STREAMFLOW STATISTICAL SUMMARIES FOR COLORADO STREAMS THROUGH SEPTEMBER 30, 1975
VOLUME 1: MISSOURI RIVER, ARKANSAS RIVER, AND RIO GRANDE BASINS

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EXPLANATION

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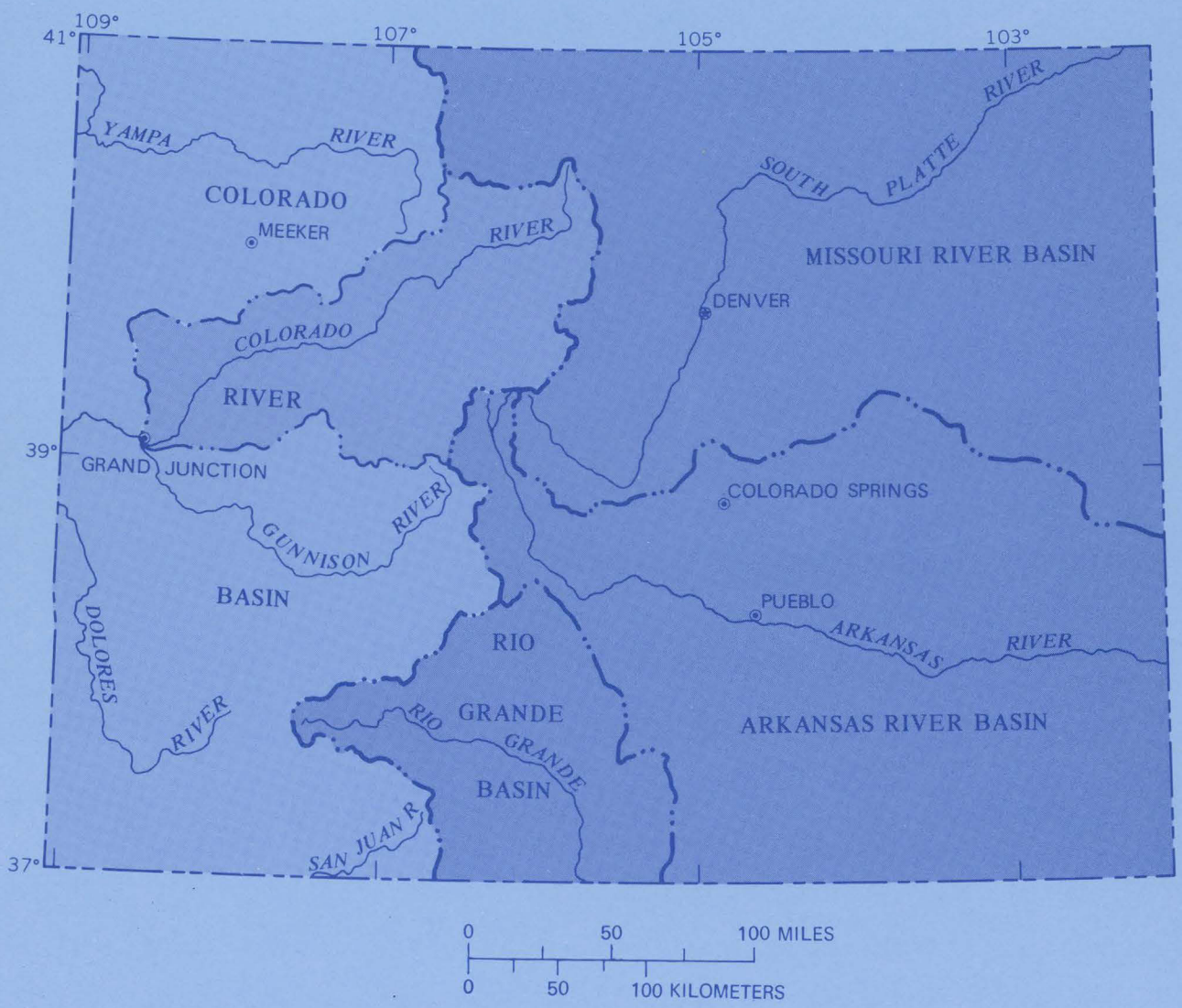

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STREAMFLOW STATISTICAL SUMMARIES FOR COLORADO STREAMS THROUGH SEPTEMBER 30, 1975

VOLUME 1: MISSOURI RIVER, ARKANSAS RIVER, AND RIO GRANDE BASINS

By Harold E. Petsch, Jr.

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METRIC CONVERSION TABLE

Inch-pound units of measurement in this report may be converted to metric units by use of the following conversion factors:

Inch-pound unit	*Multiply by*	*Metric unit*
foot (ft)	0.3048	meter (m)
mile (mi)	1.609	kilometer (km)
square mile (mi^2)	2.590	square kilometer (km^2)
cubic foot per second (ft^3/s)	0.02832	cubic meter per second (m^3/s)
acre	4,047	square meter (m^2)
	0.004047	square kilometer (km^2)
acre-foot (acre-ft)	1,233	cubic meter (m^3)
	0.001233	cubic hectometer (hm^3)

STREAMFLOW STATISTICAL SUMMARIES FOR COLORADO STREAMS

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ABSTRACT

This report contains statistical summaries of daily streamflow data as of September 30, 1975, for 246 stations east of the Continental Divide in Colorado and adjacent States for use by agencies and individuals engaged in water studies. To be included in this report, a station had to have a minimum of 3 complete water years (October 1 to September 30) of record and 3 complete climatic years (April 1 to March 31) of record having virtually constant effects of regulation and diversion, and to have had streamflow records previously reviewed and published by the U.S. Geological Survey.

Duration tables show the distribution of daily discharges for each water year ending September 30. High-flow sequence tables show the highest mean discharge for 1, 3, 7, 15, 30, 60, 90, 120, and 183 consecutive days of each water year. Low-flow sequence tables show the lowest mean discharge for 1, 3, 7, 14, 30, 60, 90, 120, and 183 consecutive days of each climatic year. For monthly flows the following statistics have been computed for each station having 5 or more complete water years of record: (1) Mean, (2) variance, (3) standard deviation, (4) skewness, (5) coefficient of variation, and (6) percentage of average flow. The first five items were also computed for the water year annual flows along with the first order serial correlation coefficient. For stations which have had virtually instantaneous significant changes in the effects of regulation and diversion, a maximum of two sets of summaries are shown. Referenced reports describe procedures for processing and interpreting the streamflow statistics.

INTRODUCTION

This report contains statistical summaries of streamflow data in Coloado and adjacent States. The report was prepared by the U.S. Geological Survey, in cooperation with the Colorado Water Conservation Board, to provide a readily available source of streamflow information for use by agencies and individuals engaged in water studies in Colorado.

The summaries, which are presented in tabular form, include: (1) Flow-duration data, (2) tables of high-flow sequence, (3) tables of low-flow sequence, (4) statistics of monthly discharges, and (5) statistics of annual discharges. The tables are output from computer-cataloged procedures of the National Water Data Storage and Retrieval System of the U.S. Geological Survey. The summaries

are based on complete water years of streamflow data except for the tables of low-flow sequence, which are based on complete climatic years of streamflow data. The water year (October 1 to September 30) is the standard reporting unit for streamflow data published by the U.S. Geological Survey. The climatic year (April 1 to March 31) has been adopted by the U.S. Geological Survey for low-flow analyses to avoid splitting the low-flow period, which occurs during early fall on many streams. The text preceding the summaries explains the nature and derivation of the data, describes details of presentation, and illustrates several applications of the tabulated information by examples. Additional descriptions of procedures for processing and interpreting the streamflow statistics are found in the reports listed in the References.

The term *statistics*, as used in this report, is defined as numbers describing data taken from any sampled distribution. The sampled distributions used herein are mean values of daily discharges at gaging stations.

STREAMFLOW RECORDS

Selection Criteria

Streamflow data presented in this report are records of daily discharges at selected gaging stations in Colorado and adjacent States collected by the U.S. Geological Survey and cooperating agencies. The criteria used for station selection were:

(1) A minimum of 3 complete water years and 3 complete climatic years of record having virtually constant effects of regulation and diversion.

(2) Streamflow records previously reviewed and published by the U.S. Geological Survey.

The computer-cataloged procedure used to compute the statistics of monthly and annual discharges requires a minimum of 5 complete water years of record. Therefore, a few stations that meet the station-selection criteria will not have summaries showing statistics of monthly and annual discharge.

Several important features relating to quality and applicability of gaging-station records are described below and in the descriptions for individual stations. Significant changes (changes resulting in a measurable difference in daily discharge of at least 10 percent) in regulation or diversions on some streams have occurred one or more times during the period a station was in operation. In such instances, the two most recent periods that met the station-selection criteria were analyzed separately to show the change in streamflow characteristics.

Insignificant changes in regulation or diversion for some streams have occurred many times during the period of operation of a station. Under such conditions the streamflow characteristics at the present time may be considerably different from those in effect when station operation began. For such cases, the entire period of operation was analyzed as a unit, because no realistic division into homogeneous periods could be made.

The comments about regulation and diversion for discontinued gaging stations relate to the period during which the station was operated. The same conditions may or may not exist at the present time.

Many gaging stations at higher elevations are inoperative during the winter months (generally November through March) and some gaging stations are inoperative for various reasons at times other than the winter months. Streamflow records for these stations are estimated for the periods of inoperation each year, using stations that are in operation, typical seasonal or flood recessions, and daily temperature or precipitation records. Prior to water year 1951, some nonwinter records, and prior to water year 1966, winter records in general, were estimated as a mean discharge for a period ranging from a few days to a complete month. These estimated mean discharges have been treated for computer storage purposes as a constant-discharge value for each day of the estimated period. Individual daily mean discharges have been estimated since water year 1951 for the nonwinter records and since water year 1966 for the winter records. All streamflow records having estimated mean discharges for a period were examined to see if the constant discharge value could reasonably be expected to occur on each day of the period. For those periods that the expectancy was not reasonable, the streamflow record for the water year and climatic year involved was considered to be incomplete.

Periods of Record

The gaging stations used and the periods of record analyzed for each station are shown on the bar chart following the References. The stations are listed in accordance with the standard U.S. Geological Survey downstream-order numbering system. The bar chart indicates the effect of regulation and diversion for each period of record and also shows the page number on which the statistical summaries begin for each station.

Limitations of Data

The following limitations need to be considered to avoid erroneous interpretation of the information contained in this report. Some of the limitations are mentioned elsewhere, but they are repeated here for additional emphasis.

(1) The streamflow statistics based on less than 10 years of record should be used for predictive purposes only in conjunction with information from nearby stations with longer periods of record. Although there are no strict guidelines for comparison, the accuracy of computed statistics increases with increased years of record.

(2) Because of the complexity of water-management practices in Colorado, gradual changes in diversion and regulation have occurred on some streams. In such instances, the computed statistics do not represent the present streamflow regimen. Although an effort was made to identify such gaging stations, the user should make an independent assessment of diversion and regulation effects.

(3) Streamflow statistics for discontinued gaging stations represent flow conditions at the time the station was discontinued. Because of possible changes in water-management practices, present conditions may or may not be represented.

(4) If streamflow statistics are desired for periods other than those given in the summaries, separate computations should be made using streamflow data for the desired period.

PRESENTATION AND APPLICATION OF DATA

Gaging-Station Descriptions

A brief description is given for each gaging station listed in this report. The station number corresponds to the number given on the bar chart following the References. The information applies to each gaging-station site as of September 30, 1975. If the site was discontinued prior to that date, the information is applicable to the site on the date of discontinuance.

The LOCATION paragraph gives the latitude, longitude, U.S. Bureau of Land Management land-line location, when applicable, and distances to nearby geographic features. Information on the changes in gage location is contained in the U.S. Geological Survey publications listed in the References.

The DRAINAGE AREA paragraph indicates the area of the basin above the gage site. If part of the basin does not contribute direct surface runoff to the stream, an estimate of the noncontributing area is included.

The REMARKS paragraph gives information on regulation, diversions, storage, use of the water, and a reference to the periods analyzed when two sets of summaries are shown for a station.

Statistical Summaries

Selected streamflow statistics are compiled in the following sections of this report. All discharges are reported in cubic feet per second and are mean values (or logarithms of these values) for the time period specified. The tabulated statistics for each gaging station are based on only the complete climatic years or complete water years obtained during the time of operation. If statistics for periods of time other than those summarized are required, additional summaries must be prepared for the desired periods. For this report, no attempt was made to adjust records for different locations or to make any interpretation of the computed statistics other than for the gaging station used for examples.

Flow-Duration Data

The duration tables show the distribution of daily discharges for each water year ending September 30. The discharges are grouped according to magnitude in a maximum of 35 class intervals. The summary following the duration table shows the lowest discharge in each class, the cumulative number of days in each class beginning with the highest interval, and the percentage of time that the lowest discharge in each class was either equaled or exceeded.

Flow-duration curves may be prepared from the summaries for each station for the period, or periods, analyzed. These curves are cumulative frequency curves showing the percentage of time that discharges were equaled or exceeded in a given period. Log-normal probability paper is commonly used to plot the flow-duration curves--although any type of coordinate paper could be used. The points for plotting can be obtained from the summary table with PERCT (columns 5, 10, 15, and 20) as the abscissa and VALUE (columns 2, 7, 12, and 17) as the ordinate. After the data are plotted, a smooth curve is drawn to fit the plotted points. The flow-duration curve for station 06733000 Big Thompson River at Estes Park, Colo., for 1951-75, is shown in figure 1 to illustrate the use of the data contained in the flow-duration summaries. The daily mean discharge for the Big Thompson River at this station equaled or exceeded 10 ft^3/s 95 percent of the time (fig. 1).

The flow-duration curve combines the flow characteristics of a stream throughout the range in discharge without regard to the chronologic sequence of flow. The curve is useful in predicting the availability and variability of future flows, provided that the curve is fairly representative of long-term flow conditions. The shape of the flow-duration curve reflects hydrologic and geologic characteristics of the drainage basin, and different streams may be compared on the basis of their respective curves. Flow-duration curves are useful in studies relating to water supply, power development, sediment yields, and stream pollution.

High-Flow Frequency Data

The tables of high-flow sequence show the highest mean discharge for periods of 1, 3, 7, 15, 30, 60, 90, 120, and 183 consecutive days of each water year. The number to the right of the discharge for each time period denotes the descending rank of the discharge values with respect to the period of record analyzed.

High-flow frequency information is required in the design of reservoirs, dams, flood-control works, and navigation systems. High-flow frequency curves can be developed from the summaries of highest mean discharge for selected time periods given in this report. These curves indicate the average number of years between exceedances of the specified discharge for the various consecutive-day time periods. Unlike flow-duration curves, high-flow frequency curves provide information about the sequential occurrence of streamflow.

High-flow frequency curves are developed by arraying the mean discharges for each consecutive period of days in order of descending magnitude for the period

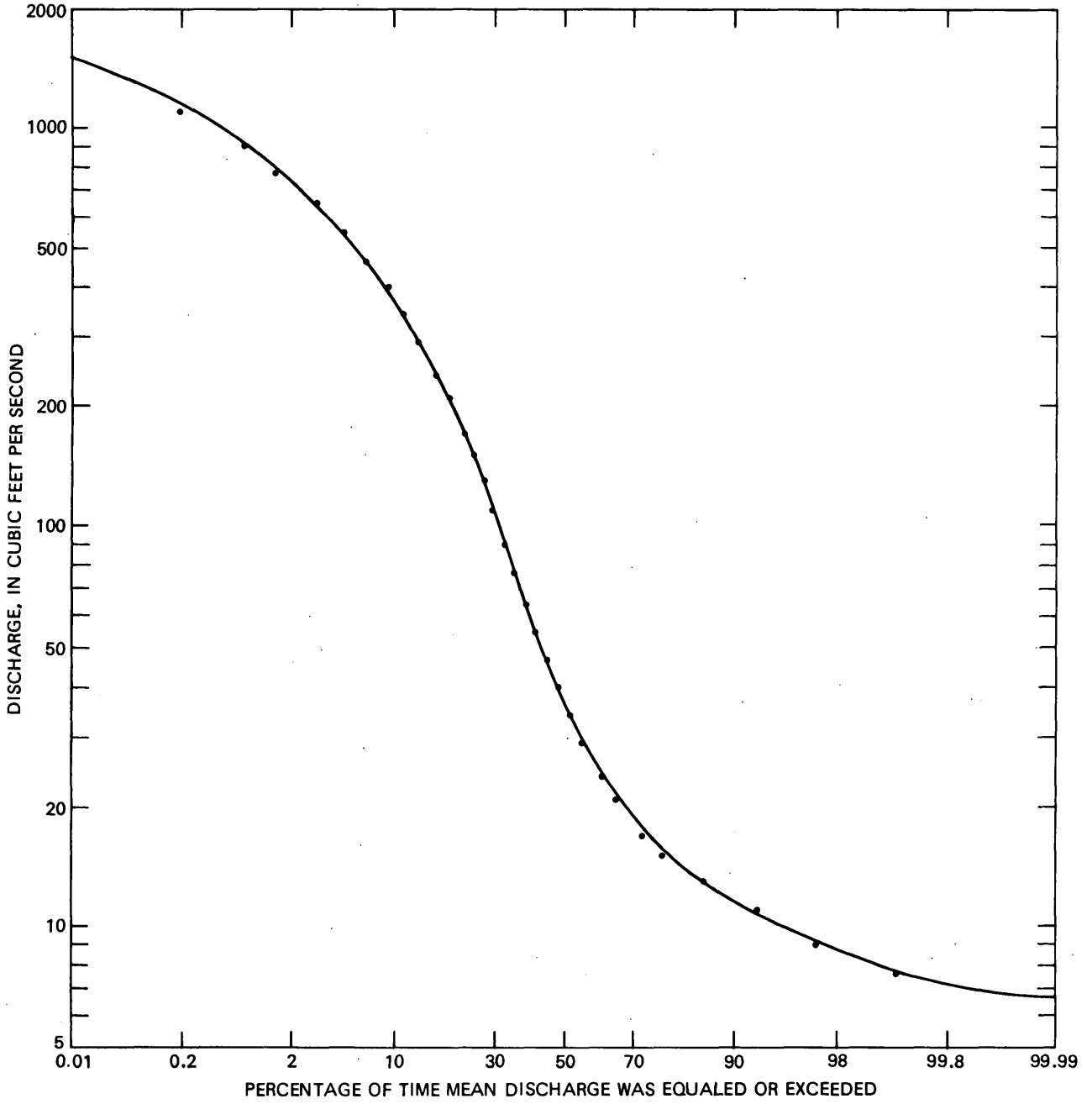

Figure 1.--Duration curve of daily mean flow, station 06733000 Big Thompson River at Estes Park, Colo., 1951-75.

analyzed. Next, the recurrence interval of each magnitude is computed from a plotting-position formula such as the Weibull plotting-position formula,

$$(N+1)/M,$$

where

N is the number of years of record, and

M is the rank, with the highest discharge for each time period being assigned a rank of 1.

To illustrate this plotting method, the high-flow data for station 06733000 Big Thompson River at Estes Park, Colo., is listed in table 1 for periods of 1 day and 30 consecutive days. The 30-day highest mean discharge of 927 ft^3/s has a rank of 1 and a recurrence interval of 26 years, as there are 25 years of record. The data from table 1 are plotted in figure 2, and a smooth curve is drawn through the plotted points for each of the two selected consecutive-day periods. Mean discharges for various recurrence intervals can be determined from figure 2. For example, the highest 30-consecutive-day mean discharge will be greater than 860 ft^3/s on the average of once every 10 years; or, in other terms, the above 30-consecutive-day mean discharge has a 1-in-10 chance of occurring any given year.

Low-Flow Frequency Data

The tables of low-flow sequence show the lowest mean discharge for periods of 1, 3, 7, 14, 30, 60, 90, 120, and 183 consecutive days of each climatic year (April 1 to September 30). Each mean discharge is ranked according to ascending magnitude as noted by the number to the right of each listed discharge.

Information on a stream's low-flow characteristics is required in order to evaluate its adequacy to supply water for municipal and industrial uses, irrigation, waste dilution, and wildlife conservation. A useful device for providing such information is the low-flow frequency curve which indicates the frequency that various rates of flow for a specific number of consecutive days will be below given values. Low-flow frequency curves also provide information about the sequential occurrence of the low flows of streams.

Frequency curves can be developed from the low-flow tabulations contained in this report. The same procedure is used as in developing high-flow frequency tables and curves except that the mean discharges for each consecutive period of days are arrayed in order of ascending magnitude and recurrence intervals are computed by assigning a rank of 1 to the lowest discharge for each time period. The low-flow data for station 06733000 Big Thompson River at Estes Park, Colo., 1952-75, is listed in table 2 for time periods of 7 and 30 consecutive days. From table 2, the 7-day lowest mean discharge of 7.8 ft^3/s has a rank of 5 and a recurrence interval of 5 years. The low-flow frequency curves shown in figure 3 were plotted from the data in table 2. As an illustration, the 7-day mean discharge from figure 3 having a recurrence interval of 20 years is 6.8 ft^3/s.

Table 1.--*Tabulation procedure for deriving high-flow frequency curves for station 06733000 Big Thompson River at Estes Park, Colo., 1951-75*

Rank	Recurrence interval (years)	Mean discharge, in ft^3/s	
		1-day	30-day
1	26	1,520	927
2	13	1,440	912
3	8.7	1,310	821
4	6.5	1,220	738
5	5.2	1,150	729
6	4.3	1,040	710
7	3.7	1,030	663
8	3.2	1,020	660
9	2.9	950	654
10	2.6	878	650
11	2.4	857	646
12	2.2	836	627
13	2.0	830	599
14	1.85	816	594
15	1.73	796	576
16	1.62	793	571
17	1.53	769	566
18	1.44	764	541
19	1.37	709	498
20	1.30	698	475
21	1.24	692	378
22	1.18	481	378
23	1.13	470	347
24	1.08	368	265
25	1.04	346	199

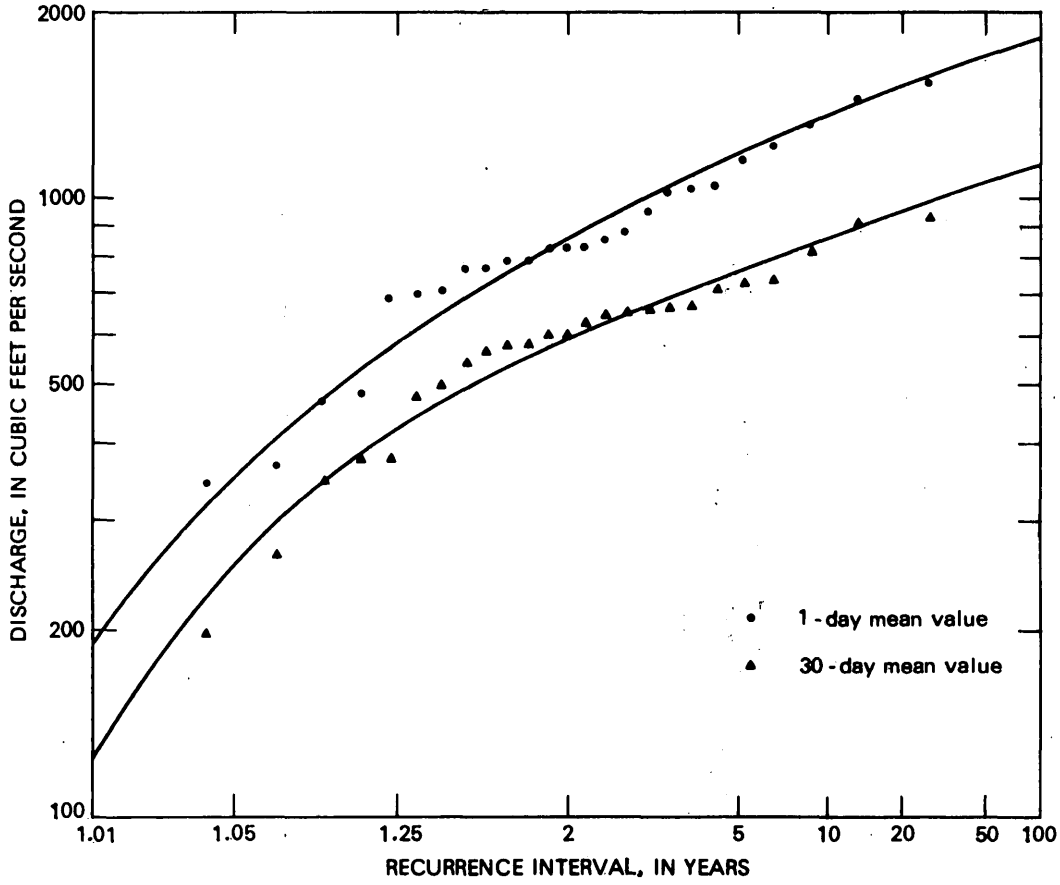

Figure 2.--High-flow frequency curves for station 06733000 Big Thompson River at Estes Park, Colo., 1951-75.

Table 2.--*Tabulation procedure for deriving low-flow frequency curves for station 06733000 Big Thompson River at Estes Park, Colo., 1952-75*

Rank	Recurrence interval (years)	Mean discharge, in ft^3/s	
		7-day	30-day
1	25	7.0	7.4
2	12.5	7.4	7.8
3	8.3	7.6	7.9
4	6.25	7.7	8.2
5	5.00	7.8	8.4
6	4.17	7.9	8.6
7	3.57	8.0	8.7
8	3.12	8.5	9.9
9	2.78	9.5	10
10	2.50	9.6	10
11	2.27	9.6	10
12	2.08	9.7	11
13	1.92	9.8	11
14	1.79	10	12
15	1.67	10	12
16	1.56	11	12
17	1.47	11	12
18	1.39	11	12
19	1.32	12	13
20	1.25	12	13
21	1.19	13	14
22	1.14	13	14
23	1.09	14	14
24	1.04	17	18

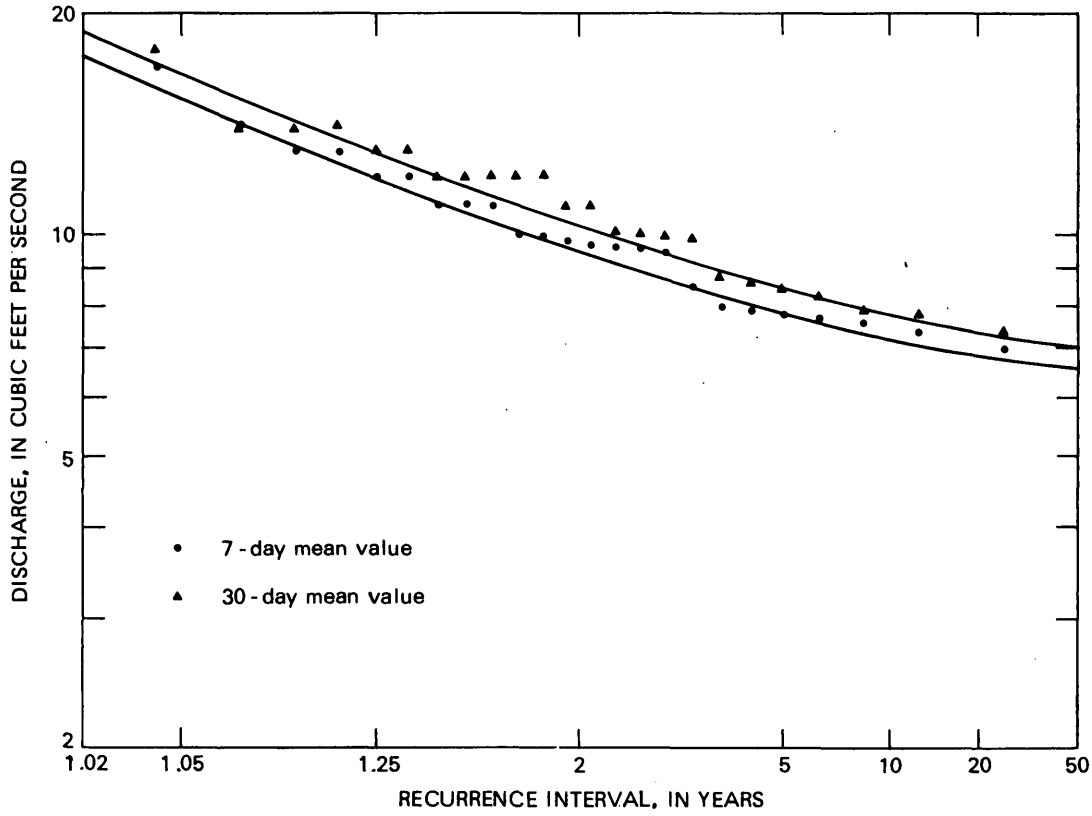

Figure 3.--Low-flow frequency curves for station 06733000 Big Thompson River at Estes Park, Colo., 1952-75.

Monthly and Annual Statistics

The following statistics of monthly discharge have been computed: (1) Mean, (2) variance, (3) standard deviation, (4) skewness, (5) coefficient of variation, and (6) percentage of average flow. For statistics of annual flows, the first five items listed above and the serial correlation coefficient have been computed. Tables of monthly statistics computed from normal daily mean values are followed by tables of monthly statistics computed from daily mean values which have been transformed to common logarithms (base 10). Tables of annual statistics follow in the same order as the monthly statistics.

Hydrologic models that deal with month-to-month and year-to-year transition of streamflow require statistics and coefficients of monthly and annual discharges. Definitions and examples of the statistics and coefficients are given below. Procedures for computing the statistics and coefficients can be found in standard statistical textbooks. All examples used are from the monthly and annual tables for the station 06733000 Big Thompson River at Estes Park, Colo., for 1951-75, which can be found on pages 186 to 188 in the following section of this report.

Mean.--The mean is a measure of the central value of the discharge.

Examples:

From first row, seventh column, of monthly tables (April mean values):

Normal value shown = 38.4;
Log value shown = 1.55.

From the first column of annual tables (mean values):

Normal value shown = 125;
Log value shown = 2.08.

Variance.--The variance is a measure of the dispersion of the discharges about their mean.

Examples:

From the second row, seventh column, of the monthly tables (April variance values):

Normal value shown = 331;
Log value shown = 0.03.

From the second column of annual tables (variance values):

Normal value shown = 859;
Log value shown = 0.01.

Standard deviation.--The standard deviation is also a measure of the dispersion of the discharges about their mean, and is equal to the square root of the variance. One standard deviation on each side of the mean contains about two-thirds of the data in a statistically normal distribution. The standard deviation expressed in log units provides a means of comparing flow variability between streams of different sizes.

Examples:

From the third row, seventh column, of the monthly tables (April standard deviation values):

Normal value shown = 18.2;
Log value shown = 0.16.

From the third column of the annual tables (standard deviation values):

Normal value shown = 29.3;
Log value shown = 0.11.

Skewness.--The coefficient of skew, called skewness, is an index of the distortion of the data from a statistically normal distribution. If the data are normally distributed, the coefficient of skew is zero. The coefficient of skew is positive if the data contain disproportionately high values and is negative if the data contain disproportionately low values.

Examples:

From the fourth row, seventh column, of the monthly tables (April skewness values):

Normal value shown = 2.33;
Log value shown = 1.27.

From the fourth column of the annual tables (skewness values):

Normal value shown = 0.16;
Log value shown = -0.57.

Coefficient of variation.--The coefficient of variation is obtained by dividing the standard deviation by the mean. It is a dimensionless index and provides a basis for comparing flow variability of streams.

Examples:

From the fifth row, seventh column, of the monthly tables (April coefficient of variation values):

Normal value shown = 0.47;
Log value shown = 0.10.

From the fifth column of the annual tables (coefficient of variation values):

Normal value shown = 0.24;
Log value shown = 0.05.

Percent of average value.--This value, expressed in percent, is a measure of the monthly distribution of flow with respect to the period being analyzed. It is the ratio of an individual monthly mean to the summation of all monthly means.

Examples:

From the sixth row, seventh column, of normal monthly table (April value for percentage of average value):

Normal value shown = 2.58.

The above value indicates that about 2.6 percent of the total flow of the Big Thompson River at Estes Park, Colo., during the period considered has occurred in April.

First order serial correlation coefficient.--These coefficients, ranging in value from positive 1.0 to negative 1.0, provide information about the sequential order in which the data occurred. A value of zero indicates the occurrence was purely random. A positive value indicates a tendency for high values to follow high values and for low values to follow low values. A negative value indicates a tendency for high values to follow low values.

Example:

From the sixth column of the normal annual table the serial-correlation value shown is 0.039.

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BAR CHART

The following bar chart shows the periods of record analyzed for each gaging station. Horizontal lines indicate years of record ending September 30. The letter "A" above a line indicates periods with insignificant effects of regulation and diversion; the letter "B" indicates periods with significant effects; and the letter "C" indicates periods of gradually changing effects. Those stations with significant changes in regulation and diversion during the period of record can be identified by a change in letters. If a second condition of significant effect occurs at a station, the letter "D" will indicate the second period of effect. A vertical line through a horizontal line indicates the time of a change in effects.

STREAMFLOW STATIONS, IN DOWNSTREAM ORDER, AND PERIOD OF RECORD ANALYZED

STATION NO.	STATION NAME	PAGE NO.	PERIOD OF RECORD ANALYZED																			
			1885	1890	1895	1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	1965	1970	1975	
	MISSOURI RIVER BASIN																					
06	Missouri River:																					
	PLATTE RIVER BASIN																					
	Grizzly Creek (head of Platte River):																					
611000	Colorado Creek near Spicer	34														A						
611500	Grizzly Creek near Walden	35									B		B									
611700	Little Grizzly Creek near Coalmont	36																	A			
612000	Little Grizzly Creek near Hebron	38					B						B									
612500	Roaring Fork near Walden	39											B									
613000	North Platte River near Walden	41					B						B									
614000	North Fork North Platte River near Walden	43									B			B								
	Michigan River:																					
615000	South Fork Michigan River near Gould	44														A						
615500	Michigan River near Lindland	45											B									
616000	North Fork Michigan River near Gould	47															A		A			
617100	Michigan River at Walden	48											B									
617500	Illinois Creek near Rand	50											A									
618000	Willow Creek near Rand	51											A									
618500	Illinois Creek at Walden	53											B									
619000	Michigan River near Cowdrey	55												B								
619500	Canadian River at Cowdrey	56										A		A								

STREAMFLOW STATIONS, IN DOWNSTREAM ORDER, AND PERIOD OF RECORD ANALYZED

STATION NO.	STATION NAME	PAGE NO.	PERIOD OF RECORD ANALYZED (1885–1975)
620000	North Platte River near Northgate	57	C
657500	Laramie River near Glendevey	61	B, D
695000	South Platte River above Elevenmile Canyon		
	Reservoir, near Hartsel	65	B, D, B
696000	South Platte River near Lake George	68	B
696200	South Platte River at Lake George	70	B, B
698500	Tarryall Creek near Jefferson	72	B
699500	Tarryall Creek near Lake George	73	B, B
700000	South Platte River above Cheesman Lake	74	B
700500	Goose Creek above Cheesman Lake	75	A, A, A, A, A
701500	South Platte River below Cheesman Lake	77	B
702000	South Platte River above North Fork, at		
	South Platte	80	B
702500	North Fork South Platte River at Grant	82	A
705500	Geneva Creek at Grant	83	A
706000	North Fork South Platte River below Geneva		
	Creek, at Grant	83	A, A, B
706500	North Fork South Platte River at Pine	87	A
707000	North Fork South Platte River at South Platte	87	A, A, B
707500	South Platte River at South Platte	91	B, D
708000	South Platte River at Waterton	96	C
708500	Deer Creek near Littleton	99	A
709000	Plum Creek near Sedalia	100	A

STREAMFLOW STATIONS, IN DOWNSTREAM ORDER, AND PERIOD OF RECORD ANALYZED

STATION NO.	STATION NAME	PAGE NO.	PERIOD OF RECORD ANALYZED																		
			1885	1890	1895	1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	1965	1970	1975
709500	Plum Creek near Louviers	101																A			
710000	South Platte River at Littleton	102															C				
710500	Bear Creek at Morrison	105				A				A						A					
711000	Turkey Creek near Morrison	108													A	A					
711500	Bear Creek at mouth, at Sheridan	109														B					
712000	Cherry Creek near Franktown	112															A				
712500	Cherry Creek near Melvin	114												A			B				
713000	Cherry Creek below Cherry Creek Lake	117														B			D		
713500	Cherry Creek at Denver	120													B			D			
714000	South Platte River at Denver	123											C								
	Clear Creek:																				
715500	West Fork Clear Creek above Empire	127													B						
716500	Clear Creek near Lawson	128														B			A		
717000	Fall River near Idaho Springs	130										B									
718000	Clear Creek below Idaho Springs	132														B					
718500	North Clear Creek near Blackhawk	132														A					
719000	Clear Creek at Forks Creek	133					A														
719500	Clear Creek near Golden	134									A				B				A		
720000	Clear Creek at mouth, near Derby	139														C					
720500	South Platte River at Henderson	141													C						
721000	South Platte River at Fort Lupton	144												C							

STREAMFLOW STATIONS, IN DOWNSTREAM ORDER, AND PERIOD OF RECORD ANALYZED

STATION NO.	STATION NAME	PAGE NO.	PERIOD OF RECORD ANALYZED																			
			1885	1890	1895	1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	1965	1970	1975	
721500	North St. Vrain Creek (head of St. Vrain																					
	Creek) near Allens Park	146									A											
722000	North St. Vrain Creek at Longmont Dam, near																					
	Lyons	147												A								
722500	South St. Vrain Creek near Ward	149									A	A							A			
723000	Middle St. Vrain Creek near Allens Park	151									A											
724000	St. Vrain Creek at Lyons	152				C								C								
724500	Lefthand Creek near Boulder	156														B	B					
725000	Lefthand Creek at mouth, at Longmont	158											B				B					
725100	St. Vrain Creek near Longmont	159																	B			
725500	Middle Boulder Creek (head of Boulder																					
	Creek) at Nederland	160						A	B						A							
726000	North Boulder Creek at Silver Lake	164								B		B										
727000	Boulder Creek near Orodell	166						A	B						B							
727500	Fourmile Creek at Orodell	170														A						
729000	South Boulder Creek near Rollinsville	171							A						B							
729500	South Boulder Creek near Eldorado Springs	173												A					B			
730300	Coal Creek near Plainview	177																	A			
730500	Boulder Creek at mouth, near Longmont	179												B			B					
731000	St. Vrain Creek at mouth, near Platteville	180														C						

STREAMFLOW STATIONS, IN DOWNSTREAM ORDER, AND PERIOD OF RECORD ANALYZED

STATION NO.	STATION NAME	PAGE NO.	PERIOD OF RECORD ANALYZED																			
			1885	1890	1895	1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	1965	1970	1975	
	Big Thompson River:																					
732000	Glacier Creek near Estes Park	183														A				A		
732500	Fall River at Estes Park	185														A						
733000	Big Thompson River at Estes Park	186																	A			
734500	Fish Creek near Estes Park	188														A						
735500	Big Thompson River near Estes Park	190												A					B			
736000	North Fork Big Thompson River at Drake	193														A						
736500	Big Thompson River below powerhouse, near																					
	Drake	194									B			B		D						
738000	Big Thompson River at mouth of canyon, near																					
	Drake	197										B	B		B				D			
739500	Buckhorn Creek near Masonville	200														A						
	Dry Creek:																					
741000	Cottonwood Creek near Pinewood	201														A						
741500	Big Thompson River near Loveland	202														B						
742000	Little Thompson River near Berthoud	204										A				A	B	A				
743500	Little Thompson River at Milliken	205															B					
744000	Big Thompson River at mouth, near La Salle	206							C							C						
747500	Cache la Poudre River near Rustic	209																B				
748000	Cache la Poudre River near Log Cabin	210						C				C										

STREAMFLOW STATIONS, IN DOWNSTREAM ORDER, AND PERIOD OF RECORD ANALYZED

STATION NO.	STATION NAME	PAGE NO.	PERIOD OF RECORD ANALYZED																			
			1885	1890	1895	1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	1965	1970	1975	
	South Fork Cache la Poudre River:																					
748200	Fall Creek near Rustic	211																	A			
748510	Little Beaver Creek near Idylwilde	213																	A			
748530	Little Beaver Creek near Rustic	214																	A			
748600	South Fork Cache la Poudre River near																					
	Rustic	215																	A			
749000	Cache la Poudre River below Elkhorn Creek	217															B					
751500	North Fork Cache la Poudre River near																					
	Livermore	218															B					
752000	Cache la Poudre River at mouth of canyon,																					
	near Fort Collins	220	C	C				C					C						B			
752500	Cache la Poudre River near Greeley	225								C						C						
753500	Lonetree Creek near Nunn	228															B					
754000	South Platte River near Kersey	229					B	B							B							
756500	Crow Creek near Barnesville	232															B					
757000	South Platte River at Sublette	233											C			C						
758000	Kiowa Creek at Elbert	235																B				
758200	Kiowa Creek at Kiowa	236																B				
758300	Kiowa Creek at Bennett	237																	A			
758500	South Platte River near Weldona	238																	B			
759000	Bijou Creek near Wiggins	240															A					

STREAMFLOW STATIONS, IN DOWNSTREAM ORDER, AND PERIOD OF RECORD ANALYZED

STATION NO.	STATION NAME	PAGE NO.	PERIOD OF RECORD ANALYZED																		
			1885	1890	1895	1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	1965	1970	1975
759500	South Platte River at Fort Morgan	241														B					
760000	South Platte River at Balzac	242													C						
760500	South Platte River near Crook	246															B				
764000	South Platte River at Julesburg	247					C	C	C							C					
	KANSAS RIVER BASIN																				
	Arikaree River (head of Kansas River):																				
822000	North Fork Republican River near Wray	250												A			A		A		
823000	North Fork Republican River at Colorado-																				
	Nebraska State line	252															A				
	Republican River (continuation of Arikaree River):																				
825000	South Fork Republican River near Idalia	255																A			
825500	Landsman Creek near Hale	256																A			
826500	South Fork Republican River near Hale	258																B			
827000	South Fork Republican River near Colorado-																				
	Kansas State line	260													A	B					

STREAMFLOW STATIONS, IN DOWNSTREAM ORDER, AND PERIOD OF RECORD ANALYZED

STATION NO.	STATION NAME	PAGE NO.	PERIOD OF RECORD ANALYZED (1885–1975)
	LOWER MISSISSIPPI RIVER BASIN		
	Mississippi River:		
07	ARKANSAS RIVER BASIN		
079500	East Fork Arkansas River near Leadville	264	A
081000	Tennessee Creek near Leadville	265	A
081200	Arkansas River near Leadville	266	B
082000	Lake Fork above Sugar Loaf Reservoir	268	B
083000	Halfmoon Creek near Malta	269	A
083500	Halfmoon Creek near Leadville	271	B
084500	Lake Creek above Twin Lakes Reservoir	272	B B B
086000	Arkansas River at Granite	274	C
086500	Clear Creek above Clear Creek Reservoir	278	A
087200	Arkansas River at Buena Vista	280	B
089000	Cottonwood Creek below Hot Springs, near Buena Vista	281	A A
090000	Chalk Creek (upper station) near St. Elmo	283	A
090500	Chalk Creek near St. Elmo	285	A
091000	Chalk Creek near Nathrop	285	A
091200	Arkansas River near Nathrop	287	B
091500	Arkansas River at Salida	288	C
092000	South Arkansas River at Poncha	291	B
093000	Poncha Creek at Poncha	293	A

STREAMFLOW STATIONS, IN DOWNSTREAM ORDER, AND PERIOD OF RECORD ANALYZED

STATION NO.	STATION NAME	PAGE NO.	PERIOD OF RECORD ANALYZED																			
			1885	1890	1895	1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	1965	1970	1975	
093500	South Arkansas River near Salida	294									B		B									
093700	Arkansas River near Wellsville	295																	B			
094500	Arkansas River at Parkdale	297														B			B			
095000	Grape Creek near Westcliffe	299									A				A				A			
096000	Arkansas River at Canon City	301		C									C									
096500	Fourmile Creek near Canon City	305														B				B		
097000	Arkansas River at Portland	307													B					B		
099100	Beaver Creek near Portland	308																		A		
099200	Arkansas River near Portland	309																	B			
099400	Arkansas River above Pueblo	310																	B			
099500	Arkansas River near Pueblo	312											C									
103700	Fountain Creek near Colorado Springs	316																	B			
	Monument Creek:																					
103800	West Monument Creek at U.S. Air Force																					
	Academy	318																		B		
103900	West Monument Creek near Pikeview	319																B				
104000	Monument Creek at Pikeview	320												B								
105800	Fountain Creek at Security	321																	B			
106000	Fountain Creek near Fountain	323													B							
106500	Fountain Creek at Pueblo	325									B					B				B		

STREAMFLOW STATIONS, IN DOWNSTREAM ORDER, AND PERIOD OF RECORD ANALYZED

STATION NO.	STATION NAME	PAGE NO.	PERIOD OF RECORD ANALYZED																			
			1885	1890	1895	1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	1965	1970	1975	
107000	St. Charles River at San Isabel	327												A								
107500	St. Charles River at Burnt Mill	327									A	A										
108500	St. Charles River near Pueblo	329													A							
108800	St. Charles River near Vineland	330																		B		
109000	St. Charles River at mouth, near Pueblo	331									B											
109500	Arkansas River near Avondale	332												C						C		
110000	Sixmile Creek near Avondale	334													B							
110500	Chico Creek near North Avondale	335													B							
111000	Huerfano River at Manzanares Crossing,																					
	near Redwing	336														A						
112000	Huerfano River near Badito	338													B							
112500	Huerfano River at Badito	340									B			B		B						
113000	Huerfano River at Huerfano	341										B										
113500	Huerfano River near Mustang	342													B							
114000	Cucharas River at Boyd Ranch, near La Veta	343															A					
116000	Huerfano River below Huerfano Valley Dam,																					
	near Undercliffe	345															B					
116500	Huerfano River near Nepesta	347									B											
117000	Arkansas River near Nepesta	348																C				
117500	Arkansas River at Nepesta	351							C	C		C										
117600	Chicosa Creek near Fowler	353																		B		

STREAMFLOW STATIONS, IN DOWNSTREAM ORDER, AND PERIOD OF RECORD ANALYZED

STATION NO.	STATION NAME	PAGE NO.	PERIOD OF RECORD ANALYZED																			
			1885	1890	1895	1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	1965	1970	1975	
118000	Apishapa River near Aguilar	354													A							
119000	Apishapa River near White Rock	355													A							
119500	Apishapa River near Fowler	356									B							B				
119700	Arkansas River at Catlin Dam, near Fowler	359																		B		
121000	Timpas Creek near Rocky Ford	360										B			B							
121500	Timpas Creek at mouth, near Swink	362									B										B	
122400	Crooked Arroyo near Swink	363																			B	
122500	Crooked Arroyo near La Junta	365									B											
123000	Arkansas River at La Junta	365													C							
123500	Horse Creek near Sugar City	369													A							
124000	Arkansas River at Las Animas	370																C				
124500	Purgatoire River at Trinidad	372				A			A					A						A		
125000	Purgatoire River near Hoehne	376																	B			
125100	Frijole Creek near Alfalfa	377																	A			
125500	San Francisco Creek near Alfalfa	379																	A			
126000	Purgatoire River near Alfalfa	380						B				B						B				
126100	Luning Arroyo near Model	382																			A	
126200	Van Bremer Arroyo near Model	384																			A	
126300	Purgatoire River near Thatcher	385																			B	
126500	Purgatoire River at Ninemile Dam, near Higbee	386														B						

STREAMFLOW STATIONS, IN DOWNSTREAM ORDER, AND PERIOD OF RECORD ANALYZED

STATION NO.	STATION NAME	PAGE NO.	PERIOD OF RECORD ANALYZED																			
			1885	1890	1895	1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	1965	1970	1975	
128000	Purgatoire River at Highland Dam, near																					
	Las Animas	389													B							
128500	Purgatoire River near Las Animas	391										B							B			
129500	Rule Creek near Caddoa	394													A							
130500	Arkansas River below John Martin Reservoir	395												B				D				
133000	Arkansas River at Lamar	397										C				B				B		
134000	Big Sandy Creek above Amity canal diversion,																					
	near Kornman	402													A							
134100	Big Sandy Creek near Lamar	404																		B		
135000	Two Butte Creek near Holly	405													B							
135500	Arkansas River at Holly	406							C				C									
136000	Wild Horse Creek at Holly	408										B			B							
137500	Arkansas River near Coolidge, Kans	410																	B			

STREAMFLOW STATIONS, IN DOWNSTREAM ORDER, AND PERIOD OF RECORD ANALYZED

STATION NO.	STATION NAME	PAGE NO.	PERIOD OF RECORD ANALYZED																			
			1885	1890	1895	1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	1965	1970	1975	
	WESTERN GULF OF MEXICO BASINS																					
08	RIO GRANDE BASIN																					
213500	Rio Grande at Thirty-Mile Bridge, near Creede	414								B	B					B						
214500	North Clear Creek below Continental Reservoir	417														B						
216500	Willow Creek at Creede	420																	A			
217000	Rio Grande at Wason, below Creede	421										B										
217500	Rio Grande at Wagonwheel Gap	424																	B			
218000	Goose Creek near Wagonwheel Gap	426									A				A							
218500	Goose Creek at Wagonwheel Gap	428																	A			
219500	South Fork Rio Grande at South Fork	430								A							A					
220000	Rio Grande near Del Norte	433			C		C							C								
220500	Pinos Creek near Del Norte	437												A	A			A				
221500	Rio Grande near Monte Vista	439														B						
223000	Rio Grande at Alamosa	442													B							
223500	Rock Creek near Monte Vista	445													A				A			
	Closed basin in San Luis Valley:																					
224200	Raspberry Creek near Villa Grove	447																	A			
224500	Kerber Creek at Ashley Ranch, near Villa Grove	448									A						A					
226700	Cotton Creek near Mineral Hot Springs	450																	A			

STREAMFLOW STATIONS, IN DOWNSTREAM ORDER, AND PERIOD OF RECORD ANALYZED

STATION NO.	STATION NAME	PAGE NO.	PERIOD OF RECORD ANALYZED																			
			1885	1890	1895	1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	1965	1970	1975	
227000	Saguache Creek near Saguache	451						A							A							
227500	North Crestone Creek near Crestone	454																A				
229500	Cottonwood Creek near Crestone	457																		A		
230500	Carnero Creek near La Garita	457									A			A				A				
231000	La Garita Creek near La Garita	460									A			A	A			A				
234200	Mosca Creek near Mosca	462																		A		
236000	Alamosa Creek above Terrace Reservoir	463							A		A						A					
236500	Alamosa Creek below Terrace Reservoir	465											B									
238000	La Jara Creek at Gallegos Ranch, near Capulin	468													B				B			
240000	Rio Grande above mouth of Trinchera Creek, near LaSauses	470															B					
240500	Trinchera Creek above Turners Ranch, near Fort Garland	473									A						A					
241000	Trinchera Creek above Mountain Home Reservoir, near Fort Garland	475													A							
241500	Sangre de Cristo Creek near Fort Garland	477												A				A				
242500	Ute Creek near Fort Garland	480														A						
243500	Trinchera Creek below Smith Reservoir, near Blanca	483										B	B	B				B				
245000	Conejos River below Platoro Reservoir	485																	B			
245500	Conejos River at Platoro	487													A							
246000	Conejos River at Counsellors Cabin, near Mogote	488													A							
246500	Conejos River near Mogote	489					C								C							

STREAMFLOW STATIONS, IN DOWNSTREAM ORDER, AND PERIOD OF RECORD ANALYZED

STATION NO.	STATION NAME	PAGE NO.	PERIOD OF RECORD ANALYZED																			
			1885	1890	1895	1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	1965	1970	1975	
247500	San Antonio River at Ortiz	493																A				
248000	Los Pinos River near Ortiz	495							A							A						
248500	San Antonio River at mouth, near Manassa	498														B						
249000	Conejos River near LaSauses	501														C						
249400	Culebra Creek near Chama	504																		A		
250000	Culebra Creek at San Luis	505															B					
250500	Culebra Creek below San Luis	508														B						
251500	Rio Grande near Lobatos	509											C									
252000	Rio Grande at Colorado-New Mexico State line	513																	C			

GAGING-STATION DESCRIPTIONS AND STATISTICAL SUMMARIES

MISSOURI RIVER BASIN STATIONS

06611000 COLORADO CREEK NEAR SPICER, COLO.

LOCATION.--Lat 40°26'31", long 106°30'05", in SW¼SW¼ sec.33, T.6 N., R.81 W., Jackson County, on right bank 700 ft (210 m) upstream from bridge on State Highway 14, 800 ft (240 m) upstream from mouth, and 3 mi (4.8 km) southwest of Spicer.

DRAINAGE AREA.--25.8 mi² (66.8 km²).

REMARKS.--Small diversion for irrigation above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
COLORADO CREEK NEAR SPICER, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1951								14	57	22	19	19	54	48	12	6	7	9	3	8	6	6	8	3	2	4	13	13	12	20					
1952										73	35	76	13	42	6	6	4	11	11	4	3	4	6	4	6	3	9	12	14	12	11	1			
1953				1	13	11	2	1	9	35	34	61	46	32	25	6	6	3	5	7	4	4	9	7	7	6	9	12	6	4					
1954	5	3	8	6	12	3	14	20	10	18	59	64	30	24	2	3	3	12	12	7	6	9	15	5	5	6	4								
1955	2	4	1		5	2	3	7	5	7	24	81	81	26	17	12	4	2	5	3	2	1	5	7	14	19	23	3							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	7	1826	100.0	9	1.50	155	1608	88.1	18	13.0	36	429	23.5	27	120	40	120	6.5
1	0.10	7	1819	99.6	10	1.90	171	1453	79.6	19	17.0	29	393	21.5	28	150	32	80	4.3
2	0.20	9	1812	99.2	11	2.40	301	1282	70.2	20	22.0	21	364	19.9	29	190	36	48	2.6
3	0.30	7	1803	98.7	12	3.10	224	981	53.7	21	28.0	24	343	18.8	30	250	11	12	.6
4	0.40	30	1796	98.4	13	3.90	172	757	41.5	22	35.0	43	319	17.5	31	320	1	1	
5	0.60	16	1766	96.7	14	5.00	62	585	32.0	23	45.0	26	276	15.1	32				
6	0.70	19	1750	95.8	15	6.40	33	523	28.6	24	57.0	34	250	13.7	33				
7	0.90	42	1731	94.8	16	8.10	24	490	26.8	25	73.0	38	216	11.8	34				
8	1.20	81	1689	92.5	17	10.00	37	466	25.5	26	93.0	58	178	9.7					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
COLORADO CREEK NEAR SPICER, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1951	244.0	2	232.0	2	227.0	2	200.0	2	177.0	2	160.0	2	119.0	2	92.0	2	62.0	2
1952	340.0	1	320.0	1	298.0	1	267.0	1	211.0	1	185.0	1	137.0	1	106.0	1	71.0	1
1953	229.0	3	218.0	3	197.0	3	168.0	3	145.0	3	101.0	3	73.0	3	56.0	3	38.0	3
1954	114.0	5	105.0	5	94.0	5	82.0	5	62.0	5	45.0	5	33.0	5	26.0	5	18.0	5
1955	129.0	4	115.0	4	107.0	4	97.0	4	95.0	4	87.0	4	67.0	4	52.0	4	35.0	4

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
COLORADO CREEK NEAR SPICER, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1952	1.20	3	1.20	3	1.40	3	1.60	3	1.60	3	1.70	3	1.80	2	1.90	2	2.30	3
1953	1.20	4	1.30	4	1.50	4	1.60	4	1.70	4	1.70	4	1.90	3	2.10	3	2.50	4
1954	0.30	2	0.37	2	0.41	2	0.44	2	0.58	2	1.20	2	2.00	4	2.20	4	2.20	2
1955	0.00	1	0.00	1	0.04	1	0.22	1	0.43	1	0.75	1	0.99	1	1.70	1	2.10	1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.7	2.7	2.9	2.6	2.2	3.1	20	107	117	16	4.8	1.4
1.5	0.42	0.83	0.56	0.36	1.4	53	2330	4810	207	7.2	0.60
1.2	0.65	0.91	0.75	0.60	1.2	7.3	48	69	14	2.7	0.78
0.24	-0.14	0.73	-0.71	0.34	0.24	-0.07	0.49	-0.52	0.68	-0.11	0.19
0.46	0.24	0.31	0.28	0.27	0.38	0.36	0.45	0.59	0.89	0.56	0.56
0.95	0.97	1.0	0.94	0.78	1.1	7.2	38	41	5.7	1.7	0.49

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.39	0.43	0.45	0.41	0.33	0.46	1.3	2.0	2.0	0.97	0.60	0.08
0.05	0.01	0.02	0.02	0.01	0.03	0.03	0.04	0.17	0.39	0.12	0.07
0.21	0.11	0.14	0.14	0.12	0.18	0.17	0.20	0.41	0.62	0.35	0.27
-0.10	-0.52	-0.06	-0.96	-0.28	-0.79	-0.43	0.25	-1.6	-1.2	-1.6	-0.15
0.55	0.25	0.31	0.34	0.37	0.39	0.13	0.10	0.21	0.65	0.58	3.3
4.2	4.6	4.8	4.3	3.5	4.9	14	21	21	10	6.4	0.88

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
24	115	11	0.02	0.46	0.471

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.3	0.05	0.22	-0.74	0.17	0.354

06611500 GRIZZLY CREEK NEAR WALDEN, COLO.

LOCATION.--Lat 40°38'08", long 106°23'46", in sec.29, T.8 N., R.80 W., Jackson County, 0.5 mi (0.8 km) upstream from confluence with Little Grizzly Creek and 8.5 mi (13.7 km) southwest of Walden.

DRAINAGE AREA.--258 mi² (668 km²).

REMARKS.--Diversions above station for irrigation of about 18,400 acres (74.5 km²) and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
GRIZZLY CREEK NEAR WALDEN, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR																	NUMBER OF DAYS IN CLASS																		
1927																	98	47	58	22	21	12	9	2	34	5	3	29	17	5	3				
1928																	60	31	81	47	23	21	10	1	24	5	4	7	9	13	22	6	2		
1929																		101	65	16	42	24	24	15	11	5	3	4	17	21	10	7			
1930														59		31		30	12	46	43	37	14	5	14	16	17	10	9	7	10	5			
1932												5	15	1	7	125	10	10	56	33	2	3	20	2	5	4	5	15	5	13	23	7			
1933								4			7	3	6	6	71	71	65	10	11	23		1	19	2	2	7	10	7	25	11	4				
1934	103				2	2		1	2	6		1	2		4	112	50	19	14	1	3	6	23	7	7										
1935	43											3	12	27	106	12	48	13	37	1	24	1	2	2	2	11	6	8	7						
1936												1	4	10	24	119	51	27	9	7	10	9	9	4	24	7	4	3	18	14	11	1			
1937										1	2	11	2	5	100	20	85	28	24	17	3	4	2	2	13	8	7	24	7						
1938														7	9	80	48	31	62	23	5	15	6	3	7	6	5	11	14	17	12	3	1		
1939		9	6	2	16	12	1	2	2	1	3	5	4	7	63	34	4	64	36	8	12	2	3	16	13	5	12	12	2	5	4				
1940	3	8	8	5	6	6	5	3	6	4	10	4	5	4	32	33	70	37	12	11	9	12	12	11	18	10	17	5							
1941						3			2	4	6	10	9	12	10	75	73	49	19	4	1	27	8	7	17	4	7	7	8	3					
1942												18	12	11	137	37	27	15	13	6	4		1	23	3	14	11	21	8	3	1				
1943								1	3	2	2	17	10	3	12	74	59	5	62	16	2	2	3	8	12	20	11	16	3	14	8				
1944	48	7	9	1	1	1		1		1	2	2	5	23	95	31	16	18	2	12	6	26	4	3	5	9	5	23	7	3					
1945	3		1				3	3	3		5	6	8	5	36	123	5	6	9	8	27	18	17	4	6	15	18	14	7	5	10				
1946				1	1	2	1		2		5	6	8	18	10	69	48	21	47	7	33		2	8	26	15	17	4	7	7					
1947			5	1	1	1		1	1		3	2	4	3	63	6	51	54	26	23	9	13	15	8	25	11	11	10	5	4	8	1			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	200	7305	100.0	9	1.50	19	6941	95.0	18	16.0	655	3161	43.3	27	180	230	709	9.7
1	0.10	24	7105	97.3	10	1.90	45	6922	94.8	19	21.0	331	2506	34.3	28	240	175	479	6.5
2	0.20	29	7081	96.9	11	2.50	94	6877	94.1	20	28.0	279	2175	29.8	29	310	145	304	4.1
3	0.30	10	7052	96.5	12	3.30	106	6783	92.9	21	37.0	233	1896	26.0	30	410	126	159	2.1
4	0.40	27	7042	96.4	13	4.30	201	6677	91.4	22	48.0	203	1663	22.8	31	540	30	33	.4
5	0.50	27	7015	96.0	14	5.60	779	6476	88.7	23	63.0	133	1460	20.0	32	700	3	3	
6	0.70	10	6988	95.7	15	7.30	1052	5697	78.0	24	82.0	268	1327	18.2	33				
7	0.90	16	6978	95.5	16	9.60	868	4645	63.6	25	110.0	177	1059	14.5	34				
8	1.10	21	6962	95.3	17	13.00	616	3777	51.7	26	140.0	173	882	12.1					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
GRIZZLY CREEK NEAR WALDEN, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1927	532.0	9	501.0	8	414.0	10	320.0	12	302.0	8	245.0	8	194.0	9	157.0	8	113.0	7
1928	712.0	1	691.0	1	618.0	1	561.0	1	495.0	2	404.0	1	305.0	1	239.0	1	167.0	1
1929	653.0	3	614.0	3	579.0	2	547.0	2	461.0	3	372.0	3	271.0	3	217.0	3	159.0	2
1930	596.0	6	566.0	5	535.0	4	419.0	6	407.0	4	287.0	6	229.0	5	179.0	5	132.0	5
1932	605.0	5	602.0	4	549.0	3	542.0	3	496.0	1	391.0	2	294.0	2	228.0	2	155.0	3
1933	516.0	10	475.0	10	410.0	11	360.0	9	331.0	7	267.0	7	200.0	8	152.0	10	103.0	10
1934	97.0	20	90.0	20	85.0	20	78.0	20	69.0	20	50.0	20	37.0	20	30.0	20	23.0	20
1935	302.0	17	279.0	17	271.0	17	222.0	17	185.0	18	117.0	19	85.0	19	67.0	19	48.0	19
1936	542.0	7	530.0	6	507.0	5	459.0	5	388.0	5	302.0	5	229.0	6	178.0	6	123.0	6
1937	262.0	18	257.0	18	240.0	18	203.0	18	189.0	17	166.0	15	120.0	16	94.0	16	66.0	16
1938	701.0	2	632.0	2	507.0	6	481.0	4	374.0	6	339.0	4	255.0	4	197.0	4	137.0	4
1939	452.0	12	439.0	12	418.0	9	331.0	11	255.0	11	180.0	13	135.0	14	105.0	14	72.0	14
1940	224.0	19	197.0	19	181.0	19	176.0	19	151.0	19	118.0	18	95.0	18	74.0	18	51.0	18
1941	372.0	14	336.0	15	288.0	15	273.0	14	206.0	16	146.0	17	112.0	17	88.0	17	61.0	17
1942	445.0	13	361.0	13	308.0	14	247.0	16	219.0	15	195.0	12	150.0	12	117.0	12	80.0	12
1943	511.0	11	443.0	11	401.0	12	393.0	8	299.0	9	242.0	10	205.0	7	163.0	7	112.0	8
1944	351.0	16	316.0	16	281.0	16	268.0	15	239.0	13	168.0	14	131.0	15	102.0	15	69.0	15
1945	533.0	8	511.0	7	496.0	7	416.0	7	296.0	10	244.0	9	193.0	10	156.0	9	109.0	9
1946	361.0	15	354.0	14	334.0	13	298.0	13	219.0	14	164.0	16	143.0	13	112.0	13	77.0	13
1947	625.0	4	482.0	9	435.0	8	345.0	10	254.0	12	216.0	11	175.0	11	141.0	11	97.0	11

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
GRIZZLY CREEK NEAR WALDEN, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1928	10.00	17	10.00	17	10.00	17	10.00	17	10.00	17	10.00	17	12.00	17	14.00	17	17.00	17
1929	14.00	18	15.00	18	15.00	18	15.00	18	15.00	18	15.00	18	15.00	18	16.00	18	17.00	18
1930	5.00	14	5.00	14	5.00	14	5.00	13	5.00	11	5.10	7	6.00	6	8.30	9	16.00	16
1933	2.00	10	3.00	11	3.40	11	3.50	11	4.00	8	6.50	12	7.30	12	8.00	6	9.40	10
1934	1.00	8	1.00	8	1.40	7	2.20	6	5.10	12	7.00	13	8.30	15	8.70	12	9.80	11
1935	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.72	1

06611500 GRIZZLY CREEK NEAR WALDEN, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
GRIZZLY CREEK NEAR WALDEN, CO.

YEAR	1	3	7	15	30	60	90	120	183
1936	3.10 12	3.40 12	3.90 12	4.50 12	5.50 13	5.90 10	6.80 10	8.30 10	9.00 9
1937	5.60 15	5.90 15	6.40 15	7.00 14	7.00 14	7.00 14	7.00 11	8.10 7	8.70 7
1938	1.60 9	2.30 9	2.70 10	2.80 9	4.10 9	6.10 11	7.50 13	8.50 11	8.60 6
1939	6.80 16	7.00 16	7.00 16	7.00 15	7.00 15	7.00 15	7.70 14	9.10 15	12.00 14
1940	0.10 5	0.10 5	0.10 5	0.19 3	1.20 4	2.70 4	3.40 4	8.80 13	11.00 13
1941	0.00 2	0.00 2	0.06 4	0.30 4	0.62 3	0.74 3	2.50 3	4.90 3	6.60 4
1942	0.51 7	0.57 7	1.50 8	2.50 8	4.10 10	5.80 9	6.30 9	6.50 4	6.60 5
1943	2.50 11	2.50 10	2.70 9	3.10 10	3.50 7	4.10 6	6.20 7	8.30 8	8.80 8
1944	0.00 3	0.00 3	0.00 2	0.34 5	1.60 5	3.30 5	5.90 5	6.70 5	6.50 3
1945	0.00 4	0.00 4	0.00 3	0.00 2	0.02 2	0.06 2	0.75 2	2.30 2	4.20 2
1946	3.20 13	3.80 13	4.50 13	7.90 16	9.00 16	9.10 16	10.00 16	13.00 16	15.00 15
1947	0.30 6	0.40 6	0.71 6	2.30 7	3.50 6	5.50 8	6.30 8	9.00 14	10.00 12

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
14	15	9.7	8.0	8.2	14	133	239	152	24	18	12
88	41	5.5	4.5	4.8	30	7740	14900	6300	308	293	223
9.4	6.4	2.3	2.1	2.2	5.4	88	122	79	18	17	15
0.74	1.1	1.1	1.9	1.5	0.52	1.2	0.67	0.08	0.78	1.1	2.4
0.67	0.43	0.24	0.27	0.27	0.39	0.66	0.51	0.52	0.73	0.94	1.2
2.2	2.3	1.5	1.2	1.3	2.2	20	37	23	3.7	2.8	1.9

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.0	1.1	0.98	0.89	0.90	1.1	2.0	2.3	2.1	1.2	1.00	0.76
0.15	0.05	0.01	0.01	0.01	0.03	0.09	0.08	0.23	0.19	0.36	0.51
0.39	0.22	0.10	0.10	0.11	0.17	0.30	0.28	0.48	0.43	0.60	0.72
-1.1	-1.5	0.64	0.78	0.47	0.01	-0.45	-1.5	-3.0	-1.2	-1.1	-1.9
0.38	0.19	0.10	0.12	0.12	0.15	0.15	0.12	0.23	0.35	0.61	0.95
6.6	7.3	6.3	5.8	5.8	7.2	13	15	13	8.0	6.5	4.9

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
54	465	22	0.10	0.40	0.401

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.7	0.04	0.21	-1.0	0.12	0.321

06611700 LITTLE GRIZZLY CREEK NEAR COALMONT, COLO.

LOCATION.--Lat 40°33'05", long 106°36'57", in SE¼NE¼ sec.29, T.7 N., R.82 W., (projected), Jackson County, on left bank 0.2 mi (0.3 km) downstream from Sawmill Creek, 2.7 mi (4.3 km) upstream from Doran Creek, and 9.5 mi (15.3 km) west of Coalmont.

DRAINAGE AREA.--10.1 mi^2 (26.2 km^2).

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LITTLE GRIZZLY CREEK NEAR COALMONT, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1968		15	101	63	22	21	21	8	3	8	9	7	8	3	3	3	10	5	6	4	3	5	5		2	1	4	1	3	7	5	5	3	2	
1969			2	78	47	63	26	14	11	9	14	3	3	6	2	5	6	4	5	1	1	4	6	7	8	6	11	4	6		1	1	9	2	
1970				59	52	47	25	31	28	18	15	3	5	3	5	4	2	4	2	2	1	4	3		2	5	1	5	12	10	14	2	1		
1971				32	19	54	47	43	29	17	9	8	5	2	7	12	1	1		8	8	3	3	3	7	3	4	6	8	9	9	5	3		
1972		5	1	22	43	47	46	69	14	7	11	13	3	2	4	5	5	3	3	1	5	3	9	2	4	2	2	4	6	7	5	5	7	1	
1973		1	82	14	59	33	20	16	9	8	8	4	5	5	5	8	3	8	2	4	7	6	3	2	4	1	7	12	7	7	4	11			

06611700 LITTLE GRIZZLY CREEK NEAR COALMONT, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LITTLE GRIZZLY CREEK NEAR COALMONT, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2192	100.0	9	4.70	86	821	37.5	18	19.0	19	428	19.5	27	74	36	229	10.4
1	1.30	6	2192	100.0	10	5.50	71	735	33.5	19	22.0	18	409	18.7	28	86	29	193	8.8
2	1.60	98	2186	99.7	11	6.40	64	664	30.3	20	25.0	27	391	17.8	29	100	43	164	7.4
3	1.90	139	2088	95.3	12	7.50	29	600	27.4	21	30.0	22	364	16.6	30	120	35	121	5.5
4	2.20	334	1949	88.9	13	8.70	28	571	26.0	22	34.0	28	342	15.6	31	140	45	86	3.9
5	2.60	220	1615	73.7	14	10.00	23	543	24.8	23	40.0	21	314	14.3	32	160	20	41	1.8
6	3.00	251	1395	63.6	15	12.00	30	520	23.7	24	47.0	18	293	13.4	33	180	17	21	.9
7	3.50	204	1144	52.2	16	14.00	32	490	22.4	25	54.0	22	275	12.5	34	210	4	4	.1
8	4.10	119	940	42.9	17	16.00	30	458	20.9	26	63.0	24	253	11.5					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LITTLE GRIZZLY CREEK NEAR COALMONT, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1968	218.0	1	213.0	1	194.0	2	164.0	3	141.0	2	87.0	6	63.0	6	49.0	6	33.0	6
1969	214.0	2	210.0	2	198.0	1	177.0	1	134.0	5	97.0	3	72.0	3	56.0	3	38.0	3
1970	183.0	5	172.0	5	163.0	5	146.0	5	136.0	3	110.0	1	78.0	2	60.0	2	40.0	2
1971	199.0	4	188.0	3	181.0	3	164.0	2	144.0	1	110.0	2	81.0	1	64.0	1	43.0	1
1972	201.0	3	182.0	4	174.0	4	162.0	4	134.0	4	91.0	4	65.0	5	51.0	5	34.0	5
1973	158.0	6	152.0	6	149.0	6	123.0	6	117.0	6	91.0	5	68.0	4	53.0	4	36.0	4

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LITTLE GRIZZLY CREEK NEAR COALMONT, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1969	2.10	3	2.10	3	2.20	3	2.30	3	2.30	3	2.40	3	2.40	2	2.60	2	2.80	2
1970	2.40	5	2.40	5	2.40	5	2.40	4	2.40	4	2.50	4	2.60	4	2.70	3	3.40	4
1971	2.20	4	2.30	4	2.30	4	2.40	5	2.40	5	2.70	5	3.00	5	3.20	5	3.70	5
1972	2.00	2	2.00	2	2.10	2	2.10	2	2.10	2	2.30	2	2.50	3	2.80	4	3.10	3
1973	1.40	1	1.40	1	1.60	1	1.60	1	1.60	1	1.60	1	1.70	1	1.90	1	2.70	1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
4.2	3.5	3.0	2.6	2.3	2.2	6.3	69	116	24	5.2	3.5
1.5	0.62	0.37	0.30	0.24	0.14	7.8	852	746	78	0.93	0.41
1.2	0.79	0.61	0.55	0.49	0.37	2.8	29	27	8.8	0.97	0.64
-0.51	-0.55	-0.25	0.23	0.03	-1.1	0.33	0.46	-0.83	0.31	-1.1	-0.25
0.29	0.23	0.20	0.21	0.22	0.17	0.44	0.42	0.23	0.37	0.19	0.18
1.7	1.4	1.2	1.1	0.94	0.92	2.6	29	48	10.0	2.1	1.5

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.60	0.53	0.47	0.40	0.35	0.34	0.76	1.8	2.1	1.4	0.71	0.54
0.02	0.01	0.01	0.01	0.01	0.01	0.04	0.04	0.01	0.03	0.01	0.01
0.14	0.11	0.09	0.09	0.10	0.08	0.20	0.21	0.11	0.17	0.09	0.08
-0.80	-1.1	-0.52	-0.10	-0.37	-1.2	-0.04	-1.1	-1.2	-0.47	-1.3	-0.57
0.23	0.20	0.20	0.23	0.28	0.23	0.26	0.12	0.06	0.12	0.13	0.15
6.1	5.4	4.7	4.1	3.5	3.5	7.7	18	21	14	7.1	5.5

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
20	4.9	2.2	0.50	0.11	0.080

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.3	0.00	0.05	0.37	0.04	0.080

06612000 LITTLE GRIZZLY CREEK NEAR HEBRON, COLO.

LOCATION.--Lat 40°37'43", long 106°24'10", in NW¼NW¼ sec.32, T.8 N., R.80 W., Jackson County, 1 mi (1.6 km) upstream from confluence with Grizzly Creek, 3 mi (4.8 km) north of Hebron, and 9 mi (14 km) southwest of Walden.

DRAINAGE AREA.--98.6 mi² (255 km²).

REMARKS.--Diversions above station for irrigation of about 11,500 acres (46.5 km²).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LITTLE GRIZZLY CREEK NEAR HEBRON, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1905								1				1		15	17	3	63	116	19	10	7	22	7	4	6	6	12	6	11	18	6	14	1		
1932								16			11			2		9	60	3	65	10	16	32	17	30	5	10	6	4	22	12	17	19			
1933								13			2		3		5	71	50	53	27	6	12	37	2	4	7	9	13	12	13	5	12	9			
1934	85	3	2	2			2	13	4			2				65	66	14	42	1	4	9	4	5	14	10	12	6							
1935	4							2	2	16	12	6	11	6	2	66	37	56	25	9	21	24	8	8	10	1	3	6	14	6	7	3			
1936											1	1	11	34	10	5		105	22	49	9	10	12	1	26	2	2	7	10	18	26	5			
1937												9	4	16	17	97	5	66	20	15	17	11	10	3	9	13	10	10	14	16	3				
1938					1	3		1		4	1	2	1	9	11	13	34	58	51	53	12	8	6	17	1	4	15	9	15	22	14				
1939	20	1	2	3	2	2	3	4	3	1	3	7	8	3	10	10	71	51	67	6	5	2	1	20	3	8	22	13	13	1					
1940						3	7	10		10	11	3	10	8	6	105	6	49	44	4	3	10	6	12	14	9	11	5	10	10					
1941											3	1	6	7	5	8	43	158	14	33	8	9	7	2	2	11	15	24	7	2					
1942							1	5	5	3	5	3	33	47	9	34	32	5	6	42	8	31	5	4	25	24	9	6	15	7	1				
1943											3	3	14	14	19	15	86	45	39	8	8	8	5	5	6	9	21	9	21	21	5	1			
1944			5	5	4		5	12	1	5	7	2	8	12	8	99	54	19	13	8	13	3	19	5	6	5	14	9	19	6					
1945												1	2	6	19	38	132	19	23	5	1	7	7	12	5	9	20	19	15	12	13				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	109	5479	100.0	9	1.40	39	5222	95.3	18	15.0	477	2461	44.9	27	160	145	656	11.9
1	0.10	4	5370	98.0	10	1.80	59	5183	94.6	19	19.0	259	1984	36.2	28	200	199	511	9.3
2	0.20	9	5366	97.9	11	2.30	41	5124	93.5	20	25.0	144	1725	31.5	29	270	156	312	5.6
3	0.30	10	5357	97.8	12	3.00	111	5083	92.8	21	32.0	223	1581	28.9	30	350	104	156	2.8
4	0.40	7	5347	97.6	13	4.00	179	4972	90.7	22	42.0	116	1358	24.8	31	450	51	52	.9
5	0.50	8	5340	97.5	14	5.20	138	4793	87.5	23	55.0	132	1242	22.7	32	590	1	1	
6	0.60	18	5332	97.3	15	6.70	638	4655	85.0	24	71.0	139	1110	20.3	33				
7	0.80	77	5314	97.0	16	8.70	739	4017	73.3	25	93.0	130	971	17.7	34				
8	1.10	15	5237	95.6	17	11.00	817	3278	59.8	26	120.0	185	841	15.3					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LITTLE GRIZZLY CREEK NEAR HEBRON, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1905	592.0	1	532.0	2	501.0	2	483.0	1	410.0	1	323.0	3	249.0	3	195.0	3	133.0	3
1932	585.0	2	565.0	1	539.0	1	467.0	2	383.0	4	369.0	1	304.0	1	245.0	1	170.0	1
1933	513.0	3	498.0	3	491.0	3	454.0	3	388.0	2	275.0	4	218.0	5	170.0	7	116.0	7
1934	182.0	15	177.0	15	163.0	15	136.0	15	118.0	15	93.0	15	68.0	15	54.0	15	38.0	15
1935	476.0	6	468.0	4	431.0	5	384.0	5	302.0	5	193.0	9	145.0	9	117.0	9	81.0	9
1936	508.0	4	466.0	5	446.0	4	424.0	4	384.0	3	341.0	2	266.0	2	211.0	2	146.0	2
1937	408.0	9	378.0	9	326.0	10	288.0	9	276.0	8	213.0	8	166.0	8	133.0	8	91.0	8
1938	442.0	8	415.0	7	387.0	7	351.0	6	298.0	6	269.0	5	227.0	4	180.0	4	125.0	4
1939	291.0	14	269.0	14	238.0	14	202.0	14	184.0	14	164.0	13	126.0	12	99.0	12	68.0	12
1940	328.0	12	319.0	11	305.0	11	260.0	11	215.0	12	161.0	14	125.0	13	98.0	13	67.0	13
1941	337.0	11	307.0	12	246.0	13	210.0	13	194.0	13	165.0	12	121.0	14	95.0	14	66.0	14
1942	444.0	7	355.0	10	331.0	9	279.0	10	245.0	10	170.0	11	131.0	11	106.0	10	72.0	10
1943	479.0	5	446.0	6	392.0	6	304.0	8	285.0	7	228.0	7	213.0	7	174.0	5	119.0	5
1944	324.0	13	305.0	13	265.0	12	242.0	12	222.0	11	176.0	10	133.0	10	105.0	11	71.0	11
1945	404.0	10	384.0	8	370.0	8	320.0	7	260.0	9	251.0	6	215.0	6	174.0	6	119.0	6

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LITTLE GRIZZLY CREEK NEAR HEBRON, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1933	1.00	7	1.00	7	1.00	6	1.10	6	1.90	5	6.70	10	8.00	11	9.00	11	11.00	11
1934	1.00	8	1.00	8	1.00	7	1.10	7	5.40	12	8.50	12	8.60	12	8.60	10	9.30	9
1935	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.21	1	3.70	1
1936	1.40	9	1.40	9	1.40	9	1.70	8	2.90	7	4.50	8	6.40	8	9.60	12	10.00	10
1937	3.80	13	4.00	12	4.30	12	4.40	12	4.90	11	7.00	11	7.30	9	8.50	9	9.20	8
1938	0.41	4	0.47	4	1.30	8	1.80	9	3.50	9	4.10	7	5.20	6	7.60	7	8.70	6
1939	3.70	12	4.10	13	5.20	13	8.00	13	9.00	13	9.00	13	9.70	13	11.00	13	12.00	12
1940	0.00	2	0.00	2	0.00	2	0.00	2	0.24	2	1.40	2	3.70	3	6.10	3	7.60	3
1941	0.51	5	0.57	5	0.57	4	0.76	4	1.20	4	2.10	4	4.20	4	7.40	6	9.10	7
1942	1.90	10	2.00	10	2.80	11	3.00	11	3.00	8	4.00	6	5.30	7	6.30	4	22.00	13
1943	0.61	6	0.77	6	0.92	5	1.10	5	2.20	6	3.50	5	5.10	5	6.60	5	8.10	4
1944	2.20	11	2.20	11	2.50	10	2.80	10	3.60	10	5.00	9	7.30	10	8.00	8	8.10	5
1945	0.21	3	0.20	3	0.23	3	0.29	3	0.54	3	1.80	3	3.10	2	4.40	2	6.10	2

06612000 LITTLE GRIZZLY CREEK NEAR HEBRON, COLO.--Continued

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
16	17	10	8.7	9.0	14	85	193	234	52	12	6.4
295	59	3.8	5.1	5.7	12	2890	6260	11400	2260	124	36
17	7.7	1.9	2.3	2.4	3.5	54	79	107	48	11	6.0
3.1	1.4	0.79	-0.81	0.88	0.15	1.2	0.76	-0.36	1.2	1.4	2.2
1.1	0.47	0.19	0.26	0.27	0.25	0.63	0.41	0.46	0.91	0.91	0.93
2.4	2.5	1.6	1.3	1.4	2.1	13	29	36	7.9	1.9	0.98

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.1	1.2	1.0	0.92	0.94	1.1	1.9	2.3	2.3	1.4	0.90	0.66
0.10	0.03	0.01	0.02	0.01	0.01	0.06	0.03	0.18	0.76	0.23	0.17
0.32	0.18	0.08	0.14	0.11	0.11	0.25	0.19	0.42	0.87	0.48	0.41
0.95	0.68	0.35	-2.1	-0.07	-0.47	0.52	-0.48	-2.9	-2.5	-0.60	-0.64
0.30	0.15	0.08	0.16	0.12	0.10	0.13	0.08	0.18	0.63	0.53	0.63
6.8	7.6	6.5	5.9	6.1	7.3	12	14	15	8.9	5.8	4.2

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
55	368	19	0.28	0.35	0.144

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.7	0.03	0.17	-0.63	0.10	0.082

06612500 ROARING FORK NEAR WALDEN, COLO.

LOCATION.--Lat 40°40'59", long 106°27'36", in SW¼NW¼ sec.11, T.8 N., R.81 W., Jackson County, about 1 mi (1.6 km) upstream from mouth and 10 mi (16 km) southwest of Walden.

DRAINAGE AREA.--79.1 mi² (205 km²).

REMARKS.--Diversions above station for irrigation of about 9,000 acres (36.4 km²) and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ROARING FORK NEAR WALDEN, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1924									29	31		100	13	54	9	8	18	1	6	5	2	2	27	14	14	4	2	3	3	5	9	2	2	1	2
1925									59	31	9	71	12	8	4	8	12	20	39	31	13	7	9	3	6	8	4	5	5	1					
1926											15	63	43	36	6	22	23	14	36	8	5	21	4	8	13	12	5	9	11	9	2				
1927										70	8	40	54	8	8	17	9	11	11	13	10	13	9	4	17	8	6	14	7	11	7	8	2		
1928										60		66	4	36	31	16	20	8	7	10	14	10	7	14	11	9	11	8	7	7	1	4	5		
1929							90			31	2	48	10	1				8	44	21	10	15	15	22	11	6	3	3	6	5	9	5			
1930									1	41	32	5	67	7	1	39	12	30	14	10	18	20	10	7	6	6	6	13	9	6	3	1	1		
1931						3	62	4	85	10	19	32	26	17	25	24	14	9	7	8	6	2	2	2	5	3									
1932							29		31	65	4	14	30	16	20	3	3	6	8	9	3	8	34	9	9	14	14	9	8	6	8	5	1		
1933				28	31		31		5	44	25	25	22	34	18	17	17	15	7	5	6	5	1	2	2	1	2	5	4	2	9	2			
1934		6	18	20	9	43	51	8	56	23	14	39	16	3	9	14	7	6	1	3	5	9	2	1	1		1								
1935				4	15	9	20	4	122	40	2	4	14	29	3	14	15	6	14	9	3	6	4	1	2	1	6	5	7	3	3				
1936				1	1	36	8		65	12	29	46	15	8	1	6	3	8	9	32	7	6	3	2	7	7	7	10	13	9	11	4			
1937					31	28	31		2	40	33	18	35	26	6	5	8	11	10	7	13	9	10	12	8	4	7	4	3	4					
1938									59	38	14	57	25	14	11	16	19	12	17	10	4	4	6	4	4	9	3	14	9	8	7	1			
1939						2	2		63	41	20	92	19	19	11	8	27	17	11	5	4	6	6	4	3	3	2								
1940					2	1	60	2	55	19	32	54	24	20	19	14	13	8	4	6	3	2	7	5	6	2	2	4	2						
1941									93	32	24	30	34	25	31	20	12	9	5	8	6	9	8	4	7	4	3	1							
1942				31		28	7	2	62	3	44	4	39	16	12	10	43	7	6	11	7	9	5	5	3	2	2	4	2	1					
1943						32	33	6	51	1	31	43	14	5	10	4	9	14	6	10	14	10	7	13	14	7	5	4	8		7	5	2		
1944						95	44	9	26	12	25	7	12	24	17	19	17	11	4	7	4	6	5	7	8	5	2								
1945						59	31	1	51	11	23	4	4	36	5	9	5	6	5	8	13	12	15	9	15	9	9	14	4	1	3	3			
1946									61	3	34	34	41	64	14	25	18	16	11	14	4	8	3	1	1	1	3	5	2	1	1				
1947						59			31	2	14	49	24	20	13	8	16	12	13	13	26	12	12	6	16	5	2	5	4	2			1		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	8766	100.0	9	15.00	651	6591	75.2	18	59.0	291	2222	25.3	27	240	135	458	5.2
1	4.10	6	8766	100.0	10	17.00	426	5940	67.8	19	69.0	271	1931	22.0	28	280	111	323	3.6
2	4.90	18	8760	99.9	11	20.00	1007	5514	62.9	20	81.0	202	1660	18.9	29	330	78	212	2.4
3	5.70	84	8742	99.7	12	23.00	537	4507	51.4	21	94.0	201	1458	16.6	30	380	78	134	1.5
4	6.70	89	8658	98.8	13	27.00	520	3970	45.3	22	110.0	208	1257	14.3	31	450	40	56	.6
5	7.80	395	8569	97.8	14	32.00	322	3450	39.4	23	130.0	158	1049	12.0	32	520	13	16	.1
6	9.10	499	8174	93.2	15	37.00	299	3128	35.7	24	150.0	189	891	10.2	33	610	1	3	
7	11.00	37	7675	87.6	16	43.00	358	2829	32.3	25	180.0	130	702	8.0	34	710	2	2	
8	12.00	1047	7638	87.1	17	51.00	249	2471	28.2	26	210.0	114	572	6.5					

06612500 ROARING FORK NEAR WALDEN, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ROARING FORK NEAR WALDEN, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1924	732.0	1	697.0	1	583.0	1	473.0	1	381.0	2	259.0	5	221.0	5	181.0	6	127.0	6
1925	330.0	18	305.0	18	264.0	18	243.0	15	211.0	14	152.0	15	123.0	16	110.0	15	92.0	13
1926	383.0	15	368.0	13	358.0	12	337.0	11	290.0	10	226.0	8	201.0	8	168.0	7	124.0	8
1927	588.0	2	531.0	3	464.0	5	443.0	2	399.0	1	304.0	1	270.0	1	228.0	1	168.0	1
1928	562.0	4	541.0	2	529.0	2	430.0	4	337.0	6	274.0	4	229.0	4	196.0	4	142.0	4
1929	493.0	9	484.0	6	466.0	4	408.0	5	360.0	4	258.0	6	213.0	6	181.0	5	142.0	5
1930	465.0	12	352.0	15	312.0	13	264.0	13	219.0	13	142.0	16	151.0	11	130.0	11	105.0	11
1931	202.0	24	187.0	23	178.0	22	146.0	21	103.0	23	66.0	23	60.0	23	49.0	23	40.0	23
1932	532.0	6	501.0	5	475.0	3	431.0	3	356.0	5	283.0	3	249.0	2	218.0	2	161.0	2
1933	502.0	8	467.0	9	437.0	8	399.0	6	310.0	8	183.0	11	140.0	13	116.0	14	84.0	15
1934	230.0	23	163.0	24	122.0	24	111.0	24	92.0	24	63.0	24	51.0	24	42.0	24	31.0	24
1935	447.0	13	434.0	10	377.0	11	338.0	10	268.0	11	171.0	12	129.0	15	106.0	16	77.0	16
1936	508.0	7	478.0	7	441.0	7	384.0	7	368.0	3	294.0	2	246.0	3	204.0	3	147.0	3
1937	374.0	17	334.0	16	301.0	14	237.0	16	203.0	15	170.0	13	143.0	12	119.0	13	86.0	14
1938	469.0	11	429.0	11	405.0	10	355.0	9	333.0	7	229.0	7	205.0	7	167.0	10	124.0	9
1939	234.0	22	215.0	20	176.0	23	141.0	22	125.0	22	93.0	22	78.0	22	64.0	22	51.0	22
1940	305.0	19	260.0	19	254.0	19	189.0	19	165.0	18	110.0	18	86.0	21	72.0	21	56.0	21
1941	262.0	20	213.0	21	181.0	21	138.0	23	131.0	21	109.0	19	87.0	19	75.0	19	59.0	19
1942	375.0	16	322.0	17	265.0	17	233.0	18	168.0	17	112.0	17	93.0	17	77.0	18	60.0	18
1943	541.0	5	515.0	4	450.0	6	384.0	8	305.0	9	220.0	9	194.0	9	168.0	8	126.0	7
1944	234.0	21	212.0	22	186.0	20	164.0	20	144.0	20	109.0	20	87.0	20	74.0	20	56.0	20
1945	486.0	10	471.0	8	432.0	9	319.0	12	259.0	12	198.0	10	183.0	10	167.0	9	123.0	10
1946	399.0	14	357.0	14	282.0	15	256.0	14	156.0	19	100.0	21	90.0	18	78.0	17	64.0	17
1947	570.0	3	408.0	12	274.0	16	234.0	17	199.0	16	154.0	14	138.0	14	126.0	12	98.0	12

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ROARING FORK NEAR WALDEN, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1925	12.00	18	12.00	18	12.00	18	12.00	16	12.00	16	12.00	18	13.00	18	15.00	18	18.00	15
1926	17.00	23	18.00	23	18.00	23	20.00	23	20.00	23	20.00	23	22.00	23	24.00	23	36.00	23
1927	15.00	21	15.00	21	15.00	21	15.00	21	15.00	21	15.00	21	17.00	21	18.00	21	19.00	19
1928	15.00	22	15.00	22	15.00	22	15.00	22	15.00	22	15.00	22	17.00	22	18.00	22	23.00	21
1929	10.00	14	10.00	14	10.00	13	10.00	11	10.00	11	10.00	10	10.00	9	11.00	7	15.00	9
1930	12.00	19	12.00	19	12.00	19	12.00	17	12.00	17	14.00	20	16.00	20	17.00	19	27.00	22
1931	10.00	15	10.00	15	10.00	14	10.00	12	10.00	12	10.00	11	11.00	13	11.00	8	18.00	16
1932	8.00	9	9.30	13	10.00	15	10.00	13	10.00	13	11.00	14	12.00	14	13.00	14	18.00	17
1933	6.00	4	6.00	3	6.00	3	6.00	3	6.10	3	6.60	1	7.70	1	9.50	3	15.00	10
1934	9.00	13	9.00	12	9.00	10	9.00	8	9.00	8	9.50	8	10.00	10	11.00	9	14.00	7
1935	4.20	1	4.50	1	4.80	1	5.20	1	5.60	1	7.50	2	8.90	5	9.20	2	9.90	1
1936	5.70	2	6.60	4	8.20	7	9.00	9	9.00	9	10.00	12	11.00	11	12.00	10	13.00	5
1937	7.00	5	7.00	5	7.00	4	7.00	4	7.00	4	7.50	3	8.30	2	10.00	5	14.00	6
1938	12.00	16	12.00	16	12.00	16	12.00	18	12.00	18	12.00	15	13.00	15	14.00	16	17.00	13
1939	12.00	17	12.00	17	12.00	17	12.00	19	12.00	19	12.00	16	13.00	16	15.00	17	18.00	14
1940	8.60	10	8.80	9	10.00	11	10.00	14	10.00	14	10.00	13	11.00	12	12.00	11	15.00	8
1941	7.00	6	7.40	6	10.00	12	12.00	15	12.00	15	12.00	17	13.00	17	13.00	15	16.00	11
1942	6.00	3	6.00	2	6.00	2	6.00	2	6.00	2	7.50	4	9.00	6	11.00	6	19.00	18
1943	9.00	11	9.00	10	9.00	8	9.00	10	9.00	10	9.50	9	10.00	7	12.00	12	12.00	4
1944	8.00	7	8.00	7	8.00	5	8.00	5	8.00	5	8.00	5	8.30	3	8.70	1	11.00	2
1945	8.00	8	8.00	8	8.00	6	8.00	6	8.00	6	8.00	6	8.70	4	9.80	4	12.00	3
1946	13.00	20	13.00	20	13.00	20	13.00	20	13.00	20	13.00	19	15.00	19	18.00	20	21.00	20
1947	9.00	12	9.00	11	9.00	9	9.00	7	9.00	7	9.10	7	10.00	8	12.00	13	16.00	12

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
28	22	14	11	11	19	87	120	217	83	50	29
210	55	19	10	8.9	25	2720	5020	8870	2670	516	329
15	7.4	4.3	3.2	3.0	5.0	52	71	94	52	23	18
1.7	1.2	0.94	0.87	0.78	0.62	0.81	0.64	-0.14	0.74	0.61	1.7
0.52	0.34	0.31	0.29	0.26	0.27	0.60	0.59	0.43	0.63	0.46	0.63
4.1	3.2	2.0	1.6	1.7	2.7	13	17	31	12	7.2	4.2

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.4	1.3	1.1	1.0	1.0	1.3	1.9	2.0	2.3	1.8	1.7	1.4
0.04	0.02	0.02	0.02	0.01	0.01	0.07	0.08	0.08	0.11	0.04	0.06
0.21	0.14	0.13	0.12	0.11	0.12	0.26	0.28	0.28	0.34	0.21	0.24
0.01	0.39	0.52	0.05	-0.17	-0.13	0.29	-0.28	-2.2	-1.0	-0.16	0.28
0.15	0.10	0.11	0.12	0.11	0.09	0.14	0.14	0.12	0.19	0.12	0.18
7.7	7.3	6.2	5.6	5.8	6.9	10	11	13	10.0	9.1	7.6

06612500 ROARING FORK NEAR WALDEN, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
58	443	21	0.05	0.37	0.120

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.7	0.03	0.17	-0.49	0.10	0.080

06613000 NORTH PLATTE RIVER NEAR WALDEN, COLO.

LOCATION.--Lat 40°41'56", long 106°24'54", in NW¼NE¼ sec.6, T.8 N., R.80 W., Jackson County, about 2 mi (3.2 km) downstream from Roaring Fork and 8 mi (13 km) southwest of Walden.

DRAINAGE AREA.--469 mi^2 (1,215 km^2).

REMARKS.--Diversions above station for irrigation of about 43,000 acres (174 km^2).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH PLATTE RIVER NEAR WALDEN, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1905								6	17	15	2	63	31	68	19	15	2	15	9	7	12	13	6	7	7	6	6	7	10	3	7	9	2	1	
1924										8	11	44	71	34	6	9	13	46	18	4	6	6	3	6	9	5	6	6	14	18	8	10	2	3	
1925										59		31		1	2	2	13	101	24	12	15	15	20	9	13	9	13	10	12	4					
1926											1	6	32	62	32	1	6	70	18	18	15	14	7	6	7	4	5	2	9	19	25	2	1	3	
1927										31	59		26	11	48	6	24	18	8	5	14	9	6	2	16	2	3	8	7	7	17	22	12	4	
1928														6	69	12	88	40	13	13	11	15	10	9	4	7	4	6	11	9	15	8	4	10	2
1929											59	31	8	53	18	13		11	21	11	5	19	11	12	14	7	2	5	4	14	15	19	13		
1930											31	28	31	32	7	1	44	30	19	12	20	22	12	5	4	9	3	21	11	11	4	4		4	
1931					4	2	3	20	41	35	68	10	17	8	14	10	9	15	12	6	13	15	36	8	5	7	5	2							
1932										4	72	5	49	8	45	20	15	13	5	3	5	11	7	2	5	6	7	26	9	14	13	15	5	2	
1933						28		31		33	5	9	41	50	37	18	7	25	3	2	3	1	9	7	6	5	11	8	2	2	9	6	7		
1934		2	7	14	3	20	9	12	14	47	58	40	17	8	41	1	1	7	6	8	10	20	8	5	6	1									
1935				4	14	2	8	8	9	21	100	30	13	7	8	6	27	20	12	9	9	6	6	5	2	4	4	8	6	6	5	1	3	2	
1936										6	17	52	96	16	38	3	8	14	5	8	9	6	5		1	3	8	5	8	12	20	19	6	1	
1937								31	28	42	9	8	21	23	31	41	5	6	13	10	8	5	7	9	6	5	19	16	15	3	3	1			
1938											36	69	16	45	34	27	14	21	10	5	1	2	2	4	3	4	5	10	7	10	25	12	2		1
1939						3	1		18	10	37	48	11	81	19	43	2	4	5	3	1	5	17	9	7	13	10	7	8	3					
1940								1	11	70	9	20	56	70	25	7	1	7	5	6	9	11	5	15	5	6	9	6	9	3					
1941									31	60	22	9	21	62	16	19	17	11	6	20	6	3	2	4	13	14	15	6	5	3					
1942								5	11	13	10	1	95	66	6	11	26	28	14	7	7	7	11	9	5	5	6	5	9	4	3	1			
1943									62	42	19	35	12	40	1	5	8	7	12	12	7	7	4	5	11	6	10	12	19	14	11	1	2	1	
1944					4	8	8	103	8	43	17	37	8	5	5	6	11	5	5	5	23	5	3	4	8	15	17	11	2						
1945								59	32		82	4	8	5	29	7	6	7	2	3	3	5	1	4	16	26	14	12	11	10	10	9			
1946											59	38	20	26	33	27	45	17	3	4	4	5	13	21	11	6	4	10	10	6	3				
1947									59			4	12	72	38	23	8	8	5	18	16	9	7	7	13	14	15	14	6	5	8	1	2	1	

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	9131	100.0	9	22.00	504	8378	91.8	18	110.0	253	2960	32.4	27	530	229	1061	11.6
1	5.20	2	9131	100.0	10	26.00	809	7874	86.2	19	130.0	211	2707	29.6	28	630	213	832	9.1
2	6.20	7	9129	100.0	11	31.00	602	7065	77.4	20	150.0	214	2496	27.3	29	760	182	619	6.7
3	7.40	18	9122	99.9	12	37.00	741	6463	70.8	21	180.0	254	2282	25.0	30	900	201	437	4.7
4	8.90	21	9104	99.7	13	44.00	862	5722	62.7	22	220.0	220	2028	22.2	31	1100	140	236	2.5
5	11.00	59	9083	99.5	14	52.00	621	4860	53.2	23	260.0	173	1808	19.8	32	1300	61	96	1.0
6	13.00	29	9024	98.8	15	63.00	332	4239	46.4	24	310.0	193	1635	17.9	33	1500	32	35	.3
7	15.00	181	8995	98.5	16	75.00	395	3907	42.8	25	370.0	182	1442	15.8	34	1800	3	3	
8	18.00	436	8814	96.5	17	89.00	552	3512	38.5	26	440.0	199	1260	13.8					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH PLATTE RIVER NEAR WALDEN, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1905	1500.0	12	1370.0	13	1300.0	11	1190.0	7	971.0	8	716.0	10	556.0	13	448.0	13	313.0	13
1924	1640.0	5	1590.0	3	1400.0	2	1220.0	5	1070.0	5	844.0	7	727.0	7	578.0	8	396.0	9
1925	835.0	20	808.0	20	756.0	21	671.0	19	574.0	19	468.0	20	422.0	18	356.0	16	275.0	16
1926	1630.0	6	1580.0	4	1320.0	10	1070.0	11	966.0	9	821.0	8	721.0	8	587.0	7	415.0	7
1927	1590.0	7	1530.0	5	1370.0	4	1280.0	3	1200.0	2	1090.0	1	960.0	1	778.0	1	550.0	1
1928	1910.0	1	1840.0	1	1760.0	1	1490.0	1	1300.0	1	1080.0	2	848.0	4	696.0	4	490.0	4
1929	1460.0	13	1420.0	12	1390.0	3	1220.0	4	1150.0	3	1050.0	3	892.0	2	733.0	2	530.0	2
1930	1770.0	4	1670.0	2	1350.0	5	979.0	13	895.0	11	644.0	14	594.0	11	479.0	11	366.0	11

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH PLATTE RIVER NEAR WALDEN, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1931	580.0	24	538.0	24	510.0	24	434.0	24	350.0	24	290.0	24	259.0	24	[illegible]	24	146.0	24
1932	1540.0	8	1480.0	7	1340.0	7	1310.0	2	1020.0	6	973.0	5	842.0	5	710.0	3	499.0	3
1933	1360.0	14	1340.0	14	1330.0	8	1210.0	6	1020.0	7	706.0	11	539.0	14	422.0	14	297.0	14
1934	388.0	25	345.0	25	326.0	25	275.0	25	253.0	25	207.0	25	168.0	25	137.0	25	100.0	25
1935	1530.0	10	1490.0	6	1350.0	6	1110.0	10	853.0	12	584.0	15	434.0	16	351.0	17	248.0	18
1936	1500.0	11	1430.0	10	1320.0	9	1180.0	8	1070.0	4	1030.0	4	848.0	3	682.0	5	471.0	5
1937	1120.0	17	980.0	18	937.0	17	754.0	18	696.0	16	569.0	16	491.0	15	406.0	15	289.0	15
1938	1800.0	2	1420.0	11	1220.0	12	1140.0	9	955.0	10	891.0	6	770.0	6	600.0	6	422.0	6
1939	843.0	19	812.0	19	766.0	20	609.0	22	523.0	22	462.0	21	375.0	20	300.0	20	211.0	21
1940	834.0	21	798.0	21	772.0	19	662.0	20	572.0	20	440.0	23	349.0	23	278.0	23	197.0	23
1941	816.0	22	741.0	23	650.0	23	556.0	23	521.0	23	455.0	22	352.0	22	288.0	22	208.0	22
1942	1290.0	15	1090.0	16	970.0	16	808.0	16	668.0	17	470.0	19	364.0	21	297.0	21	213.0	20
1943	1540.0	9	1440.0	8	1180.0	13	885.0	14	828.0	13	662.0	12	650.0	10	543.0	10	384.0	10
1944	768.0	23	743.0	22	692.0	22	643.0	21	587.0	18	517.0	17	414.0	19	342.0	19	237.0	19
1945	1170.0	16	1160.0	15	1140.0	14	1020.0	12	756.0	14	725.0	9	653.0	9	571.0	9	399.0	8
1946	1010.0	18	997.0	17	842.0	18	796.0	17	545.0	21	488.0	18	432.0	17	350.0	18	256.0	17
1947	1780.0	3	1440.0	9	983.0	15	875.0	15	696.0	15	659.0	13	558.0	12	464.0	12	334.0	12

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH PLATTE RIVER NEAR WALDEN, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1925	22.00	13	23.00	14	24.00	14	25.00	12	25.00	12	25.00	11	28.00	10	44.00	21	53.00	20
1926	45.00	22	45.00	22	45.00	22	45.00	22	45.00	22	45.00	22	50.00	22	60.00	22	83.00	23
1927	25.00	15	25.00	15	25.00	15	25.00	13	25.00	13	27.00	12	28.00	11	32.00	11	37.00	10
1928	60.00	23	60.00	23	60.00	23	60.00	23	60.00	23	60.00	23	67.00	23	70.00	23	81.00	22
1929	30.00	20	30.00	19	30.00	19	30.00	19	30.00	19	30.00	17	32.00	15	35.00	13	42.00	15
1930	30.00	21	30.00	20	30.00	20	30.00	20	30.00	20	33.00	20	35.00	19	38.00	17	59.00	21
1931	16.00	8	18.00	10	20.00	11	20.00	10	20.00	10	23.00	9	25.00	8	26.00	7	50.00	19
1932	10.00	2	10.00	2	12.00	2	14.00	4	19.00	7	29.00	15	32.00	16	37.00	16	39.00	13
1933	12.00	3	12.00	3	12.00	3	12.00	2	12.00	2	14.00	2	18.00	3	23.00	4	31.00	5
1934	25.00	16	25.00	16	25.00	16	25.00	14	25.00	14	27.00	13	29.00	12	31.00	9	37.00	11
1935	5.20	1	5.60	1	6.50	1	7.90	1	8.50	1	11.00	1	14.00	1	14.00	1	17.00	1
1936	20.00	12	21.00	12	22.00	12	25.00	15	27.00	15	29.00	14	32.00	17	35.00	14	35.00	9
1937	15.00	6	15.00	6	15.00	5	15.00	5	15.00	3	18.00	4	20.00	5	28.00	8	34.00	7
1938	23.00	14	23.00	13	24.00	13	25.00	16	28.00	16	32.00	18	33.00	18	37.00	15	38.00	12
1939	29.00	18	30.00	21	30.00	17	30.00	17	30.00	17	33.00	19	37.00	20	39.00	18	47.00	17
1940	12.00	4	12.00	4	15.00	6	17.00	6	24.00	11	25.00	10	30.00	13	33.00	12	35.00	8
1941	17.00	9	18.00	11	19.00	10	20.00	11	20.00	8	22.00	8	23.00	7	26.00	5	31.00	6
1942	26.00	17	27.00	17	31.00	21	33.00	21	40.00	21	40.00	21	40.00	21	43.00	20	48.00	18
1943	15.00	7	16.00	7	17.00	7	19.00	9	20.00	9	20.00	7	22.00	6	26.00	6	26.00	3
1944	18.00	10	18.00	8	18.00	8	18.00	7	18.00	6	18.00	5	19.00	4	21.00	3	26.00	4
1945	12.00	5	12.00	5	13.00	4	14.00	3	15.00	4	15.00	3	17.00	2	19.00	2	21.00	2
1946	30.00	19	30.00	18	30.00	18	30.00	18	30.00	18	30.00	16	32.00	14	39.00	19	44.00	16
1947	18.00	11	18.00	9	18.00	9	18.00	8	18.00	5	19.00	6	28.00	9	32.00	10	41.00	14

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
65	56	36	28	30	56	385	594	672	174	86	52
1320	491	188	111	105	364	52700	76900	71400	12400	2570	1490
36	22	14	11	10	19	230	277	267	111	51	39
1.0	1.1	1.4	1.1	0.76	0.66	0.73	0.79	-0.39	1.1	1.2	1.7
0.56	0.40	0.38	0.37	0.34	0.34	0.60	0.47	0.40	0.64	0.59	0.75
2.9	2.5	1.6	1.3	1.4	2.5	17	27	30	7.8	3.9	2.3

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.7	1.7	1.5	1.4	1.5	1.7	2.5	2.7	2.8	2.1	1.9	1.6
0.06	0.03	0.02	0.02	0.02	0.02	0.07	0.04	0.08	0.12	0.06	0.08
0.25	0.16	0.15	0.16	0.15	0.15	0.27	0.20	0.28	0.35	0.25	0.28
-0.47	0.31	0.28	0.09	-0.48	-0.04	-0.08	-0.05	-2.6	-1.3	-0.02	0.37
0.14	0.09	0.10	0.11	0.10	0.09	0.11	0.08	0.10	0.16	0.13	0.18
7.5	7.4	6.6	6.1	6.3	7.4	11	12	12	9.2	8.0	7.0

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
186	4170	65	0.10	0.35	0.238

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.2	0.03	0.17	-0.70	0.07	0.181

06614000 NORTH FORK NORTH PLATTE RIVER NEAR WALDEN, COLO.

LOCATION.--Lat 40°43'40", long 106°24'41", in NE¼NW¼ sec.29, T.9 N., R.80 W., Jackson County, 0.25 mi (0.4 km) upstream from mouth and 7 mi (11 km) west of Walden.

DRAINAGE AREA.--160 mi² (414 km²).

REMARKS.--Diversions above station for irrigation of about 18,800 acres (76.1 km²). Natural flow of stream also affected by return flow from irrigated areas. Some water imported above station from Big Creek.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH FORK NORTH PLATTE RIVER NEAR WALDEN, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1924										5		92		39	17	6	4	11	19	33	28	14	14	13	21	13	8	9	9	4	4	2	1		
1925												10		100	3	14	41	13	23	11	18	25	27	17	18	15	16	7	5		2				
1926														3	63	32	18	10	20	3	10	23	51	19	26	10	21	7	15	13	9	6	2	3	1
1927														76	36	23	7	9		8	16	44	12	11	13	10	14	23	22	14	8	8	7	4	
1928														60			6	32	1	16	39	6	44	22	19	5	41	14	26	17	9	4	5		
1937											31	28		31	37	9	32	37	14	42	8	12	19	7	13	12	13	6	7	2	5				
1938														68	32	11	41	21	22	21	7	19	8	18	17	12	11	9	10	11	11	7	5	4	
1939							1	1	4	1	4	1	7	3	10	43	87	31	64	41	25	7	11	8	6	5	4		1						
1940		1	2	1	3		1	1			2	1	2	5	71	13	25	55	59	35	26	21	9	7	10	8	4	1	3						
1941										1	1	3	1	61	31	6	42	27	55	20	10	16	17	33	10	10	4	8	6	3					
1942								3	2	33	2	35	7	38	9	12	39	13	6	48	7	36	13	12	10	5	4	1	2	1	27				
1943										3	1	32	9	68	10	27	20	52	5	8	6	10	6	11	11	23	26	17	7	3	5	4		1	
1944											3	9	5	68	43	13	35	7	19	36	32	17	39	9	17	6	5	3							
1945												59		31	31	27	22	6	8	22	16	7	15	4	10	12	8	22	26	15	14	9	1		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5114	100.0	9	10.00	43	5094	99.6	18	42.0	315	2683	52.5	27	180	127	517	10.1
1	2.70	1	5114	100.0	10	12.00	44	5051	98.8	19	50.0	344	2368	46.3	28	210	139	390	7.6
2	3.30	2	5113	100.0	11	14.00	270	5007	97.9	20	58.0	248	2024	39.6	29	250	83	251	4.9
3	3.90	1	5111	99.9	12	16.00	31	4737	92.6	21	68.0	257	1776	34.7	30	290	94	168	3.2
4	4.50	3	5110	99.9	13	19.00	651	4706	92.0	22	80.0	285	1519	29.7	31	340	40	74	1.4
5	5.30	0	5107	99.9	14	22.00	393	4055	79.3	23	94.0	191	1234	24.1	32	400	21	34	.6
6	6.20	2	5107	99.9	15	26.00	236	3662	71.6	24	110.0	201	1043	20.4	33	470	12	13	.2
7	7.30	5	5105	99.8	16	31.00	419	3426	67.0	25	130.0	146	842	16.5	34	550	1	1	
8	8.60	6	5100	99.7	17	36.00	324	3007	58.8	26	150.0	179	696	13.6					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH FORK NORTH PLATTE RIVER NEAR WALDEN, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1924	402.0	7	371.0	7	302.0	7	231.0	8	220.0	8	171.0	7	160.0	7	141.0	7	103.0	7
1925	297.0	10	238.0	11	194.0	11	186.0	11	168.0	10	149.0	10	131.0	10	119.0	10	98.0	9
1926	636.0	1	574.0	1	490.0	1	376.0	2	285.0	3	236.0	5	222.0	4	202.0	5	160.0	4
1927	497.0	4	480.0	3	463.0	3	371.0	3	307.0	1	246.0	2	233.0	2	229.0	1	185.0	1
1928	464.0	5	448.0	4	416.0	4	340.0	4	272.0	5	249.0	1	237.0	1	221.0	2	181.0	2
1937	332.0	9	313.0	8	273.0	9	211.0	9	186.0	9	169.0	8	143.0	8	123.0	9	93.0	10
1938	500.0	3	490.0	2	469.0	2	416.0	1	302.0	2	245.0	3	228.0	3	204.0	4	155.0	5
1939	215.0	13	177.0	12	126.0	14	112.0	13	86.0	14	71.0	14	66.0	14	61.0	14	56.0	14
1940	223.0	12	168.0	14	143.0	13	112.0	14	94.0	13	76.0	13	74.0	13	68.0	13	59.0	13
1941	272.0	11	254.0	10	227.0	10	203.0	10	147.0	11	106.0	11	105.0	11	101.0	11	89.0	11
1942	339.0	8	300.0	9	300.0	8	300.0	6	273.0	4	166.0	9	136.0	9	125.0	8	100.0	8
1943	508.0	2	401.0	5	336.0	6	282.0	7	232.0	7	196.0	6	164.0	6	153.0	6	124.0	6
1944	186.0	14	170.0	13	152.0	12	125.0	12	101.0	12	91.0	12	86.0	12	85.0	12	71.0	12
1945	425.0	6	395.0	6	381.0	5	324.0	5	260.0	6	243.0	4	217.0	5	218.0	3	169.0	3

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH FORK NORTH PLATTE RIVER NEAR WALDEN, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1925	10.00	5	10.00	6	12.00	4	16.00	5	18.00	4	19.00	4	19.00	4	21.00	3	26.00	3
1926	24.00	11	25.00	11	25.00	11	25.00	11	25.00	10	25.00	10	27.00	10	33.00	9	52.00	12
1927	19.00	8	19.00	8	19.00	8	19.00	8	20.00	5	20.00	5	22.00	8	23.00	5	26.00	4
1928	20.00	10	20.00	10	20.00	9	20.00	9	20.00	6	20.00	6	27.00	9	35.00	11	46.00	11
1938	19.00	9	19.00	9	20.00	10	20.00	10	20.00	7	20.00	7	21.00	5	24.00	6	28.00	5
1939	29.00	12	30.00	12	30.00	12	30.00	12	30.00	12	33.00	12	37.00	12	37.00	12	39.00	9
1940	6.80	2	8.50	3	12.00	5	16.00	6	25.00	11	25.00	11	30.00	11	34.00	10	42.00	10
1941	2.80	1	3.40	1	4.30	1	10.00	1	20.00	8	20.00	8	22.00	6	25.00	7	29.00	6
1942	10.00	6	10.00	4	10.00	3	10.00	2	10.00	1	13.00	1	15.00	1	20.00	2	32.00	7
1943	7.80	3	7.90	2	9.30	2	12.00	3	15.00	2	17.00	3	18.00	3	22.00	4	24.00	2
1944	10.00	4	10.00	5	13.00	6	17.00	7	20.00	9	20.00	9	22.00	7	25.00	8	34.00	8
1945	13.00	7	13.00	7	14.00	7	14.00	4	15.00	3	15.00	2	17.00	2	19.00	1	23.00	1

06614000 NORTH FORK NORTH PLATTE RIVER NEAR WALDEN, COLO.--Continued

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
51	41	26	20	21	44	147	114	167	136	85	45
368	145	94	38	23	430	6650	3980	5090	3840	1350	438
19	12	9.7	6.2	4.7	21	82	63	71	62	37	21
1.4	0.14	1.3	1.0	0.31	0.79	0.43	0.43	-0.09	0.12	1.7	0.52
0.38	0.29	0.37	0.32	0.23	0.47	0.55	0.55	0.43	0.46	0.43	0.46
5.7	4.6	2.9	2.2	2.3	4.9	16	13	19	15	9.5	5.1

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.7	1.6	1.4	1.3	1.3	1.6	2.1	2.0	2.2	2.1	1.9	1.6
0.02	0.02	0.02	0.02	0.01	0.04	0.07	0.07	0.04	0.06	0.03	0.04
0.15	0.13	0.14	0.14	0.10	0.21	0.27	0.26	0.21	0.24	0.17	0.20
0.43	-0.22	1.1	-0.05	-0.04	-0.17	-0.38	-0.07	-0.46	-0.90	0.49	0.03
0.09	0.08	0.10	0.11	0.08	0.13	0.13	0.13	0.10	0.11	0.09	0.13
8.1	7.7	6.8	6.1	6.3	7.7	10	9.6	11	10	9.2	7.8

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
75	525	23	0.50	0.31	0.219

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.9	0.02	0.13	0.22	0.07	0.175

06615000 SOUTH FORK MICHIGAN RIVER NEAR GOULD, COLO.

LOCATION.--Lat 40°27'44", long 106°00'29", in sec.26, T.6 N., R.77 W., Jackson County, on left bank 1 mi (1.6 km) upstream from Porcupine Creek, 4.5 mi (7.2 km) southeast of Gould, and 9.5 mi (15.3 km) east of Rand.

DRAINAGE AREA.- [illegible] mi² (38.6 km²).

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH FORK MICHIGAN RIVER NEAR GOULD, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1951			44	67	[illegible]	19	9	11	10	5	4	9	6	2	4	9	3	4	9	9	12	6	10	9	9	3	9	11	1	3	1				
1952				31	90	32	16	14	23	13	10	6	5	2	6	9	7	7	9	7	16	12	6	7	7	5	8	4	2	2	4	6			
1953			51	120	20	23	8	9	20	13	5	7	7	4	7	5	7	6	3	6	2	4	4	3	6	6	8	1	4	2	2	1	1		
1954			35	130	19	2	1	10	15	11	12	15	10	4	10	14	10	8	1	5	12	13	7	14	6	1									
1955		29	88	7	9	20	37	12	7	15	14	16	3	2	2	10	11	6	11	12	10	9	11	4	6	5	6	3							
1956			29	79	52	46	6	11	30	5	4	3	11	2	6	14	5	2	2	7	4	7	5	3	3	3	3	7	11	4	2				
1957				83	99			3	32	6	14	3	3	1	3	7	6	12	9	4	5	8	4	6	7	5	5	8	9	6	9	2	4	1	1
1958					95	31	49	42	10	27	16	12	6	3	4	4	3	3	2	6	4	2	4	7	3	4	5	2	5	6	10				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2922	100.0	9	5.10	95	1120	38.3	18	22.0	46	590	20.2	27	93	36	135	4.6
1	1.30	29	2922	100.0	10	6.00	79	1025	35.1	19	26.0	56	544	18.6	28	110	32	99	3.3
2	1.60	247	2893	99.0	11	7.00	71	946	32.4	20	30.0	65	488	16.7	29	130	23	67	2.2
3	1.90	517	2646	90.6	12	8.30	51	875	29.9	21	35.0	61	423	14.5	30	150	28	44	1.5
4	2.30	451	2129	72.9	13	9.70	20	824	28.2	22	42.0	51	362	12.4	31	180	9	16	.5
5	2.70	173	1678	57.4	14	11.00	42	804	27.5	23	49.0	53	311	10.6	32	210	5	7	.2
6	3.10	126	1505	51.5	15	13.00	72	762	26.1	24	57.0	47	258	8.8	33	250	1	2	
7	3.70	112	1379	47.2	16	16.00	52	690	23.6	25	68.0	32	211	7.2	34	290	1	1	
8	4.30	147	1267	43.4	17	19.00	48	638	21.8	26	79.0	44	179	6.1					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH FORK MICHIGAN RIVER NEAR GOULD, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1951	155.0	5	147.0	6	130.0	6	112.0	6	95.0	6	73.0	5	59.0	4	48.0	3	33.0	4
1952	196.0	3	191.0	3	187.0	2	163.0	2	123.0	3	84.0	3	67.0	2	55.0	2	38.0	2
1953	226.0	2	198.0	2	161.0	3	128.0	4	101.0	5	66.0	6	49.0	6	38.0	6	26.0	6
1954	72.0	8	68.0	8	61.0	8	52.0	8	46.0	8	43.0	8	34.0	8	28.0	8	20.0	8
1955	107.0	7	103.0	7	91.0	7	83.0	7	67.0	7	51.0	7	42.0	7	34.0	7	24.0	7
1956	155.0	6	153.0	5	146.0	5	127.0	5	112.0	4	76.0	4	55.0	5	43.0	5	29.0	5
1957	304.0	1	277.0	1	240.0	1	199.0	1	155.0	1	124.0	1	93.0	1	75.0	1	51.0	1
1958	172.0	4	169.0	4	160.0	4	158.0	3	129.0	2	86.0	2	61.0	3	47.0	4	33.0	3

06615000 SOUTH FORK MICHIGAN RIVER NEAR GOULD, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH FORK MICHIGAN RIVER NEAR GOULD, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1952	1.70	2	1.70	2	1.90	5	2.20	6	2.20	6	2.30	6	2.30	6	2.40	6	2.80	6
1953	1.70	3	1.70	3	1.70	2	1.70	2	1.70	2	1.80	2	1.80	2	1.90	2	2.20	3
1954	1.70	4	1.70	4	1.70	3	1.70	3	1.70	3	1.80	3	1.90	3	1.90	3	2.00	1
1955	1.40	1	1.40	1	1.40	1	1.40	1	1.40	1	1.50	1	1.50	1	1.60	1	2.50	5
1956	1.80	5	1.80	5	1.80	4	1.80	4	1.80	4	1.90	4	1.90	4	2.00	4	2.40	4
1957	2.00	6	2.00	6	2.00	6	2.00	5	2.10	5	2.10	5	2.20	5	2.20	5	2.20	2
1958	2.40	7	2.40	7	2.40	7	2.40	7	2.40	7	2.40	7	2.60	7	2.50	7	3.20	7

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
3.6	2.5	2.2	2.0	2.1	2.2	6.5	43	89	37	11	4.5
1.8	0.22	0.07	0.08	0.19	0.17	16	303	763	1250	32	2.2
1.3	0.47	0.26	0.28	0.44	0.42	4.0	17	28	35	5.7	1.5
0.39	0.39	-0.70	0.13	0.11	0.21	1.8	1.0	-0.05	2.1	1.3	0.00
0.37	0.18	0.12	0.14	0.21	0.19	0.61	0.41	0.31	0.97	0.51	0.33
1.8	1.2	1.1	1.00	1.0	1.1	3.2	21	43	18	5.5	2.2

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.54	0.40	0.34	0.31	0.31	0.33	0.76	1.6	1.9	1.4	1.0	0.63
0.03	0.01	0.00	0.00	0.01	0.01	0.05	0.03	0.02	0.11	0.04	0.02
0.16	0.08	0.05	0.06	0.09	0.08	0.23	0.17	0.15	0.33	0.20	0.15
0.02	0.11	-0.78	-0.21	-0.38	-0.04	0.95	0.50	-0.75	1.1	0.63	-0.41
0.30	0.20	0.16	0.19	0.31	0.25	0.30	0.10	0.08	0.23	0.20	0.24
5.6	4.1	3.5	3.2	3.2	3.5	7.9	17	20	15	11	6.6

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
17	24	4.9	1.0	0.29	0.201

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.2	0.01	0.12	0.38	0.10	0.309

06615500 MICHIGAN RIVER NEAR LINDLAND, COLO.

LOCATION.--Lat 40°33'13", long 106°02'28", in SW¼SW¼ sec.21, T.7 N., R.77 W., Jackson County, at bridge on State Highway 14, 1 mi (1.6 km) upstream from North Fork Michigan River, and 2 mi (3.2 km) southeast of Lindland.

DRAINAGE AREA.--61.4 mi² (159 km²).

REMARKS.--Diversions above station for irrigation of about 260 acres (1.05 km²). Water exported from tributaries above station to South Platte River basin by Cameron Pass and Michigan ditches. Treasure ditch diverts water 1.5 mi (2.4 km) above station to Owl Creek (tributary to Michigan River below station).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MICHIGAN RIVER NEAR LINDLAND, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1932					60		31	31	1	1	35	4	5	24	11	43	6	1	13	21	10	5	4	4	2	1	5	9	18	9	10	1	1		
1933						61		63		1	1	26	16	16	25	22	19	4	1		31	5	4	4	6	8	3	19	4	2	3	3	8	9	1
1934					28	62			34	6	16	24	16	44	24	25	7	13	14	17	9	7	7	8	4										
1935		62	5	5	38	41	11	7	14	13	3	10	9	12	6	10	25	6	13	10	7	3	7	6	5	9	6	5	2	4	5	2	2	2	
1936		2	1		2	1	1	64	8	72	5	12	4	36	15	12	10	10	8	7	23	7	3	7	4	8	8	13	9	12	2				
1937		59			62	2	2		26	10	15	38	22	15	6	33	2	8	5	4	2	9	7	8	8	13	3	5	1						
1938								31	32	28	3	61	13	47	20	21	11	9	6	7	6	8	3	2	2	2	3	2	10	8	7	4	10	8	1
1939						59		66	14	19	12	41	7	20	31	13	5	3	3	2	4	7	8	7	3	6	8	10	13	3	1				
1940							4	1	96	23	12	43	35	23	25	12	12	9	6	7	7	7	5	9	12	9	3	4	2						
1941					90	31	3	39	6	26	12	11	18	15	13	11	14	8	3	11	3	2	5	8	11	7	2	4	7	3	2				

06615500 MICHIGAN RIVER NEAR LINDLAND, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MICHIGAN RIVER NEAR LINDLAND, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	3653	100.0	9	7.10	199	2397	65.6	18	33.0	72	857	23.5	27	150	71	260	7.1
1	1.70	123	3653	100.0	10	8.40	114	2198	60.2	19	39.0	86	785	21.5	28	180	66	189	5.1
2	2.10	6	3530	96.6	11	10.00	270	2084	57.0	20	47.0	102	699	19.1	29	220	41	123	3.3
3	2.50	5	3524	96.5	12	12.00	145	1814	49.7	21	55.0	60	597	16.3	30	260	30	82	2.2
4	3.00	280	3519	96.3	13	14.00	252	1669	45.7	22	66.0	53	537	14.7	31	310	10	52	1.4
5	3.60	257	3239	88.7	14	17.00	176	1417	38.8	23	78.0	63	484	13.2	32	360	21	42	1.1
6	4.20	52	2982	81.6	15	20.00	202	1241	34.0	24	93.0	57	421	11.5	33	430	19	21	.5
7	5.00	302	2930	80.2	16	24.00	111	1039	28.4	25	110.0	63	364	10.0	34	510	2	2	
8	6.00	231	2628	71.9	17	28.00	71	928	25.4	26	130.0	41	301	8.2					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MICHIGAN RIVER NEAR LINDLAND, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1932	388.0	4	336.0	4	288.0	4	260.0	4	231.0	4	204.0	3	153.0	3	124.0	3	87.0	3
1933	514.0	2	500.0	2	469.0	2	436.0	1	367.0	2	256.0	2	195.0	2	156.0	1	110.0	1
1934	100.0	10	95.0	10	86.0	10	80.0	10	72.0	10	57.0	10	47.0	10	40.0	10	31.0	10
1935	484.0	3	449.0	3	388.0	3	319.0	3	236.0	3	162.0	5	120.0	5	97.0	5	69.0	5
1936	280.0	5	268.0	5	256.0	5	242.0	5	208.0	5	170.0	4	132.0	4	108.0	4	77.0	4
1937	211.0	8	149.0	9	141.0	9	123.0	8	109.0	8	90.0	9	72.0	8	58.0	9	43.0	8
1938	530.0	1	504.0	1	470.0	1	431.0	2	378.0	1	273.0	1	199.0	1	154.0	2	109.0	2
1939	268.0	7	241.0	7	225.0	7	193.0	7	179.0	6	141.0	6	107.0	6	83.0	6	59.0	6
1940	186.0	9	183.0	8	162.0	8	119.0	9	106.0	9	94.0	8	72.0	9	59.0	8	43.0	9
1941	280.0	6	257.0	6	233.0	6	206.0	6	160.0	7	118.0	7	86.0	7	70.0	7	50.0	7

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MICHIGAN RIVER NEAR LINDLAND, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1933	4.00	7	4.00	7	4.00	7	4.00	6	4.00	6	4.00	6	4.30	6	4.50	6	7.30	5
1934	3.00	5	3.00	5	3.00	4	3.00	4	3.10	4	3.50	4	3.70	4	4.30	4	7.60	6
1935	2.00	3	2.00	1	2.00	1	2.00	1	2.00	1	2.00	1	2.30	1	2.60	2	3.40	1
1936	1.80	1	2.00	2	3.50	5	5.00	7	5.00	7	5.00	7	6.00	7	6.50	7	8.00	7
1937	2.00	2	2.00	3	2.00	2	2.00	2	2.00	2	2.00	2	2.30	2	2.50	1	4.50	3
1938	5.00	8	5.00	8	5.00	8	5.00	8	5.00	8	5.50	8	6.30	8	7.20	8	9.20	9
1939	4.00	6	4.00	6	4.00	6	4.00	5	4.00	5	4.00	5	4.30	5	4.50	5	7.10	4
1940	5.00	9	5.80	9	6.00	9	6.00	9	6.00	9	6.00	9	6.30	9	7.20	9	9.10	8
1941	3.00	4	3.00	4	3.00	3	3.00	3	3.00	3	3.00	3	3.00	3	3.30	3	4.30	2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
12	10	5.1	3.8	4.1	5.7	27	126	176	41	21	15
16	15	3.2	1.7	3.2	7.1	208	2520	12000	345	45	53
4.0	3.9	1.8	1.3	1.8	2.7	14	50	110	19	6.7	7.3
-0.17	-0.39	-0.08	0.09	1.3	0.88	1.3	-0.36	0.71	0.63	0.60	2.1
0.34	0.39	0.36	0.35	0.44	0.47	0.53	0.40	0.62	0.45	0.33	0.47
2.6	2.2	1.1	0.85	0.92	1.3	6.1	28	39	9.2	4.6	3.5

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.0	0.96	0.67	0.55	0.58	0.72	1.4	2.1	2.2	1.6	1.3	1.2
0.03	0.04	0.03	0.03	0.03	0.04	0.05	0.04	0.08	0.04	0.02	0.03
0.16	0.21	0.18	0.16	0.18	0.19	0.21	0.20	0.29	0.20	0.15	0.17
-0.61	-1.1	-0.97	-0.50	0.45	0.43	0.31	-0.67	-0.18	0.10	-0.62	1.2
0.16	0.22	0.27	0.29	0.30	0.27	0.15	0.10	0.13	0.12	0.12	0.15
7.4	6.8	4.8	3.9	4.1	5.1	9.8	15	15	11	9.1	8.2

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
37	203	14	0.51	0.38	-0.268

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.5	0.03	0.17	0.03	0.11	-0.307

06616000 NORTH FORK MICHIGAN RIVER NEAR GOULD, COLO.

LOCATION.--Lat 40°32'58", long 106°01'14", in SE¼NW¼ sec.27, T.7 N., R.77 W., Jackson County, on left bank 25 ft (8 m) upstream from county road bridge, 0.7 mi (1.1 km) downstream from dam on recreation lake, 1.6 mi (2.6 km) north of Gould, 2.8 mi (4.5 km) upstream from mouth, and 19 mi (31 km) southeast of Walden.

DRAINAGE AREA.--21.2 mi^2 (54.9 km^2).

REMARKS.--One small diversion above station to Canadian River drainage. Slight natural regulation by recreation lake (capacity, 1,250 acre-ft or 1.54 hm^3) since May 9, 1964. Complete regulation during filling of recreation lake Dec. 11, 1963, to May 8, 1964.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH FORK MICHIGAN RIVER NEAR GOULD, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR															NUMBER OF DAYS IN CLASS																				
1951							2	11	72	79	41	21	11	13	3	4	3	9	9	6	8	5	4	5	11	11	11	10	6	7	3				
1952										91	70	51	13	12	6	10	5	10	11	8	2	7	3	2	6	4	8	12	9	6	8	4	7	1	
1953									86	98	55	4	4	9	15	7	2	9	14	7	6	5	5	5	2	3	2	5	10	9	3				
1954							5	67	83	41	29	24	9	9	13	13	12	3	7	5	15	5	10	8	4	1	1	1							
1955							90	1	40	22	44	13	8	26	11	14	7	6	4	6	6	5	7	20	21	8	3	2	1						
1956						1	36	19	27	34	47	63	15	13	9	17	4	5	10	6	5	3	3	5	3	5	3	5	6	9	13				
1957								3	42	107	13	24	14	11	12	4	5	10	7	8	9	5	8	6	10	7	6	3	6	2	10	14	15	4	
1958									19	97	37	47	21	15	17	10	10	12	15	3	5	3	3	4	5	3	3	5	4	5	8	5	9		
1959								28	62	61	59	21	10	18	9	7	7	5	5	2	7	3	2	7	3	8	5	18	8	5	4	1			
1960									15	60	36	39	43	16	15	12	9	5	7	11	3	14	13	12	5	4	1	12	8	10	7	7	2		
1961									59	64	25	52	9	13	9	2	17	14	12	10	11	10	8	7	2	4	4	4	2	5	8	3	6	5	
1962										31	6	61	39	10	36	8	9	8	21	7	9	20	11	11	3	3	5	6	14	21	14	6	2	1	3
1963									80	35	22	51	40	21	22	12	12	5	4	6	12	12	7	8	6	3	3	3	1						
1965							2	38	97	41	20	3		1	4	12	12	12	16	15	11	7	7	16	5	3	2	7	8	5	8	8	5		
1966									16	52	54	39	27	19	37	11	8	17	16	14	7	9	5	5	7	8	8	1	4	1					
1967								40	63	45	7	17	20	20	21	12	18	9	13	3	7	7	3	5	5	2	7	7	15	2	12	2	3		
1968									6	79	44	49	28	14	16	12	15	16	12	3	5	5	7	7	7	5	3	4	2	5	7	3	5	7	
1969									25	74	32	48	42	28	12	6	3	4	5	8	2	5	4	2	7	11	10	5	7	15	9		1		
1970									11	119	15	28	57	22	13	6	6	6	9	3	3	3	3	2	2	4	3	9	8	8	8	6	8	3	
1971								3	67	23	31	62	32	19	11	5	4	3	9	4	12	9	4	4	3	3	6	10	7	2	6	22	2	2	
1972					2		1	27	60	34	37	13	64	28	4	6	6	6	11	8	4	6	4	2	5	2	3	5	7	13	6	2			
1973									29	79	53	34	20	18	17	12	4	4	12	6	4	6	5	5	1	2	2	2	8	13	4	8	5	5	7
1974					7	1	4	32	102	39	24	18	21	7	9	4	8	4	9	7	3	2	2	3	1	6	2	8	10	7	9	8	6	2	
1975		3		10	20	41	26	35	36	25	32	13	16	8	5	11	6	4	5	4	6	3	8	4	5	1	6	9	8	4	11				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	8765	100.0	9	3.20	1404	7034	80.3	18	14.0	237	2189	25.0	27	62	159	837	9.5
1	0.80	3	8765	100.0	10	3.80	814	5630	64.2	19	17.0	158	1952	22.3	28	74	164	678	7.7
2	1.00	0	8762	100.0	11	4.50	781	4816	54.9	20	20.0	164	1794	20.5	29	87	145	514	5.8
3	1.20	10	8762	100.0	12	5.30	561	4035	46.0	21	23.0	158	1630	18.6	30	100	162	369	4.2
4	1.40	29	8752	99.9	13	6.20	369	3474	39.6	22	27.0	136	1472	16.8	31	120	96	207	2.3
5	1.70	43	8723	99.5	14	7.30	321	3105	35.4	23	32.0	151	1336	15.2	32	140	76	111	1.2
6	2.00	166	8680	99.0	15	8.60	209	2784	31.8	24	38.0	130	1185	13.5	33	170	32	35	.3
7	2.30	333	8514	97.1	16	10.00	192	2575	29.4	25	45.0	111	1055	12.0	34	200	3	3	
8	2.70	1147	8181	93.3	17	12.00	194	2383	27.2	26	53.0	107	944	10.8					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH FORK MICHIGAN RIVER NEAR GOULD, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1951	108.0	20	102.0	20	94.0	20	79.0	20	71.0	20	63.0	19	50.0	15	40.0	15	28.0	15
1952	175.0	9	160.0	9	154.0	7	138.0	9	108.0	11	88.0	7	68.0	7	54.0	7	37.0	8
1953	112.0	19	107.0	19	100.0	19	94.0	17	82.0	18	54.0	20	41.0	20	33.0	20	23.0	20
1954	66.0	24	56.0	24	47.0	24	39.0	24	32.0	24	26.0	24	21.0	24	17.0	24	12.0	24
1955	74.0	22	66.0	23	57.0	23	51.0	22	44.0	22	41.0	21	34.0	21	27.0	21	19.0	21
1956	116.0	18	108.0	18	105.0	16	102.0	15	87.0	16	66.0	15	49.0	16	38.0	19	27.0	16
1957	189.0	6	179.0	5	173.0	3	165.0	1	146.0	1	113.0	1	93.0	1	74.0	1	51.0	1
1958	161.0	11	157.0	11	153.0	8	140.0	7	119.0	9	81.0	10	59.0	14	46.0	14	32.0	14
1959	120.0	16	113.0	16	104.0	17	84.0	19	79.0	19	65.0	16	49.0	17	39.0	16	27.0	17
1960	144.0	14	134.0	13	129.0	13	113.0	13	104.0	12	79.0	12	64.0	10	53.0	8	37.0	9
1961	192.0	4	182.0	4	173.0	4	153.0	3	122.0	8	81.0	11	60.0	11	47.0	12	35.0	11
1962	210.0	1	210.0	1	179.0	2	149.0	4	124.0	6	106.0	2	88.0	2	70.0	2	48.0	2
1963	74.0	23	72.0	22	63.0	22	51.0	23	40.0	23	32.0	23	25.0	23	20.0	23	16.0	23
1965	169.0	10	159.0	10	137.0	11	123.0	11	114.0	10	85.0	9	65.0	8	53.0	9	38.0	5
1966	89.0	21	86.0	21	76.0	21	63.0	21	54.0	21	39.0	22	30.0	22	24.0	22	18.0	22
1967	147.0	12	144.0	12	130.0	12	119.0	12	101.0	13	78.0	13	59.0	12	47.0	13	33.0	12
1968	190.0	5	187.0	3	183.0	1	161.0	2	129.0	4	87.0	8	64.0	9	51.0	10	36.0	10
1969	146.0	13	116.0	15	106.0	15	100.0	16	96.0	14	75.0	14	59.0	13	47.0	11	33.0	13
1970	176.0	8	173.0	7	163.0	6	148.0	5	126.0	5	98.0	5	71.0	6	55.0	6	38.0	6
1971	188.0	7	166.0	8	153.0	9	140.0	8	130.0	2	101.0	3	76.0	3	60.0	3	42.0	3
1972	124.0	15	120.0	14	108.0	14	102.0	14	93.0	15	65.0	17	48.0	18	38.0	17	27.0	18
1973	194.0	3	189.0	2	167.0	5	133.0	10	130.0	3	99.0	4	72.0	4	56.0	4	39.0	4
1974	198.0	2	175.0	6	150.0	10	145.0	6	122.0	7	97.0	6	71.0	5	55.0	5	37.0	7
1975	116.0	17	112.0	17	103.0	18	93.0	18	86.0	17	65.0	18	48.0	19	38.0	18	26.0	19

06616000 NORTH FORK MICHIGAN RIVER NEAR GOULD, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH FORK MICHIGAN RIVER NEAR GOULD, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1952	3.20	21	3.20	20	3.20	20	3.20	20	3.20	18	3.20	16	3.30	15	3.40	15	3.80	13
1953	2.80	12	2.80	12	2.80	12	2.80	11	2.80	10	2.90	12	3.00	9	3.10	9	3.30	4
1954	2.50	10	2.50	8	2.50	9	2.50	6	2.50	5	2.60	6	2.60	4	2.70	3	3.00	2
1955	2.10	5	2.10	5	2.10	4	2.10	4	2.10	2	2.10	2	2.10	2	2.40	2	3.30	5
1956	1.90	4	2.00	4	2.00	3	2.00	3	2.10	3	2.30	3	2.50	3	3.00	7	3.40	6
1957	2.40	7	2.50	9	2.70	10	2.80	12	3.00	13	3.10	14	3.20	13	3.20	10	3.60	10
1958	3.10	20	3.10	19	3.10	17	3.10	17	3.10	17	3.30	17	3.40	16	3.50	16	4.50	19
1959	2.50	8	2.50	10	2.50	5	2.50	5	2.50	6	2.80	9	2.80	6	3.00	8	3.40	7
1960	2.80	13	2.80	13	2.80	13	2.80	13	3.00	14	3.20	15	3.40	17	3.70	19	4.80	20
1961	3.00	17	3.00	16	3.00	16	3.00	16	3.00	15	3.00	13	3.20	14	3.30	13	3.70	11
1962	3.50	22	3.50	22	3.50	22	3.50	21	3.50	21	4.00	22	4.70	22	5.40	22	11.00	22
1963	2.80	14	2.80	14	2.80	14	2.80	14	2.80	11	2.90	10	3.00	10	3.20	11	3.80	12
1966	3.10	18	3.30	21	3.40	21	3.50	22	3.60	22	3.70	21	3.90	21	4.30	21	6.70	21
1967	2.30	6	2.40	6	2.50	6	2.60	7	2.70	8	2.70	7	2.80	7	2.90	6	3.50	9
1968	3.10	19	3.10	17	3.20	18	3.20	18	3.40	20	3.50	20	3.60	20	3.70	20	4.20	18
1969	2.90	15	3.00	15	3.00	15	3.00	15	3.10	16	3.30	18	3.50	19	3.50	17	4.10	16
1970	3.00	16	3.10	18	3.20	19	3.20	19	3.30	19	3.30	19	3.40	18	3.50	18	4.20	17
1971	2.60	11	2.60	11	2.70	11	2.70	10	2.80	12	2.90	11	3.00	11	3.30	14	3.90	14
1972	2.50	9	2.50	7	2.50	7	2.60	8	2.70	9	2.80	8	3.00	12	3.20	12	4.00	15
1973	1.50	2	1.80	3	2.50	8	2.60	9	2.60	7	2.60	4	2.80	8	2.80	4	3.20	3
1974	1.50	3	1.50	2	1.50	2	1.80	2	2.40	4	2.60	5	2.70	5	2.80	5	3.40	8
1975	0.87	1	0.95	1	1.20	1	1.40	1	1.50	1	1.60	1	1.70	1	1.90	1	2.50	1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
6.4	4.7	3.6	3.1	3.0	3.4	13	71	73	18	7.8	5.9
24	4.7	1.2	0.65	0.34	0.85	63	564	1000	111	7.6	10
4.9	2.2	1.1	0.81	0.58	0.92	7.9	24	32	11	2.8	3.2
3.6	3.3	2.3	1.9	0.30	1.9	1.7	0.26	0.12	2.3	1.5	2.8
0.77	0.46	0.30	0.26	0.19	0.27	0.62	0.33	0.43	0.58	0.35	0.55
3.0	2.2	1.7	1.5	1.4	1.6	6.0	33	34	8.5	3.6	2.8

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.74	0.65	0.54	0.48	0.47	0.52	1.0	1.8	1.8	1.2	0.87	0.73
0.04	0.02	0.01	0.01	0.01	0.01	0.06	0.02	0.06	0.05	0.02	0.03
0.20	0.14	0.12	0.10	0.09	0.10	0.24	0.15	0.24	0.23	0.14	0.17
2.2	1.8	0.20	0.28	-0.43	0.86	0.38	-0.46	-1.3	0.10	0.44	1.5
0.27	0.22	0.22	0.22	0.19	0.20	0.23	0.08	0.13	0.19	0.16	0.24
6.8	6.0	5.0	4.4	4.3	4.8	9.6	17	17	11	8.0	6.7

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
18	27	5.1	0.14	0.29	-0.055

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.2	0.02	0.14	-0.72	0.11	0.043

06617100 MICHIGAN RIVER AT WALDEN, COLO.

LOCATION.--Lat 40°44'28", long 106°16'44", in NW¼NW¼ sec.21, T.9 N., R.79 W., Jackson County, at downstream side of former bridge, several hundred feet upstream from State Highway 125, 0.5 mi (0.8 km) north of Walden, and 1.2 mi (1.9 km) upstream from Illinois Creek.

DRAINAGE AREA.--182 mi² (471 km²).

REMARKS.--Diversions above station for irrigation of about 17,500 acres (70.8 km²). Water also diverted above station to South Platte River basin by Cameron Pass and Michigan ditches.

06617100 MICHIGAN RIVER AT WALDEN, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MICHIGAN RIVER AT WALDEN, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR															NUMBER OF DAYS IN CLASS																				
1924								2	7	3	10	2	3	3	41	14	6	3	8	11	11	30	13	8	19	11	20	7	9	8	7	8	6	3	3
1925											59			31	1	6			57	16	42	41	22	26	7	18	14	12	4	6	1	2			
1926													59			39	13	43	39	4	18	20	11	9	14	6	19	17	16	9	4	15	6	3	1
1927											59		31	30		37	19	23	28	22	12	12	1	19	1	4	3	14	10	22	14	4			
1928														3	73	11	75	16	42	8	5	2	32	5	13	9	10	22	11	10	5	4	3	7	
1929											59		62		1	25	17	15	10	10	4	16	32	18	16	8	5	2	3	10	15	25	6	6	
1930							2	2	3	1	66		34	6	34	12	38	7	16	12	36	36	9	8	10	12	9	3	2	3	2	2			
1931									64	6	42	32	9	17	47	10	27	9	40	7	4	16	8	7	4	4	2	7	3						
1932								60			31		31	1	4	10	16	59	31	7	6	8	2	2	8	27	8	25	9	11	6	3	1		
1933							28	31				32	36	13	7	41	28	24	33	15	9	3	9	3	10	7	8	3	1	7	5	11	1		
1934					7	14	7	13	22	14	71	10	3	45	4	74	45	8	4	6	10	4	2		2										
1935									8	21	112	18	10	17	9	49	18	24	14	8	10	8	5	5	4	3	5	8	1	2	2	4			
1936								60			2	5	75	20	18	18	25	18	21	3	11	5	36	3	6	9	10	7	7	6	1				
1937							59	1	2	31	6	10	43	21	33	38	27	14	26	9	9	8	5	7	8	3	1		3	1					
1938											59		31	37	9	34	45	18	19	15	6	5	2	8	5	3	12	21	9	12	9	5	1		
1939		2	1	3	1	1	3	10	3	3	37	16	33	8	66	45	14	22	15	2	4	6	26	8	8	14	11	1	2						
1940										33	45	20	14	60	37	9	49	8	23	11	16	19	8	6	4	3	1							
1941									59	1	37	13	5	80	23	15	24	20	11	19	6	11	10	4	7	13	3	4							
1942							59		31		31	2	6	21	44	30	19	14	22	8	4	1	7	32	2	9	6	9	4	1	1	2			
1943									61	41	5	6	4	35	50	27	45	10	2	3	3	10	15	12	8	19	5	1		2	1				
1944					2	5	1	2	67	41	6	41	12	12	23	23	17	10	19	7	1	12	19	14	7	7	7	8	3						
1945								59		62	1	5	31	10	14	33	16	7	10	13	18	9	14	16	14	7	15	8	2	1					
1946											59			46	9	54	39	47	22	5	8	23	20	11	4	6	4	6	1	1					
1947								59							70	35	17	25	17	9	21	19	16	17	11	16	9	9	6	2	2	2	2	1	

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	8766	100.0	9	5.50	222	7904	90.2	18	33.0	520	3125	35.6	27	200	191	611	6.9
1	1.00	2	8766	100.0	10	6.70	924	7682	87.6	19	41.0	224	2605	29.7	28	250	102	420	4.7
2	1.30	1	8764	100.0	11	8.20	184	6758	77.1	20	49.0	304	2381	27.2	29	300	113	318	3.6
3	1.60	5	8763	100.0	12	10.00	532	6574	75.0	21	60.0	314	2077	23.7	30	370	76	205	2.3
4	2.00	13	8758	99.9	13	12.00	565	6042	68.9	22	74.0	314	1763	20.1	31	450	85	129	1.4
5	2.50	16	8745	99.8	14	15.00	590	5477	62.5	23	90.0	252	1449	16.5	32	550	23	44	.5
6	3.00	160	8729	99.6	15	18.00	675	4887	55.7	24	110.0	184	1197	13.7	33	670	20	21	.2
7	3.70	364	8569	97.8	16	22.00	629	4212	48.0	25	130.0	227	1013	11.6	34	820	1	1	
8	4.50	301	8205	93.6	17	27.00	458	3583	40.9	26	160.0	175	786	9.0					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MICHIGAN RIVER AT WALDEN, CO.

YEAR	1	3	7	15	30	60	90	120	183
1924	738.0 3	712.0 3	637.0 3	494.0 4	415.0 4	285.0 6	250.0 5	206.0 5	139.0 7
1925	520.0 11	454.0 12	328.0 14	288.0 12	261.0 9	192.0 10	160.0 10	142.0 10	117.0 8
1926	860.0 1	824.0 1	716.0 2	628.0 1	523.0 1	382.0 2	321.0 2	283.0 2	201.0 2
1927	522.0 10	496.0 9	455.0 8	394.0 8	355.0 7	323.0 4	259.0 4	209.0 4	150.0 4
1928	818.0 2	783.0 2	757.0 1	619.0 2	472.0 3	355.0 3	289.0 3	240.0 3	170.0 3
1929	700.0 5	700.0 4	625.0 4	541.0 3	505.0 2	446.0 1	379.0 1	309.0 1	227.0 1
1930	500.0 13	467.0 11	345.0 12	230.0 14	173.0 14	125.0 15	112.0 14	87.0 15	80.0 12
1931	284.0 20	275.0 16	245.0 16	197.0 16	132.0 20	84.0 21	78.0 21	65.0 21	49.0 21
1932	558.0 8	494.0 10	443.0 9	402.0 7	320.0 8	281.0 7	236.0 7	194.0 6	140.0 5
1933	565.0 7	550.0 7	511.0 5	473.0 5	387.0 5	244.0 8	191.0 8	150.0 8	107.0 10
1934	124.0 24	106.0 24	77.0 24	67.0 24	55.0 24	36.0 24	31.0 24	26.0 24	20.0 24
1935	539.0 9	517.0 8	457.0 7	343.0 10	223.0 12	133.0 13	107.0 15	88.0 14	67.0 15
1936	403.0 14	354.0 14	345.0 13	278.0 13	203.0 13	177.0 11	139.0 11	114.0 11	85.0 11
1937	365.0 16	260.0 20	169.0 22	126.0 22	84.0 23	74.0 22	65.0 22	57.0 22	43.0 22
1938	590.0 6	552.0 6	485.0 6	424.0 6	369.0 6	287.0 5	246.0 6	191.0 7	139.0 6
1939	285.0 19	262.0 19	202.0 19	171.0 18	140.0 17	128.0 14	105.0 16	85.0 16	60.0 18
1940	182.0 23	150.0 23	135.0 23	102.0 23	85.0 22	67.0 23	62.0 23	52.0 23	38.0 23
1941	245.0 21	217.0 21	180.0 20	158.0 21	139.0 18	107.0 19	85.0 20	68.0 20	50.0 20
1942	505.0 12	441.0 13	365.0 11	298.0 11	233.0 11	153.0 12	133.0 12	106.0 12	75.0 14
1943	370.0 15	325.0 15	246.0 15	181.0 17	145.0 16	97.0 20	101.0 17	84.0 17	61.0 16
1944	230.0 22	195.0 22	174.0 21	166.0 20	139.0 19	109.0 18	89.0 19	74.0 19	51.0 19
1945	314.0 17	269.0 18	209.0 18	168.0 19	149.0 15	118.0 16	116.0 13	106.0 13	78.0 13
1946	307.0 18	273.0 17	212.0 17	199.0 15	130.0 21	110.0 17	98.0 18	80.0 18	61.0 17
1947	734.0 4	597.0 5	403.0 10	349.0 9	245.0 10	211.0 9	175.0 9	147.0 9	109.0 9

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MICHIGAN RIVER AT WALDEN, CO.

YEAR	1	3	7	14	30	60	90	120	183
1925	4.00 11	4.30 12	5.60 14	5.70 14	7.20 20	8.10 20	9.70 20	16.00 21	20.00 20
1926	10.00 22	10.00 22	10.00 22	10.00 22	10.00 22	10.00 22	13.00 22	18.00 22	28.00 23
1927	7.00 17	7.00 17	7.00 15	7.00 15	7.00 15	7.10 15	8.00 13	9.30 14	15.00 16
1928	15.00 23	15.00 23	15.00 23	15.00 23	15.00 23	15.00 23	18.00 23	20.00 23	25.00 22
1929	7.00 18	7.00 18	7.00 16	7.00 16	7.00 16	7.10 16	8.00 14	8.50 12	14.00 11
1930	7.00 19	7.00 19	7.00 17	7.00 17	7.00 17	7.10 17	8.00 15	9.80 16	20.00 21

06617100 MICHIGAN RIVER AT WALDEN, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MICHIGAN RIVER AT WALDEN, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1931	3.00	6	3.30	7	4.10	11	5.00	13	5.00	10	5.00	11	5.70	8	6.50	5	14.00	12
1932	4.00	12	4.00	8	4.00	10	4.00	9	4.00	7	4.00	7	5.30	5	6.50	6	14.00	13
1933	3.00	7	3.00	6	3.00	6	3.00	4	3.10	3	3.60	3	5.40	7	6.60	7	12.00	7
1934	7.00	20	7.00	20	7.00	18	7.00	18	7.00	18	7.10	18	8.70	18	12.00	19	16.00	17
1935	2.00	3	2.00	3	2.10	3	2.50	1	3.50	4	4.80	9	6.10	11	6.70	8	7.00	1
1936	4.00	8	4.00	9	4.00	7	4.00	10	4.00	8	4.00	4	6.00	9	7.00	9	12.00	8
1937	3.00	4	3.00	4	3.00	4	3.00	5	3.00	1	3.10	2	4.00	2	5.50	4	10.00	4
1938	4.20	13	4.70	13	7.00	19	7.00	19	7.00	19	7.10	19	8.00	16	9.30	13	14.00	14
1939	8.00	21	8.00	21	8.00	21	8.00	21	8.10	21	9.20	21	11.00	21	12.00	20	17.00	18
1940	1.10	1	1.20	1	1.50	1	2.50	2	5.60	13	6.50	13	8.70	17	10.00	17	14.00	15
1941	5.00	14	5.00	14	5.00	12	5.00	11	5.00	11	5.10	12	6.00	10	7.60	11	11.00	5
1942	3.00	5	3.00	5	3.00	5	3.00	6	3.00	2	3.00	1	3.70	1	4.80	1	12.00	9
1943	5.00	15	5.00	15	5.00	13	5.00	12	5.00	12	5.00	10	5.30	6	7.50	10	11.00	6
1944	4.00	9	4.00	10	4.00	8	4.00	7	4.00	9	4.00	5	4.30	3	5.00	2	8.20	3
1945	1.80	2	1.90	2	2.10	2	2.90	3	3.90	5	4.00	6	4.70	4	5.00	3	7.10	2
1946	7.00	16	7.00	16	7.00	20	7.00	20	7.00	14	7.10	14	9.10	19	12.00	18	17.00	19
1947	4.00	10	4.00	11	4.00	9	4.00	8	4.00	6	4.20	8	7.80	12	9.60	15	14.00	10

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
29	23	11	6.4	6.2	15	104	145	212	58	35	24
173	94	24	7.5	7.2	58	2820	11900	16600	2590	548	396
13	9.7	4.9	2.7	2.7	7.6	53	109	129	51	23	20
0.86	0.69	1.0	1.4	1.5	1.2	0.72	0.89	0.58	1.7	0.76	2.0
0.46	0.42	0.43	0.43	0.43	0.52	0.51	0.75	0.61	0.87	0.66	0.81
4.3	3.5	1.7	0.95	0.92	2.2	16	22	32	8.7	5.3	3.7

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.4	1.3	1.0	0.77	0.76	1.1	2.0	2.0	2.2	1.6	1.4	1.3
0.04	0.04	0.03	0.03	0.03	0.04	0.06	0.13	0.10	0.15	0.10	0.10
0.20	0.19	0.19	0.18	0.18	0.21	0.24	0.36	0.32	0.39	0.32	0.31
-0.20	-0.50	0.00	0.21	0.19	0.36	-0.63	-0.15	-0.77	-0.49	-0.27	0.16
0.14	0.14	0.18	0.23	0.23	0.19	0.12	0.18	0.14	0.24	0.22	0.24
8.3	7.8	6.0	4.5	4.5	6.6	12	12	13	9.5	8.5	7.6

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
56	818	29	0.84	0.51	0.472

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.7	0.05	0.22	-0.03	0.13	0.377

06617500 ILLINOIS CREEK NEAR RAND, COLO.

LOCATION.--Lat 40°27'45", long 106°10'35", in SW¼NW¼ sec.29, T.6 N., R.78 W., Jackson County, 1 mi (1.6 km) north of Rand and 2.5 mi (4.0 km) upstream from Willow Creek.

DRAINAGE AREA.--70.8 mi^2 (183 km^2).

REMARKS.--Natural flow of stream affected by diversions above station for irrigation of about 2,200 acres (8.90 km^2) and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ILLINOIS CREEK NEAR RAND, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1932				60		62			12	14	4	44	20	7	4	6	5	6	7	38	8	5	4	2	4	2	4	10	11	17	2	2	1	2	3
1933				90		31		6	9	19	36	35	11	6	36	7		4	4	1		8	15	3	4	7	4	2	2	10	3	10	2		
1934		13	1	31	2	65	19	76	10	7	10	36	3	4	20	4	4	12	8	6	4	3	8	6	12	1									
1935				121	3	33	38	11	10	3	24	4	5	10	10	8	7	8	10	3	3	4	6	7	5	4	5	8	5	3	1	2	3	1	
1936						91		34	16	21	8	34	9	7	7	5	12	7	28	7	4	6	8	5	5	12	10	5	11	12	2				
1937					59	62		6	16	22	18	47	9	3	5	4	28	10	6	4	4	10	7	13	7	7	10	6	2						
1938						31		60	2	2	56	29	54	10	18	7	3	5	6	1	5	3	4	2	5	2	8	11	7	15	7	10	2		
1939		1	1	2	53	5	81	10	10	37	10	27	13	2	23	4	4	1	3	3	5	1	3	3	6	7	4	11	9	17	1				
1940				60	40	11	6	82	25	9	4	13	7	4	12		4	7	6	3	11	8	11	12	7	8	7	6	3						

06617500 ILLINOIS CREEK NEAR RAND, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ILLINOIS CREEK NEAR RAND, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	3280	100.0	9	5.60	134	1813	55.3	18	29.0	78	749	22.8	27	150	59	237	7.2
1	1.20	14	3280	100.0	10	6.70	170	1679	51.2	19	35.0	66	671	20.5	28	180	50	178	5.4
2	1.60	2	3266	99.6	11	8.00	269	1509	46.0	20	41.0	44	605	18.4	29	210	74	128	3.9
3	1.90	364	3264	99.5	12	9.70	131	1240	37.8	21	50.0	48	561	17.1	30	260	16	54	1.6
4	2.20	157	2900	88.4	13	12.00	53	1109	33.8	22	60.0	66	513	15.6	31	310	24	38	1.1
5	2.70	391	2743	83.6	14	14.00	135	1056	32.2	23	72.0	53	447	13.6	32	370	8	14	.4
6	3.20	144	2352	71.7	15	17.00	45	921	28.1	24	86.0	55	394	12.0	33	440	3	6	.1
7	3.90	285	2208	67.3	16	20.00	67	876	26.7	25	100.0	50	339	10.3	34	530	3	3	
8	4.70	110	1923	58.6	17	24.00	60	809	24.7	26	120.0	52	289	8.8					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ILLINOIS CREEK NEAR RAND, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1932	655.0	1	573.0	1	494.0	1	358.0	1	274.0	2	223.0	1	164.0	2	132.0	2	92.0	1
1933	428.0	3	398.0	3	365.0	3	333.0	2	274.0	3	183.0	3	133.0	3	103.0	3	71.0	3
1934	103.0	8	99.0	8	94.0	8	90.0	8	78.0	8	54.0	8	42.0	8	33.0	8	23.0	8
1935	454.0	2	421.0	2	368.0	2	281.0	4	210.0	4	141.0	5	102.0	5	80.0	5	55.0	5
1936	276.0	5	260.0	5	243.0	5	230.0	5	202.0	5	160.0	4	122.0	4	99.0	4	71.0	4
1937	201.0	6	176.0	7	167.0	7	139.0	6	124.0	6	98.0	6	78.0	6	63.0	6	44.0	6
1938	424.0	4	391.0	4	357.0	4	329.0	3	286.0	1	220.0	2	174.0	1	133.0	1	92.0	2
1940	190.0	7	188.0	6	173.0	6	135.0	7	112.0	7	96.0	7	78.0	7	62.0	7	42.0	7

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ILLINOIS CREEK NEAR RAND, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1933	2.00	3	2.00	3	2.00	3	2.00	3	2.00	1	2.00	1	2.00	1	2.30	2	3.90	3
1934	2.00	4	2.00	4	2.00	4	2.00	4	2.00	2	2.50	4	2.70	4	3.00	5	4.20	4
1935	1.30	1	1.40	1	1.40	1	1.50	1	2.00	3	2.00	2	2.00	2	2.00	1	2.50	1
1936	2.90	6	3.00	7	3.00	7	3.00	7	3.00	7	3.00	6	3.00	6	3.20	6	4.70	6
1937	2.50	5	2.50	5	2.50	5	2.50	5	2.50	5	2.50	5	2.70	5	2.80	4	4.30	5
1938	3.00	7	3.00	6	3.00	6	3.00	6	3.00	6	3.50	7	3.70	7	4.50	7	5.80	7
1940	1.40	2	1.70	2	2.00	2	2.00	2	2.00	4	2.00	3	2.20	3	2.60	3	3.30	2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
7.2	6.6	3.0	2.3	2.6	3.6	35	136	147	32	10	7.3
4.2	4.8	0.56	0.19	0.53	2.0	339	4070	5850	246	61	17
2.1	2.2	0.75	0.43	0.73	1.4	18	64	77	16	7.8	4.1
-0.45	-0.31	-0.06	0.82	1.2	1.9	0.63	0.17	-0.01	-0.11	1.6	1.7
0.29	0.33	0.25	0.19	0.28	0.39	0.53	0.47	0.52	0.49	0.75	0.56
1.8	1.7	0.77	0.59	0.65	0.92	8.9	35	37	8.2	2.7	1.9

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.84	0.79	0.47	0.36	0.39	0.53	1.5	2.1	2.1	1.4	0.93	0.82
0.02	0.03	0.01	0.01	0.01	0.02	0.06	0.05	0.09	0.08	0.08	0.04
0.14	0.17	0.11	0.08	0.11	0.15	0.24	0.22	0.30	0.28	0.29	0.21
-1.1	-0.86	-0.41	0.72	0.85	0.88	-0.15	-0.31	-1.3	-1.3	0.52	0.94
0.17	0.21	0.24	0.21	0.29	0.28	0.16	0.11	0.14	0.20	0.31	0.26
6.8	6.5	3.8	3.0	3.2	4.4	12	17	17	12	7.6	6.7

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
33	157	13	-0.03	0.38	-0.194

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.5	0.04	0.19	-0.75	0.13	-0.198

06618000 WILLOW CREEK NEAR RAND, COLO.

LOCATION.--Lat 40°28'11", long 106°13'01", in SE¼SE¼ sec.23, T.6 N., R.79 W., Jackson County, 2.5 mi (4.0 km) upstream from mouth and 2.5 mi (4.0 km) northwest of Rand.

DRAINAGE AREA.--55.9 mi² (145 km²).

REMARKS.--Diversions above station for irrigation of about 4,000 acres (16.2 km²).

06618000 WILLOW CREEK NEAR RAND, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WILLOW CREEK NEAR RAND, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1932											31	62		23	89	9	18	11	12	2	7	7	9	6	26	12	9	24	1	3	5				
1933											59	49	31	69	34	7	11	11	5	9	29	4	6	6	6	6	2	5	6	8	1	1			
1934	38	11	7	5	11	10	9	5	2	6	5	81	49	32	56	30	5	2	1																
1935			90	55		3	5	7	16	2	9	10	10	6	19	27	16	29	13	17	6	5	3	1	3	2	2	1	2	1	5				
1936												68	4	68	55	20	12	8	37	10	18	9	15	8	7	5	10	7	4	1					
1937					5		3	2	9	8	72	46	9	39	58	18	46	12	5	6	9	5	4		3	1	2	3							
1938										1	63	51	13	44	16	23	16	39	8	11	5	5	8	4	7	8	9	8	6	9	9	2			
1939		1						1	2	12	72	42	46	15	42	27	8	27	3	6	7	11	12	11	7	4	2	4	3						
1940				1	1	5	4	3	23	34	129	21	48	18	18	8	6	13	11	4	5	2	7	3	1		1								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	38	3288	100.0	9	1.20	63	2954	89.8	18	8.7	95	651	19.8	27	65	52	119	3.6
1	0.10	12	3250	98.8	10	1.50	440	2891	87.9	19	11.0	65	556	16.9	28	82	22	67	2.0
2	0.20	97	3238	98.5	11	1.80	430	2451	74.5	20	14.0	86	491	14.9	29	100	22	45	1.3
3	0.30	61	3141	95.5	12	2.30	210	2021	61.5	21	17.0	48	405	12.3	30	130	20	23	.6
4	0.40	17	3080	93.7	13	2.90	314	1811	55.1	22	21.0	64	357	10.9	31	160	3	3	
5	0.50	18	3063	93.2	14	3.60	387	1497	45.5	23	27.0	39	293	8.9	32				
6	0.60	21	3045	92.6	15	4.50	169	1110	33.8	24	33.0	60	254	7.7	33				
7	0.70	18	3024	92.0	16	5.60	138	941	28.6	25	42.0	38	194	5.9	34				
8	0.90	52	3006	91.4	17	7.00	152	803	24.4	26	52.0	37	156	4.7					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WILLOW CREEK NEAR RAND, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1932	153.0	3	144.0	3	133.0	3	101.0	3	86.0	2	67.0	2	58.0	2	47.0	1	33.0	1
1933	165.0	1	134.0	4	113.0	4	104.0	2	73.0	3	53.0	3	40.0	3	31.0	3	22.0	3
1934	9.7	9	6.7	9	5.7	9	5.3	9	4.7	9	4.0	9	3.9	9	3.6	9	3.2	9
1935	149.0	4	147.0	2	135.0	2	93.0	4	55.0	5	31.0	6	24.0	6	19.0	6	14.0	6
1936	107.0	5	98.0	5	89.0	5	76.0	5	60.0	4	41.0	4	32.0	4	29.0	4	21.0	4
1937	80.0	7	75.0	7	61.0	7	39.0	7	25.0	7	17.0	7	13.0	7	11.0	7	8.8	7
1938	160.0	2	155.0	1	143.0	1	132.0	1	108.0	1	79.0	1	60.0	1	47.0	2	33.0	2
1939	91.0	6	81.0	6	65.0	6	59.0	6	44.0	6	33.0	5	25.0	5	20.0	5	14.0	5
1940	64.0	8	36.0	8	23.0	8	19.0	8	15.0	8	11.0	8	9.4	8	7.7	8	5.7	8

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WILLOW CREEK NEAR RAND, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1933	1.50	7	1.50	6	1.50	6	1.50	4	1.50	5	1.50	6	1.70	3	1.90	3	2.50	5
1934	2.00	8	2.00	8	2.00	8	2.00	7	2.00	7	2.00	7	2.20	7	2.60	8	3.00	7
1935	0.00	1	0.00	1	0.00	1	0.00	1	0.06	1	0.18	1	0.20	1	0.23	1	0.40	1
1936	1.40	5	1.60	7	1.70	7	2.00	8	2.00	8	2.00	8	2.30	8	2.50	7	3.10	8
1937	1.30	4	1.30	4	1.40	4	1.50	5	1.50	6	1.50	2	1.70	4	2.00	6	2.40	4
1938	0.40	3	0.40	2	0.50	2	0.74	2	1.30	2	1.50	3	1.70	5	1.90	4	2.00	3
1939	1.50	6	1.50	5	1.50	5	1.50	6	1.50	3	1.50	4	1.70	6	1.90	5	2.80	6
1940	0.10	2	0.60	3	1.30	3	1.40	3	1.50	4	1.50	5	1.50	2	1.50	2	1.90	2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
3.1	3.3	1.9	1.5	1.6	2.7	16	29	40	7.2	5.6	3.4
1.4	2.0	0.58	0.27	0.39	1.2	115	645	927	25	22	6.1
1.2	1.4	0.76	0.52	0.63	1.1	11	25	30	5.0	4.7	2.5
-0.18	-1.3	-1.3	-2.0	-1.1	-1.1	0.94	0.60	0.38	0.18	1.5	1.4
0.38	0.43	0.40	0.36	0.40	0.41	0.65	0.87	0.76	0.69	0.84	0.71
2.7	2.9	1.6	1.3	1.4	2.3	14	25	35	6.2	4.8	3.0

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.46	0.44	0.21	0.11	0.13	0.36	1.1	1.3	1.4	0.63	0.56	0.44
0.04	0.12	0.12	0.09	0.10	0.12	0.10	0.23	0.34	0.47	0.26	0.10
0.20	0.34	0.35	0.31	0.32	0.34	0.31	0.48	0.59	0.68	0.51	0.32
-1.4	-2.3	-2.7	-2.8	-2.6	-2.6	-0.34	-0.17	-1.6	-2.2	-1.4	-0.16
0.44	0.77	1.7	2.9	2.5	0.96	0.28	0.38	0.42	1.1	0.91	0.74
6.5	6.2	2.9	1.5	1.8	5.0	16	18	20	8.8	7.9	6.2

06618000 WILLOW CREEK NEAR RAND, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
9.7	32	5.7	0.35	0.59	-0.128

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.90	0.09	0.30	-0.59	0.34	-0.151

06618500 ILLINOIS CREEK AT WALDEN, COLO.

LOCATION.--Lat 40°43'35", long 106°17'24", in NW¼NE¼ sec.29, T.9 N., R.79 W., Jackson County, 0.5 mi (0.8 km) southwest of Walden, and 2 mi (3.2 km) upstream from mouth.

DRAINAGE AREA.--259 mi² (671 km²).

REMARKS.--Natural flow of stream affected by diversions above station for irrigation of about 23,200 acres (93.9 km²) and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ILLINOIS CREEK AT WALDEN, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1924				7	4			11	7	8	5	62	1	80		7	2	26	29	20	18	13	12	12	5	11	8	10	8						
1925										59		31		14	33	8	7	33	63	36	27	20	1	13	7	9	3	1							
1926										6	2	3	3	44	61	5	4	53	16	40	21	9	10	8	18	22	17	14	6	2		1			
1927											2	1	64	59	19	25	59	20	14	6		6	6	17	17	24	19	7							
1928						1	1	4	6	6	19	66	61	4	38	11	17	18	7	6	8	25	3	2	15	16	14	7	11						
1929											2	64	31	4	57	1	16	20	25	16	17	13	17	10	19	14	16	15	4		3		1		
1930								3		4	2	1	35	65	35	7	13	44	25	41	25	14	14	11	11	5	4	1	2	1	2				
1931								14		19	2	66	6	78	12	29	34	20	19	24	13	10	5	10	2	2									
1932								11		64	32	45	23	43	12	2	5	12	7	8	21	2	1	15	35	15	3	8	2						
1933								30		80	46	18	8	54	38	12	4	2	6	10	7	6	8	8	11	13	4								
1934	55	19	20		19	5	10	10	11	67	1	47	27	23	32	2	2	5	6	3	1														
1935	29	20	36	11	42	46	1	9	18	38	9	6	2	9	12	15	11	9	10	11	6	3	2	2	2	3	1	2							
1936	3							13	16	73	39	16	8	49	11	10	9	14	16	21	32	14	7	4	7	4									
1937	4	4	70	2	2	6	10	11	47	15	14	8	27	21	15	9	37	31	6	7	6	2	3	4		3	1								
1938					3	3	1	3	4	8	97	40	27	31	18	5	8	25	4	4	6	5	4	10	10	18	17	13	1						
1939	19	15	7		5	13	4	4	3	35	35	4	61	52	17	11	7	3	2	2	2	43	8	8	4	1									
1940	22	8	1		11	21	25	81	6	38	17	7	9	37	10	12	3	11	17	14	7	6	2	1											
1941					8	11	4	7	7	73	59	39	37	15	10	6	8	30	9	8	4	12	8	9	1										
1942	2	3	4	7	13	12	1	60	2	35	42	8	56	3	8	14	8	8	9	4	35	6	9	4	4	3	4	1							
1943				7	22	4	6	7	36	71	1	6	36	64	21	10	13	12	4	7	6	8	5	5	2	10	2								
1944		3	22	13	8	9	4	4	69	84	5	5	7	27	6	8	15	27	24	9	6	5	6												
1945						2	9	69	46	61	13	2	6	7	29	9	11	12	13	10	11	10	11	13	11	5	3	2							
1946			1	2	3	2	4	8	21	80	6	3	44	19	56	32	8	4	16	17	17	5	6	10	1										
1947									61	4	4	3	33	41	40	31	9	8	26	20	24	23	13	7	8	1	3	6							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	134	8766	100.0	9	1.90	928	7276	83.0	18	26.0	373	2260	25.8	27	370	87	131	1.4
1	0.10	72	8632	98.5	10	2.50	454	6348	72.4	19	35.0	344	1887	21.5	28	490	34	44	.5
2	0.20	161	8560	97.7	11	3.40	551	5894	67.2	20	47.0	320	1543	17.6	29	660	3	10	.1
3	0.30	49	8399	95.8	12	4.50	612	5343	61.0	21	63.0	260	1223	14.0	30	880	5	7	
4	0.40	140	8350	95.3	13	6.00	843	4731	54.0	22	84.0	161	963	11.0	31	1200	1	2	
5	0.60	135	8210	93.7	14	8.10	590	3888	44.4	23	110.0	183	802	9.1	32	1600	1	1	
6	0.80	80	8075	92.1	15	11.00	281	3298	37.6	24	150.0	190	619	7.1	33				
7	1.00	359	7995	91.2	16	15.00	310	3017	34.4	25	200.0	179	429	4.9	34				
8	1.40	360	7636	87.1	17	19.00	447	2707	30.9	26	270.0	119	250	2.9					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ILLINOIS CREEK AT WALDEN, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1924	635.0	4	622.0	4	520.0	5	442.0	4	354.0	4	242.0	6	212.0	6	168.0	5	112.0	6
1925	381.0	13	335.0	13	254.0	14	190.0	13	132.0	13	90.0	13	101.0	12	86.0	10	68.0	10
1926	1580.0	2	1030.0	2	732.0	2	567.0	1	427.0	1	321.0	2	287.0	2	247.0	1	172.0	1
1927	446.0	9	415.0	9	368.0	8	326.0	7	302.0	5	248.0	5	218.0	4	175.0	4	121.0	4
1928	540.0	5	533.0	5	523.0	4	447.0	3	359.0	3	313.0	3	236.0	3	190.0	3	129.0	3
1929	1650.0	1	1220.0	1	861.0	1	529.0	2	370.0	2	354.0	1	295.0	1	233.0	2	170.0	2
1930	1070.0	3	951.0	3	679.0	3	420.0	5	280.0	7	178.0	8	142.0	8	109.0	8	85.0	8
1931	220.0	18	203.0	18	158.0	18	112.0	18	81.0	19	72.0	16	61.0	17	49.0	17	34.0	17
1932	538.0	6	491.0	6	428.0	6	298.0	8	250.0	8	227.0	7	192.0	7	153.0	7	105.0	7
1933	320.0	16	288.0	15	261.0	13	246.0	10	197.0	10	136.0	10	105.0	10	81.0	12	55.0	12
1934	56.0	24	38.0	24	31.0	24	29.0	24	20.0	24	14.0	24	10.0	24	8.2	24	7.0	24
1935	400.0	12	363.0	11	285.0	11	183.0	14	108.0	14	69.0	17	48.0	20	38.0	20	26.0	20

06618500 ILLINOIS CREEK AT WALDEN, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ILLINOIS CREEK AT WALDEN, CO.

YEAR	1	3	7	15	30	60	90	120	183
1936	256.0 17	233.0 17	179.0 17	143.0 16	96.0 16	87.0 14	72.0 14	59.0 14	44.0 13
1937	326.0 15	273.0 16	184.0 16	109.0 19	64.0 21	48.0 21	36.0 21	33.0 21	24.0 21
1938	525.0 7	454.0 8	423.0 7	360.0 6	282.0 6	259.0 4	217.0 5	167.0 6	113.0 5
1939	206.0 19	181.0 19	140.0 19	133.0 17	100.0 15	85.0 15	70.0 15	54.0 15	36.0 16
1940	116.0 22	103.0 22	78.0 23	61.0 23	44.0 23	28.0 23	30.0 23	24.0 23	17.0 23
1941	189.0 20	142.0 20	118.0 21	90.0 21	88.0 18	63.0 18	50.0 19	40.0 19	27.0 19
1942	420.0 10	375.0 10	307.0 10	232.0 11	158.0 12	98.0 12	81.0 13	64.0 13	42.0 14
1943	350.0 14	289.0 14	220.0 15	161.0 15	92.0 17	55.0 19	63.0 16	52.0 16	36.0 15
1944	96.0 23	92.0 23	80.0 22	68.0 22	49.0 22	37.0 22	34.0 22	28.0 22	19.0 22
1945	400.0 11	351.0 12	268.0 12	224.0 12	164.0 11	119.0 11	101.0 11	83.0 11	57.0 11
1946	158.0 21	132.0 21	119.0 20	105.0 20	70.0 20	55.0 20	52.0 18	41.0 18	28.0 18
1947	481.0 8	460.0 7	336.0 9	289.0 9	202.0 9	139.0 9	116.0 9	95.0 9	68.0 9

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ILLINOIS CREEK AT WALDEN, CO.

YEAR	1	3	7	14	30	60	90	120	183
1925	0.30 10	0.30 10	0.33 10	0.50 10	1.00 11	2.00 13	2.70 14	4.30 16	8.70 21
1926	7.00 23	7.00 23	7.00 23	7.00 23	7.00 23	8.50 23	9.00 23	13.00 23	20.00 23
1927	2.00 20	2.00 20	3.00 20	4.90 21	5.00 21	5.00 21	5.30 21	6.00 21	7.80 19
1928	3.00 21	4.00 21	4.00 21	4.00 20	4.00 19	4.00 20	4.30 18	4.50 17	7.30 18
1929	0.60 13	1.10 18	1.40 16	2.00 17	2.10 17	3.60 18	4.30 19	5.70 20	6.50 17
1930	5.00 22	5.00 22	5.00 22	5.00 22	5.00 22	5.50 22	6.30 22	7.00 22	15.00 22
1931	1.00 16	1.00 14	1.60 18	3.10 19	4.00 20	4.00 19	4.70 20	5.30 19	8.70 20
1932	1.00 17	1.00 15	1.00 13	1.20 14	2.00 14	2.00 14	2.30 11	2.70 9	4.00 13
1933	1.00 18	1.00 16	1.00 14	1.00 12	1.10 12	1.50 11	1.70 8	2.00 6	3.60 9
1934	1.00 19	1.30 19	1.70 19	2.00 18	2.00 15	2.00 15	2.70 12	3.30 13	3.90 12
1935	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.02 1	0.07 1	0.07 1	0.20 1
1936	0.00 2	0.00 2	0.01 3	0.08 4	0.18 5	0.58 5	2.20 10	3.10 11	3.20 8
1937	0.00 3	0.00 3	0.09 5	0.14 5	0.17 4	0.19 2	0.51 3	2.10 7	2.30 4
1938	0.10 8	0.10 7	0.16 7	0.19 7	0.63 9	1.40 10	3.00 15	3.30 12	3.70 10
1939	0.60 14	0.67 13	1.50 17	1.90 15	2.10 18	2.60 17	3.40 17	3.90 15	5.20 14
1940	0.00 4	0.00 4	0.01 4	0.05 3	0.10 2	0.30 3	0.50 2	0.58 2	0.77 2
1941	0.00 5	0.00 5	0.00 2	0.01 2	0.17 3	0.61 6	1.50 7	2.40 8	2.60 6
1942	0.40 12	0.40 12	0.46 11	0.58 11	1.00 10	1.00 8	1.30 5	1.60 4	2.60 7
1943	0.00 6	0.07 6	0.10 6	0.21 8	0.33 7	1.10 9	1.80 9	2.80 10	3.80 11
1944	0.30 11	0.30 11	0.31 9	0.35 9	0.46 8	0.83 7	1.30 6	1.80 5	2.30 5
1945	0.10 7	0.13 8	0.17 8	0.18 6	0.21 6	0.38 4	0.73 4	1.10 3	1.20 3
1946	1.00 15	1.10 17	1.30 15	2.00 16	2.00 16	2.10 16	3.00 16	4.80 18	5.30 15
1947	0.20 9	0.27 9	0.59 12	1.20 13	1.50 13	1.60 12	2.70 13	3.50 14	5.30 16

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
12	9.3	4.0	2.6	2.9	7.5	114	101	131	28	13	8.4
144	52	6.6	2.7	4.8	29	8130	10300	7320	736	249	185
12	7.2	2.6	1.7	2.2	5.4	90	102	86	27	16	14
1.6	1.5	0.73	0.97	1.8	1.6	0.87	1.0	0.55	2.4	1.4	2.7
1.0	0.78	0.64	0.65	0.76	0.72	0.79	1.0	0.65	0.98	1.2	1.6
2.7	2.1	0.93	0.59	0.66	1.7	26	23	30	6.4	3.1	1.9

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.83	0.83	0.47	0.30	0.36	0.77	1.9	1.7	2.0	1.2	0.72	0.39
0.31	0.16	0.19	0.12	0.08	0.10	0.17	0.42	0.26	0.38	0.51	0.69
0.55	0.40	0.43	0.34	0.29	0.32	0.41	0.65	0.51	0.62	0.72	0.83
-1.1	-1.00	-1.7	-1.1	0.40	-0.15	-0.42	-1.0	-2.8	-1.9	-0.43	-0.67
0.67	0.48	0.92	1.1	0.79	0.41	0.21	0.38	0.26	0.52	1.00	2.1
7.2	7.3	4.1	2.6	3.2	6.7	17	15	17	10	6.3	3.4

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
36	663	26	0.88	0.71	0.504

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.4	0.12	0.35	-0.38	0.24	0.423

06619000 MICHIGAN RIVER NEAR COWDREY, COLO.

LOCATION.--Lat 40°51'42", long 106°20'12", in NE¼NE¼ sec.11, T.10 N., R.30 W., Jackson County, 300 ft (91 m) upstream from bridge on State Highway 312, 1 mi (1.6 km) upstream from mouth, and 1.5 mi (2.4 km) west of Cowdrey.

DRAINAGE AREA.--479 mi² (1,241 km²).

REMARKS.--Natural flow of stream affected by transmountain diversions, diversions above station for irrigation of about 46,000 acres (186 km²), and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MICHIGAN RIVER NEAR COWDREY, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1938															4	68	7	54	51	20	21	20	26	5	6	9	3	6	14	11	18	21	1		
1939	14	5	4	1	1	1	2	7	15	17	13	5	11	8	3		1	60	35	63	23	11	3	2	8	29	11	10	1	1					
1940							2	6	3	13	15	14	15	12	16	74	16	78	52	7	4	5	17	8	7	2									
1941								5	2	2	2	3	7	4	8	74	40	42	68	22	16	7	31	14	7	5	4	2							
1942										1	3	11	45	43	12	41	17	43	8	39	13	15	9	5	7	34	6	2	3	4	1	3			
1943											3	16	21	10	38	69	26	16	47	55	8	8	3	4	12	13	1	4	1	9	1				
1944	7		1	1	1	2	2	8	3	3	6	15	6	13	108	40	11	23	37	14	7	28	5	8	5	8	3	1							
1945								2	1	7	5	6		60	3	78	12	32	11	3	28	13	13	15	20	18	8	11	5	8	5	1			
1946												2	6	7	12	86	18	44	39	34	70	8	3	5	5	8	7	9	2						
1947															59	1	1	8	51	56	31	9	31	34	23	27	13	7	4	2	2	5	1		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	21	3652	100.0	9	1.50	43	3556	97.4	18	18.0	399	1783	48.8	27	210	52	176	4.8
1	0.10	5	3631	99.4	10	2.00	47	3513	96.2	19	24.0	313	1384	37.9	28	280	30	124	3.3
2	0.20	5	3626	99.3	11	2.70	72	3466	94.9	20	31.0	221	1071	29.3	29	370	35	94	2.5
3	0.30	2	3621	99.2	12	3.50	111	3394	92.9	21	41.0	124	850	23.3	30	490	27	59	1.6
4	0.40	2	3619	99.1	13	4.60	157	3283	89.9	22	54.0	141	726	19.9	31	640	30	32	.8
5	0.50	3	3617	99.0	14	6.10	263	3126	85.6	23	72.0	100	585	16.0	32	840	2	2	
6	0.70	6	3614	99.0	15	8.00	531	2863	78.4	24	94.0	100	485	13.3	33				
7	0.90	28	3608	98.8	16	11.00	149	2332	63.9	25	120.0	153	385	10.5	34				
8	1.20	24	3580	98.0	17	14.00	400	2183	59.8	26	160.0	56	232	6.4					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MICHIGAN RIVER NEAR COWDREY, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1938	881.0	1	824.0	1	764.0	1	686.0	1	587.0	1	502.0	1	438.0	1	341.0	1	240.0	1
1939	390.0	6	333.0	6	234.0	7	198.0	7	178.0	6	153.0	5	126.0	5	100.0	5	72.0	5
1940	141.0	10	128.0	10	97.0	10	79.0	10	74.0	10	48.0	10	41.0	10	34.0	10	26.0	10
1941	241.0	8	221.0	8	176.0	8	114.0	8	102.0	8	75.0	8	71.0	8	58.0	8	44.0	8
1942	820.0	3	748.0	3	589.0	2	432.0	3	276.0	4	170.0	4	156.0	4	121.0	4	84.0	4
1943	575.0	5	490.0	5	451.0	5	312.0	5	210.0	5	120.0	6	116.0	6	96.0	6	68.0	6
1944	216.0	9	178.0	9	137.0	9	105.0	9	75.0	9	70.0	9	60.0	9	48.0	9	34.0	9
1945	786.0	4	654.0	4	503.0	4	430.0	4	321.0	2	217.0	3	176.0	3	161.0	3	117.0	3
1946	320.0	7	289.0	7	241.0	6	205.0	6	146.0	7	93.0	7	86.0	7	74.0	7	53.0	7
1947	842.0	2	799.0	2	575.0	3	480.0	2	311.0	3	225.0	2	196.0	2	174.0	2	131.0	2

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MICHIGAN RIVER NEAR COWDREY, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1939	12.00	9	12.00	9	14.00	9	15.00	9	15.00	9	15.00	9	17.00	9	19.00	9	24.00	9
1940	0.00	1	0.00	1	0.00	1	0.04	1	0.62	1	1.10	1	1.80	1	2.40	1	7.20	2
1941	0.80	3	0.87	3	1.40	4	2.60	4	5.90	6	7.00	5	7.40	5	9.30	5	12.00	4
1942	1.00	4	1.10	4	1.20	3	2.40	3	3.50	3	4.30	3	6.20	3	8.40	4	16.00	6
1943	1.80	5	2.40	6	3.30	6	3.80	6	4.50	5	7.60	7	9.00	6	12.00	6	12.00	5
1944	2.10	6	2.30	5	2.60	5	3.30	5	4.40	4	7.00	4	7.00	4	7.70	3	9.80	3
1945	0.00	2	0.00	2	0.00	2	0.26	2	0.84	2	2.10	2	3.30	2	5.00	2	6.30	1
1946	8.50	8	8.50	8	9.40	8	10.00	8	10.00	8	10.00	8	12.00	8	17.00	8	18.00	8
1947	3.10	7	3.40	7	3.70	7	5.00	7	7.00	7	7.20	6	11.00	7	14.00	7	17.00	7

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
21	22	13	8.4	9.0	22	156	99	174	35	25	17
126	30	21	9.7	8.2	90	8150	9550	27500	1520	847	473
11	5.5	4.6	3.1	2.9	9.5	90	98	166	39	29	22
0.02	0.42	0.29	0.80	0.67	0.50	1.7	1.6	1.7	1.1	1.8	2.2
0.52	0.25	0.35	0.37	0.32	0.43	0.58	0.99	0.95	1.1	1.2	1.3
3.6	3.6	2.2	1.4	1.5	3.6	26	16	29	5.8	4.2	2.9

06619000 MICHIGAN RIVER NEAR COWDREY, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.3	1.3	1.1	0.89	0.93	1.3	2.1	1.8	2.1	1.3	1.1	0.97
0.09	0.01	0.02	0.03	0.02	0.04	0.05	0.21	0.15	0.31	0.36	0.28
0.30	0.11	0.16	0.17	0.14	0.20	0.23	0.46	0.39	0.55	0.60	0.53
-1.2	-0.06	-0.21	-0.53	-0.14	-0.35	0.34	-0.11	0.13	-0.28	-0.93	-0.15
0.24	0.08	0.14	0.19	0.15	0.15	0.11	0.26	0.19	0.43	0.53	0.55
7.8	8.2	6.8	5.5	5.8	8.1	13	11	13	7.9	6.9	6.0

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
50	1050	32	1.7	0.65	-0.102

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.6	0.06	0.25	0.40	0.16	-0.099

06619500 CANADIAN RIVER AT COWDREY, COLO.

LOCATION.--Lat 40°51'47", long 106°18'39", in sec.6, T.10 N., R.79 W., Jackson County, about 1,000 ft (305 m) upstream from Government Creek and 0.5 mi (0.8 km) north of Cowdrey.

DRAINAGE AREA.--180 mi² (466 km²).

REMARKS.--Natural flow of stream affected by diversions above station for irrigation of about 10,400 acres (42.1 km²) and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CANADIAN RIVER AT COWDREY, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1930							3			4		1		1	59	36	1	38	10	16	56	32	31	25	15	16	7	3	3	4	4				
1931												5	7	65	12	76	13	11	15	8	51	29	20	10	14	4	13	6		1	1	1	1	2	
1938															59	36	39	16	62	36	12	11	10	5	5	3	3	10	19	17	7	11	4		
1939		2	2	4	3	3		4		3	5	10	8	13	10	75	4	35	4	44	28	33	1	1	7	18	29	12	5	2					
1940													29	37	12	10	18	80	47	36	26	15	12	13	9	11	8	3							
1941														59		1	50	46	35	39	32	11	7	25	9	27	11	5	6	1	1				
1942										31		28			11	70	13	12	13	46	28	17	10	10	10	10	6	31	6	5	5	1	2		
1943												59	8	48	2	43	18	57	37	16	17	8	8	18	11	2	1	12							
1944							4	9	5	2	5	95	9	21	13	52	25	14	12	5	21	16	18	8	10	7	8	5	2						
1945												59	31		37	36	7	19	40	12	13	12	16	20	18	16	12	8	3	3	1	1		1	
1946														4	43	48	65	20	33	63	4	10	11	27	19	7	6	5							
1947												59				17	40	47	31	17	13	17	13	13	27	11	24	22	5	3	3	3			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	2	4382	100.0	9	1.70	42	4340	99.0	18	14.0	405	2092	47.7	27	120	88	205	4.6
1	0.20	2	4380	100.0	10	2.10	15	4298	98.1	19	18.0	287	1687	38.5	28	150	40	117	2.6
2	0.30	4	4378	99.9	11	2.70	343	4283	97.7	20	23.0	263	1400	31.9	29	190	34	77	1.7
3	0.40	3	4374	99.8	12	3.40	164	3940	89.9	21	29.0	165	1137	25.9	30	250	17	43	.9
4	0.50	3	4371	99.7	13	4.40	172	3776	86.2	22	37.0	176	972	22.2	31	310	18	26	.5
5	0.70	0	4368	99.7	14	5.50	381	3604	82.2	23	47.0	161	796	18.2	32	390	5	8	.1
6	0.80	11	4368	99.7	15	7.00	429	3223	73.6	24	59.0	185	635	14.5	33	500	3	3	
7	1.10	9	4357	99.4	16	8.90	381	2794	63.8	25	75.0	120	450	10.3	34				
8	1.30	8	4348	99.2	17	11.00	321	2413	55.1	26	95.0	125	330	7.5					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CANADIAN RIVER AT COWDREY, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1930	300.0	6	283.0	6	230.0	6	158.0	6	111.0	6	91.0	5	82.0	5	65.0	5	53.0	5
1931	500.0	2	472.0	1	340.0	2	218.0	3	133.0	4	90.0	6	82.0	6	65.0	6	46.0	6
1938	425.0	3	398.0	2	370.0	1	347.0	1	284.0	1	215.0	1	187.0	1	147.0	1	103.0	1
1939	174.0	8	151.0	9	119.0	10	116.0	8	94.0	9	89.0	7	73.0	7	58.0	7	40.0	7
1940	117.0	12	101.0	12	88.0	12	82.0	12	69.0	12	47.0	12	41.0	12	35.0	12	26.0	12
1941	242.0	7	171.0	7	135.0	8	115.0	9	100.0	7	80.0	8	67.0	8	55.0	8	40.0	8
1942	342.0	5	305.0	5	264.0	3	212.0	4	155.0	3	106.0	3	100.0	3	82.0	3	57.0	4
1943	147.0	10	125.0	11	120.0	9	97.0	11	75.0	11	50.0	11	51.0	11	42.0	11	31.0	11
1944	172.0	9	162.0	8	144.0	7	124.0	7	98.0	8	69.0	9	57.0	10	47.0	10	34.0	10
1945	585.0	1	396.0	3	236.0	5	160.0	5	117.0	5	101.0	4	89.0	4	79.0	4	58.0	3
1946	138.0	11	126.0	10	116.0	11	106.0	10	80.0	10	64.0	10	60.0	9	50.0	9	36.0	9
1947	358.0	4	328.0	4	237.0	4	222.0	2	172.0	2	142.0	2	121.0	2	105.0	2	77.0	2

06619500 CANADIAN RIVER AT COWDREY, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CANADIAN RIVER AT COWDREY, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1931	1.00	3	1.00	3	1.60	3	4.30	8	5.00	8	5.00	8	5.70	8	6.30	7	14.00	9
1939	6.00	10	6.00	10	6.00	10	6.00	9	6.00	9	6.10	9	7.40	9	9.30	9	14.00	10
1940	0.00	1	0.07	1	0.22	1	0.75	1	2.90	3	3.20	6	3.70	3	5.40	5	7.50	4
1941	3.40	8	3.50	8	3.80	8	4.00	7	4.00	7	4.10	7	5.00	6	6.30	6	9.60	7
1942	2.00	4	2.00	4	2.00	4	2.00	3	2.00	2	2.50	1	3.70	4	4.30	3	8.30	5
1943	3.00	5	3.00	5	3.00	5	3.00	4	3.00	4	3.00	2	3.70	5	4.50	4	7.30	3
1944	3.00	6	3.00	6	3.00	6	3.00	5	3.00	5	3.00	3	3.00	1	4.20	2	5.10	1
1945	0.91	2	0.97	2	1.00	2	1.10	2	1.70	1	3.00	4	3.30	2	4.00	1	5.20	2
1946	6.00	9	6.00	9	6.00	9	6.00	10	6.10	10	6.60	10	7.70	10	11.00	10	12.00	8
1947	3.00	7	3.00	7	3.00	7	3.00	6	3.00	6	3.10	5	5.40	7	6.90	8	8.70	6

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
17	16	8.2	4.3	4.3	9.5	75	68	104	24	16	11
72	39	8.3	2.6	2.0	18	942	1530	3970	343	148	51
8.5	6.2	2.9	1.6	1.4	4.3	31	39	63	19	12	7.2
1.1	0.63	-0.25	0.28	0.38	1.5	0.15	1.7	1.6	1.2	1.2	0.65
0.49	0.39	0.35	0.37	0.33	0.45	0.41	0.57	0.61	0.77	0.74	0.63
4.8	4.4	2.3	1.2	1.2	2.7	21	19	29	6.7	4.6	3.2

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.2	1.2	0.88	0.61	0.61	0.94	1.8	1.8	2.0	1.3	1.1	0.96
0.04	0.03	0.03	0.03	0.02	0.03	0.04	0.05	0.06	0.13	0.10	0.11
0.21	0.17	0.18	0.17	0.14	0.18	0.20	0.22	0.24	0.36	0.31	0.33
0.05	0.27	-0.99	-0.20	0.30	0.27	-0.55	0.55	0.47	-0.46	0.16	-0.80
0.17	0.14	0.20	0.28	0.24	0.19	0.11	0.12	0.12	0.28	0.28	0.34
8.3	8.2	6.2	4.2	4.2	6.6	13	12	14	8.8	7.8	6.7

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
30	126	11	1.3	0.38	-0.035

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.5	0.02	0.15	0.49	0.10	0.016

06620000 NORTH PLATTE RIVER NEAR NORTHGATE, COLO.

LOCATION.--Lat 40°56'10", long 106°20'21", in SW¼SE¼ sec.11, T.11 N., R.80 W., Jackson County, on right bank 350 ft (110 m) downstream from bridge on State Highway 125, 0.8 mi (1.3 km) upstream from Camp Creek, 4.2 mi (6.8 km) northwest of Northgate, and 4.4 mi (7.1 km) south of Colorado-Wyoming State line.

DRAINAGE AREA.--1,431 mi² (3,706 km²).

REMARKS.--Diversions for irrigation of about 130,000 acres (526 km²) of hay meadows above station. Transbasin diversions above station to Cache la Poudre River basin.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH PLATTE RIVER NEAR NORTHGATE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1916									31		29	31	3	21	28	19	16	41	16	12	7	16	30	14	21	8	12	11							
1917											59	31	53	11	11	18	16	19	7	11	2	21	4	7	8	10	9	16	7	12	14	13	6		
1918											59		61	24	67		34	3	1	8	16	12	15	2	2	12	27		2	9	9	2			
1919									67	15	51	50	12	15	35	28	6	3	3	39	4	8	8	7	8	5	1								
1920									32	62	32	3	43	13	6	11	40	9	10	7	10	6	8	4	15	2	3	10	6	11	18	5			
1921											90			10	39	33	3	7	39	30	20	13	5	7	17	7	13	8	3	7	1	8	2	3	
1922										59	31	34	75	46	17	4		1	1	23	5	5	11	11	18	12	8	4							
1923									88	90	4					29	21	6	5	18	9	1	1	2	6	11	17	17	25	4	1	6	1	1	2
1924									45	75	43	4	8	6	3	32	40	4	4	4	2	13	10	15	14	7	6	9	8	4	8	2			
1925										59	32	2	2	20	31	24	22	32	29	24	17	12	22	16	9	4	4	3	1						

06620000 NORTH PLATTE RIVER NEAR NORTHGATE, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH PLATTE RIVER NEAR NORTHGATE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1926										3	8	73	40	3	6	37	26	22	20	17	12	4	6	9	13	6	11	12	19	6	8	1	1	2	
1927									31	59	29	8	47	12	17	16	5	12	8	36	6	3	3	7	6	6	10	20	22	2					
1928											1	15	68	5	83	8	40	14	8	3	28	11	10	5	7	12	10	13	9	7	1	4	4		
1929										90	2	41	32	5	12		13	24	9	6	13	19	12	11	2	4	7	16	30	10	7				
1930									31	28	31	32	10	10	32	22	31	32	23	10	9	3	5	16	14	7	7	4	1	1	5	1			
1931					5	4	9	65	46	41	23	13	17	14	14	16	15	21	12	12	12	4	3	6	4	1	8								
1932									91	34	17	17	20	29	10	10	7	4	4	8	11	4	13	8	10	11	16	20	10	10	1	1			
1933				10	5	29	14	24	8	8	15	29	38	47	23	24	17	7	3	6	4	5	18	4	2	2	2	8	6	7					
1934		27	27	12	18	12	6	8	23	39	52	36	27	10	6	16	18	15	8	4	1														
1935				15	15	17	73	37	18	13	8	13	11	10	14	26	21	10	9	13	3	5	9	5	3	2	7	2	2	3	1				
1936						9	37	30	22	20	28	29	39	19	3	11	7	5	8	11	4	5	9	11	13	13	11	9	7	4	1	1			
1937					2	7	20	24	25	21	19	21	31	10	43	21	7	10	12	5	12	10	18	22	14	5	1	4		1					
1938									7	62	29	50	47	11	15	18	15	11	13	1	5	5	3	3	5	9	13	12	18	8	4	1			
1939				1	1	1	2	9	5	16	67	43	33	59	20	8	6	4	3	2	14	15	13	13	15	11	2	2							
1940							1	4	42	37	57	34	55	23	4	5	11	12	20	13	14	11	9	2	6	5		1							
1941								25	24	24	28	38	43	25	23	14	21	12	11	11	8	12	15	13	9	8		1							
1942				22	19	18	11	20	43	16	10	17	14	15	18	27	12	19	7	10	9	15	6	8	4	8	10	4	1	2					
1943							7	23	47	58	7	17	23	23	10	9	3	23	15	11	3	4	8	10	15	19	12	7	6	2	2	1			
1944					2	17	36	48	36	17	25	25	15	15	17	2	14	7	4	11	9	9	15	17	12	11	2								
1945						10	41	40	10	34	31	14	13	10	11	9	7	8	5	4	4	12	12	20	20	13	9	5	20	2	1				
1946								7	30	17	45	28	57	32	22	16	9	10	5	8	21	20	7	13	7	7	1	3							
1947							12	61	3	1	11	8	11	40	40	14	15	15	14	13	12	8	10	23	23	6	9	6	1	4	1	3	1		
1948							12	30	16	33	20	37	32	32	19	20	24	5	2	2	8	6	3	5	13	8	14	14	7	1	3				
1949								21	32	56	25	37	45	12	4	6	3	2	8	6	2	10	9	7	12	12	17	21	10	7	1				
1950									2	55	27	33	59	56	10	6	11	11	8	19	8	13	11	15	6	2	9	4							
1951									7	41	58	29	45	22	8	14	8	4	7	7	12	24	12	22	15	12	8	3	4	3					
1952										5	36	81	36	36	8	14	13	8	10	15	19	7	3	2	2	11	8	12	6	15	11	8			
1953							2	9	7	27	51	42	57	16	6	8	32	21	16	12	16	13	11	3	5	1	1	2	3	4					
1954							5	20	6	26	64	66	52	36	26	11	23	6	5	3	7	5	2	2											
1955							7	11	47	41	26	35	40	27	13	12	18	9	10	18	11	12	9	12	3	1	1	2							
1956					1	9	1	11	14	22	35	60	48	16	5	3	14	10	11	8	14	11	17	14	11	7	4	5	9	6					
1957						4	8	40	34	41	13	21	23	9	6	13	9	2	8	8	6	4	4	13	6	5	7	15	19	16	9	8	8	3	3
1958								1	6	11	8	50	70	51	18	22	33	9	3	5	2	7	11	12	11	12	3	3	8	9					
1959							2	2	18	72	65	35	12	5	5	8	8	14	16	17	16	26	9	8	7	4	9	7							
1960								4	15	17	30	38	27	22	17	17	31	15	27	14	19	19	9	7	8	6	9	10	3			2			
1961								9	27	24	58	46	10	9	13	10	18	22	19	18	10	20	9	11	7	10	11	4							
1962								6	3	16	8	12	32	50	11	15	11	14	23	16	19	17	5	5	11	18	14	15	16	3	13	7	3	2	
1963								3	29	17	66	40	35	18	12	17	27	15	11	14	13	11	15	8	4	5	5								
1964						18	57	23	49	27	11	18	16	16	9	7	14	10	5	12	14	13	14	13	15	5									
1965								11	31	57	30	38	16	6		3	10	10	8	15	14	4	6	8	14	35	9	13	11	6	5	4	1		
1966							7	6	11	11	2	9	27	67	32	49	44	33	26	12	22	2		2	2	1									
1967								7	28	40	55	26	11	15	15	8	14	16	19	15	16	10	8	6	14	23	7	6	4	2					
1968									1	29	43	51	52	20	15	8	6	4	15	18	13	9	13	17	15	8	12	11	6						
1969										2	28	109	51	33	10	4	4	4	8	11	11	14	31	19	10	6	1	7		2					
1970											1	32	87	29	22	40	25	11	7	14	7	12	5	6	11	15	15	14	9	1	1	1			
1971										31	44	15	38	28	19	35	16	7	7	2	4	8	23	22	18	9	15	13	10	1					
1972								3	8	47	18	11	32	35	56	25	24	8	9	13	19	13	12	10	5	2	4	3	4	3	2				
1973										1	73	73	30	24	10	26	10	2	4	4	9	9	10	10	11	7	14	18	12	3	3	2			
1974										10	61	79	32	17	7	9	16	16	11	14	8	5	8	8	14	6	4	14	6	8	8	4			
1975									1	64	38	42	49	30	7	6	7	8	7	7	8	8	8	9	10	14	16	9	14	3					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	21915	100.0	9	78.00	1877	18539	84.6	18	380.0	619	6279	28.7	27	1800	438	1148	5.2
1	19.00	27	21915	100.0	10	92.00	1958	16662	76.0	19	450.0	736	5660	25.8	28	2200	296	710	3.2
2	23.00	28	21888	99.9	11	110.00	1909	14704	67.1	20	540.0	601	4924	22.5	29	2600	183	414	1.8
3	27.00	65	21860	99.7	12	130.00	1832	12795	58.4	21	640.0	577	4323	19.7	30	3100	128	231	1.0
4	32.00	128	21795	99.5	13	160.00	1098	10963	50.0	22	760.0	615	3746	17.1	31	3700	73	103	.4
5	38.00	309	21667	98.9	14	190.00	954	9865	45.0	23	910.0	577	3131	14.3	32	4400	19	30	.1
6	46.00	580	21358	97.5	15	220.00	1050	8911	40.7	24	1100.0	550	2554	11.7	33	5300	9	11	
7	55.00	755	20778	94.8	16	270.00	862	7861	35.9	25	1300.0	407	2004	9.1	34	6300	2	2	
8	65.00	1484	20023	91.4	17	320.00	720	6999	31.9	26	1500.0	449	1597	7.3					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH PLATTE RIVER NEAR NORTHGATE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1916	1980.0	44	1980.0	43	1910.0	40	1740.0	36	1450.0	37	1370.0	27	1220.0	25	1070.0	25	846.0	22
1917	4840.0	7	4750.0	6	4400.0	5	4020.0	4	3570.0	1	3140.0	1	2690.0	1	2250.0	1	1590.0	1
1918	3810.0	16	3720.0	11	3600.0	11	3280.0	11	2700.0	10	2100.0	12	1660.0	16	1400.0	16	999.0	15
1919	1570.0	52	1450.0	52	1310.0	50	1100.0	51	842.0	54	820.0	50	695.0	50	556.0	53	412.0	54
1920	3980.0	9	3770.0	10	3670.0	10	3460.0	9	3310.0	4	2650.0	3	2070.0	5	1670.0	7	1190.0	8
1921	6260.0	3	5880.0	3	5090.0	1	4450.0	1	3390.0	3	2460.0	6	1950.0	8	1610.0	9	1210.0	6
1922	1870.0	46	1780.0	46	1750.0	43	1510.0	43	1310.0	42	1230.0	35	1040.0	36	845.0	36	601.0	38
1923	6450.0	1	6200.0	1	5080.0	2	4130.0	2	3240.0	5	2630.0	5	2280.0	3	1860.0	3	1320.0	3
1924	3840.0	15	3680.0	12	3180.0	15	2640.0	15	2420.0	13	1780.0	19	1620.0	19	1330.0	19	912.0	20
1925	2500.0	38	2070.0	41	1700.0	44	1510.0	44	1320.0	41	1020.0	41	879.0	41	806.0	39	665.0	32

06620000 NORTH PLATTE RIVER NEAR NORTHGATE, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH PLATTE RIVER NEAR NORTHGATE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1926	5300.0	4	5050.0	4	4130.0	6	3560.0	7	2840.0	7	2240.0	10	1940.0	9	1660.0	8	1180.0	9
1927	2710.0	32	2580.0	31	2460.0	28	2210.0	24	2150.0	18	1940.0	14	1630.0	17	1340.0	18	978.0	18
1928	4900.0	5	4850.0	5	4570.0	4	3600.0	5	2840.0	8	2330.0	8	1850.0	10	1540.0	10	1110.0	10
1929	3450.0	22	3420.0	18	3210.0	14	2940.0	12	2610.0	11	2370.0	7	2070.0	6	1730.0	6	1280.0	4
1930	3900.0	13	3670.0	13	3310.0	13	2410.0	20	1880.0	24	1290.0	31	1140.0	29	918.0	32	722.0	28
1931	1730.0	48	1680.0	48	1640.0	47	1240.0	49	873.0	52	685.0	54	625.0	55	497.0	55	358.0	56
1932	3720.0	19	3470.0	17	2850.0	19	2510.0	19	2090.0	19	1900.0	16	1810.0	11	1520.0	11	1080.0	11
1933	2860.0	30	2820.0	26	2750.0	22	2550.0	18	2020.0	20	1370.0	28	1050.0	35	843.0	37	608.0	37
1934	549.0	60	502.0	60	466.0	60	383.0	60	344.0	60	300.0	60	275.0	60	231.0	60	181.0	60
1935	3420.0	23	3150.0	22	2780.0	21	2180.0	25	1570.0	31	1090.0	37	827.0	44	682.0	47	502.0	47
1936	3980.0	10	3480.0	16	3060.0	16	2560.0	17	1930.0	21	1730.0	21	1410.0	22	1180.0	22	830.0	23
1937	2360.0	40	1920.0	44	1650.0	45	1270.0	48	1070.0	47	887.0	47	792.0	48	688.0	46	506.0	46
1938	3850.0	14	3390.0	20	2960.0	17	2610.0	16	2230.0	15	2010.0	13	1760.0	12	1400.0	17	996.0	16
1939	1670.0	51	1540.0	51	1280.0	51	1080.0	52	886.0	51	859.0	49	793.0	47	641.0	48	455.0	48
1940	1560.0	53	1290.0	56	1170.0	54	1010.0	53	816.0	56	622.0	56	543.0	57	464.0	56	337.0	57
1941	1500.0	54	1300.0	54	1030.0	56	920.0	57	896.0	50	811.0	51	666.0	53	567.0	52	426.0	51
1942	3000.0	26	2650.0	30	2300.0	31	1850.0	33	1400.0	38	962.0	42	959.0	38	803.0	40	569.0	40
1943	3170.0	24	2820.0	27	2120.0	35	1600.0	41	1510.0	33	1090.0	38	1120.0	30	986.0	28	715.0	29
1944	1320.0	56	1290.0	55	1180.0	53	1130.0	50	1010.0	49	878.0	48	744.0	49	618.0	49	438.0	50
1945	2700.0	33	2260.0	38	2130.0	34	1940.0	31	1580.0	29	1350.0	29	1290.0	23	1150.0	23	824.0	24
1946	2140.0	43	2020.0	42	1650.0	46	1490.0	46	1040.0	48	911.0	45	847.0	43	709.0	43	527.0	44
1947	3960.0	11	3410.0	19	2460.0	29	2170.0	26	1680.0	28	1390.0	25	1200.0	27	1020.0	27	757.0	26
1948	2900.0	28	2850.0	25	2450.0	30	1910.0	32	1550.0	32	1490.0	23	1180.0	28	940.0	29	657.0	35
1949	3170.0	25	3000.0	23	2810.0	20	2650.0	14	2290.0	14	1870.0	17	1740.0	14	1460.0	12	1020.0	13
1950	1930.0	45	1890.0	45	1820.0	41	1650.0	39	1370.0	39	1080.0	39	890.0	40	750.0	41	545.0	42
1951	2900.0	29	2790.0	28	2490.0	25	1960.0	30	1700.0	27	1380.0	26	1220.0	26	1080.0	24	790.0	25
1952	4190.0	8	4150.0	8	3980.0	8	3490.0	8	2770.0	9	2640.0	4	2140.0	4	1740.0	4	1230.0	5
1953	2510.0	37	2300.0	36	2180.0	33	1680.0	38	1200.0	46	808.0	52	682.0	52	593.0	50	455.0	49
1954	890.0	59	771.0	59	596.0	59	502.0	59	363.0	59	310.0	59	283.0	59	249.0	59	204.0	59
1955	1730.0	49	1560.0	49	1220.0	52	943.0	56	746.0	57	556.0	57	568.0	56	464.0	57	361.0	55
1956	2520.0	36	2440.0	35	2210.0	32	2110.0	27	1710.0	26	1280.0	32	1080.0	33	912.0	33	660.0	34
1957	6290.0	2	6130.0	2	5000.0	3	4090.0	3	3490.0	2	2770.0	2	2480.0	2	2110.0	2	1480.0	2
1958	2570.0	35	2560.0	32	2480.0	26	2230.0	23	1780.0	25	1350.0	30	1100.0	31	880.0	35	632.0	36
1959	1740.0	47	1700.0	47	1600.0	48	1500.0	45	1240.0	44	942.0	44	815.0	45	702.0	44	524.0	45
1960	3600.0	21	2860.0	24	1760.0	42	1570.0	42	1260.0	43	890.0	46	957.0	39	831.0	38	600.0	39
1961	1670.0	50	1550.0	50	1470.0	49	1380.0	47	1220.0	45	961.0	43	803.0	46	693.0	45	550.0	41
1962	4860.0	6	4560.0	7	4080.0	7	3570.0	6	3010.0	6	2260.0	9	2040.0	7	1730.0	5	1200.0	7
1963	1470.0	55	1360.0	53	1120.0	55	1000.0	54	870.0	53	681.0	55	641.0	54	538.0	54	417.0	53
1964	1190.0	57	1140.0	57	1020.0	57	974.0	55	829.0	55	747.0	53	691.0	51	583.0	51	424.0	52
1965	3720.0	20	3630.0	14	3350.0	12	2930.0	13	2210.0	16	1760.0	20	1620.0	18	1420.0	14	1050.0	12
1966	1100.0	58	1020.0	58	814.0	58	579.0	58	431.0	58	345.0	58	367.0	58	331.0	58	275.0	58
1967	2370.0	39	2280.0	37	1970.0	38	1740.0	37	1500.0	34	1260.0	34	986.0	37	888.0	34	664.0	33
1968	2170.0	42	2110.0	40	1930.0	39	1630.0	40	1500.0	35	1280.0	33	1090.0	32	937.0	30	695.0	30
1969	2810.0	31	2560.0	33	2060.0	37	1790.0	34	1370.0	40	1120.0	36	1050.0	34	921.0	31	665.0	31
1970	3740.0	18	3270.0	21	2530.0	23	2080.0	28	1930.0	22	1790.0	18	1490.0	20	1240.0	21	900.0	21
1971	2700.0	34	2510.0	34	2460.0	27	2250.0	22	1890.0	23	1540.0	22	1430.0	21	1320.0	20	963.0	19
1972	2990.0	27	2790.0	29	2490.0	24	2030.0	29	1480.0	36	1070.0	40	867.0	42	724.0	42	536.0	43
1973	3790.0	17	3550.0	15	2870.0	18	2260.0	21	2210.0	17	1910.0	15	1690.0	15	1410.0	15	985.0	17
1974	3900.0	12	3830.0	9	3700.0	9	3430.0	10	2590.0	12	2110.0	11	1750.0	13	1430.0	13	1010.0	14
1975	2340.0	41	2200.0	39	2070.0	36	1760.0	35	1570.0	30	1460.0	24	1280.0	24	1060.0	26	747.0	27

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH PLATTE RIVER NEAR NORTHGATE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1917	100.00	55	100.00	54	100.00	52	100.00	52	100.00	51	100.00	47	107.00	50	113.00	48	162.00	54
1918	100.00	56	100.00	55	100.00	53	100.00	53	100.00	52	101.00	50	110.00	53	133.00	54	158.00	52
1919	70.00	39	70.00	39	70.00	33	70.00	32	70.00	29	71.00	28	80.00	32	90.00	33	136.00	46
1920	70.00	40	70.00	40	70.00	34	70.00	33	70.00	30	75.00	29	77.00	26	82.00	23	102.00	29
1921	100.00	57	100.00	56	100.00	54	100.00	54	100.00	53	100.00	48	100.00	46	125.00	53	165.00	55
1922	80.00	45	80.00	44	80.00	43	80.00	43	80.00	42	85.00	40	90.00	41	100.00	39	128.00	41
1923	67.00	34	68.00	35	70.00	35	70.00	34	72.00	36	76.00	33	76.00	24	77.00	17	80.00	11
1924	70.00	41	70.00	36	70.00	36	70.00	35	70.00	31	75.00	30	77.00	27	82.00	24	145.00	49
1925	67.00	35	67.00	33	71.00	40	73.00	40	77.00	39	80.00	35	87.00	37	115.00	50	133.00	44
1926	120.00	58	120.00	58	120.00	58	120.00	58	120.00	57	121.00	56	130.00	56	160.00	58	228.00	58
1927	70.00	36	70.00	37	70.00	37	70.00	36	70.00	32	75.00	31	77.00	28	82.00	25	100.00	26
1928	150.00	59	150.00	59	150.00	59	150.00	59	150.00	59	150.00	59	167.00	59	175.00	59	210.00	57
1929	80.00	46	80.00	45	80.00	44	80.00	41	80.00	40	80.00	36	80.00	29	90.00	34	112.00	33
1930	70.00	37	70.00	38	70.00	38	70.00	37	70.00	33	80.00	37	87.00	38	95.00	35	156.00	50
1931	60.00	27	60.00	27	60.00	27	60.00	26	60.00	21	60.00	13	63.00	12	68.00	8	116.00	35
1932	33.00	9	33.00	9	36.00	8	43.00	8	62.00	23	70.00	27	72.00	17	76.00	15	101.00	27
1933	30.00	6	30.00	4	30.00	3	31.00	3	36.00	3	43.00	5	50.00	6	69.00	9	96.00	22
1934	62.00	29	64.00	31	65.00	30	65.00	27	71.00	34	81.00	38	88.00	39	95.00	36	106.00	31
1935	19.00	1	19.00	1	20.00	1	21.00	1	23.00	1	27.00	1	30.00	1	30.00	1	37.00	1
1936	42.00	15	43.00	15	45.00	16	46.00	12	47.00	10	51.00	9	61.00	11	76.00	16	83.00	12
1937	30.00	7	31.00	5	35.00	7	35.00	6	39.00	5	47.00	7	53.00	7	71.00	10	90.00	18
1938	53.00	25	54.00	26	57.00	26	66.00	29	76.00	38	85.00	41	88.00	40	96.00	37	99.00	24
1939	74.00	43	77.00	43	80.00	45	80.00	42	82.00	43	86.00	42	95.00	42	103.00	41	121.00	37
1940	26.00	2	29.00	3	39.00	9	46.00	13	63.00	24	67.00	19	74.00	21	83.00	26	91.00	19

06620000 NORTH PLATTE RIVER NEAR NORTHGATE, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH PLATTE RIVER NEAR NORTHGATE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1941	45.00	20	48.00	23	51.00	22	53.00	20	54.00	15	59.00	12	66.00	13	73.00	13	86.00	15
1942	27.00	3	27.00	2	28.00	2	29.00	2	31.00	2	35.00	2	45.00	3	54.00	4	100.00	25
1943	42.00	16	43.00	16	45.00	17	48.00	16	52.00	12	54.00	11	59.00	10	67.00	7	76.00	7
1944	42.00	17	43.00	17	43.00	13	45.00	10	45.00	8	46.00	6	49.00	5	55.00	5	70.00	5
1945	30.00	4	31.00	6	33.00	6	34.00	5	39.00	6	42.00	4	45.00	4	51.00	3	59.00	3
1946	62.00	30	63.00	29	64.00	29	65.00	28	66.00	25	76.00	32	84.00	34	98.00	38	116.00	36
1947	40.00	13	40.00	12	42.00	12	45.00	11	46.00	9	48.00	8	55.00	8	83.00	27	104.00	30
1948	50.00	24	51.00	24	52.00	23	54.00	21	56.00	18	64.00	17	73.00	18	83.00	28	111.00	32
1949	39.00	10	39.00	10	41.00	10	44.00	9	49.00	11	69.00	23	75.00	22	78.00	18	91.00	20
1950	80.00	44	81.00	46	83.00	46	83.00	45	84.00	45	87.00	43	96.00	43	108.00	44	126.00	38
1951	70.00	38	74.00	41	78.00	42	81.00	44	82.00	44	90.00	45	102.00	47	113.00	49	113.00	34
1952	90.00	52	92.00	50	94.00	49	97.00	49	98.00	48	104.00	53	108.00	51	112.00	46	132.00	42
1953	62.00	31	64.00	30	67.00	31	71.00	38	75.00	37	82.00	39	85.00	36	89.00	32	98.00	23
1954	44.00	18	45.00	18	46.00	18	48.00	17	53.00	13	68.00	22	84.00	35	86.00	29	89.00	16
1955	40.00	11	41.00	13	44.00	14	57.00	22	61.00	22	63.00	16	68.00	14	75.00	14	85.00	13
1956	40.00	12	40.00	11	42.00	11	47.00	14	53.00	14	61.00	14	80.00	30	86.00	30	89.00	17
1957	30.00	5	31.00	7	32.00	4	33.00	4	40.00	7	53.00	10	58.00	9	57.00	6	63.00	4
1958	86.00	49	87.00	48	92.00	48	95.00	48	96.00	47	103.00	52	108.00	52	113.00	47	136.00	45
1959	44.00	19	46.00	19	54.00	24	59.00	24	66.00	26	67.00	20	71.00	16	72.00	11	76.00	8
1960	60.00	28	61.00	28	62.00	28	69.00	30	80.00	41	87.00	44	97.00	44	117.00	51	160.00	53
1961	47.00	22	47.00	20	48.00	19	51.00	18	58.00	19	68.00	21	76.00	25	81.00	21	78.00	9
1962	72.00	42	74.00	42	75.00	41	84.00	46	103.00	54	114.00	54	120.00	55	144.00	56	254.00	59
1963	46.00	21	48.00	21	50.00	20	58.00	23	60.00	20	70.00	24	75.00	23	82.00	22	85.00	14
1964	32.00	8	32.00	8	33.00	5	37.00	7	37.00	4	38.00	3	41.00	2	45.00	2	56.00	2
1965	48.00	23	48.00	22	50.00	21	53.00	19	55.00	16	62.00	15	73.00	19	79.00	19	79.00	10
1966	100.00	53	100.00	57	105.00	57	113.00	57	120.00	58	125.00	57	133.00	57	149.00	57	202.00	56
1967	41.00	14	41.00	14	44.00	15	47.00	15	56.00	17	65.00	18	69.00	15	72.00	12	74.00	6
1968	63.00	32	67.00	34	70.00	39	72.00	39	72.00	35	77.00	34	83.00	33	87.00	31	102.00	28
1969	90.00	50	95.00	51	103.00	56	108.00	55	111.00	56	115.00	55	115.00	54	117.00	52	128.00	39
1970	90.00	51	95.00	52	101.00	55	108.00	56	109.00	55	126.00	58	133.00	58	137.00	55	158.00	51
1971	83.00	47	83.00	47	84.00	47	85.00	47	87.00	46	91.00	46	97.00	45	109.00	45	143.00	48
1972	54.00	26	54.00	25	55.00	25	60.00	25	66.00	27	70.00	25	80.00	31	102.00	40	128.00	40
1973	86.00	48	90.00	49	97.00	50	98.00	50	99.00	49	101.00	49	103.00	48	107.00	42	132.00	43
1974	100.00	54	100.00	53	100.00	51	100.00	51	100.00	50	102.00	51	105.00	49	108.00	43	140.00	47
1975	64.00	33	65.00	32	68.00	32	69.00	31	70.00	28	70.00	26	74.00	20	81.00	20	92.00	21

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
169	153	98	80	84	161	789	1140	1530	609	265	148
8870	3900	1080	618	581	7170	195000	374000	569000	194000	17900	9240
94	62	33	25	24	85	442	612	754	440	134	96
1.5	1.1	1.1	0.44	0.45	1.6	1.4	0.51	0.56	1.7	0.65	1.5
0.56	0.41	0.33	0.31	0.29	0.53	0.56	0.54	0.49	0.72	0.50	0.65
3.2	2.9	1.9	1.5	1.6	3.1	15	22	29	12	5.1	2.8

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.2	2.2	2.0	1.9	1.9	2.2	2.8	3.0	3.1	2.7	2.4	2.1
0.06	0.03	0.02	0.02	0.02	0.04	0.05	0.07	0.08	0.12	0.06	0.07
0.24	0.17	0.14	0.14	0.13	0.20	0.23	0.26	0.28	0.34	0.24	0.26
-0.20	0.02	0.15	-0.43	-0.47	0.37	0.19	-0.36	-1.6	-0.81	-0.51	0.05
0.11	0.08	0.07	0.08	0.07	0.09	0.08	0.09	0.09	0.13	0.10	0.13
7.7	7.6	7.0	6.6	6.7	7.6	10	11	11	9.4	8.4	7.4

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
436	29100	171	0.45	0.39	0.130

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.6	0.03	0.18	-0.44	0.07	0.186

06657500 LARAMIE RIVER NEAR GLENDEVEY, COLO.

LOCATION.--Lat 40°48'02", long 105°52'40", in NW¼NW¼ sec.36, T.10 N., R.76 W., Larimer County, on left bank 200 ft (61 m) downstream from bridge on county road, 350 ft (110 m) downstream from Nunn Creek, 1,300 ft (400 m) upstream from Stub Creek, and 3.0 mi (4.8 km) east of Glendevey.

DRAINAGE AREA.--101 mi² (262 km²).

REMARKS.--Diversions for irrigation of about 700 acres (2.83 km²) of hay meadows above station. Transbasin diversions above station to Cache la Poudre River basin were changed significantly in water years 1915 and 1940. Statistical summaries are shown for two periods, water years 1915-39, and water years 1940-75.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LARAMIE RIVER NEAR GLENDEVEY, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1915			31		90		30					70	7	44	13	9	3	6	4	5	9	8	5	15	10	2	2	1	1						
1916							96		66			39	30		10	12	35	2	5	11	3	13	12	9	8	5	10								
1917							31		59	31	31		56	7	8	21	12	4	1	5	10	33	4	7	1		10	6	6	3	3	3	3	9	1
1918						90	31		1	32	42	8	38	17	13	7	3	2		7	7	8	10	5	4	1	3		6	16	3	7	2	2	
1919							91	74	52	61	10	2	4	10	4	3	2	2	3	13	11	4	2	3	13	1									
1920				29	93	30	31	30			1	6	7	19	9	6	16	2	3	8	18	16	3	1	1	2	6	10	8	3	3	5			
1921		39	3	2	31	60		3	11	20	41	18	11	14	4	10	8	4	2	10	10	12	4	5	8	6	3	2	9	3	3	7	2		
1922				2	7	34	63	37	26	35	24	14	20	14	15	9	6	5	6	10	3	3	2	16	8	6									
1923					91	27	45	17	29	6	18	15	6	7	5	10	7	9	2	2	7	6	4	11	4	5	4	5	1		21				1
1924							60	62		4	19	50	41	36	6	5	4	4	8	8	5	3	2	8	8	9	8	4	3	3	3	1	2		
1925						28	62	31		30	31	23	21	25	17	18	7	5	7	17	7	21	11	4											
1926									59	65	13	42	19	15	24	9	12	16	10	5	8	7	7	11	6	4	3	5	1	6	8	10			
1927									91	31	19	28	30	25	13	15	21	13	9	13	5	5	1	8	8	16	9	4	1						
1928						29	62	31	7	20	44	32	16	11	12	7	7	3	3	14	7	8	8	9	12	3	7	2	2	2	6	2			
1929						59	62	10	7	24	6	20	56	11	11	8	8	9	9	10	3	5	1	5	3	3	8	10	5	10	2				
1930			28	31	60		25			6	9	23	56	32	9	12	10	6	6	14	10	11	5	4	4	3	1								
1931						7	77	75	51	7	19	10	19	22	13	7	4	3	18	9	6	9	1	3	5										
1932						2	70	45	50	19	45	11	14	31	3	1	3	6	5	9	2	4	4	2	15	15	4	3	1	1		1			
1933					59	36	13	48	24	16	72	20	9	8	5	2		2	1	9	3	5	3	2	4		2	1	5	6	7	3			
1934			1	10	26	24	26	105	66	21	11	17	5	7	4	7	2	7	12	6	4	4													
1935					64	38	67	44	16	17	18	22	8	7	8	4	2	4	3	3		7	6	6		5	4	2	2	3	3	2			
1936							91	38	23	21	52	38	15	5	3	3	5	7	4	14	7	16	1	8	10	5									
1937					59	35	42	20	20	65	30	8	11	7	9	5	3	4	4	23	6	8	6												
1938							63	9	46	32	76	15	20	5	5	2	9	15	6	6	2	4	2	8	3	2	11	9	12	1					
1939					59	1	84	35	22	25	31	19	20	8	4	1	3	8	6	14	3	5	12	2	2	1									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	9131	100.0	9	22.00	524	5056	55.4	18	97.0	136	1647	18.0	27	430	57	300	3.2
1	6.00	39	9131	100.0	10	26.00	700	4532	49.6	19	110.0	240	1511	16.5	28	500	67	243	2.6
2	7.10	63	9092	99.6	11	31.00	529	3832	42.0	20	140.0	155	1271	13.9	29	590	59	176	1.9
3	8.30	74	9029	98.9	12	36.00	530	3303	36.2	21	160.0	221	1116	12.2	30	700	64	117	1.2
4	9.80	639	8955	98.1	13	43.00	384	2773	30.4	22	190.0	127	895	9.8	31	820	31	53	.5
5	12.00	500	8316	91.1	14	51.00	214	2389	26.2	23	220.0	147	768	8.4	32	970	9	22	.2
6	14.00	1222	7816	85.6	15	60.00	202	2175	23.8	24	260.0	143	621	6.8	33	1100	11	13	.1
7	16.00	864	6594	72.2	16	70.00	188	1973	21.6	25	310.0	86	478	5.2	34	1300	2	2	
8	19.00	674	5730	62.8	17	83.00	138	1785	19.5	26	360.0	92	392	4.3					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LARAMIE RIVER NEAR GLENDEVEY, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1915	521.0	14	433.0	14	332.0	17	307.0	16	267.0	17	222.0	16	170.0	16	140.0	16	106.0	16
1916	397.0	17	384.0	16	368.0	15	358.0	14	314.0	14	250.0	14	201.0	13	168.0	13	124.0	12
1917	1340.0	2	1260.0	1	1240.0	1	1140.0	1	873.0	1	594.0	1	454.0	1	367.0	1	257.0	1
1918	1130.0	3	1070.0	2	1010.0	2	888.0	2	754.0	2	534.0	2	399.0	2	312.0	2	216.0	2
1919	310.0	21	303.0	20	299.0	20	283.0	19	228.0	19	167.0	19	123.0	21	98.0	21	71.0	21
1920	955.0	6	905.0	6	862.0	4	710.0	7	600.0	6	417.0	5	322.0	5	258.0	5	180.0	5
1921	1020.0	4	993.0	3	946.0	3	811.0	3	659.0	4	450.0	4	343.0	4	273.0	4	190.0	3
1922	356.0	18	347.0	18	332.0	16	292.0	17	272.0	16	197.0	18	153.0	18	125.0	17	90.0	18
1923	1440.0	1	980.0	4	849.0	5	796.0	4	684.0	3	475.0	3	353.0	3	277.0	3	190.0	4
1924	984.0	5	943.0	5	820.0	6	663.0	8	502.0	9	377.0	8	282.0	8	224.0	9	159.0	8
1925	237.0	23	231.0	23	219.0	23	205.0	22	190.0	21	166.0	20	136.0	19	115.0	19	88.0	19
1926	780.0	11	750.0	10	729.0	10	718.0	6	609.0	5	416.0	6	317.0	6	256.0	6	178.0	6
1927	430.0	15	398.0	15	375.0	14	317.0	15	296.0	15	247.0	15	194.0	15	162.0	14	119.0	14
1928	864.0	9	836.0	8	789.0	7	663.0	9	494.0	10	361.0	9	281.0	9	225.0	8	157.0	9
1929	720.0	12	709.0	11	675.0	11	623.0	10	529.0	8	389.0	7	291.0	7	231.0	7	166.0	7
1930	408.0	16	372.0	17	317.0	18	244.0	20	219.0	20	166.0	21	135.0	20	112.0	20	88.0	20

06657500 LARAMIE RIVER NEAR GLENDEVEY, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LARAMIE RIVER NEAR GLENDEVEY, CO.

YEAR	1	3	7	15	30	60	90	120	183
1931	306.0 22	298.0 21	224.0 22	192.0 23	177.0 22	129.0 23	107.0 23	89.0 22	65.0 22
1932	845.0 10	684.0 12	540.0 13	396.0 13	360.0 13	291.0 12	217.0 12	172.0 12	122.0 13
1933	865.0 8	830.0 9	779.0 8	721.0 5	569.0 7	345.0 11	242.0 11	188.0 11	131.0 11
1934	174.0 25	165.0 25	154.0 25	134.0 25	117.0 25	86.0 25	65.0 25	53.0 25	40.0 25
1935	925.0 7	869.0 7	769.0 9	617.0 11	443.0 12	279.0 13	199.0 14	157.0 15	110.0 15
1936	329.0 19	316.0 19	307.0 19	286.0 18	242.0 18	199.0 17	157.0 17	125.0 18	92.0 17
1937	218.0 24	205.0 24	191.0 24	161.0 24	158.0 24	126.0 24	99.0 24	81.0 24	60.0 24
1938	610.0 13	575.0 13	553.0 12	522.0 12	471.0 11	350.0 10	265.0 10	208.0 10	147.0 10
1939	320.0 20	285.0 22	247.0 21	214.0 21	177.0 23	143.0 22	108.0 22	85.0 23	62.0 23

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LARAMIE RIVER NEAR GLENDEVEY, CO.

YEAR	1	3	7	14	30	60	90	120	183
1916	15.00 19	15.00 19	15.00 19	15.00 19	15.00 18	15.00 18	15.00 15	16.00 16	20.00 14
1917	15.00 20	15.00 20	15.00 20	15.00 20	15.00 19	17.00 23	18.00 23	19.00 23	26.00 24
1918	12.00 11	12.00 10	12.00 9	12.00 9	12.00 9	12.00 9	12.00 9	13.00 8	18.00 8
1919	15.00 21	15.00 21	15.00 21	15.00 21	15.00 20	15.00 19	15.00 16	16.00 17	18.00 9
1920	9.10 5	9.10 4	9.10 4	9.10 3	9.20 3	10.00 6	10.00 3	11.00 4	12.00 1
1921	6.00 1	6.00 1	6.00 1	6.00 1	7.30 1	8.90 2	9.90 2	10.00 2	14.00 4
1922	13.00 15	13.00 15	13.00 13	13.00 11	13.00 11	14.00 12	15.00 17	15.00 12	18.00 10
1923	9.00 4	9.70 5	10.00 5	10.00 7	10.00 4	11.00 7	11.00 4	11.00 3	13.00 2
1924	15.00 22	15.00 22	15.00 22	15.00 22	15.00 21	15.00 20	16.00 18	16.00 18	23.00 22
1925	13.00 16	13.00 16	13.00 14	13.00 12	13.00 12	14.00 13	14.00 11	15.00 13	22.00 20
1926	18.00 24	18.00 24	18.00 24	18.00 24	18.00 24	18.00 24	18.00 24	19.00 24	26.00 23
1927	17.00 23	17.00 23	17.00 23	17.00 23	17.00 23	17.00 21	17.00 22	18.00 22	22.00 21
1928	13.00 17	13.00 17	13.00 15	13.00 13	13.00 13	14.00 14	14.00 12	15.00 14	21.00 18
1929	12.00 12	12.00 11	12.00 10	12.00 10	12.00 10	12.00 10	13.00 10	14.00 10	18.00 11
1930	8.00 2	8.00 2	8.00 2	8.00 2	8.10 2	8.60 1	9.10 1	9.60 1	16.00 5
1931	14.00 18	14.00 18	14.00 16	14.00 14	14.00 14	14.00 11	15.00 13	16.00 15	22.00 19
1932	12.00 13	13.00 12	13.00 11	14.00 15	15.00 15	15.00 15	16.00 19	17.00 19	20.00 15
1933	11.00 8	11.00 8	11.00 8	11.00 8	11.00 8	11.00 8	11.00 5	13.00 9	17.00 7
1934	12.00 9	12.00 9	13.00 12	14.00 16	16.00 22	17.00 22	17.00 20	18.00 20	20.00 16
1935	8.20 3	8.80 3	8.90 3	9.70 4	10.00 5	10.00 3	11.00 6	12.00 5	13.00 3
1936	12.00 10	13.00 13	14.00 17	15.00 17	15.00 16	15.00 16	15.00 14	15.00 11	19.00 12
1937	10.00 6	10.00 6	10.00 6	10.00 5	10.00 6	10.00 4	11.00 7	12.00 6	16.00 6
1938	13.00 14	13.00 14	14.00 18	15.00 18	15.00 17	15.00 17	17.00 21	18.00 21	20.00 17
1939	10.00 7	10.00 7	10.00 7	10.00 6	10.00 7	10.00 5	12.00 8	13.00 7	19.00 13

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
31	23	15	13	14	17	43	197	362	96	41	31
79	40	12	8.6	11	16	282	5810	48600	4790	411	116
8.9	6.3	3.4	2.9	3.3	4.0	17	76	220	69	20	11
0.05	-0.41	0.59	0.02	0.18	1.4	0.52	0.91	0.42	1.7	0.89	0.35
0.28	0.28	0.23	0.22	0.24	0.24	0.39	0.39	0.61	0.72	0.49	0.35
3.5	2.6	1.7	1.5	1.5	1.9	4.9	22	41	11	4.7	3.5

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.5	1.3	1.2	1.1	1.1	1.2	1.6	2.3	2.5	1.9	1.6	1.5
0.02	0.02	0.01	0.01	0.01	0.01	0.03	0.03	0.13	0.11	0.05	0.03
0.13	0.14	0.10	0.10	0.11	0.10	0.17	0.17	0.36	0.34	0.22	0.16
-0.68	-1.2	0.02	-0.36	-0.21	0.23	-0.13	-0.05	-1.4	-0.55	-0.20	-0.26
0.09	0.11	0.09	0.09	0.10	0.08	0.11	0.07	0.15	0.18	0.14	0.11
7.9	7.2	6.2	6.0	6.0	6.5	8.6	12	13	10	8.4	7.8

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
74	768	28	0.51	0.38	0.069

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.8	0.03	0.17	-0.28	0.09	0.004

06657500 LARAMIE RIVER NEAR GLENDEVEY, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LARAMIE RIVER NEAR GLENDEVEY, CO.

NUMBER OF DAYS IN CLASS

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR																																			
1940			91		1	33	19	39	15	7	23	19	12	8	8	9	14	20	4	8	7	6	3	8	5	2	4	1							
1941					28	94	9	31	10	15	30	9	15	13	14	12	6	10	10	15	11	13	4	2	4		2	4	3	1					
1942			59	31	7	46	27	23	10	15	19	28	20	11	6	6	7	2	2	5	1	1		1	8	9	7	4	4	4	1	1			
1943			31		28	77	12	51	32	17	9	8	6	5	2	7	3		1	10	9	4	8	4	5	4	5	5	8	6	6	2			
1944			60		31	34	15	55	32	17	4	5	7	9	6	16	7	9	5	13	11	15	6	7	2										
1945					90	49	10	43	6	7	8	12	7	3	5	7	9	8	5	15	14	20	18	15	10	3	1								
1946					59	62			3	41	38	13	11	10	8	7	6	6	11	31	18	14	8	4	5	2	5	1	1	1					
1947			59	33	1	12	4	34	23	18	11	21	10	17	8	7	12	8	3	8	2	8	18	9	5	5	6	6	11	3	2		1		
1948						8	12	104	4	44	8	37	25	15	14	12	14	19	12	8	1	1	2	2	6	4	9	3	2						
1949						1104	28	24	15	33	21	20	13	18	4	6	3	2	3	10	9	5	6	3	8	7		4	4	8	4	2			
1950			4	5	29	77	14	14	20	16	14	29	21	20	13	12	8	5	3	12	11	8	7	1	16	5	1								
1951					1	20	42	65	48	23	20	16	12	8	9	8	12	12	4	7	4	5	3	4	7	3	6	2	6	6	2	9	1		
1952					3	27	29	132	23	23	24	13	8	3	4	3	1	1	2	3	4	10	5	8	10	6	4	2	2	1	3	4	8		
1953					13	99	44	39	21	25	19	7	14	9	4	7	14	7	8	10	6	8	3	4		1	1	2							
1954				3	11	66	51	65	38	38	13	17	9	14	6	4	4	9	6	8	1	2													
1955			1	21	70	29	25	18	7	9	21	17	15	7	12	12	23	19	20	23	13	3													
1956						17	33	88	45	30	11	9	3	8	9	19	11	12	14	8	8	3	4	3	6	2	3	4	4	8	1	3			
1957						13	85	93	6	13	21	12	7	12	6	4	2	5	5	7	8	9	5	5	5		2	2	2	7	4	9	12	3	1
1958					7	23	27	56	45	39	27	34	25	17	3	7	3	3	5	7	2	5	2	3	1	1		2		5	8	8			
1959					1	95	42	12	40	17	27	22	13	13	12	6	7	5	3	2		3	6	10	7	7	6	2	3	4					
1960				3	29	38	18	26	7	16	30	21	37	21	19	19	7	4	8	16	9	7	10	4	4	4	1	3	3	2					
1961				1	6	111	30	38	28	12	20	3	13	12	14	6	8	10	5	3	4	3		2	2	1	3	1	11	11	5	2			
1962						2	11	41	21	34	29	51	17	19	8	12	18	10	2	1	4	6	5	18	8	9	13	11	12	3					
1963				2	3	22	83	29	29	11	23	23	22	15	20	22	10	8	6	9	12	9	3		4										
1964					36	90	15	39	14	13	10	13	13	13	15	12	3	6	5	16	9	16	12	2	4	7	3								
1965					21	87	30	48	11	5	6	5	5	10	17	21	17	16	4	6	3	6	4	4	11	4	3	2	2	3	2	9	3		
1966						3	33	97	27	13	27	34	28	18	17	17	7	8	5	19	6	4	2												
1967					29	73	35	21	28	22	32	27	12	4	3	3	4	5	1	4		2	4	8	12	8	6	8	7	3	4				
1968						36	52	61	17	10	20	16	25	16	21	24	19	8	4	2	3	1	1	3	1	2	3	3	6	9	3				
1969						15	65	49	18	24	40	30	18	12	16	4	3	6	4	5	8	14	5	6	9	6	5	2	1						
1970						4	38	114	14	22	27	25	15	17	9	8	2	2	7	6	4	4	1	1	1	2		7	4	9	11	11			
1971						47	30	61	23	31	27	12	13	18	14	10	4	7	4	6	4	11	5	3		2	1	3	3	4	4	8	10		
1972						13	71	55	21	34	31	26	22	30	11	4	2	4	2	2	2	2	3	4	3	3	2	2	6	4	4	3			
1973						49	62	38	14	15	33	22	15	23	6	6	5	3	3	7	7	6	5	2	8	10	7	9	3	1		4	2		
1974						1	56	81	29	30	36	22	14	9	9	5	4	1	5	5	4	1	3	3	6	6	12	8	5	5	5				
1975					2	91	19	43	17	22	29	24	18	9	9	7	3	7	4	8	5	1	5	7	7	1	8	9	7	2	1				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	13149	100.0	9	26.00	773	6796	51.7	18	99.0	198	2283	17.4	27	370	112	528	4.0
1	8.00	59	13149	100.0	10	30.00	788	6023	45.8	19	110.0	328	2085	15.9	28	430	120	416	3.1
2	9.30	279	13090	99.6	11	35.00	701	5235	39.8	20	130.0	221	1757	13.4	29	500	110	296	2.2
3	11.00	69	12811	97.4	12	41.00	533	4534	34.5	21	150.0	230	1536	11.7	30	580	70	186	1.4
4	12.00	526	12742	96.9	13	47.00	471	4001	30.4	22	180.0	173	1306	9.9	31	670	75	116	.8
5	14.00	1728	12216	92.9	14	55.00	363	3530	26.8	23	210.0	164	1133	8.6	32	780	37	41	.3
6	17.00	1122	10488	79.8	15	63.00	339	3167	24.1	24	240.0	186	969	7.4	33	910	3	4	
7	19.00	1827	9366	71.2	16	73.00	280	2828	21.5	25	280.0	126	783	6.0	34	1100	1	1	
8	23.00	743	7539	57.3	17	85.00	265	2548	19.4	26	320.0	129	657	5.0					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LARAMIE RIVER NEAR GLENDEVEY, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1940	374.0	28	368.0	28	344.0	27	283.0	27	225.0	29	172.0	30	143.0	30	119.0	30	89.0	30
1941	516.0	23	444.0	24	440.0	23	355.0	22	260.0	24	187.0	27	162.0	26	136.0	26	99.0	27
1942	695.0	14	618.0	16	532.0	18	488.0	18	401.0	18	272.0	19	198.0	18	155.0	21	108.0	24
1943	715.0	12	657.0	14	613.0	13	492.0	16	476.0	9	340.0	11	273.0	7	214.0	9	147.0	9
1944	268.0	32	249.0	32	223.0	32	206.0	32	183.0	32	148.0	31	130.0	31	109.0	31	79.0	31
1945	361.0	29	305.0	31	265.0	31	227.0	30	209.0	30	196.0	25	185.0	22	165.0	18	120.0	19
1946	548.0	21	471.0	23	365.0	26	336.0	24	257.0	25	206.0	23	176.0	23	155.0	22	115.0	20
1947	790.0	7	663.0	13	568.0	15	500.0	14	432.0	15	325.0	14	268.0	9	220.0	7	160.0	7
1948	479.0	25	428.0	25	376.0	24	325.0	25	303.0	22	193.0	26	153.0	29	134.0	27	97.0	29
1949	735.0	11	686.0	10	633.0	11	586.0	7	460.0	10	327.0	13	248.0	13	196.0	13	140.0	13
1950	337.0	31	312.0	30	297.0	30	275.0	28	245.0	26	185.0	28	155.0	28	128.0	29	98.0	28
1951	830.0	5	765.0	6	695.0	8	579.0	8	493.0	8	380.0	5	276.0	6	227.0	5	162.0	5
1952	886.0	3	877.0	2	852.0	3	775.0	3	556.0	4	387.0	4	289.0	5	224.0	6	154.0	8
1953	418.0	27	378.0	27	302.0	29	219.0	31	185.0	31	117.0	32	107.0	32	93.0	33	70.0	33
1954	155.0	36	146.0	35	129.0	36	121.0	36	99.0	36	76.0	36	62.0	36	52.0	36	42.0	36
1955	158.0	35	145.0	36	137.0	35	128.0	35	119.0	35	108.0	33	102.0	33	98.0	32	76.0	32
1956	740.0	10	712.0	9	636.0	10	556.0	11	454.0	11	301.0	16	231.0	15	191.0	14	137.0	15
1957	1180.0	1	994.0	1	963.0	1	855.0	1	778.0	1	551.0	1	415.0	1	324.0	1	223.0	1
1958	769.0	8	758.0	7	746.0	5	682.0	5	532.0	6	322.0	15	231.0	16	182.0	16	128.0	16
1959	550.0	20	545.0	19	469.0	20	427.0	21	352.0	21	257.0	21	189.0	21	151.0	23	112.0	22
1960	510.0	24	503.0	22	457.0	22	346.0	23	291.0	23	203.0	24	169.0	25	142.0	24	108.0	23
1961	680.0	15	667.0	12	626.0	12	576.0	9	529.0	7	341.0	10	244.0	14	190.0	15	140.0	14
1962	521.0	22	513.0	21	474.0	19	429.0	20	390.0	19	342.0	9	303.0	4	242.0	4	169.0	4
1963	228.0	33	221.0	33	193.0	33	159.0	33	139.0	33	105.0	34	85.0	34	77.0	34	63.0	34
1964	345.0	30	322.0	29	312.0	28	270.0	29	231.0	28	180.0	29	160.0	27	134.0	28	100.0	26
1965	835.0	4	813.0	4	774.0	4	715.0	4	534.0	5	367.0	6	271.0	8	218.0	8	160.0	6

06657500 LARAMIE RIVER NEAR GLENDEVEY, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LARAMIE RIVER NEAR GLENDEVEY, CO.

YEAR	1	3	7	15	30	60	90	120	183
1966	189.0 34	178.0 34	167.0 34	141.0 34	133.0 34	105.0 35	83.0 35	71.0 35	54.0 35
1967	644.0 17	611.0 18	558.0 17	514.0 13	435.0 14	343.0 8	255.0 12	199.0 12	141.0 12
1968	644.0 18	615.0 17	567.0 16	488.0 17	442.0 12	268.0 20	198.0 19	164.0 19	121.0 18
1969	435.0 26	389.0 26	367.0 25	293.0 26	237.0 27	222.0 22	171.0 24	139.0 25	104.0 25
1970	765.0 9	745.0 8	730.0 7	666.0 6	567.0 3	451.0 2	326.0 2	254.0 3	176.0 3
1971	887.0 2	868.0 3	855.0 2	801.0 2	688.0 2	446.0 3	326.0 3	257.0 2	179.0 2
1972	708.0 13	679.0 11	644.0 9	573.0 10	442.0 13	273.0 18	195.0 20	157.0 20	115.0 21
1973	820.0 6	778.0 5	741.0 6	547.0 12	427.0 16	336.0 12	258.0 10	203.0 10	144.0 10
1974	654.0 16	631.0 15	600.0 14	497.0 15	414.0 17	349.0 7	258.0 11	203.0 11	143.0 11
1975	609.0 19	538.0 20	462.0 21	448.0 19	387.0 20	290.0 17	219.0 17	176.0 17	127.0 17

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LARAMIE RIVER NEAR GLENDEVEY, CO.

YEAR	1	3	7	14	30	60	90	120	183
1941	13.00 19	13.00 19	13.00 14	13.00 14	13.00 11	14.00 14	14.00 12	15.00 12	20.00 20
1942	8.00 1	8.00 1	8.00 1	8.00 1	8.00 1	8.50 1	9.00 1	11.00 1	19.00 14
1943	10.00 2	10.00 2	10.00 2	10.00 2	10.00 2	11.00 4	12.00 6	13.00 5	17.00 6
1944	10.00 3	10.00 3	10.00 3	10.00 3	10.00 3	10.00 2	11.00 3	12.00 2	15.00 1
1945	12.00 13	12.00 12	12.00 9	12.00 8	12.00 7	12.00 5	12.00 4	13.00 6	15.00 2
1946	12.00 14	12.00 13	12.00 10	12.00 9	12.00 8	12.00 6	13.00 7	14.00 7	19.00 15
1947	10.00 4	10.00 4	10.00 4	10.00 4	10.00 4	10.00 3	10.00 2	12.00 3	17.00 3
1948	16.00 33	18.00 34	19.00 35	19.00 34	19.00 32	20.00 32	20.00 32	22.00 33	29.00 33
1949	13.00 20	14.00 22	15.00 21	15.00 19	15.00 18	15.00 15	15.00 13	16.00 16	19.00 16
1950	10.00 5	10.00 5	11.00 5	11.00 5	12.00 5	13.00 8	14.00 8	14.00 8	19.00 17
1951	13.00 21	15.00 23	15.00 22	16.00 24	17.00 24	17.00 24	19.00 30	20.00 30	22.00 23
1952	15.00 28	15.00 24	16.00 28	18.00 32	19.00 33	20.00 33	20.00 33	20.00 31	23.00 29
1953	12.00 15	12.00 14	13.00 15	14.00 15	14.00 12	16.00 18	16.00 18	16.00 17	18.00 7
1954	12.00 16	12.00 15	13.00 16	14.00 16	15.00 19	16.00 19	16.00 19	17.00 21	19.00 18
1955	10.00 6	11.00 7	11.00 6	12.00 6	12.00 6	12.00 7	12.00 5	13.00 4	18.00 8
1956	13.00 22	13.00 20	13.00 17	15.00 20	17.00 25	17.00 25	18.00 26	19.00 28	21.00 21
1957	14.00 23	15.00 25	16.00 29	16.00 25	17.00 26	18.00 26	18.00 27	18.00 22	19.00 19
1958	14.00 24	15.00 26	15.00 23	16.00 26	17.00 27	18.00 27	19.00 31	21.00 32	25.00 32
1959	12.00 17	12.00 16	13.00 18	15.00 21	15.00 20	16.00 20	16.00 20	16.00 18	18.00 9
1960	11.00 8	11.00 8	12.00 11	12.00 7	13.00 9	14.00 9	15.00 14	16.00 19	24.00 30
1961	11.00 9	12.00 9	14.00 19	14.00 17	14.00 13	15.00 16	15.00 15	15.00 13	18.00 10
1962	14.00 25	14.00 21	15.00 24	16.00 27	19.00 34	21.00 34	24.00 35	27.00 35	40.00 35
1963	12.00 10	12.00 10	13.00 12	13.00 10	14.00 14	14.00 10	15.00 16	15.00 14	18.00 11
1964	10.00 7	10.00 6	11.00 7	13.00 11	13.00 10	14.00 11	14.00 9	14.00 9	17.00 4
1965	12.00 11	12.00 11	12.00 8	13.00 12	14.00 15	14.00 12	14.00 10	15.00 10	17.00 5
1966	17.00 35	18.00 35	18.00 34	19.00 35	21.00 35	21.00 35	21.00 34	23.00 34	34.00 34
1967	12.00 12	13.00 17	13.00 13	13.00 13	14.00 16	14.00 13	14.00 11	15.00 11	18.00 12
1968	14.00 26	15.00 27	15.00 25	16.00 28	16.00 21	16.00 21	17.00 22	18.00 23	22.00 24
1969	15.00 29	15.00 28	15.00 26	15.00 22	17.00 28	18.00 28	18.00 28	18.00 24	22.00 25
1970	16.00 34	16.00 31	17.00 33	18.00 33	18.00 31	19.00 31	19.00 29	20.00 29	24.00 31
1971	15.00 30	15.00 29	16.00 30	16.00 29	16.00 22	16.00 22	17.00 23	18.00 25	23.00 26
1972	16.00 31	16.00 32	16.00 31	17.00 30	17.00 29	18.00 29	18.00 24	18.00 26	21.00 22
1973	14.00 27	15.00 30	15.00 27	15.00 23	16.00 23	16.00 23	16.00 21	17.00 20	23.00 27
1974	16.00 32	17.00 33	17.00 32	17.00 31	18.00 30	18.00 30	18.00 25	19.00 27	23.00 28
1975	13.00 18	13.00 18	14.00 20	14.00 18	14.00 17	15.00 17	15.00 17	16.00 15	19.00 13

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
33	24	19	16	15	17	39	173	332	106	49	36
144	47	27	19	11	8.6	322	5210	28600	3930	539	140
12	6.9	5.2	4.3	3.3	2.9	18	72	169	63	23	12
2.1	1.9	1.9	0.52	0.03	0.03	1.8	0.70	0.38	1.3	0.71	1.1
0.36	0.28	0.28	0.27	0.22	0.18	0.46	0.42	0.51	0.59	0.47	0.32
3.9	2.9	2.2	1.9	1.8	1.9	4.5	20	39	12	5.7	4.2

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.5	1.4	1.3	1.2	1.2	1.2	1.6	2.2	2.4	2.0	1.6	1.5
0.02	0.01	0.01	0.01	0.01	0.01	0.03	0.03	0.08	0.06	0.05	0.02
0.13	0.11	0.11	0.12	0.10	0.08	0.17	0.18	0.28	0.25	0.22	0.14
0.95	1.2	0.68	-0.30	-0.47	-0.57	0.78	0.01	-1.1	-0.03	-0.35	0.06
0.09	0.08	0.09	0.10	0.08	0.07	0.11	0.08	0.12	0.13	0.13	0.09
7.9	7.2	6.6	6.2	6.2	6.4	8.2	12	13	10	8.6	8.1

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
72	394	20	0.20	0.28	0.087

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.8	0.02	0.13	-0.60	0.07	0.144

06695000 SOUTH PLATTE RIVER ABOVE ELEVENMILE CANYON RESERVOIR, NEAR HARTSEL, COLO.

LOCATION.--Lat 38°58'03", long 105°34'51", in NE¼ sec.32, T.12 S., R.73 W., Park County, on left bank 200 ft (61 m) downstream from highway bridge, 2.5 mi (4.0 km) upstream from water line of Elevenmile Canyon Reservoir at elevation 8,561 ft (2,609 m), and 13 mi (21 km) southeast of Hartsel.

DRAINAGE AREA.--880 mi² (2,279 km²).

REMARKS.--Flow regulated by Antero Reservoir (capacity, 22,300 acre-ft or 27.5 hm³). Many small diversions above station for irrigation of about 24,000 acres (97.1 km²). Transmountain diversions from Colorado River Basin through Hoosier Pass tunnel to Arkansas River basin flowed past this station from July 1952 to July 1957. Statistical summaries are shown for two periods, water years 1940-51, 1958-75, and water years 1953-57.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
S PLATTE R AB 11-MILE CANYON RE, NR HARTSEL, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR															NUMBER OF DAYS IN CLASS																				
1940				1	1		1		32	34	25	33	38	30	37	25	30	17	19	7	7	3	2	3	19	2									
1941									46	61	27	34	7	3	4	4	4	1	15	19	19	29	19	26	25	11	9	2							
1942													28	31		73	18	8	21	19	30	30	27	30	17	30	3								
1943														59	52	59	17	30	24	26	28	24	15	23	8										
1944								1	2	10	39	32	34	18	31	22	8	8	7	20	34	13	23	39	15	10									
1945									60	1	32	3	18	37	14	10	4	40	24	11	15	23	40	7	5	8	6	4	3						
1946													4	66	36	41	26	12	45	46	29	25	16	9	8	2									
1947													28	5	33	41	14	46	41	15	33	22	6	14	26	21	15	3	2						
1948															62	29	65	18	14	18	13	18	22	18	40	32	9	6	2						
1949														90			58	12	45	21	32	20	7	12	11	6	13	6	13	17	2				
1950														4	68	93	40	42	17	23	28	27	13	10											
1951														92	2	57	59	13	18	12	7	12	18	20	23	18	11	3							
1958													5	5	7	39	72	58	42	29	20	46	15	5	6	6	8	2							
1959													46	51	55	64	45	5	9	26	7	17	19	12	9										
1960												2	41	43	30	70	35	15	18	23	20	34	22	5	3		2	2	1						
1961						1	2	4	4	3	4	7	44	58	15	44	16	41	6	31	5	12	24	24	11	2	5	2							
1962													3	11	8	5	96	38	9	19	49	42	40	24	21										
1963									1		2		36	21	44	71	32	12	20	32	34	25	1	1	22	11									
1964						29				1	37	33	4	38	15	42	36	26	38	9	12	20	15	5	2	4									
1965												31	1	43	53	23	31	1	6	21	4	18	17	16	18	26	28	23	5						
1966													28	35	22	45	20	63	39	50	26	27	7	3											
1967											2	5	37	38	43	87	48	20	18	22	18	12	7	6	2										
1968								31		29			32	3	47	40	15	52	29	16	15	23	11	5	2	8	5	2	1						
1969											3	14	25	13	26	36	43	30	29	21	29	22	23	29	14	4	3	1							
1970														1	13	36	68	18	16	11	19	25	32	32	19	32	23	7	2	5	2	1		2	1
1971													3	2	35	53	15	44	28	58	36	43	22	8	13	4	1								
1972													2	14	43	38	44	45	46	47	25	31	8	8	10	5									
1973															43	92	49	28	15	10	17	21	22	30	17	10	4	7							
1974			2	5	1	2	6		7	5	9	9	22	53	61	55	58	22	14	14	9	4	6	1											
1975		6	5				1	4	13	13	12	29	13	2	28	35	21	42	31	8	17	22	20	11	6	11	12	3							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	10957	100.0	9	4.40	157	10689	97.6	18	47.0	703	4593	41.9	27	490	73	132	1.2
1	0.50	6	10957	100.0	10	5.80	192	10532	96.1	19	61.0	684	3890	35.5	28	640	29	59	.5
2	0.70	7	10951	99.9	11	7.50	232	10340	94.4	20	79.0	637	3206	29.3	29	830	22	30	.2
3	0.90	6	10944	99.9	12	9.70	499	10108	92.3	21	100.0	690	2569	23.4	30	1100	4	8	
4	1.20	2	10938	99.8	13	13.00	866	9609	87.7	22	130.0	519	1879	17.1	31	1400	1	4	
5	1.60	3	10936	99.8	14	16.00	927	8743	79.8	23	170.0	436	1360	12.4	32	1800		3	
6	2.00	39	10933	99.8	15	21.00	1329	7816	71.3	24	220.0	372	924	8.4	33	2300	2	3	
7	2.60	40	10894	99.4	16	28.00	1087	6487	59.2	25	290.0	263	552	5.0	34	3100	1	1	
8	3.40	165	10854	99.1	17	36.00	807	5400	49.3	26	380.0	157	289	2.6					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
S PLATTE R AB 11-MILE CANYON RE, NR HARTSEL, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1940	306.0	23	297.0	22	277.0	22	258.0	20	217.0	17	134.0	24	103.0	24	84.0	26	62.0	27
1941	553.0	14	514.0	12	449.0	12	388.0	9	331.0	9	274.0	8	239.0	7	200.0	8	163.0	6
1942	456.0	16	382.0	16	334.0	16	320.0	13	258.0	14	231.0	11	207.0	10	195.0	9	161.0	8
1943	253.0	25	243.0	25	235.0	25	190.0	25	168.0	23	162.0	21	138.0	20	119.0	20	98.0	20
1944	356.0	19	335.0	20	329.0	18	280.0	16	240.0	15	212.0	14	185.0	12	159.0	12	118.0	14
1945	760.0	7	658.0	7	633.0	4	487.0	5	390.0	6	257.0	10	196.0	11	158.0	13	120.0	12
1946	320.0	22	258.0	24	237.0	24	209.0	24	150.0	26	149.0	23	125.0	22	109.0	22	91.0	22
1947	785.0	6	725.0	4	568.0	6	427.0	8	410.0	5	347.0	5	301.0	5	249.0	5	187.0	5
1948	820.0	3	705.0	5	604.0	5	521.0	4	430.0	4	373.0	4	327.0	4	288.0	4	214.0	4
1949	1240.0	2	1160.0	2	1060.0	2	976.0	2	831.0	2	666.0	1	499.0	2	402.0	2	290.0	2
1950	215.0	28	186.0	28	170.0	27	154.0	27	123.0	27	118.0	26	101.0	25	84.0	27	65.0	26
1951	637.0	9	568.0	10	474.0	10	368.0	12	314.0	10	278.0	6	266.0	6	225.0	6	162.0	7
1958	559.0	12	511.0	13	411.0	13	387.0	10	311.0	11	218.0	12	179.0	15	153.0	15	116.0	15
1959	252.0	26	239.0	26	225.0	26	183.0	26	161.0	25	156.0	22	122.0	23	99.0	23	76.0	24
1960	800.0	4	667.0	6	476.0	8	290.0	15	172.0	22	116.0	27	88.0	28	92.0	24	80.0	23
1961	600.0	11	490.0	14	398.0	14	278.0	17	225.0	16	217.0	13	180.0	14	146.0	16	107.0	16
1962	287.0	24	270.0	23	261.0	23	229.0	22	202.0	20	174.0	19	147.0	18	155.0	14	120.0	13
1963	379.0	18	355.0	18	329.0	19	304.0	14	289.0	13	199.0	17	151.0	17	131.0	17	104.0	17
1964	354.0	20	348.0	19	306.0	20	213.0	23	164.0	24	132.0	25	101.0	26	87.0	25	70.0	25
1965	794.0	5	741.0	3	647.0	3	605.0	3	542.0	3	470.0	3	421.0	3	352.0	3	281.0	3

06695000 SOUTH PLATTE RIVER ABOVE ELEVENMILE CANYON RESERVOIR, NEAR HARTSEL, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND.
MEAN
S PLATTE R AB 11-MILE CANYON RE, NR HARTSEL, CO.

YEAR	1	3	7	15	30	60	90	120	183
1966	178.0 29	158.0 30	136.0 30	131.0 29	104.0 29	83.0 29	74.0 29	68.0 29	59.0 28
1967	249.0 27	213.0 27	162.0 28	133.0 28	121.0 28	106.0 28	90.0 27	76.0 28	56.0 29
1968	657.0 8	584.0 8	473.0 11	375.0 11	297.0 12	202.0 16	157.0 16	131.0 18	100.0 19
1969	498.0 15	440.0 15	352.0 15	270.0 19	212.0 19	207.0 15	183.0 13	164.0 11	128.0 11
1970	3970.0 1	3120.0 1	1980.0 1	1400.0 1	880.0 1	602.0 2	523.0 1	445.0 1	335.0 1
1971	429.0 17	369.0 17	331.0 17	241.0 21	201.0 21	176.0 18	146.0 19	128.0 19	101.0 18
1972	322.0 21	307.0 21	293.0 21	277.0 18	214.0 18	166.0 20	136.0 21	118.0 21	96.0 21
1973	621.0 10	579.0 9	537.0 7	463.0 6	354.0 8	272.0 9	222.0 8	211.0 7	156.0 9
1974	170.0 30	162.0 29	148.0 29	112.0 30	92.0 30	71.0 30	56.0 30	45.0 30	39.0 30
1975	555.0 13	532.0 11	475.0 9	440.0 7	361.0 7	274.0 7	216.0 9	176.0 10	135.0 10

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
S PLATTE R AB 11-MILE CANYON RE, NR HARTSEL, CO.

YEAR	1	3	7	14	30	60	90	120	183
1941	0.91 2	1.50 2	3.70 4	4.00 4	4.00 4	4.50 4	4.70 1	5.20 1	6.70 1
1942	10.00 15	10.00 13	10.00 13	10.00 10	10.00 10	13.00 9	17.00 18	19.00 18	40.00 24
1943	15.00 25	15.00 23	15.00 23	15.00 21	15.00 20	15.00 19	16.00 15	17.00 13	22.00 12
1944	6.00 9	6.00 8	6.00 7	6.00 6	6.10 6	6.80 6	8.20 6	10.00 5	30.00 18
1945	3.00 6	3.80 6	4.00 5	4.00 5	4.00 5	4.00 1	4.70 2	6.60 2	28.00 16
1946	4.20 7	5.60 7	9.70 10	15.00 22	15.00 21	15.00 20	17.00 16	19.00 14	30.00 19
1947	11.00 17	12.00 18	12.00 15	12.00 16	12.00 15	15.00 21	18.00 19	25.00 24	25.00 13
1948	17.00 29	17.00 27	17.00 27	17.00 27	17.00 25	18.00 24	20.00 23	22.00 21	38.00 23
1949	15.00 26	15.00 24	15.00 24	15.00 23	15.00 22	15.00 22	15.00 9	19.00 15	28.00 17
1950	16.00 27	16.00 25	16.00 25	16.00 24	16.00 23	17.00 23	18.00 20	20.00 19	36.00 20
1951	14.00 22	14.00 22	14.00 22	14.00 19	14.00 19	14.00 15	15.00 10	16.00 8	21.00 9
1952	14.00 23	18.00 28	30.00 29	30.00 29	30.00 29	31.00 29	34.00 29	36.00 29	43.00 25
1959	11.00 18	11.00 14	12.00 16	12.00 17	12.00 16	14.00 16	15.00 11	17.00 9	18.00 6
1960	10.00 16	11.00 15	12.00 17	12.00 18	12.00 17	13.00 10	18.00 21	20.00 20	37.00 22
1961	8.60 11	9.50 11	10.00 11	11.00 12	11.00 12	13.00 11	16.00 12	17.00 10	19.00 7
1962	1.70 3	2.30 3	5.40 6	6.20 7	6.60 7	13.00 12	32.00 28	35.00 28	57.00 29
1963	10.00 12	10.00 12	10.00 12	10.00 11	10.00 11	13.00 13	16.00 13	19.00 16	21.00 10
1964	2.50 4	2.50 4	2.50 2	2.50 2	2.60 2	4.30 3	5.90 3	7.60 3	15.00 3
1965	5.50 8	6.20 9	6.50 8	8.80 9	9.00 8	12.00 7	13.00 7	14.00 7	17.00 5
1966	12.00 19	12.00 19	12.00 18	12.00 13	12.00 13	13.00 8	18.00 22	24.00 22	44.00 26
1967	12.00 20	12.00 20	12.00 19	12.00 14	12.00 14	14.00 14	17.00 17	19.00 17	21.00 11
1968	3.00 5	3.00 5	3.00 3	3.00 3	3.00 3	4.00 2	6.00 4	9.40 4	16.00 4
1969	6.50 10	6.80 10	7.20 9	7.90 8	10.00 9	15.00 17	14.00 8	17.00 11	25.00 14
1970	15.00 24	22.00 29	23.00 28	23.00 28	25.00 28	26.00 28	28.00 27	29.00 27	49.00 27
1971	10.00 13	11.00 16	13.00 20	17.00 25	19.00 26	20.00 25	21.00 24	26.00 26	50.00 28
1972	12.00 21	13.00 21	13.00 21	15.00 20	16.00 24	21.00 26	21.00 25	25.00 25	36.00 21
1973	16.00 28	17.00 26	17.00 26	17.00 26	19.00 27	22.00 27	23.00 26	24.00 23	25.00 15
1974	10.00 14	11.00 17	11.00 14	12.00 15	13.00 18	15.00 18	16.00 14	17.00 12	20.00 8
1975	0.56 1	0.55 1	0.65 1	0.73 1	2.00 1	6.10 5	8.00 5	11.00 6	13.00 2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
56	38	20	15	15	32	96	98	177	191	140	65
1290	343	89	53	62	550	10000	11400	21100	15300	8950	2900
36	19	9.4	7.3	7.9	23	100	107	145	124	95	54
0.57	0.62	0.33	0.34	0.92	3.4	3.0	2.8	2.2	1.5	1.4	1.2
0.65	0.49	0.48	0.50	0.52	0.74	1.0	1.1	0.82	0.65	0.68	0.82
5.9	4.0	2.1	1.6	1.6	3.4	10	10	19	20	15	6.9

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.6	1.5	1.2	1.1	1.1	1.4	1.8	1.8	2.1	2.2	2.0	1.7
0.09	0.06	0.07	0.07	0.07	0.06	0.12	0.16	0.13	0.07	0.09	0.16
0.30	0.25	0.26	0.26	0.26	0.25	0.35	0.40	0.36	0.26	0.30	0.41
-0.11	-0.92	-1.00	-0.80	-0.88	0.30	0.25	-0.07	-0.23	0.09	-0.23	-0.62
0.18	0.16	0.21	0.24	0.24	0.17	0.19	0.22	0.17	0.12	0.15	0.24
8.4	7.7	6.2	5.6	5.6	7.2	9.3	9.2	11	11	10	8.4

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
79	1400	37	1.4	0.48	-0.025

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.9	0.04	0.19	0.22	0.10	-0.054

06695000 SOUTH PLATTE RIVER ABOVE ELEVENMILE CANYON RESERVOIR, NEAR HARTSEL, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
S PLATTE R AB 11-MILE CANYON RE, NR HARTSEL, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1953											10	1	3	35	102	65	29	13	13	10	7	2	12	1	2	8	10	13	8	6	4	4	4	1	1	1
1954					3	3	2	15	10	10	21	108	41	21	18	23	14	18	13	22	6	11	4	2											
1955		1	60	10	32	1		3	1	35		12	22	31	19	7	13	10	12	23	8	18	7	3	8	16	5	5	2		1				
1956							7	7	32	38	99	10	14	8	6	11	20	16	11	12	7	16	8	8	19	8	3	6							
1957							37	71	33	4	6		5	7	35	10	21	12	3	15	6	7	5	12	5	4	7	10	12	8	5	6	6	10	3

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1826	100.0	9	18.00	90	1487	81.4	18	77.0	41	465	25.5	27	320	25	89	4.8
1	5.00	1	1826	100.0	10	21.00	161	1397	76.5	19	90.0	84	424	23.2	28	380	18	64	3.5
2	6.00	60	1825	99.9	11	25.00	232	1236	67.7	20	110.0	28	340	18.6	29	450	12	46	2.5
3	7.00	10	1765	96.7	12	30.00	147	1004	55.0	21	120.0	54	312	17.1	30	520	7	34	1.8
4	8.20	35	1755	96.1	13	35.00	96	857	46.9	22	150.0	32	258	14.1	31	610	7	27	1.4
5	9.70	4	1720	94.2	14	41.00	91	761	41.7	23	170.0	35	226	12.4	32	720	7	20	1.0
6	11.00	46	1716	94.0	15	48.00	64	670	36.7	24	200.0	45	191	10.5	33	840	10	13	.7
7	13.00	106	1670	91.5	16	56.00	78	606	33.2	25	240.0	36	146	8.0	34	990	3	3	.1
8	16.00	77	1564	85.7	17	66.00	63	528	28.9	26	280.0	21	110	6.0					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
S PLATTE R AB 11-MILE CANYON RE, NR HARTSEL, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1953	773.0	2	599.0	2	537.0	2	397.0	2	291.0	2	277.0	2	215.0	2	170.0	2	124.0	2
1954	182.0	5	168.0	5	166.0	5	142.0	5	111.0	5	106.0	5	92.0	5	81.0	5	63.0	5
1955	606.0	3	490.0	3	386.0	3	291.0	3	247.0	4	204.0	3	173.0	3	153.0	3	119.0	3
1956	373.0	4	369.0	4	326.0	4	288.0	4	251.0	3	199.0	4	162.0	4	138.0	4	103.0	4
1957	1010.0	1	976.0	1	916.0	1	866.0	1	757.0	1	588.0	1	468.0	1	372.0	1	271.0	1

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
S PLATTE R AB 11-MILE CANYON RE, NR HARTSEL, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1953	24.00	5	24.00	5	24.00	5	24.00	5	24.00	5	26.00	5	27.00	4	28.00	4	30.00	4
1954	13.00	4	14.00	4	14.00	4	15.00	4	18.00	4	24.00	4	27.00	5	28.00	5	29.00	3
1955	6.00	2	6.00	1	6.00	1	6.00	1	6.00	1	6.10	1	7.00	1	10.00	1	19.00	2
1956	5.10	1	6.80	2	7.00	2	11.00	2	17.00	3	18.00	3	19.00	3	20.00	3	34.00	5
1957	12.00	3	12.00	3	12.00	3	12.00	3	12.00	2	13.00	2	13.00	2	14.00	2	15.00	1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
42	30	23	18	18	28	53	78	187	253	170	66
1080	104	42	59	78	223	703	977	7520	74100	20200	4750
33	10	6.5	7.7	8.8	15	27	31	87	272	142	69
1.9	-0.25	-0.15	-0.13	-0.27	-0.59	1.6	0.09	-0.61	1.9	1.0	1.4
0.78	0.35	0.29	0.42	0.49	0.54	0.50	0.40	0.46	1.1	0.83	1.0
4.4	3.1	2.3	1.9	1.9	2.9	5.5	8.1	19	26	18	6.8

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.5	1.4	1.3	1.2	1.2	1.4	1.7	1.9	2.2	2.2	2.1	1.6
0.09	0.03	0.02	0.04	0.07	0.12	0.04	0.04	0.06	0.16	0.16	0.20
0.29	0.17	0.13	0.20	0.27	0.35	0.20	0.19	0.24	0.39	0.41	0.45
0.89	-0.78	-0.59	-0.51	-1.2	-1.6	0.98	-0.49	-0.61	1.2	-0.09	0.79
0.19	0.11	0.10	0.17	0.22	0.25	0.12	0.10	0.11	0.18	0.19	0.27
7.8	7.3	6.7	6.2	6.0	6.9	8.5	9.4	11	11	11	8.2

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
81	1450	38	1.7	0.47	-0.032

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.9	0.03	0.18	0.92	0.10	-0.097

06696000 SOUTH PLATTE RIVER NEAR LAKE GEORGE, COLO.

LOCATION.--Lat 38°54'19", long 105°28'22", in SW¼ sec.20, T.13 S., R.72 W., Park County, on left bank 700 ft (210 m) downstream from Elevenmile Canyon Reservoir and 8.2 mi (13.2 km) southwest of town of Lake George.

DRAINAGE AREA.--963 mi² (2,494 km²).

REMARKS.--Natural flow of stream affected by transmountain diversions through East and West Hoosier ditches at Hoosier Pass prior to 1941, storage in Elevenmile Canyon Reservoir and Antero Reservoir (capacity, 22,300 acre-ft or 27.5 hm³), diversions for irrigation, and return flow from irrigated areas. Storage in Elevenmile Canyon Reservoir began in October 1932.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER NEAR LAKE GEORGE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1933								28	31			53	29	18	7	16	8	7	59	25	13	22	15	4	13	11	6								
1934									28	3		9	62	4	5	26	63	34	34	38	16	10	12	11	8	2									
1935										88		4	4	5	1	13	22	72	21	9	12	12	22	26	10	17	20	4	3						
1936		2	1												93	33	7	11	26	25	33	24	27	21	16	17	15	12	3						
1937													5	114	1	11	17	34	24	38	19	38	16	13	8										
1938												2		4		47	72	65	108	32	7	9	12	3	1	2	1								
1939												7		14	3	13	28	27	19	16	29	10	16	13	20	16	7								
1940										1	69	33	23	17	17	87	26	32	33	16	6	4		1	1										
1941					2	4			19	2	35	31	19	59	11	5	2	9	14	14	17	18	20	33	26	17	8								
1942														20	49	41	35	13	15	14	23	30	44	35	28	8	4	6							
1943																97	77	25	25	29	35	28	25	24											
1944									11	8	22	52	41	36	6	23	5	5	7	11	25	26	23	42	17	6									
1945								3	9	5	25	21	38	9	19	21	25	33	44	26	17	23	9	2	7	14	5	10							
1946													12	5	3	1	86	19	29	47	63	47	15	15	13	6	3	1							
1947										9	7	10	7	10	21	33	33	30	35	20	29	14	11	16	35	37	8								
1948															5	43	48	58	14	29	19	25	33	24	20	13	24	11							
1949															8	63	44	40	24	34	35	34	7	19	1	3	8	26	19						
1950														6	44	54	53	18	47	54	48	18	6	12	5										
1951													19	3	75	52	32	18	30	16	30	17	11	19	9	21	10	3							
1952													9	11	6	121	11	56	4	9	7	16	41	32	34	18									
1953												6	18	9	19	7	67	96	41	18	6	14	12	12	13	7	13	7							
1954												27	6	20	1	10	60	15	22	17	60	3	7	9	19	5	84								
1955															82	6	28	36	40	56	24	25	19	36	7	6									
1956														7	77	24	26	16	55	41	41	30	15	16	10	8									
1957													21	1	28	53	33	56	45	26	9	26	25	9	8	18	4	2	1						
1958												4	2	2	2	14	30	83	27	55	42	19	26	14	19	11	10	5							
1959											13	59	23	14	20	42	57	13	16	24	16	20	11	11	10	10	6								
1960										4		2	20	26	8	22	55	86	18	13	12	24	29	18	9	7	9	4							
1961								1	4	25	15	41	39	28	23	20	47	3	9	8	13	25	29	13	9	7	6								
1962													12	15	3	1	19	55	57	34	58	30	20	32	20	9									
1963												14	15	27	32	10	36	30	35	28	10	11	9	7	3	63	35								
1964													50	2	61	23	6	56	27	13	7	14	7	7	9	35	48	1							
1965														1	8	23	4	129	49	13	48	15	12	20	11	7	18	7							
1966														176	96	11	9	9	13	15	14	6	10	5	1										
1967													13	100	130	4	22	13	12	17	19	20	8	4	3										
1968													18		79	76	28	21	25	27	20	24	23	6	3	12	4								
1969															28	27	64	34	26	43	22	33	27	18	19	23	1								
1970																	3	11	85	49	21	22	23	33	41	26	31	3	3	9	2	1	2		
1971															3	42	29	12	65	65	40	21	34	11	11	16	14	2							
1972														20	115	18	15	11	26	114	21	14	10	2											
1973														92	3	10	54	6	5	44	45	22	18	24	12	16	12	2							
1974													9	3		25	46	53	53	109	15	7	6	21	18										
1975														69	42	15	13	3	7	16	65	28	21	44	13	7	7	15							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	2	15704	100.0	9	2.20	131	15465	98.5	18	35.0	1253	7137	45.4	27	560	70	106	.6
1	0.10	1	15702	100.0	10	3.00	324	15334	97.6	19	48.0	1150	5884	37.5	28	770	22	36	.2
2	0.20	0	15701	100.0	11	4.00	454	15010	95.6	20	65.0	1079	4734	30.1	29	1000	9	14	
3	0.30	0	15701	100.0	12	5.50	586	14556	92.7	21	89.0	825	3655	23.3	30	1400	2	5	
4	0.50	0	15701	100.0	13	7.50	1073	13970	89.0	22	120.0	756	2830	18.0	31	1900	1	3	
5	0.60	2	15701	100.0	14	10.00	1294	12897	82.1	23	160.0	684	2074	13.2	32	2600	2	2	
6	0.90	32	15699	100.0	15	14.00	1515	11603	73.9	24	220.0	552	1390	8.9	33				
7	1.20	63	15667	99.8	16	19.00	1725	10088	64.2	25	300.0	539	838	5.3	34				
8	1.60	139	15604	99.4	17	26.00	1226	8363	53.3	26	410.0	193	299	1.9					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER NEAR LAKE GEORGE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1933	350.0	30	311.0	32	256.0	31	230.0	29	191.0	29	143.0	30	119.0	30	106.0	28	76.0	32
1934	240.0	37	194.0	40	182.0	38	154.0	36	111.0	38	78.0	38	71.0	37	69.0	36	51.0	37
1935	598.0	9	548.0	10	402.0	18	351.0	19	289.0	15	226.0	20	198.0	18	161.0	18	137.0	16
1936	633.0	8	541.0	11	441.0	11	370.0	14	295.0	13	259.0	14	240.0	9	212.0	9	156.0	11
1937	198.0	40	183.0	41	167.0	40	136.0	39	94.0	40	73.0	39	55.0	40	53.0	40	45.0	39
1938	390.0	25	290.0	33	194.0	35	104.0	41	74.0	41	55.0	41	44.0	41	38.0	41	41.0	40
1940	173.0	42	133.0	42	89.0	42	53.0	42	42.0	42	30.0	42	26.0	42	24.0	42	23.0	42

06696000 SOUTH PLATTE RIVER NEAR LAKE GEORGE, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER NEAR LAKE GEORGE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1941	485.0	15	472.0	14	424.0	14	382.0	10	320.0	11	260.0	13	230.0	10	195.0	13	163.0	8
1942	648.0	7	616.0	5	550.0	5	429.0	8	282.0	16	227.0	18	217.0	13	219.0	7	171.0	6
1943	198.0	41	197.0	38	191.0	36	179.0	33	162.0	32	148.0	28	125.0	27	107.0	27	90.0	27
1944	315.0	33	314.0	31	308.0	28	274.0	26	237.0	22	206.0	22	176.0	22	154.0	21	111.0	22
1945	723.0	3	709.0	3	696.0	3	609.0	3	478.0	4	295.0	6	217.0	14	171.0	16	124.0	18
1946	411.0	23	337.0	27	246.0	32	207.0	32	161.0	33	145.0	29	120.0	28	105.0	29	88.0	28
1947	553.0	12	530.0	12	478.0	10	401.0	9	389.0	6	344.0	4	302.0	4	251.0	5	193.0	5
1948	707.0	4	694.0	4	650.0	4	581.0	4	492.0	3	404.0	3	358.0	3	307.0	3	224.0	3
1949	947.0	2	940.0	2	915.0	2	847.0	2	765.0	2	626.0	2	470.0	2	380.0	2	277.0	2
1950	290.0	34	275.0	34	241.0	33	178.0	34	127.0	35	115.0	34	91.0	33	80.0	34	65.0	34
1951	652.0	5	599.0	6	539.0	6	375.0	11	298.0	12	266.0	11	206.0	16	168.0	17	123.0	19
1952	377.0	26	350.0	25	321.0	25	300.0	23	281.0	17	249.0	15	221.0	11	203.0	10	162.0	9
1953	451.0	17	443.0	19	432.0	13	360.0	15	251.0	21	239.0	16	184.0	19	144.0	23	103.0	23
1954	367.0	28	366.0	24	362.0	23	359.0	17	351.0	10	317.0	5	286.0	5	290.0	4	203.0	4
1955	398.0	24	391.0	23	352.0	24	251.0	28	184.0	30	138.0	32	116.0	31	98.0	31	86.0	29
1956	372.0	27	343.0	26	274.0	30	223.0	31	206.0	28	174.0	26	146.0	26	128.0	25	102.0	24
1957	652.0	6	549.0	9	404.0	17	302.0	22	228.0	23	142.0	31	106.0	32	81.0	33	84.0	30
1958	437.0	20	428.0	20	418.0	15	352.0	18	264.0	19	227.0	19	184.0	20	154.0	22	114.0	21
1959	330.0	32	325.0	28	306.0	29	226.0	30	184.0	31	164.0	27	120.0	29	93.0	32	75.0	33
1960	491.0	14	460.0	15	400.0	20	371.0	12	221.0	26	121.0	33	90.0	34	99.0	30	81.0	31
1961	465.0	16	454.0	16	401.0	19	285.0	25	228.0	24	213.0	21	176.0	21	134.0	24	100.0	25
1962	344.0	31	317.0	30	311.0	27	272.0	27	221.0	25	177.0	25	159.0	24	159.0	20	122.0	20
1963	351.0	29	323.0	29	318.0	26	307.0	21	293.0	14	286.0	8	282.0	6	238.0	6	170.0	7
1964	423.0	21	400.0	22	391.0	21	360.0	16	352.0	9	262.0	12	250.0	7	214.0	8	154.0	12
1965	449.0	18	445.0	18	433.0	12	371.0	13	212.0	27	190.0	24	175.0	23	160.0	19	125.0	17
1966	236.0	38	200.0	37	153.0	41	140.0	37	99.0	39	65.0	40	62.0	39	54.0	39	39.0	41
1967	258.0	35	252.0	35	190.0	37	137.0	38	118.0	36	99.0	35	84.0	35	69.0	37	49.0	38
1968	449.0	19	449.0	17	415.0	16	343.0	20	278.0	18	193.0	23	152.0	25	123.0	26	100.0	26
1969	417.0	22	403.0	21	370.0	22	297.0	24	255.0	20	238.0	17	205.0	17	188.0	14	147.0	14
1970	2820.0	1	2560.0	1	1920.0	1	1490.0	1	1020.0	1	681.0	1	579.0	1	497.0	1	374.0	1
1971	597.0	10	575.0	7	530.0	8	468.0	7	395.0	5	292.0	7	243.0	8	196.0	12	148.0	13
1972	246.0	36	231.0	36	201.0	34	131.0	40	115.0	37	95.0	36	81.0	36	75.0	35	64.0	35
1973	585.0	11	572.0	8	536.0	7	477.0	5	379.0	8	274.0	9	213.0	15	200.0	11	158.0	10
1974	200.0	39	194.0	39	169.0	39	166.0	35	128.0	34	81.0	37	65.0	38	63.0	38	63.0	36
1975	512.0	13	503.0	13	491.0	9	470.0	6	386.0	7	272.0	10	217.0	12	179.0	15	139.0	15

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER NEAR LAKE GEORGE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1934	1.40	5	1.40	4	1.40	2	1.40	1	1.60	1	2.80	2	4.20	3	7.50	9	11.00	6
1935	2.00	7	2.00	7	2.00	5	2.00	4	2.00	3	2.00	1	2.20	1	6.10	3	11.00	7
1936	0.00	1	0.03	1	2.60	7	5.50	16	8.10	17	8.30	14	8.60	10	8.90	10	21.00	20
1937	8.00	27	8.00	24	8.00	22	8.00	20	8.10	18	8.50	15	8.60	11	8.90	11	29.00	29
1938	4.40	18	4.50	18	6.30	17	8.00	21	13.00	30	15.00	28	15.00	21	15.00	17	19.00	12
1939	3.40	13	4.40	17	6.30	18	7.00	17	7.00	16	7.00	12	7.00	9	7.00	7	20.00	15
1941	0.80	2	0.90	2	1.10	1	1.50	2	2.00	4	4.10	5	4.00	2	4.50	1	6.10	1
1942	8.00	28	8.00	25	8.00	23	8.00	22	8.90	21	10.00	21	11.00	15	13.00	15	31.00	30
1943	16.00	41	16.00	41	16.00	39	16.00	39	17.00	40	17.00	36	18.00	30	18.00	24	20.00	16
1944	3.00	10	3.00	10	3.10	11	3.10	9	3.60	8	4.90	8	5.80	7	5.80	2	23.00	22
1945	1.20	3	1.30	3	1.50	3	1.60	3	1.80	2	4.60	7	5.10	5	6.70	6	23.00	23
1946	12.00	36	13.00	37	16.00	40	16.00	40	16.00	37	16.00	31	17.00	25	19.00	25	28.00	27
1947	2.20	8	2.30	8	2.50	6	2.80	6	3.80	9	6.10	11	14.00	18	17.00	21	16.00	8
1948	12.00	37	14.00	38	14.00	37	14.00	36	15.00	34	18.00	37	21.00	36	23.00	34	36.00	34
1949	12.00	38	12.00	36	13.00	36	14.00	37	15.00	35	16.00	32	17.00	26	19.00	26	22.00	21
1950	9.80	31	11.00	31	11.00	31	11.00	30	13.00	31	15.00	29	19.00	31	24.00	35	38.00	35
1951	6.40	20	6.40	20	6.90	19	9.30	28	11.00	24	12.00	23	14.00	19	17.00	22	39.00	36
1952	6.80	21	7.10	22	7.10	21	7.90	19	16.00	38	17.00	33	19.00	32	20.00	29	21.00	17
1953	7.60	25	7.70	23	8.10	24	8.20	23	11.00	25	17.00	34	18.00	27	18.00	23	19.00	13
1954	3.00	11	3.00	11	3.00	10	3.00	8	3.50	7	4.40	6	13.00	16	15.00	18	17.00	11
1955	10.00	32	11.00	32	11.00	32	12.00	31	12.00	26	12.00	24	15.00	22	24.00	36	54.00	40
1956	10.00	33	11.00	33	12.00	33	12.00	32	12.00	27	12.00	25	23.00	37	22.00	31	29.00	28
1957	8.00	26	8.20	26	8.40	25	8.60	25	12.00	28	14.00	26	18.00	28	22.00	32	21.00	18
1958	4.00	17	4.10	15	4.30	15	4.50	13	5.70	13	8.80	16	19.00	33	23.00	33	33.00	31
1959	2.60	9	2.60	9	2.80	9	2.90	7	3.00	6	3.50	3	4.80	4	6.60	4	9.10	2
1960	3.20	12	3.30	12	3.40	12	3.50	10	5.00	12	17.00	35	18.00	29	19.00	27	33.00	32
1961	1.60	6	1.60	5	2.70	8	3.90	12	4.60	10	5.00	9	5.20	6	6.60	5	9.60	3
1962	1.40	4	1.90	6	2.00	4	2.10	5	2.50	5	4.10	4	23.00	38	40.00	40	51.00	38
1963	3.60	14	3.60	13	3.70	13	3.70	11	6.30	15	11.00	22	14.00	20	16.00	19	16.00	9
1964	4.00	15	4.30	16	4.40	16	4.60	14	4.70	11	5.70	10	7.00	8	7.50	8	36.00	33
1965	5.20	19	5.20	19	8.60	27	13.00	33	16.00	39	20.00	39	20.00	34	20.00	30	21.00	19
1966	6.80	22	9.00	29	9.00	29	9.00	27	9.10	23	9.40	19	9.60	14	9.60	13	9.60	4
1967	8.50	30	8.50	28	8.60	28	8.80	26	8.90	22	9.00	18	9.30	13	9.40	12	9.60	5
1968	6.80	23	6.80	21	6.90	20	7.10	18	8.60	19	9.90	20	13.00	17	13.00	16	16.00	10
1969	6.80	24	10.00	30	11.00	30	11.00	29	13.00	29	16.00	30	17.00	23	19.00	28	26.00	25
1970	15.00	39	15.00	39	16.00	41	29.00	41	34.00	41	38.00	41	37.00	41	40.00	41	61.00	41
1971	15.00	40	15.00	40	15.00	38	15.00	38	15.00	36	25.00	40	29.00	40	33.00	38	52.00	39
1972	12.00	34	12.00	34	13.00	34	13.00	34	14.00	32	14.00	27	23.00	39	35.00	39	47.00	37
1973	8.40	29	8.40	27	8.40	26	8.50	24	8.70	20	8.90	17	9.10	12	11.00	14	24.00	24
1974	12.00	35	12.00	35	13.00	35	13.00	35	14.00	33	18.00	38	21.00	35	25.00	37	28.00	26
1975	4.00	16	4.10	14	4.10	14	5.10	15	5.80	14	7.30	13	17.00	24	16.00	20	20.00	14

06696000 SOUTH PLATTE RIVER NEAR LAKE GEORGE, COLO.--Continued

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
41	36	19	16	19	30	95	100	143	178	138	55
1450	1230	179	165	197	405	7570	16600	14400	14300	7960	2690
38	35	13	13	14	20	87	129	120	120	89	52
1.4	2.5	1.7	2.3	1.5	0.77	2.0	3.7	1.7	1.3	0.74	2.5
0.94	0.98	0.72	0.79	0.74	0.67	0.92	1.3	0.84	0.67	0.65	0.94
4.7	4.1	2.1	1.9	2.2	3.5	11	12	16	20	16	6.3

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.4	1.4	1.2	1.1	1.1	1.4	1.8	1.8	2.0	2.1	2.0	1.6
0.23	0.16	0.10	0.11	0.15	0.13	0.16	0.20	0.19	0.12	0.11	0.18
0.48	0.40	0.31	0.33	0.39	0.36	0.40	0.45	0.43	0.34	0.33	0.42
-0.41	-0.29	-0.35	-0.49	-1.0	-0.55	-0.35	-0.09	-0.70	-0.73	-0.51	-0.46
0.34	0.29	0.27	0.30	0.34	0.26	0.22	0.25	0.22	0.16	0.16	0.27
7.4	7.3	6.2	5.8	6.1	7.2	9.6	9.4	11	11	11	8.3

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
73	1350	37	1.6	0.50	0.284

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.8	0.05	0.22	-0.50	0.12	0.306

06696200 SOUTH PLATTE RIVER AT LAKE GEORGE, COLO.

LOCATION.--Lat 38°59'11", long 105°21'47", in SE¼SE¼ sec.19, T.12 S., R.71 W., Park County, at county road bridge 0.2 mi (0.3 km) downstream from dam at Lake George and 0.6 mi (1.0 km) northwest of town of Lake George.

DRAINAGE AREA.--1,084 mi² (2,808 km²).

REMARKS.--Natural flow of stream affected by storage reservoirs, diversions for irrigation, and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT LAKE GEORGE, CO.

NUMBER OF DAYS IN CLASS

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR																																			
1912		42			32	1	2			4	1	25	2	3	3	9	24	38	49	19	18	12	7	6	12	5	12	11	11	5	11		1		1
1913																61	33	1	32	62	3	43	8	15	31	9	19	28	16	3	1				
1914														31				82	13	12	11	11	14	18	19	34	15	25	11	27	7	18	16	1	
1917	2									1				34		34	30	63	11	6	27	28	6	11	8	21	42	21	12	4	4				
1918															1	40	13	115	22	45	17	16	18	18	17	14	7	7	3	4	3	2		3	
1919																	59	32		17	40	41	18	21	27	24	27	28	14	10	5	1	1		
1920																	31	29	31	37	83	46	23	21	12	12	21	16	2			1	1		
1921											1		2	1	2	1	11	98	8	17	25	15	16	17	20	18	41	15	23	10	12	9	2	1	
1922										1	4	7	4		1	1	1	24	26	92	82	48	26	19	15	5	6	3							
1923												29	7	13	14	17	29	13	9	1	8	16	13	30	47	19	38	25	13	13	7	3	1		
1924														1	4	19	6	14	32	61	9	35	15	26	62	24	48	8	1		1				
1925														2	4	13	73	70	15	11	28	6	26	21	21	26	29	13	7						
1926																92	20	12	24	29	25	32	17	34	19	20	12	12	13	3	1				
1927															10	83	50	9	40	20	24	9	9	18	25	12	22	27	5	2					
1928											1	4	1	35	5	65	53	59	13	11	20	19	7	10	14	8	3	6	13	10	6	3			
1929												28	4	40	27	24	66	15	16	4	7	5	6	8	13	7	15	21	31	9	10	6	3		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	2	5844	100.0	9	3.50	6	5765	98.6	18	31.0	341	3776	64.6	27	270	266	683	11.6
1	0.50	42	5842	100.0	10	4.40	7	5759	98.5	19	39.0	444	3435	58.8	28	340	175	417	7.1
2	0.60	0	5800	99.2	11	5.60	93	5752	98.4	20	50.0	427	2991	51.2	29	440	100	242	4.1
3	0.80	0	5800	99.2	12	7.20	20	5659	96.8	21	63.0	382	2564	43.9	30	560	68	142	2.4
4	1.00	32	5800	99.2	13	9.10	160	5639	96.5	22	81.0	229	2182	37.3	31	710	43	74	1.2
5	1.30	1	5768	98.7	14	12.00	71	5479	93.8	23	100.0	293	1953	33.4	32	910	25	31	.5
6	1.70	2	5767	98.7	15	15.00	459	5408	92.5	24	130.0	362	1660	28.4	33	1200	5	6	.1
7	2.10	0	5765	98.6	16	19.00	499	4949	84.7	25	170.0	258	1298	22.2	34	1500	1	1	
8	2.70	0	5765	98.6	17	24.00	674	4450	76.1	26	210.0	357	1040	17.8					

06696000 SOUTH PLATTE RIVER AT LAKE GEORGE, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT LAKE GEORGE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1912	1540.0	1	980.0	4	736.0	4	612.0	4	513.0	4	399.0	5	300.0	5	235.0	6	166.0	7
1913	645.0	11	547.0	11	475.0	11	390.0	10	311.0	11	306.0	7	250.0	9	224.0	7	180.0	6
1914	1470.0	2	1160.0	1	959.0	1	899.0	1	787.0	1	646.0	1	612.0	1	526.0	1	403.0	1
1917	667.0	10	612.0	10	527.0	9	403.0	9	344.0	8	297.0	9	267.0	6	222.0	8	165.0	8
1918	1310.0	3	1030.0	2	669.0	7	579.0	6	433.0	7	300.0	8	239.0	10	202.0	10	144.0	14
1919	1080.0	5	846.0	6	579.0	8	451.0	8	335.0	9	284.0	10	261.0	8	256.0	5	232.0	5
1920	1080.0	6	750.0	8	502.0	10	377.0	11	317.0	10	225.0	14	193.0	15	174.0	15	139.0	15
1921	1230.0	4	1020.0	3	864.0	3	770.0	2	521.0	3	476.0	3	429.0	3	368.0	3	269.0	2
1922	318.0	16	294.0	16	240.0	16	185.0	16	129.0	16	115.0	16	90.0	16	79.0	16	71.0	16
1923	1030.0	8	846.0	7	713.0	5	555.0	7	434.0	6	415.0	4	350.0	4	311.0	4	247.0	4
1924	590.0	13	400.0	14	309.0	15	264.0	15	237.0	15	201.0	15	195.0	14	179.0	14	148.0	12
1925	435.0	15	385.0	15	320.0	14	302.0	14	267.0	13	242.0	12	216.0	13	194.0	12	147.0	13
1926	600.0	12	525.0	12	448.0	12	332.0	13	256.0	14	240.0	13	222.0	12	191.0	13	151.0	10
1927	549.0	14	461.0	13	362.0	13	339.0	12	273.0	12	253.0	11	233.0	11	201.0	11	152.0	9
1928	789.0	9	735.0	9	700.0	6	584.0	5	437.0	5	313.0	6	262.0	7	216.0	9	150.0	11
1929	1060.0	7	969.0	5	908.0	2	769.0	3	647.0	2	501.0	2	439.0	2	370.0	2	257.0	3

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT LAKE GEORGE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1912	0.51	2	0.50	1	0.50	1	0.50	1	0.50	1	0.65	1	1.50	1	4.40	1	13.00	1
1913	8.00	6	8.50	6	14.00	7	17.00	11	17.00	10	18.00	9	19.00	8	22.00	8	30.00	7
1914	10.00	7	10.00	7	10.00	4	10.00	4	10.00	4	17.00	8	20.00	9	23.00	10	39.00	9
1917	10.00	8	10.00	8	10.00	5	10.00	5	10.00	5	12.00	4	15.00	4	17.00	5	54.00	13
1918	0.00	1	1.30	2	15.00	11	15.00	7	15.00	7	20.00	10	21.00	10	22.00	9	27.00	6
1919	16.00	13	16.00	13	17.00	13	19.00	12	20.00	12	20.00	11	23.00	11	33.00	14	44.00	11
1920	20.00	15	20.00	15	20.00	15	20.00	13	20.00	13	25.00	13	28.00	13	32.00	12	41.00	10
1921	5.00	5	7.70	5	16.00	12	22.00	14	25.00	14	27.00	14	28.00	14	33.00	13	72.00	15
1922	19.00	14	19.00	14	19.00	14	23.00	15	39.00	16	43.00	16	47.00	16	50.00	16	71.00	14
1923	4.00	3	4.80	3	6.10	3	6.70	3	7.00	3	8.90	3	12.00	2	15.00	3	50.00	12
1924	35.00	16	35.00	16	35.00	16	35.00	16	35.00	15	37.00	15	41.00	15	47.00	15	75.00	16
1925	11.00	9	12.00	10	14.00	8	15.00	8	17.00	11	21.00	12	23.00	12	24.00	11	24.00	4
1926	11.00	10	12.00	11	14.00	9	15.00	9	15.00	8	16.00	6	17.00	6	19.00	6	32.00	8
1927	13.00	12	13.00	12	15.00	10	15.00	10	16.00	9	16.00	7	17.00	7	21.00	7	24.00	5
1928	11.00	11	11.00	9	11.00	6	11.00	6	11.00	6	14.00	5	15.00	5	17.00	4	21.00	3
1929	5.00	4	6.00	4	6.00	2	6.00	2	6.30	2	8.30	2	12.00	3	14.00	2	16.00	2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
81	52	26	20	22	40	97	101	236	302	257	129
4270	888	214	161	181	488	6100	4480	21200	21400	17300	6840
65	30	15	13	13	22	78	67	146	146	131	83
1.1	1.2	1.5	1.2	0.97	0.52	1.9	1.3	1.6	0.49	0.81	0.19
0.81	0.57	0.55	0.64	0.61	0.55	0.81	0.67	0.62	0.48	0.51	0.64
5.9	3.8	1.9	1.5	1.6	3.0	7.1	7.4	17	22	19	9.5

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.8	1.7	1.4	1.2	1.2	1.5	1.9	1.9	2.3	2.4	2.4	2.0
0.14	0.05	0.06	0.14	0.22	0.06	0.10	0.09	0.06	0.09	0.05	0.13
0.37	0.23	0.24	0.38	0.47	0.25	0.31	0.30	0.24	0.31	0.23	0.36
-0.08	0.54	-0.24	-2.0	-2.4	-0.06	0.25	-0.22	0.23	-2.2	-0.03	-0.60
0.21	0.14	0.17	0.32	0.39	0.16	0.17	0.16	0.10	0.13	0.10	0.18
8.2	7.7	6.3	5.5	5.6	7.1	8.7	8.8	11	11	11	9.3

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
114	1620	40	1.5	0.35	-0.298

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.0	0.02	0.14	0.76	0.07	-0.367

06698500 TARRYALL CREEK NEAR JEFFERSON, COLO.

LOCATION.--Lat 39°17'32", long 105°42'16", in SW¼SE¼ sec.6, T.9 S., R.74 W., Park County, 0.5 mi (0.8 km) upstream from Rock Creek and 7 mi (11 km) southeast of Jefferson.

DRAINAGE AREA.--184 mi² (477 km²).

REMARKS.--Boreas Pass ditch imports water from headwaters of the Blue River to Tarryall Creek above station. Natural flow also affected by diversions above station for irrigation of about 11,500 acres (46.5 km²).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TARRYALL CREEK NEAR JEFFERSON, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR															NUMBER OF DAYS IN CLASS																				
1913									1			5	1	59	2	21	47	22	25	59	30	6	21	8	17	12	6	9	4	3	2	2	1	2	
1914															28	58	8	8	61	17	23	13	9	11	27	19	7	13	15	17	12	10	3	6	
1915												59		62	3	6	20	36	23	58	22	27	11	7	5	7	10	4	2	2		1			
1916		2			2				1	1	2	1	1	82	3	24	10	65	48	28	30	11	24	12	7	3	2		4			1	1		
1917												7	1	69	48	36	27	8	14	17	11	30	4	5	8	22	15	11	7	14	7		2	1	1

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1825	100.0	9	4.60	1	1819	99.7	18	25.0	171	989	54.2	27	140	37	157	8.6
1	1.00	2	1825	100.0	10	5.50	2	1818	99.6	19	30.0	179	818	44.8	28	170	32	120	6.5
2	1.20	0	1823	99.9	11	6.70	72	1816	99.5	20	37.0	116	639	35.0	29	200	36	88	4.8
3	1.50	0	1823	99.9	12	8.10	3	1744	95.6	21	45.0	87	523	28.7	30	250	21	52	2.8
4	1.80	2	1823	99.9	13	9.80	272	1741	95.4	22	54.0	69	436	23.9	31	300	14	31	1.6
5	2.10	0	1821	99.8	14	12.00	84	1469	80.5	23	65.0	43	367	20.1	32	360	7	17	.9
6	2.60	0	1821	99.8	15	14.00	145	1385	75.9	24	79.0	64	324	17.8	33	430	9	10	.5
7	3.10	0	1821	99.8	16	17.00	112	1240	67.9	25	95.0	63	260	14.2	34	530	1	1	
8	3.80	2	1821	99.8	17	21.00	139	1128	61.8	26	120.0	40	197	10.8					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TARRYALL CREEK NEAR JEFFERSON, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1913	475.0	3	420.0	3	323.0	3	214.0	3	152.0	3	115.0	3	95.0	3	90.0	3	76.0	3
1914	525.0	2	462.0	2	367.0	2	319.0	1	273.0	1	212.0	1	216.0	1	185.0	1	147.0	1
1915	320.0	4	259.0	4	197.0	4	132.0	4	122.0	4	82.0	4	70.0	4	62.0	4	53.0	4
1917	1320.0	1	733.0	1	412.0	1	277.0	2	247.0	2	196.0	2	159.0	2	133.0	2	101.0	2

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TARRYALL CREEK NEAR JEFFERSON, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1914	4.00	2	6.30	2	13.00	3	13.00	3	13.00	3	14.00	3	14.00	3	17.00	3	22.00	3
1915	7.00	3	7.00	3	7.00	2	7.00	1	7.10	1	7.60	1	8.40	1	8.80	1	15.00	1
1917	1.00	1	1.30	1	4.10	1	10.00	2	10.00	2	10.00	2	11.00	2	12.00	2	16.00	2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
32	24	14	11	10	18	68	65	134	121	84	34
11	8.1	7.9	7.0	4.5	50	1210	3470	3660	7190	1710	118
3.4	2.9	2.8	2.6	2.1	7.1	35	59	60	85	41	11
0.80	1.6	-1.0	0.81	0.00	-0.34	0.10	2.0	-0.34	0.52	0.06	0.36
0.11	0.12	0.19	0.24	0.21	0.41	0.52	0.90	0.45	0.70	0.49	0.32
5.1	3.9	2.4	1.8	1.6	2.9	11	11	22	20	14	5.6

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.5	1.4	1.2	1.0	0.99	1.2	1.8	1.7	2.1	2.0	1.9	1.5
0.00	0.00	0.01	0.01	0.01	0.04	0.07	0.10	0.06	0.10	0.06	0.02
0.05	0.05	0.09	0.10	0.10	0.20	0.27	0.32	0.25	0.32	0.24	0.14
0.68	1.5	-1.4	0.36	-0.63	-0.47	-0.87	1.3	-1.5	0.24	-0.33	-0.31
0.03	0.04	0.08	0.10	0.10	0.16	0.15	0.19	0.12	0.16	0.13	0.09
8.2	7.6	6.3	5.7	5.4	6.7	9.7	9.4	11	11	10	8.3

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
51	464	22	1.0	0.42	-0.283

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.7	0.03	0.17	0.53	0.10	-0.234

06699500 TARRYALL CREEK NEAR LAKE GEORGE, COLO.

LOCATION.--Lat 39°04'51", long 105°24'58", in NW¼NW¼ sec.23, T.11 S., R.72 W., Park County, on left bank 5.5 mi (8.9 km) upstream from mouth and 8 mi (13 km) northwest of town of Lake George.

DRAINAGE AREA.--434 mi² (1,124 km²).

REMARKS.--Transmountain diversion from Colorado River Basin through Boreas Pass ditch enters above station. Diversions above station for irrigation of about 13,000 acres (52.6 km²).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TARRYALL CREEK NEAR LAKE GEORGE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1944				29			31	31		36	2	29	14	8	16	9	29	12	7	6	15	9	13	6	12	19	14	14	1	2	1	1			
1950									2	4	6	6	40	38	68	12	19	6	39	41	17	9	15	13	8	3	5	11	2	1					
1951										11	22	96	46	13	36	4	7	10	11	7	6	7	9	11	15	14	5	6	8	10	5	4	2		
1952															17	7	84	54	37	17	26	5	4	12	39	15	7	12	13	3	3	5	6		
1953											2	2	4	6	46	106	55	40	6	9	8	4	3	8	3	22	7	6	6	5	5	4	4	2	2
1954		7	6	5	6	1	2	6	4	3	10	13	40	74	48	20	16	26	22	11	11	3	4	10	8	3	2	1	2	1					
1955												9	30	78	48	8	39	19	20	7	10	17	17	11	11	11	11	8	4	4	2	1			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2557	100.0	9	4.80	54	2427	94.9	18	21.0	142	924	36.1	27	91	58	167	6.5
1	1.20	7	2557	100.0	10	5.60	42	2373	92.8	19	25.0	98	782	30.6	28	110	36	109	4.2
2	1.50	6	2550	99.7	11	6.70	155	2331	91.2	20	29.0	93	684	26.8	29	130	26	73	2.8
3	1.80	34	2544	99.5	12	7.80	174	2176	85.1	21	34.0	54	591	23.1	30	150	16	47	1.8
4	2.10	6	2510	98.2	13	9.20	217	2002	78.3	22	40.0	65	537	21.0	31	170	15	31	1.2
5	2.50	1	2504	97.9	14	11.00	279	1785	69.8	23	47.0	71	472	18.5	32	200	12	16	.6
6	2.90	33	2503	97.9	15	13.00	166	1506	58.9	24	56.0	96	401	15.7	33	240	2	4	.1
7	3.50	37	2470	96.6	16	15.00	249	1340	52.4	25	65.0	87	305	11.9	34	280	2	2	
8	4.10	6	2433	95.2	17	18.00	167	1091	42.7	26	77.0	51	218	8.5					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TARRYALL CREEK NEAR LAKE GEORGE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1944	174.0	5	161.0	5	120.0	5	102.0	5	84.0	5	77.0	4	70.0	4	60.0	4	44.0	5
1950	131.0	7	119.0	7	105.0	7	94.0	6	75.0	6	57.0	6	47.0	6	41.0	6	32.0	6
1951	224.0	3	199.0	3	172.0	3	141.0	3	118.0	3	99.0	3	91.0	2	75.0	3	54.0	3
1952	226.0	2	225.0	2	213.0	2	184.0	1	144.0	1	105.0	2	89.0	3	83.0	1	67.0	1
1953	405.0	1	303.0	1	225.0	1	163.0	2	130.0	2	118.0	1	99.0	1	79.0	2	58.0	2
1954	139.0	6	128.0	6	107.0	6	82.0	7	67.0	7	48.0	7	39.0	7	32.0	7	24.0	7
1955	193.0	4	165.0	4	131.0	4	117.0	4	97.0	4	76.0	5	59.0	5	56.0	5	45.0	4

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TARRYALL CREEK NEAR LAKE GEORGE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1951	4.20	2	4.60	2	5.30	2	5.70	2	5.80	2	6.80	2	7.00	1	7.50	1	7.60	1
1952	6.00	3	6.20	3	6.80	4	8.30	4	10.00	4	15.00	5	16.00	5	16.00	5	18.00	5
1953	11.00	5	11.00	5	11.00	5	11.00	5	11.00	5	12.00	4	12.00	4	13.00	4	13.00	4
1954	6.20	4	6.30	4	6.40	3	6.60	3	7.90	3	9.50	3	9.70	3	10.00	3	11.00	3
1955	1.30	1	1.30	1	1.40	1	1.50	1	2.10	1	5.80	1	7.00	2	7.80	2	8.60	2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
16	14	11	9.8	9.5	12	23	43	80	53	57	19
117	30	8.4	22	19	23	150	477	1160	645	1490	300
11	5.5	2.9	4.6	4.3	4.8	12	22	34	25	39	17
1.6	0.60	-1.4	0.71	-0.52	-0.44	0.70	0.48	0.24	-0.01	-0.24	1.6
0.66	0.40	0.27	0.48	0.45	0.42	0.53	0.51	0.43	0.48	0.68	0.90
4.7	4.0	3.1	2.8	2.7	3.3	6.7	12	23	15	16	5.6

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.1	1.1	1.0	0.94	0.92	1.0	1.3	1.6	1.9	1.7	1.6	1.1
0.07	0.03	0.02	0.06	0.09	0.05	0.06	0.05	0.04	0.06	0.16	0.15
0.26	0.17	0.15	0.24	0.29	0.23	0.25	0.23	0.20	0.24	0.41	0.38
0.63	0.24	-1.9	-1.1	-1.9	-1.1	-0.30	0.18	-0.31	-0.63	-0.53	0.11
0.22	0.15	0.15	0.26	0.32	0.22	0.19	0.14	0.11	0.14	0.25	0.34
7.5	7.2	6.6	6.1	6.0	6.6	8.5	10	12	11	11	7.5

06699500 TARRYALL CREEK NEAR LAKE GEORGE, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
29	68	8.3	0.33	0.28	0.141

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.4	0.02	0.13	-0.39	0.09	0.047

06700000 SOUTH PLATTE RIVER ABOVE CHEESMAN LAKE, COLO.

LOCATION.--Lat 39°09'46", long 105°18'35", in sec.23, T.10 S., R.71 W., (projected), Jefferson County, 0.5 mi (0.8 km) upstream from high-water line of Cheesman Lake.

DRAINAGE AREA.--1,628 mi² (4,217 km²).

REMARKS.--Diversions above station for irrigation of about 39,000 acres (158 km²). Flow partly regulated by Elevenmile Canyon Reservoir (capacity, 97,780 acre-ft or 121 hm³) since 1932 and Antero Reservoir (capacity, 22,300 acre-ft or 27.5 hm³) since 1907.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER ABOVE CHEESMAN LAKE, CO.

NUMBER OF DAYS IN CLASS

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR																																			
1925		2	12	11	14	17	17	1	3	3	13	7	10	19	15	10	17	18	8	31	11	13	9	27	28	28	14	6	1						
1926							4		28	14	20	7	3	2	8	23	25	15	23	12	19	23	13	20	31	20	15	14	9	11	6				
1927									12	5	20	30	8	12	25	38	16	15	8	29	14	20	18	18	14	24	24	6	7		1				1
1928							1	10	33	15	14	11	8	8	22	26	28	21	17	30	20	14	12	12	13	7	8	9	12	10	4	1			
1929												7	52	29	20	12	28	35	28	14	7	13	9	11	7	6	23	14	17	12	10	5	2	4	
1930				1		1		2	13	9	7	6	17	5	7	11	38	30	32	37	23	12	10	10	16	5	15	20	12	8	5	6	4	3	

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2191	100.0	9	14.00	46	2009	91.7	18	73.0	116	1145	52.3	27	400	69	220	10.0
1	3.00	2	2191	100.0	10	16.00	74	1963	89.6	19	89.0	153	1029	47.0	28	480	58	151	6.8
2	3.60	12	2189	99.9	11	20.00	68	1889	86.2	20	110.0	94	876	40.0	29	580	41	93	4.2
3	4.40	12	2177	99.4	12	24.00	98	1821	83.1	21	130.0	95	782	35.7	30	700	26	52	2.3
4	5.30	14	2165	98.8	13	29.00	75	1723	78.6	22	160.0	71	687	31.4	31	850	12	26	1.1
5	6.40	18	2151	98.2	14	35.00	97	1648	75.2	23	190.0	98	616	28.1	32	1000	6	14	.6
6	7.70	22	2133	97.4	15	42.00	120	1551	70.8	24	230.0	109	518	23.6	33	1200	7	8	.3
7	9.30	13	2111	96.3	16	50.00	152	1431	65.3	25	270.0	90	409	18.7	34	1500	1	1	
8	11.00	89	2098	95.8	17	61.00	134	1279	58.4	26	330.0	99	319	14.6					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER ABOVE CHEESMAN LAKE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1925	503.0	6	453.0	6	368.0	6	330.0	6	300.0	6	290.0	6	266.0	6	256.0	6	200.0	6
1926	795.0	5	753.0	5	678.0	5	613.0	4	525.0	3	441.0	3	391.0	3	360.0	3	283.0	3
1927	3650.0	1	1460.0	1	831.0	3	566.0	5	409.0	5	393.0	4	341.0	5	304.0	5	247.0	4
1928	862.0	4	805.0	4	699.0	4	673.0	3	490.0	4	362.0	5	354.0	4	306.0	4	230.0	5
1929	1340.0	3	1270.0	3	1200.0	1	1010.0	1	803.0	2	684.0	1	577.0	1	489.0	1	354.0	1
1930	1490.0	2	1380.0	2	1130.0	2	933.0	2	814.0	1	635.0	2	491.0	2	420.0	2	321.0	2

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER ABOVE CHEESMAN LAKE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1926	9.00	2	9.00	1	10.00	1	11.00	1	12.00	2	14.00	2	19.00	2	28.00	2	55.00	4
1927	11.00	4	11.00	4	12.00	4	12.00	3	15.00	3	17.00	3	22.00	3	29.00	3	35.00	1
1928	9.00	3	9.70	2	10.00	2	11.00	2	11.00	1	13.00	1	15.00	1	21.00	1	37.00	2
1929	20.00	5	23.00	5	24.00	5	26.00	5	26.00	5	27.00	5	28.00	4	33.00	4	43.00	3
1930	5.00	1	11.00	3	12.00	3	13.00	4	15.00	4	18.00	4	30.00	5	38.00	5	59.00	5

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
79	56	30	15	19	61	134	161	288	341	434	266
1130	214	122	53	109	56	5530	7860	6460	9560	64200	27300
34	15	11	7.3	10	7.5	74	89	80	98	253	165
0.90	0.13	-0.19	0.21	0.64	0.74	0.70	1.3	1.8	1.1	0.87	-0.18
0.43	0.26	0.36	0.47	0.54	0.12	0.56	0.55	0.28	0.29	0.58	0.62
4.2	3.0	1.6	0.82	1.0	3.2	7.1	8.6	15	18	23	14

06700000 SOUTH PLATTE RIVER ABOVE CHEESMAN LAKE, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.9	1.7	1.5	1.1	1.2	1.8	2.1	2.2	2.4	2.5	2.6	2.3
0.03	0.01	0.03	0.06	0.07	0.00	0.06	0.05	0.01	0.01	0.06	0.12
0.18	0.12	0.18	0.24	0.26	0.05	0.25	0.22	0.11	0.12	0.24	0.34
0.37	0.06	-0.96	-1.1	-0.47	0.44	-0.02	0.75	1.5	0.60	0.68	-0.54
0.10	0.07	0.12	0.21	0.21	0.03	0.12	0.10	0.04	0.05	0.09	0.15
8.0	7.4	6.2	4.9	5.3	7.7	8.9	9.3	11	11	11	10.0

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
158	1100	33	0.08	0.21	0.093

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.2	0.01	0.09	-0.13	0.04	0.043

06700500 GOOSE CREEK ABOVE CHEESMAN LAKE, COLO.
(Known also as Lost Park Creek)

LOCATION.--Lat 39°12'32", long 105°18'11", in sec.2, T.10 S., R.71 W., (projected), Jefferson County, on right bank 1.0 mi (1.6 km) upstream from water line of Cheesman Lake at elevation 6,842 ft (2,085.4 m) and 1.7 mi (2.7 km) west of Cheesman Dam.

DRAINAGE AREA.--86.6 mi² (224 km²).

REMARKS.--Small diversions above station for irrigation of about 100 acres (404,700 m²).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
GOOSE CREEK ABOVE CHEESMAN LAKE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR																NUMBER OF DAYS IN CLASS																			
1925					29		21		14	9	4	14	48	29	70	38	17	13	9	11	15	14	4	4	2										
1926										4	14	13	51	21	48	29	18	22	19	17	13	3	12	13	9	14	10	9	5	4	3	9	5		
1927					2		13		27	25	10	8	49	26	53	41	18	20	19	18	9	11	12	4											
1928							14		14	35	14	24	27	5	54	21	15	21	18	18	20	13	9	9	9	7	6	7	5	1					
1929												68	81	11	39	23	10	13	16	10	20	22	18	8	11	7	2	4	2						
1930		1							26	11	27	27	15	13	14	17	12	15	22	33	36	23	18	18	7	9	6	6	4	3	2				
1936					2		61		6	16	11	11	18	7	9	25	7	40	20	22	21	29	26	19	11	2	2	1							
1940					1	31	49	2	34	12	9	35	22	12	33	32	21	17	18	13	7	6	5	5	1		1								
1941											28	31	31	41	16	11	20	32	23	13	13	17	13	14	9	7	19	11	8	5	2	1			
1944										2	5	50	71	48	37	31	25	6	1	15	11	11	7	6	5	7	11	15	2						
1945									31	28	62	24	37		26	7	9	11	24	10	22	12	8	6	15	12	3	5	6	2	1	4			
1946														90	43	54	37	41	36	36	18	5	5												
1947																41	139	10	10	2	11	9	12	14	17	20	15	19	24	15	7				
1951										33	80	63	3	5	30	10	27	17	24	18	16	22	13	3	1										
1952											29	62	61	3	20	31	20	15	19	14	7	11	8	9	8	11	13	10	5	10					
1953										59		62	47	27	8	7	9	22	26	14	13	20	14	10	15	9	2	1							
1954									3	11	3	22	111	51	61	45	30	15	3	6	3	1													
1955												61	42	3	52	12	22	20	25	31	23	17	5	4		3									
1956								1	21	16	8	85	50	46	69	10	12	13	9	7	5	7	5	2											
1957									4	17	69	92				30		7	8	4	9	3	7	5	12	33	19	16	5	6	3	3	4	7	2
1958												102	22	21	45	11	24	34	21	18	4	10	6	7	6	10	4	12	4	4					
1959											9	123	76	13	8	30	22	11	5	13	9	8	17	10	8	3									
1960												28	12	4	65	28	36	16	55	41	15	14	7	7	14	22	1	1							
1961										31	31	37	67	1	22	9	1	8	11	20	15	19	23	34	29	5	2								
1962												1	27	8	47	101	9	43	10	14	12	23	19	15	12	9	7	8							
1963			3	3	5	7	7	8	27	105	18	93	10	3	8	10	22	15	8	8	4	1													
1964								31	60			10	42	29	39	40	17	13	6	8	7	21	17	11	8	6	1								
1965										31	90	5	52	4	20						10	16	14	23	22	23	22	19	7	4	3				
1966										28	31	38	53	13	41	25	26	24	41	26	7	10	1	1											
1967								28	41	10	27	17	28	19	45	25	16	23	41	23	11	5	4	1	1										
1968												29	63	9	37	12	37	50	30	22	18	16	17	23	3										
1969						1	21	9	20	5	16	58	4	5	24	19	11	12	14	18	12	12	18	13	6	8	7	13	9	8	8	6	5	3	
1970												3	11	20	46	23	16	29	31	15	21	24	28	22	5	10	8	6	7	10	10	8	8	4	
1971									1	10	10	20	29	17	20	22	22	33	46	42	37	22	18	11	2	2	1								
1972											1	48	37	17	52	51	40	37	25	34	12	9	2	1											
1973											38	53	22	21	47	27	16	12	13	7	9	5	10	17	7	5	7	4	3	6	5	9	15	7	
1974										1	10	37	38	17	49	54	29	14	17	27	10	5	11	17	5	10	5	5	4						
1975											1	40	84	33	35	21	15	20	15	12	7	10	14	16	14	13	5	4	3	3					

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
GOOSE CREEK ABOVE CHEESMAN LAKE, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	13880	100.0	9	4.50	508	13201	95.1	18	24.0	738	4378	31.5	27	130	181	485	3.4
1	1.00	1	13880	100.0	10	5.40	769	12693	91.4	19	29.0	647	3640	26.2	28	160	94	304	2.1
2	1.20	3	13879	100.0	11	6.50	1392	11924	85.9	20	35.0	496	2993	21.6	29	190	73	210	1.5
3	1.50	3	13876	100.0	12	7.80	1568	10532	75.9	21	42.0	498	2497	18.0	30	230	37	137	.9
4	1.80	39	13873	99.9	13	9.40	640	8964	64.6	22	51.0	417	1999	14.4	31	270	40	100	.7
5	2.10	39	13834	99.7	14	11.00	1406	8324	60.0	23	61.0	383	1582	11.4	32	330	37	60	.4
6	2.50	186	13795	99.4	15	14.00	1096	6918	49.8	24	74.0	272	1199	8.6	33	400	21	23	.1
7	3.10	79	13609	98.0	16	17.00	691	5822	41.9	25	89.0	259	927	6.7	34	480	2	2	
8	3.70	329	13530	97.5	17	20.00	753	5131	37.0	26	110.0	183	668	4.8					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
GOOSE CREEK ABOVE CHEESMAN LAKE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1925	81.0	30	70.0	30	59.0	29	54.0	29	49.0	28	40.0	28	32.0	30	26.0	32	21.0	33
1926	360.0	5	357.0	5	336.0	5	305.0	4	244.0	4	177.0	5	141.0	5	115.0	6	82.0	7
1927	65.0	35	61.0	32	59.0	30	52.0	30	46.0	30	37.0	29	33.0	28	29.0	29	24.0	31
1928	211.0	13	193.0	13	179.0	14	159.0	13	130.0	14	94.0	15	74.0	15	63.0	15	48.0	14
1929	168.0	17	157.0	17	145.0	17	120.0	18	94.0	19	75.0	19	56.0	19	47.0	22	42.0	21
1930	265.0	8	238.0	8	207.0	10	170.0	11	143.0	12	99.0	13	75.0	14	70.0	11	59.0	10
1936	143.0	21	121.0	21	98.0	22	85.0	22	73.0	22	55.0	22	53.0	22	53.0	20	44.0	19
1940	110.0	25	73.0	28	59.0	31	47.0	31	35.0	33	34.0	33	28.0	33	25.0	33	22.0	32
1941	290.0	7	274.0	7	236.0	7	193.0	7	172.0	6	140.0	7	113.0	8	94.0	8	71.0	8
1944	180.0	16	172.0	16	154.0	16	142.0	15	135.0	13	100.0	12	79.0	13	64.0	13	45.0	16
1945	306.0	6	296.0	6	261.0	6	206.0	6	160.0	8	111.0	10	81.0	11	71.0	10	56.0	11
1946	50.0	36	41.0	36	36.0	36	33.0	36	27.0	36	24.0	36	22.0	36	20.0	35	20.0	34
1947	206.0	14	189.0	14	184.0	13	172.0	10	165.0	7	151.0	6	132.0	6	117.0	5	89.0	5
1951	85.0	28	73.0	29	65.0	28	58.0	28	51.0	27	45.0	27	38.0	26	35.0	26	28.0	27
1952	217.0	11	215.0	10	209.0	8	192.0	8	157.0	9	132.0	8	104.0	9	85.0	9	63.0	9
1953	147.0	20	123.0	20	107.0	20	90.0	20	71.0	23	55.0	23	55.0	20	51.0	21	40.0	22
1954	46.0	37	36.0	38	29.0	38	24.0	38	21.0	38	17.0	38	15.0	37	15.0	37	13.0	37
1955	107.0	26	99.0	24	79.0	25	61.0	27	48.0	29	35.0	30	33.0	29	33.0	27	29.0	26
1956	72.0	32	61.0	33	50.0	33	40.0	33	34.0	34	30.0	34	23.0	35	20.0	36	16.0	36
1957	483.0	1	479.0	1	464.0	1	412.0	1	309.0	2	217.0	3	179.0	3	157.0	2	111.0	1
1958	215.0	12	209.0	12	193.0	11	168.0	12	144.0	11	104.0	11	81.0	10	64.0	14	46.0	15
1959	88.0	27	77.0	26	67.0	27	62.0	26	57.0	25	47.0	25	38.0	27	32.0	28	24.0	28
1960	151.0	18	127.0	19	112.0	19	102.0	19	96.0	18	76.0	18	64.0	18	56.0	18	42.0	20
1961	125.0	22	116.0	22	97.0	23	84.0	23	78.0	20	66.0	20	55.0	21	54.0	19	51.0	12
1962	151.0	19	147.0	18	141.0	18	124.0	17	109.0	17	88.0	16	72.0	16	59.0	16	44.0	17
1963	42.0	38	38.0	37	33.0	37	28.0	37	24.0	37	22.0	37	15.0	38	13.0	38	11.0	38
1964	121.0	23	110.0	23	99.0	21	88.0	21	74.0	21	62.0	21	51.0	23	44.0	23	33.0	25
1965	257.0	9	231.0	9	209.0	9	182.0	9	154.0	10	126.0	9	115.0	7	110.0	7	87.0	6
1966	67.0	33	51.0	35	41.0	35	36.0	35	34.0	35	28.0	35	24.0	34	23.0	34	20.0	35
1967	81.0	29	69.0	31	51.0	32	39.0	34	38.0	31	34.0	31	29.0	32	27.0	30	24.0	29
1968	80.0	31	77.0	27	73.0	26	67.0	24	63.0	24	53.0	24	45.0	24	43.0	24	36.0	24
1969	434.0	4	419.0	4	369.0	4	294.0	5	232.0	5	216.0	4	168.0	4	137.0	4	100.0	4
1970	445.0	2	435.0	2	410.0	2	358.0	3	302.0	3	240.0	2	186.0	2	151.0	3	110.0	3
1971	117.0	24	94.0	25	82.0	24	63.0	25	52.0	26	46.0	26	45.0	25	42.0	25	38.0	23
1972	66.0	34	54.0	34	44.0	34	41.0	32	36.0	32	34.0	32	31.0	31	27.0	31	24.0	30
1973	436.0	3	426.0	3	406.0	3	367.0	2	363.0	1	265.0	1	200.0	1	160.0	1	111.0	2
1974	180.0	15	175.0	15	159.0	15	138.0	16	112.0	16	86.0	17	68.0	17	58.0	17	44.0	18
1975	229.0	10	210.0	11	184.0	12	153.0	14	122.0	15	96.0	14	80.0	12	68.0	12	49.0	13

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
GOOSE CREEK ABOVE CHEESMAN LAKE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1926	5.00	20	5.00	19	5.70	21	6.00	20	6.40	21	7.10	22	7.90	26	8.90	28	12.00	26
1927	2.00	3	2.30	3	2.90	5	3.10	6	3.80	7	4.10	6	5.30	10	6.40	15	7.50	11
1928	3.00	7	3.00	6	3.00	6	3.00	5	3.70	6	4.60	8	5.20	8	6.10	11	8.40	15
1929	4.00	11	4.70	15	6.70	27	7.00	27	7.00	25	7.00	21	7.40	20	7.60	19	8.30	13
1930	1.00	1	4.00	9	4.00	8	4.10	8	4.40	9	5.10	12	5.70	14	6.50	16	11.00	21
1936	2.00	4	2.30	4	2.70	4	2.90	4	2.90	2	3.10	2	3.60	2	4.80	4	8.90	18
1940	2.00	5	2.20	2	2.20	2	2.20	1	2.20	1	2.40	1	2.80	1	3.10	1	4.30	1
1941	6.00	26	6.00	24	6.00	23	6.00	21	6.10	20	6.60	19	7.40	21	8.00	20	11.00	22
1945	4.40	13	4.40	10	4.40	10	4.40	10	4.40	10	4.50	7	4.90	7	5.20	5	6.20	4
1946	8.00	32	8.00	32	8.00	32	8.00	31	8.00	31	8.30	30	8.50	30	8.90	29	12.00	27
1947	10.00	34	10.00	34	10.00	34	10.00	34	13.00	34	13.00	34	14.00	34	14.00	33	15.00	32
1952	6.00	27	6.00	25	6.00	24	6.00	22	6.00	18	6.50	18	6.70	18	7.00	17	8.40	14
1953	5.00	21	5.00	20	5.00	14	5.00	14	5.00	14	5.10	13	5.70	15	6.10	12	7.20	9
1954	8.00	33	8.00	33	8.00	33	8.00	32	8.00	32	8.20	29	8.20	27	8.60	25	11.00	23
1955	4.00	12	4.60	13	5.00	15	6.30	24	7.00	26	8.40	31	8.50	31	8.60	26	8.70	16

06700500 GOOSE CREEK ABOVE CHEESMAN LAKE, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
GOOSE CREEK ABOVE CHEESMAN LAKE, CO.

YEAR	1	3	7	14	30	60	90	120	183
1956	7.00 30	7.00 30	7.00 28	7.00 28	7.00 27	7.30 23	7.50 22	8.10 21	9.40 19
1957	3.40 8	3.90 8	4.00 9	4.20 9	4.30 8	4.80 10	5.40 11	5.50 9	5.70 2
1958	6.50 28	6.50 28	6.50 25	6.50 25	6.50 22	6.80 20	7.00 19	8.30 23	13.00 29
1959	5.50 22	5.50 21	5.50 19	5.50 18	5.50 16	5.60 16	5.80 16	5.90 10	6.20 5
1960	4.80 17	4.90 17	5.00 16	5.30 16	6.50 23	10.00 32	11.00 32	15.00 35	17.00 33
1961	5.00 18	5.00 18	5.00 17	5.00 15	5.00 15	5.20 14	5.60 12	6.20 13	7.30 10
1962	12.00 35	13.00 35	13.00 35	13.00 35	13.00 35	14.00 35	14.00 35	14.00 34	21.00 34
1963	4.50 14	4.50 11	4.50 11	4.50 11	4.50 11	4.70 9	4.70 6	5.40 7	6.10 3
1964	1.20 2	1.30 1	1.90 1	2.50 2	3.20 4	3.70 3	3.80 3	4.80 2	6.70 8
1965	4.50 15	4.50 12	4.50 12	4.50 12	4.50 12	5.00 11	5.30 9	5.50 8	6.40 6
1966	4.80 16	4.80 16	4.80 13	4.80 13	4.90 13	5.30 15	5.70 13	6.30 14	11.00 24
1967	3.50 9	3.50 7	3.50 7	3.50 7	3.50 5	3.80 5	4.10 4	4.80 3	6.40 7
1968	7.50 31	7.50 31	7.50 30	7.50 30	7.50 29	7.80 28	8.20 28	8.90 30	13.00 30
1969	2.40 6	2.50 5	2.60 3	2.80 3	3.00 3	3.70 4	4.70 5	5.20 6	8.20 12
1970	7.00 29	7.00 29	7.90 31	8.80 33	9.90 33	10.00 33	11.00 33	13.00 32	23.00 35
1971	4.00 10	4.70 14	5.10 18	5.40 17	6.10 19	7.40 26	8.30 29	9.80 31	14.00 31
1972	5.50 23	6.20 26	6.70 26	7.00 26	7.20 28	7.30 24	7.70 23	8.80 27	12.00 28
1973	5.50 24	5.50 22	5.60 20	5.90 19	6.00 17	6.20 17	6.40 17	7.10 18	8.90 17
1974	5.00 19	5.70 23	5.90 22	6.10 23	6.80 24	7.30 25	7.90 24	8.50 24	11.00 25
1975	6.00 25	6.50 27	7.20 29	7.40 29	7.60 30	7.70 27	7.90 25	8.20 22	10.00 20

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
17	12	8.4	6.8	6.7	9.7	25	82	77	36	42	24
107	26	12	7.5	7.6	12	90	3990	5550	611	1240	258
10	5.1	3.5	2.7	2.8	3.5	9.5	63	74	25	35	16
1.7	1.7	1.1	0.81	1.4	0.88	1.4	1.2	1.7	1.1	1.8	1.4
0.61	0.42	0.41	0.40	0.41	0.36	0.38	0.77	0.97	0.68	0.85	0.68
4.9	3.5	2.4	2.0	1.9	2.8	7.3	24	22	10	12	6.8

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.2	1.0	0.89	0.80	0.80	0.96	1.4	1.8	1.7	1.5	1.5	1.3
0.06	0.03	0.03	0.03	0.03	0.02	0.02	0.14	0.18	0.10	0.10	0.08
0.24	0.16	0.18	0.18	0.16	0.15	0.15	0.37	0.42	0.32	0.32	0.29
0.25	0.48	-0.39	-0.33	0.28	0.02	0.29	-0.56	-0.10	-0.52	0.42	-0.02
0.21	0.16	0.20	0.23	0.21	0.16	0.11	0.21	0.25	0.22	0.22	0.23
7.9	7.1	6.0	5.4	5.4	6.5	9.3	12	12	9.9	10	8.7

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
29	219	15	0.97	0.51	-0.143

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.4	0.05	0.22	0.05	0.16	-0.171

06701500 SOUTH PLATTE RIVER BELOW CHEESMAN LAKE, COLO.

LOCATION.--Lat 39°12'33", long 105°16'02", in SE¼NW¼ sec.6, T.10 S., R.70 W., Jefferson County, on left bank 1,400 ft (430 m) downstream from toe of Cheesman Dam and 3.8 mi (6.1 km) southwest of Deckers.

DRAINAGE AREA.--1,752 mi² (4,538 km²).

REMARKS.--Natural flow of stream affected by minor transmountain diversion from Colorado River Basin through Boreas Pass ditch, Elevenmile Canyon Reservoir and Cheesman Lake, diversions for irrigation of about 40,000 acres (162 km²), and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER BELOW CHEESMAN LAKE, CO.

NUMBER OF DAYS IN CLASS

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR																																			
1925				2	6	1	1	2	1	3	6	2	13	4	6	14	16	45	75	21	34	38	45	20	5	5									
1926				54	23	91	17	2	4	3	2		1	1	3	7	5	8	3	3	20	20	22	14	15	19	7	15	6						
1927						2	7			1	2		67	8	1	22	55	29	32	39	28	14	15	16	12	8	6	1						
1928												9	52	4	1	63	14	24	35	22	32	28	21	14	23	13	10	1						
1929													7	47	2		26	95	13	23	20	28	20	17	16	28	18	3	1	1				
1930													80	1	5	1	76	12	12	19	2	24	25	23	19	43	8	7	8						

06701500 SOUTH PLATTE RIVER BELOW CHEESMAN LAKE, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER BELOW CHEESMAN LAKE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR															NUMBER OF DAYS IN CLASS																				
1931														102	24	28	20		2	26	28	22	48	31	17	15	2								
1932												63	29	12	5	37	2	21	15	48	42	23	34	24	9	2									
1933												65	37	73	6	6	9	9	26	27	23	22	29	9	6	13	5								
1934												117	17	15	21	18	15	15	14	26	39	30	17	13	7	1									
1935								2	1	22	89	16	5	3	25	18	18	22	22	25	14	28	20	11	10	8	2	3	1						
1936							31	88	1		9	11	1		2	5	11	16	20	25	19	25	20	15	17	22	15	10	2	1					
1937									34	22	20	9	55	14	49	6	2	10	16	23	19	34	22	19	6	4	1								
1938								1	15	38	15	11	53	61	23	16	19	7	17	20	11	13	14	12	9	6	4								
1939												89	30	26			1	1	31	54	31	35	18	25	16	6	2								
1940									31	6	31	56	9	20	18	12	32	39	48	24	7	6	9	10	7	1									
1941										58	61	17	36	8	6	13	10	8	13	10	16	10	22	32	20	10	13	2							
1942												100	43	12		1		3	4	14	10	9	29	35	23	8	15	27	27	1	3		1		
1943											18	9	2	114	8	7	26	14	41	27	24	39	20	9	2	5									
1944									57	45	2	6	25	6		5	23	43	16	21	31	22	8	25	19	12									
1945												9	91	2	7	30	34	57	28	17	21	18	14	4	1	4	12	14	2						
1946														1	31	108	24	18	32	23	43	24	21	14	15	7	4								
1947													26	15	92	57	8	22	4	9	8	13	8	14	18	31	25	11	2	2					
1948															59	8	8	12	76	18	16	33	19	19	21	14	24	25	8	1	5				
1949															5	73	48	54	12	29	22	21	20	16	9	4	5	19	10	7	11				
1950											1	9	31	2	12	14	13	20	44	15	58	70	25	32	8	7	4								
1951													24	3	12	3	20	96	33	67	35	9	21	12	7	16	7								
1952														7	11	166	41	6	17	12	8	9	6	15	30	17	16	4	1						
1953															108	35	26	16	2	17	28	37	29	12	13	16	19	4	3						
1954															20	7	106	4	8	11	18	50	30	56	37	11	7								
1955													6	10	39	84	8	33	19	17	49	35	19	15	16	9	6								
1956					9	1			1	1	47	5	95			13	2	39	24	18	41	19	15	10	18	4	3	1							
1957			7	42	52	7	2	13	2	3	3	5	23	30	27	11	22		1	14	17	5	8	13	20	11	11	10	4	2					
1958									3	1	11		2	25	4	27	14	24	28	38	20	43	42	20	12	17	19	4	8	3					
1959						4	45	6	63	19	5	13	29	8	4	6	6	9	20	28	4	25	20	14	11	6	16	4							
1960							9	20	127	13	4			7	9	1	3	4	12	18	16	40	33	12	23	13	2								
1961							1	48	51	3	24	9	27	11	14	17	20	9	12	26	22	7	7	19	16	12	10								
1962															3	4	27	25	45	19	27	45	58	39	26	32	13	2							
1963											25	1	11	6	13	22	56	22	13	17	8	15	49	67	26	14									
1964						1	11	5	8	12	2	4	16	21	24	36	10	29	12	16	28	15	27	40	23	16	9	1							
1965									1	46	133	10	16	10	6	4	14	8	9	5	4	13	24	19	18	9	4	9	3						
1966												3	8	61	26	29	20	30	36	22	20	17	17	27	37	10	2								
1967								9	3	38	70	45	20	18	17	7	21	21	25	14	24	11	8	8	6										
1968								2	36	131	2	6	33		5	6	4	20	9	9	18	18	17	24	9	11	6								
1969							2	3	2	98	44	8	26	3	4	13	16	9	5	7	9	12	25	23	28	16	5	2	2		2	1			
1970																16	10	85	42	9	21	15	31	10	20	21	19	16	25	7	6	4	5	1	2
1971												1	1	5	4	34	32	27	97	18	40	41	16	8	21	11	9								
1972															1	29	56	89	45	14	41	34	30	18	9										
1973											4	5	28	9	1	6	27	52	49	29	10	9	12	15	26	33	25	11	14						
1974										3		14	12	33	11	8	42	74	34	37	20	23	30	15	9										
1975									6	2	1	17	30	38	56	30	24	14	21	13	14	15	37	14	6	8	12	7							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	18627	100.0	9	11.00	725	17453	93.7	18	93.0	1294	8796	47.2	27	790	193	367	1.9
1	1.50	7	18627	100.0	10	14.00	435	16728	89.8	19	120.0	1146	7502	40.3	28	1000	113	174	.9
2	2.00	42	18620	100.0	11	17.00	973	16293	87.5	20	150.0	1211	6356	34.1	29	1300	20	61	.3
3	2.60	117	18578	99.7	12	22.00	1030	15320	82.2	21	190.0	1187	5145	27.6	30	1600	27	41	.2
4	3.30	42	18461	99.1	13	28.00	987	14290	76.7	22	240.0	1168	3958	21.2	31	2100	5	14	
5	4.20	162	18419	98.9	14	36.00	977	13303	71.4	23	310.0	917	2790	15.0	32	2600	6	9	
6	5.30	150	18257	98.0	15	45.00	1112	12326	66.2	24	390.0	676	1873	10.1	33	3300	1	3	
7	6.70	365	18107	97.2	16	57.00	1108	11214	60.2	25	490.0	537	1197	6.4	34	4200	2	2	
8	8.50	289	17742	95.2	17	73.00	1310	10106	54.3	26	630.0	293	660	3.5					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER BELOW CHEESMAN LAKE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1925	530.0	45	524.0	43	415.0	46	346.0	48	302.0	47	261.0	45	243.0	41	249.0	36	218.0	28
1926	1200.0	11	1080.0	11	937.0	10	894.0	9	791.0	8	630.0	8	540.0	8	466.0	8	311.0	11
1927	805.0	22	735.0	22	682.0	20	523.0	27	417.0	26	353.0	30	313.0	30	282.0	28	220.0	27
1928	834.0	20	774.0	21	728.0	17	569.0	18	458.0	22	422.0	18	411.0	13	351.0	13	261.0	16
1929	1450.0	7	1190.0	9	902.0	12	794.0	12	681.0	12	601.0	9	531.0	9	460.0	9	334.0	9
1930	1250.0	10	1200.0	8	1040.0	8	982.0	6	810.0	7	666.0	7	576.0	7	524.0	7	401.0	6
1931	676.0	31	645.0	29	602.0	28	481.0	29	384.0	32	356.0	27	343.0	21	328.0	18	259.0	17
1932	600.0	39	506.0	44	415.0	47	366.0	44	355.0	37	312.0	36	287.0	35	266.0	33	214.0	30
1933	726.0	27	708.0	24	622.0	24	566.0	20	450.0	24	355.0	28	317.0	28	259.0	35	185.0	39
1934	497.0	46	487.0	45	453.0	41	352.0	47	257.0	50	233.0	48	234.0	44	217.0	43	175.0	44
1935	1070.0	14	898.0	16	663.0	21	578.0	17	475.0	21	396.0	22	330.0	24	268.0	31	198.0	36
1936	1440.0	8	1110.0	10	865.0	14	648.0	15	533.0	15	487.0	14	459.0	11	441.0	10	346.0	8
1937	700.0	30	552.0	38	444.0	42	322.0	50	289.0	48	261.0	46	228.0	45	209.0	46	176.0	41
1938	704.0	29	625.0	30	583.0	30	404.0	39	366.0	35	273.0	43	219.0	47	181.0	49	145.0	49
1939	712.0	28	624.0	31	553.0	33	479.0	30	403.0	28	314.0	35	294.0	34	267.0	32	222.0	26
1940	533.0	44	482.0	46	421.0	45	297.0	51	207.0	51	177.0	51	168.0	50	164.0	50	128.0	50

06701500 SOUTH PLATTE RIVER BELOW CHEESMAN LAKE, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER BELOW CHEESMAN LAKE, CO.

YEAR	1	3	7	14	30	60	90	120	183
1941	888.0 17	778.0 20	649.0 23	558.0 21	448.0 25	419.0 19	361.0 20	343.0 14	280.0 14
1942	2840.0 2	2270.0 2	1780.0 3	1460.0 3	1280.0 3	1090.0 2	919.0 2	788.0 2	600.0 2
1943	556.0 43	552.0 39	486.0 39	396.0 40	336.0 41	283.0 39	236.0 42	218.0 41	175.0 42
1944	624.0 36	618.0 33	601.0 29	547.0 23	486.0 20	393.0 23	328.0 25	301.0 25	209.0 32
1945	1110.0 12	1000.0 13	930.0 11	874.0 10	785.0 9	530.0 12	398.0 16	324.0 19	242.0 22
1946	738.0 25	690.0 26	619.0 25	514.0 28	396.0 30	337.0 32	307.0 31	275.0 29	228.0 23
1947	1590.0 6	1410.0 6	1160.0 7	925.0 8	832.0 6	713.0 6	641.0 6	549.0 6	395.0 7
1948	2020.0 5	2010.0 4	1710.0 4	1370.0 4	1090.0 4	945.0 4	787.0 4	662.0 4	520.0 3
1949	2040.0 4	2010.0 5	1850.0 2	1680.0 2	1360.0 2	1090.0 3	842.0 3	682.0 3	486.0 4
1950	579.0 41	530.0 41	487.0 38	333.0 49	261.0 49	230.0 49	217.0 48	215.0 45	205.0 35
1951	615.0 38	550.0 40	500.0 37	413.0 37	349.0 39	307.0 37	246.0 40	227.0 39	170.0 45
1952	825.0 21	790.0 19	716.0 18	596.0 16	522.0 16	453.0 16	379.0 18	309.0 23	228.0 24
1953	835.0 19	805.0 18	707.0 19	568.0 19	548.0 14	450.0 17	391.0 17	335.0 16	248.0 21
1954	618.0 37	608.0 34	521.0 34	431.0 34	400.0 29	354.0 29	335.0 22	315.0 22	263.0 15
1955	628.0 35	623.0 32	572.0 31	436.0 33	352.0 38	281.0 40	222.0 46	205.0 47	175.0 43
1956	642.0 33	571.0 37	408.0 48	353.0 46	314.0 45	245.0 47	217.0 49	194.0 48	159.0 48
1957	1010.0 15	934.0 15	804.0 15	676.0 14	512.0 17	490.0 13	406.0 14	319.0 20	215.0 29
1958	1080.0 13	1050.0 12	981.0 9	850.0 11	701.0 11	547.0 11	439.0 12	378.0 12	313.0 10
1959	735.0 26	684.0 27	612.0 26	446.0 31	404.0 27	376.0 24	316.0 29	265.0 34	184.0 40
1960	493.0 47	473.0 48	458.0 40	404.0 38	371.0 33	300.0 38	267.0 37	245.0 37	193.0 37
1961	598.0 40	572.0 36	509.0 36	437.0 32	395.0 31	363.0 25	270.0 36	216.0 44	166.0 47
1962	660.0 32	646.0 28	558.0 32	536.0 25	451.0 23	358.0 26	335.0 23	339.0 15	303.0 12
1963	447.0 51	430.0 50	390.0 50	354.0 45	320.0 44	315.0 34	298.0 32	285.0 27	257.0 18
1964	639.0 34	590.0 35	517.0 35	420.0 35	370.0 34	350.0 31	320.0 27	301.0 24	225.0 25
1965	867.0 18	808.0 17	736.0 16	542.0 24	344.0 40	274.0 42	258.0 38	228.0 38	206.0 34
1966	558.0 42	524.0 42	434.0 44	389.0 41	356.0 36	317.0 33	297.0 33	272.0 30	210.0 31
1967	459.0 49	433.0 49	405.0 49	376.0 42	308.0 46	230.0 50	161.0 51	145.0 51	109.0 51
1968	768.0 23	720.0 23	609.0 27	556.0 22	491.0 19	402.0 21	327.0 26	291.0 26	207.0 33
1969	2470.0 3	2020.0 3	1480.0 5	1040.0 5	727.0 10	584.0 10	491.0 10	438.0 11	294.0 13
1970	4580.0 1	4140.0 1	3220.0 1	2750.0 1	1990.0 1	1500.0 1	1260.0 1	1070.0 1	796.0 1
1971	739.0 24	705.0 25	658.0 22	535.0 26	510.0 18	418.0 20	369.0 19	316.0 21	249.0 19
1972	456.0 50	413.0 51	379.0 51	372.0 43	323.0 43	262.0 44	235.0 43	218.0 42	193.0 38
1973	1280.0 9	1280.0 7	1210.0 6	940.0 7	868.0 5	777.0 5	703.0 5	641.0 5	451.0 5
1974	481.0 48	481.0 47	441.0 43	414.0 36	330.0 42	277.0 41	246.0 39	224.0 40	169.0 46
1975	990.0 16	963.0 14	877.0 13	793.0 13	655.0 13	486.0 15	406.0 15	328.0 17	248.0 20

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER BELOW CHEESMAN LAKE, CO.

YEAR	1	3	7	14	30	60	90	120	183
1926	3.00 3	3.00 3	3.00 3	3.00 3	3.20 4	4.10 2	4.50 1	4.70 1	36.00 12
1927	3.00 4	3.00 4	3.00 4	3.00 4	3.00 3	22.00 25	32.00 26	36.00 28	53.00 24
1928	5.00 11	5.30 9	7.10 12	18.00 29	27.00 36	40.00 39	45.00 40	48.00 39	74.00 37
1929	17.00 33	18.00 33	19.00 33	23.00 38	35.00 43	54.00 44	63.00 44	65.00 44	86.00 44
1930	22.00 42	22.00 40	22.00 39	22.00 36	22.00 32	34.00 35	43.00 36	47.00 38	66.00 33
1931	22.00 43	22.00 41	22.00 40	29.00 42	29.00 37	32.00 31	37.00 31	37.00 29	77.00 40
1932	20.00 40	20.00 39	20.00 36	20.00 33	20.00 31	20.00 19	30.00 23	30.00 21	54.00 27
1933	19.00 38	19.00 36	19.00 34	19.00 32	19.00 28	23.00 26	26.00 19	28.00 20	66.00 34
1934	18.00 34	18.00 34	18.00 32	18.00 30	19.00 29	21.00 22	21.00 18	24.00 18	29.00 8
1935	14.00 32	15.00 31	15.00 28	15.00 26	15.00 23	16.00 14	16.00 12	20.00 14	44.00 16
1936	6.50 14	6.50 12	6.50 11	6.50 10	6.50 7	6.80 5	7.10 3	8.20 3	41.00 15
1937	7.20 15	7.30 14	7.50 13	9.80 18	9.80 13	17.00 15	20.00 15	23.00 16	40.00 14
1938	9.40 20	9.70 21	11.00 26	13.00 22	14.00 21	18.00 16	21.00 16	23.00 17	46.00 17
1939	8.40 18	8.70 19	8.90 17	9.70 16	11.00 17	21.00 23	21.00 17	21.00 15	63.00 31
1940	10.00 24	10.00 22	10.00 22	10.00 19	10.00 14	15.00 13	17.00 13	18.00 12	33.00 10
1941	10.00 25	10.00 23	10.00 23	13.00 23	13.00 18	14.00 11	14.00 10	16.00 9	21.00 3
1942	13.00 28	13.00 28	17.00 30	18.00 31	19.00 30	20.00 20	20.00 14	20.00 13	60.00 29
1943	18.00 35	19.00 37	22.00 37	28.00 41	31.00 42	33.00 32	33.00 27	34.00 24	46.00 18
1944	9.60 21	9.60 20	9.60 19	9.60 15	9.70 11	10.00 8	30.00 24	34.00 25	53.00 25
1945	8.50 19	8.50 18	8.50 15	8.80 12	9.80 12	34.00 33	43.00 37	41.00 35	54.00 26
1946	24.00 44	24.00 42	25.00 41	25.00 39	26.00 35	43.00 43	44.00 38	45.00 36	57.00 28
1947	26.00 47	26.00 46	26.00 42	27.00 40	30.00 40	35.00 36	37.00 32	40.00 32	47.00 19
1948	24.00 45	24.00 43	28.00 44	41.00 45	41.00 45	41.00 40	52.00 42	63.00 42	88.00 46
1949	41.00 50	44.00 50	45.00 49	45.00 48	52.00 48	60.00 46	67.00 45	64.00 43	83.00 42
1950	13.00 29	14.00 29	15.00 29	16.00 27	17.00 25	36.00 37	49.00 41	50.00 40	74.00 38
1951	21.00 41	24.00 44	30.00 45	41.00 46	48.00 46	56.00 45	58.00 43	62.00 41	77.00 41
1952	18.00 36	18.00 35	18.00 31	18.00 28	29.00 38	38.00 38	39.00 34	40.00 33	51.00 21
1953	26.00 46	26.00 45	27.00 43	30.00 43	30.00 41	31.00 29	33.00 28	36.00 26	61.00 30
1954	30.00 48	32.00 48	33.00 47	33.00 44	37.00 44	42.00 41	43.00 35	45.00 37	74.00 39
1955	20.00 39	20.00 38	20.00 35	21.00 34	29.00 39	34.00 34	35.00 29	38.00 31	66.00 32
1956	3.10 5	3.10 5	3.10 5	5.10 6	8.30 9	14.00 12	16.00 11	17.00 11	27.00 6
1957	2.40 2	2.40 2	2.40 2	2.40 2	2.60 2	2.80 1	8.20 5	14.00 7	27.00 7
1958	1.60 1	1.60 1	1.60 1	1.80 1	2.00 1	19.00 17	32.00 25	41.00 34	67.00 35
1959	4.30 8	4.40 8	4.60 7	5.80 7	6.70 8	7.30 6	7.50 4	9.40 4	24.00 5
1960	3.90 6	3.90 6	4.10 6	4.40 5	4.60 5	6.60 4	6.60 2	6.70 2	21.00 4

06701500 SOUTH PLATTE RIVER BELOW CHEESMAN LAKE, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER BELOW CHEESMAN LAKE, CO.

YEAR	1	3	7	14	30	60	90	120	183
1961	4.30 9	5.90 10	5.90 9	5.90 8	5.90 6	6.40 3	9.30 6	16.00 10	32.00 9
1962	5.90 12	5.90 11	6.20 10	6.80 11	18.00 26	43.00 42	45.00 39	81.00 47	95.00 48
1963	11.00 26	11.00 26	11.00 24	11.00 20	13.00 19	31.00 30	37.00 33	36.00 27	50.00 20
1964	3.90 7	4.20 7	4.90 8	6.00 9	15.00 22	22.00 24	29.00 22	33.00 22	72.00 36
1965	4.70 10	7.80 15	8.90 16	9.00 13	9.40 10	10.00 7	11.00 7	11.00 5	11.00 1
1966	11.00 27	11.00 27	11.00 25	21.00 35	24.00 33	25.00 27	28.00 21	34.00 23	52.00 22
1967	7.80 16	8.00 16	8.20 14	9.80 17	13.00 20	20.00 21	27.00 20	27.00 19	34.00 11
1968	7.80 17	8.40 17	9.20 18	9.60 14	11.00 15	11.00 9	12.00 8	12.00 6	15.00 2
1969	10.00 22	10.00 24	10.00 20	11.00 21	11.00 16	13.00 10	13.00 9	15.00 8	39.00 13
1970	6.40 13	6.60 13	12.00 27	14.00 24	16.00 24	* 19.00 18	82.00 49	86.00 49	104.00 49
1971	19.00 37	28.00 47	37.00 48	44.00 47	49.00 47	68.00 49	78.00 48	81.00 48	94.00 47
1972	39.00 49	43.00 49	47.00 50	53.00 49	59.00 49	62.00 47	70.00 46	75.00 46	87.00 45
1973	14.00 30	17.00 32	32.00 46	55.00 50	71.00 50	83.00 50	86.00 50	92.00 50	106.00 50
1974	14.00 31	14.00 30	22.00 38	23.00 37	24.00 34	65.00 48	71.00 47	73.00 45	84.00 43
1975	10.00 23	10.00 25	10.00 21	14.00 25	18.00 27	29.00 28	35.00 30	37.00 30	52.00 23

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
116	62	39	41	40	41	138	257	314	348	330	176
2920	1240	623	791	750	1110	32800	76900	53400	28300	19500	5620
54	35	25	28	27	33	181	277	231	168	140	75
0.35	0.75	0.91	0.89	0.71	1.1	3.0	3.5	1.5	1.4	1.1	0.95
0.47	0.57	0.63	0.69	0.68	0.81	1.3	1.1	0.74	0.48	0.42	0.43
6.1	3.3	2.1	2.2	2.1	2.2	7.2	14	17	18	17	9.2

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.0	1.7	1.5	1.5	1.5	1.5	1.9	2.2	2.4	2.5	2.5	2.2
0.07	0.09	0.09	0.12	0.13	0.16	0.30	0.17	0.11	0.05	0.03	0.04
0.27	0.31	0.31	0.35	0.37	0.39	0.54	0.41	0.33	0.21	0.18	0.20
-1.4	-1.0	-0.49	-0.51	-0.69	-0.42	-0.70	-0.59	-0.25	-0.67	-0.06	-0.86
0.13	0.18	0.20	0.23	0.25	0.27	0.29	0.18	0.14	0.09	0.07	0.09
8.6	7.3	6.4	6.4	6.3	6.3	8.0	9.6	10	11	11	9.4

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
159	4800	69	2.1	0.44	0.179

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.2	0.02	0.16	0.83	0.07	0.243

06702000 SOUTH PLATTE RIVER ABOVE NORTH FORK, AT SOUTH PLATTE, COLO.

LOCATION.--Lat 39°24'22", long 105°10'14", in NW¼NE¼ sec.36, T.7 S., R.70 W., Jefferson County, 600 ft (183 m) upstream from North Fork, at South Platte.

DRAINAGE AREA.--2,098 mi² (5,434 km²).

REMARKS.--Flow partly regulated by Cheesman Lake Reservoir (capacity, 79,060 acre-ft or 97.5 hm³) since 1902, Antero Reservoir (capacity, 22,300 acre-ft or 27.5 hm³) since 1907, diversions above station for irrigation of about 39,500 acres (160 km²), and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
S PLATTE R AB NORTH FORK AT SOUTH PLATTE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1908															76	10	9	8	13	37	56	33	52	46	4	15	4	3							
1909	5	5						1	1	2	16	29	34	34	12	19	26	21	15	6	2	8	12	14	12	2	7	7	21	17	12	9	2	12	2
1910															4	2	1	4	32	70	29	22	20	14	55	60	27	18	7						
1911															11	44	47	50	41	55	9	9	23	11	19	13	12	3	4	4	6	4			
1912															67	41	62	17	30	10	13	7	6	8	13	9	21	12	10	11	11	13	4	1	

06702000 SOUTH PLATTE RIVER ABOVE NORTH FORK, AT SOUTH PLATTE, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
S PLATTE R AB NORTH FORK AT SOUTH PLATTE, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	5	1827	100.0	9	14.00	2	1815	99.3	18	80.0	155	1156	63.3	27	450	40	190	10.3
1	3.00	5	1822	99.7	10	17.00	16	1813	99.2	19	96.0	197	1001	54.8	28	550	42	150	8.2
2	3.60	0	1817	99.5	11	21.00	29	1797	98.4	20	120.0	86	804	44.0	29	660	32	108	5.9
3	4.40	0	1817	99.5	12	25.00	34	1768	96.8	21	140.0	98	718	39.3	30	800	29	76	4.1
4	5.40	0	1817	99.5	13	30.00	110	1734	94.9	22	170.0	107	620	33.9	31	980	26	47	2.5
5	6.50	0	1817	99.5	14	37.00	104	1624	88.9	23	210.0	51	513	28.1	32	1200	6	21	1.1
6	7.90	0	1817	99.5	15	45.00	115	1520	83.2	24	250.0	114	462	25.3	33	1400	13	15	.8
7	9.50	1	1817	99.5	16	54.00	144	1405	76.9	25	310.0	88	348	19.0	34	1700	2	2	.1
8	12.00	1	1816	99.4	17	66.00	105	1261	69.0	26	370.0	70	260	14.2					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
S PLATTE R AB NORTH FORK AT SOUTH PLATTE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1908	410.0	5	377.0	5	340.0	5	285.0	5	272.0	5	224.0	5	198.0	5	180.0	5	154.0	5
1909	1760.0	1	1710.0	1	1600.0	1	1490.0	1	1170.0	1	865.0	1	734.0	1	691.0	1	487.0	1
1910	608.0	4	575.0	4	504.0	4	460.0	4	385.0	4	347.0	4	343.0	4	322.0	4	299.0	3
1911	1040.0	3	1040.0	3	1010.0	3	813.0	3	666.0	3	468.0	3	389.0	3	332.0	3	254.0	4
1912	1400.0	2	1300.0	2	1190.0	2	1040.0	2	810.0	2	792.0	2	665.0	2	571.0	2	402.0	2

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
S PLATTE R AB NORTH FORK AT SOUTH PLATTE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1908	30.00	2	30.00	2	30.00	2	30.00	2	30.00	2	30.00	2	33.00	2	43.00	2	76.00	4
1909	0.00	1	0.00	1	0.86	1	13.00	1	22.00	1	23.00	1	24.00	1	24.00	1	39.00	1
1910	36.00	3	36.00	3	41.00	4	48.00	5	57.00	5	95.00	5	109.00	5	122.00	5	198.00	5
1911	38.00	4	43.00	5	44.00	5	44.00	4	46.00	4	56.00	4	58.00	4	58.00	4	70.00	3
1912	40.00	5	40.00	4	40.00	3	40.00	3	40.00	3	40.00	3	48.00	3	57.00	3	61.00	2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
146	92	64	63	49	112	124	171	353	455	396	363
10200	2770	1260	1720	723	17700	8110	13600	53000	68500	25200	189000
101	53	36	41	27	133	90	117	230	262	159	434
1.8	0.64	0.57	1.1	0.74	2.1	1.6	2.0	0.55	-0.04	0.55	2.1
0.69	0.57	0.55	0.65	0.55	1.2	0.73	0.68	0.65	0.58	0.40	1.2
6.1	3.8	2.7	2.7	2.0	4.7	5.2	7.2	15	19	17	15

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.1	1.9	1.7	1.7	1.6	1.9	2.0	2.2	2.5	2.6	2.6	2.4
0.06	0.08	0.07	0.08	0.06	0.16	0.09	0.06	0.09	0.09	0.03	0.17
0.25	0.28	0.26	0.29	0.24	0.40	0.29	0.24	0.30	0.29	0.17	0.41
1.3	-0.59	-0.43	0.12	0.15	1.7	0.62	1.7	0.08	-0.40	0.45	1.5
0.12	0.15	0.15	0.17	0.15	0.21	0.15	0.11	0.12	0.11	0.07	0.17
8.3	7.5	6.9	6.9	6.5	7.4	8.0	8.6	9.8	10	10	9.4

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
200	3580	60	-0.68	0.30	-0.618

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.3	0.02	0.15	-1.0	0.06	-0.629

06702500 NORTH FORK SOUTH PLATTE RIVER AT GRANT, COLO.

LOCATION.--Lat 39°27'33", long 105°39'49", in NE¼NE¼ sec.9, T.7 S., R.74 W., Park County, about 250 ft (76.2 m) upstream from Geneva Creek, at Grant.

DRAINAGE AREA.--49.0 mi² (127 km²).

REMARKS.--Diversions for irrigation of about 125 acres (506,000 m²) above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH FORK SOUTH PLATTE RIVER AT GRANT, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1911													10	31	111	15	14	49	27	17	7	1	21	11	3	34	14								
1912												30	31	60	34	1	11	31	14	10	14	27	9	16	3	5	19	30	19	2					
1913														59		62			43	69	27	9	21	24	19	18	14							
1914													27	29	25	5	9	8	23	38	33	24	9	15	18	11	20	20	10	18	7	7	5	2	2
1915														92	1	35	16	32	34	49	15	18	12	13	12	18	14	4							
1916													1	28	94	30	12	49	16	17	23	22	12	22	12	27									
1917		4	1	1	1						31		28	32	18	80	17	23	8	17	9	8	6	5	11	21	11	11	6	8	8				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2556	100.0	9	2.20	0	2549	99.7	18	15.0	165	1278	50.0	27	100	65	159	6.2
1	0.40	4	2556	100.0	10	2.70	31	2549	99.7	19	19.0	217	1113	43.5	28	130	35	94	3.6
2	0.50	1	2552	99.8	11	3.40	30	2518	98.5	20	23.0	128	896	35.1	29	160	28	59	2.3
3	0.60	1	2551	99.8	12	4.20	97	2488	97.3	21	28.0	109	768	30.0	30	190	15	31	1.2
4	0.80	1	2550	99.8	13	5.20	331	2391	93.5	22	35.0	90	659	25.8	31	240	7	16	.6
5	0.90	0	2549	99.7	14	6.40	283	2060	80.6	23	43.0	106	569	22.3	32	300	5	9	.3
6	1.20	0	2549	99.7	15	7.90	228	1777	69.5	24	54.0	78	463	18.1	33	370	2	4	.1
7	1.40	0	2549	99.7	16	9.80	79	1549	60.6	25	66.0	134	385	15.1	34	450	2	2	
8	1.80	0	2549	99.7	17	12.00	192	1470	57.5	26	82.0	92	251	9.8					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH FORK SOUTH PLATTE RIVER AT GRANT, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1911	88.0	6	88.0	6	88.0	5	85.0	5	81.0	5	70.0	5	59.0	5	50.0	6	37.0	6
1912	169.0	3	161.0	3	156.0	3	147.0	3	137.0	3	121.0	3	103.0	2	85.0	2	63.0	2
1913	95.0	5	92.0	5	87.0	6	84.0	6	80.0	6	69.0	6	61.0	4	52.0	4	41.0	4
1914	542.0	1	404.0	1	333.0	1	327.0	1	262.0	1	198.0	1	166.0	1	142.0	1	104.0	1
1915	113.0	4	106.0	4	93.0	4	92.0	4	85.0	4	71.0	4	58.0	6	50.0	5	37.0	5
1917	220.0	2	213.0	2	205.0	2	190.0	2	160.0	2	121.0	2	98.0	3	79.0	3	56.0	3

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH FORK SOUTH PLATTE RIVER AT GRANT, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1912	4.00	2	4.00	2	4.00	2	4.00	2	4.00	2	4.50	2	5.00	2	5.10	1	6.90	2
1913	6.00	5	6.00	5	6.00	5	6.00	5	6.00	5	6.00	5	6.70	5	7.00	4	12.00	4
1914	5.00	3	5.00	3	5.00	3	5.00	3	5.20	3	5.80	3	6.30	4	8.50	5	13.00	5
1915	6.00	4	6.00	4	6.00	4	6.00	4	6.00	4	6.00	4	6.00	3	6.50	3	10.00	3
1917	3.00	1	3.00	1	3.00	1	3.00	1	3.00	1	4.00	1	4.70	1	5.50	2	6.40	1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
16	11	7.1	6.3	5.9	8.3	18	74	112	63	34	18
35	36	1.2	0.25	0.38	22	89	2610	2430	908	382	49
5.9	6.0	1.1	0.50	0.61	4.7	9.4	51	49	30	20	7.0
0.24	0.33	-1.4	1.2	0.23	1.5	1.8	2.5	0.88	0.47	1.8	0.72
0.37	0.53	0.15	0.08	0.10	0.57	0.51	0.69	0.44	0.48	0.58	0.38
4.2	3.0	1.9	1.7	1.6	2.2	4.9	20	30	17	9.0	4.9

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.2	1.00	0.85	0.80	0.77	0.86	1.2	1.8	2.0	1.8	1.5	1.2
0.03	0.06	0.01	0.00	0.00	0.06	0.04	0.05	0.03	0.04	0.05	0.03
0.17	0.25	0.07	0.03	0.04	0.24	0.19	0.21	0.18	0.21	0.21	0.16
-0.12	-0.28	-1.7	1.2	-0.11	0.08	1.2	2.2	0.56	0.31	1.1	0.49
0.14	0.25	0.09	0.04	0.06	0.28	0.15	0.12	0.09	0.12	0.14	0.13
7.8	6.7	5.7	5.3	5.2	5.8	8.2	12	13	12	9.9	8.2

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
31	172	13	2.0	0.42	-0.321

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.5	0.02	0.15	1.5	0.10	-0.340

06705500 GENEVA CREEK AT GRANT, COLO.

LOCATION.--Lat 39°27'35", long 105°39'57", in NE¼NE¼ sec.9, T.7 S., R.74 W., Park County, just downstream from bridge at Grant and 300 ft (91.4 m) upstream from mouth.

DRAINAGE AREA.--77.5 mi² (201 km²).

REMARKS.--Small diversions for irrigation of about 100 acres (405,000 m²) above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
GENEVA CREEK AT GRANT, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1914										18	75	28	8	21	23	19	16	20	5	11	11	10		4	3	6	27	9	8	3	14	13	7	5	1
1915		1	1	3	7	6	7	8	47	47	17	21	13	27	33	17	19	9	15	4	13	4	17	13	6	8	2								
1916								2	55	88	6	12	20	12	22	20	8	22	16	17	23	12	16	14	1									
1917									47	49	25	32	34	35	30	4	7	6	16	12	9	4	6	11	7	5	10	4	6	6					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1461	100.0	9	12.00	202	1277	87.4	18	62.0	52	414	28.3	27	310	13	76	5.2
1	3.00	1	1461	100.0	10	15.00	123	1075	73.6	19	74.0	44	362	24.8	28	360	14	63	4.3
2	3.60	1	1460	99.9	11	18.00	93	952	65.2	20	88.0	56	318	21.8	29	440	9	49	3.3
3	4.30	3	1459	99.9	12	21.00	75	859	58.8	21	110.0	30	262	17.9	30	520	14	40	2.7
4	5.10	7	1456	99.7	13	25.00	95	784	53.7	22	130.0	39	232	15.9	31	620	13	26	1.7
5	6.10	6	1449	99.2	14	30.00	108	689	47.2	23	150.0	42	193	13.2	32	740	7	13	.8
6	7.30	7	1443	98.8	15	36.00	60	581	39.8	24	180.0	17	151	10.3	33	890	5	6	.4
7	8.70	10	1436	98.3	16	43.00	50	521	35.7	25	210.0	19	134	9.2	34	1100	1	1	
8	10.00	149	1426	97.6	17	52.00	57	471	32.2	26	260.0	39	115	7.9					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
GENEVA CREEK AT GRANT, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1914	1140.0	1	1050.0	1	945.0	1	871.0	1	742.0	1	562.0	1	498.0	1	407.0	1	284.0	1
1915	268.0	3	255.0	3	218.0	3	200.0	3	183.0	3	157.0	3	128.0	3	107.0	3	79.0	3
1916	182.0	4	174.0	4	163.0	4	156.0	4	147.0	4	123.0	4	109.0	4	99.0	4	76.0	4
1917	495.0	2	485.0	2	464.0	2	418.0	2	341.0	2	251.0	2	195.0	2	158.0	2	111.0	2

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
GENEVA CREEK AT GRANT, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1914	12.00	5	13.00	5	14.00	5	15.00	5	15.00	5	16.00	5	16.00	5	16.00	5	23.00	5
1915	3.00	1	4.70	1	5.00	1	5.90	1	8.50	1	9.00	1	10.00	1	11.00	1	16.00	3
1916	9.00	3	9.70	3	9.90	2	10.00	2	10.00	2	11.00	2	11.00	2	12.00	2	15.00	2
1917	10.00	4	10.00	4	10.00	3	10.00	3	11.00	3	11.00	3	13.00	4	14.00	4	18.00	4
1918	8.00	2	9.30	2	10.00	4	10.00	4	11.00	4	11.00	4	12.00	3	12.00	3	14.00	1

06706000 NORTH FORK SOUTH PLATTE RIVER BELOW GENEVA CREEK, AT GRANT, COLO.

LOCATION.--Lat 39°27'26", long 105°39'29", in NW¼NW¼ sec.10, T.7 S., R.74 W., Park County, on left bank at Grant, 1,550 ft (470 m) downstream from Geneva Creek, and 1.3 mi (2.1 km) downstream from east portal of Harold D. Roberts Tunnel.

DRAINAGE AREA.--127 mi² (329 km²).

REMARKS.--Small diversions above station for irrigation of about 200 acres (809,400 m²). Transmountain diversions from Colorado River Basin to North Fork South Platte River above station through Harold D. Roberts Tunnel since October 1963. Statistical summaries are shown for two periods, water years 1910-13, 1943-63, and water years 1964-75.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NF SOUTH PLATTE R BELOW GENEVA C, AT GRANT, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1910										1	31	29	58	34	29	28	18	14	25	11	17	19	30	11	3	7									
1911				3	6	5	15	3	49	82	20	16	1	4	29	9	9	12	8	8	13	8	13	12	16	8	8	4	2		1	1			
1912					5	70	11	1	37	43	11	11	5	6	7	15	22	22	9	6	12	4		5	7	5	17	3	16	2	4	3	5	2	
1913									28	31	46	33	16	10	10	14	20	32	21	15	14	21	12	13	16	10	3								
1943					1	14	69	17	24	29	51	9	9	8	5	13	11	11	10	13	15	9	3	5	19	15	5								
1944		12	20	38	15	27	14	10	21	27	44	16	5	2	9	7	9	5	6	3	2	6	4	12	10	7	6	10	13	4	2				
1945			2	35	33	26	17	19	14	35	15	7	3	2		3	9	14	9	8	13	16	13	30	21	8	9	1	1	1	1				

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NF SOUTH PLATTE R BELOW GENEVA C, AT GRANT, CO.

NUMBER OF DAYS IN CLASS

YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1946							6	58	26	27	29	17	23	6	21	32	10	8	18	19	30	13	2	5	3	11	1								
1947						1	23	41	27	46	43	8	14	2	3	2	8	5	6	12	4	4	11	9	18	15	9	6	12	13	15	6	2		
1948								19	29	22	43	16	29	33	25	28	10	9	5	13	5	8	6	4	10	11	3	3	4	9	9	13			
1949							1	61	50	16	31	28	13	17	9	12	19	6	5	8	10	13	4	4	8	7	4	5	8	9	2	7	7	1	
1950				3	3	7	58	40	28	19	25	36	20	17	18	7	6	6	10	6	17	5	5	10	4	4	6	4	1						
1951				2	20	46	38	16	52	20	7	7	9	15	9	6	8	9	13	4	3	5	9	9	11	11	9	8	13	2	4				
1952					1	28	35	30	40	22	23	29	18	7	16	6	11	7	7	8	6	10	12	11	7	8	4	3	4	2	2	8	1		
1953					5	69	47	12	40	29	21	16	16	10	10	7	4	6	7	6	12	5	5	12	9	5	6	3	3						
1954						9	43	36	49	70	28	11	19	10	21	11	10	25	13	5	3	2													
1955				1	45	28	39	10	8	12	42	8	11	4	14	15	14	21	14	24	29	19	7												
1956						22	40	31	29	41	38	27	11	17	11	9	11	5	4	7	3	11	4	10	3	2	9	15	6						
1957								59	92	31					30	6	7	8	5	3	2	4	4	6	34	10	13	16	14	14	5	2		
1958									66	38	22	42	16	49	40	12	4	6	5	2	11	4	7	12	3	3	4	8	4	7					
1959		1	1	2	2	5	6	9	55	39	52	27	19	11	18	14	8	9	11	7	11	12	7	3	7	6	5	13	5						
1960						4	21	45	12	14	35	18	18	33	37	28	7	9	7	6	4	10	5	8	9	7	7	12	8	2					
1961							13	73	30	43	30	16	7	1	7	4	5	5	14	17	21	34	19	20	6										
1962											73	69	22	15	22	19	7	19	12	18	8	9	3	14	25	23	2	5							
1963							14	48	33	47	51	12	17	8	11	16	34	29	36	7	1	1													

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	9131	100.0	9	20.00	859	7069	77.4	18	72.0	324	2577	28.2	27	260	139	485	5.3
1	6.50	13	9131	100.0	10	23.00	944	6210	68.0	19	83.0	255	2253	24.7	28	300	115	346	3.7
2	7.50	23	9118	99.9	11	27.00	597	5266	57.7	20	96.0	233	1998	21.9	29	340	101	231	2.5
3	8.60	75	9095	99.6	12	31.00	473	4669	51.1	21	110.0	285	1765	19.3	30	400	56	130	1.4
4	9.90	59	9020	98.8	13	36.00	315	4196	46.0	22	130.0	211	1480	16.2	31	460	42	74	.8
5	11.00	149	8961	98.1	14	41.00	348	3881	42.5	23	150.0	201	1269	13.9	32	530	23	32	.3
6	13.00	413	8812	96.5	15	47.00	413	3533	38.7	24	170.0	225	1068	11.7	33	610	7	9	
7	15.00	778	8399	92.0	16	55.00	274	3120	34.2	25	200.0	231	843	9.2	34	700	2	2	
8	18.00	552	7621	83.5	17	63.00	269	2846	31.2	26	230.0	127	612	6.7					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NF SOUTH PLATTE R BELOW GENEVA C, AT GRANT, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1910	214.0	21	214.0	21	214.0	21	194.0	21	164.0	21	141.0	20	118.0	22	102.0	23	81.0	23
1911	555.0	5	468.0	8	354.0	10	263.0	15	241.0	14	226.0	12	197.0	9	170.0	8	126.0	8
1912	860.0	1	728.0	1	591.0	2	479.0	3	448.0	1	379.0	1	300.0	3	245.0	3	178.0	3
1913	262.0	19	249.0	19	241.0	19	232.0	18	228.0	17	190.0	17	173.0	15	152.0	12	123.0	10
1943	297.0	18	274.0	18	255.0	18	243.0	17	235.0	15	200.0	15	172.0	16	147.0	16	109.0	15
1944	415.0	10	395.0	10	354.0	11	334.0	9	312.0	10	256.0	8	205.0	8	166.0	9	116.0	11
1945	415.0	11	349.0	12	302.0	16	250.0	16	213.0	18	188.0	18	182.0	13	163.0	10	124.0	9
1946	238.0	20	225.0	20	217.0	20	209.0	20	171.0	20	135.0	21	121.0	21	108.0	21	84.0	22
1947	540.0	6	528.0	5	497.0	6	463.0	4	426.0	4	346.0	3	314.0	2	273.0	2	198.0	2
1948	518.0	7	513.0	6	498.0	5	459.0	5	444.0	3	340.0	4	267.0	4	219.0	4	155.0	4
1949	642.0	3	584.0	3	561.0	3	513.0	2	446.0	2	338.0	5	264.0	5	216.0	5	155.0	5
1950	382.0	13	333.0	14	306.0	15	281.0	14	234.0	16	181.0	19	146.0	19	121.0	19	89.0	20
1951	490.0	8	487.0	7	457.0	7	407.0	7	347.0	7	300.0	6	248.0	6	205.0	6	147.0	6
1952	645.0	2	615.0	2	595.0	1	524.0	1	403.0	6	292.0	7	236.0	7	194.0	7	139.0	7
1953	374.0	14	349.0	13	328.0	12	292.0	13	256.0	13	198.0	16	160.0	18	131.0	18	95.0	19
1954	136.0	24	130.0	24	120.0	24	105.0	24	93.0	24	82.0	24	73.0	24	64.0	24	51.0	25
1959	152.0	23	149.0	23	142.0	23	140.0	23	131.0	23	115.0	23	111.0	23	107.0	22	86.0	21
1956	390.0	12	383.0	11	362.0	9	334.0	10	314.0	9	242.0	9	189.0	10	155.0	11	112.0	12
1957	590.0	4	553.0	4	511.0	4	447.0	6	421.0	5	370.0	2	325.0	1	292.0	1	214.0	1
1958	453.0	9	439.0	9	424.0	8	380.0	8	323.0	8	241.0	10	186.0	11	151.0	13	109.0	16
1959	326.0	16	323.0	16	310.0	14	295.0	11	264.0	12	202.0	13	164.0	17	136.0	17	100.0	17
1960	340.0	15	332.0	15	314.0	13	293.0	12	282.0	11	227.0	11	182.0	12	149.0	14	110.0	13
1961	185.0	22	177.0	22	167.0	22	161.0	22	155.0	22	134.0	22	121.0	20	119.0	20	96.0	18
1962	299.0	17	297.0	17	265.0	17	219.0	19	204.0	19	200.0	14	175.0	14	149.0	15	109.0	14
1963	124.0	25	105.0	25	89.0	25	79.0	25	79.0	25	74.0	25	65.0	25	61.0	25	56.0	24

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NF SOUTH PLATTE R BELOW GENEVA C, AT GRANT, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1911	10.00	7	12.00	8	13.00	13	13.00	9	17.00	18	21.00	21	22.00	21	22.00	19	24.00	17
1912	10.00	8	12.00	9	12.00	8	13.00	10	14.00	9	14.00	6	14.00	4	16.00	6	22.00	15
1913	18.00	22	20.00	23	20.00	23	20.00	22	20.00	22	23.00	22	25.00	22	28.00	23	36.00	22
1944	6.80	2	6.90	1	7.20	1	7.50	1	8.40	1	8.50	1	8.90	1	9.70	1	14.00	1
1945	8.00	3	8.30	3	8.70	2	9.00	2	9.40	2	9.60	2	10.00	2	11.00	2	14.00	2

06706000 NORTH FORK SOUTH PLATTE RIVER BELOW GENEVA CREEK, AT GRANT, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NF SOUTH PLATTE R BELOW GENEVA C, AT GRANT, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1946	13.00	16	13.00	13	14.00	14	15.00	16	16.00	15	16.00	12	17.00	14	18.00	12	24.00	18
1947	12.00	10	13.00	14	13.00	9	13.00	11	14.00	10	16.00	13	17.00	15	18.00	13	21.00	11
1948	16.00	20	16.00	19	17.00	20	17.00	19	17.00	19	18.00	18	20.00	19	22.00	20	30.00	20
1949	14.00	17	15.00	18	15.00	18	15.00	17	16.00	16	16.00	14	17.00	16	18.00	14	21.00	12
1950	10.00	4	10.00	4	11.00	3	13.00	12	15.00	11	16.00	15	16.00	11	17.00	7	23.00	16
1951	10.00	5	10.00	5	11.00	4	12.00	4	13.00	4	13.00	4	14.00	5	15.00	4	17.00	3
1952	12.00	11	13.00	15	13.00	10	13.00	5	14.00	5	15.00	7	16.00	12	17.00	8	22.00	13
1953	12.00	12	12.00	10	13.00	11	13.00	6	14.00	6	14.00	5	14.00	6	15.00	5	17.00	4
1954	13.00	13	14.00	16	14.00	15	15.00	18	16.00	17	17.00	16	17.00	13	18.00	15	20.00	8
1955	10.00	6	11.00	6	11.00	5	11.00	3	11.00	3	12.00	3	13.00	3	14.00	3	19.00	5
1956	13.00	14	13.00	11	14.00	16	14.00	13	14.00	7	15.00	8	16.00	7	17.00	9	22.00	14
1957	18.00	21	18.00	21	18.00	21	18.00	20	18.00	20	19.00	19	19.00	17	20.00	18	21.00	9
1958	20.00	23	20.00	22	20.00	22	20.00	23	20.00	21	21.00	20	22.00	20	25.00	21	32.00	21
1959	6.50	1	7.70	2	11.00	6	13.00	7	14.00	8	18.00	17	19.00	18	19.00	17	21.00	10
1960	11.00	9	12.00	7	12.00	7	14.00	14	15.00	12	15.00	9	16.00	8	18.00	16	26.00	19
1961	14.00	18	14.00	17	14.00	17	14.00	15	15.00	13	16.00	10	16.00	9	17.00	10	20.00	6
1962	16.00	19	17.00	20	17.00	19	19.00	21	24.00	23	25.00	23	26.00	23	26.00	22	38.00	23
1963	13.00	15	13.00	12	13.00	12	13.00	8	15.00	14	16.00	11	16.00	10	18.00	11	20.00	7

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
38	29	22	18	17	19	38	144	256	145	79	48
379	167	39	37	19	50	177	3300	10800	5570	1840	571
19	13	6.3	6.1	4.4	7.1	13	57	104	75	43	24
2.4	2.6	0.96	1.2	0.46	2.5	1.1	0.75	0.12	1.0	1.5	1.3
0.51	0.44	0.29	0.33	0.26	0.37	0.35	0.40	0.41	0.51	0.54	0.50
4.4	3.5	2.5	2.2	2.0	2.2	4.4	17	30	17	9.3	5.6

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.5	1.4	1.3	1.2	1.2	1.3	1.6	2.1	2.4	2.1	1.9	1.6
0.03	0.02	0.02	0.02	0.01	0.02	0.02	0.03	0.04	0.05	0.04	0.04
0.17	0.15	0.12	0.14	0.12	0.13	0.14	0.17	0.21	0.22	0.21	0.19
1.2	1.6	0.14	-0.03	-0.51	1.2	0.41	0.09	-0.89	0.02	0.61	0.68
0.11	0.10	0.09	0.11	0.10	0.11	0.09	0.08	0.09	0.10	0.11	0.12
7.8	7.3	6.7	6.3	6.2	6.4	7.9	11	12	11	9.4	8.3

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
71	390	20	0.54	0.28	0.162

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.8	0.02	0.12	-0.34	0.07	0.198

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NF SOUTH PLATTE R BELOW GENEVA C, AT GRANT, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1964				10	70	40	22	8	10	12	11	21	14	6	6			3	7	12	15	3	12	19	8	17	7	33							
1965					9	9	13	25	2	2	3	14	5	1	2	1	31	52	5	8	6	19	8	8	25	45	3	15	10	12	13	6	5	7	1
1966				28	1	31	36	40	2	11	14	14	2	1	1	27	17	9	8	10	12	9	10	6	27	47	2								
1967						1		3	4	4	3	7	7	8	4	34	71	23	1	4	8	4	14	20	51	87	6	1							
1968											4	7	4	13	78	25	36	40	4		4	8	12	11	16	37	22	43	2						
1969							1	4	6	1	10	7	3	12	11	11	26	53	36	16	13	8	23	3	3	13	12	55	30	8					
1970		1	2	1	6	18	38	31	11	10	35	8	10	19	25	10	15	4	2	1	4	5	1	6	9	14	6	5	5	15	19	10	14	5	
1971					2	7	28	23	18	32	24	17	23	19	29	18	13	1	4	3	5	2	3	4	15	11	5	18	21	20					
1972			4	6	23	15	24	24	30	14	29	28	24	11	8	8	6	2		2	5	3	4	4	1	4	1	15	12	15	39	5			
1973					1	20	36	29	13	24	37	45	28	10	4	5	11	8	3	3	7	4	10	10	16	11	9	12	2	2	3	2			
1974				1	12	51	40	39	25	27	11	4	5	2		1	3	14	12	3	6	5	5	14	3	20	5	11	7	10	29				
1975										1	13	20	15	8	16	36	88	29	7		2	4	11	11	5	15	8	19	12	10	19	10	6		

06706000 NORTH FORK SOUTH PLATTE RIVER BELOW GENEVA CREEK, AT GRANT, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NF SOUTH PLATTE R BELOW GENEVA C, AT GRANT, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4383	100.0	9	27.00	138	3429	78.2	18	81.0	89	1740	39.7	27	240	227	613	13.9
1	10.00	1	4383	100.0	10	30.00	194	3291	75.1	19	91.0	62	1651	37.7	28	280	101	386	8.8
2	11.00	6	4382	100.0	11	34.00	192	3097	70.7	20	100.0	87	1589	36.3	29	310	92	285	6.5
3	13.00	46	4376	99.8	12	39.00	140	2905	66.3	21	120.0	74	1502	34.3	30	350	122	193	4.4
4	14.00	124	4330	98.8	13	44.00	110	2765	63.1	22	130.0	113	1428	32.6	31	400	33	71	1.6
5	16.00	192	4206	96.0	14	49.00	184	2655	60.6	23	150.0	116	1315	30.0	32	450	25	38	.8
6	18.00	238	4014	91.6	15	56.00	176	2471	56.4	24	170.0	179	1199	27.4	33	510	12	13	.2
7	21.00	226	3776	86.2	16	63.00	317	2295	52.4	25	190.0	321	1020	23.3	34	580	1	1	
8	24.00	121	3550	81.0	17	71.00	238	1978	45.1	26	220.0	86	699	15.9					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NF SOUTH PLATTE R BELOW GENEVA C, AT GRANT, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1964	270.0	10	261.0	10	255.0	10	252.0	10	248.0	10	232.0	9	193.0	10	175.0	10	135.0	10
1965	633.0	1	593.0	1	567.0	1	500.0	1	430.0	2	379.0	2	324.0	3	291.0	2	224.0	1
1966	222.0	12	220.0	12	214.0	12	210.0	12	202.0	12	196.0	12	185.0	12	167.0	11	129.0	11
1967	243.0	11	234.0	11	215.0	11	212.0	11	209.0	11	205.0	11	191.0	11	189.0	9	179.0	6
1968	282.0	9	277.0	9	274.0	9	267.0	9	257.0	9	246.0	8	238.0	8	225.0	7	175.0	8
1969	326.0	7	320.0	8	314.0	8	285.0	8	271.0	8	267.0	6	263.0	6	247.0	5	207.0	4
1970	578.0	2	570.0	2	552.0	2	498.0	2	436.0	1	411.0	1	341.0	1	308.0	1	216.0	2
1971	326.0	8	326.0	7	320.0	7	317.0	6	299.0	6	262.0	7	256.0	7	220.0	8	160.0	9
1972	435.0	4	407.0	4	390.0	4	378.0	4	357.0	3	341.0	3	328.0	2	275.0	4	195.0	5
1973	405.0	5	392.0	5	377.0	5	314.0	7	271.0	7	229.0	10	199.0	9	167.0	12	120.0	12
1974	380.0	6	377.0	6	370.0	6	367.0	5	340.0	4	327.0	4	281.0	5	246.0	6	178.0	7
1975	485.0	3	483.0	3	456.0	3	411.0	3	332.0	5	302.0	5	299.0	4	278.0	3	210.0	3

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NF SOUTH PLATTE R BELOW GENEVA C, AT GRANT, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1965	14.00	5	14.00	5	14.00	4	15.00	4	17.00	4	24.00	7	39.00	7	47.00	7	71.00	11
1966	13.00	4	13.00	3	13.00	1	13.00	1	13.00	1	15.00	1	16.00	1	17.00	1	28.00	4
1967	15.00	6	18.00	9	19.00	9	21.00	9	27.00	9	47.00	9	54.00	8	56.00	9	69.00	8
1968	31.00	11	35.00	11	43.00	11	45.00	11	48.00	11	54.00	10	55.00	9	55.00	8	70.00	9
1969	20.00	10	21.00	10	23.00	10	25.00	10	30.00	10	40.00	8	63.00	11	67.00	11	70.00	10
1970	10.00	1	11.00	1	13.00	2	15.00	5	17.00	5	18.00	4	20.00	4	23.00	4	31.00	5
1971	15.00	7	16.00	6	17.00	7	18.00	8	19.00	7	20.00	6	22.00	5	24.00	5	32.00	6
1972	11.00	2	12.00	2	13.00	3	14.00	2	14.00	2	16.00	2	18.00	3	19.00	3	24.00	2
1973	15.00	8	16.00	7	17.00	8	17.00	6	17.00	6	19.00	5	23.00	6	27.00	6	28.00	3
1974	13.00	3	14.00	4	15.00	5	15.00	3	16.00	3	16.00	3	17.00	2	18.00	2	22.00	1
1975	16.00	9	16.00	8	17.00	6	17.00	7	22.00	8	55.00	11	58.00	10	59.00	10	61.00	7

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
63	47	45	39	33	37	63	156	249	243	237	108
996	923	661	622	538	759	2610	4930	8350	5470	3560	3640
32	30	26	25	23	28	51	70	91	74	60	60
0.90	2.5	0.76	0.45	0.78	1.3	1.2	1.2	0.29	-0.06	-1.3	0.72
0.51	0.65	0.57	0.63	0.71	0.74	0.81	0.45	0.37	0.30	0.25	0.56
4.7	3.5	3.4	3.0	2.5	2.8	4.8	12	19	18	18	8.2

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.7	1.6	1.6	1.5	1.4	1.5	1.7	2.2	2.4	2.4	2.4	2.0
0.04	0.04	0.06	0.08	0.09	0.08	0.11	0.03	0.03	0.02	0.02	0.06
0.21	0.21	0.25	0.29	0.29	0.28	0.32	0.18	0.17	0.14	0.15	0.24
0.39	1.4	0.18	0.20	0.57	0.86	0.63	0.64	-0.52	-0.58	-2.5	0.25
0.12	0.13	0.16	0.19	0.21	0.19	0.19	0.08	0.07	0.06	0.06	0.12
7.9	7.3	7.1	6.8	6.4	6.6	7.5	9.7	11	11	11	8.9

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
110	635	25	-0.17	0.23	-0.324

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.0	0.01	0.10	-0.42	0.05	-0.316

06706500 NORTH FORK SOUTH PLATTE RIVER AT PINE, COLO.

LOCATION.--Lat 39°24'23", long 105°18'55", in SE¼SE¼ sec.27, T.7 S., R.71 W., Jefferson County, 600 ft (183 m) downstream from Elk Creek and 0.5 mi (0.8 km) east of Pine.

DRAINAGE AREA.--374 mi² (969 km²).

REMARKS.--Small diversions above station for irrigation.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH FORK SOUTH PLATTE RIVER AT PINE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1943								3	21	42	50	46	20	23	24	13	7	6	16	11	10	12	9	7	8	21	9	5		2					
1944		1	3	9	37	21	30	34	1	17	56	15	14	11	7	5	5	8	7	3	2	1	6	6	10	6	3	14	12	12	3	5	1	1	
1945		2	5	10	24	3	13	25	39	42	31	5	5	1	2	1	3	1	7	9	10	23	22	20	10	10	10	6	8	3	3	5	3	2	2
1946							1	21	44	31	22	23	28	16	13	26	9	29	27	37	11	8	6	5	5	3									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1461	100.0	9	39.00	132	1114	76.2	18	110.0	57	457	31.3	27	330	25	87	5.9
1	15.00	3	1461	100.0	10	44.00	159	982	67.2	19	130.0	60	400	27.4	28	380	20	62	4.2
2	17.00	8	1458	99.8	11	50.00	89	823	56.3	20	150.0	33	340	23.3	29	420	17	42	2.8
3	19.00	14	1450	99.2	12	56.00	67	734	50.2	21	160.0	44	307	21.0	30	480	6	25	1.7
4	21.00	61	1431	97.9	13	63.00	51	667	45.7	22	180.0	43	263	18.0	31	540	10	19	1.3
5	24.00	24	1370	93.8	14	71.00	46	616	42.2	23	210.0	38	220	15.1	32	610	4	9	.6
6	27.00	44	1346	92.1	15	80.00	45	570	39.0	24	230.0	33	182	12.5	33	690	3	5	.3
7	31.00	83	1302	89.1	16	90.00	24	525	35.9	25	260.0	40	149	10.2	34	770	2	2	.1
8	35.00	105	1219	83.4	17	100.00	44	501	34.3	26	300.0	22	109	7.5					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH FORK SOUTH PLATTE RIVER AT PINE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1943	455.0	3	370.0	3	342.0	3	327.0	3	307.0	3	266.0	3	235.0	3	205.0	3	156.0	3
1944	714.0	2	621.0	2	568.0	2	528.0	2	468.0	2	401.0	1	330.0	1	270.0	2	194.0	2
1945	880.0	1	759.0	1	684.0	1	596.0	1	506.0	1	370.0	2	328.0	2	296.0	1	230.0	1
1946	268.0	4	258.0	4	247.0	4	235.0	4	196.0	4	169.0	4	153.0	4	142.0	4	117.0	4

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH FORK SOUTH PLATTE RIVER AT PINE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1944	15.00	1	17.00	2	19.00	2	21.00	2	22.00	2	22.00	1	24.00	1	26.00	1	32.00	1
1945	16.00	2	16.00	1	17.00	1	18.00	1	20.00	1	24.00	2	28.00	2	31.00	2	35.00	2
1946	28.00	3	30.00	3	33.00	3	35.00	3	35.00	3	36.00	3	37.00	3	39.00	3	56.00	3

06707000 NORTH FORK SOUTH PLATTE RIVER AT SOUTH PLATTE, COLO.

LOCATION.--Lat 39°24'32", long 105°10'31", in SE¼SW¼ sec.25, T.7 S., R.70 W., Jefferson County, on left bank 0.2 mi (0.3 km) west of South Platte and 0.3 mi (0.5 km) upstream from mouth.

DRAINAGE AREA.--479 mi² (1,241 km²).

REMARKS.--Small diversions above station for irrigation of about 2,000 acres (8.09 km²). Transmountain diversions from Colorado River Basin to North Fork South Platte River above station through Harold D. Roberts Tunnel since October 1963. Statistical summaries are shown for two periods, water years 1910, 1914-63, and water years 1964-75.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NF SOUTH PLATTE RIVER AT SOUTH PLATTE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1910											3	36	35	70	46	22	30	19	21	26	16	18	10	7	5			1							
1914										4	8	26	41	19	36	19	24	13	14	5	4	6	10	23	25	23	9	14	16	10	6	4	6		
1915											66	68	2	2	11	17	58	12	21	13	21	9	14	10	8	10	13	5	5						
1916									5	25	4	14	46	6	19	32	21	66	22	22	17	16	16	26	8	1									
1917						1	5			4	37	84	14	9	18	38	19	16	11	19	6	5	10	8	4	11	21	7	3	8	7				
1918							5	68	3	30	4	25	6	38	5	7	5	27	18	11	8	15	12	6	8	29	12	9	9	4	1				
1919											1101	17	6	5	42	18	22	10	13	11	26	18	28	10	4	22	10	1							
1920							1	45	1	33	3	35	9	17	13	24	11	22	12	6	17	15	14	22	5	15	19	9	15	2	1				

06707000 NORTH FORK SOUTH PLATTE RIVER AT SOUTH PLATTE, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND.
MEAN
NF SOUTH PLATTE RIVER AT SOUTH PLATTE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR																NUMBER OF DAYS IN CLASS																			
1921										12	21	6	61	18	17	6	10	41	5	6	5	18	9	10	11	16	28	28	16	6	3	2	4	6	
1922						2	4	1		3	2	34	40	14	17	39	19	30	27	33	30	14	14	10	14	14	4								
1923				1	1	1		1	2	62	14	28	11	22	30	15	8	10	4	7	7	13	15	12	17	25	26	18	4	9	2				
1924									1	1	7	19	36	17	47	24	18	26	8	29	37	15	10	3	12	17	17	4	1	4	8	5			
1925										5	56	52	28	27	41	38	27	60	19	9	3														
1926									29	37	1	6	30	10	20	24	22	37	4	10	13	13	17	8	22	16	17	5	6	6	10	2			
1927											79	3	42	26	31	17	12	17	25	23	16	21	20	25	8										
1928											31	3	37	83	21	28	8	13	5	7	14	11	25	17	5	9	10	1	7	4	21	6			
1929							59	31		8	14	34	47	5	12	8	2	16	23	20	17	20	23	16	1	2	2	3	2						
1930												31	31	82		17	3	32	22	30	22	17	20	24	21	6	5	2							
1931												61	87	17	21	16	24	43	11	8	11	9	17	17	6	11	4	2							
1932								1	3	41	3	111	29	27	19	11	11	24	3	8	7	12	31	22	2	1									
1933						28	62	2	7	8	39	12	14	23	17	8	15	13	5	18	10	4	9	9	10	15	6	6	6	8	9	2			
1934									1	3	72	6	58	46	43	26	18	33	15	12	8	16	8												
1935									6	86	58	37	21	11	11	13	9	12	5	5	13	18	13	24	8	7	3	5							
1936									35	89	6	10	25	23	4	5	5	7	8	12	9	18	21	11	10	25	32	9	2						
1937							12	5	17	28	19	14	29	20	24	29	20	45	11	10	24	25	18	8	4	1	2								
1938							6	9		36	35	38	31	34	3	2	2	7	6	6	8	12	21	20	16	15	16	26	11	5					
1939							1	7	6	13	17	34	28	16	30	32	19	22	17	27	23	18	12	9	22	12									
1940				1	9	12	26	4	9	42	21	35	41	36	22	22	21	25	10	21	9														
1941		2		1	1				18	29	15	46	29	20	13	22	16	20	11	9	21	13	14	5	15	20	10	10	4	1					
1942								3		1	4	26	43	49	19	13	17	50	17	7	1	12	10	16	8	3	5	5	9	31	11	5			
1943							2	7	6	4	14	34	54	35	46	31	14	35	4	12	7	17	21	14	6	2									
1944							3	17	43	33	40	53	20	6	7	9	20	18	2	12	6	8	7	4	11	17	20	7	2	1					
1945						2	7	26	8	19	54	37	31	14	4	4	3	6	8	41	25	20	11	13	6	5	10	6	2	2	1				
1946											25	49	32	39	29	15	25	56	36	37	10	7	5												
1947								3	2	17	40	42	16	39	29	14	4	19	3	3	12	10	19	16	19	28	16	5	6	3					
1948											11	26	42	39	19	42	18	46	10	16	8	12	12	13	9	9	6	11	9	8					
1949										27	42	53	41	26	21	10	4	7	11	21	5	7	9	7	12	12	9	12	6	3	3	7	6	2	2
1950							5	8	7	62	37	34	33	34	32	20	9	22	8	14	11	8	10	8	3										
1951								41	34	20	36	55	13	19	12	6	6	24	9	6	6	7	14	12	18	11	9	5							
1952							3	18	14	30	42	65	29	14	7	14	10	11	8	13	8	9	10	19	10	7	10	2	4	4	5				
1953					1	16	16	34	23	38	48	26	9	14	20	6	5	11	9	23	10	12	16	11	8	8	1								
1954				1		1	12	14	24	60	30	40	46	28	20	40	21	19	6	1	2														
1955						4	26	21	22	48	31	17	27	9	8	13	19	29	19	36	16	13	4	3											
1956								1	11	51	42	39	33	15	33	37	14	15	8	11	11	12	2	9	9	13									
1957					1	1		8	13	95	67	3	1	6	1		5	19	8	7	9	5	6	6	10	30	24	11	15	10	4				
1958							2	1		2	3	71	80	13	25	29	33	24	14	4	3	11	6	9	7	6	8	8	6						
1959				1	2	3	4	8	11	24	60	72	24	8	12	8	8	40	9	19	13	8	10	14	7										
1960									11	27	26	52	33	19	24	35	4	22	21	19	8	9	14	21	16	5									
1961								5	16	27	44	49	37	16	3	8	4	17	7	11	17	29	43	29	3										
1962											1	27	70	36	27	48	7	14	14	15	16	12	18	47	5	3	5								
1963							9	19	20	62	36	57	18	35	42	34	15	11	4	3															

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	18627	100.0	9	30.00	1242	17448	93.7	18	140.0	596	5965	32.0	27	610	248	715	3.8
1	8.00	2	18627	100.0	10	36.00	1298	16206	87.0	19	160.0	768	5369	28.8	28	710	166	467	2.5
2	9.40	0	18625	100.0	11	42.00	1883	14908	80.0	20	190.0	614	4601	24.7	29	840	140	301	1.6
3	11.00	5	18625	100.0	12	50.00	1709	13025	69.9	21	220.0	633	3987	21.4	30	1000	96	161	.8
4	13.00	15	18620	100.0	13	59.00	1244	11316	60.8	22	260.0	667	3354	18.0	31	1200	35	65	.3
5	16.00	71	18605	99.9	14	70.00	1034	10072	54.1	23	310.0	645	2687	14.4	32	1400	14	30	.1
6	18.00	270	18534	99.5	15	82.00	1074	9038	48.5	24	370.0	446	2042	11.0	33	1600	14	16	
7	22.00	408	18264	98.1	16	97.00	686	7964	42.8	25	430.0	469	1596	8.6	34	1900	2	2	
8	26.00	408	17856	95.9	17	110.00	1313	7278	39.1	26	510.0	412	1127	6.1					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NF SOUTH PLATTE RIVER AT SOUTH PLATTE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1910	790.0	24	460.0	37	431.0	37	384.0	36	300.0	43	236.0	43	205.0	43	189.0	43	151.0	43
1914	1860.0	2	1700.0	3	1560.0	3	1510.0	2	1250.0	1	990.0	1	838.0	1	769.0	1	597.0	1
1915	980.0	16	897.0	18	763.0	19	733.0	18	686.0	17	550.0	17	454.0	17	391.0	17	300.0	18
1916	442.0	40	416.0	39	377.0	41	345.0	41	335.0	39	303.0	37	268.0	37	249.0	36	203.0	33
1917	1140.0	10	1130.0	9	1080.0	9	996.0	9	826.0	10	667.0	9	537.0	11	444.0	12	324.0	15
1918	1030.0	13	993.0	13	898.0	14	825.0	14	693.0	16	601.0	14	517.0	13	441.0	14	332.0	11
1919	720.0	26	670.0	26	629.0	26	610.0	23	587.0	21	472.0	22	415.0	22	383.0	18	301.0	16
1920	1000.0	15	905.0	17	817.0	17	756.0	16	730.0	13	617.0	12	528.0	12	461.0	9	347.0	9
1921	1860.0	3	1800.0	2	1710.0	2	1490.0	3	1160.0	3	913.0	3	796.0	2	709.0	2	540.0	2
1922	596.0	32	530.0	32	492.0	31	467.0	30	446.0	26	364.0	27	313.0	29	285.0	27	229.0	25
1923	1060.0	12	1020.0	12	976.0	12	891.0	10	767.0	11	641.0	10	581.0	7	534.0	6	411.0	6
1924	1300.0	5	1250.0	6	1140.0	7	1120.0	5	874.0	8	676.0	8	552.0	8	460.0	10	332.0	12
1925	212.0	49	193.0	49	172.0	49	157.0	49	141.0	49	134.0	49	121.0	49	122.0	48	109.0	48
1926	1260.0	7	1190.0	7	1160.0	6	1060.0	7	916.0	6	712.0	5	609.0	6	525.0	7	391.0	8
1927	404.0	43	393.0	43	384.0	40	349.0	39	336.0	38	315.0	35	281.0	33	255.0	34	208.0	30
1928	1380.0	4	1320.0	4	1290.0	4	1180.0	4	1110.0	4	613.0	13	422.0	21	329.0	22	241.0	24
1929	760.0	25	709.0	24	632.0	25	494.0	28	399.0	31	325.0	33	270.0	35	255.0	35	206.0	31
1930	660.0	29	631.0	28	572.0	28	478.0	29	399.0	32	332.0	32	330.0	27	315.0	24	256.0	21

06707000 NORTH FORK SOUTH PLATTE RIVER AT SOUTH PLATTE, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NF SOUTH PLATTE RIVER AT SOUTH PLATTE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1931	630.0	30	589.0	29	516.0	30	500.0	27	443.0	27	372.0	26	311.0	30	265.0	30	201.0	34
1932	443.0	39	400.0	41	348.0	44	329.0	43	318.0	40	303.0	38	268.0	36	229.0	38	173.0	39
1933	1240.0	8	1190.0	8	1080.0	8	1050.0	8	905.0	7	689.0	7	545.0	9	450.0	11	328.0	14
1934	308.0	46	297.0	46	292.0	45	272.0	45	248.0	45	201.0	45	174.0	46	154.0	47	124.0	47
1935	676.0	28	664.0	27	624.0	27	534.0	26	442.0	28	362.0	28	324.0	28	280.0	29	206.0	32
1936	830.0	22	756.0	23	683.0	23	581.0	24	548.0	24	506.0	21	471.0	16	443.0	13	343.0	10
1937	599.0	31	533.0	31	445.0	36	349.0	40	309.0	42	283.0	40	256.0	40	225.0	39	174.0	38
1938	960.0	18	920.0	15	874.0	15	797.0	15	726.0	14	631.0	11	540.0	10	462.0	8	399.0	7
1939	487.0	38	470.0	35	461.0	33	449.0	33	414.0	30	360.0	29	302.0	31	258.0	32	196.0	36
1940	215.0	48	208.0	48	202.0	48	186.0	48	180.0	48	155.0	48	137.0	48	121.0	49	102.0	49
1941	916.0	20	842.0	20	741.0	21	633.0	22	610.0	19	525.0	19	440.0	18	379.0	19	290.0	19
1942	1270.0	6	1250.0	5	1180.0	5	1080.0	6	985.0	5	942.0	2	763.0	3	638.0	3	460.0	3
1943	501.0	36	446.0	38	402.0	38	371.0	37	341.0	36	302.0	39	256.0	41	221.0	40	170.0	40
1944	884.0	21	769.0	22	688.0	22	637.0	21	580.0	23	519.0	20	425.0	20	351.0	21	255.0	22
1945	1010.0	14	888.0	19	771.0	18	662.0	20	587.0	22	416.0	25	357.0	24	324.0	23	254.0	23
1946	302.0	47	267.0	47	249.0	47	240.0	47	205.0	47	183.0	46	169.0	47	162.0	46	136.0	45
1947	948.0	19	919.0	16	846.0	16	754.0	17	644.0	18	553.0	16	494.0	14	440.0	15	331.0	13
1948	978.0	17	975.0	14	922.0	13	847.0	13	766.0	12	594.0	15	485.0	15	407.0	16	300.0	17
1949	1980.0	1	1900.0	1	1720.0	1	1550.0	1	1220.0	2	888.0	4	717.0	4	587.0	4	419.0	4
1950	424.0	41	400.0	42	352.0	42	320.0	44	278.0	44	235.0	44	196.0	44	167.0	45	128.0	46
1951	704.0	27	697.0	25	653.0	24	570.0	25	495.0	25	435.0	24	364.0	23	306.0	25	225.0	26
1952	1170.0	9	1100.0	10	1030.0	10	888.0	11	713.0	15	538.0	18	438.0	19	367.0	20	265.0	20
1953	521.0	34	469.0	36	446.0	35	412.0	35	384.0	35	306.0	36	274.0	34	236.0	37	175.0	37
1954	208.0	50	188.0	50	168.0	50	147.0	50	125.0	50	109.0	50	104.0	50	96.0	50	78.0	50
1955	364.0	45	308.0	45	256.0	46	244.0	46	231.0	46	182.0	47	174.0	45	174.0	44	142.0	44
1956	507.0	35	500.0	33	474.0	32	463.0	31	417.0	29	319.0	34	259.0	38	218.0	41	161.0	41
1957	1120.0	11	1060.0	11	980.0	11	868.0	12	837.0	9	702.0	6	637.0	5	566.0	5	415.0	5
1958	790.0	23	788.0	21	762.0	20	688.0	19	601.0	20	451.0	23	350.0	25	288.0	26	213.0	28
1959	416.0	42	403.0	40	386.0	39	370.0	38	338.0	37	272.0	42	231.0	42	204.0	42	157.0	42
1960	493.0	37	484.0	34	459.0	34	429.0	34	398.0	33	347.0	31	293.0	32	256.0	33	198.0	35
1961	390.0	44	378.0	44	352.0	43	332.0	42	317.0	41	276.0	41	259.0	39	262.0	31	221.0	27
1962	570.0	33	562.0	30	526.0	29	451.0	32	386.0	34	358.0	30	330.0	26	284.0	28	210.0	29
1963	179.0	51	160.0	51	142.0	51	122.0	51	112.0	51	100.0	51	88.0	51	86.0	51	78.0	51

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NF SOUTH PLATTE RIVER AT SOUTH PLATTE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1915	42.00	49	42.00	47	45.00	47	45.00	46	45.00	44	45.00	41	46.00	38	47.00	34	66.00	38
1916	27.00	33	27.00	28	29.00	30	35.00	33	40.00	35	44.00	37	48.00	40	56.00	44	72.00	40
1917	17.00	9	20.00	13	22.00	15	31.00	27	40.00	36	42.00	34	42.00	33	43.00	30	53.00	28
1918	18.00	14	20.00	14	21.00	12	22.00	12	22.00	7	23.00	5	26.00	6	29.00	6	40.00	14
1919	39.00	44	42.00	48	42.00	45	43.00	45	44.00	42	45.00	38	45.00	34	47.00	35	62.00	34
1920	21.00	24	23.00	22	24.00	19	24.00	16	25.00	12	27.00	12	31.00	11	35.00	17	54.00	29
1921	28.00	37	35.00	40	35.00	36	37.00	34	41.00	37	46.00	42	46.00	35	53.00	39	74.00	43
1922	17.00	10	17.00	7	21.00	13	41.00	40	47.00	46	48.00	44	50.00	41	58.00	46	79.00	45
1923	12.00	3	20.00	15	32.00	33	34.00	32	34.00	27	35.00	24	37.00	23	40.00	22	51.00	24
1924	27.00	34	34.00	38	41.00	43	42.00	41	44.00	43	47.00	43	54.00	46	66.00	49	104.00	48
1925	34.00	41	34.00	39	36.00	37	38.00	35	39.00	31	40.00	33	40.00	26	42.00	28	52.00	25
1926	28.00	38	28.00	32	28.00	26	28.00	18	28.00	17	29.00	13	35.00	20	43.00	29	65.00	37
1927	37.00	42	37.00	42	37.00	39	38.00	36	39.00	32	39.00	31	41.00	31	44.00	31	52.00	26
1928	39.00	45	39.00	44	39.00	40	39.00	37	39.00	33	45.00	39	51.00	43	53.00	40	208.00	49
1929	20.00	20	20.00	16	20.00	8	20.00	5	20.00	5	20.00	3	22.00	2	26.00	3	34.00	5
1930	42.00	46	42.00	45	45.00	48	47.00	48	47.00	47	54.00	48	53.00	44	54.00	42	73.00	42
1931	42.00	47	42.00	46	42.00	46	42.00	42	42.00	38	44.00	35	46.00	36	48.00	36	62.00	35
1932	25.00	29	29.00	35	32.00	34	32.00	28	32.00	24	38.00	28	40.00	27	41.00	25	44.00	18
1933	17.00	11	17.00	8	17.00	3	17.00	3	17.00	2	19.00	1	18.00	1	22.00	1	34.00	6
1934	27.00	35	30.00	36	36.00	38	39.00	38	40.00	34	40.00	32	42.00	32	46.00	32	56.00	31
1935	26.00	31	27.00	29	28.00	27	29.00	23	31.00	22	32.00	20	33.00	16	34.00	15	37.00	10
1936	28.00	36	28.00	33	28.00	28	28.00	19	28.00	18	30.00	16	31.00	12	32.00	10	40.00	15
1937	20.00	21	20.00	17	20.00	9	21.00	9	25.00	13	29.00	14	35.00	17	40.00	23	63.00	36
1938	20.00	22	20.00	18	26.00	23	29.00	24	32.00	25	35.00	25	37.00	24	38.00	20	45.00	19
1939	20.00	23	23.00	23	27.00	24	30.00	25	33.00	26	38.00	29	50.00	42	58.00	47	95.00	47
1940	12.00	4	13.00	3	14.00	1	15.00	1	16.00	1	20.00	2	23.00	3	28.00	4	34.00	7
1941	8.00	1	11.00	1	25.00	21	28.00	20	31.00	23	34.00	22	40.00	28	41.00	24	49.00	22
1942	22.00	25	23.00	24	41.00	44	46.00	47	48.00	48	52.00	46	54.00	47	56.00	43	72.00	41
1943	19.00	15	23.00	25	24.00	20	32.00	29	42.00	39	52.00	47	55.00	48	53.00	41	59.00	32
1944	19.00	16	20.00	19	22.00	14	23.00	13	25.00	14	26.00	9	29.00	9	30.00	7	36.00	9
1945	17.00	12	17.00	9	18.00	4	20.00	6	22.00	6	27.00	10	31.00	13	33.00	13	41.00	16
1946	32.00	40	36.00	41	40.00	41	41.00	39	42.00	40	44.00	36	46.00	37	49.00	38	69.00	39
1947	22.00	26	29.00	34	31.00	32	34.00	30	37.00	30	38.00	30	40.00	29	46.00	33	54.00	30
1948	38.00	43	38.00	43	40.00	42	43.00	43	46.00	45	50.00	45	53.00	45	57.00	45	76.00	44
1949	30.00	39	31.00	37	34.00	35	34.00	31	35.00	28	37.00	26	40.00	30	42.00	26	47.00	21
1950	18.00	13	18.00	10	20.00	10	22.00	10	26.00	15	29.00	15	31.00	14	33.00	14	46.00	20
1951	23.00	27	23.00	26	23.00	16	23.00	14	24.00	9	25.00	7	27.00	7	30.00	8	35.00	8
1952	19.00	17	21.00	20	23.00	17	23.00	15	26.00	16	32.00	17	36.00	21	35.00	16	39.00	13
1953	15.00	7	16.00	4	16.00	2	17.00	2	18.00	3	22.00	4	24.00	4	26.00	2	30.00	1
1954	12.00	5	16.00	5	18.00	5	20.00	7	23.00	8	27.00	11	30.00	10	32.00	11	38.00	11
1955	16.00	8	17.00	6	18.00	6	18.00	4	20.00	4	24.00	6	25.00	5	28.00	5	34.00	2

06707000 NORTH FORK SOUTH PLATTE RIVER AT SOUTH PLATTE, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NF SOUTH PLATTE RIVER AT SOUTH PLATTE, CO.

YEAR	1	3	7	14	30	60	90	120	183
1956	25.00 30	27.00 30	27.00 25	28.00 21	30.00 19	35.00 23	37.00 22	39.00 21	51.00 23
1957	13.00 6	18.00 11	24.00 18	28.00 22	30.00 20	32.00 18	32.00 15	33.00 12	34.00 3
1958	19.00 18	21.00 21	30.00 31	43.00 44	43.00 41	45.00 40	47.00 39	48.00 37	61.00 33
1959	11.00 2	13.00 2	20.00 7	22.00 11	25.00 10	32.00 19	35.00 18	36.00 18	39.00 12
1960	27.00 32	28.00 31	29.00 29	30.00 26	35.00 29	38.00 27	39.00 25	42.00 27	52.00 27
1961	24.00 28	25.00 27	26.00 22	27.00 17	30.00 21	33.00 21	35.00 19	38.00 19	42.00 17
1962	42.00 48	44.00 49	47.00 49	52.00 49	54.00 49	58.00 49	58.00 49	60.00 48	87.00 46
1963	20.00 19	20.00 12	21.00 11	21.00 8	25.00 11	26.00 8	29.00 8	30.00 9	34.00 4

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
112	64	46	40	40	50	122	361	469	257	199	119
22500	654	277	178	149	212	6490	44000	66700	16300	16700	5980
150	26	17	13	12	15	81	210	258	128	129	77
6.0	1.0	0.96	0.78	0.33	1.0	2.5	1.3	0.83	0.97	1.4	2.0
1.3	0.40	0.36	0.34	0.30	0.29	0.66	0.58	0.55	0.50	0.65	0.65
6.0	3.4	2.5	2.1	2.1	2.7	6.5	19	25	14	11	6.3

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.9	1.8	1.6	1.6	1.6	1.7	2.0	2.5	2.6	2.4	2.2	2.0
0.07	0.03	0.02	0.02	0.02	0.01	0.05	0.06	0.07	0.05	0.07	0.06
0.26	0.17	0.16	0.15	0.14	0.12	0.22	0.25	0.26	0.22	0.26	0.24
1.7	0.24	-0.16	-0.08	-0.42	0.36	0.86	-0.16	-0.49	-0.15	0.35	0.47
0.14	0.09	0.10	0.09	0.09	0.07	0.11	0.10	0.10	0.09	0.11	0.12
8.1	7.4	6.8	6.6	6.6	7.0	8.5	10	11	9.9	9.3	8.4

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
157	3740	61	0.79	0.39	0.011

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.2	0.03	0.17	-0.27	0.08	0.050

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NF SOUTH PLATTE RIVER AT SOUTH PLATTE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1964							102		33	2	7	19	22	14	7	10	22	16	4	5	27	45	25	4	2										
1965							31			29	3	18	5	3	35	37		13	8	10	33	10	15	12	15	19	15	14	14	6	8	7	5		
1966								1	31	34	23	42	13	10	13	15	18	33	29	20	5	11	19	32	13	3									
1967									3	3	3	3	37	48	46	4	14	9	6	12	8	24	40	55	37	11	2								
1968													2	3	46	72	29	44	15	2	3	21	20	33	32	32	11	1							
1969										1	1	3	7	9	14	89	24	32	36	10		3	3	4	7	14	33	10	15	9	9	19	10	3	
1970										1	6	25	9	10	15	40	8	23	30	15	12	21	31	5	8	16	12	12	5	8	10	12	22	9	
1971									1	3	9	19	7	27	41	17	15	55	24	21	8	1	11	18	12	25	48	3							
1972							1	2	1	12	19	55	22	31	31	40	18	15	8	4	7	5	2	2	9	5	19	44	12	2					
1973										9	13	53	37	32	49	12	10	9	8	8	8	12	5	8	13	5	8	6	6	3	16	9	11	11	1	3
1974		1	1		1	2		1	1	4	38	38	19	43	31	25	20	1	2	7	6	12	26	19	22	29	14	2							
1975													2	15	52	74	57	17	10	10	3	5	6	14	7	13	9	16	23	27	5				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4383	100.0	9	42.00	109	4107	93.7	18	150.0	116	1765	40.3	27	500	77	316	7.2
1	14.00	1	4383	100.0	10	48.00	248	3998	91.2	19	170.0	76	1649	37.6	28	580	63	239	5.4
2	16.00	1	4382	100.0	11	56.00	211	3750	85.6	20	190.0	169	1573	35.9	29	660	46	176	4.0
3	18.00	0	4381	100.0	12	64.00	231	3539	80.7	21	220.0	204	1404	32.0	30	760	48	130	2.9
4	21.00	1	4381	100.0	13	73.00	367	3308	75.5	22	250.0	237	1200	27.4	31	870	50	82	1.8
5	24.00	3	4380	99.9	14	84.00	436	2941	67.1	23	290.0	173	963	22.0	32	1000	28	32	.7
6	28.00	136	4377	99.9	15	96.00	265	2505	57.2	24	330.0	163	790	18.0	33	1200	1	4	
7	32.00	37	4241	96.8	16	110.00	279	2240	51.1	25	380.0	190	627	14.3	34	1300	3	3	
8	37.00	97	4204	95.9	17	130.00	196	1961	44.7	26	440.0	121	437	10.0					

06707000 NORTH FORK SOUTH PLATTE RIVER AT SOUTH PLATTE, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NF SOUTH PLATTE RIVER AT SOUTH PLATTE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1964	362.0	11	312.0	12	292.0	12	266.0	12	256.0	12	244.0	12	215.0	12	215.0	12	183.0	11
1965	1140.0	3	1100.0	2	1040.0	2	909.0	3	736.0	4	670.0	4	603.0	4	532.0	4	412.0	4
1966	344.0	12	318.0	11	307.0	11	299.0	11	287.0	11	270.0	11	245.0	11	219.0	11	175.0	12
1967	395.0	10	363.0	10	343.0	10	331.0	10	321.0	10	301.0	10	285.0	10	279.0	10	254.0	9
1968	445.0	9	425.0	9	410.0	9	367.0	9	338.0	9	333.0	9	330.0	9	311.0	9	253.0	10
1969	1190.0	2	1020.0	4	954.0	4	838.0	4	795.0	3	751.0	3	647.0	3	582.0	3	446.0	2
1970	1090.0	4	1050.0	3	1030.0	3	971.0	2	916.0	2	849.0	2	701.0	1	621.0	1	462.0	1
1971	480.0	8	434.0	8	414.0	8	400.0	8	386.0	8	367.0	8	365.0	8	344.0	8	268.0	8
1972	636.0	6	602.0	6	564.0	6	518.0	6	474.0	6	467.0	6	446.0	6	381.0	6	280.0	6
1973	1390.0	1	1330.0	1	1190.0	1	1070.0	1	971.0	1	858.0	1	698.0	2	582.0	2	420.0	3
1974	553.0	7	497.0	7	472.0	7	458.0	7	415.0	7	408.0	7	372.0	7	350.0	7	276.0	7
1975	695.0	5	685.0	5	654.0	5	611.0	5	584.0	5	534.0	5	506.0	5	454.0	5	344.0	5

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NF SOUTH PLATTE RIVER AT SOUTH PLATTE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1965	30.00	3	30.00	2	30.00	2	30.00	1	30.00	1	37.00	1	54.00	4	66.00	5	88.00	6
1966	31.00	4	32.00	3	36.00	3	36.00	2	36.00	2	37.00	2	39.00	1	41.00	1	64.00	2
1967	33.00	5	35.00	5	38.00	5	47.00	7	54.00	8	59.00	6	63.00	6	66.00	6	84.00	5
1968	59.00	10	64.00	11	73.00	11	75.00	10	79.00	10	81.00	10	82.00	9	84.00	9	107.00	10
1969	40.00	8	46.00	9	52.00	9	56.00	9	66.00	9	78.00	9	92.00	11	92.00	11	93.00	9
1970	40.00	9	43.00	8	46.00	8	48.00	8	52.00	6	61.00	7	71.00	8	78.00	8	115.00	11
1971	35.00	6	41.00	7	44.00	7	45.00	6	53.00	7	61.00	8	65.00	7	71.00	7	92.00	7
1972	25.00	2	32.00	4	37.00	4	42.00	4	46.00	3	50.00	3	50.00	2	52.00	2	64.00	3
1973	37.00	7	40.00	6	40.00	6	43.00	5	47.00	4	52.00	5	56.00	5	59.00	4	62.00	1
1974	14.00	1	18.00	1	25.00	1	39.00	3	48.00	5	51.00	4	54.00	3	57.00	3	68.00	4
1975	62.00	11	63.00	10	71.00	10	77.00	11	80.00	11	85.00	11	87.00	10	87.00	10	93.00	8

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
119	91	73	68	60	72	131	369	479	377	351	172
1540	1520	586	466	440	898	1900	61700	63800	14200	7830	3770
39	39	24	22	21	30	44	248	253	119	88	61
0.54	1.4	-0.14	-0.44	0.17	0.39	0.31	1.1	0.35	-0.52	1.2	0.76
0.33	0.43	0.33	0.32	0.35	0.42	0.33	0.67	0.53	0.32	0.25	0.36
5.1	3.9	3.1	2.9	2.6	3.1	5.5	16	20	16	15	7.3

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.1	1.9	1.8	1.8	1.8	1.8	2.1	2.5	2.6	2.6	2.5	2.2
0.02	0.03	0.03	0.03	0.03	0.04	0.02	0.07	0.07	0.03	0.01	0.02
0.14	0.17	0.17	0.16	0.16	0.19	0.15	0.27	0.26	0.16	0.11	0.15
0.14	0.64	-1.1	-0.84	-0.34	-0.34	-0.43	0.49	-0.42	-0.99	0.16	0.41
0.07	0.09	0.09	0.09	0.09	0.11	0.07	0.11	0.10	0.06	0.04	0.07
8.0	7.5	7.1	7.0	6.8	7.1	8.1	9.7	10	9.9	9.9	8.6

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
198	3190	57	0.13	0.29	-0.142

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.3	0.02	0.13	-0.38	0.06	-0.193

06707500 SOUTH PLATTE RIVER AT SOUTH PLATTE, COLO.

LOCATION.--Lat 39°24'33", long 105°10'10", in SW¼SE¼ sec.25, T.7 S., R.70 W., Jefferson County, on left bank at South Platte, 200 ft (61 m) downstream from bridge on State Highway 75 and 400 ft (120 m) downstream from North Fork.

DRAINAGE AREA.--2,579 mi^2 (6,680 km^2).

REMARKS.--Natural flow of stream affected by transmountain diversions through Boreas Pass ditch and Harold D. Roberts tunnel (since October 1963), Elevenmile Canyon Reservoir (capacity, 97,780 acre-ft or 121 hm^3) and Cheesman Lake (capacity, 79,060 acre-ft or 97.5 hm^3), diversions above station for irrigation of about 45,000 acres (182 km^2), and return flow from irrigated areas. Statistical summaries are shown for two periods, water years 1902-63, and water years 1964-75.

06707500 SOUTH PLATTE RIVER AT SOUTH PLATTE, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT SOUTH PLATTE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR															NUMBER OF DAYS IN CLASS																				
1902					1					7	46	61	44	104	50	20	3	13	6	3	4	1	2												
1903								2	31	10	57	5	3	10	24	27	20	18	32	19	8	5	4	4	1	4	3	2	4						
1904								6	1	82	12	11	18	27	23	10	8	21	11	21	33	29	29	9	9	5		1							
1905						1	1	13	26	70	3	4	35	3	1	7	6	20	33	39	26	13	4	5	2	4	15	20	10	4					
1906											59	31			11	30	50	2	12	26	38	17	23	26	25	9	6							
1907														4	48	11	51	15	30	27	25	21	49	16	11	13	14	25	3	2					
1908										1	6	71	32	5	16	45	47	69	30	28	9	5	1	1											
1909										28	66	22	33	8	9	19	18	13	3	8	4	12	19	17	7	24	18	13	7	3	12	2			
1910														1	7	35	78	28	28	32	40	23	65	18	6	4									
1911											17	38	38	37	28	32	25	22	24	16	19	26	18	4	9	2	10								
1912										2	15	64	48	68	7	4	8	10	5	14	10	15	10	19	12	9	16	14	12	4					
1913												30	33	37	41	5	16	16	16	10	13	36	49	28	10	17	6	2							
1914													3	16	33	37	30	25	14	14	7	10	10	12	16	11	23	25	15	24	22	18			
1915											2	4		20	35	72	11	8	8	21	18	29	24	30	23	31	24	5							
1916						1	1			3	5	7	3	38	39	29	18	46	21	16	25	27	32	31	11	13									
1917											1	1	2	68	111	11	18	20	4	2	8	6	8	19	18	24	17	15	11	1					
1918										2	13	18	22	80	43	12	3	13	11	13	7	12	17	26	31	12	12	10	5	2	1				
1919													31	6	96	15	12	21	5	10	11	11	18	20	38	25	26	17	3						
1920										1	2	7	9	55	82	35	6	5	4	11	8	6	15	21	48	27	15	9							
1921										3	4	4	4	107	20	13	6	24	8	4	13	3	7	7	9	14	39	30	13	12	7	2	1	7	2	2
1922												2	6	6	32	66	34	23	14	24	27	25	32	31	17	15	9	2							
1923												1	1	81	46	29	7	14	3	12	12	9	10	20	29	31	18	15							
1924														7	34	31	36	24	19	24	14	25	39	26	28	33	4	4	12	6					
1925													5	30	52	81	11	26	25	35	46	39	11	4											
1926											57	28	8	24	32	26	6	12	11	17	7	11	16	38	25	11	5	6	9	14	2				
1927												19	31	32	42	43	22	26	12	27	12	28	41	13	10	6	1								
1928											31			72	40	25	19	29	23	19	11	15	30	16	14	10	2	2	8						
1929									1	3	3	35	63	40	22	18	19	19	3	10	37	16	15	18	21	7	6	2	5	2					
1930														62	59	35	3	10	15	23	29	15	31	31	18	15	7	8	3	1					
1931													31	69	42	18	26	25	12	20	28	19	22	23	17	12	1								
1932		1	1		1		1	2	17	29	29	17	43	27	10	23	30	20	20	16	21	29	21	7	1										
1933					5	4	13	31	25	18	12	1	13	14	31	30	17	19	12	18	16	16	8	14	10	14	19	5							
1934											72	4	33	33	41	22	37	41	32	22	17	5	6												
1935										28	82	6	23	24	15	26	21	7	18	9	20	34	26	13	7	2	2	2							
1936					2	3	8	19	46	24	27	5	2	22	11	7	19	6	17	23	12	20	21	20	20	17	10	5							
1937								11	7	26	40	21	16	36	26	13	18	22	35	33	29	22	6	3	1										
1938							2	1	20	36	51	16	19	13	10	10	15	2	7	15	17	25	47	26	18	6	9								
1939									3	8	23	19	10	23	41	31	32	18	37	29	25	28	16	15	7										
1940						2	20	26	23	26	7	11	21	42	41	44	41	16	19	9	12	5	1												
1941										2	41	46	41	35	22	6	3	9	9	15	21	17	27	15	24	20	10	2							
1942											2	20	40	49	14	15	10	11	16	14	14	12	18	17	8	14	6	11	8	29	13	2	16	6	
1943												1	5	45	44	63	34	33	9	30	40	39	14	8											
1944							1	7	15	37	26	36	26	14	31	17	25	13	15	21	14	10	16	10	8	15	9								
1945							1	1	7	22	34	39	37	41	24	1	12	16	33	24	18	12	4	5	2	10	7	8	7						
1946													44	63	37	27	44	28	47	31	19	11	6	8											
1947										1	3	11	11	41	48	56	15	12	15	9	8	9	20	28	21	14	19	17	1	4	2				
1948											2	5	5	30	25	10	18	60	25	26	30	24	13	12	12	4	11	31	15	5	3				
1949													2	20	91	26	20	57	12	10	11	12	17	9	16	5	3	11	14	8	6	5	6	4	
1950											7	11	15	44	60	3	47	41	35	49	23	14	10	6											
1951							1	1	1	9	16	14	44	54	55	43	16	10	7	10	19	28	30	7											
1952								2	1	5	27	78	36	36	18	13	16	13	6	20	20	13	35	18	5	4									
1953								5	3	14	49	60	32	14	12	29	36	6	4	19	12	25	22	16	3	4									
1954											3	38	41	52	9	15	15	62	30	46	28	15	11												
1955						2	9	7	9	31	65	15	6	16	10	32	51	20	26	18	21	20	2	1	4										
1956									1	25	40	52	18	30	32	35	30	14	8	21	16	17	12	4	6	3	2								
1957								3	14	36	53	37	22	16	5	13	10	13	7	7	9	7	19	9	21	31	23	10							
1958											10	44	12	16	37	20	23	63	29	14	19	16	15	9	3	10	6	10	6	3					
1959						4	2	11	56	41	29	14	9	21	28	24	16	20	32	16	11	12	10	4	4	1									
1960					1	2	10	13	32	39	20	14	25	19	4	13	26	24	18	22	18	33	31	2											
1961							1	7	35	30	17	6	38	26	12	32	14	9	28	47	18	17	14	9	4	1									
1962											2	1	1	6	44	41	12	32	47	36	26	27	31	29	16	12	2								
1963										9	28	33	45	32	22	11	11	25	47	41	41	18	2												

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	22645	100.0	9	60.00	1067	21616	95.5	18	310.0	1267	8445	37.3	27	1600	182	454	2.0
1	14.00	1	22645	100.0	10	72.00	1312	20549	90.7	19	370.0	1248	7178	31.7	28	1900	131	272	1.2
2	17.00	1	22644	100.0	11	86.00	1154	19237	85.0	20	450.0	1089	5930	26.2	29	2300	68	141	.6
3	20.00	1	22643	100.0	12	100.00	1938	18083	79.9	21	530.0	1217	4841	21.4	30	2800	29	73	.3
4	24.00	10	22642	100.0	13	120.00	2207	16145	71.3	22	640.0	988	3624	16.0	31	3300	23	44	.1
5	29.00	19	22632	99.9	14	150.00	1623	13938	61.6	23	770.0	764	2636	11.6	32	4000	17	21	
6	35.00	94	22613	99.9	15	180.00	1297	12315	54.4	24	920.0	590	1872	8.3	33	4800	2	4	
7	42.00	190	22519	99.4	16	210.00	1521	11018	48.7	25	1100.0	453	1282	5.7	34	5700	2	2	
8	50.00	713	22329	98.6	17	260.00	1052	9497	41.9	26	1300.0	375	829	3.7					

06707500 SOUTH PLATTE RIVER AT SOUTH PLATTE, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT SOUTH PLATTE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1902	593.0	61	491.0	62	437.0	62	361.0	62	260.0	62	225.0	62	192.0	62	174.0	62	143.0	62
1903	1680.0	22	1650.0	21	1530.0	22	1260.0	26	900.0	33	609.0	46	480.0	50	421.0	52	333.0	55
1904	1310.0	34	1020.0	45	939.0	45	742.0	47	673.0	47	550.0	50	545.0	46	538.0	41	439.0	40
1905	2130.0	13	2060.0	12	1950.0	11	1770.0	10	1600.0	10	1350.0	8	1050.0	15	874.0	20	661.0	22
1906	1230.0	37	1210.0	34	1170.0	31	1000.0	34	906.0	32	823.0	32	739.0	32	657.0	33	571.0	28
1907	2170.0	12	1920.0	16	1590.0	19	1470.0	18	1390.0	16	1230.0	13	1070.0	12	951.0	14	734.0	13
1908	740.0	55	517.0	61	482.0	61	410.0	61	395.0	60	338.0	61	311.0	61	292.0	61	253.0	61
1909	2900.0	5	2820.0	5	2640.0	5	2470.0	5	1900.0	6	1410.0	7	1240.0	6	1200.0	5	898.0	5
1910	1040.0	47	1030.0	44	957.0	43	842.0	41	673.0	48	568.0	48	526.0	47	500.0	47	447.0	39
1911	1200.0	38	1180.0	35	1160.0	32	1060.0	32	887.0	35	687.0	39	601.0	40	536.0	42	422.0	45
1912	2020.0	16	2000.0	15	1830.0	14	1700.0	12	1420.0	14	1330.0	9	1150.0	8	976.0	12	708.0	16
1913	1450.0	30	1370.0	29	1140.0	33	1060.0	33	963.0	31	856.0	31	762.0	31	714.0	29	608.0	24
1914	3140.0	4	3050.0	4	2980.0	4	2930.0	4	2630.0	4	2190.0	4	2190.0	2	2000.0	2	1590.0	1
1915	1450.0	31	1380.0	28	1320.0	28	1260.0	27	1180.0	22	1080.0	20	970.0	19	887.0	19	713.0	15
1916	1080.0	45	1060.0	41	1010.0	39	938.0	37	760.0	40	701.0	37	682.0	36	640.0	34	505.0	34
1917	1920.0	18	1880.0	17	1830.0	15	1690.0	13	1450.0	12	1270.0	11	1150.0	9	1020.0	8	748.0	11
1918	2650.0	6	2300.0	8	1940.0	12	1680.0	15	1350.0	17	1140.0	16	1030.0	16	914.0	16	707.0	17
1919	1640.0	23	1620.0	23	1550.0	21	1400.0	20	1180.0	23	1120.0	18	1060.0	13	1020.0	9	843.0	7
1920	1360.0	32	1340.0	30	1320.0	29	1250.0	28	1120.0	27	998.0	22	952.0	20	914.0	17	730.0	14
1921	6140.0	1	5690.0	1	5090.0	1	4330.0	1	3050.0	2	2420.0	2	2060.0	3	1860.0	3	1400.0	3
1922	1340.0	33	1310.0	31	1190.0	30	1080.0	30	1040.0	29	877.0	30	773.0	30	731.0	27	588.0	26
1923	1550.0	25	1530.0	24	1470.0	23	1380.0	22	1210.0	21	1150.0	15	1060.0	14	964.0	13	743.0	12
1924	2200.0	11	2170.0	10	2090.0	9	1940.0	8	1610.0	8	1270.0	12	1130.0	10	1020.0	10	783.0	9
1925	676.0	58	667.0	57	552.0	57	503.0	57	471.0	57	428.0	57	414.0	55	418.0	54	372.0	51
1926	2310.0	9	2290.0	9	2250.0	6	2160.0	6	1920.0	5	1440.0	6	1210.0	7	1080.0	7	812.0	8
1927	1120.0	41	1000.0	47	948.0	44	828.0	43	719.0	44	665.0	40	621.0	38	572.0	38	471.0	37
1928	1880.0	19	1830.0	19	1800.0	17	1490.0	17	1160.0	24	879.0	29	796.0	29	709.0	30	531.0	32
1929	2220.0	10	2020.0	14	1810.0	16	1460.0	19	1160.0	25	968.0	25	823.0	25	732.0	26	560.0	30
1930	2010.0	17	1860.0	18	1580.0	20	1390.0	21	1230.0	18	985.0	24	904.0	22	831.0	22	664.0	21
1931	1280.0	35	1110.0	38	1020.0	37	941.0	36	841.0	38	767.0	33	692.0	35	633.0	36	493.0	35
1932	940.0	50	863.0	50	757.0	49	691.0	51	680.0	45	639.0	43	579.0	44	528.0	45	418.0	46
1933	1850.0	20	1750.0	20	1640.0	18	1510.0	16	1390.0	15	1190.0	14	1000.0	18	860.0	21	646.0	23
1934	743.0	54	690.0	56	663.0	54	577.0	54	512.0	54	431.0	56	393.0	58	378.0	58	324.0	59
1935	1460.0	29	1290.0	33	966.0	42	871.0	40	736.0	41	644.0	42	595.0	41	552.0	40	426.0	44
1936	1750.0	21	1630.0	22	1390.0	27	1250.0	29	1090.0	28	942.0	26	945.0	21	902.0	18	707.0	18
1937	955.0	49	878.0	49	688.0	53	578.0	53	520.0	52	478.0	54	467.0	52	445.0	49	374.0	50
1938	1550.0	26	1480.0	26	1440.0	24	1300.0	24	1120.0	26	924.0	27	822.0	26	760.0	23	686.0	20
1939	1080.0	46	1050.0	42	1000.0	40	926.0	39	848.0	37	700.0	38	610.0	39	553.0	39	448.0	38
1940	660.0	59	592.0	59	545.0	58	449.0	60	395.0	61	348.0	60	320.0	60	297.0	60	260.0	60
1941	1520.0	27	1300.0	32	1110.0	34	1060.0	31	1000.0	30	899.0	28	806.0	28	758.0	24	599.0	25
1942	4770.0	2	4340.0	3	4010.0	3	3940.0	2	3550.0	1	2890.0	1	2460.0	1	2070.0	1	1510.0	2
1943	732.0	56	692.0	55	614.0	56	560.0	56	508.0	55	495.0	51	470.0	51	463.0	48	379.0	48
1944	1580.0	24	1530.0	25	1420.0	25	1320.0	23	1220.0	19	991.0	23	816.0	27	702.0	31	529.0	33
1945	2120.0	14	2100.0	11	2030.0	10	1800.0	9	1600.0	9	1130.0	17	878.0	23	752.0	25	577.0	27
1946	867.0	51	841.0	51	739.0	52	635.0	52	512.0	53	490.0	52	457.0	53	432.0	51	379.0	49
1947	2410.0	8	2330.0	7	2130.0	7	1750.0	11	1520.0	11	1280.0	10	1110.0	11	1010.0	11	782.0	10
1948	2420.0	7	2380.0	6	2120.0	8	1980.0	7	1670.0	7	1620.0	5	1370.0	5	1150.0	6	883.0	6
1949	4630.0	3	4490.0	2	4110.0	2	3610.0	3	2840.0	3	2210.0	3	1730.0	4	1430.0	4	1030.0	4
1950	725.0	57	701.0	54	648.0	55	564.0	55	490.0	56	459.0	55	416.0	54	393.0	56	344.0	53
1951	853.0	52	781.0	53	753.0	50	697.0	49	669.0	49	615.0	44	579.0	42	530.0	44	407.0	47
1952	1120.0	42	1110.0	39	1070.0	35	946.0	35	865.0	36	740.0	35	693.0	34	636.0	35	488.0	36
1953	1250.0	36	1160.0	36	1010.0	38	830.0	42	767.0	39	706.0	36	664.0	37	577.0	37	437.0	41
1954	629.0	60	609.0	58	528.0	59	502.0	58	447.0	58	417.0	58	407.0	56	384.0	57	328.0	57
1955	968.0	48	953.0	48	883.0	48	695.0	50	626.0	50	488.0	53	407.0	57	410.0	55	344.0	54
1956	1140.0	39	1050.0	43	914.0	46	801.0	45	727.0	42	571.0	47	482.0	49	420.0	53	326.0	58
1957	1500.0	28	1420.0	27	1390.0	26	1280.0	25	1210.0	20	1090.0	19	1030.0	17	926.0	15	689.0	19
1958	2060.0	15	2030.0	13	1900.0	13	1690.0	14	1440.0	13	1060.0	21	869.0	24	728.0	28	566.0	29
1959	1100.0	43	1060.0	40	1000.0	41	810.0	44	612.0	51	561.0	49	497.0	48	442.0	50	348.0	52
1960	810.0	53	784.0	52	740.0	51	702.0	48	675.0	46	609.0	45	579.0	43	531.0	43	434.0	42
1961	1100.0	44	1010.0	46	907.0	47	785.0	46	726.0	43	650.0	41	572.0	45	525.0	46	431.0	43
1962	1120.0	40	1110.0	37	1060.0	36	933.0	38	898.0	34	749.0	34	723.0	33	671.0	32	548.0	31
1963	530.0	62	522.0	60	489.0	60	464.0	59	420.0	59	395.0	59	371.0	59	361.0	59	331.0	56

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT SOUTH PLATTE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1903	21.00	2	42.00	15	46.00	10	50.00	12	54.00	13	55.00	10	56.00	8	56.00	2	58.00	1
1904	37.00	13	38.00	9	42.00	9	48.00	10	52.00	10	54.00	6	54.00	5	65.00	10	89.00	5
1905	28.00	5	35.00	8	39.00	6	41.00	4	46.00	3	48.00	3	51.00	3	51.00	1	102.00	16
1906	65.00	41	65.00	35	65.00	27	65.00	22	65.00	19	65.00	17	72.00	16	100.00	32	123.00	29
1907	115.00	61	115.00	60	121.00	59	130.00	60	134.00	59	140.00	58	154.00	59	168.00	59	269.00	59
1908	55.00	29	62.00	33	66.00	28	71.00	30	80.00	33	81.00	27	82.00	23	86.00	24	127.00	30
1909	50.00	24	50.00	21	50.00	14	50.00	11	51.00	6	55.00	7	57.00	9	63.00	8	89.00	6
1910	90.00	55	93.00	53	99.00	52	114.00	55	166.00	61	188.00	61	190.00	61	212.00	61	342.00	61

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT SOUTH PLATTE, CO.

YEAR	1	3	7	14	30	60	90	120	183
1911	63.00 38	68.00 38	71.00 38	74.00 34	77.00 31	89.00 35	91.00 31	90.00 29	110.00 24
1912	50.00 25	57.00 25	61.00 23	68.00 27	75.00 28	75.00 23	82.00 24	89.00 26	99.00 13
1913	50.00 26	60.00 29	82.00 43	83.00 41	83.00 35	87.00 32	94.00 35	101.00 33	146.00 42
1914	95.00 58	95.00 54	110.00 58	117.00 57	129.00 57	152.00 60	149.00 58	163.00 58	207.00 54
1915	64.00 39	71.00 42	93.00 47	100.00 50	111.00 53	120.00 51	138.00 54	146.00 54	237.00 58
1916	32.00 9	49.00 19	64.00 25	69.00 28	89.00 41	105.00 42	116.00 45	126.00 47	191.00 52
1917	60.00 36	88.00 50	94.00 48	101.00 51	101.00 46	108.00 46	120.00 46	124.00 44	131.00 35
1918	55.00 30	61.00 31	64.00 26	71.00 29	77.00 32	93.00 38	101.00 37	105.00 37	116.00 27
1919	99.00 59	99.00 57	99.00 53	99.00 48	99.00 44	114.00 49	125.00 49	129.00 48	157.00 46
1920	56.00 32	78.00 47	88.00 45	95.00 45	104.00 48	106.00 44	115.00 44	124.00 45	130.00 33
1921	50.00 27	61.00 32	70.00 36	84.00 42	101.00 45	106.00 45	110.00 43	113.00 40	148.00 43
1922	79.00 50	88.00 51	107.00 56	116.00 56	121.00 55	133.00 56	144.00 57	153.00 56	211.00 55
1923	80.00 51	106.00 58	122.00 60	123.00 59	123.00 56	126.00 54	128.00 52	131.00 50	142.00 40
1924	110.00 60	133.00 61	134.00 61	134.00 61	134.00 60	144.00 59	156.00 60	181.00 60	287.00 60
1925	90.00 56	93.00 52	99.00 54	100.00 49	105.00 49	127.00 55	140.00 55	144.00 53	160.00 49
1926	66.00 42	66.00 36	66.00 29	66.00 24	66.00 20	68.00 19	72.00 17	82.00 22	131.00 34
1927	77.00 49	77.00 46	77.00 41	77.00 37	84.00 37	93.00 39	102.00 39	113.00 41	136.00 37
1928	68.00 44	68.00 39	68.00 33	68.00 25	68.00 23	86.00 31	93.00 33	101.00 34	144.00 41
1929	48.00 23	60.00 30	70.00 34	74.00 35	76.00 29	81.00 28	85.00 27	89.00 27	115.00 26
1930	85.00 53	106.00 59	107.00 57	107.00 53	107.00 50	122.00 52	120.00 47	124.00 46	169.00 51
1931	95.00 57	95.00 55	95.00 50	95.00 46	95.00 43	102.00 40	107.00 40	109.00 38	154.00 44
1932	14.00 1	30.00 4	52.00 15	55.00 15	61.00 17	66.00 18	73.00 19	78.00 17	107.00 22
1933	28.00 6	28.00 1	28.00 1	32.00 1	37.00 1	44.00 1	48.00 1	59.00 6	108.00 23
1934	73.00 47	73.00 44	73.00 39	73.00 32	73.00 27	76.00 24	82.00 25	89.00 28	112.00 25
1935	59.00 34	59.00 26	59.00 21	59.00 19	59.00 15	60.00 12	61.00 11	64.00 9	90.00 7
1936	27.00 3	29.00 2	36.00 3	46.00 7	47.00 4	49.00 4	53.00 4	58.00 4	99.00 14
1937	42.00 18	42.00 10	42.00 7	45.00 6	53.00 11	63.00 15	72.00 18	80.00 20	123.00 28
1938	40.00 15	42.00 11	52.00 16	58.00 18	64.00 18	70.00 20	69.00 15	72.00 14	105.00 19
1939	55.00 31	60.00 27	67.00 32	74.00 33	77.00 30	83.00 29	101.00 38	118.00 42	204.00 53
1940	34.00 10	34.00 6	36.00 4	40.00 3	44.00 2	45.00 2	50.00 2	59.00 5	85.00 4
1941	59.00 35	60.00 28	62.00 24	65.00 23	66.00 21	72.00 21	75.00 21	78.00 18	92.00 9
1942	70.00 46	71.00 43	77.00 40	80.00 38	87.00 38	89.00 36	94.00 34	101.00 35	165.00 50
1943	75.00 48	85.00 49	98.00 51	105.00 52	109.00 51	112.00 47	125.00 50	133.00 52	157.00 45
1944	37.00 11	42.00 12	47.00 11	52.00 13	57.00 14	61.00 14	74.00 20	75.00 16	103.00 17
1945	40.00 16	49.00 20	57.00 19	61.00 20	71.00 25	86.00 30	86.00 28	86.00 23	106.00 20
1946	82.00 52	84.00 48	89.00 46	95.00 47	110.00 52	115.00 50	124.00 48	130.00 49	158.00 47
1947	58.00 33	65.00 34	71.00 37	85.00 43	93.00 42	105.00 43	107.00 41	119.00 43	137.00 38
1948	68.00 45	77.00 45	87.00 44	92.00 44	103.00 47	112.00 48	131.00 53	152.00 55	211.00 56
1949	90.00 54	95.00 56	106.00 55	112.00 54	119.00 54	123.00 53	128.00 51	132.00 51	160.00 48
1950	65.00 40	66.00 37	70.00 35	77.00 36	87.00 39	103.00 41	108.00 42	110.00 39	135.00 36
1951	40.00 17	48.00 17	66.00 30	80.00 39	83.00 36	88.00 33	97.00 36	105.00 36	128.00 32
1952	45.00 20	49.00 18	60.00 22	72.00 31	81.00 34	88.00 34	88.00 29	88.00 25	102.00 15
1953	44.00 19	46.00 16	54.00 17	55.00 16	66.00 22	74.00 22	78.00 22	80.00 19	106.00 21
1954	61.00 37	70.00 41	79.00 42	81.00 40	87.00 40	92.00 37	92.00 32	93.00 30	127.00 31
1955	30.00 7	34.00 7	37.00 5	39.00 2	51.00 7	60.00 13	64.00 13	71.00 12	104.00 18
1956	46.00 21	52.00 22	57.00 20	58.00 17	61.00 16	64.00 16	66.00 14	72.00 13	92.00 10
1957	37.00 12	42.00 13	47.00 12	48.00 8	52.00 8	59.00 11	60.00 10	66.00 11	76.00 2
1958	47.00 22	52.00 23	66.00 31	68.00 26	71.00 26	76.00 25	88.00 30	98.00 31	141.00 39
1959	30.00 8	32.00 5	42.00 8	48.00 9	49.00 5	53.00 5	55.00 6	57.00 3	76.00 3
1960	28.00 4	29.00 3	35.00 2	44.00 5	52.00 9	55.00 8	56.00 7	61.00 7	95.00 11
1961	38.00 14	42.00 14	48.00 13	53.00 14	54.00 12	55.00 9	62.00 12	74.00 15	90.00 8
1962	66.00 43	69.00 40	94.00 49	122.00 58	131.00 58	134.00 57	144.00 56	159.00 57	216.00 57
1963	52.00 28	53.00 24	56.00 18	62.00 21	69.00 24	78.00 26	83.00 26	82.00 21	98.00 12

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
240	156	109	98	98	121	326	692	889	668	587	351
14800	5160	1870	1450	1160	3800	77800	218000	304000	131000	102000	62000
122	72	43	38	34	62	279	467	552	361	319	249
1.5	1.6	0.82	0.80	0.50	3.4	3.8	2.6	1.8	1.5	1.5	4.2
0.51	0.46	0.40	0.39	0.35	0.51	0.86	0.68	0.62	0.54	0.54	0.71
5.5	3.6	2.5	2.3	2.3	2.8	7.5	16	21	15	14	8.1

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.3	2.2	2.0	2.0	2.0	2.0	2.4	2.8	2.9	2.8	2.7	2.5
0.04	0.03	0.03	0.03	0.02	0.03	0.06	0.06	0.07	0.05	0.05	0.05
0.20	0.18	0.17	0.17	0.16	0.17	0.25	0.24	0.26	0.23	0.23	0.21
0.28	0.18	0.01	0.11	-0.18	0.90	1.0	0.36	-0.16	-0.42	-0.31	0.73
0.09	0.08	0.09	0.08	0.08	0.08	0.10	0.09	0.09	0.08	0.08	0.09
8.2	7.6	7.0	6.9	6.9	7.2	8.5	9.7	10	9.7	9.5	8.7

06707500 SOUTH PLATTE RIVER AT SOUTH PLATTE, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
362	22200	149	1.6	0.41	0.150

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.5	0.03	0.16	0.17	0.07	0.208

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT SOUTH PLATTE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1964		9	11	6	9	22	25	17	17	17	9	12	16	17	34	14	29	31	24	21	10	9	4	3											
1965				31		30	14	1	67	11	2	12	4	25	7	2	10	4	11	15	45	29	12	20	13										
1966					4	29	32	10	22	19	18	30	13	24	29	12	22	37	39	14	11														
1967						1	1	3	28	100	16	13	13	23	30	31	19	29	27	11	15	5													
1968								21	01	23	43	22	4	6	15	9	28	22	13	24	23	10	5	13	3										
1969								62	49	25	26	22	6	15	4	11	10	6	11	10	24	19	37	11	4	4	3	2	1	2	1				
1970									2	8	51	40	22	21	12	23	19	19	13	6	13	12	19	5	9	17	7	30	8	2	3	2		2	
1971							1	5	8	13	15	71	27	25	13	17	32	31	13	17	32	19	11	12	3										
1972									8	12	37	84	48	15	20	15	14	13	7	29	34	24	5	1											
1973								4	6	15	38	81	25	14	11	9	16	11	4	12	18	13	9	5	19	6	6	11	9	6	5	12			
1974									6	3	8	47	78	30	32	14	12	21	18	22	42	24	8												
1975								2	10	26	37	53	34	24	5	11	27	17	14	20	29	21	8	13	5	5	4								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4383	100.0	9	120.00	290	3779	86.2	18	450.0	195	1306	29.8	27	1700	21	106	2.4
1	37.00	9	4383	100.0	10	140.00	256	3489	79.6	19	520.0	209	1111	25.3	28	1900	41	85	1.9
2	43.00	11	4374	99.8	11	160.00	502	3233	73.8	20	600.0	275	902	20.6	29	2300	15	44	1.0
3	50.00	37	4363	99.5	12	190.00	324	2731	62.3	21	700.0	191	627	14.3	30	2600	9	29	.6
4	57.00	13	4326	98.7	13	220.00	231	2407	54.9	22	810.0	93	436	9.9	31	3000	16	20	.4
5	67.00	82	4313	98.4	14	250.00	232	2176	49.6	23	930.0	123	343	7.8	32	3500	2	4	
6	77.00	73	4231	96.5	15	290.00	150	1944	44.4	24	1100.0	59	220	5.0	33	4100		2	
7	89.00	44	4158	94.9	16	330.00	243	1794	40.9	25	1300.0	24	161	3.7	34	4700	2	2	
8	100.00	335	4114	93.9	17	390.00	245	1551	35.4	26	1500.0	31	137	3.1					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT SOUTH PLATTE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1964	963.0	9	948.0	9	860.0	9	706.0	10	604.0	11	551.0	10	548.0	10	517.0	10	429.0	10
1965	1260.0	5	1200.0	5	1180.0	5	1060.0	5	961.0	5	894.0	5	833.0	5	789.0	4	662.0	4
1966	690.0	12	650.0	12	588.0	12	562.0	12	517.0	12	493.0	12	479.0	11	464.0	11	391.0	12
1967	798.0	11	747.0	11	718.0	11	683.0	11	630.0	10	539.0	11	461.0	12	452.0	12	396.0	11
1968	1170.0	6	1130.0	7	1060.0	6	1010.0	6	895.0	6	779.0	7	687.0	7	619.0	8	496.0	8
1969	3160.0	3	2930.0	3	2490.0	3	1940.0	3	1480.0	3	1250.0	3	1130.0	3	1030.0	3	799.0	3
1970	4850.0	1	4520.0	1	3530.0	1	3100.0	2	2610.0	1	2270.0	1	1970.0	1	1710.0	1	1280.0	1
1971	1160.0	7	1140.0	6	1060.0	7	921.0	7	868.0	7	794.0	6	741.0	6	668.0	6	557.0	6
1972	1090.0	8	955.0	8	867.0	8	773.0	8	711.0	8	676.0	8	657.0	9	594.0	9	481.0	9
1973	3340.0	2	3270.0	2	3140.0	2	3120.0	1	2610.0	2	2110.0	2	1770.0	2	1510.0	2	1110.0	2
1974	885.0	10	855.0	10	800.0	10	773.0	9	710.0	9	671.0	9	667.0	8	634.0	7	521.0	7
1975	1540.0	4	1530.0	4	1450.0	4	1250.0	4	1130.0	4	942.0	4	834.0	4	761.0	5	616.0	5

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT SOUTH PLATTE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1965	55.00	1	55.00	1	55.00	1	55.00	1	55.00	1	64.00	1	79.00	1	87.00	1	113.00	1
1966	61.00	2	62.00	2	65.00	2	70.00	2	73.00	2	76.00	2	86.00	2	96.00	2	136.00	2
1967	74.00	3	86.00	3	96.00	4	100.00	3	122.00	6	125.00	5	127.00	5	129.00	5	143.00	4
1968	98.00	8	100.00	7	109.00	7	111.00	6	114.00	4	114.00	4	115.00	3	118.00	3	141.00	3
1969	104.00	10	105.00	10	106.00	5	108.00	5	113.00	3	113.00	3	117.00	4	128.00	4	147.00	5
1970	122.00	11	136.00	11	155.00	11	161.00	11	169.00	11	173.00	10	183.00	11	196.00	11	257.00	11
1971	85.00	4	90.00	4	92.00	3	105.00	4	127.00	7	152.00	7	161.00	8	168.00	8	199.00	9
1972	100.00	9	104.00	9	107.00	6	123.00	8	141.00	8	154.00	8	153.00	7	158.00	7	176.00	6
1973	93.00	7	99.00	6	126.00	10	145.00	10	158.00	9	163.00	9	168.00	9	169.00	9	187.00	8
1974	92.00	6	96.00	5	113.00	9	143.00	9	164.00	10	176.00	11	182.00	10	190.00	10	208.00	10
1975	90.00	5	102.00	8	110.00	8	118.00	7	122.00	5	137.00	6	149.00	6	156.00	6	179.00	7

06707500 SOUTH PLATTE RIVER AT SOUTH PLATTE, COLO.--Continued

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
242	187	145	139	133	157	326	848	868	787	654	372
3110	5180	1650	1620	2080	1990	33500	552000	266000	76500	18800	6600
56	72	41	40	46	45	183	743	516	277	137	81
0.33	2.4	0.78	-0.12	-0.48	-0.84	2.8	1.9	1.2	0.12	0.04	-0.14
0.23	0.39	0.28	0.29	0.34	0.28	0.56	0.88	0.60	0.35	0.21	0.22
5.0	3.8	3.0	2.9	2.7	3.2	6.7	17	18	16	13	7.7

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.4	2.3	2.1	2.1	2.1	2.2	2.5	2.8	2.9	2.9	2.8	2.6
0.01	0.02	0.01	0.02	0.03	0.03	0.03	0.08	0.05	0.03	0.01	0.01
0.10	0.13	0.12	0.14	0.17	0.16	0.18	0.29	0.23	0.17	0.09	0.10
-0.44	1.5	0.03	-0.53	-0.86	-2.0	1.7	1.4	0.61	-0.65	-0.23	-0.42
0.04	0.06	0.06	0.06	0.08	0.07	0.07	0.10	0.08	0.06	0.03	0.04
8.0	7.6	7.3	7.2	7.1	7.4	8.4	9.5	9.7	9.7	9.5	8.7

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
406	24400	156	1.5	0.38	0.071

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.6	0.02	0.15	0.99	0.06	0.153

06708000 SOUTH PLATTE RIVER AT WATERTON, COLO.

LOCATION.--Lat 39°29'18", long 105°05'32", in NE¼ sec.34, T.6 S., R.69 W., Jefferson County, on left bank 168 ft (51 m) downstream from bridge on State Highway 221, 0.4 mi (0.6 km) south of Waterton, 4.7 mi (7.6 km) west of Louviers, and 6 mi (10 km) upstream from Plum Creek.

DRAINAGE AREA.--2,621 mi² (6,788 km²).

REMARKS.--Natural flow of stream affected by transmountain diversions, Elevenmile Canyon Reservoir (capacity, 97,780 acre-ft or 121 hm³) and Cheesman Lake (capacity, 79,060 acre-ft or 97.5 hm³), diversions for irrigation of about 55,000 acres (223 km²) and municipal use, and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT WATERTON, CO.

NUMBER OF DAYS IN CLASS

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR																																			
1927												2	19	9	7	11	20	61	43	38	32	28	21	17	26	20	11								
1928								1		21	10	5	4	18	13	45	58	19	21	18	8	10	22	32	26	17	6	4	6	2					
1929										27	13	20	49	35	12	17	23	8	8	14	6	4	4	31	37	21	17	12	7						
1930															2	49	42	31	24	13	11	31	25	29	28	35	23	14	8						
1931											1			10	15	27	50	54	37	15	15	21	20	26	24	32	18								
1932										34		24	20	11	17	31	36	27	9	16	7	4	21	33	37	34	5								
1933		2	2	2	3	29	20	15		9	2	2	2	3	9	7	16	39	23	14	16	14	9	21	17	26	23	30	8	2					
1934												1	8	13	31	28	12	29	45	40	35	33	37	30	9	12	2								
1935								26		14	8	5	6	8	7	8	61	23	20	15	25	25	17	16	30	39	8	3	1						
1936			3			2	1	2	17	16	15	29	12	7	6	4	12	11	18	12	21	9	13	26	27	28	34	23	16	2					
1937								1	5	12	12	26	23	14	7	10	10	11	21	24	29	28	43	35	23	16	12	3							
1938		4	21		6	3	10	6	12	7	5	11	4	6	9	17	10	24	23	12	5	7	10	30	25	40	26	29	3						
1939													2	5	10	4	8	13	31	31	30	58	44	47	41	21	19	1						
1940											27	26	14	15	16	25	25	28	40	37	28	42	19	17	7										
1941									1	15	12	16	20	17	15	17	13	13	31	15	20	12	21	12	17	45	41	11	1						
1942										1	5	2	2		13	19	8	10	33	24	17	11	33	17	31	27	22	14	4	9	18	24	20	1	
1943			2					4	2	2	5	1	2	3	10	7	8	36	31	45	39	34	28	47	42	17									
1944										2	1	3	12	34	21	37	37	18	31	19	12	9	26	28	16	22	16	19	3						
1945							4	3	3		5	4	7	33	21	44	27	23	29	16	15	21	28	18	20	10	4	8	8	4	10				
1946										1		2	3		7	13	18	44	50	47	42	49	14	40	17	11	5	2							
1947									3		3	2	11	17	14	24	17	12	11	24	34	21	23	13	11	28	46	15	26	4	6				
1948										2	1	1	2			1	4	15	20	30	26	40	32	42	43	21	18	9	37	13	9				
1949												8	5	6	4	36	25	30	40	33	21	18	14	22	12	8	24	5	12	11	15	7	7	2	
1950						1	2		12	4	4	6	1	5	5	17	34	50	40	41	38	39	24	19	16	7									

06708000 SOUTH PLATTE RIVER AT WATERTON, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT WATERTON, CO.

NUMBER OF DAYS IN CLASS

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1951											15	21	5	10	11	16	28	31	47	44	21	21	34	20	22	16	3								
1952								2	26	16	16	13	19	19	9	20	17	19	18	18	23	12	21	26	32	19	17	4							
1953									20	33	35	41	12	27	8	15	15	19	13	9	8	15	25	19	17	20	11	3							
1954						2	7	1	17	29	28	9	7	17	5	17	12	34	29	33	27	34	27	18	10	2									
1955							2	53	4	33	22	6	2	2	8	5	16	10	15	16	32	34	27	26	24	24	3	1							
1956								1			2	4	3	16	76	27	32	30	30	20	12	30	26	16	21	13	4	2	1						
1957												3	12	43	45	29	24	15	28	14	9	4		12	9	13	21	40	43	1					
1958														2	11	23	37	13	26	24	42	37	42	32	17	12	11	13	12	8	3				
1959														19	23	91	19	20	27	26	30	22	35	24	13	9	4	3							
1960											2	3	4	18	24	41	19	11	32	32	17	14	18	36	56	32	6	1							
1961											1	8	11	9	4	12	59	47	37	30	18	28	28	20	10	28	12	3							
1962																	8	19	40	23	27	26	64	57	33	28	26	14							
1963											5	12	1	14	21	85	41	15	13	31	32	20	42	25	8										
1964										5	7	6	7	6	16	9	3	34	57	69	20	25	33	38	15	8	6	2							
1965										4	28	38	29	21	9	8	11	37	8	3		5	6	15	25	42	37	28	11						
1966												4	8	24	9	42	45	8	27	8	34	50	49	30	17	7	3								
1967												14	9	11	14	24	67	45	37	22	27	24	13	27	16	13	2								
1968													2	45	36	35	30	18	22	16	17	23	28	44	20	8	17	5							
1969														9	34	45	44	21	12	20	21	17	15	9	25	35	20	14	10	6	6	2			
1970															1	2	6	16	14	37	41	31	20	20	30	36	27	6	22	18	29	7	2		
1971													3	7	9	28	38	35	46	29	17	17	15	33	45	27	13	3							
1972															17	59	57	38	42	16	12	18	32	23	34	17	1								
1973															24	70	57	19	12	33	5	7	10	12	14	23	13	15	13	9	10	18	1		
1974										1	1	5	8	18	36	16	30	18	48	27	26	37	38	33	20	3									
1975														6	37	82	39	4	11	24	19	21	24	31	19	18	14	11	5						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	17897	100.0	9	1.90	288	17532	98.0	18	35.0	1370	10998	61.5	27	660	370	913	5.1
1	0.10	6	17897	100.0	10	2.60	291	17244	96.4	19	49.0	1217	9628	53.8	28	910	257	543	3.0
2	0.20	28	17891	100.0	11	3.60	383	16953	94.7	20	67.0	1069	8411	47.0	29	1300	89	286	1.5
3	0.30	2	17863	99.8	12	5.00	370	16570	92.6	21	93.0	1140	7342	41.0	30	1700	106	197	1.1
4	0.40	9	17861	99.8	13	6.00	612	16200	90.5	22	130.0	1220	6202	34.7	31	2400	58	91	.5
5	0.50	37	17852	99.7	14	9.50	758	15588	87.1	23	180.0	1294	4982	27.8	32	3400	30	33	.1
6	0.70	46	17815	99.5	15	13.00	1299	14830	82.9	24	250.0	1134	3688	20.6	33	4700	3	3	
7	1.00	115	17769	99.3	16	18.00	1328	13531	75.6	25	340.0	990	2554	14.3	34				
8	1.30	122	17654	98.6	17	25.00	1205	12203	68.2	26	480.0	651	1564	8.7					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT WATERTON, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1927	618.0	37	546.0	37	514.0	34	410.0	36	345.0	35	284.0	34	252.0	35	242.0	33	189.0	32
1928	1380.0	10	1290.0	11	1260.0	10	962.0	11	665.0	19	461.0	21	391.0	21	344.0	21	242.0	21
1929	1220.0	15	1140.0	16	1020.0	15	800.0	17	727.0	14	582.0	15	470.0	16	424.0	17	292.0	18
1930	1280.0	14	1180.0	13	962.0	16	825.0	16	692.0	17	566.0	16	528.0	14	459.0	14	345.0	15
1931	655.0	36	650.0	33	569.0	32	507.0	29	467.0	26	413.0	22	368.0	22	313.0	23	228.0	26
1932	574.0	40	517.0	40	452.0	39	430.0	32	383.0	31	358.0	30	323.0	28	294.0	28	216.0	29
1933	1340.0	12	1300.0	10	1140.0	12	947.0	12	889.0	11	747.0	11	635.0	10	547.0	11	396.0	11
1934	507.0	43	438.0	43	422.0	41	381.0	40	307.0	39	228.0	43	190.0	43	182.0	42	139.0	44
1935	917.0	22	755.0	24	587.0	31	535.0	25	460.0	27	406.0	24	363.0	23	315.0	22	234.0	24
1936	1350.0	11	1170.0	14	954.0	17	849.0	14	790.0	12	660.0	13	627.0	11	592.0	9	452.0	10
1937	719.0	30	695.0	28	597.0	30	415.0	34	356.0	34	233.0	41	245.0	37	221.0	38	175.0	35
1938	1180.0	17	1000.0	18	787.0	19	700.0	20	632.0	20	528.0	19	436.0	19	437.0	16	388.0	12
1939	671.0	34	626.0	34	606.0	29	591.0	23	506.0	23	407.0	23	356.0	25	308.0	24	241.0	22
1940	292.0	49	259.0	49	232.0	49	217.0	49	186.0	49	155.0	49	124.0	49	112.0	49	96.0	49
1941	967.0	20	804.0	21	681.0	22	661.0	21	590.0	21	536.0	17	467.0	17	456.0	15	341.0	16
1942	5050.0	1	4310.0	2	3910.0	2	3780.0	1	3460.0	1	2970.0	1	2350.0	1	1880.0	1	1330.0	1
1943	424.0	44	385.0	45	366.0	44	344.0	44	327.0	36	273.0	37	265.0	32	247.0	32	191.0	31
1944	991.0	19	900.0	19	811.0	18	779.0	18	723.0	15	585.0	14	473.0	15	402.0	18	288.0	19
1945	2140.0	8	2090.0	8	1940.0	7	1710.0	6	1340.0	6	859.0	9	626.0	12	500.0	13	357.0	14
1946	709.0	31	671.0	30	507.0	36	418.0	33	307.0	40	270.0	38	226.0	40	213.0	40	159.0	40
1947	2340.0	6	2240.0	6	1960.0	6	1550.0	8	1340.0	7	1050.0	6	887.0	6	782.0	7	572.0	6
1948	2210.0	7	2160.0	7	1910.0	8	1800.0	5	1440.0	5	1320.0	5	1080.0	5	894.0	5	660.0	5
1949	5050.0	2	4920.0	1	4410.0	1	3640.0	2	2720.0	2	1980.0	2	1480.0	3	1190.0	3	809.0	3
1950	420.0	45	404.0	44	366.0	45	313.0	45	244.0	45	214.0	44	184.0	45	149.0	46	114.0	46
1951	539.0	41	532.0	39	456.0	38	385.0	39	288.0	44	232.0	42	233.0	39	217.0	39	160.0	39
1952	750.0	27	713.0	26	663.0	24	583.0	24	470.0	25	377.0	28	347.0	26	306.0	26	224.0	27
1953	867.0	24	785.0	22	683.0	21	509.0	28	444.0	29	363.0	29	317.0	29	266.0	30	183.0	34
1954	344.0	47	330.0	47	300.0	47	280.0	46	225.0	46	165.0	48	156.0	47	142.0	48	105.0	48
1955	675.0	33	542.0	38	514.0	35	407.0	37	367.0	33	276.0	36	214.0	41	226.0	36	188.0	33
1956	920.0	21	727.0	25	611.0	28	467.0	30	388.0	30	331.0	31	265.0	33	223.0	37	162.0	38
1957	1320.0	13	1210.0	12	1180.0	11	1070.0	10	987.0	10	904.0	8	865.0	7	798.0	6	561.0	7
1958	1880.0	9	1820.0	9	1680.0	9	1460.0	9	1200.0	8	854.0	10	657.0	9	527.0	12	373.0	13
1959	704.0	32	675.0	29	615.0	26	439.0	31	293.0	42	280.0	35	241.0	38	212.0	41	158.0	41
1960	664.0	35	616.0	35	470.0	37	404.0	38	378.0	32	331.0	32	306.0	31	300.0	27	236.0	23

06708000 SOUTH PLATTE RIVER AT WATERTON, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT WATERTON, CO.

YEAR	1	3	7	15	30	60	90	120	183
1961	752.0 26	652.0 32	615.0 27	517.0 27	489.0 24	394.0 25	315.0 30	255.0 31	201.0 30
1962	856.0 25	832.0 20	778.0 20	748.0 19	677.0 18	494.0 20	436.0 18	397.0 19	300.0 17
1963	298.0 48	282.0 48	249.0 48	239.0 47	198.0 48	171.0 47	147.0 48	143.0 47	113.0 47
1964	736.0 28	669.0 31	518.0 33	412.0 35	295.0 41	238.0 40	247.0 36	227.0 35	167.0 37
1965	1200.0 16	1170.0 15	1040.0 13	848.0 15	745.0 13	686.0 12	624.0 13	571.0 10	457.0 9
1966	603.0 38	561.0 36	442.0 40	354.0 42	290.0 43	201.0 45	184.0 46	178.0 43	144.0 42
1967	524.0 42	485.0 41	392.0 43	349.0 43	320.0 38	265.0 39	190.0 42	175.0 45	139.0 45
1968	889.0 23	784.0 23	678.0 23	596.0 22	511.0 22	391.0 27	325.0 27	287.0 29	216.0 28
1969	2670.0 5	2510.0 5	2100.0 5	1640.0 7	1140.0 9	939.0 7	778.0 8	674.0 8	474.0 8
1970	4360.0 3	3930.0 3	3050.0 4	2700.0 4	2230.0 4	1880.0 3	1560.0 2	1290.0 2	921.0 2
1971	736.0 29	705.0 27	633.0 25	530.0 26	451.0 28	394.0 26	362.0 24	308.0 25	231.0 25
1972	580.0 39	463.0 42	399.0 42	369.0 41	327.0 37	285.0 33	259.0 34	233.0 34	171.0 36
1973	3490.0 4	3390.0 4	3070.0 3	2790.0 3	2420.0 3	1750.0 4	1380.0 4	1110.0 4	763.0 4
1974	361.0 46	344.0 46	304.0 46	226.0 48	219.0 47	193.0 46	189.0 44	177.0 44	140.0 43
1975	1140.0 18	1130.0 17	1030.0 14	871.0 13	709.0 16	533.0 18	427.0 20	362.0 20	267.0 20

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT WATERTON, CO.

YEAR	1	3	7	14	30	60	90	120	183
1928	2.00 18	2.00 17	2.00 12	2.50 12	5.20 15	11.00 20	14.00 23	16.00 22	19.00 12
1929	1.00 10	1.70 14	2.00 13	2.10 9	2.20 6	3.80 8	4.60 7	8.50 7	16.00 5
1930	4.00 33	4.00 30	4.30 27	7.40 30	8.80 29	21.00 39	21.00 34	27.00 32	51.00 39
1931	7.00 39	7.30 39	8.10 38	11.00 38	16.00 41	18.00 37	22.00 36	29.00 37	41.00 33
1932	2.00 19	2.00 18	2.00 14	2.00 8	4.40 14	4.80 11	6.50 10	9.20 8	15.00 3
1933	0.10 1	0.17 2	0.23 2	0.44 2	0.57 2	0.97 2	1.20 1	6.10 3	17.00 6
1934	5.00 36	6.30 37	7.90 37	8.70 33	10.00 32	16.00 35	21.00 35	27.00 33	40.00 32
1935	1.00 11	1.00 8	1.00 6	1.00 3	1.20 4	3.70 7	6.80 11	12.00 14	17.00 7
1936	0.20 4	0.20 3	0.51 3	1.10 6	1.50 5	2.80 4	3.70 3	9.60 9	28.00 26
1937	1.20 12	1.50 12	2.30 16	3.00 13	3.40 12	4.10 10	4.80 8	11.00 12	69.00 42
1938	0.10 2	0.10 1	0.19 1	0.22 1	0.41 1	0.91 1	4.10 4	8.20 6	17.00 8
1939	3.60 31	4.10 31	10.00 43	11.00 39	19.00 43	33.00 43	51.00 45	69.00 45	107.00 45
1940	2.80 27	2.90 24	3.00 18	3.10 15	3.70 13	11.00 21	10.00 14	13.00 15	19.00 13
1941	1.80 16	1.90 15	2.10 15	2.20 10	2.70 10	8.30 14	14.00 24	15.00 19	22.00 19
1942	2.30 22	2.80 21	3.80 22	5.70 24	10.00 33	15.00 31	26.00 37	35.00 38	92.00 44
1943	0.20 3	0.80 5	1.60 9	3.10 16	8.50 26	34.00 44	38.00 43	39.00 43	57.00 40
1944	2.00 17	3.40 26	5.70 33	7.90 31	11.00 34	14.00 28	17.00 29	20.00 30	21.00 18
1945	0.90 8	0.90 6	1.20 7	3.80 19	8.50 27	10.00 16	15.00 25	18.00 28	20.00 16
1946	7.00 40	13.00 47	25.00 48	28.00 48	32.00 45	35.00 45	38.00 44	42.00 44	59.00 41
1947	1.40 14	1.50 13	3.80 23	7.00 29	9.30 30	14.00 29	26.00 38	37.00 41	48.00 37
1948	2.20 20	2.70 20	6.50 34	23.00 46	45.00 48	54.00 47	69.00 47	93.00 48	109.00 46
1949	4.80 34	4.80 35	5.00 31	15.00 44	17.00 42	24.00 41	28.00 41	37.00 42	39.00 31
1950	0.60 5	1.30 11	1.70 10	3.20 17	7.60 20	21.00 40	27.00 40	35.00 39	47.00 36
1951	2.70 24	2.90 22	3.30 19	3.70 18	7.00 17	19.00 38	26.00 39	27.00 34	27.00 25
1952	1.20 13	1.20 9	1.30 8	1.40 7	2.50 8	6.00 12	9.70 13	10.00 11	19.00 14
1953	1.70 15	1.90 16	1.90 11	2.40 11	2.70 9	3.90 9	4.30 6	5.00 2	8.20 1
1954	0.60 6	0.67 4	0.69 4	1.00 4	2.40 7	2.90 5	4.20 5	7.60 5	17.00 9
1955	0.90 7	0.93 7	0.97 5	1.00 5	1.10 3	1.20 3	1.60 2	3.60 1	15.00 4
1956	1.00 9	1.20 10	4.00 25	10.00 36	11.00 35	11.00 22	12.00 16	15.00 20	20.00 15
1957	3.00 28	4.10 32	4.30 26	6.20 25	7.60 21	7.60 13	8.50 12	9.70 10	18.00 11
1958	9.30 46	9.80 43	11.00 44	12.00 40	15.00 40	16.00 32	20.00 32	37.00 40	70.00 43
1959	7.20 41	7.40 40	7.70 35	9.10 34	12.00 36	13.00 25	13.00 20	16.00 23	21.00 17
1960	3.00 29	3.90 28	4.80 28	6.40 28	7.70 22	10.00 17	12.00 17	15.00 21	43.00 34
1961	3.00 30	3.50 27	3.80 24	5.00 21	7.30 18	14.00 26	17.00 30	22.00 31	33.00 28
1962	23.00 48	23.00 48	24.00 47	26.00 47	43.00 47	65.00 48	78.00 48	91.00 47	134.00 47
1963	2.80 25	3.10 25	3.30 20	5.10 22	7.70 23	10.00 18	12.00 18	13.00 16	17.00 10
1964	2.80 26	2.90 23	3.60 21	4.90 20	7.70 24	14.00 27	21.00 33	28.00 35	38.00 30
1965	2.20 21	2.30 19	2.40 17	3.00 14	3.40 11	3.70 6	5.90 9	6.60 4	13.00 2
1966	3.90 32	4.50 33	5.10 32	6.20 26	7.60 19	12.00 23	14.00 21	15.00 17	45.00 35
1967	4.80 35	4.80 34	4.90 29	5.30 23	6.00 16	9.50 15	15.00 26	17.00 24	24.00 20
1968	6.50 38	6.70 38	7.90 36	8.00 32	8.60 28	12.00 24	12.00 19	12.00 13	24.00 21
1969	7.90 42	9.10 41	9.50 41	11.00 37	13.00 37	16.00 33	16.00 27	17.00 25	33.00 29
1970	9.30 43	9.80 44	11.00 45	16.00 45	32.00 46	46.00 46	59.00 46	72.00 46	137.00 48
1971	5.10 37	6.30 36	8.40 39	12.00 41	21.00 44	27.00 42	30.00 42	29.00 36	51.00 38
1972	9.30 44	10.00 45	10.00 42	12.00 42	14.00 38	18.00 36	20.00 31	20.00 29	24.00 22
1973	11.00 47	11.00 46	12.00 46	13.00 43	14.00 39	16.00 34	16.00 28	17.00 26	24.00 23
1974	2.40 23	4.00 29	4.90 30	6.20 27	7.90 25	11.00 19	11.00 15	17.00 27	29.00 27
1975	9.30 45	9.30 42	9.50 40	9.70 35	10.00 31	15.00 30	14.00 22	15.00 18	27.00 24

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
75	57	34	19	21	31	168	455	478	354	309	120
4030	3880	796	249	386	1260	90100	333000	246000	59700	51800	8360
64	62	28	16	20	35	300	577	496	244	228	91
1.7	2.5	1.9	1.6	2.3	2.4	4.4	3.2	2.5	1.9	2.1	1.4
0.85	1.1	0.84	0.82	0.95	1.1	1.8	1.3	1.0	0.69	0.74	0.76
3.5	2.7	1.6	0.91	0.97	1.5	7.9	21	23	17	15	5.6

06708000 SOUTH PLATTE RIVER AT WATERTON, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.7	1.6	1.4	1.1	1.1	1.3	2.0	2.5	2.5	2.5	2.4	2.0
0.11	0.13	0.10	0.17	0.22	0.21	0.18	0.12	0.13	0.08	0.09	0.10
0.33	0.36	0.32	0.41	0.47	0.45	0.42	0.35	0.37	0.28	0.29	0.32
0.40	0.64	0.33	-0.88	-0.88	-0.13	0.78	0.99	0.44	-0.05	0.00	0.17
0.19	0.23	0.22	0.36	0.42	0.35	0.22	0.14	0.15	0.11	0.12	0.17
7.9	7.2	6.4	5.1	5.1	5.8	8.9	11	11	11	11	8.9

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
178	16200	127	2.3	0.72	0.052

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.2	0.06	0.24	0.76	0.11	0.052

06708500 DEER CREEK NEAR LITTLETON, COLO.

LOCATION.--Lat 39°32'56", long 105°07'59", in NE¼ sec.8, T.6 S., R.69 W., Jefferson County, at Deer Creek Park, 3.5 mi (5.6 km) downstream from South Fork Deer Creek, and 7.5 mi (12.1 km) southwest of Littleton.

DRAINAGE AREA.--26.2 mi² (67.9 km²).

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
DEER CREEK NEAR LITTLETON, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1943	30	24	10	2	13	8	5	54	31	30	9	32	25	23	18	6	18	3	3	3	5	8	5												
1944	77	98	37	5	15	5	4	4	4	14	5	13	6	6	2	4	3	2	4	1	5	4	8	6	3	4	4	5	5	4	8	1			
1945	58	81	7	9	17	8	9	17	20	12	14	18	23	17	13	12	13	10	6			1													
1946	77	62	27	14	33	6	10	8	6	13	13	17	29	15	15	13	4	2				1													

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	242	1461	100.0	9	1.10	69	566	38.7	18	8.0	13	94	6.4	27	57	5	23	1.5
1	0.10	265	1219	83.4	10	1.40	41	497	34.0	19	10.0	4	81	5.5	28	72	5	18	1.2
2	0.20	81	954	65.3	11	1.70	80	456	31.2	20	12.0	10	77	5.3	29	89	4	13	.8
3	0.30	30	873	59.8	12	2.10	83	376	25.7	21	15.0	14	67	4.6	30	110	8	9	.6
4	0.40	78	843	57.7	13	2.70	61	293	20.1	22	19.0	13	53	3.6	31	140	1	1	
5	0.50	27	765	52.4	14	3.30	48	232	15.9	23	24.0	6	40	2.7	32				
6	0.60	28	738	50.5	15	4.10	35	184	12.6	24	30.0	3	34	2.3	33				
7	0.70	83	710	48.6	16	5.20	38	149	10.2	25	37.0	4	31	2.1	34				
8	0.90	61	627	42.9	17	6.40	17	111	7.6	26	46.0	4	27	1.8					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
DEER CREEK NEAR LITTLETON, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1943	23.0	2	22.0	2	20.0	2	18.0	2	13.0	2	8.5	2	6.8	2	5.5	2	3.9	2
1944	141.0	1	139.0	1	133.0	1	114.0	1	86.0	1	54.0	1	37.0	1	28.0	1	19.0	1
1945	18.0	3	9.1	3	8.1	3	7.6	3	6.5	3	5.0	3	4.2	3	3.6	3	2.9	3
1946	16.0	4	6.2	4	5.4	4	4.6	4	3.9	4	3.5	4	3.1	4	2.6	4	1.8	4

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
DEER CREEK NEAR LITTLETON, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1944	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.03	2	0.06	2	0.08	1
1945	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.02	1	0.04	1	0.09	2
1946	0.00	3	0.00	3	0.00	3	0.04	3	0.10	3	0.12	3	0.18	3	0.33	3	0.45	3

06709000 PLUM CREEK NEAR SEDALIA, COLO.

LOCATION.--Lat 39°26'19", long 104°58'56", in SE¼ sec.15, T.7 S., R.68 W., Douglas County, 1 mi (1.6 km) downstream from Jarre Creek and 1 mi (1.6 km) west of Sedalia.

DRAINAGE AREA.--274 mi² (710 km²).

REMARKS.--Diversions above station for irrigation of 1,500 acres (6.1 km²).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PLUM CREEK NEAR SEDALIA, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1943	44	8	8	3	6		4	2	5	1	1	2	3	12	6	20	17	21	27	55	55	36	10	11	5	2	1								
1944	36	4	2	1	4		12	6	10	3	13	8	18	28	30	10	10	21	22	33	14	8	8	3	4	9	11	6	15	4	5	8			
1945			4	1	3	6	13	8	18	13	8	7	24	7	19	29	24	51	38	20	10	5	8	14	22	5		1	2	2	2		1		
1946	9		2	2	3	1	6	17	25	9	9	17	18	23	24	18	34	44	21	52	21	9	1												
1947								1	2	3	9	4	8	2	6	15	30	45	42	39	27	22	10	8	14	23	13	11	19	4	5	3			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	89	1826	100.0	9	1.40	29	1550	84.9	18	15.0	150	826	45.2	27	150	18	88	4.8
1	0.10	12	1737	95.1	10	1.80	40	1521	83.3	19	19.0	199	676	37.0	28	200	36	70	3.8
2	0.20	16	1725	94.5	11	2.30	38	1481	81.1	20	25.0	127	477	26.1	29	260	10	34	1.8
3	0.30	7	1709	93.6	12	3.00	71	1443	79.0	21	32.0	80	350	19.2	30	340	12	24	1.3
4	0.40	16	1702	93.2	13	3.90	72	1372	75.1	22	42.0	37	270	14.8	31	440	11	12	.6
5	0.50	7	1686	92.3	14	5.10	85	1300	71.2	23	54.0	36	233	12.8	32	580	1	1	
6	0.60	35	1679	91.9	15	6.70	92	1215	66.5	24	71.0	45	197	10.8	33				
7	0.80	34	1644	90.0	16	8.60	115	1123	61.5	25	92.0	39	152	8.3	34				
8	1.10	60	1610	88.2	17	11.00	182	1008	55.2	26	120.0	25	113	6.2					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PLUM CREEK NEAR SEDALIA, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1943	126.0	4	106.0	4	75.0	4	58.0	4	43.0	4	37.0	4	33.0	4	31.0	4	27.0	4
1944	575.0	2	572.0	1	530.0	1	444.0	1	335.0	1	236.0	1	168.0	2	133.0	2	92.0	2
1945	915.0	1	512.0	2	364.0	3	218.0	3	152.0	3	83.0	3	56.0	3	50.0	3	43.0	3
1946	42.0	5	40.0	5	34.0	5	29.0	5	24.0	5	20.0	5	19.0	5	17.0	5	17.0	5
1947	519.0	3	442.0	3	419.0	2	358.0	2	283.0	2	208.0	2	173.0	1	141.0	1	103.0	1

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PLUM CREEK NEAR SEDALIA, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1944	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.14	1	0.44	1	1.20	1	3.70	3
1945	0.00	2	0.00	2	0.00	2	0.00	2	0.06	2	0.31	2	0.61	2	1.20	2	3.10	2
1946	0.21	4	0.24	4	0.44	4	0.59	4	1.00	3	3.30	4	13.00	4	13.00	4	15.00	4
1947	0.00	3	0.00	3	0.00	3	0.39	3	1.20	4	1.90	3	2.20	3	2.30	3	2.90	1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
10	17	15	13	21	21	50	139	42	17	35	5.7
169	109	112	36	43	69	1490	23500	2990	916	4020	51
13	10	11	6.0	6.6	8.3	39	153	55	30	63	7.2
1.7	-0.15	0.74	1.4	-0.37	1.3	0.95	0.63	1.7	2.2	2.1	0.58
1.3	0.60	0.73	0.46	0.32	0.39	0.78	1.1	1.3	1.8	1.8	1.3
2.6	4.5	3.8	3.4	5.3	5.5	13	36	11	4.5	9.1	1.5

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.68	1.1	1.1	1.1	1.3	1.3	1.6	1.8	1.3	0.79	0.64	0.24
0.35	0.14	0.11	0.03	0.02	0.03	0.12	0.56	0.48	0.39	1.3	0.93
0.59	0.38	0.33	0.18	0.15	0.16	0.35	0.75	0.69	0.62	1.1	0.97
0.70	-1.4	0.33	0.80	-0.55	0.72	0.23	-0.51	0.07	1.8	0.50	-0.74
0.87	0.33	0.30	0.17	0.12	0.12	0.22	0.42	0.55	0.79	1.8	4.0
5.3	8.9	8.3	8.4	10	10	12	14	9.8	6.2	5.0	1.9

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
32	403	20	0.45	0.62	-0.623

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.4	0.09	0.30	-0.27	0.21	-0.575

06709500 PLUM CREEK NEAR LOUVIERS, COLO./

LOCATION.--Lat 39°29'04", long 105°00'07", in SE¼ sec.33, T.6 S., R.68 W., Douglas County, on downstream side of bridge on county road from U.S. Highway 85 to Louviers, 0.8 mi (1.3 km) northeast of Louviers, 1.2 mi (1.9 km) downstream from Indian Creek, and 7.5 mi (12.1 km) upstream from mouth.

DRAINAGE AREA.--302 mi² (782 km²).

REMARKS.--Diversions above station for irrigation.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PLUM CREEK NEAR LOUVIERS, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1948			5	6	22	5	7		3	4	3	14	13	11	30	28	43	40	40	16	14	26	15	3	10	7	1								
1949				2	4	12	12	5	17	11	15	23	25	29	32	39	44	26	17	9	12	10	5	4	4	7	1								
1950			21	34	26	13	7	4	4	7	11	39	56	59	24	37	21	1	1																
1951	13		32	51	21	11	10	8	13	13	34	38	17	29	24	17	12	3	13	5	1														
1952	11	12	35	17	25	10	17	10	11	9	20	51	34	24	7	19	9	4	9	2	5	6	7	4	8										
1953	6	25	18	32	47	6	8	4	3	10	16	45	50	32	10	11	4	4	8	9	5	1	3	3	4			1							
1954		18	26	53	15	11	27	17	22	13	19	18	61	53	4			1	1	1	1	1	1				1	1							
1955			10	28	88	6	18	14	19	43	31	44	17	5	10	3	2	6	4	2	1	2	2	2	1	6	1								
1956	22	36	36	19	20	11	10	8	11	12	30	50	63	18	5	7	2	1		3		1						1							
1957	8	12	42	19	6	4	3	4	14	15	17	35	39	15	8	12	12	10	7	8	8	14	12	6	12	11	7	3	2						
1958	16	33	13	5	6	2	6		3		4	4	13	16	66	65	41	25	13	5	8	4	13	3	1										
1959	35	37	13	6	8	3	9	1	2	9	36	30	30	11	7	26	17	11	17	6	6	14	13	3	15										
1960	1	26	6	1	2	1	1	8	23	17	10	12	27	35	36	30	15	9	15	4	12	3	10	18	22	10	8	4							
1961									2	9	1	11	10	6	10	60	51	72	47	31	13	11	17	4	4	5	1								
1962		39	14		4	3	5	5	6	8	1	2	7	15	16	28	79	63	29	11	4	9	7	8	2										
1963	12	75	29	1	7	14	12	8	5	33	18	24	35	29	26	25	12																		
1964	9	99	21	3	6	4	4	17	11	23	14	6	22	21	18	14	17	9	17	16	8	7													
1965		22	17	4	2		2	1	2	7	19	42	32	38	18	9	19	27	39	10	11	15	12	6	5	3		1				1	1		
1966				11	16	9	10	6	10	14	18	13	7	13	27	31	67	73	35	3	1					1									
1967				2	6	2	6	13	14	27	18	19	72	52	20	21	15	12	16	25	13	6	6												
1968					38	8	4	4	2	3	15	34	16	35	56	26	55	13	15	17	8	14	3												
1969					7	1	1	6	6	10	34	44	59	50	10	31	21	5	17	8	9	15	12	2	2	2	7	2	1	1	2				
1970			22	4	1	3	2	1	3	5	3		3	21	12	15	21	64	56	50	26	17	21	12	3										
1971				1	49	4	5	8	4	2	1	10	2	12	5	18	136	26	27	2	7	5	19	12	10										
1972			1	5	40	33	6	7	2	11	16	11	30	66	68	36	12	4	11	3	3	1													
1973			1	6	8	10	1		2	3	1	1	13	28	37	75	20	16	32	23	10	9	15	4	6	8	9	4	5	9	3	5	1		
1974		1	9	5			4	1	1	6	6	13	12	14	14	18	33	48	80	13	13	20	19	8	9	8	9	1							
1975			1		23	3	17		6	10	4	5	8	9	18	67	63	33	30	12	22	16	6	8	2		2								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	133	10227	100.0	9	2.00	334	7691	75.2	18	30.0	596	1950	19.1	27	450	18	49	.4
1	0.10	435	10094	98.7	10	2.70	415	7357	71.9	19	41.0	294	1354	13.2	28	610	8	31	.3
2	0.20	372	9659	94.4	11	3.70	638	6942	67.9	20	55.0	221	1060	10.4	29	820	10	23	.2
3	0.30	315	9287	90.8	12	5.00	773	6304	61.6	21	74.0	227	839	8.2	30	1100	5	13	.1
4	0.40	497	8972	87.7	13	6.70	746	5531	54.1	22	100.0	218	612	6.0	31	1500	6	8	
5	0.60	189	8475	82.9	14	9.00	618	4785	46.8	23	140.0	110	394	3.9	32	2000	2	2	
6	0.80	214	8286	81.0	15	12.00	768	4167	40.7	24	180.0	120	284	2.8	33				
7	1.10	160	8072	78.9	16	16.00	843	3399	33.2	25	250.0	68	164	1.6	34				
8	1.50	221	7912	77.4	17	22.00	606	2556	25.0	26	330.0	47	96	0.9					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PLUM CREEK NEAR LOUVIERS, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1948	330.0	14	320.0	8	293.0	7	254.0	7	193.0	7	140.0	7	109.0	7	88.0	7	64.0	7
1949	362.0	10	287.0	11	275.0	10	194.0	11	120.0	13	105.0	12	82.0	12	68.0	12	49.0	11
1950	35.0	27	28.0	27	19.0	27	16.0	27	14.0	27	13.0	26	12.0	26	11.0	26	9.8	25
1951	59.0	26	43.0	26	41.0	26	38.0	24	30.0	24	21.0	25	17.0	24	14.0	24	10.0	24
1952	235.0	16	220.0	14	197.0	13	134.0	16	96.0	17	76.0	14	54.0	15	41.0	16	29.0	17
1953	570.0	6	241.0	12	181.0	15	125.0	18	84.0	18	49.0	20	38.0	20	32.0	19	23.0	19
1954	453.0	9	173.0	19	77.0	22	46.0	22	41.0	22	22.0	24	15.0	25	12.0	25	9.5	26
1955	355.0	11	299.0	10	293.0	8	206.0	10	116.0	15	60.0	17	41.0	19	32.0	20	22.0	20
1956	526.0	7	208.0	15	91.0	20	43.0	23	24.0	26	12.0	27	9.3	28	8.0	28	7.5	28
1957	720.0	4	666.0	4	545.0	4	410.0	4	349.0	4	241.0	4	172.0	4	138.0	4	94.0	4
1958	195.0	19	165.0	20	148.0	18	131.0	17	104.0	16	68.0	16	52.0	16	43.0	15	32.0	15
1959	230.0	17	223.0	13	215.0	12	207.0	9	168.0	8	118.0	9	88.0	10	70.0	11	48.0	12
1960	599.0	5	562.0	5	457.0	5	337.0	6	258.0	6	251.0	3	202.0	3	159.0	3	109.0	3
1961	342.0	13	326.0	7	291.0	9	222.0	8	158.0	10	117.0	10	91.0	8	76.0	8	60.0	8
1962	194.0	20	187.0	18	176.0	16	154.0	15	118.0	14	76.0	15	59.0	14	51.0	14	40.0	14
1963	21.0	28	19.0	28	18.0	28	15.0	28	13.0	28	12.0	28	11.0	27	9.4	27	7.6	27
1964	83.0	25	81.0	24	77.0	23	65.0	21	53.0	21	42.0	21	33.0	21	28.0	21	20.0	22
1965	11600.0	1	4670.0	1	2150.0	1	1080.0	2	590.0	2	329.0	2	236.0	2	184.0	2	127.0	2
1966	256.0	15	94.0	23	45.0	25	32.0	26	30.0	23	29.0	22	28.0	22	25.0	22	21.0	21
1967	125.0	22	111.0	21	90.0	21	68.0	20	64.0	20	58.0	18	44.0	17	39.0	17	27.0	18
1968	108.0	23	105.0	22	98.0	19	91.0	19	75.0	19	57.0	19	44.0	18	38.0	18	29.0	16
1969	1460.0	3	1280.0	3	852.0	3	585.0	3	351.0	3	217.0	5	155.0	6	121.0	6	82.0	6
1970	190.0	21	189.0	17	169.0	17	160.0	14	141.0	11	111.0	11	88.0	11	73.0	9	58.0	9
1971	195.0	18	191.0	16	185.0	14	183.0	12	160.0	9	120.0	8	90.0	9	73.0	10	54.0	10
1972	89.0	24	59.0	25	46.0	24	37.0	25	26.0	25	22.0	23	17.0	23	16.0	23	13.0	23
1973	2020.0	2	1610.0	2	1340.0	2	1230.0	1	979.0	1	610.0	1	433.0	1	335.0	1	229.0	1
1974	481.0	8	430.0	6	379.0	6	360.0	5	285.0	5	190.0	6	157.0	5	127.0	5	93.0	5
1975	350.0	12	300.0	9	220.0	11	166.0	13	130.0	12	99.0	13	78.0	13	66.0	13	48.0	13

06709500 PLUM CREEK NEAR LOUVIERS, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PLUM CREEK NEAR LOUVIERS, CO.

YEAR	1	3	7	14	30	60	90	120	183
1949	0.20 16	0.20 13	0.23 15	0.30 16	0.37 14	0.86 14	1.80 15	2.90 16	4.90 17
1950	0.30 20	0.33 18	0.61 21	0.68 21	1.30 20	1.50 17	2.40 18	3.20 17	5.80 18
1951	0.20 17	0.20 14	0.20 13	0.22 12	0.28 12	0.29 9	0.31 6	0.32 4	0.90 3
1952	0.00 1	0.00 1	0.00 1	0.06 5	0.25 10	0.31 10	1.00 13	1.30 12	2.10 9
1953	0.00 2	0.00 2	0.01 6	0.09 6	0.15 6	0.17 6	0.29 5	0.29 3	0.65 2
1954	0.10 9	0.10 8	0.10 8	0.11 10	0.16 7	0.26 8	0.44 9	0.89 9	2.80 11
1955	0.10 10	0.10 9	0.10 9	0.13 11	0.27 11	0.32 11	0.34 8	0.47 6	1.30 6
1956	0.20 18	0.27 16	0.29 16	0.29 15	0.37 13	0.42 12	0.95 12	1.50 13	2.10 10
1957	0.00 3	0.00 3	0.00 2	0.05 4	0.06 3	0.12 3	0.16 3	0.17 2	0.99 4
1958	0.90 23	0.97 23	1.40 23	2.20 23	3.50 24	5.80 24	8.50 24	8.80 23	9.50 21
1959	0.00 4	0.00 4	0.00 3	0.00 1	0.05 2	0.07 1	0.12 2	0.58 7	2.00 7
1960	0.00 5	0.00 5	0.00 4	0.01 2	0.04 1	0.14 5	0.19 4	0.72 8	3.10 12
1961	0.10 11	0.10 10	0.10 10	0.10 8	0.20 9	0.99 16	1.80 14	4.10 19	7.60 19
1962	4.40 25	6.20 25	11.00 27	15.00 27	16.00 27	18.00 27	20.00 26	21.00 26	23.00 25
1963	0.10 12	0.10 11	0.10 11	0.10 9	0.18 8	0.24 7	0.64 10	1.00 11	2.10 8
1964	0.00 6	0.00 6	0.04 7	0.09 7	0.10 5	0.12 4	0.33 7	0.41 5	0.47 1
1965	0.00 7	0.00 7	0.00 5	0.04 3	0.07 4	0.09 2	0.10 1	0.12 1	1.10 5
1966	5.30 26	6.20 26	7.70 25	8.40 25	13.00 26	15.00 25	15.00 25	16.00 25	19.00 24
1967	0.30 19	0.30 17	0.34 17	0.44 20	1.10 19	2.20 19	3.00 19	3.40 18	4.10 15
1968	0.73 22	0.88 22	0.98 22	1.30 22	1.80 22	3.70 21	6.10 21	6.80 20	8.40 20
1969	0.43 21	0.43 21	0.43 20	0.43 18	0.57 18	1.60 18	2.30 17	2.00 14	3.10 13
1970	1.70 24	2.00 24	2.20 24	2.70 24	3.30 23	4.20 23	7.50 23	12.00 24	25.00 26
1971	0.20 13	0.23 15	0.23 14	0.23 13	0.53 17	4.00 22	6.40 22	8.10 22	12.00 23
1972	0.20 14	0.40 20	0.40 19	0.40 17	0.43 15	0.87 15	2.00 16	2.60 15	4.90 16
1973	0.20 15	0.34 19	0.38 18	0.44 19	0.47 16	0.70 13	0.78 11	0.90 10	3.80 14
1974	7.50 27	7.90 27	9.10 26	10.00 26	11.00 25	18.00 26	21.00 27	22.00 27	25.00 27
1975	0.10 8	0.17 12	0.20 12	0.23 14	1.60 21	3.50 20	5.40 20	7.20 21	10.00 22

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
7.5	10	11	10	14	25	56	124	57	14	8.1	4.1
100	160	86	49	85	977	2890	33500	12700	284	161	78
10	13	9.3	7.0	9.2	31	54	183	113	17	13	8.8
1.4	2.6	1.7	1.2	1.5	3.1	1.2	3.6	4.0	1.6	2.4	3.1
1.3	1.2	0.87	0.70	0.67	1.3	0.96	1.5	2.0	1.2	1.6	2.2
2.2	3.1	3.1	3.0	4.0	7.2	16	36	17	4.0	2.4	1.2

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.35	0.71	0.87	0.90	1.1	1.2	1.5	1.7	1.2	0.67	0.41	-0.03
0.64	0.39	0.17	0.09	0.08	0.16	0.25	0.49	0.58	0.60	0.56	0.56
0.80	0.62	0.41	0.31	0.28	0.40	0.50	0.70	0.76	0.77	0.75	0.75
-0.12	-0.69	-0.67	-0.07	0.16	0.56	-0.34	-0.83	-0.58	-0.37	-0.17	0.44
2.3	0.88	0.47	0.34	0.26	0.34	0.33	0.41	0.61	1.1	1.8	-27
3.3	6.7	8.2	8.5	9.9	11	14	16	12	6.4	3.8	-0.26

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
28	621	25	2.0	0.88	0.113

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.3	0.14	0.38	-0.09	0.29	0.205

06710000 SOUTH PLATTE RIVER AT LITTLETON, COLO.

LOCATION.--Lat 39°37'08", long 105°01'07", in NE¼ sec.17, T.5 S., R.68 W., Arapahoe County, on left bank 200 ft (61 m) downstream from Crestline Avenue Bridge at Littleton and 3.1 mi (5.0 km) upstream from Bear Creek.

DRAINAGE AREA.--3,069 mi^2 (7,949 km^2).

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs, power developments, diversions for irrigation and municipal use, and return flow from irrigated areas.

06710000 SOUTH PLATTE RIVER AT LITTLETON, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT LITTLETON, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR															NUMBER OF DAYS IN CLASS																				
1942								3	4	16	18	29	23	16	12	24	24	32	23	10	18	16	9	12	4	3	7	16	14	6	13	8	2	2	1
1943						2	3	9	1	4	19	29	38	33	75	31	38	27	34	18	3	1													
1944			4	8	2	4	9	16	32	43	34	34	24	15	18	10	11	14	14	14	11	9	6	11	16	3	4								
1945				1	5	22	24	20	18	39	33	31	23	16	18	17	26	10	12	7	6	6	6	2	6	5	4	6	1	1					
1946						1	3	1	8	10	31	57	56	40	58	21	30	19	12	8	3	6	1												
1947							5	3	10	24	19	20	19	24	44	23	21	12	5	9	16	20	21	21	15	21	8	1	3	1					
1948									2	10	6	8	28	16	30	27	47	30	31	23	19	12	4	5	16	32	9	5	5	1					
1949									5	20	54	73	42	14	17	6	11	18	8	7	14	11	5	7	12	11	7	7	4	3	3	5	1		
1950					6	4	22	13	13	46	24	33	46	41	42	32	13	11	12	6	1														
1951					5	12	18	30	50	36	27	29	28	18	17	26	18	18	13	8	11	1													
1952				1	2	19	57	36	42	18	11	12	4	10	22	8	29	24	24	18	6	14	8	1											
1953					6	48	69	53	21	24	14	3	3	7	7	18	20	19	18	15	5	11	3	1											
1954			1	9	12	34	83	44	36	19	14	21	24	16	22	6	14	5	2	2				1											
1955			3	53	70	17	13	13	17	17	8	12	20	13	14	15	21	12	14	15	6	1	9	2											
1956		9	5	5	33	54	52	34	18	18	18	9	13	17	16	11	16	14	12	6	3	2	1												
1957		13	12	29	43	52	9	15	7	9	7	12	2	5	2	4	9	6	7	3	3	5	19	32	31	23	3	3							
1958							1	4	17	50	42	29	19	18	21	28	28	26	14	10	6	11	4	8	9	9	7	4							
1959					2	4	31	60	48	38	14	10	11	11	17	18	27	25	13	17	11	5	3												
1960					1	2	6	24	36	71	21	15	12	13	11	9	13	16	15	28	29	24	9	6	5										
1961							2	1	12	24	32	58	29	34	29	20	28	22	21	25	12	12	2	1	1										
1962						1	5	10	7	6	1	17	36	23	28	29	49	43	38	20	12	10	15	8	7										
1963			2	11	7	13	27	53	90	46	18	10	19	20	21	8	10	8	2																
1964					1	14	13	46	47	40	30	22	21	18	19	34	29	10	11	2	2	3	4												
1965					7	31	30	45	36	27	17	2	1	1	4	2	4	13	20	11	26	31	23	17	7	5	2		1					1	1
1966								1	33	55	61	38	31	15	38	24	33	14	14	3	3	2													
1967					1	2	16	20	35	58	47	42	26	14	15	5	38	20	11	13	2														
1968							2	2	37	70	40	33	32	19	29	12	22	16	17	10	9	11	4	1											
1969					3	6	5	23	37	59	15	18	33	11	10	10	7	9	16	15	24	16	8	4	14	7	3	3	4	3		2			
1970											3	8	14	28	48	35	26	11	8	23	22	34	22	7	12	15	18	21	4	3	1	2			
1971										10	30	49	61	19	24	13	28	19	44	27	25	9	4	3											
1972					1			9	24	91	65	27	12	20	27	22	18	14	15	17	1	1	2												
1973							1	1	6	65	66	32	30	10	5	6	7	11	12	10	15	5	9	15	8	5	6	8	8	4	11	7	1	1	
1974						2	2	4	5	6	23	68	51	26	25	21	42	27	19	17	16	6	5												
1975									7	63	73	39	21	16	14	13	37	15	19	10	11	8	7	6	3	3									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	12418	100.0	9	39.00	1132	9839	79.2	18	270.0	550	2603	21.0	27	1800	74	202	1.6
1	7.10	22	12418	100.0	10	49.00	935	8707	70.1	19	330.0	427	2053	16.5	28	2200	44	128	1.0
2	8.90	27	12396	99.8	11	60.00	929	7772	62.6	20	410.0	351	1626	13.1	29	2700	22	84	.6
3	11.00	117	12369	99.6	12	74.00	852	6843	55.1	21	500.0	303	1275	10.3	30	3400	28	62	.4
4	14.00	207	12252	98.7	13	92.00	617	5991	48.2	22	620.0	213	972	7.8	31	4200	24	34	.2
5	17.00	344	12045	97.0	14	110.00	799	5374	43.3	23	770.0	171	759	6.1	32	5200	4	10	
6	21.00	508	11701	94.2	15	140.00	588	4575	36.8	24	950.0	166	588	4.7	33	6400	4	6	
7	26.00	593	11193	90.1	16	170.00	794	3987	32.1	25	1200.0	142	422	3.4	34	7900	2	2	
8	32.00	761	10600	85.4	17	220.00	590	3193	25.7	26	1500.0	78	280	2.3					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT LITTLETON, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1942	7940.0	2	7050.0	1	5780.0	1	5100.0	1	4420.0	1	3350.0	1	2620.0	1	2080.0	1	1460.0	1
1943	520.0	30	466.0	30	432.0	28	369.0	26	289.0	28	251.0	27	251.0	23	247.0	23	198.0	23
1944	1750.0	12	1620.0	12	1510.0	12	1280.0	12	1100.0	12	839.0	12	673.0	11	559.0	11	400.0	11
1945	2890.0	9	2300.0	9	1990.0	9	1710.0	9	1380.0	8	891.0	11	641.0	12	509.0	12	381.0	12
1946	663.0	28	587.0	26	490.0	25	401.0	24	290.0	27	256.0	26	216.0	28	202.0	28	166.0	26
1947	2910.0	8	2660.0	8	2250.0	8	1760.0	8	1510.0	6	1240.0	7	1120.0	6	978.0	7	726.0	6
1948	2930.0	7	2670.0	7	2310.0	7	2110.0	6	1670.0	5	1490.0	5	1240.0	5	1030.0	5	767.0	5
1949	5590.0	4	5210.0	3	4660.0	2	3750.0	3	2680.0	3	1920.0	4	1470.0	4	1180.0	4	814.0	4
1950	425.0	33	365.0	33	322.0	32	300.0	32	248.0	32	210.0	31	179.0	31	156.0	32	131.0	31
1951	506.0	31	473.0	29	422.0	29	367.0	27	292.0	26	233.0	29	240.0	25	220.0	26	166.0	27
1952	772.0	22	740.0	20	677.0	18	636.0	16	500.0	16	391.0	18	368.0	17	337.0	17	255.0	18
1953	786.0	21	712.0	21	673.0	19	520.0	21	438.0	21	351.0	21	330.0	19	289.0	20	202.0	22
1954	875.0	18	401.0	32	266.0	33	223.0	34	176.0	34	124.0	34	129.0	33	117.0	33	87.0	33
1955	936.0	17	749.0	19	728.0	16	537.0	19	396.0	22	288.0	23	223.0	26	242.0	24	197.0	24
1956	712.0	26	546.0	27	468.0	26	362.0	28	305.0	25	264.0	25	210.0	29	179.0	30	130.0	32
1957	2080.0	11	1980.0	11	1740.0	11	1490.0	11	1290.0	11	1150.0	8	1050.0	7	985.0	6	697.0	7
1958	2140.0	10	2070.0	10	1870.0	10	1640.0	10	1390.0	7	1010.0	10	767.0	10	617.0	10	436.0	10
1959	690.0	27	658.0	23	582.0	22	420.0	23	342.0	23	304.0	22	273.0	22	275.0	22	210.0	21
1960	1190.0	14	1080.0	14	867.0	15	662.0	15	654.0	15	573.0	14	534.0	13	480.0	13	359.0	13
1961	972.0	16	813.0	16	602.0	21	516.0	22	475.0	18	397.0	17	336.0	18	313.0	18	267.0	17
1962	1060.0	15	994.0	15	952.0	14	907.0	14	816.0	13	583.0	13	500.0	14	440.0	14	341.0	14
1963	320.0	34	296.0	34	253.0	34	231.0	33	178.0	33	135.0	33	105.0	34	102.0	34	83.0	34
1964	740.0	24	690.0	22	497.0	24	380.0	25	280.0	30	224.0	30	217.0	27	209.0	27	162.0	28
1965	10200.0	1	6750.0	2	3740.0	4	2200.0	5	1370.0	9	1070.0	9	920.0	9	792.0	9	614.0	8

06710000 SOUTH PLATTE RIVER AT LITTLETON, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT LITTLETON, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1966	556.0	29	516.0	28	394.0	30	317.0	30	257.0	31	170.0	32	163.0	32	164.0	31	134.0	30
1967	462.0	32	434.0	31	350.0	31	315.0	31	288.0	29	246.0	28	197.0	30	198.0	29	158.0	29
1968	860.0	19	760.0	18	647.0	20	570.0	17	491.0	17	369.0	20	301.0	21	279.0	21	219.0	20
1969	4910.0	5	4230.0	5	2970.0	6	2030.0	7	1350.0	10	1280.0	6	1010.0	8	853.0	8	599.0	9
1970	4610.0	6	4200.0	6	3020.0	5	2720.0	4	2260.0	4	1950.0	3	1640.0	3	1370.0	3	993.0	3
1971	854.0	20	809.0	17	716.0	17	553.0	18	443.0	20	400.0	16	386.0	16	357.0	16	290.0	15
1972	736.0	25	641.0	24	437.0	27	337.0	29	307.0	24	280.0	24	250.0	24	221.0	25	170.0	25
1973	6550.0	3	5130.0	4	4580.0	3	4220.0	2	3680.0	2	2580.0	2	2010.0	2	1600.0	2	1100.0	2
1974	765.0	23	635.0	25	576.0	23	524.0	20	456.0	19	374.0	19	323.0	20	293.0	19	253.0	19
1975	1350.0	13	1290.0	13	1140.0	13	923.0	13	711.0	14	517.0	15	421.0	15	366.0	15	283.0	16

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT LITTLETON, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1943	40.00	31	49.00	31	56.00	32	57.00	30	73.00	31	88.00	30	102.00	30	102.00	30	115.00	30
1944	9.00	2	9.90	2	11.00	3	12.00	2	21.00	5	28.00	12	38.00	15	43.00	16	44.00	13
1945	12.00	7	15.00	10	16.00	7	18.00	7	21.00	6	26.00	9	35.00	13	39.00	13	43.00	12
1946	17.00	18	24.00	20	42.00	29	54.00	28	57.00	27	65.00	28	71.00	29	78.00	27	96.00	27
1947	20.00	21	21.00	17	25.00	18	34.00	19	42.00	23	54.00	24	69.00	27	82.00	29	84.00	24
1948	37.00	30	40.00	30	47.00	30	68.00	32	96.00	33	113.00	33	133.00	33	152.00	33	171.00	31
1949	34.00	28	36.00	26	38.00	25	45.00	27	56.00	26	59.00	26	62.00	24	64.00	23	65.00	22
1950	26.00	24	29.00	23	31.00	19	37.00	23	40.00	20	54.00	25	64.00	25	73.00	26	85.00	25
1951	15.00	13	15.00	11	16.00	8	20.00	12	23.00	11	24.00	8	27.00	8	32.00	9	39.00	9
1952	12.00	8	14.00	8	17.00	9	18.00	8	21.00	7	22.00	4	26.00	7	27.00	6	39.00	10
1953	15.00	14	17.00	13	18.00	11	19.00	9	21.00	8	22.00	5	22.00	4	24.00	4	29.00	5
1954	14.00	9	15.00	9	18.00	12	19.00	10	21.00	9	22.00	6	23.00	5	24.00	5	31.00	6
1955	10.00	3	11.00	5	12.00	4	13.00	3	13.00	2	14.00	2	14.00	1	16.00	2	22.00	2
1956	10.00	4	10.00	3	12.00	5	15.00	5	16.00	3	18.00	3	20.00	3	21.00	3	28.00	3
1957	7.20	1	7.50	1	7.50	1	7.60	1	8.60	1	13.00	1	14.00	2	15.00	1	16.00	1
1958	27.00	25	36.00	27	38.00	26	40.00	24	44.00	25	46.00	23	49.00	22	64.00	24	96.00	28
1959	18.00	19	19.00	16	21.00	15	23.00	15	25.00	14	27.00	10	30.00	9	32.00	10	35.00	8
1960	15.00	15	17.00	14	22.00	16	25.00	16	35.00	17	39.00	17	40.00	16	43.00	17	59.00	20
1961	16.00	17	22.00	18	25.00	17	28.00	17	29.00	16	37.00	16	56.00	23	56.00	22	57.00	19
1962	66.00	33	66.00	33	67.00	33	71.00	33	78.00	32	108.00	32	122.00	32	136.00	32	175.00	32
1963	10.00	5	10.00	4	11.00	2	13.00	4	21.00	10	28.00	13	31.00	10	31.00	8	33.00	7
1964	11.00	6	14.00	6	19.00	13	20.00	13	24.00	12	27.00	11	32.00	11	35.00	11	42.00	11
1965	14.00	10	16.00	12	16.00	6	17.00	6	18.00	4	24.00	7	25.00	6	28.00	7	29.00	4
1966	30.00	26	32.00	25	34.00	21	34.00	20	40.00	21	44.00	21	44.00	19	46.00	18	81.00	23
1967	15.00	16	18.00	15	20.00	14	22.00	14	25.00	13	30.00	15	38.00	14	39.00	14	46.00	14
1968	22.00	22	24.00	21	34.00	22	36.00	21	38.00	18	42.00	18	43.00	17	43.00	15	52.00	18
1969	14.00	11	14.00	7	17.00	10	19.00	11	26.00	15	29.00	14	33.00	12	36.00	12	51.00	16
1970	37.00	29	39.00	29	39.00	27	43.00	26	71.00	30	101.00	31	110.00	31	131.00	31	212.00	33
1971	48.00	32	51.00	32	53.00	31	58.00	31	62.00	29	65.00	29	69.00	26	73.00	25	101.00	29
1972	14.00	12	29.00	24	35.00	23	36.00	22	39.00	19	42.00	19	43.00	18	47.00	19	48.00	15
1973	30.00	27	38.00	28	40.00	28	41.00	25	41.00	22	44.00	20	46.00	20	49.00	20	52.00	17
1974	22.00	23	27.00	22	38.00	24	57.00	29	61.00	28	64.00	27	70.00	28	80.00	28	89.00	26
1975	18.00	20	22.00	19	32.00	20	33.00	18	43.00	24	46.00	22	49.00	21	51.00	21	60.00	21

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
97	94	63	51	56	78	302	650	578	381	305	116
6700	7640	1730	798	1250	4810	285000	650000	374000	90900	64700	8180
82	87	42	28	35	69	534	806	612	302	254	90
1.3	2.8	1.7	1.2	1.6	2.0	4.3	2.4	1.5	1.5	2.4	1.1
0.84	0.93	0.66	0.55	0.63	0.89	1.8	1.2	1.1	0.79	0.83	0.78
3.5	3.4	2.3	1.8	2.0	2.8	11	23	21	14	11	4.2

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.8	1.9	1.7	1.6	1.7	1.8	2.2	2.6	2.5	2.5	2.4	1.9
0.13	0.09	0.07	0.06	0.07	0.11	0.19	0.18	0.19	0.11	0.10	0.13
0.37	0.29	0.26	0.24	0.26	0.33	0.44	0.42	0.43	0.33	0.32	0.37
0.12	0.89	0.14	-0.23	-0.01	0.39	0.90	0.63	0.42	-0.11	0.09	-0.16
0.20	0.16	0.15	0.15	0.16	0.18	0.20	0.16	0.17	0.14	0.13	0.19
7.5	7.6	7.0	6.7	6.8	7.2	9.0	11	10	10	9.6	7.8

06710000 SOUTH PLATTE RIVER AT LITTLETON, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
232	30800	176	1.6	0.76	0.076

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.3	0.08	0.29	0.41	0.13	0.147

06710500 BEAR CREEK AT MORRISON, COLO.

LOCATION.--Lat 39°39'11", long 105°11'43", in SE¼SW¼ sec.35, T.4 S., R.70 W., Jefferson County, on left bank at Morrison, 180 ft (55 m) upstream from bridge on U.S. Highway 285 and 0.2 mi (0.3 km) upstream from Mount Vernon Creek.

DRAINAGE AREA.--164 mi² (425 km²).

REMARKS.--Small diversions for irrigation of about 1,000 acres (4.05 km²) above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BEAR CREEK AT MORRISON, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR															NUMBER OF DAYS IN CLASS																				
1901													7	100	52	31	35	24	18	10	11	5	52	16	3	1									
1920										1	2	1	7	30	81	29	26	27	11	17	23	25	24	15	11	20	11	5							
1922													2	24	40	76	31	19	29	24	35	38	43	4											
1923															59		42	79	11	11	10	7	9	15	30	42	27	12	11						
1924													1	2	11	22	18	78	16	52	18	28	32	20	10	23	21	12	2						
1925										1			5	69	112	51	29	34	16	18	10	11	8	1											
1926															28	34	27	31	26	23	32	21	25	10	29	15	8	32	21	3					
1927													1	2	73	56	21	29	42	32	44	41	23	1											
1928										5	34	5	1	1	41	52	45	46	24	11	19	21	16	10	5	15	15								
1929												28		62	47	50	44	19	14	13	23	17	26	9	4	5	2	2							
1930													5	64	44	30	17	32	30	74	22	13	10	9	5	5	5								
1931													4	71	49	38	33	22	33	37	12	4	13	18	12	14	5								
1932										29	20	31		54	46	30	29	24	32	53	11	7													
1933							20		35	37		36	6	9	18	35	5	26	16	26	11	14	13	9	13	13	12	5	5		1				
1934												3	1	83	82	63	27	25	30	23	9	7	11				1								
1935							4		3	22	15	51	55	45	15	14	12	16	25	11	22	16	7	11	3	10	6	2							
1936								2	3	42	16	7	7	7	26	27	33	40	17	19	15	24	9	25	16	19	6	3	3						
1937									4	5	37	7	14	47	14	24	34	44	38	29	20	18	9	10	2	6	3								
1938													19	53	58	44	19	2	7	10	9	26	14	18	20	23	14	15	3	4	5	2			
1939											10	9	16	35	26	47	41	30	28	22	36	23	34	5	2	1									
1940		1	1		2			2	5	8	12	40	41	23	63	58	64	19	26				1												
1941												12	37	35	19	27	28	22	38	35	16	21	11	4	13	27	15	4					1		
1942														1	53	34	31	28	39	17	19	26	12	5	20	10	11	18	19	12	7	3			
1943													29	6	79	46	30	21	42	49	8	4	29	11	7	4									
1944									4	6	12	28	23	43	65	42	15	9	8	7	17	17	14	7	3	17	14	4	6	5					
1945									1	5	9	23	38	63	35	25	3	3	38	48	39	10	10	11	2	2									
1946													7	30	58	46	49	69	58	46	1		1												
1947													1	20	57	40	62	29	11	10	11	20	28	16	25	18	10	5	2						
1948														10	93	40	47	24	16	22	18	23	11	16	22	11	7	4	2						
1949												5	21	35	50	93	29	5	17	5	4	1	15	13	3	8	25	13	6	1	8	6	1	1	
1950								1	15	9	11	16	17	63	66	50	29	28	32	15	11	2													
1951					1	1	1	3	3	8	34	15	34	64	24	16	13	17	33	22	22	20	18	13	3										
1952								1		4	10	17	48	22	64	30	38	22	21	11	7	7	11	9	13	11	13	7							
1953											12	38	66	77	20	27	11	7	17	16	24	26	21	1	2										
1954										3	11	22	72	130	63	37	13	9	4	1															
1955										4	20	35	34	96	47	26	21	12	18	17	7	11	13	4											
1956										5	22	49	29	66	45	38	24	17	29	17	12	12	1												
1957										13	14	34	51	66	11	5	1	1	1	7	13	18	14	18	28	16	13	6	21	10	3	1			
1958											3	19	16	71	40	56	29	34	22	7	5	5	17	8	3	8	9	9	4						
1959								1	1	8	6	12	14	54	47	44	26	34	39	17	28	24	9	1											
1960											1	9	27	40	34	32	37	41	28	21	31	26	12	15	7	5									
1961												1	32	43	52	42	10	13	12	11	21	29	37	32	18	12									
1962												2	12	23	36	62	48	32	27	50	28	21	17	7											
1963							1	2	3	18	15	28	59	52	88	30	10	15	14	20	5	3	1	1											
1964											6	33	47	51	32	31	51	30	34	23	20	7	1												
1965									1		21	31	41	75	15	7	8	4	8	11	34	21	19	12	11	15	13	10	5	3					
1966														74	49	71	92	44	24	8	3														
1967							2				25	39	41	38	49	19	14	18	24	29	33	27	7												
1968													3	39	50	43	53	65	37	15	31	16	14												
1969											1	3	22	81	29	34	39	20	31	16	11	8	4	3	1	9	7	9	14	13	4	3	1		2
1970																21	77	24	33	34	39	32	19	18	10	17	18	18	4	1					

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BEAR CREEK AT MORRISON, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1971													7	30	58	41	44	76	23	13	27	21	22	3											
1972										1		6	15	39	54	63	55	55	41	14	10	11	2												
1973													8	77	35	57	37	16	11	10	14	18	13	12	12	9	11	8	4	5	5	3			
1974													4	57	79	50	40	45	14	26	23	15	9	3											
1975												10	53	56	51	46	20	31	13	21	14	23	5	10	10	2									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	20454	100.0	9	4.90	231	20312	99.3	18	37.0	1459	7392	36.1	27	290	206	460	2.2
1	0.80	1	20454	100.0	10	6.10	392	20081	98.2	19	47.0	1182	5933	29.0	28	360	136	254	1.2
2	1.00	1	20453	100.0	11	7.70	726	19689	96.3	20	59.0	988	4751	23.2	29	450	56	118	.5
3	1.30	0	20452	100.0	12	9.60	1031	18963	92.7	21	74.0	890	3763	18.4	30	570	33	62	.3
4	1.60	3	20452	100.0	13	12.00	2396	17932	87.7	22	93.0	824	2873	14.0	31	710	20	29	.1
5	2.00	2	20449	100.0	14	15.00	2571	15536	76.0	23	120.0	479	2049	10.0	32	890	6	9	
6	2.50	29	20447	100.0	15	19.00	2191	12965	63.4	24	150.0	384	1570	7.7	33	1100	1	3	
7	3.10	13	20418	99.8	16	24.00	1824	10774	52.7	25	180.0	424	1186	5.8	34	1400	2	2	
8	3.90	93	20405	99.8	17	30.00	1558	8950	43.8	26	230.0	302	762	3.7					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BEAR CREEK AT MORRISON, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1901	187.0	34	153.0	33	135.0	35	122.0	35	119.0	33	116.0	28	103.0	26	86.0	27	66.0	31
1920	332.0	20	327.0	20	307.0	19	279.0	17	238.0	17	196.0	18	159.0	16	138.0	17	107.0	16
1922	135.0	41	123.0	40	116.0	39	103.0	41	99.0	39	94.0	34	82.0	35	82.0	31	71.0	25
1923	435.0	13	415.0	12	408.0	10	370.0	10	308.0	9	262.0	8	251.0	7	234.0	7	184.0	5
1924	366.0	18	362.0	16	343.0	15	323.0	13	283.0	12	247.0	10	210.0	9	174.0	11	126.0	11
1925	122.0	43	116.0	42	107.0	42	92.0	44	81.0	46	61.0	46	49.0	48	43.0	48	34.0	51
1926	493.0	11	482.0	10	439.0	8	418.0	8	377.0	6	353.0	6	299.0	6	262.0	5	193.0	3
1927	120.0	44	107.0	43	103.0	44	96.0	43	91.0	42	77.0	42	71.0	40	75.0	35	66.0	32
1928	287.0	23	276.0	23	265.0	21	240.0	21	228.0	20	176.0	20	143.0	21	122.0	20	91.0	20
1929	332.0	21	304.0	21	250.0	23	203.0	25	161.0	26	129.0	26	100.0	27	84.0	29	68.0	30
1930	282.0	24	257.0	24	235.0	24	205.0	24	161.0	27	118.0	27	92.0	32	82.0	30	69.0	26
1931	246.0	27	238.0	25	229.0	25	225.0	23	198.0	22	161.0	21	129.0	22	108.0	23	81.0	23
1932	92.0	53	84.0	49	70.0	50	59.0	50	58.0	50	56.0	48	53.0	46	49.0	44	40.0	44
1933	600.0	8	405.0	13	368.0	12	314.0	14	272.0	14	210.0	15	175.0	15	142.0	16	105.0	17
1934	274.0	25	106.0	44	104.0	43	99.0	42	82.0	45	65.0	45	54.0	45	47.0	47	37.0	48
1935	305.0	22	288.0	22	258.0	22	232.0	22	194.0	23	136.0	23	112.0	24	95.0	24	69.0	27
1936	394.0	14	379.0	15	332.0	16	252.0	19	199.0	21	158.0	22	158.0	17	145.0	15	108.0	15
1937	263.0	26	235.0	26	213.0	26	166.0	29	136.0	29	113.0	30	94.0	30	80.0	33	62.0	33
1938	833.0	5	673.0	5	611.0	5	540.0	5	371.0	7	226.0	13	188.0	12	189.0	9	174.0	8
1939	189.0	33	172.0	32	149.0	32	120.0	36	104.0	37	90.0	37	77.0	36	66.0	39	50.0	41
1940	107.0	48	56.0	55	42.0	55	40.0	55	36.0	55	31.0	55	28.0	54	27.0	54	25.0	54
1941	1000.0	4	547.0	7	367.0	13	266.0	18	232.0	18	228.0	11	183.0	13	154.0	14	117.0	13
1942	816.0	6	695.0	4	648.0	4	584.0	4	517.0	4	441.0	2	364.0	1	305.0	1	221.0	1
1943	222.0	29	201.0	29	184.0	29	161.0	30	135.0	30	114.0	29	94.0	31	81.0	32	62.0	34
1944	517.0	10	503.0	9	474.0	7	423.0	7	332.0	8	256.0	9	199.0	11	163.0	12	115.0	14
1945	211.0	30	183.0	31	162.0	31	138.0	31	122.0	32	92.0	36	75.0	38	71.0	37	61.0	35
1946	100.0	50	68.0	53	54.0	53	51.0	52	49.0	52	41.0	52	38.0	52	35.0	52	34.0	49
1947	374.0	17	360.0	17	325.0	17	298.0	15	260.0	15	212.0	14	181.0	14	159.0	13	119.0	12
1948	378.0	16	355.0	18	302.0	20	240.0	20	229.0	19	190.0	19	158.0	18	134.0	18	98.0	19
1949	1180.0	2	1030.0	2	854.0	3	767.0	1	558.0	2	407.0	3	332.0	3	267.0	2	184.0	4
1950	88.0	54	79.0	51	66.0	51	59.0	51	56.0	51	49.0	51	43.0	50	38.0	51	30.0	52
1951	170.0	35	152.0	34	135.0	36	128.0	34	114.0	35	93.0	35	86.0	33	76.0	34	60.0	36
1952	357.0	19	347.0	19	320.0	18	283.0	16	253.0	16	200.0	16	156.0	19	126.0	19	90.0	21
1953	163.0	38	146.0	37	127.0	38	112.0	38	103.0	38	81.0	39	77.0	37	69.0	38	52.0	38
1954	56.0	56	45.0	56	37.0	56	30.0	56	26.0	56	20.0	56	17.0	56	18.0	56	16.0	56
1955	138.0	40	125.0	39	112.0	41	109.0	39	98.0	40	75.0	44	57.0	44	48.0	45	39.0	45
1956	100.0	51	83.0	50	80.0	49	77.0	49	66.0	49	52.0	50	43.0	51	42.0	49	34.0	50
1957	765.0	7	672.0	6	575.0	6	485.0	6	468.0	5	376.0	5	307.0	5	265.0	3	197.0	2
1958	394.0	15	381.0	14	354.0	14	326.0	12	273.0	13	196.0	17	147.0	20	117.0	21	84.0	22
1959	128.0	42	105.0	45	95.0	46	88.0	46	86.0	43	76.0	43	68.0	42	61.0	43	50.0	42
1960	203.0	32	201.0	30	184.0	30	170.0	28	146.0	28	111.0	32	97.0	28	90.0	26	68.0	28
1961	210.0	31	203.0	28	194.0	28	184.0	27	167.0	25	132.0	25	115.0	23	114.0	22	101.0	18
1962	139.0	39	134.0	38	130.0	37	117.0	37	104.0	36	84.0	38	74.0	39	64.0	40	51.0	39
1963	104.0	49	71.0	52	53.0	54	45.0	53	42.0	53	35.0	53	25.0	55	23.0	55	20.0	55
1964	98.0	52	92.0	48	88.0	48	78.0	48	70.0	47	58.0	47	52.0	47	47.0	46	38.0	46
1965	549.0	9	506.0	8	426.0	9	379.0	9	288.0	11	227.0	12	209.0	10	174.0	10	132.0	10
1966	70.0	55	67.0	54	55.0	52	44.0	54	40.0	54	33.0	54	28.0	53	29.0	53	27.0	53
1967	112.0	47	101.0	47	98.0	45	90.0	45	82.0	44	77.0	40	70.0	41	63.0	41	49.0	43
1968	118.0	45	118.0	41	115.0	40	104.0	40	92.0	41	77.0	41	65.0	43	61.0	42	50.0	40
1969	1410.0	1	1260.0	1	954.0	1	754.0	2	566.0	1	454.0	1	334.0	2	263.0	4	183.0	6
1970	455.0	12	417.0	11	386.0	11	336.0	11	290.0	10	268.0	7	224.0	8	192.0	8	143.0	9
1971	158.0	37	152.0	35	141.0	34	134.0	32	126.0	31	112.0	31	95.0	29	85.0	28	68.0	29
1972	116.0	46	104.0	46	92.0	47	82.0	47	66.0	48	54.0	49	46.0	49	42.0	50	37.0	47
1973	1090.0	3	923.0	3	858.0	2	712.0	3	543.0	3	397.0	4	310.0	4	255.0	6	180.0	7
1974	157.0	38	152.0	36	143.0	33	132.0	33	116.0	34	96.0	33	82.0	34	73.0	36	59.0	37
1975	238.0	28	227.0	27	213.0	27	191.0	26	170.0	24	134.0	24	110.0	25	94.0	25	71.0	24

06710500 BEAR CREEK AT MORRISON, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BEAR CREEK AT MORRISON, CO.

YEAR	1	3	7	14	30	60	90	120	183
1921	7.00 27	10.00 34	10.00 31	15.00 47	15.00 44	16.00 42	17.00 43	18.00 43	21.00 38
1923	17.00 53	17.00 53	17.00 52	17.00 52	17.00 49	18.00 49	20.00 50	23.00 51	26.00 47
1924	11.00 43	14.00 51	22.00 54	28.00 54	32.00 54	33.00 54	34.00 54	40.00 54	57.00 54
1925	6.00 21	10.00 35	11.00 32	12.00 37	14.00 40	15.00 39	15.00 36	15.00 30	20.00 31
1926	11.00 44	12.00 42	13.00 43	13.00 42	15.00 41	16.00 43	19.00 49	21.00 49	34.00 51
1927	11.00 45	13.00 45	16.00 51	16.00 51	16.00 45	17.00 44	18.00 45	18.00 44	22.00 41
1928	5.00 16	5.00 13	5.60 11	6.40 14	7.00 13	9.30 18	12.00 26	14.00 24	20.00 32
1929	8.00 32	8.00 27	8.00 24	8.00 22	8.30 20	11.00 24	11.00 22	12.00 20	17.00 22
1930	10.00 38	10.00 36	11.00 33	12.00 38	12.00 34	13.00 33	13.00 27	15.00 31	22.00 42
1931	10.00 39	10.00 37	11.00 34	12.00 39	12.00 35	13.00 34	13.00 28	15.00 32	21.00 39
1932	6.00 22	6.00 19	6.00 14	6.00 11	6.00 4	6.90 4	7.90 2	9.10 3	12.00 11
1933	3.00 5	3.00 4	3.00 1	3.20 1	3.40 1	3.80 1	4.60 1	5.50 1	11.00 4
1934	6.00 23	6.00 20	6.90 19	8.40 24	13.00 38	14.00 35	15.00 37	16.00 37	20.00 33
1935	3.00 6	3.00 5	5.40 10	5.90 9	6.50 9	7.40 8	9.00 9	9.20 4	9.50 1
1936	3.60 9	3.80 6	6.00 15	6.00 10	6.00 5	6.70 2	10.00 17	14.00 25	18.00 27
1937	4.50 13	4.60 11	5.00 7	5.80 8	6.40 8	7.30 7	9.20 10	11.00 14	18.00 28
1938	10.00 40	10.00 38	11.00 35	11.00 33	12.00 36	14.00 36	14.00 33	15.00 33	17.00 23
1939	6.20 24	7.80 25	11.00 36	12.00 40	15.00 42	18.00 50	22.00 51	25.00 52	43.00 53
1940	0.81 1	2.20 1	4.00 3	5.50 6	6.20 6	7.20 6	8.20 3	9.50 7	11.00 5
1941	7.60 30	8.50 28	9.10 26	9.40 26	9.50 24	10.00 21	11.00 18	14.00 26	19.00 29
1942	14.00 51	15.00 52	15.00 47	15.00 48	16.00 46	17.00 45	18.00 46	20.00 47	27.00 48
1943	10.00 41	11.00 39	11.00 37	11.00 34	11.00 29	14.00 37	15.00 38	16.00 38	25.00 45
1944	4.00 12	4.40 9	5.30 8	5.70 7	7.50 15	9.10 16	9.80 15	11.00 15	13.00 13
1945	4.60 14	5.40 15	5.80 12	6.50 15	7.50 16	9.30 17	11.00 19	11.00 16	13.00 14
1946	8.80 33	11.00 40	11.00 38	12.00 35	13.00 37	15.00 40	15.00 39	16.00 39	25.00 46
1947	10.00 42	13.00 46	13.00 44	14.00 43	15.00 43	15.00 41	16.00 40	17.00 40	21.00 34
1948	14.00 52	14.00 47	15.00 48	16.00 49	16.00 47	17.00 46	17.00 44	18.00 45	24.00 44
1949	9.00 34	9.10 30	9.40 27	9.60 27	10.00 25	12.00 29	13.00 29	15.00 34	17.00 24
1950	3.60 10	3.90 7	4.10 4	4.40 3	5.10 2	6.90 3	8.90 8	11.00 17	14.00 16
1951	1.60 2	2.90 3	4.10 5	5.30 5	6.40 7	7.00 5	8.20 4	9.40 5	11.00 6
1952	3.20 7	6.10 21	6.40 17	6.90 16	8.30 21	9.00 15	11.00 20	11.00 18	15.00 17
1953	7.00 28	7.50 23	7.50 22	7.60 21	8.00 18	8.80 14	9.50 13	9.80 10	11.00 7
1954	7.80 31	9.20 31	9.90 29	10.00 28	11.00 26	11.00 25	12.00 23	12.00 19	13.00 15
1955	5.50 19	5.80 17	6.60 18	7.00 17	7.40 14	8.70 13	9.30 12	10.00 11	11.00 8
1956	5.30 18	5.50 16	5.90 13	6.10 12	6.90 12	7.80 9	8.50 6	9.50 8	12.00 12
1957	5.00 17	5.20 14	5.40 9	6.40 13	6.80 10	8.60 12	9.20 11	9.70 9	11.00 9
1958	6.40 25	6.80 22	7.50 23	8.20 23	8.90 22	11.00 26	12.00 24	13.00 21	18.00 25
1959	3.60 8	4.90 12	6.20 16	7.30 19	8.00 19	10.00 22	11.00 21	13.00 22	15.00 18
1960	7.00 26	8.00 26	8.90 25	9.30 25	11.00 27	11.00 23	14.00 34	17.00 41	22.00 40
1961	9.20 35	9.70 32	11.00 39	11.00 29	11.00 28	12.00 27	13.00 30	14.00 27	15.00 19
1962	13.00 50	14.00 48	15.00 49	15.00 44	17.00 50	19.00 52	22.00 52	22.00 50	32.00 50
1963	4.00 11	4.40 10	4.80 6	5.20 4	6.80 11	7.80 10	8.30 5	8.90 2	10.00 2
1964	2.00 3	2.50 2	3.40 2	3.90 2	5.50 3	9.70 20	9.90 16	10.00 12	15.00 20
1965	4.70 15	6.00 18	7.00 20	7.20 18	9.10 23	9.60 19	9.80 14	10.00 13	11.00 3
1966	12.00 46	12.00 43	12.00 41	12.00 36	12.00 30	13.00 30	14.00 35	16.00 35	21.00 35
1967	3.00 4	4.30 8	7.00 21	7.50 20	7.80 17	8.40 11	8.70 7	9.40 6	12.00 10
1968	10.00 36	11.00 41	12.00 42	13.00 41	14.00 39	14.00 38	16.00 41	16.00 36	21.00 36
1969	7.20 29	8.70 29	10.00 30	11.00 30	12.00 31	12.00 28	12.00 25	13.00 23	16.00 21
1970	19.00 54	20.00 54	21.00 53	22.00 53	24.00 53	24.00 53	26.00 53	28.00 53	40.00 52
1971	12.00 47	13.00 44	14.00 45	15.00 45	17.00 51	18.00 51	19.00 47	21.00 48	27.00 49
1972	6.00 20	7.70 24	9.70 28	11.00 31	12.00 32	13.00 31	13.00 31	15.00 28	19.00 30
1973	12.00 48	14.00 49	15.00 50	15.00 46	16.00 48	17.00 47	17.00 42	18.00 42	21.00 37
1974	13.00 49	14.00 50	14.00 46	16.00 50	18.00 52	18.00 48	19.00 48	20.00 46	23.00 43
1975	10.00 37	10.00 33	11.00 40	11.00 32	12.00 33	13.00 32	14.00 32	15.00 29	18.00 26

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
32	24	16	13	14	20	50	141	133	73	65	45
363	177	67	27	32	77	2330	15200	11000	2690	2980	2790
19	13	8.2	5.2	5.7	8.8	48	123	105	52	55	53
1.8	2.7	2.6	1.4	1.4	1.3	3.4	1.5	1.6	1.4	2.3	4.7
0.60	0.56	0.50	0.40	0.41	0.45	0.96	0.87	0.79	0.71	0.85	1.2
5.1	3.8	2.6	2.1	2.2	3.1	8.0	23	21	12	10	7.2

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.4	1.3	1.2	1.1	1.1	1.3	1.6	2.0	2.0	1.8	1.7	1.5
0.05	0.04	0.03	0.03	0.03	0.04	0.08	0.15	0.13	0.10	0.09	0.09
0.23	0.19	0.17	0.17	0.17	0.19	0.29	0.39	0.37	0.31	0.30	0.30
0.34	0.73	0.76	0.02	-0.19	-0.33	0.73	-0.12	-0.35	-0.39	0.46	0.98
0.16	0.15	0.15	0.15	0.15	0.15	0.18	0.19	0.18	0.18	0.18	0.19
8.0	7.4	6.6	6.0	6.2	7.0	8.8	11	11	9.8	9.5	8.5

06710500 BEAR CREEK AT MORRISON, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
52	773	28	0.97	0.53	-0.035

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.7	0.05	0.23	0.01	0.14	0.021

06711000 TURKEY CREEK NEAR MORRISON, COLO.

LOCATION.--Lat 39°38'08", long 105°10'05", in NE¼ sec.12, T.5 S., R.70 W., Jefferson County, on left bank at downstream side of county bridge, 2 mi (3.2 km) upstream from mouth and 2 mi (3.2 km) southeast of Morrison.

DRAINAGE AREA.--50.1 mi² (130 km²).

REMARKS.--Small diversions above station for irrigation. Spickerman ditch, which diverts from Bear Creek and Turkey Creek, wastes some water above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TURKEY CREEK NEAR MORRISON, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1943		18	13	6	37	1	44	23	23	36	81	21	17	13	17	3	2	4	3	1	2														
1944	11	19	36	20	84	27	57	21	2	9	7	3	4	4		5	3	16	6	1		1	2	1	2	1		2	9	6	7				
1945	8	34	25	30	30	20	84	86	29	4	9	2	1			1	1			1															
1946		28	107	19	39	12	21	69	16	7	6	1	9	3	10	13		2	1		1								1						
1948	18	14	30	32	34	21	41	23	35	13	15	11	3	2	3	5	2	1	1		1	8	9	12	5	12	6	2	2	2	3				
1949		25	16	41	68	22	49	30	60	8	1	1	5			3		1	3	2		2	1	3	2		4	6	2	5	3	2			
1950		9	45	36	26	12	59	49	45	22	29	18	6	4	3	1	1																		
1951		10	39	47	42	19	81	24	34	32	18	3			2	2	4	5	3																
1952		13	60	45	50	21	79	21	10	4	2	11	8	2	2	1	2	3	1	2	1	6	5	2	3	2	3	2	3	2					
1953		53	77	10	10	26	40	22	26	13	9	15	14	7	6	8	6	8	13		2														

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	37	3653	100.0	9	1.30	148	855	23.4	18	10.0	31	196	5.4	27	80	12	59	1.6
1	0.10	223	3616	99.0	10	1.60	177	707	19.4	19	13.0	7	165	4.5	28	100	17	47	1.2
2	0.20	448	3393	92.9	11	2.00	86	530	14.5	20	16.0	7	158	4.3	29	130	15	30	.8
3	0.30	286	2945	80.6	12	2.50	67	444	12.2	21	20.0	17	151	4.1	30	160	13	15	.4
4	0.40	420	2659	72.8	13	3.20	35	377	10.3	22	25.0	17	134	3.7	31	200	2	2	
5	0.50	181	2239	61.3	14	4.00	43	342	9.4	23	32.0	18	117	3.2	32				
6	0.60	555	2058	56.3	15	5.00	42	299	8.2	24	40.0	12	99	2.7	33				
7	0.80	368	1503	41.1	16	6.30	21	257	7.0	25	50.0	15	87	2.4	34				
8	1.00	280	1135	31.1	17	8.00	40	236	6.5	26	63.0	13	72	2.0					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TURKEY CREEK NEAR MORRISON, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1943	18.0	6	17.0	6	10.0	7	7.0	8	4.5	8	3.6	6	3.0	6	2.5	6	2.1	6
1944	164.0	3	164.0	3	154.0	2	142.0	2	117.0	1	63.0	1	43.0	1	32.0	1	21.0	1
1945	14.0	8	5.4	9	2.5	10	1.6	10	1.5	10	1.2	10	1.1	10	1.0	10	0.9	10
1946	110.0	5	37.0	5	16.0	5	8.9	6	4.6	7	3.0	8	2.4	8	2.5	7	2.1	7
1948	190.0	2	178.0	2	150.0	3	108.0	3	79.0	3	56.0	2	39.0	2	29.0	2	20.0	2
1949	208.0	1	183.0	1	159.0	1	144.0	1	82.0	2	51.0	3	35.0	3	26.0	3	17.0	3
1950	6.7	10	5.4	10	3.7	9	2.8	9	2.2	9	1.7	9	1.6	9	1.5	9	1.2	9
1951	12.0	9	10.0	8	9.3	8	7.9	7	4.8	6	3.1	7	2.5	7	2.1	8	1.6	8
1952	136.0	4	127.0	4	112.0	4	75.0	4	47.0	4	29.0	4	20.0	4	15.0	4	10.0	4
1953	17.0	7	13.0	7	12.0	6	10.0	5	8.3	5	6.1	5	4.8	5	4.0	5	2.9	5

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TURKEY CREEK NEAR MORRISON, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1944	0.10	9	0.10	9	0.10	9	0.13	6	0.14	3	0.26	6	0.28	5	0.29	2	0.35	2
1945	0.00	1	0.00	1	0.00	1	0.02	1	0.20	6	0.26	7	0.28	6	0.30	4	0.39	4
1946	0.00	2	0.00	2	0.03	3	0.06	3	0.20	7	0.20	2	0.36	7	0.41	7	0.56	7
1948	0.00	3	0.00	3	0.01	2	0.04	2	0.43	9	0.57	9	0.63	9	0.66	9	0.88	9
1949	0.10	4	0.10	4	0.10	4	0.10	4	0.13	2	0.20	3	0.25	2	0.33	5	0.36	3
1950	0.10	5	0.10	5	0.10	5	0.19	9	0.27	8	0.36	8	0.44	8	0.58	8	0.70	8
1951	0.10	6	0.10	6	0.10	6	0.14	8	0.19	5	0.25	5	0.25	3	0.29	3	0.41	5
1952	0.10	7	0.10	7	0.10	7	0.13	7	0.17	4	0.23	4	0.27	4	0.34	6	0.43	6
1953	0.10	8	0.10	8	0.10	8	0.11	5	0.12	1	0.15	1	0.17	1	0.18	1	0.27	1

06711000 TURKEY CREEK NEAR MORRISON, COLO.--Continued

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
0.84	0.80	0.61	0.60	0.75	2.2	9.1	24	11	0.72	0.69	0.34
1.4	0.40	0.03	0.09	0.11	14	234	978	631	0.09	1.2	0.04
1.2	0.63	0.16	0.31	0.33	3.8	15	31	25	0.29	1.1	0.20
2.5	1.4	0.46	1.3	0.75	3.1	2.1	1.6	3.1	-0.07	3.0	1.6
1.4	0.79	0.26	0.51	0.44	1.7	1.7	1.3	2.4	0.41	1.6	0.59
1.7	1.6	1.2	1.2	1.5	4.3	18	47	21	1.4	1.4	0.68

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
-0.32	-0.21	-0.23	-0.27	-0.16	0.10	0.52	0.96	0.47	-0.18	-0.39	-0.52
0.20	0.12	0.01	0.05	0.04	0.14	0.35	0.45	0.35	0.04	0.15	0.06
0.44	0.34	0.11	0.22	0.20	0.37	0.59	0.67	0.59	0.20	0.39	0.24
1.1	-0.19	0.05	-0.27	-0.17	2.8	1.2	0.22	1.9	-0.45	1.9	0.33
-1.4	-1.6	-0.51	-0.82	-1.2	3.7	1.1	0.69	1.3	-1.1	-0.99	-0.45
137	92	97	115	70	-43	-223	-414	-200	77	168	224

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
4.2	17	4.2	0.80	0.98	-0.208

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.41	0.22	0.47	0.37	1.1	-0.206

06711500 BEAR CREEK AT MOUTH, AT SHERIDAN, COLO.

LOCATION.--Lat 39°39'08", long 105°01'57", in NW¼NW¼ sec.5, T.5 S., R.68 W., Arapahoe County, on left bank just downstream from bridge on road to Fort Logan Mental Health Center, at Highway Department maintenance building at northwest city limits of Sheridan, 1.3 mi (2.1 km) upstream from mouth, and 2.1 mi (3.4 km) west of city hall in Englewood.

DRAINAGE AREA.--260 mi² (673 km²).

REMARKS.--Storage and diversions above station for irrigation of about 12,000 acres (48.6 km²).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BEAR CREEK AT MOUTH, AT SHERIDAN, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1928							7		7	11	17	16	42	69	27	75	36	9	8	5	2	2	4	14	8	7									
1929										27	41	33	27	37	90	65	26	6	3	2	2	3	3												
1930							20		12	5	3	2	21	128	110	44	4	3	3	1	1	4	2	2											
1931									2	7	6	2	20	47	141	49	44	3	2	14	19	9													
1932									3	19	40	63	52	27	104	29	29																		
1933											3	18	11	52	165	19	21	9	7	2	4	13	9	17	10	1	2	2							
1934										6	38	39	46	89	111	30	3	1		1	1														
1935							16		5	8	28	29	48	112	60	16	7	8	4	10	2	4	4	4											
1936						1		4	3	14	10	7	35	78	104	38	27	4	10	7	8	10	4	2											
1937											3	12	32	96	63	50	39	22	24	19	2	3													
1938													3	87	43	18	80	22	12	14	13	7	11	7	16	27	5								
1939										5	32	63	34	16	18	19	30	30	47	35	18	15	3												
1940							2	4	3	35	31	55	85	101	36	9	3	1		1															
1941											3	27	59	109	46	26	17	7	3	3	7	9	17	20	9	3									
1942													1	1	16	52	45	71	51	22	14	11	8	9	18	5	14	22	5						
1943											4	14	28	42	48	103	77	16	4	8	10	10	1												
1944												4	9	83	122	41	20	10	6	10	10	5	8	15	3	16	4								
1945				1	2	1	2	3	15	33	63	66	46	60	32	5	5	2	4	8	4	5	4	2	1	1									
1946										11	9	24	37	60	58	40	75	33	16		1	1													
1947										10	3	21	14	17	42	50	57	39	20	7	10	6	17	19	24	6	2	1							
1948														31	44	25	35	72	53	27	19	25	14	14	5	2									
1949											3	6	9	64	106	47	44	5	5	4	4	13	17	7	11	3	2	4	8	3					
1950										2	7	23	38	157	76	24	23	7	1	2	1	1	3												
1951								1	2	1	4	13	34	107	83	76	21	8	12	3															
1952														81	94	65	64	5	5	8	4	11	4	5	4	14	2								
1953									1	1	2	11	40	125	144	11	16	12	1	1															
1954	1	2		6	8	7	19	29	29	21	15	15	40	96	73	4																			
1955				4	15	5	12	22	30	17	15	28	60	66	57	17	6	2	3	2	1	1	2												

06711500 BEAR CREEK AT MOUTH, AT SHERIDAN, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BEAR CREEK AT MOUTH, AT SHERIDAN, CO.,

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR														NUMBER OF DAYS IN CLASS																					
1956					4	6	12	22	49	18	18	20	41	95	48	17	6	5	3	1	1														
1957					1	1	1	4	4	8	1	2	15	88	64	24	21	11	10	13	26	11	9	8	7	21	7	4	2	2					
1958										2	9	25	40	28	35	39	38	65	40	6	5	3	5	6	16	3									
1959										6	6	15	40	44	151	36	9	16	10	6	14	6	6												
1960											7	11	22	26	62	73	32	26	23	23	21	10	10	20											
1961													7	12	108	78	11	13	16	17	33	24	32	7	6	1									
1962									3	8	13	31	16	10	19	13	17	62	83	40	31	17	2												
1963			1	15	8	14	22	29	19	18	23	35	44	51	66	13	2		1	2	1		1												
1964			1	1	4	2	3	2	11	18	45	30	22	25	125	55	10	8	4																
1965											19	8	3	57	106	30	9	14	18	20	17	11	12	13	13	8	5	2							
1966			4	13	6	2	7	6	8	12	17	19	37	23	18	22	81	68	18	4															
1967				1			1			3	1	5	37	56	136	35	27	15	16	20	9	2	1												
1968							1	3	2		2	7	8	25	40	28	41	154	26	15	14														
1969								3	7	2	9	7	3	8	59	89	63	17	16	3	7	9	6	10	10	18	8	4	1	3	1		2		
1970								2						1	6	27	13	25	60	66	48	34	18	32	20	12	1								
1971											4	2	3	10	11	19	31	93	90	42	16	7	23	13	1										
1972									3	4	10	7	17	23	30	75	120	49	19	5	2	2													
1973											1	6	9	9	23	37	34	83	29	25	21	11	18	9	10	13	6	8	7	4	2				
1974												7	7	17	19	31	66	77	63	37	9	5	24	3											
1975													8	14	49	89	81	31	28	20	12	5	4	9	14	1									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1	17532	100.0	9	2.30	314	16933	96.6	18	38.0	875	3315	18.9	27	630	47	87	.4
1	0.10	2	17531	100.0	10	3.10	535	16619	94.8	19	52.0	577	2440	13.9	28	860	23	40	.2
2	0.20	6	17529	100.0	11	4.20	825	16084	91.7	20	71.0	448	1863	10.6	29	1200	12	17	
3	0.30	40	17523	99.9	12	5.80	1270	15259	87.0	21	97.0	324	1415	8.1	30	1600	3	5	
4	0.50	47	17483	99.7	13	7.90	2646	13989	79.8	22	130.0	307	1091	6.2	31	2200		2	
5	0.70	40	17436	99.5	14	11.00	3316	11343	64.7	23	180.0	269	784	4.5	32	3000	2	2	
6	0.90	124	17396	99.2	15	15.00	1904	8027	45.8	24	250.0	207	515	2.9	33				
7	1.20	133	17272	98.5	16	20.00	1566	6123	34.9	25	340.0	162	308	1.8	34				
8	1.70	206	17139	97.8	17	28.00	1242	4557	26.0	26	460.0	59	146	0.8					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BEAR CREEK AT MOUTH, AT SHERIDAN, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1928	422.0	15	407.0	13	392.0	12	333.0	12	283.0	12	167.0	14	115.0	17	88.0	20	63.0	21
1929	152.0	30	144.0	27	122.0	29	78.0	31	49.0	33	31.0	35	22.0	38	18.0	39	15.0	39
1930	198.0	24	179.0	25	145.0	25	97.0	29	58.0	32	34.0	32	25.0	35	19.0	37	16.0	37
1931	116.0	37	111.0	34	107.0	31	87.0	30	77.0	28	63.0	26	48.0	26	41.0	26	30.0	27
1932	23.0	47	22.0	47	21.0	46	21.0	43	20.0	42	18.0	41	16.0	40	16.0	40	14.0	40
1933	750.0	8	600.0	8	424.0	10	294.0	14	259.0	13	176.0	13	144.0	11	113.0	11	81.0	13
1934	88.0	39	46.0	43	26.0	45	17.0	46	16.0	45	15.0	45	14.0	44	13.0	43	12.0	42
1935	231.0	22	206.0	22	164.0	23	128.0	24	94.0	26	56.0	28	40.0	30	34.0	30	24.0	32
1936	228.0	23	200.0	23	162.0	24	132.0	23	106.0	23	61.0	27	47.0	27	40.0	27	30.0	28
1937	124.0	36	97.0	36	60.0	37	54.0	35	48.0	34	33.0	33	27.0	33	26.0	34	21.0	34
1938	539.0	10	478.0	11	418.0	11	380.0	9	358.0	7	242.0	9	178.0	9	141.0	9	138.0	7
1939	136.0	33	133.0	29	127.0	27	118.0	25	105.0	24	73.0	24	56.0	24	50.0	23	50.0	23
1940	67.0	43	38.0	45	19.0	47	14.0	47	12.0	47	10.0	48	9.9	48	9.6	48	8.8	48
1941	387.0	16	329.0	18	312.0	16	250.0	16	199.0	17	188.0	12	139.0	12	110.0	13	76.0	14
1942	936.0	5	908.0	5	870.0	5	809.0	4	742.0	3	582.0	2	445.0	1	346.0	2	241.0	2
1943	137.0	32	129.0	30	123.0	28	111.0	26	83.0	27	50.0	31	40.0	31	32.0	31	27.0	31
1944	496.0	12	487.0	9	466.0	8	429.0	7	360.0	6	249.0	8	178.0	10	140.0	10	96.0	10
1945	494.0	13	371.0	14	259.0	19	185.0	21	148.0	22	82.0	22	58.0	23	46.0	24	33.0	25
1946	128.0	35	78.0	39	47.0	40	40.0	39	32.0	39	26.0	37	25.0	36	25.0	35	21.0	35
1947	802.0	7	622.0	6	495.0	6	378.0	10	308.0	9	279.0	7	218.0	7	173.0	7	120.0	8
1948	376.0	17	360.0	16	310.0	17	247.0	17	221.0	16	163.0	15	136.0	13	111.0	12	84.0	12
1949	1450.0	3	1330.0	3	1150.0	3	995.0	3	640.0	4	407.0	5	297.0	4	228.0	5	153.0	5
1950	159.0	28	136.0	28	82.0	33	44.0	37	31.0	40	24.0	38	21.0	39	19.0	38	16.0	38
1951	58.0	45	55.0	41	52.0	38	44.0	38	33.0	38	23.0	39	23.0	37	21.0	36	18.0	36
1952	506.0	11	486.0	10	461.0	9	411.0	8	285.0	11	194.0	11	134.0	14	104.0	14	72.0	15
1953	70.0	42	37.0	46	30.0	44	26.0	42	20.0	41	16.0	42	15.0	41	14.0	41	12.0	43
1954	17.0	48	14.0	48	13.0	48	12.0	48	12.0	48	11.0	47	11.0	47	11.0	47	10.0	45
1955	161.0	27	117.0	33	79.0	35	47.0	36	34.0	36	21.0	40	15.0	42	12.0	44	10.0	46
1956	82.0	41	49.0	42	31.0	43	20.0	44	17.0	44	15.0	43	13.0	45	12.0	45	11.0	44
1957	1400.0	4	1280.0	4	971.0	4	720.0	5	580.0	5	409.0	4	296.0	5	245.0	4	168.0	4
1958	425.0	14	365.0	15	327.0	14	308.0	13	257.0	14	159.0	16	117.0	16	91.0	19	67.0	19
1959	154.0	29	148.0	26	134.0	26	110.0	27	75.0	29	65.0	25	49.0	25	40.0	28	30.0	26
1960	245.0	21	245.0	20	232.0	20	207.0	19	171.0	20	118.0	20	112.0	18	94.0	16	69.0	18
1961	344.0	19	306.0	19	289.0	18	245.0	18	193.0	18	139.0	18	105.0	20	93.0	17	90.0	11
1962	135.0	34	123.0	32	121.0	30	106.0	28	94.0	25	74.0	23	61.0	22	56.0	22	51.0	22
1963	150.0	31	82.0	37	37.0	41	19.0	45	14.0	46	13.0	46	12.0	46	11.0	46	9.5	47
1964	50.0	46	41.0	44	37.0	42	29.0	41	18.0	43	15.0	44	14.0	43	14.0	42	13.0	41
1965	839.0	6	611.0	7	486.0	7	459.0	6	314.0	8	213.0	10	201.0	8	165.0	8	116.0	9

06711500 BEAR CREEK AT MOUTH, AT SHERIDAN, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BEAR CREEK AT MOUTH, AT SHERIDAN, CO.

YEAR	1	3	7	15	30	60	90	120	183
1966	59.0 44	56.0 40	50.0 39	39.0 40	33.0 37	32.0 34	31.0 32	30.0 32	29.0 29
1967	162.0 26	124.0 31	86.0 32	75.0 32	69.0 30	55.0 29	43.0 29	35.0 29	27.0 30
1968	88.0 40	82.0 38	80.0 34	74.0 33	67.0 31	51.0 30	44.0 28	41.0 25	38.0 24
1969	4020.0 1	2870.0 1	1860.0 1	1250.0 1	814.0 2	556.0 3	401.0 3	306.0 3	207.0 3
1970	572.0 9	470.0 12	390.0 13	345.0 11	303.0 10	280.0 6	234.0 6	199.0 6	145.0 6
1971	253.0 20	232.0 21	206.0 21	191.0 20	179.0 19	139.0 19	107.0 19	91.0 18	72.0 16
1972	101.0 38	98.0 35	75.0 36	57.0 34	39.0 35	29.0 36	26.0 34	26.0 33	23.0 33
1973	1940.0 2	1730.0 2	1490.0 2	1180.0 2	897.0 1	595.0 1	438.0 2	350.0 1	242.0 1
1974	190.0 25	187.0 24	179.0 22	169.0 22	159.0 21	110.0 21	91.0 21	79.0 21	63.0 20
1975	346.0 18	335.0 17	322.0 15	292.0 15	246.0 15	159.0 17	118.0 15	97.0 15	72.0 17

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BEAR CREEK AT MOUTH, AT SHERIDAN, CO.

YEAR	1	3	7	14	30	60	90	120	183
1928	2.00 18	3.00 25	3.40 23	5.80 34	7.40 29	9.40 27	11.00 29	13.00 32	16.00 32
1929	1.00 10	1.00 8	1.30 10	2.00 10	3.70 12	5.90 16	6.60 16	7.20 15	11.00 16
1930	3.00 30	3.00 26	3.00 20	3.00 14	3.80 14	3.90 7	4.50 6	5.80 10	12.00 23
1931	1.00 11	1.00 9	1.00 7	1.50 6	2.20 6	4.10 9	5.70 12	6.60 13	13.00 26
1932	2.00 19	2.30 18	2.70 17	3.20 17	7.40 30	10.00 32	12.00 34	13.00 33	14.00 27
1933	1.80 16	2.00 16	2.20 14	3.00 15	4.30 17	4.40 11	4.90 8	5.50 9	5.60 4
1934	4.00 38	4.00 36	5.30 36	6.40 37	8.70 34	9.90 31	11.00 30	12.00 30	12.00 24
1935	3.00 31	3.00 27	3.60 26	4.00 23	4.20 15	4.80 14	5.80 13	6.30 11	6.70 8
1936	1.00 12	1.00 10	1.00 8	1.60 7	3.30 9	8.10 20	8.80 22	11.00 27	11.00 17
1937	0.70 8	1.10 12	1.60 12	1.90 8	3.70 13	9.60 29	9.40 25	10.00 21	18.00 35
1938	4.10 39	4.20 38	4.60 33	5.00 29	8.40 33	8.80 24	9.30 23	10.00 22	14.00 28
1939	2.60 27	3.30 29	3.50 24	4.10 24	7.20 28	24.00 45	30.00 45	36.00 46	34.00 45
1940	2.40 25	3.30 30	3.80 29	3.80 18	4.20 16	4.60 13	4.90 9	5.20 8	6.10 6
1941	0.90 9	1.00 11	1.30 9	2.10 11	2.90 7	3.90 8	4.70 7	5.10 7	6.30 7
1942	3.80 36	3.90 34	4.70 35	5.00 30	15.00 45	17.00 40	18.00 39	28.00 42	29.00 41
1943	8.00 44	8.00 43	8.90 44	13.00 45	14.00 43	16.00 39	18.00 40	18.00 37	20.00 36
1944	4.00 37	4.00 37	4.60 34	5.00 31	6.90 25	8.70 23	9.30 24	10.00 23	11.00 18
1945	2.00 20	2.40 19	2.60 16	2.60 12	3.30 10	4.50 12	5.10 10	6.60 12	7.90 10
1946	0.60 7	0.73 7	3.30 21	4.20 26	5.30 20	8.10 21	8.50 21	9.60 19	21.00 37
1947	2.60 26	2.70 22	3.00 18	3.90 19	5.80 22	7.20 19	8.30 19	9.40 18	11.00 19
1948	2.80 28	2.90 23	3.00 19	3.90 20	17.00 46	22.00 43	29.00 44	33.00 44	33.00 44
1949	8.00 45	8.10 44	8.70 43	8.80 42	9.30 39	11.00 33	11.00 31	12.00 28	13.00 25
1950	3.60 34	4.40 39	5.70 37	5.90 35	7.10 26	9.20 26	9.70 26	10.00 24	11.00 20
1951	3.00 32	3.40 31	3.70 27	4.80 28	5.30 21	7.00 18	6.80 17	7.60 16	8.10 12
1952	1.60 15	1.80 15	3.50 25	6.40 36	7.90 31	9.90 30	12.00 32	15.00 35	16.00 33
1953	6.00 41	6.10 41	6.30 39	6.90 38	7.90 32	9.50 28	10.00 28	11.00 25	12.00 21
1954	2.20 22	3.10 28	4.20 32	5.50 32	6.20 23	8.70 22	9.80 27	9.90 20	9.90 15
1955	0.00 1	0.17 1	0.46 3	0.54 2	1.20 3	1.50 2	1.90 1	2.10 1	2.40 1
1956	0.40 5	0.47 5	0.54 4	0.86 4	1.30 4	3.00 5	3.40 3	4.70 4	9.70 14
1957	0.60 6	0.70 6	0.84 5	1.20 5	1.50 5	2.10 3	3.80 5	5.00 5	5.20 3
1958	6.40 42	6.60 42	7.70 42	8.00 41	11.00 40	15.00 38	17.00 37	21.00 39	22.00 38
1959	2.80 29	3.00 24	3.70 28	4.10 25	4.70 18	5.50 15	6.40 15	7.70 17	9.40 13
1960	2.30 23	2.40 20	3.40 22	3.90 21	6.40 24	8.90 25	8.40 20	12.00 29	14.00 29
1961	3.60 35	3.90 35	4.00 31	4.30 27	5.20 19	6.60 17	8.20 18	11.00 26	12.00 22
1962	8.60 46	9.50 46	12.00 46	13.00 46	15.00 44	38.00 48	38.00 48	39.00 47	47.00 47
1963	2.00 21	2.30 17	2.50 15	2.90 13	3.60 11	4.30 10	5.20 11	5.00 6	7.20 9
1964	0.20 2	0.30 3	0.33 1	0.40 1	0.75 1	1.30 1	2.60 2	3.60 2	4.70 2
1965	0.20 3	0.47 4	0.86 6	2.00 9	2.90 8	3.80 6	6.30 14	6.70 14	8.00 11
1966	9.10 47	9.10 45	9.40 45	9.50 43	13.00 41	23.00 44	26.00 42	27.00 41	29.00 42
1967	0.20 4	0.23 2	0.44 2	0.57 3	0.93 2	2.20 4	3.50 4	4.10 3	5.80 5
1968	2.40 24	3.80 33	6.40 40	7.50 40	9.10 37	12.00 34	18.00 38	19.00 38	24.00 40
1969	1.10 13	1.30 14	1.80 13	3.20 16	7.20 27	12.00 35	12.00 33	13.00 31	14.00 30
1970	1.20 14	1.20 13	1.40 11	4.00 22	9.30 38	18.00 41	33.00 46	42.00 48	51.00 48
1971	10.00 48	12.00 47	15.00 48	16.00 47	20.00 47	29.00 47	34.00 47	35.00 45	35.00 46
1972	3.10 33	3.70 32	6.60 41	9.90 44	13.00 42	21.00 42	22.00 41	23.00 40	23.00 39
1973	1.90 17	2.60 21	3.90 30	5.50 33	8.90 35	12.00 36	14.00 35	14.00 34	16.00 31
1974	7.30 43	12.00 48	14.00 47	17.00 48	23.00 48	27.00 46	29.00 43	29.00 43	31.00 43
1975	4.40 40	4.80 40	5.80 38	7.20 39	9.10 36	14.00 37	15.00 36	16.00 36	17.00 34

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
19	20	19	18	17	19	41	140	90	30	29	21
295	233	114	93	109	286	4060	39900	15300	1330	1550	1610
17	15	11	9.7	10	17	64	200	124	36	39	40
2.0	2.9	1.9	1.1	1.3	2.5	4.0	2.2	2.3	1.9	3.2	4.9
0.89	0.75	0.57	0.55	0.60	0.90	1.6	1.4	1.4	1.2	1.4	1.9
4.1	4.4	4.0	3.8	3.7	4.1	8.8	30	19	6.5	6.2	4.6

06711500 BEAR CREEK AT MOUTH, AT SHERIDAN, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.1	1.2	1.2	1.2	1.2	1.2	1.3	1.7	1.5	1.2	1.2	1.1
0.12	0.07	0.04	0.05	0.05	0.09	0.25	0.54	0.45	0.24	0.17	0.15
0.35	0.26	0.20	0.22	0.23	0.29	0.50	0.74	0.67	0.49	0.41	0.39
-0.01	0.30	0.87	0.19	0.60	0.89	0.48	-0.05	-0.23	0.16	0.61	0.90
0.31	0.21	0.17	0.19	0.20	0.25	0.38	0.44	0.44	0.40	0.33	0.36
7.5	8.1	8.0	7.8	7.7	7.7	8.6	11	10	8.0	8.2	7.2

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
39	1080	33	1.4	0.85	0.093

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.4	0.13	0.36	0.10	0.25	0.180

06712000 CHERRY CREEK NEAR FRANKTOWN, COLO.

LOCATION.--Lat 39°21'21", long 104°45'46", in NE¼ sec.15, T.8 S., R.66 W., Douglas County, on right bank 1.5 mi (2.4 km) upstream from Russellville Gulch and 2.5 mi (4.0 km) south of Franktown.

DRAINAGE AREA.--169 mi² (438 km²).

REMARKS.--Many small diversions above station for irrigation of about 800 acres (3.24 km²).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHERRY CREEK NEAR FRANKTOWN, CO.

NUMBER OF DAYS IN CLASS

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR																																			
1941							5	5	19	22	38	53	82	46	28	37	8	6	6	5	1			1	1		1		1						
1942									3	5	5	35	62	81	27	24	28	9	11	26	3	16	4	6	3	6	5	2	1	2	1				
1943						3	9	38	27	15	13	30	20	33	38	93	29	8	2	3	1	1	2												
1944					4	12	11	29	36	20	27	31	32	25	17	29	19	17	22	8	10	7	7	1	2										
1945						3	2	3	10	20	33	52	66	56	29	24	25	16	6	4	1	1	4	3	3	2	1			1					
1946		1	6	2		10	12	12	15	26	24	46	56	56	38	41	10	1	2		2	1	1		1		2								
1947										3	7	44	44	80	32	57	32	26	9	7	13	3	1	1	1		1	1	2	1					
1948			1		5	16	17	8	21	14	10	21	42	44	52	48	15	12	9	7	6	1	2	2	1	3	3	1	4	1					
1949					1	10	26	22	36	27	47	40	49	26	17	36	11	5	2	2	2		3	1		2									
1950		1		8	15	23	37	19	35	39	30	26	30	21	44	27	6	1	2	1															
1951		1		14		25	53	36	31	20	26	44	28	45	12	15	8	4	2	1															
1952			5	1	4	33	44	26	22	32	48	61	36	19	13	8	2	3	4		2				2		1								
1953				5	5	37	45	31	52	31	14	37	37	21	18	19	8	2	1		1		1												
1954					6	56	55	58	68	64	12	27	6	4		5	1	1							1	1									
1955					3	21	69	82	69	28	24	24	13	14	5	7	1	1	1		1	1	1												
1956						19	83	74	118	31	15	11	5	2		2		1	1				2							2					
1957						1	15	15	66	45	34	33	21	27	22	24	15	11	7	9	3	7	2	1	1	1	1	1	1		1		1		
1958						11	19	13	17	25	20	57	51	41	22	35	16	13	7	3	8	2	3	1	1										
1959						41	32	30	27	30	27	35	36	28	13	19	13	10	6	9	5	1	2	1											
1960						16	38	27	43	26	45	40	24	22	12	25	13	7	5	6	4	1	4		1		1	1			1	1	3		
1961							12	3	9	21	40	88	46	25	21	31	31	17	8	7	3	1	1						1							
1962					15	42	13	11	20	14	5	31	79	31	25	44	21	10	1	2	1														
1963					1	53	26	73	42	36	40	35	27	13	6	6	2	3	1			1													
1964						41	42	31	64	93	26	17	4	6	2	5	7	9	6	5		2	1	1	1	2	1								
1965							17	15	40	91	52	49	37	15	12	12	5	3	7	2	2	1	2	1		1				1					
1966					8	14	28	34	28	42	74	84	25	12	3	6	2			1	2	1				1									
1967							3	48	46	99	46	33	15	17	18	15	8	8	3	3	1	2													
1968						8	20	42	95	70	17	36	37	30	1	5	5																		
1969							10	65	75	60	48	46	19	13	6	7	5	3	1	1	1	2	1	2											
1970						24	41	24	12	36	23	36	40	56	28	36	9																		
1971						30	42	23	36	40	56	71	18	16	13	5	5	4	2	2	1	1													
1972						22	14	44	110	82	25	24	11	7	2	5	6	2	2	1	2	3	1			2					1				
1973							11	16	16	21	66	59	16	20	16	16	12	11	13	15	18	16	10	3	5	1	2				1				1
1974									9	21	22	28	23	22	82	43	41	13	16	13	7	12	8	2		2		1							
1975						5	15	14	36	13	6	16	39	72	66	35	21	12	10	2	3														

06712000 CHERRY CREEK NEAR FRANKTOWN, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHERRY CREEK NEAR FRANKTOWN, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	12783	100.0	9	2.10	1262	8905	69.7	18	23.0	175	701	5.5	27	250	7	38	.2
1	0.10	3	12783	100.0	10	2.80	1045	7643	59.8	19	30.0	145	526	4.1	28	320	10	29	.2
2	0.30	12	12780	100.0	11	3.60	1400	6598	51.6	20	39.0	104	381	3.0	29	410	8	19	.1
3	0.40	30	12768	99.9	12	4.70	1176	5198	40.7	21	50.0	84	277	2.2	30	540	5	11	
4	0.60	67	12738	99.6	13	6.10	1046	4022	31.5	22	66.0	63	193	1.5	31	700	1	6	
5	0.70	576	12671	99.1	14	8.00	740	2976	23.3	23	85.0	27	130	1.0	32	910	4	5	
6	1.00	866	12095	94.6	15	10.00	846	2236	17.5	24	110.0	24	103	0.8	33	1200	1	1	
7	1.30	971	11229	87.8	16	14.00	440	1390	10.9	25	140.0	24	79	0.6	34				
8	1.60	1353	10258	80.2	17	18.00	249	950	7.4	26	190.0	19	55	0.4					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHERRY CREEK NEAR FRANKTOWN, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1941	336.0	12	128.0	15	74.0	15	40.0	17	24.0	17	22.0	14	17.0	14	14.0	16	12.0	13
1942	650.0	4	534.0	3	340.0	3	219.0	3	135.0	3	117.0	1	86.0	1	68.0	1	49.0	1
1943	82.0	25	45.0	25	28.0	24	20.0	26	14.0	27	12.0	24	12.0	23	11.0	19	11.0	19
1944	132.0	20	98.0	17	74.0	16	63.0	12	53.0	9	38.0	9	29.0	8	26.0	8	20.0	8
1945	494.0	6	265.0	9	169.0	7	107.0	7	71.0	7	41.0	8	29.0	9	23.0	9	19.0	9
1946	210.0	16	154.0	13	99.0	12	58.0	13	34.0	12	18.0	17	13.0	20	10.0	23	9.4	20
1947	479.0	8	388.0	6	285.0	5	155.0	5	86.0	5	50.0	6	40.0	7	33.0	7	26.0	6
1948	421.0	10	394.0	5	310.0	4	227.0	2	134.0	4	79.0	4	58.0	4	46.0	4	33.0	4
1949	153.0	19	83.0	22	49.0	22	39.0	18	25.0	16	20.0	15	16.0	16	15.0	14	12.0	14
1950	33.0	32	24.0	33	17.0	31	13.0	30	10.0	31	9.1	27	9.1	26	7.6	26	6.7	27
1951	31.0	33	28.0	32	21.0	30	15.0	29	11.0	29	9.0	28	8.2	28	7.6	27	6.3	28
1952	214.0	15	96.0	18	76.0	14	42.0	14	22.0	20	11.0	25	7.9	29	7.1	29	7.5	24
1953	76.0	26	30.0	30	16.0	32	10.0	33	8.2	33	7.0	32	7.1	30	7.0	30	5.9	30
1954	172.0	17	101.0	16	49.0	23	26.0	23	15.0	24	8.2	30	5.8	33	4.7	33	3.9	34
1955	83.0	24	50.0	24	23.0	27	12.0	31	9.6	32	5.9	34	4.6	35	4.4	34	4.5	32
1956	494.0	7	312.0	7	137.0	9	65.0	11	33.0	13	19.0	16	14.0	18	11.0	20	8.2	22
1957	980.0	3	408.0	4	242.0	6	155.0	6	83.0	6	44.0	7	43.0	5	38.0	5	28.0	5
1958	115.0	21	90.0	19	60.0	18	35.0	21	23.0	18	23.0	12	21.0	10	18.0	10	14.0	10
1959	95.0	23	75.0	23	55.0	20	39.0	19	31.0	14	22.0	13	19.0	11	16.0	11	12.0	15
1960	1190.0	2	1110.0	1	739.0	1	377.0	1	197.0	1	108.0	2	76.0	2	58.0	3	40.0	3
1961	359.0	11	139.0	14	63.0	17	35.0	20	20.0	21	17.0	18	15.0	17	14.0	15	14.0	11
1962	40.0	31	33.0	29	23.0	28	19.0	27	15.0	25	13.0	23	12.0	21	11.0	21	9.4	21
1963	60.0	27	28.0	31	15.0	33	9.5	34	7.6	34	5.9	35	4.7	34	4.2	35	3.5	35
1964	217.0	14	172.0	12	112.0	11	73.0	10	48.0	10	27.0	10	19.0	12	15.0	12	11.0	16
1965	469.0	9	184.0	11	84.0	13	42.0	15	25.0	15	15.0	20	17.0	15	13.0	17	12.0	12
1966	166.0	18	84.0	21	52.0	21	27.0	22	15.0	26	8.1	31	5.9	31	5.2	32	5.4	31
1967	58.0	28	36.0	28	27.0	25	22.0	24	19.0	23	14.0	22	12.0	22	10.0	22	7.7	23
1968	16.0	35	15.0	34	9.9	35	6.9	35	6.5	35	6.3	33	5.9	32	5.3	31	4.3	33
1969	107.0	22	89.0	20	56.0	19	40.0	16	23.0	19	15.0	21	11.0	24	9.3	24	7.3	25
1970	17.0	34	14.0	35	13.0	34	12.0	32	11.0	30	8.3	29	8.4	27	7.4	28	7.3	26
1971	57.0	29	39.0	26	23.0	29	16.0	28	13.0	28	11.0	26	9.3	25	7.9	25	6.3	29
1972	551.0	5	296.0	8	151.0	8	78.0	9	42.0	11	26.0	11	18.0	13	15.0	13	11.0	17
1973	1400.0	1	767.0	2	391.0	2	216.0	4	142.0	2	99.0	3	76.0	3	60.0	2	42.0	2
1974	273.0	13	202.0	10	133.0	10	99.0	8	70.0	8	51.0	5	40.0	6	33.0	6	25.0	7
1975	46.0	30	37.0	27	26.0	26	21.0	25	20.0	22	16.0	19	13.0	19	13.0	18	11.0	18

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHERRY CREEK NEAR FRANKTOWN, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1941	0.61	14	0.60	9	0.64	8	0.68	7	1.20	20	2.10	26	3.60	27	3.90	27	4.30	25
1942	1.00	26	1.10	26	1.20	25	1.50	27	4.90	34	5.20	33	5.60	30	6.30	31	7.60	31
1943	1.90	34	1.90	33	2.30	34	2.90	34	6.00	35	8.20	35	9.20	35	9.60	35	9.80	35
1944	0.90	23	0.90	23	1.10	24	1.20	24	1.30	23	1.60	23	1.60	18	2.30	21	3.70	23
1945	0.60	12	0.60	10	0.76	14	0.93	16	1.50	26	1.60	24	2.00	22	2.50	23	3.70	24
1946	0.80	19	0.87	21	1.60	29	2.30	32	2.80	30	4.10	29	5.70	31	6.00	30	6.30	29
1947	0.20	1	0.27	1	0.29	1	0.56	2	0.76	3	1.40	19	2.20	23	2.70	24	7.80	32
1948	3.10	35	3.40	35	3.60	35	3.90	35	4.20	33	6.00	34	7.20	34	7.00	33	7.80	33
1949	0.30	4	0.60	11	0.64	9	0.96	20	1.20	21	1.40	20	1.70	19	2.20	20	2.60	16
1950	0.60	13	0.67	14	0.70	10	1.00	23	1.10	17	1.30	18	1.50	16	2.10	19	3.00	21
1951	0.20	2	0.27	2	0.46	4	0.60	3	0.76	4	0.83	2	1.00	2	1.40	7	1.70	6
1952	0.40	5	0.40	5	0.47	5	0.74	9	0.82	5	1.10	9	2.30	25	2.40	22	2.70	19
1953	0.30	3	0.30	3	0.39	2	0.61	4	0.85	7	0.95	4	1.30	9	1.40	8	3.00	20
1954	0.40	6	0.40	4	0.46	3	0.55	1	0.73	1	0.95	5	1.10	5	1.20	2	1.80	7
1955	0.60	7	0.63	12	0.70	11	0.73	8	0.88	11	1.00	6	1.10	6	1.20	3	1.50	1
1956	0.60	8	0.60	6	0.86	18	0.94	17	1.10	18	1.20	15	1.30	10	1.40	9	1.60	4
1957	0.80	20	0.87	22	0.90	20	0.95	19	0.98	14	1.10	10	1.30	11	1.50	10	1.70	5
1958	1.30	27	1.30	27	1.50	28	2.40	33	3.80	31	4.60	30	4.90	29	5.30	29	5.40	27
1959	0.70	15	0.70	15	0.79	15	0.94	18	1.20	22	1.50	21	1.80	21	2.00	16	2.60	17
1960	0.70	16	0.73	17	0.80	16	0.80	12	0.86	8	0.94	3	1.00	3	1.30	4	1.80	8

06712000 CHERRY CREEK NEAR FRANKTOWN, COLO --Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHERRY CREEK NEAR FRANKTOWN, CO.

YEAR	1	3	7	14	30	60	90	120	183
1961	0.70 17	0.77 18	0.81 17	0.86 13	0.94 12	1.00 7	1.20 7	2.00 17	2.70 18
1962	1.50 30	1.70 30	1.90 30	2.20 30	4.20 32	5.10 32	6.40 33	6.40 32	7.10 30
1963	0.60 9	0.60 7	0.60 6	0.62 5	0.73 2	0.82 1	0.90 1	1.00 1	1.50 2
1964	0.60 10	0.67 13	0.73 12	0.77 10	0.82 6	1.30 16	1.30 12	1.30 5	2.30 15
1965	0.70 18	0.70 16	0.76 13	0.80 11	0.86 9	1.10 11	1.20 8	1.50 11	1.90 9
1966	1.70 31	1.80 31	2.00 31	2.20 31	2.40 27	3.40 28	3.40 26	3.40 26	3.60 22
1967	0.60 11	0.60 8	0.60 7	0.66 6	0.87 10	1.20 12	1.70 20	2.10 18	2.20 13
1968	1.30 28	1.30 28	1.40 26	1.40 25	1.40 24	1.50 22	1.60 17	1.80 14	2.00 12
1969	0.90 24	0.93 25	0.96 23	0.98 21	1.10 19	1.20 13	1.40 13	1.60 12	1.90 10
1970	1.30 29	1.30 29	1.40 27	1.40 26	1.50 25	1.90 25	2.20 24	2.90 25	4.40 26
1971	0.90 25	0.91 24	0.93 22	0.99 22	1.00 15	1.20 14	1.40 14	1.60 13	2.00 11
1972	0.86 22	0.86 19	0.90 21	0.92 15	0.98 13	1.00 8	1.10 4	1.30 6	1.50 3
1973	0.82 21	0.86 20	0.88 19	0.90 14	1.10 16	1.30 17	1.40 15	1.90 15	2.30 14
1974	1.90 32	1.90 32	2.00 32	2.00 28	2.70 29	4.80 31	5.90 32	8.00 34	8.30 34
1975	1.90 33	2.00 34	2.00 33	2.10 29	2.40 28	3.20 27	3.80 28	4.30 28	5.60 28

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
3.7	4.5	4.1	4.5	8.0	25	16	14	7.8	7.4	9.5	2.9
10	8.1	6.2	5.5	34	1650	324	558	73	73	168	8.3
3.2	2.8	2.5	2.3	5.8	41	18	24	8.6	8.6	13	2.9
1.5	0.71	1.3	1.2	1.9	2.7	2.9	4.6	2.2	2.5	2.4	1.9
0.87	0.63	0.61	0.53	0.73	1.6	1.1	1.7	1.1	1.2	1.4	0.99
3.4	4.2	3.8	4.2	7.5	23	15	13	7.3	6.9	8.8	2.7

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.43	0.57	0.54	0.60	0.81	1.1	1.0	0.89	0.68	0.64	0.66	0.32
0.11	0.08	0.06	0.05	0.08	0.22	0.15	0.18	0.18	0.21	0.27	0.11
0.33	0.28	0.25	0.22	0.28	0.47	0.39	0.43	0.43	0.46	0.52	0.34
0.57	0.09	0.29	0.19	0.33	1.0	0.11	0.70	0.37	0.21	0.48	0.89
0.77	0.49	0.46	0.37	0.35	0.44	0.39	0.48	0.62	0.73	0.79	1.1
5.2	6.9	6.6	7.2	9.8	13	12	11	8.3	7.7	8.0	3.9

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
8.9	40	6.3	1.5	0.71	0.269

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.86	0.07	0.27	0.50	0.31	0.492

06712500 CHERRY CREEK NEAR MELVIN, COLO.

LOCATION.--Lat 39°35'42", long 104°48'44", in SE¼SE¼ sec.19, T.5 S., R.66 W., Arapahoe County, near right bank on downstream side of Arapahoe Road bridge, 0.9 mi (1.4 km) upstream from Piney Creek (South Cherry Creek), 2.3 mi (3.7 km) southeast of former site of Melvin, 5.5 mi (8.9 km) upstream from Cherry Creek Dam, and 6.0 mi (9.7 km) northwest of Parker.

DRAINAGE AREA.--336 mi^2 (870 km^2).

REMARKS.--Diversions above station for irrigation of about 1,800 acres (7.3 km^2). Ground-water withdrawals for irrigation and municipal use show a significant effect on natural flow of stream beginning in 1949. Statistical summaries are shown for two periods, water years 1940-48, and water years 1949-69.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHERRY CREEK NEAR MELVIN, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1940	79		18	6	7	9	6	7	9	11	7	12	13	14	12	12	18	29	25	23	22	11	5	2	1	2	3		1	2					
1941	17					1		8	18	8	8	19	39	18	21	31	51	58	28	16	6	5	4	2	1	3	1		1		1				
1942					10	1		3		2	8	12	24	30	18	47	47	40	17	19	9	22	12	8	5	4	6	3	3	3	9	2	1		
1943	30	19	3	6	8	11	3	1	3	6	3	10	23	26	34	28	37	60	23	11	7	6	5	1				1							
1944	45	23	1	9		27		9	14	10	16	10	16	15	14	9	31	24	16	20	19	17	11	5	1	2	2								
1945	54	5		11	1	7		11	15	2	7	20	31	41	26	16	21	31	19	18	3	4	6		4	1	4	1	2	2		1	1		

06712500 CHERRY CREEK NEAR MELVIN, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHERRY CREEK NEAR MELVIN, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1946	51		11		9	8	3	4	5	19	6	9	10	49	38	49	44	34	5	2	2		2		2				1		1	1			
1947	21	15		5		1		1	4		8	13	7	16	30	29	29	34	35	34	30	27	9	4	3	3	1	2	1	1	2				
1948	87	2		4			6		3	4	10	17	17	25	25	17	15	18	20	24	10	16	11	7	4	3	2	5	1	9	3	1			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	384	3288	100.0	9	1.60	62	2533	77.0	18	19.0	188	785	23.9	27	220	12	62	1.8
1	0.10	64	2904	88.3	10	2.10	73	2471	75.2	19	25.0	167	597	18.2	28	300	10	50	1.5
2	0.20	33	2840	86.4	11	2.70	122	2398	72.9	20	33.0	108	430	13.1	29	390	17	40	1.2
3	0.30	41	2807	85.4	12	3.60	180	2276	69.2	21	43.0	108	322	9.8	30	510	16	23	.6
4	0.40	35	2766	84.1	13	4.70	234	2096	63.7	22	57.0	65	214	6.5	31	680	5	7	.2
5	0.50	65	2731	83.1	14	6.20	218	1862	56.6	23	74.0	29	149	4.5	32	890	2	2	
6	0.70	18	2666	81.1	15	8.20	238	1644	50.0	24	98.0	21	120	3.6	33				
7	0.90	44	2648	80.5	16	11.00	293	1406	42.8	25	130.0	18	99	3.0	34				
8	1.20	71	2604	79.2	17	14.00	328	1113	33.9	26	170.0	19	81	2.5					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHERRY CREEK NEAR MELVIN, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1940	459.0	7	221.0	7	142.0	6	85.0	6	61.0	5	37.0	8	31.0	6	31.0	6	28.0	5
1941	515.0	6	259.0	6	137.0	7	73.0	7	40.0	8	38.0	6	30.0	7	26.0	7	23.0	7
1942	890.0	2	682.0	1	489.0	2	453.0	1	276.0	1	230.0	1	167.0	1	131.0	1	92.0	1
1943	244.0	8	100.0	9	59.0	9	41.0	9	25.0	9	20.0	9	17.0	9	17.0	9	15.0	9
1944	208.0	9	149.0	8	101.0	8	71.0	8	57.0	6	40.0	5	39.0	5	35.0	5	28.0	6
1945	971.0	1	599.0	2	455.0	3	257.0	3	163.0	3	93.0	3	65.0	4	49.0	4	37.0	4
1946	699.0	4	395.0	5	210.0	5	105.0	5	56.0	7	37.0	7	25.0	8	20.0	8	16.0	8
1947	656.0	5	475.0	4	337.0	4	189.0	4	108.0	4	77.0	4	70.0	3	59.0	3	45.0	3
1948	728.0	3	597.0	3	519.0	1	330.0	2	241.0	2	161.0	2	125.0	2	102.0	2	69.0	2

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHERRY CREEK NEAR MELVIN, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1941	0.00	1	0.00	1	0.20	7	0.31	5	3.00	6	6.70	7	7.30	5	8.30	6	10.00	5
1942	0.00	2	0.00	2	0.00	1	0.46	7	4.10	7	7.10	8	8.20	7	8.90	7	12.00	6
1943	0.40	8	0.40	8	0.41	8	0.66	8	4.30	8	5.80	6	12.00	8	12.00	8	12.00	7
1944	0.00	3	0.00	3	0.00	2	0.00	1	0.00	1	0.04	1	0.37	2	2.20	2	3.80	2
1945	0.00	4	0.00	4	0.00	3	0.00	2	0.00	2	0.16	2	0.27	1	0.90	1	2.70	1
1946	0.00	5	0.00	5	0.14	6	0.36	6	0.80	3	4.70	5	7.70	6	7.80	5	8.40	4
1947	0.00	6	0.00	6	0.00	4	0.00	3	0.87	4	2.60	3	2.90	3	6.90	3	13.00	8
1948	0.00	7	0.00	7	0.00	5	0.04	4	1.60	5	3.50	4	5.00	4	7.50	4	7.70	3

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
9.1	10	9.2	7.6	35	57	45	36	14	20	33	8.1
112	55	51	4.5	2760	4040	3740	1440	93	152	1900	221
11	7.4	7.1	2.1	53	64	61	38	9.7	12	44	15
1.2	0.91	1.3	-0.56	2.8	1.1	2.7	1.4	0.27	0.09	2.3	2.8
1.2	0.73	0.77	0.28	1.5	1.1	1.4	1.1	0.70	0.63	1.3	1.8
3.2	3.6	3.3	2.7	12	20	16	13	4.9	6.9	11	2.9

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.62	0.88	0.81	0.86	1.3	1.5	1.5	1.3	1.0	1.2	0.98	0.32
0.46	0.18	0.22	0.02	0.16	0.25	0.15	0.26	0.18	0.15	1.0	0.85
0.68	0.42	0.46	0.14	0.39	0.50	0.39	0.51	0.42	0.39	1.0	0.92
-0.48	-1.2	-1.4	-0.98	1.8	0.53	1.4	-0.05	-0.84	-1.0	-1.3	-0.81
1.1	0.48	0.57	0.16	0.30	0.34	0.27	0.39	0.42	0.33	1.0	2.9
5.1	7.2	6.6	7.1	11	12	12	11	8.2	9.6	8.0	2.6

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
24	180	13	1.3	0.57	-0.265

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.3	0.05	0.22	0.68	0.17	-0.298

06712500 CHERRY CREEK NEAR MELVIN, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHERRY CREEK NEAR MELVIN, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR																NUMBER OF DAYS IN CLASS																			
1949	116						3	5	2	14	11	13	6	10	9	15	13	8	29	33	26	7	13	14	5	10		1	1	1					
1950	139						10	8	4	11	8	12		13	14	20	18	15	29	13	27	12	8	1	1		1	1							
1951	259						4	2		3	7	2	1	4	5	18	6	7	15	12	14	3	1	1	1										
1952	229						2	33	12	5	4	6	6	4	2	11	15	12	11	7	3	1	1	1		1									
1953	295						4	4		3	1	13	9	10	2	11	4		1	2	2		1	1	1	1									
1954	346						1	1			1	1		2	3		2	1	1	3	1			1	1										
1955	344							2	1	1	1		1	1	1		1	2		2	2	1		1	1		1		1		1				
1956	355													1			1	4					1	1		1				1	1				
1957	307									1	1	3	1	2	2	3	2	2	4	3	5	2	1	4	2	4	5	1	4	3	1	1	1		
1958	210						2	9		10	3	4	2	6	1	8	11	8	18	24	19	10	5	5	2	3	4	1							
1959	226						1	5		3	3	7	3	8	6	6	8	5	15	6	18	7	17	6	10	4			1							
1960	284						1					3	3	4	3	7	4	4	5	9	6	5	6	5	5	3	2	1			1	2	3		
1961	210						2			1		2	1	12	4	8	28	17	12	20	31	10	2	1	2					2					
1962	145							5		4	20	6	1	44	4	27	6	14	10	16	34	14	13	2											
1963	356											1		1			4	1								1					1				
1964	336											2	2	2				3	3	2	5	4	3	1	2			1							
1965	270						12	2		6		6	10	7		12	6	2	3	2	5	5	3	1	3	2	1		2	2		1	1	1	
1966	131						10	14	4	4	3	13	26	16	29	45	31	13	15	5	3	1			1	1									
1967	276		1								2	5	2	5	6	12	8	13	11	3	9	4	5	2	1										
1968	230		1		10		8	4		3	2		1	3	13	26	12	14	15	13	8	2		1											
1969	332							1		1	1	3	1	3	2	3	2	1	2	1	1	1	3	1	3		3								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	5396	7670	100.0	9	0.40	70	2084	27.2	18	8.3	199	944	12.3	27	170	6	39	.5
1	0.01	0	2274	29.6	10	0.60	68	2014	26.3	19	12.0	176	745	9.7	28	240	9	33	.4
2	0.02	2	2274	29.6	11	0.80	102	1946	25.4	20	16.0	219	569	7.4	29	330	9	24	.3
3	0.03	0	2272	29.6	12	1.10	76	1844	24.0	21	23.0	89	350	4.6	30	470	5	15	.1
4	0.05	10	2272	29.6	13	1.60	158	1768	23.1	22	32.0	83	261	3.4	31	650	4	10	.1
5	0.07	0	2262	29.5	14	2.20	106	1610	21.0	23	45.0	50	178	2.3	32	920	5	6	
6	0.10	60	2262	29.5	15	3.00	232	1504	19.6	24	62.0	41	128	1.7	33	1300	1	1	
7	0.20	95	2202	28.7	16	4.30	182	1272	16.6	25	87.0	31	87	1.1	34				
8	0.30	23	2107	27.5	17	6.00	146	1090	14.2	26	120.0	17	56	0.7					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHERRY CREEK NEAR MELVIN, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1949	339.0	8	210.0	6	146.0	5	106.0	4	60.0	4	50.0	4	38.0	4	37.0	4	26.0	4
1950	176.0	11	103.0	13	49.0	13	26.0	15	22.0	14	15.0	11	12.0	11	13.0	9	11.0	9
1951	66.0	19	27.0	21	18.0	21	15.0	17	12.0	17	8.4	17	7.8	16	6.5	15	4.9	14
1952	90.0	16	37.0	16	21.0	19	12.0	19	10.0	18	7.6	18	6.5	18	4.9	19	3.8	18
1953	101.0	14	35.0	19	18.0	20	9.2	21	7.1	20	3.6	21	2.6	20	3.0	20	2.4	20
1954	81.0	18	37.0	17	23.0	18	11.0	20	6.9	21	3.7	20	2.5	21	1.9	21	1.2	21
1955	599.0	5	204.0	7	88.0	7	48.0	9	39.0	6	21.0	8	14.0	9	11.0	10	7.0	10
1956	645.0	4	361.0	4	156.0	4	73.0	5	36.0	7	19.0	9	14.0	10	10.0	11	6.8	11
1957	929.0	3	510.0	3	285.0	3	238.0	3	153.0	3	80.0	3	63.0	3	55.0	3	36.0	3
1958	185.0	10	138.0	9	84.0	8	49.0	8	32.0	8	29.0	6	25.0	6	21.0	6	16.0	6
1959	291.0	9	114.0	11	75.0	10	68.0	6	58.0	5	38.0	5	29.0	5	27.0	5	18.0	5
1960	1280.0	2	1140.0	2	797.0	1	426.0	1	225.0	1	121.0	1	84.0	2	63.0	2	41.0	2
1961	452.0	7	269.0	5	121.0	6	57.0	7	29.0	9	17.0	10	16.0	8	15.0	7	14.0	7
1962	46.0	21	45.0	14	40.0	14	34.0	13	24.0	12	23.0	7	20.0	7	15.0	8	12.0	8
1963	566.0	6	191.0	8	83.0	9	45.0	11	23.0	13	12.0	13	7.7	17	5.8	17	3.8	19
1964	171.0	12	112.0	12	69.0	11	45.0	12	25.0	10	12.0	14	8.6	15	6.5	16	4.3	16
1965	4000.0	1	1730.0	1	781.0	2	370.0	2	189.0	2	104.0	2	91.0	1	69.0	1	46.0	1
1966	91.0	15	35.0	18	28.0	16	13.0	18	8.5	19	7.4	19	6.1	19	5.0	18	4.2	17
1967	85.0	17	43.0	15	36.0	15	26.0	14	17.0	15	12.0	15	9.0	12	8.3	12	5.4	12
1968	55.0	20	31.0	20	23.0	17	17.0	16	14.0	16	11.0	16	9.0	13	7.3	14	4.8	15
1969	169.0	13	131.0	10	69.0	12	47.0	10	24.0	11	13.0	12	8.8	14	8.2	13	5.4	13

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHERRY CREEK NEAR MELVIN, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1950	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.20	18	0.50	17	1.50	17
1951	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	1	0.00	1	0.00	1
1952	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	2	0.00	2	0.03	13
1953	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	3	0.00	3	0.00	2
1954	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	4	0.00	4	0.00	3
1955	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	5	0.00	5	0.00	4
1956	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	6	0.00	6	0.00	5
1957	0.00	8	0.00	8	0.00	8	0.00	8	0.00	8	0.00	8	0.00	7	0.00	7	0.00	6
1958	0.00	9	0.00	9	0.00	9	0.00	9	0.00	9	0.17	18	0.14	17	0.55	18	1.70	18
1959	0.00	10	0.00	10	0.00	10	0.00	10	0.00	10	0.00	9	0.00	8	0.00	8	0.75	16
1960	0.00	11	0.00	11	0.00	11	0.00	11	0.00	11	0.00	10	0.00	9	0.00	9	0.00	7

06712500 CHERRY CREEK NEAR MELVIN, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHERRY CREEK NEAR MELVIN, CO.

YEAR	1	3	7	14	30	60	90	120	183
1961	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 11	0.00 10	0.00 10	0.00 8
1962	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	1.50 20	2.30 20	3.10 20	2.90 20
1963	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 12	0.00 11	0.00 11	0.00 9
1964	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 13	0.00 12	0.00 12	0.04 14
1965	0.00 16	0.00 16	0.00 16	0.00 16	0.00 16	0.00 14	0.00 13	0.00 13	0.00 10
1966	0.00 17	0.00 17	0.00 17	0.00 17	0.00 17	0.29 19	2.20 19	2.20 19	2.50 19
1967	0.00 18	0.00 18	0.00 18	0.00 18	0.00 18	0.00 15	0.00 14	0.00 14	0.00 11
1968	0.00 19	0.00 19	0.00 19	0.00 19	0.00 19	0.00 16	0.00 15	0.00 15	0.23 15
1969	0.00 20	0.00 20	0.00 20	0.00 20	0.00 20	0.00 17	0.00 16	0.00 16	0.00 12

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.37	0.62	0.53	2.1	5.8	17	9.6	9.7	14	8.0	13	0.18
0.88	2.6	1.5	23	65	1860	114	171	1780	238	526	0.27
0.94	1.6	1.2	4.8	8.1	43	11	13	42	15	23	0.52
2.3	3.1	2.6	2.6	1.2	4.2	1.7	1.6	4.0	3.6	2.3	3.5
2.5	2.6	2.3	2.3	1.4	2.6	1.1	1.3	3.1	1.9	1.8	2.9
0.46	0.77	0.67	2.6	7.2	21	12	12	17	9.9	16	0.22

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.06	0.04	0.05	0.16	0.42	0.64	0.67	0.49	0.28	0.36	0.36	-0.05
0.02	0.09	0.05	0.18	0.39	0.46	0.43	0.62	0.58	0.75	1.1	0.07
0.15	0.29	0.22	0.43	0.63	0.68	0.66	0.79	0.76	0.86	1.0	0.26
2.4	-0.10	0.90	1.3	0.12	0.71	-0.89	-0.33	1.1	-0.90	-0.58	-3.2
2.6	8.3	4.5	2.7	1.5	1.1	0.98	1.6	2.8	2.4	2.9	-4.9
1.7	1.0	1.4	4.6	12	18	19	14	8.0	10	10	-1.5

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
6.7	44	6.7	1.5	0.99	0.076

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.64	0.18	0.42	0.15	0.66	0.388

06713000 CHERRY CREEK BELOW CHERRY CREEK LAKE, COLO.

LOCATION.--Lat 39°39'12", long 104°51'41", in SW¼SW¼ sec.35, T.4 S., R.67 W., Arapahoe County, on right bank 2,000 ft (610 m) downstream from Cherry Creek Dam, 2.2 mi (3.5 km) southeast of Sullivan, 9 mi (14 km) southeast of Civic Center in Denver, and 11 mi (18 km) upstream from mouth.

DRAINAGE AREA.--385 mi² (997 km²).

REMARKS.--Flow regulated by Cherry Creek Lake (capacity, 95,960 acre-ft or 118 hm³). Dam completed in June 1950. Permanent storage started May 15, 1957. Diversions above station for irrigation of about 1,800 acres (7.28 km²). Statistical summaries are shown for two periods, water years 1951-57, and water years 1958-75.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHERRY CREEK BELOW CHERRY CREEK LAKE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1951								2	7	38	124	52	66	39	9	8	6	1	3	1	2	3	3				1								
1952			1		1	2	7	21	27	65	80	85	17	11	12	8	8	3	6	5		3	1		2			1							
1953								15	74	79	96	58	28	1	4	2				1	1	1		1	1	2	1								
1954						16	40	75	92	89	40		2	1	1	1	1			1		1	1	1	1	1			1						
1955			6	5	1	29	20	137	119	23	4		3	3		2		1			1	2	1	4	1				1				1	1	
1956			3	11	22	20	27	8	58	169	36		1		2			2				1	1	1	1		1		1					1	

06713000 CHERRY CREEK BELOW CHERRY CREEK LAKE, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHERRY CREEK BELOW CHERRY CREEK LAKE, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2192	100.0	9	1.20	488	1665	76.0	18	8.5	5	70	3.2	27	62	3	10	.4
1	0.10	0	2192	100.0	10	1.50	330	1177	53.7	19	11.0	9	65	3.0	28	77	1	7	.3
2	0.20	3	2192	100.0	11	1.80	344	847	38.6	20	13.0	8	56	2.6	29	97	3	6	.2
3	0.30	18	2189	99.9	12	2.30	196	503	22.9	21	17.0	4	48	2.2	30	120		3	.1
4	0.40	27	2171	99.0	13	2.80	116	307	14.0	22	21.0	11	44	2.0	31	150		3	.1
5	0.50	22	2144	97.8	14	3.50	57	191	8.7	23	26.0	7	33	1.5	32	190		3	.1
6	0.60	74	2122	96.8	15	4.40	26	134	6.1	24	32.0	7	26	1.2	33	230	1	3	.1
7	0.80	75	2048	93.4	16	5.50	21	108	4.9	25	40.0	6	19	0.9	34	290	2	2	
8	0.90	308	1973	90.0	17	6.80	17	87	4.0	26	50.0	3	13	0.6					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHERRY CREEK BELOW CHERRY CREEK LAKE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1951	69.0	6	25.0	6	19.0	6	14.0	4	9.3	5	6.7	4	5.8	4	5.1	4	4.6	4
1952	85.0	4	36.0	5	22.0	4	13.0	5	9.9	4	7.8	3	6.9	3	5.7	3	4.7	3
1953	76.0	5	43.0	4	22.0	5	11.0	6	8.3	6	5.7	6	4.4	6	4.5	5	3.8	5
1954	103.0	3	65.0	3	30.0	3	15.0	3	11.0	3	6.3	5	4.5	5	3.7	6	3.0	6
1955	291.0	2	143.0	2	71.0	2	39.0	2	29.0	2	16.0	2	11.0	2	8.8	2	6.1	2
1956	721.0	1	295.0	1	132.0	1	62.0	1	31.0	1	17.0	1	13.0	1	9.8	1	6.9	1

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHERRY CREEK BELOW CHERRY CREEK LAKE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1952	1.10	6	1.10	6	1.40	6	1.40	6	1.60	6	1.90	6	1.90	6	2.00	6	2.10	6
1953	0.30	2	0.60	3	0.79	4	0.95	4	1.00	4	1.30	5	1.60	5	1.60	5	1.70	5
1954	0.90	5	0.93	5	1.00	5	1.10	5	1.20	5	1.20	4	1.30	4	1.30	4	1.50	4
1955	0.60	4	0.60	4	0.64	3	0.69	3	0.74	3	0.91	2	1.00	2	1.10	2	1.10	2
1956	0.30	3	0.30	2	0.31	2	0.39	2	0.51	2	1.00	3	1.20	3	1.30	3	1.30	3
1957	0.20	1	0.23	1	0.29	1	0.35	1	0.42	1	0.48	1	0.58	1	0.72	1	0.85	1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.7	1.7	1.7	1.6	1.9	2.8	4.0	3.5	1.7	4.3	12	1.3
0.32	0.20	0.39	0.17	0.51	4.2	14	3.1	0.30	5.1	136	0.31
0.57	0.45	0.62	0.41	0.71	2.0	3.8	1.8	0.55	2.3	12	0.56
0.94	0.64	1.2	-0.69	1.1	1.3	0.86	-0.77	-0.70	0.25	0.96	-0.15
0.34	0.27	0.37	0.25	0.37	0.72	0.93	0.50	0.33	0.53	0.95	0.44
4.3	4.3	4.4	4.3	5.1	7.3	11	9.1	4.3	11	32	3.3

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.20	0.21	0.21	0.20	0.27	0.37	0.44	0.48	0.19	0.57	0.93	0.05
0.02	0.01	0.02	0.01	0.02	0.08	0.18	0.08	0.03	0.08	0.16	0.06
0.14	0.11	0.15	0.12	0.15	0.29	0.42	0.29	0.17	0.27	0.40	0.23
0.44	0.42	0.69	-0.86	0.41	0.80	0.48	-0.92	-1.3	-0.85	0.84	-1.1
0.70	0.55	0.71	0.59	0.57	0.79	0.97	0.61	0.88	0.48	0.43	4.3
4.9	5.1	5.1	4.9	6.5	8.9	11	12	4.7	14	23	1.3

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
3.2	0.44	0.66	-0.89	0.21	0.165

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.50	0.01	0.10	-1.2	0.20	0.109

06713000 CHERRY CREEK BELOW CHERRY CREEK LAKE, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHERRY CREEK BELOW CHERRY CREEK LAKE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR															NUMBER OF DAYS IN CLASS																				
1958	280							29	30	7	13				1					2		1						1	1						
1959	310							21	18				7	2		2	3						1				1								
1960	249							46	48	11					1														2		3	1	5		
1961	266							43	43	11																			1			1			
1962	10							161	147	15	20														1		2	1	8						
1963	224							54	77	1	2		1														1	1	1	1	2				
1964	358																								1		1	3	3						
1965	346																													2	1	5	9	2	
1966	362																												1	1	1				
1967	365																																		
1968	366																																		
1969	365																																		
1970	360																			1							1		3						
1971	365																																		
1972	366																																		
1973	320					1									1											2	2		15	2	9	13			
1974	313		1		1																			1		26	2	5	2	1	13				
1975	347																							1	1	16									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	5572	6574	100.0	9	0.30	45	282	4.3	18	5.3	0	184	2.8	27	86	11	120	1.8
1	0.01	0	1002	15.2	10	0.40	35	237	3.6	19	7.2	3	184	2.8	28	120	37	109	1.6
2	0.02	1	1002	15.2	11	0.60	0	202	3.1	20	9.8	0	181	2.8	29	160	7	72	1.0
3	0.03	0	1001	15.2	12	0.80	8	202	3.1	21	13.0	1	181	2.8	30	220	29	65	.9
4	0.05	1	1001	15.2	13	1.10	2	194	3.0	22	18.0	1	180	2.7	31	300	20	36	.5
5	0.06	1	1000	15.2	14	1.50	3	192	2.9	23	25.0	2	179	2.7	32	410	14	16	.2
6	0.09	0	999	15.2	15	2.10	2	189	2.9	24	34.0	3	177	2.7	33	560	2	2	
7	0.10	354	999	15.2	16	2.80	3	187	2.8	25	46.0	45	174	2.6	34				
8	0.20	363	645	9.8	17	3.90	0	184	2.8	26	63.0	9	129	2.0					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHERRY CREEK BELOW CHERRY CREEK LAKE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1958	158.0	8	53.0	12	23.0	12	11.0	12	8.8	12	4.7	12	3.4	12	2.6	12	1.7	12
1959	50.0	13	24.0	13	11.0	13	5.7	13	3.2	13	1.7	13	1.1	13	0.8	13	0.6	13
1960	525.0	2	525.0	2	440.0	2	205.0	4	103.0	4	67.0	4	45.0	4	34.0	4	22.0	4
1961	328.0	4	151.0	7	65.0	10	30.0	11	15.0	11	7.7	11	5.2	11	3.9	11	2.6	11
1962	136.0	9	136.0	8	116.0	6	54.0	8	27.0	8	23.0	5	15.0	5	12.0	5	7.6	5
1963	245.0	7	234.0	5	118.0	5	60.0	5	33.0	5	17.0	6	11.0	6	8.4	6	5.6	6
1964	124.0	11	122.0	10	115.0	7	57.0	6	28.0	7	14.0	8	9.5	8	7.1	8	4.7	8
1965	560.0	1	559.0	1	551.0	1	450.0	1	225.0	2	140.0	2	93.0	2	70.0	2	46.0	2
1966	270.0	5	195.0	6	84.0	8	39.0	9	20.0	9	9.8	9	6.5	9	4.9	9	3.2	9
1967	0.0	14	0.0	14	0.0	14	0.0	14	0.0	14	0.0	14	0.0	14	0.0	14	0.0	14
1968	0.0	15	0.0	15	0.0	15	0.0	15	0.0	15	0.0	15	0.0	15	0.0	15	0.0	15
1969	0.0	16	0.0	16	0.0	16	0.0	16	0.0	16	0.0	16	0.0	16	0.0	16	0.0	16
1970	130.0	10	129.0	9	68.0	9	32.0	10	16.0	10	7.9	10	5.3	10	4.0	10	2.6	10
1971	0.0	17	0.0	17	0.0	17	0.0	17	0.0	17	0.0	17	0.0	17	0.0	17	0.0	17
1972	0.0	18	0.0	18	0.0	18	0.0	18	0.0	18	0.0	18	0.0	18	0.0	18	0.0	18
1973	365.0	3	362.0	3	339.0	3	302.0	2	269.0	1	145.0	1	105.0	1	79.0	1	52.0	1
1974	261.0	6	261.0	4	258.0	4	241.0	3	124.0	3	86.0	3	67.0	3	50.0	3	33.0	3
1975	60.0	12	59.0	11	59.0	11	57.0	7	32.0	6	16.0	7	11.0	7	8.0	7	5.3	7

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHERRY CREEK BELOW CHERRY CREEK LAKE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1959	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
1960	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2
1961	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.01	16	0.02	16
1962	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.01	17	0.13	17
1963	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	3	0.01	15
1964	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	4	0.00	3
1965	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	5	0.00	4
1966	0.00	8	0.00	8	0.00	8	0.00	8	0.00	8	0.00	8	0.00	8	0.00	6	0.00	5
1967	0.00	9	0.00	9	0.00	9	0.00	9	0.00	9	0.00	9	0.00	9	0.00	7	0.00	6
1968	0.00	10	0.00	10	0.00	10	0.00	10	0.00	10	0.00	10	0.00	10	0.00	8	0.00	7
1969	0.00	11	0.00	11	0.00	11	0.00	11	0.00	11	0.00	11	0.00	11	0.00	9	0.00	8
1970	0.00	12	0.00	12	0.00	12	0.00	12	0.00	12	0.00	12	0.00	12	0.00	10	0.00	9
1971	0.00	13	0.00	13	0.00	13	0.00	13	0.00	13	0.00	13	0.00	13	0.00	11	0.00	10
1972	0.00	14	0.00	14	0.00	14	0.00	14	0.00	14	0.00	14	0.00	14	0.00	12	0.00	11
1973	0.00	15	0.00	15	0.00	15	0.00	15	0.00	15	0.00	15	0.00	15	0.00	13	0.00	12
1974	0.00	16	0.00	16	0.00	16	0.00	16	0.00	16	0.00	16	0.00	16	0.00	14	0.00	13
1975	0.00	17	0.00	17	0.00	17	0.00	17	0.00	17	0.00	17	0.00	17	0.00	15	0.00	14

06713000 CHERRY CREEK BELOW CHERRY CREEK LAKE, COLO.--Continued

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.01	0.01	0.01	0.01	3.33	13.1	6.91	4.26	13.7	2.87	14.9	3.05
0.00	0.00	0.00	0.00	94.1	1069	166	92.5	3267	114	2628	163
0.03	0.03	0.02	0.02	9.70	32.7	12.9	9.62	57.2	10.7	51.3	12.8
3.51	4.24	4.24	4.13	2.71	2.61	1.68	2.08	4.24	4.14	4.08	4.24
2.87	4.24	4.24	3.76	2.91	2.49	1.86	2.26	4.17	3.73	3.44	4.19
0.02	0.01	0.01	0.01	5.36	21.1	11.1	6.85	22.0	4.61	24.0	4.90

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
-0.22	-0.05	-0.06	-0.16	0.09	0.27	0.20	0.01	-0.12	-0.14	0.16	-0.15
0.27	0.05	0.06	0.24	0.35	0.73	0.87	0.71	0.88	0.49	0.74	0.39
0.52	0.23	0.24	0.49	0.59	0.86	0.93	0.84	0.94	0.70	0.86	0.63
-2.14	-4.24	-4.24	-3.17	0.77	0.53	-0.96	-0.45	-0.27	0.46	0.66	1.18
-2.36	-4.24	-4.24	-3.06	6.60	3.21	4.59	82.9	-7.53	-4.89	5.24	-4.14
125	30.7	32.1	91.4	-51.2	-152	-116	-5.79	70.7	81.4	-93.3	86.3

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
5.19	67.8	8.23	1.79	1.59	0.095

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.37	0.31	0.55	0.72	1.50	0.120

06713500 CHERRY CREEK AT DENVER, COLO.

LOCATION.--Lat 39°44'58", long 105°00'08", in NE¼ sec.33, T.3 S., R.68 W., Denver County, on right bank on downstream side of Wazee Street Bridge in Denver, 0.5 mi (0.8 km) upstream from mouth.

DRAINAGE AREA.--409 mi² (1,059 km²).

REMARKS.--Several diversions above station for irrigation of about 1,900 acres (7.7 km²). Flow regulated by Cherry Creek Lake 11 mi (18 km) upstream (capacity, 95,960 acre-ft or 118 hm³) since May 15, 1957. Statistical summaries are shown for two periods, water years 1943-57, and water years 1958-69.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHERRY CREEK AT DENVER, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	SUM OF VALUES
YEAR	NUMBER OF DAYS IN CLASS																																			
1943								1	2	2	15	40	9	20	14	69	57	43	38	18	10	12	7	2	3	2		1								7389.6
1944					2	13	13	4	6	6	13	20	21	21	19	49	22	22	17	15	14	18	9	14	17	11	11	7	1		1					14229.0
1945								1	4	19	32	43	71	41	41	43	15	6	9	3	3	3	5	8	3	2		5	2	1	1	1	1	1	1	10911.3
1946			1			1	5	11	12	35	35	39	37	36	29	48	40	14	8	2	2	3			1	1	2	1	1			1				5176.4
1947										1	7	19	48	24	24	60	26	15	28	23	26	14	15	7	10	5	2	2	4	2	2		1			13352.1
1948		3				3	4	12	16	26	25	15	17	21	19	52	26	23	16	15	19	12	15	6	3	3	3	2	3	2		3	1	1		13102.4
1949						1	9	4	9	29	74	69	35	16	15	27	14	13	12	13	7	7	2	5	1	1			1	1						4998.7
1950										13	65	109	65	72	8	10	3	7	2	2		1		1	2		3	1				1				4037.2
1951										3	27	102	68	74	36	16	14	7	4	6	4	2	1			1										3295.7
1952											34	75	68	40	60	18	6	11	4	6	11	15	5	8	2	1	2									5706.7
1953											73	64	96	53	31	27	8	3	2	1	3	1	1	1	1											2979.0
1954										11	72	201	41	12	7	7	6	1	3	2	1		1													2191.1
1955								5	20	109	100	45	34	14	6	8	4	2	4	6	1	1		2	1	1			2							3015.6
1956										11	11	18	61	40	14	3	6	2		1	1	2	1	1	1	1	1							1		3307.1

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5114	100.0	9	2.70	365	4951	96.8	18	24.0	148	724	14.2	27	200	19	56	1.0
1	0.30	3	5114	100.0	10	3.50	690	4586	89.7	19	30.0	113	576	11.3	28	260	14	37	.7
2	0.50	1	5111	99.9	11	4.40	902	3896	76.2	20	38.0	103	463	9.1	29	330	6	23	.4
3	0.60	0	5110	99.9	12	5.60	650	2994	58.5	21	48.0	90	360	7.0	30	420	4	17	.3
4	0.80	2	5110	99.9	13	7.10	458	2344	45.8	22	61.0	62	270	5.3	31	530	5	13	.2
5	1.00	18	5108	99.9	14	9.00	312	1886	36.9	23	78.0	55	208	4.1	32	670	4	8	.1
6	1.30	31	5090	99.5	15	11.00	440	1574	30.8	24	99.0	45	153	3.0	33	860	3	4	
7	1.70	38	5059	98.9	16	15.00	243	1134	22.2	25	130.0	29	108	2.1	34	1100	1	1	
8	2.10	70	5021	98.2	17	19.00	167	891	17.4	26	160.0	23	79	1.5					

06713500 CHERRY CREEK AT DENVER, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHERRY CREEK AT DENVER, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1943	240.0	10	135.0	11	86.0	10	52.0	10	40.0	10	30.0	10	26.0	9	25.0	7	24.0	6
1944	488.0	7	250.0	7	237.0	4	200.0	3	161.0	3	124.0	3	106.0	1	92.0	1	69.0	1
1945	1350.0	1	872.0	1	655.0	1	386.0	1	245.0	1	137.0	1	95.0	3	73.0	4	52.0	4
1946	684.0	4	379.0	5	208.0	6	123.0	5	71.0	6	41.0	7	30.0	7	23.0	8	18.0	9
1947	672.0	5	410.0	4	311.0	3	186.0	4	121.0	4	86.0	4	85.0	4	77.0	3	59.0	3
1948	860.0	3	569.0	2	508.0	2	326.0	2	222.0	2	131.0	2	105.0	2	87.0	2	51.0	2
1949	372.0	8	185.0	8	114.0	8	78.0	8	57.0	7	45.0	6	36.0	6	30.0	6	23.0	7
1950	600.0	6	288.0	6	129.0	7	75.0	9	44.0	9	32.0	8	27.0	8	23.0	9	18.0	8
1951	134.0	12	64.0	13	42.0	12	28.0	12	20.0	12	17.0	12	16.0	12	15.0	12	13.0	11
1952	180.0	11	137.0	10	105.0	9	97.0	7	78.0	5	52.0	5	40.0	5	33.0	5	25.0	5
1953	125.0	13	68.0	12	38.0	13	25.0	13	19.0	13	15.0	13	13.0	13	13.0	13	10.0	13
1954	66.0	14	30.0	14	22.0	14	16.0	14	12.0	14	10.0	14	8.8	14	8.1	14	7.1	14
1955	293.0	9	156.0	9	71.0	11	47.0	11	37.0	11	25.0	11	18.0	11	16.0	11	12.0	12
1956	1090.0	2	445.0	3	223.0	5	106.0	6	57.0	8	31.0	9	23.0	10	19.0	10	14.0	10

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHERRY CREEK AT DENVER, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1944	0.80	3	1.10	2	1.20	2	1.60	1	3.40	5	6.40	13	8.40	13	8.60	12	10.00	12
1945	0.90	4	1.30	3	1.40	3	2.90	5	3.80	8	5.30	11	6.20	11	6.70	11	6.80	10
1946	1.90	6	2.40	6	2.90	6	3.90	11	5.40	14	5.80	12	7.40	12	8.90	13	9.70	11
1947	0.51	2	1.40	4	1.50	4	1.90	3	3.10	3	4.30	7	4.60	7	6.60	10	16.00	14
1948	3.50	12	3.70	13	4.00	14	4.80	14	5.30	13	9.90	14	13.00	14	15.00	14	14.00	13
1949	0.40	1	0.40	1	0.93	1	1.60	2	2.80	1	3.30	1	3.60	2	3.70	1	3.80	1
1950	2.80	8	3.10	9	3.10	9	3.40	8	3.60	6	4.00	4	4.50	6	4.40	5	4.60	4
1951	3.00	10	3.10	10	3.80	12	4.30	13	4.50	12	4.60	10	4.80	8	4.90	7	5.30	7
1952	3.80	14	4.00	14	4.00	13	4.10	12	4.20	10	4.40	8	5.00	10	5.20	9	6.40	9
1953	3.50	13	3.50	12	3.60	11	3.70	10	4.20	11	4.60	9	4.80	9	5.10	8	5.90	8
1954	3.20	11	3.30	11	3.40	10	3.40	9	3.70	7	4.00	5	4.10	4	4.30	4	4.90	5
1955	2.80	9	2.90	8	2.90	7	3.10	6	3.20	4	3.70	3	3.70	3	3.90	3	4.10	3
1956	1.70	5	2.00	5	2.10	5	2.30	4	3.00	2	3.30	2	3.50	1	3.70	2	4.00	2
1957	2.50	7	2.80	7	3.00	8	3.20	7	4.00	9	4.30	6	4.50	5	4.80	6	4.90	6

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
11	9.9	7.3	8.0	15	28	20	33	29	17	34	7.9
58	52	23	44	354	2570	432	1170	989	165	3600	21
7.6	7.2	4.8	6.7	19	51	21	34	31	13	60	4.6
1.9	1.0	1.8	2.4	2.7	2.6	2.1	1.5	2.0	2.4	3.3	3.0
0.72	0.72	0.66	0.84	1.3	1.8	1.0	1.0	1.1	0.77	1.7	0.58
4.8	4.5	3.3	3.6	6.8	13	9.1	15	13	7.6	16	3.6

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.94	0.90	0.80	0.81	0.97	1.0	1.1	1.3	1.2	1.1	1.2	0.85
0.07	0.09	0.05	0.07	0.15	0.28	0.16	0.19	0.22	0.08	0.24	0.03
0.26	0.29	0.23	0.26	0.39	0.52	0.40	0.43	0.47	0.28	0.49	0.18
0.69	0.61	1.0	1.3	1.1	1.4	0.34	0.36	0.13	0.31	0.90	1.7
0.28	0.32	0.29	0.32	0.40	0.50	0.36	0.33	0.38	0.24	0.40	0.21
7.6	7.3	6.4	6.6	7.9	8.5	9.1	11	10.0	9.2	9.9	6.9

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
18	140	12	0.84	0.65	0.501

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.2	0.08	0.27	0.32	0.23	0.618

06713500 CHERRY CREEK AT DENVER, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHERRY CREEK AT DENVER, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1958		19	18	14	55	68	57	21	15	23	19	7	11	9	11	4	2	4	2	2		1	1	1		1									
1959		2	23	71	30	63	42	46	25	16	9	12	7	7	2	4	2	1	1	1						1									
1960		1	6	24	67	70	70	27	27	20	15	3	3	8	2	4	2	2	2		3					1		1	3					5	
1961			5	18	35	90	48	26	34	25	18	15	17	3	6	4	3	4		5	1	3	1	1	1				2						
1962				1	11	24	47	70	70	36	24	30	17	12	4	3	1	3		2			1	1	3	5									
1963			1	15	44	78	15	50	30	39	24	34	9	8	3	2	2	3	1			1	1				1	1	3						
1964			1	12	52	69	75	47	27	28	22	10	10	1		1	2			1		2		4	2										
1965			1	8	49	68	40	27	24	30	27	15	22	8	7	3	3	4	2	1	3	1		2		1		1	2	4			8	4	
1966			5	18	43	49	40	51	25	33	31	19	16	10	6	5	4	1	3		1	2	1				1		1						
1967			1	11	42	57	36	31	35	39	39	24	13	7	4	5	4	1	4	5	2	1		2			1	1							
1968					1	67	83	49	39	41	24	29	16	5	1		3	3	2	1	2														
1969						42	86	46	14	18	22	44	35	19	16	5	5	1	3	1	1	1	2				1			2			1		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4383	100.0	9	10.00	348	1439	32.8	18	43.0	20	140	3.2	27	180	4	39	.8
1	2.70	22	4383	100.0	10	12.00	274	1091	24.9	19	50.0	19	120	2.7	28	210	11	35	.7
2	3.30	61	4361	99.5	11	14.00	242	817	18.6	20	59.0	13	101	2.3	29	250	6	24	.5
3	3.90	192	4300	98.1	12	16.00	176	575	13.1	21	69.0	12	88	2.0	30	290		18	.4
4	4.50	429	4108	93.7	13	19.00	97	399	9.1	22	81.0	7	76	1.7	31	340		18	.4
5	5.30	745	3679	83.9	14	22.00	62	302	6.9	23	95.0	11	69	1.6	32	400		18	.4
6	6.20	639	2934	66.9	15	26.00	40	240	5.5	24	110.0	6	58	1.3	33	470	14	18	.4
7	7.30	491	2295	52.4	16	31.00	33	200	4.6	25	130.0	9	52	1.2	34	550	4	4	
8	8.60	365	1804	41.2	17	36.00	27	167	3.8	26	150.0	4	43	1.0					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHERRY CREEK AT DENVER, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1958	133.0	10	84.0	10	54.0	10	39.0	8	30.0	8	20.0	9	18.0	8	16.0	8	13.0	9
1959	141.0	9	69.0	11	36.0	11	24.0	11	18.0	12	14.0	12	12.0	12	11.0	12	9.9	12
1960	476.0	3	472.0	2	389.0	2	189.0	2	98.0	2	68.0	2	48.0	2	39.0	2	28.0	2
1961	235.0	4	154.0	5	73.0	7	50.0	7	31.0	7	28.0	6	22.0	7	20.0	6	17.0	5
1962	149.0	8	146.0	6	124.0	3	63.0	4	37.0	5	30.0	4	23.0	6	20.0	7	17.0	6
1963	225.0	6	218.0	4	111.0	5	61.0	5	40.0	4	28.0	5	24.0	4	22.0	4	17.0	7
1964	119.0	11	109.0	8	99.0	6	52.0	6	29.0	9	21.0	8	17.0	9	15.0	9	13.0	10
1965	557.0	1	555.0	1	550.0	1	454.0	1	246.0	1	156.0	1	108.0	1	86.0	1	60.0	1
1966	228.0	5	143.0	7	65.0	8	37.0	9	23.0	10	16.0	10	16.0	10	15.0	10	14.0	8
1967	180.0	7	98.0	9	55.0	9	36.0	10	33.0	6	27.0	7	23.0	5	22.0	5	18.0	4
1968	60.0	12	38.0	12	29.0	12	21.0	12	19.0	11	16.0	11	14.0	11	13.0	11	12.0	11
1969	480.0	2	238.0	3	118.0	4	79.0	3	47.0	3	40.0	3	34.0	3	30.0	3	24.0	3

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHERRY CREEK AT DENVER, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1959	2.80	1	2.80	1	2.90	1	3.70	1	4.00	1	4.40	1	4.70	1	5.00	1	6.20	1
1960	3.60	7	4.00	6	4.30	6	4.80	7	5.20	7	5.20	2	5.40	3	5.50	2	7.10	3
1961	3.20	2	3.50	2	3.80	2	4.20	2	5.10	5	5.20	3	5.80	6	6.00	4	7.70	7
1962	3.30	3	3.70	3	4.00	5	4.60	5	5.70	9	7.40	11	8.20	11	9.90	11	13.00	11
1963	4.00	9	4.30	9	4.60	7	4.70	6	5.00	4	5.30	4	5.30	2	5.70	3	7.40	6
1964	3.60	8	4.10	7	4.70	8	4.90	8	5.40	8	6.00	8	6.10	8	6.20	6	7.00	2
1965	3.50	4	4.30	8	4.90	9	5.10	9	5.20	6	5.70	7	6.00	7	6.40	7	7.20	4
1966	3.50	5	3.80	4	3.90	3	4.30	3	4.50	2	5.40	5	5.70	5	7.30	10	9.10	10
1967	3.60	6	4.00	5	4.00	4	4.60	4	4.90	3	5.60	6	5.60	4	6.10	5	7.40	5
1968	5.10	10	5.60	11	5.80	10	5.90	10	6.10	10	6.30	9	6.40	9	6.50	8	8.20	9
1969	5.40	11	5.50	10	5.90	11	6.00	11	6.20	11	6.40	10	6.90	10	6.90	9	7.90	8

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
12	7.0	6.1	6.0	9.6	16	12	18	16	14	33	17
5.6	1.6	0.95	1.1	90	524	57	139	56	35	3870	244
2.4	1.3	0.97	1.0	9.5	23	7.5	12	7.5	6.0	62	16
0.94	0.43	-0.29	1.0	2.8	3.2	1.3	1.5	1.1	0.96	3.3	3.0
0.19	0.18	0.16	0.17	0.98	1.5	0.61	0.65	0.46	0.42	1.9	0.89
7.3	4.2	3.6	3.6	5.8	9.3	7.4	11	9.7	8.5	19	10

06713500 CHERRY CREEK AT DENVER, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.1	0.84	0.78	0.77	0.88	1.0	1.0	1.2	1.2	1.1	1.2	1.2
0.01	0.01	0.01	0.01	0.07	0.11	0.06	0.06	0.03	0.03	0.18	0.06
0.08	0.08	0.07	0.07	0.26	0.33	0.24	0.25	0.18	0.17	0.43	0.24
0.51	0.07	-0.73	0.55	2.2	2.5	0.67	0.56	0.67	0.53	2.0	2.0
0.08	0.09	0.09	0.09	0.30	0.33	0.23	0.21	0.16	0.15	0.35	0.21
8.8	6.8	6.4	6.3	7.2	8.3	8.4	9.7	9.6	9.2	9.9	9.5

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
14	45	6.7	2.6	0.48	-0.246

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.1	0.03	0.16	1.6	0.14	-0.296

06714000 SOUTH PLATTE RIVER AT DENVER, COLO.

LOCATION.--Lat 39°45'35", long 105°00'10", in NW¼SE¼ sec.28, T.3 S., R.68 W., Denver County, on right bank 90 ft (27 m) upstream from Nineteenth Street Bridge in Denver and 0.4 mi (0.6 km) downstream from Cherry Creek.

DRAINAGE AREA.--3,804 mi² (9,852 km²).

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs, power developments, ground-water withdrawals, and diversions for irrigation of about 79,000 acres (320 km²) and municipal use, and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT DENVER, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1896									4	2	12	10	22	46	48	75	58	36	13	7	14	14	5												
1897							1	1	4	5	11	65	61	26	14	17	13	23	24	23	35	10	8	17	4	2	1								
1898									3	2	9	5	16	40	45	69	37	17	13	15	19	13	5	18	22	16	1								
1899									10	23	29	12	19	25	20	21	27	46	43	29	23	14	13	10	1										
1900									2	4	4	17	32	58	59	66	27	2	2	4	7	3	5	1	4	8	5	15	23	16	1				
1901						2		1	4		5	16	13	10	67	63	75	41	11	12	11	15	13	6											
1902			1			9		94	4	61	24	116	22	3	9	5	8	9																	
1903			6		2		10	27	34	56	60	52	25	25	12	7	14	1	7	4	10	8	1	4											
1904									11	30	87	56	18	13	11	15	33	30	28	18	10	4	1	1											
1905									3	9	18	42	39	65	20	27	23	26	17	15	6	3	3	6	18	25									
1906										34	41	58	37	12	17	24	41	43	28	13	5	6	6												
1907												16	28	33	24	21	52	28	33	50	32	33	9	3		3									
1908										14	68	82	48	102	18	33	1																		
1909								28	31	31	31		30		32	32	2	1	38	11	10	9	36	23	4	4	4	8							
1910											7	19	16	16	28	46	64	44	49	43	20	12	1												
1911									2	12	41	57	72	43	23	34	26	12	14	10	10	9													
1912								5	11	24	65	63	35	16	5	10	22	16	11	23	15	8	11	10	9	5	1	1							
1913												5	33	78	51	29	41	32	51	16	10	8	6	3	2										
1914																30	71	69	12	24	16	14	18	15	10	7	28	35	10	3	3				
1915													2	8	57	41	58	57	13	20	22	15	13	20	28	9	2								
1916												8	13	51	32	64	59	43	35	37	15	8		1											
1917												4	17	129	44	35	12	15	19	22	8	14	5	5	12	21	3								
1918									4	3	4	33	40	81	26	22	19	23	20	21	26	17	12	8	2	2	1	1							
1919												3	18	52	33	56	38	22	15	26	20	28	16	22	9	3	2	2							
1920									1	7	15	13	31	99	28	13	18	13	25	29	22	15	9	12	6	9	1								
1921									1	10	18	16	36	79	33	15	8	4	6	9	5	10	21	38	26	7	6	2	2	5	3	4	1		
1922									2	1	3	13	18	34	53	97	29	29	22	16	27	14	5	2											
1923										6	8	13	33	67	31	51	27	13	11	20	8	14	10	20	17	14	2								
1924												1	6	8	4	31	44	75	33	28	17	40	31	16	19	3	6	4							
1925			1	2				1	3	20	22	25	17	68	60	73	37	21	12	2	1														
1926											2	36	41	66	33	31	17	17	13	22	10	4	7	21	33	9	2	1							
1927										2	18	31	54	67	34	45	17	31	27	19	13	5	1	1											
1928											2	51	102	75	21	22	19	18	8	6	8	10	6	12	6										
1929										2	34	52	35	63	24	22	23	33	17	21	13	15	3	3	4	1									
1930											4	43	33	56	25	43	35	28	22	29	18	7	5	10	4	3									
1931										1	21	57	38	68	28	27	20	29	13	21	23	16	3												
1932								3	12	15	78	60	30	45	14	18	24	21	28	11	5	2													
1933							10	39	48	12	18	38	18	21	3	3	6	14	32	23	11	10	15	25	7	3	4	4						1	
1934										3	33	67	55	100	38	32	15	9	6	7															
1935						2	21	47	28	38	40	25	16	19	7	14	26	29	12	10	10	8	3	3	5		1	1							

06714000 SOUTH PLATTE RIVER AT DENVER, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT DENVER, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1936						1	12	13	25	43	40	11	21	32	3	13	24	24	15	25	23	17	12	7	4	1									
1937							2	7	18	35	45	35	21	35	20	29	37	36	19	17	4	1	2	1	1										
1938								1	20	46	36	45	20	22	6	5	5	20	30	15	21	14	19	14	19	5	1	1							
1939							3	1	6	11	15	19	10	36	27	51	41	32	24	17	27	30	5	2	4	2	2								
1940							1	4	10	54	77	43	21	41	31	29	18	11	20	4	2														
1941								2	6	20	57	51	21	39	11	21	9	13	20	23	14	33	10	11	4										
1942									1	5	16	55	27	9	18	30	24	31	21	20	14	13	7	7	22	17	3	13	6	6					
1943									3	4	13	14	23	62	57	63	33	31	37	13	8	4													
1944									6	11	39	76	32	42	21	9	16	21	18	12	10	5	13	16	11	7	1								
1945							3	4	36	21	27	38	35	73	25	20	12	17	9	5	3	9	3	5	7	3	4	3	2	1					
1946									2	5	3	29	48	108	34	49	30	22	16	8	7	3			1										
1947											4	33	21	40	27	43	33	15	7	24	16	21	9	31	28	5	3	3	2						
1948												2	15	45	22	40	28	52	32	26	18	15	3	16	34	7	7	4							
1949											4	48	68	90	16	12	14	15	8	13	8	6	4	14	13	5	7	7	6	3	3	1			
1950								7	7	22	49	60	41	84	29	24	13	19	8		1			1											
1951			2			1		6	12	26	35	40	52	39	34	25	22	25	19	15	8	3			1										
1952									10	25	32	59	35	14	28	14	27	30	34	17	12	7	3	9	9	1									
1953						2	4	6	22	34	75	30	47	16	15	9	17	23	24	20	8	10	2		1										
1954			1		3	3	12	12	32	44	64	64	40	22	30	5	14	13	4			1		1											
1955							2	19	54	56	55	24	19	16	8	9	28	28	17	9	5	4	9	1	1	1									
1956				1	4	3	12	28	50	68	42	32	20	19	22	7	18	16	9	2	6	3	3				1								
1957				2	5	6	13	19	66	37	20	20	2	7	12	3	8	6	13	5	5	12	18	18	33	21	3	6	3						
1958							1		4	2	14	41	41	40	27	18	35	38	33	14	5	7	7	9	4	15	7	3							
1959								1	15	27	45	52	35	30	26	17	25	20	25	25	14	4	4												
1960									13	18	17	50	34	25	29	13	19	22	30	30	20	11	13	15	5	2									
1961								1	5	3	4	25	56	48	42	19	18	16	36	34	24	18	10	6											
1962									5	14	4	9	16	15	31	27	43	31	69	46	19	7	16	9	4										
1963							16	22	40	33	60	78	27	16	33	9	18	3	6	1	1		1		1										
1964									18	39	67	45	47	19	40	27	27	12	13	2	2	5	2		1										
1965							3	10	52	60	50	18	4	3	2	5	6	16	16	18	26	17	17	24	10	2	2	2	1					1	
1966									3	13	36	70	67	64	17	26	28	20	14	6	1														
1967								1	24	27	85	47	28	27	14	42	26	14	13	11	2	3		1											
1968											10	76	58	81	22	40	16	24	17	13	6	3													
1969									5	25	68	51	29	37	14	11	6	15	7	25	13	7	8	5	9	9	6	4	7	1		1		1	1
1970													5	39	35	41	33	25	13	26	32	24	13	12	15	11	19	12	6	3	1				
1971												3	46	75	42	40	21	31	40	29	27	6	3	2											
1972											9	38	100	82	26	31	29	23	15	8	2	1	1	1											
1973												32	72	67	17	15	11	23	10	16	11	5	12	16	11	7	11	5	4	10	7	1	1	1	
1974											2	9	22	86	43	38	61	30	17	24	22	7	3		1										
1975											1	65	68	57	15	29	30	27	16	17	13	8	5	11	1	1	1								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	29219	100.0	9	52.00	1358	27405	93.8	18	380.0	1468	6789	23.2	27	2700	135	300	1.0
1	8.70	3	29219	100.0	10	64.00	2072	26047	89.1	19	470.0	1271	5321	18.2	28	3400	66	165	.5
2	11.00	10	29216	100.0	11	80.00	2669	23975	82.1	20	590.0	965	4050	13.9	29	4300	55	99	.3
3	14.00	13	29206	100.0	12	100.00	2457	21306	72.9	21	730.0	782	3085	10.6	30	5300	24	44	.1
4	17.00	19	29193	99.9	13	120.00	3666	18849	64.5	22	910.0	530	2303	7.9	31	6600	13	20	
5	21.00	74	29174	99.8	14	160.00	1936	15183	52.0	23	1100.0	599	1773	6.1	32	8300	3	7	
6	27.00	180	29100	99.6	15	190.00	2433	13247	45.3	24	1400.0	472	1174	4.0	33	10000	3	4	
7	33.00	644	28920	99.0	16	240.00	2067	10814	37.0	25	1800.0	236	702	2.4	34	13000	1	1	
8	41.00	871	28276	96.8	17	300.00	1958	8747	29.9	26	2200.0	166	466	1.6					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT DENVER, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1896	1090.0	64	948.0	55	903.0	48	759.0	49	748.0	45	584.0	46	459.0	53	389.0	56	327.0	55
1897	2430.0	27	2090.0	30	1490.0	35	1240.0	33	1160.0	29	884.0	32	787.0	31	723.0	28	602.0	25
1898	2310.0	29	2120.0	26	1940.0	26	1860.0	21	1760.0	17	1520.0	14	1250.0	16	1050.0	17	761.0	20
1899	1420.0	48	1300.0	46	1170.0	42	1050.0	41	958.0	37	776.0	35	687.0	36	627.0	36	550.0	29
1900	5570.0	10	5240.0	9	5090.0	7	5060.0	4	4290.0	3	3850.0	2	2970.0	2	2290.0	3	1570.0	3
1901	1390.0	49	1310.0	45	1080.0	43	898.0	44	824.0	43	709.0	41	613.0	40	525.0	41	445.0	38
1902	341.0	79	341.0	79	326.0	79	291.0	77	237.0	77	159.0	78	133.0	80	117.0	80	102.0	80
1903	1240.0	53	1230.0	47	1050.0	45	867.0	46	736.0	46	487.0	53	360.0	63	298.0	67	217.0	69
1904	1170.0	57	897.0	59	639.0	67	589.0	61	509.0	61	445.0	58	420.0	56	407.0	54	321.0	56
1905	2110.0	36	2100.0	29	2030.0	23	1920.0	20	1890.0	12	1550.0	12	1210.0	18	974.0	20	718.0	23
1906	1020.0	66	957.0	54	900.0	49	755.0	51	649.0	50	508.0	52	448.0	54	405.0	55	357.0	53
1907	2120.0	35	2020.0	32	1470.0	36	1090.0	39	855.0	42	800.0	34	720.0	33	662.0	34	529.0	32
1908	280.0	80	208.0	80	202.0	80	201.0	80	166.0	80	158.0	79	146.0	78	136.0	79	121.0	77
1909	3010.0	15	2960.0	14	2640.0	15	2500.0	10	1790.0	15	1290.0	21	1130.0	20	1100.0	13	830.0	14
1910	918.0	69	848.0	60	768.0	58	714.0	52	573.0	55	469.0	56	472.0	52	424.0	52	374.0	51
1911	890.0	71	823.0	65	683.0	62	654.0	56	603.0	53	479.0	55	408.0	57	360.0	57	279.0	58
1912	2850.0	21	2400.0	21	1930.0	27	1520.0	27	1160.0	30	1060.0	26	900.0	26	772.0	26	558.0	27
1913	1680.0	41	1350.0	43	1050.0	46	874.0	45	696.0	48	576.0	49	520.0	48	489.0	48	410.0	45
1914	6270.0	8	6010.0	7	5200.0	6	4010.0	7	3040.0	7	2730.0	4	2300.0	4	2380.0	2	1870.0	2
1915	2470.0	26	2240.0	24	2030.0	24	1770.0	25	1590.0	23	1370.0	19	1290.0	13	1060.0	16	835.0	13

06714000 SOUTH PLATTE RIVER AT DENVER, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT DENVER, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1916	1190.0	55	847.0	61	775.0	56	596.0	59	525.0	58	486.0	54	480.0	51	454.0	51	366.0	52
1917	2250.0	32	2250.0	23	2160.0	18	2120.0	16	1980.0	10	1480.0	15	1170.0	19	991.0	19	722.0	22
1918	2820.0	22	2420.0	20	1880.0	28	1380.0	30	1100.0	32	924.0	29	796.0	30	714.0	29	557.0	28
1919	2980.0	16	2740.0	17	2110.0	20	1500.0	28	1210.0	27	1050.0	27	964.0	22	963.0	21	769.0	18
1920	2230.0	33	2140.0	27	2000.0	25	1790.0	23	1370.0	26	942.0	28	863.0	28	822.0	23	631.0	24
1921	8790.0	5	8440.0	3	7400.0	2	5960.0	3	3870.0	4	2600.0	6	2110.0	6	1910.0	5	1410.0	5
1922	1300.0	52	1090.0	49	887.0	51	765.0	47	622.0	52	584.0	47	522.0	47	506.0	43	412.0	44
1923	2550.0	25	2190.0	25	2080.0	21	1990.0	17	1650.0	21	1400.0	17	1220.0	17	1040.0	18	764.0	19
1924	2920.0	18	2870.0	16	2730.0	13	2370.0	12	1820.0	14	1540.0	13	1260.0	14	1070.0	15	823.0	15
1925	643.0	75	502.0	76	407.0	77	362.0	76	347.0	74	306.0	70	272.0	71	259.0	70	208.0	70
1926	2910.0	19	2590.0	18	2120.0	19	1770.0	24	1720.0	18	1590.0	11	1360.0	11	1140.0	12	848.0	12
1927	1160.0	58	758.0	71	682.0	63	545.0	64	491.0	62	457.0	57	428.0	55	415.0	53	341.0	54
1928	1700.0	40	1660.0	35	1510.0	33	1320.0	31	1160.0	28	772.0	36	654.0	38	553.0	39	413.0	43
1929	1800.0	38	1570.0	36	1490.0	34	1110.0	37	918.0	38	761.0	37	611.0	41	546.0	40	414.0	41
1930	2120.0	34	2030.0	31	1710.0	30	1440.0	29	1140.0	31	854.0	33	720.0	34	635.0	35	496.0	36
1931	972.0	67	906.0	58	844.0	52	758.0	50	709.0	47	633.0	45	545.0	45	497.0	47	383.0	48
1932	821.0	74	675.0	73	548.0	70	509.0	66	447.0	65	423.0	61	374.0	61	342.0	61	262.0	62
1933	9310.0	4	4460.0	10	2630.0	16	1960.0	19	1660.0	20	1320.0	20	1070.0	21	924.0	22	785.0	17
1934	554.0	78	495.0	77	477.0	73	417.0	72	356.0	73	282.0	74	229.0	75	216.0	75	188.0	73
1935	2900.0	20	1690.0	34	1550.0	32	1320.0	32	989.0	35	639.0	44	571.0	42	522.0	42	381.0	49
1936	1960.0	37	1530.0	38	1230.0	40	1170.0	35	1010.0	34	751.0	38	720.0	35	680.0	32	525.0	33
1937	1740.0	39	1330.0	44	970.0	47	691.0	53	535.0	57	426.0	60	376.0	60	335.0	62	267.0	61
1938	2950.0	17	2360.0	22	1780.0	29	1670.0	26	1490.0	25	1150.0	25	917.0	25	798.0	25	752.0	21
1939	2340.0	28	2000.0	33	1670.0	31	1210.0	34	1070.0	33	907.0	30	815.0	29	678.0	33	512.0	35
1940	636.0	76	546.0	75	481.0	72	445.0	71	367.0	69	305.0	71	269.0	72	232.0	73	199.0	71
1941	1510.0	46	1450.0	40	1230.0	41	1090.0	40	985.0	36	904.0	31	757.0	32	705.0	31	548.0	30
1942	8280.0	6	7820.0	4	6800.0	4	6300.0	1	5470.0	1	4080.0	1	3280.0	1	2650.0	1	1960.0	1
1943	900.0	70	802.0	68	678.0	64	567.0	63	477.0	63	391.0	64	363.0	62	353.0	58	288.0	57
1944	2280.0	30	2180.0	26	2070.0	22	1800.0	22	1520.0	24	1220.0	22	960.0	23	816.0	24	596.0	26
1945	4660.0	11	4030.0	11	3310.0	10	2530.0	9	1930.0	11	1220.0	23	878.0	27	706.0	30	523.0	34
1946	1490.0	47	843.0	63	706.0	61	589.0	62	405.0	68	349.0	67	304.0	68	280.0	69	244.0	67
1947	3420.0	12	3330.0	12	2880.0	11	2210.0	14	1830.0	13	1620.0	10	1450.0	10	1260.0	9	963.0	9
1948	3260.0	13	3100.0	13	2750.0	12	2470.0	11	2000.0	9	1750.0	9	1460.0	9	1240.0	10	935.0	10
1949	7440.0	7	6590.0	5	5600.0	5	4520.0	5	3430.0	5	2430.0	7	1890.0	7	1500.0	7	1040.0	7
1950	1130.0	61	760.0	70	540.0	71	413.0	73	357.0	72	293.0	72	251.0	74	220.0	74	186.0	74
1951	1390.0	50	844.0	62	586.0	69	542.0	65	426.0	67	331.0	68	318.0	66	292.0	68	229.0	68
1952	1590.0	45	1410.0	42	1270.0	38	1160.0	36	895.0	41	660.0	42	548.0	44	498.0	46	381.0	50
1953	1130.0	62	812.0	67	770.0	57	590.0	60	517.0	59	433.0	59	394.0	58	351.0	60	253.0	63
1954	962.0	68	466.0	78	331.0	78	270.0	79	223.0	78	155.0	80	156.0	77	149.0	77	113.0	79
1955	1630.0	44	1000.0	52	801.0	55	610.0	58	511.0	60	382.0	65	282.0	69	303.0	65	247.0	65
1956	2630.0	23	1440.0	41	804.0	54	461.0	70	362.0	70	293.0	73	277.0	70	240.0	72	174.0	76
1957	3230.0	14	2930.0	15	2660.0	14	2200.0	15	1760.0	16	1450.0	16	1310.0	12	1220.0	11	871.0	11
1958	2550.0	24	2500.0	19	2270.0	17	1970.0	18	1670.0	19	1220.0	24	922.0	24	752.0	27	539.0	31
1959	881.0	72	765.0	69	677.0	65	493.0	68	464.0	64	407.0	63	380.0	59	353.0	59	276.0	59
1960	1650.0	43	1470.0	39	1250.0	39	978.0	43	804.0	44	742.0	39	679.0	37	602.0	37	459.0	37
1961	1090.0	65	920.0	57	750.0	59	679.0	55	601.0	54	562.0	50	494.0	50	458.0	50	408.0	46
1962	1300.0	51	1170.0	48	1060.0	44	1010.0	42	908.0	39	656.0	43	568.0	43	501.0	45	414.0	42
1963	1190.0	56	815.0	66	457.0	76	278.0	78	206.0	79	181.0	77	140.0	79	149.0	78	116.0	78
1964	1230.0	54	944.0	56	672.0	66	480.0	69	342.0	76	266.0	75	258.0	73	241.0	71	196.0	72
1965	12000.0	3	6350.0	6	3680.0	9	2360.0	13	1630.0	22	1370.0	18	1250.0	15	1080.0	14	817.0	16
1966	630.0	77	583.0	74	471.0	75	392.0	74	346.0	75	235.0	76	200.0	76	211.0	76	179.0	75
1967	1140.0	60	676.0	72	475.0	74	370.0	75	358.0	71	318.0	69	317.0	67	301.0	66	244.0	66
1968	875.0	73	829.0	64	718.0	60	624.0	57	541.0	56	409.0	62	340.0	64	329.0	63	271.0	60
1969	13300.0	1	10900.0	1	6900.0	3	4480.0	6	2840.0	8	2370.0	8	1790.0	8	1450.0	8	997.0	8
1970	5780.0	9	5250.0	8	4090.0	8	3830.0	8	3170.0	6	2670.0	5	2180.0	5	1820.0	6	1330.0	6
1971	1120.0	63	1040.0	51	891.0	50	686.0	54	630.0	51	545.0	51	536.0	46	502.0	44	419.0	40
1972	1160.0	59	977.0	53	632.0	68	496.0	67	432.0	66	367.0	66	333.0	65	309.0	64	253.0	64
1973	12500.0	2	9720.0	2	7440.0	1	6050.0	2	4880.0	2	3400.0	3	2630.0	3	2120.0	4	1490.0	4
1974	1670.0	42	1070.0	50	825.0	53	760.0	48	686.0	49	582.0	48	519.0	49	459.0	49	394.0	47
1975	2280.0	31	1550.0	37	1340.0	37	1100.0	38	908.0	40	741.0	40	649.0	39	556.0	38	438.0	39

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT DENVER, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1897	27.00	14	35.00	22	48.00	28	71.00	46	81.00	41	89.00	39	94.00	40	96.00	31	104.00	31
1898	50.00	44	59.00	52	76.00	58	103.00	68	122.00	66	133.00	64	146.00	65	163.00	65	221.00	68
1899	42.00	34	45.00	31	49.00	29	51.00	27	54.00	21	63.00	21	80.00	29	99.00	34	125.00	44
1900	65.00	61	70.00	59	80.00	61	95.00	64	108.00	61	147.00	69	151.00	67	163.00	66	172.00	63
1901	51.00	47	57.00	48	60.00	39	76.00	49	99.00	56	107.00	50	119.00	53	135.00	58	158.00	59
1902	12.00	4	25.00	10	36.00	15	44.00	19	55.00	22	58.00	18	65.00	18	106.00	41	101.00	30
1903	13.00	5	13.00	2	22.00	3	28.00	3	34.00	5	40.00	4	40.00	3	47.00	3	48.00	2
1904	29.00	17	35.00	23	38.00	18	44.00	20	58.00	24	63.00	22	69.00	20	71.00	18	84.00	20
1905	45.00	37	49.00	34	50.00	30	54.00	28	84.00	43	88.00	37	93.00	38	102.00	37	125.00	45
1906	53.00	50	55.00	46	56.00	36	56.00	29	61.00	26	70.00	28	74.00	27	76.00	24	87.00	22
1907	76.00	69	81.00	67	90.00	67	95.00	65	100.00	57	114.00	55	133.00	61	162.00	63	288.00	75
1908	60.00	58	60.00	53	61.00	41	67.00	39	77.00	37	82.00	33	92.00	37	108.00	42	110.00	33
1909	40.00	30	40.00	25	40.00	20	40.00	13	40.00	9	43.00	6	49.00	7	54.00	7	82.00	18
1910	70.00	65	93.00	72	132.00	77	157.00	78	191.00	78	224.00	78	222.00	77	246.00	78	348.00	78

06714000 SOUTH PLATTE RIVER AT DENVER, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT DENVER, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1911	50.00	45	52.00	39	63.00	45	64.00	36	80.00	38	89.00	38	94.00	39	98.00	33	99.00	29
1912	40.00	31	53.00	40	59.00	37	60.00	34	62.00	27	64.00	23	70.00	23	76.00	25	84.00	19
1913	40.00	32	40.00	26	44.00	25	49.00	25	62.00	28	120.00	61	121.00	55	135.00	59	171.00	62
1914	80.00	72	90.00	69	136.00	78	152.00	77	203.00	79	221.00	77	225.00	78	237.00	77	261.00	72
1915	110.00	79	143.00	79	160.00	79	172.00	79	181.00	77	188.00	76	194.00	74	213.00	74	260.00	71
1916	95.00	78	102.00	77	110.00	75	119.00	73	147.00	74	157.00	72	177.00	73	188.00	71	238.00	69
1917	88.00	74	93.00	73	103.00	71	110.00	71	118.00	64	122.00	62	128.00	58	134.00	56	151.00	55
1918	46.00	38	49.00	35	70.00	51	83.00	53	103.00	58	112.00	54	112.00	50	118.00	50	128.00	46
1919	80.00	73	96.00	74	104.00	72	120.00	74	127.00	70	142.00	68	148.00	66	162.00	64	189.00	65
1920	47.00	41	50.00	38	64.00	46	89.00	59	97.00	53	107.00	51	120.00	54	129.00	53	135.00	47
1921	56.00	52	58.00	49	61.00	42	69.00	42	98.00	54	107.00	52	113.00	51	121.00	51	135.00	48
1922	44.00	35	53.00	41	62.00	43	66.00	37	152.00	75	163.00	73	165.00	71	173.00	70	184.00	64
1923	45.00	36	49.00	36	71.00	53	87.00	56	130.00	71	137.00	66	145.00	64	151.00	61	157.00	57
1924	59.00	57	59.00	50	70.00	52	94.00	62	142.00	73	234.00	79	338.00	79	349.00	79	486.00	79
1925	56.00	53	57.00	47	68.00	50	69.00	43	80.00	39	115.00	56	138.00	62	146.00	60	155.00	56
1926	15.00	6	18.00	5	32.00	12	45.00	21	64.00	31	106.00	49	111.00	49	121.00	52	139.00	51
1927	57.00	54	62.00	55	66.00	48	73.00	47	99.00	55	111.00	53	114.00	52	117.00	49	123.00	42
1928	66.00	62	79.00	65	89.00	66	93.00	60	96.00	52	99.00	45	103.00	45	108.00	43	115.00	37
1929	59.00	55	61.00	54	67.00	49	71.00	44	73.00	35	80.00	32	89.00	33	105.00	39	121.00	40
1930	75.00	67	76.00	62	79.00	59	83.00	54	89.00	49	116.00	57	128.00	59	135.00	57	158.00	58
1931	62.00	59	68.00	57	74.00	55	78.00	50	87.00	46	92.00	40	99.00	41	108.00	44	138.00	50
1932	33.00	24	42.00	29	53.00	34	62.00	35	67.00	33	71.00	29	73.00	25	77.00	27	90.00	24
1933	30.00	18	31.00	14	31.00	10	33.00	8	37.00	6	40.00	5	41.00	4	47.00	4	66.00	8
1934	64.00	60	68.00	58	72.00	54	76.00	48	84.00	44	95.00	43	110.00	48	111.00	47	125.00	43
1935	23.00	11	24.00	9	28.00	6	30.00	5	32.00	3	35.00	2	38.00	2	47.00	5	56.00	5
1936	25.00	12	27.00	11	28.00	7	30.00	6	39.00	7	45.00	7	50.00	8	55.00	8	79.00	16
1937	32.00	21	34.00	18	40.00	21	45.00	22	46.00	14	57.00	17	61.00	17	71.00	19	137.00	49
1938	37.00	26	45.00	30	47.00	26	50.00	26	51.00	19	54.00	15	59.00	14	67.00	16	82.00	17
1939	59.00	56	71.00	60	84.00	63	96.00	66	131.00	72	153.00	70	169.00	72	198.00	73	306.00	77
1940	27.00	15	32.00	15	50.00	31	56.00	30	58.00	25	65.00	24	69.00	21	72.00	20	75.00	13
1941	38.00	27	40.00	27	47.00	27	57.00	31	62.00	29	74.00	31	73.00	26	74.00	21	90.00	25
1942	78.00	71	91.00	71	99.00	69	123.00	75	125.00	67	131.00	63	138.00	63	170.00	69	257.00	70
1943	51.00	48	66.00	56	75.00	56	89.00	57	118.00	65	135.00	65	159.00	69	165.00	67	194.00	67
1944	42.00	33	48.00	33	60.00	40	68.00	40	74.00	36	85.00	36	88.00	31	97.00	32	94.00	28
1945	30.00	19	35.00	19	40.00	22	43.00	18	47.00	15	66.00	26	83.00	30	76.00	26	87.00	23
1946	50.00	46	79.00	66	94.00	68	98.00	67	108.00	62	118.00	60	124.00	57	130.00	54	167.00	60
1947	48.00	43	53.00	42	76.00	57	89.00	58	106.00	60	117.00	58	132.00	60	155.00	62	150.00	54
1948	89.00	75	98.00	75	111.00	76	142.00	76	160.00	76	172.00	75	202.00	76	235.00	76	270.00	74
1949	76.00	70	77.00	63	80.00	60	82.00	52	87.00	45	94.00	42	102.00	44	108.00	45	117.00	38
1950	52.00	49	54.00	43	56.00	35	59.00	33	70.00	34	83.00	34	90.00	34	100.00	35	112.00	34
1951	8.80	1	13.00	3	28.00	8	42.00	16	44.00	13	67.00	27	72.00	24	75.00	22	76.00	14
1952	32.00	22	36.00	24	43.00	23	45.00	23	50.00	18	54.00	16	60.00	15	65.00	15	86.00	21
1953	22.00	10	27.00	12	32.00	11	35.00	9	42.00	11	49.00	10	52.00	9	60.00	10	69.00	11
1954	19.00	7	21.00	6	31.00	9	35.00	10	41.00	10	52.00	13	56.00	11	61.00	13	66.00	9
1955	10.00	2	14.00	4	17.00	2	25.00	2	39.00	8	45.00	8	45.00	6	48.00	6	54.00	4
1956	22.00	8	24.00	7	27.00	4	30.00	7	34.00	4	40.00	3	41.00	5	43.00	2	52.00	3
1957	11.00	3	12.00	1	14.00	1	15.00	1	19.00	1	27.00	1	36.00	1	37.00	1	37.00	1
1958	39.00	29	59.00	51	64.00	47	68.00	41	81.00	40	83.00	35	89.00	32	110.00	46	146.00	53
1959	26.00	13	33.00	16	39.00	19	40.00	14	56.00	23	60.00	20	61.00	16	65.00	14	74.00	12
1960	32.00	23	33.00	17	35.00	14	43.00	17	64.00	32	73.00	30	79.00	28	88.00	28	108.00	32
1961	31.00	20	35.00	20	37.00	16	40.00	15	49.00	16	53.00	14	90.00	35	91.00	29	91.00	26
1962	75.00	68	90.00	70	101.00	70	108.00	69	125.00	68	166.00	74	196.00	75	216.00	75	268.00	73
1963	34.00	25	35.00	21	37.00	17	38.00	11	49.00	17	51.00	11	58.00	12	60.00	11	63.00	7
1964	22.00	9	24.00	8	28.00	5	29.00	4	30.00	2	49.00	9	58.00	13	60.00	12	67.00	10
1965	29.00	16	30.00	13	33.00	13	38.00	12	43.00	12	51.00	12	53.00	10	56.00	9	57.00	6
1966	47.00	42	54.00	44	59.00	38	67.00	38	83.00	42	92.00	41	90.00	36	96.00	30	141.00	52
1967	38.00	28	42.00	28	44.00	24	48.00	24	54.00	20	59.00	19	66.00	19	68.00	17	78.00	15
1968	46.00	39	46.00	32	51.00	32	61.00	51	89.00	47	99.00	46	101.00	43	103.00	38	113.00	35
1969	47.00	40	50.00	37	53.00	33	57.00	32	62.00	30	65.00	25	70.00	22	75.00	23	93.00	27
1970	54.00	51	55.00	45	63.00	44	71.00	45	95.00	51	154.00	71	165.00	70	189.00	72	294.00	76
1971	92.00	77	99.00	76	106.00	73	110.00	70	112.00	63	118.00	59	123.00	56	134.00	55	169.00	61
1972	72.00	66	76.00	61	83.00	62	85.00	55	89.00	48	102.00	47	105.00	46	106.00	40	115.00	36
1973	68.00	63	86.00	68	89.00	64	94.00	63	103.00	59	105.00	48	110.00	47	114.00	48	118.00	39
1974	90.00	76	105.00	78	108.00	74	117.00	72	125.00	69	142.00	67	157.00	68	166.00	68	191.00	66
1975	68.00	64	77.00	64	89.00	65	93.00	61	94.00	50	97.00	44	100.00	42	102.00	36	123.00	41

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
190	175	130	110	117	164	391	839	796	484	459	252
21600	15000	4070	3800	4460	21400	250000	855000	543000	101000	151000	56200
147	122	64	62	67	146	500	924	737	319	389	237
2.1	2.2	1.1	1.6	1.9	2.7	3.6	2.4	2.0	1.2	2.5	4.0
0.77	0.70	0.49	0.56	0.57	0.90	1.3	1.1	0.93	0.66	0.85	0.94
4.6	4.3	3.2	2.7	2.9	4.0	9.5	20	19	12	11	6.1

06714000 SOUTH PLATTE RIVER AT DENVER, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
2.2	2.2	2.1	2.0	2.0	2.1	2.4	2.7	2.7	2.6	2.5	2.3
0.08	0.06	0.04	0.05	0.05	0.08	0.16	0.16	0.14	0.09	0.10	0.10
0.29	0.25	0.21	0.22	0.22	0.29	0.40	0.40	0.37	0.31	0.32	0.32
0.24	0.55	0.03	0.17	0.17	0.73	0.45	0.20	0.02	-0.61	-0.01	0.00
0.13	0.11	0.10	0.11	0.11	0.14	0.17	0.15	0.14	0.12	0.13	0.14
7.8	7.8	7.4	7.1	7.2	7.6	8.6	9.8	9.9	9.3	9.2	8.2

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
343	44500	211	1.6	0.61	0.078

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.5	0.06	0.25	0.06	0.10	0.165

06715500 WEST FORK CLEAR CREEK ABOVE EMPIRE, COLO.

LOCATION.--Lat 39°45'37", long 105°41'54", in SE¼NW¼ sec.29, T.3 S., R.74 W., Clear Creek County, 200 ft (61 m) downstream from Mad Creek and 0.9 mi (1.4 km) west of Empire.

DRAINAGE AREA.--40.5 mi² (105 km²).

REMARKS.--No diversion above station for irrigation. Natural flow of stream affected by transmountain diversions from Colorado River Basin through August P. Gumlick Tunnel (formerly Jones Pass tunnel) and Berthoud Pass ditch.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WEST FORK CLEAR CREEK ABOVE EMPIRE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1943		1	1	34	43	22	21	16	10	24	6	17	4	13	7	10	4	3	9	21	16	7	5	9	5	6	8	12	9	8	7	7			
1944		1	17	67	25	17	20	17	28	24	13	10	1	6	3	5	2	8	7	6	9	4	7	6	7	6	9	6	7	12	8	8			
1945		3	8	44	55	22	26	10	17	17	11	1		1	1	8	11	5	9	9	9	6	4	3	8	13	8	10	11	10	4	10	6	3	2
1946				8	20	29	18	13	23	14	18	24	14	25	11	9	10	6	6	10	4	2	5	6	9	17	23	11	4	5	6	3	5	7	

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1461	100.0	9	9.90	79	825	56.5	18	41.0	31	479	32.8	27	170	39	181	12.3
1	2.80	5	1461	100.0	10	12.00	48	746	51.1	19	47.0	46	448	30.7	28	200	31	142	9.7
2	3.30	26	1456	99.7	11	13.00	52	698	47.8	20	56.0	38	402	27.5	29	230	35	111	7.5
3	3.80	153	1430	97.9	12	16.00	19	646	44.2	21	65.0	19	364	24.9	30	270	25	76	5.2
4	4.50	143	1277	87.4	13	18.00	45	627	42.9	22	76.0	21	345	23.6	31	310	28	51	3.4
5	5.30	90	1134	77.6	14	22.00	22	582	39.8	23	89.0	24	324	22.2	32	370	11	23	1.5
6	6.10	85	1044	71.5	15	25.00	32	560	38.3	24	100.0	29	300	20.5	33	430	10	12	.8
7	7.20	56	959	65.6	16	30.00	27	528	36.1	25	120.0	42	271	18.5	34	500	2	2	.1
8	8.40	78	903	61.8	17	35.00	22	501	34.3	26	140.0	48	229	15.7					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WEST FORK CLEAR CREEK ABOVE EMPIRE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1943	343.0	3	338.0	3	325.0	3	299.0	3	263.0	4	212.0	4	166.0	4	139.0	3	100.0	3
1944	328.0	4	321.0	4	319.0	4	298.0	4	276.0	3	218.0	3	171.0	3	138.0	4	93.0	4
1945	615.0	1	534.0	1	477.0	1	417.0	2	356.0	1	279.0	1	226.0	1	185.0	1	128.0	1
1946	495.0	2	484.0	2	473.0	2	420.0	1	338.0	2	249.0	2	210.0	2	174.0	2	122.0	2

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WEST FORK CLEAR CREEK ABOVE EMPIRE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1944	3.40	3	3.40	2	3.50	1	3.70	1	3.90	1	4.00	1	4.10	1	4.70	1	6.60	2
1945	2.80	1	3.20	1	3.60	2	4.00	2	4.20	2	4.30	2	4.40	2	4.70	2	6.40	1
1946	3.20	2	3.70	3	4.40	3	4.60	3	4.80	3	5.20	3	5.90	3	6.80	3	9.90	3

06716500 CLEAR CREEK NEAR LAWSON, COLO.

LOCATION.--Lat 39°45'57", long 105°37'32", in NW¼NW¼ sec.25, T.3 S., R.74 W., Clear Creek County, on left bank at east edge of Lawson, 30 ft (9 m) downstream from private bridge, and 2.0 mi (3.2 km) downstream from West Fork Clear Creek.

DRAINAGE AREA.--147 mi² (381 km²).

REMARKS.--Natural flow affected by minor transmountain diversion from Colorado River Basin through Berthoud Pass ditch. No diversion above station. Prior to October 1957, natural flow of stream affected by transmountain diversions from Colorado River Basin through August P. Gumlick Tunnel (formerly Jones Pass tunnel). Statistical summaries are shown for two periods, water years 1947-57, and water years 1958-75.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CLEAR CREEK NEAR LAWSON, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1947					26	73	14	19	28	19	21	12	1	3	9	4	9	7	3	5	5	5	24	14	12	4	3	8	4	11	12	10			
1948							51	41	27	12	18	27	43	25	6	13	14	3	4	7	7	8	5	15	5	3	2	13	9	8					
1949			1	25	64	24	20	22	16	16	11	6	18	6	13	3	15	6	3	14	10	8	4	2	7	11	5	5	8	9	6	6	1		
1950				3	45	50	25	18	9	18	21	35	25	13	8	3	8	4	5	8	8	5	6	7	2	7	4	3	7	7	9	2			
1951			7	44	38	25	25	38	13	11	7	9	13	9	4	5	8	7	10	6	3	3	3	6	13	11	4	7	10	4	5	15	1	1	
1952					5	47	54	40	8	10	13	17	12	15	5	8	8	3	7	14	13	14	10	9	8	6	4	4	9	6	4	3	1	8	1
1953					2	58	67	13	13	44	23	20	16	5	3	7	5	8	2	5	5	9	6	4	4	8	9	7	7	5	3	4	3		
1954				10	34	38	43	25	32	48	7	11	13	11	7	5	19	12	5	5	19	15	4	2											
1955		3	10	66	31	18	13	14	17	22	16	2	4	12	11	3	4	6	12	19	23	18	10	7	5	9	7	3							
1956					17	35	45	29	24	32	27	11	24	7	3	2	12	5	4	14	13	9	4	3	3	6	4	7	7	10	8	1			
1957				1	29	46	70	41	13	11	2	1		3	5	14	14	9	7	4	7	8	7	4	4	6	2	9	8	7	14	4	7	7	1

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4018	100.0	9	41.00	243	2216	55.2	18	150.0	62	1051	26.2	27	550	66	339	8.4
1	13.00	3	4018	100.0	10	48.00	166	1973	49.1	19	170.0	101	989	24.6	28	640	69	273	6.7
2	15.00	18	4015	99.9	11	55.00	151	1807	45.0	20	200.0	113	888	22.1	29	740	67	204	5.0
3	17.00	149	3997	99.5	12	64.00	169	1656	41.2	21	230.0	102	775	19.3	30	850	61	137	3.4
4	20.00	291	3848	95.8	13	73.00	109	1487	37.0	22	270.0	83	673	16.7	31	990	45	76	1.8
5	23.00	414	3557	88.5	14	85.00	74	1378	34.3	23	310.0	73	590	14.7	32	1100	13	31	.7
6	27.00	427	3143	78.2	15	98.00	67	1304	32.5	24	360.0	63	517	12.9	33	1300	16	18	.4
7	31.00	300	2716	67.6	16	110.00	116	1237	30.8	25	410.0	71	454	11.3	34	1500	2	2	
8	36.00	200	2416	60.1	17	130.00	70	1121	27.9	26	480.0	44	383	9.5					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CLEAR CREEK NEAR LAWSON, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1947	1060.0	6	1020.0	6	1010.0	6	981.0	4	908.0	4	729.0	4	592.0	3	504.0	2	356.0	2
1948	808.0	9	773.0	9	758.0	9	734.0	9	665.0	9	511.0	9	407.0	9	332.0	9	237.0	9
1949	1100.0	5	1090.0	5	1060.0	5	957.0	6	855.0	5	656.0	5	513.0	5	419.0	5	296.0	5
1950	994.0	8	991.0	7	975.0	7	900.0	7	781.0	8	562.0	8	431.0	8	344.0	8	242.0	8
1951	1300.0	3	1200.0	4	1110.0	3	1080.0	3	963.0	3	741.0	2	597.0	2	483.0	3	335.0	4
1952	1520.0	2	1500.0	2	1460.0	1	1270.0	2	1020.0	2	731.0	3	574.0	4	480.0	4	341.0	3
1953	1260.0	4	1200.0	3	1100.0	4	972.0	5	801.0	6	603.0	6	469.0	6	373.0	6	259.0	7
1954	339.0	11	321.0	11	292.0	11	256.0	11	234.0	11	213.0	11	179.0	11	153.0	11	114.0	11
1955	574.0	10	565.0	10	538.0	10	494.0	10	438.0	10	338.0	10	297.0	10	268.0	10	197.0	10
1956	1010.0	7	957.0	8	937.0	8	885.0	8	787.0	7	582.0	7	456.0	7	371.0	7	260.0	6
1957	1610.0	1	1510.0	1	1450.0	2	1300.0	1	1100.0	1	904.0	1	708.0	1	568.0	1	397.0	1

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CLEAR CREEK NEAR LAWSON, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1947	20.00	10	20.00	8	21.00	9	21.00	7	22.00	6	24.00	8	24.00	6	27.00	7	33.00	6
1948	24.00	11	24.00	11	25.00	11	26.00	11	29.00	11	30.00	11	33.00	11	35.00	11	46.00	11
1949	16.00	3	17.00	4	17.00	3	18.00	3	19.00	3	20.00	3	21.00	3	23.00	3	30.00	4
1950	19.00	7	19.00	5	20.00	6	22.00	9	22.00	7	23.00	6	23.00	4	25.00	4	34.00	7
1951	16.00	4	16.00	2	16.00	2	17.00	2	17.00	1	18.00	2	19.00	2	22.00	2	27.00	1
1952	19.00	8	20.00	9	21.00	7	21.00	8	23.00	8	25.00	9	26.00	8	27.00	8	35.00	10
1953	20.00	9	22.00	10	23.00	10	24.00	10	26.00	10	26.00	10	26.00	9	27.00	9	34.00	8
1954	18.00	5	19.00	6	19.00	4	20.00	4	21.00	4	22.00	4	24.00	5	25.00	5	30.00	5
1955	13.00	1	14.00	1	15.00	1	16.00	1	17.00	2	17.00	1	18.00	1	20.00	1	27.00	2
1956	16.00	2	17.00	3	19.00	5	21.00	5	23.00	9	24.00	7	26.00	10	28.00	10	35.00	9
1957	19.00	6	20.00	7	21.00	8	21.00	6	21.00	5	23.00	5	25.00	7	26.00	6	28.00	3

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
52	40	31	26	24	23	38	217	688	453	180	81
122	67	23	26	16	11	41	6210	45000	61200	5230	650
11	8.2	4.8	5.1	4.0	3.3	6.4	79	212	247	72	25
0.32	1.6	1.4	0.57	-0.07	0.73	1.4	0.77	-1.1	0.75	0.39	0.43
0.21	0.20	0.15	0.20	0.17	0.15	0.17	0.36	0.31	0.55	0.40	0.32
2.8	2.2	1.7	1.4	1.3	1.2	2.0	12	37	24	9.7	4.4

06716500 CLEAR CREEK NEAR LAWSON, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.7	1.6	1.5	1.4	1.4	1.4	1.6	2.3	2.8	2.6	2.2	1.9
0.01	0.01	0.00	0.01	0.01	0.00	0.00	0.02	0.03	0.06	0.04	0.02
0.09	0.08	0.06	0.09	0.08	0.06	0.07	0.15	0.18	0.25	0.19	0.14
-0.10	1.0	0.95	-0.02	-0.46	0.29	1.2	0.28	-2.0	-0.36	-0.45	-0.01
0.05	0.05	0.04	0.06	0.06	0.05	0.04	0.07	0.06	0.10	0.08	0.07
7.7	7.2	6.7	6.3	6.1	6.1	7.0	10	13	12	10.0	8.5

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
155	1610	40	-0.59	0.26	0.241

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.2	0.02	0.13	-1.4	0.06	0.259

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CLEAR CREEK NEAR LAWSON, CO.

NUMBER OF DAYS IN CLASS

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR																																			
1958				1	64	29	10	39	19	26	26	16	31	16	5	5	5	6	6	3	6	6	5	3	5	7	2	5	2	7	8	2			
1959			1	19	36	64	59	22	12	11	19	8	7	3	9	2	4	10	17	9	5	5	8	6	3	3	2	7	5	6	3				
1960			7	32	22	32	20	13	26	18	49	28	12	7	7	2	4	2	5	7	14	8	4	8	2	6	7	13	6	4	1				
1961			2	48	63	40	22	16	20	3	3	1	3	1	6	3	10	11	18	20	21	6	5	5	12	7	10	9							
1962					2	7	72	20	31	31	12	11	11	12	16	6	15	18	11	8	10	15	8	7	9	5	7	5	15	1					
1963		4	12	48	32	16	37	25	25	15	2		7	18	34	10	13	8	21	20	8	8	2												
1964				9	58	71	33	5	10	34	24	10	9	4	6	3	5	4	14	7	8	5	10	15	18	4									
1965			1	14	16	66	78	24	5	4	3	1	3	3	10	9	10	5	5	8	6	10	13	7	4	3	7	11	9	12	7	3	3	3	2
1966						3	66	40	63	32	13	11	21	9	16	8	11	16	15	5	19	17													
1967				15	65	41	23	49	25	2	5	12	16	15	6	6	8	6	4	3	7	5	13	9	6	11	8	5							
1968					13	67	55	23	13	25	19	18	10	12	9	9	7	4	9	7	13	6	5	9	5	5	11	7	5						
1969					8	47	47	27	30	23	14	20	2	16	13	2	15	11	5	7	10	4	8	3	7	5	9	16	12	3	1				
1970						1	31	67	27	28	18	23	9	14	17	8	16	9	10	2	5	9	6	5	2	11	11	17	8	3	6	2			
1971						1	11	69	39	28	13	6	10	17	39	9	18	15	15	4	5	3	6	6	6	14	7	7	2	3	5	7			
1972						3	48	69	26	35	8	21	19	22	23	11	11	8	7	6	5	3	6	5	6	5	4	6	3	6					
1973					2	70	59	23	12	13	25	25	4	8	14	7	6	6	5	5	12	12	8	5	1	13	10	6	2	9	1	2			
1974						4	83	57	20	22	16	11	13	19	9	5	6	4	6	6	5	14	13	13	6	8	8	3	4	5	5				
1975						10	77	45	21	21	14	29	11	8	16	7	8	3	12	10	12	2	7	6	5	5	11	7	10	8					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	6574	100.0	9	46.00	371	3520	53.5	18	160.0	185	1528	23.2	27	570	124	335	5.0
1	15.00	4	6574	100.0	10	53.00	283	3149	47.9	19	190.0	137	1343	20.4	28	660	83	211	3.2
2	17.00	23	6570	99.9	11	61.00	251	2866	43.6	20	210.0	171	1206	18.3	29	750	67	128	1.9
3	20.00	186	6547	99.6	12	70.00	198	2615	39.8	21	250.0	138	1035	15.7	30	870	37	61	.9
4	23.00	381	6361	96.8	13	80.00	204	2417	36.8	22	280.0	127	897	13.6	31	1000	16	24	.3
5	26.00	572	5980	91.0	14	93.00	255	2213	33.7	23	330.0	112	770	11.7	32	1100	3	8	.1
6	30.00	831	5408	82.3	15	110.00	112	1958	29.8	24	380.0	97	658	10.0	33	1300	3	5	
7	35.00	633	4577	69.6	16	120.00	172	1846	28.1	25	430.0	112	561	8.5	34	1500	2	2	
8	40.00	424	3944	60.0	17	140.00	146	1674	25.5	26	500.0	114	449	6.8					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CLEAR CREEK NEAR LAWSON, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1958	1020.0	4	1010.0	3	972.0	3	922.0	3	761.0	3	537.0	6	402.0	9	320.0	9	225.0	11
1959	911.0	6	885.0	7	871.0	6	790.0	6	653.0	8	458.0	11	362.0	11	293.0	12	208.0	12
1960	884.0	8	861.0	8	801.0	8	708.0	10	651.0	9	500.0	9	399.0	10	320.0	10	228.0	9
1961	626.0	14	606.0	14	584.0	14	581.0	14	517.0	14	416.0	13	343.0	13	298.0	11	225.0	10
1962	758.0	12	741.0	12	728.0	12	715.0	8	638.0	10	485.0	10	409.0	8	344.0	8	246.0	8
1963	324.0	17	305.0	17	288.0	17	265.0	17	233.0	18	208.0	18	173.0	18	158.0	18	127.0	17
1964	472.0	16	457.0	16	431.0	16	408.0	16	400.0	16	338.0	16	284.0	16	232.0	16	164.0	16
1965	1660.0	1	1550.0	1	1420.0	1	1180.0	1	976.0	1	808.0	1	644.0	1	533.0	1	374.0	1
1966	277.0	18	275.0	18	273.0	18	263.0	18	256.0	17	218.0	17	191.0	17	165.0	17	123.0	18
1967	608.0	15	599.0	15	580.0	15	545.0	15	473.0	15	396.0	15	316.0	15	259.0	15	186.0	15
1968	725.0	13	712.0	13	678.0	13	619.0	13	557.0	13	427.0	12	345.0	12	285.0	13	204.0	13
1969	871.0	9	829.0	9	745.0	11	715.0	9	669.0	7	564.0	4	451.0	4	372.0	4	266.0	4
1970	1000.0	5	993.0	4	968.0	4	865.0	4	734.0	4	632.0	2	511.0	2	419.0	2	300.0	2
1971	1090.0	2	1080.0	2	1060.0	2	972.0	2	782.0	2	600.0	3	469.0	3	386.0	3	285.0	3
1972	845.0	10	802.0	10	777.0	10	694.0	12	574.0	12	414.0	14	318.0	14	265.0	14	194.0	14
1973	1050.0	3	987.0	5	852.0	7	705.0	11	688.0	5	537.0	7	434.0	5	356.0	5	252.0	6
1974	910.0	7	900.0	6	879.0	5	796.0	5	627.0	11	509.0	8	423.0	7	349.0	7	250.0	7
1975	820.0	11	801.0	11	789.0	9	755.0	7	681.0	6	543.0	5	431.0	6	354.0	6	254.0	5

06716500 CLEAR CREEK NEAR LAWSON, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CLEAR CREEK NEAR LAWSON, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1959	19.00	5	21.00	6	21.00	5	21.00	5	23.00	5	24.00	5	25.00	6	26.00	4	29.00	4
1960	18.00	2	18.00	2	18.00	2	19.00	2	20.00	2	22.00	2	24.00	4	26.00	5	36.00	8
1961	19.00	3	20.00	3	20.00	3	21.00	3	21.00	3	22.00	3	23.00	2	23.00	1	27.00	1
1962	24.00	11	24.00	10	25.00	10	26.00	11	29.00	11	32.00	12	33.00	12	35.00	14	57.00	17
1963	15.00	1	15.00	1	16.00	1	18.00	1	19.00	1	21.00	1	22.00	1	23.00	2	28.00	2
1964	22.00	8	23.00	8	23.00	7	24.00	7	24.00	6	25.00	6	25.00	5	26.00	6	34.00	6
1965	19.00	4	20.00	4	20.00	4	21.00	4	24.00	7	27.00	7	28.00	7	28.00	7	30.00	5
1966	21.00	6	21.00	5	23.00	8	24.00	8	32.00	13	34.00	13	35.00	14	36.00	15	45.00	14
1967	21.00	7	22.00	7	22.00	6	23.00	6	23.00	4	23.00	4	24.00	3	25.00	3	29.00	3
1968	23.00	9	24.00	9	24.00	9	25.00	9	26.00	8	28.00	8	28.00	8	29.00	8	36.00	7
1969	25.00	12	25.00	11	26.00	11	26.00	10	27.00	9	30.00	10	31.00	10	34.00	12	39.00	10
1970	25.00	13	26.00	12	27.00	12	28.00	13	34.00	16	36.00	16	37.00	16	39.00	16	48.00	15
1971	29.00	17	31.00	17	32.00	17	35.00	17	36.00	17	36.00	17	38.00	17	39.00	17	49.00	16
1972	28.00	16	29.00	16	30.00	16	31.00	16	33.00	14	34.00	14	35.00	15	35.00	13	43.00	13
1973	24.00	10	26.00	13	27.00	13	27.00	12	28.00	10	28.00	9	29.00	9	30.00	9	38.00	9
1974	26.00	14	27.00	14	29.00	14	30.00	14	33.00	15	34.00	15	34.00	13	34.00	10	40.00	11
1975	26.00	15	27.00	15	29.00	15	30.00	15	31.00	12	31.00	11	32.00	11	34.00	11	41.00	12

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
62	43	34	30	29	29	43	191	550	349	150	87
516	81	41	35	28	22	253	7210	22400	23900	4800	1330
23	9.0	6.4	5.9	5.3	4.7	16	85	150	155	69	37
1.6	0.18	0.28	0.24	-0.20	0.43	2.0	1.6	-0.80	0.77	2.6	1.5
0.36	0.21	0.19	0.20	0.18	0.16	0.37	0.44	0.27	0.44	0.46	0.42
3.9	2.7	2.1	1.9	1.8	1.8	2.7	12	34	22	9.4	5.5

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.8	1.6	1.5	1.5	1.5	1.5	1.6	2.2	2.7	2.5	2.1	1.9
0.02	0.01	0.01	0.01	0.01	0.00	0.02	0.03	0.02	0.04	0.03	0.03
0.14	0.09	0.08	0.09	0.08	0.07	0.13	0.17	0.14	0.20	0.16	0.17
0.42	-0.21	0.01	-0.09	-0.36	0.28	1.3	0.70	-1.5	-0.31	1.1	0.46
0.08	0.06	0.05	0.06	0.06	0.05	0.08	0.08	0.05	0.08	0.07	0.09
7.9	7.2	6.8	6.6	6.5	6.5	7.2	10	12	11	9.6	8.5

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
133	989	31	0.19	0.24	-0.106

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.1	0.01	0.11	-0.47	0.05	-0.061

06717000 FALL RIVER NEAR IDAHO SPRINGS, COLO.

LOCATION.--Lat 39°45'22", long 105°33'21", in sec.28 (projected), T.3 S., R.73 W., Clear Creek County, 400 ft (123 m) upstream from mouth and 1.5 mi (2.4 km) west of Idaho Springs.

DRAINAGE AREA.--23.5 mi^2 (60.9 km^2).

REMARKS.--Flow regulated by storage for irrigation. No diversion above station for irrigation.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FALL RIVER NEAR IDAHO SPRINGS, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1931					60		33	8		47	28	18	7	20	36	8	2	4	5	4	11	11	16	15	8	4	2	4	2	3	2	2	5		
1932							134	13		46	18	14	9	9	8	7	3	7	7	4	5	4	20	14	9	8	12	13	2						
1933		90			6	31	22	22		9	31	2	10	8	7	7	11	5	10	11	9	7	7	4	1	14	5	6	10	10	7	2	1		
1934		60			72		36	5		54	20	10	9	15	5	5		1			1	4	14	12	6	4	14	13	4	1					
1935		1			72		57	27		46	3	10	5	13	7	3	2	4	8	3	4	10	7	6	9	15	9	2	7	9	11	7	6	2	
1936					29	36	36	36		13	8	16	13	5	11	4	6	2	9	15	13	14	19	19	7	4	8	8	19	11	4	1			
1937		28			31		31	31		14	31	5	17	2	18	30	12	5	8	7	8	38	17	10	8	11		1	1		1				
1938					1		3	45	4	35		42	11	9	41	12	4	4	12	1	13	10	26	23	11	10	6		4	4	10	7	5	9	3

06717000 FALL RIVER NEAR IDAHO SPRINGS, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FALL RIVER NEAR IDAHO SPRINGS, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2922	100.0	9	5.80	264	1862	63.7	18	19.0	59	899	30.8	27	64	47	219	7.4
1	2.00	179	2922	100.0	10	6.60	139	1598	54.7	19	22.0	45	840	28.7	28	73	49	172	5.8
2	2.30	0	2743	93.9	11	7.60	117	1459	49.9	20	25.0	64	795	27.2	29	84	38	123	4.2
3	2.60	0	2743	93.9	12	8.70	81	1342	45.9	21	29.0	98	731	25.0	30	96	35	85	2.9
4	3.00	271	2743	93.9	13	9.90	81	1261	43.2	22	33.0	126	633	21.7	31	110	19	50	1.7
5	3.40	67	2472	84.6	14	11.00	133	1180	40.4	23	38.0	103	507	17.4	32	120	17	31	1.0
6	3.90	352	2405	82.3	15	13.00	76	1047	35.8	24	43.0	59	404	13.8	33	140	11	14	.4
7	4.50	187	2053	70.3	16	15.00	40	971	33.2	25	49.0	70	345	11.8	34	160	3	3	.1
8	5.10	4	1866	63.9	17	17.00	32	931	31.9	26	56.0	56	275	9.4					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FALL RIVER NEAR IDAHO SPRINGS, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1931	136.0	3	127.0	3	109.0	3	99.0	3	72.0	5	54.0	6	45.0	5	40.0	5	29.0	5
1932	74.0	8	70.0	8	67.0	7	65.0	7	60.0	7	52.0	7	43.0	6	38.0	6	28.0	6
1933	121.0	4	110.0	4	106.0	4	95.0	4	90.0	3	73.0	4	57.0	4	48.0	4	35.0	4
1934	89.0	7	78.0	7	71.0	6	70.0	6	65.0	6	54.0	5	43.0	7	35.0	7	25.0	7
1935	151.0	2	142.0	2	134.0	2	122.0	2	111.0	2	89.0	2	72.0	2	61.0	2	43.0	2
1936	110.0	5	104.0	5	98.0	5	92.0	5	85.0	4	74.0	3	61.0	3	55.0	3	42.0	3
1937	99.0	6	82.0	6	66.0	8	58.0	8	49.0	8	41.0	8	37.0	8	33.0	8	25.0	8
1938	165.0	1	155.0	1	150.0	1	136.0	1	123.0	1	97.0	1	78.0	1	68.0	1	51.0	1

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FALL RIVER NEAR IDAHO SPRINGS, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1931	3.00	5	3.00	6	3.00	4	3.00	4	3.00	4	3.00	4	3.30	4	4.00	6	5.70	6
1932	3.00	6	4.00	7	4.00	7	4.00	7	4.00	7	4.00	7	4.00	7	4.00	7	4.80	4
1933	2.00	1	2.00	1	2.00	1	2.00	1	2.00	1	2.00	1	2.00	1	2.40	1	3.20	1
1934	2.00	2	2.00	2	2.00	2	2.00	2	2.00	2	2.00	2	2.30	2	2.50	2	3.20	2
1935	2.00	3	2.70	4	3.00	5	3.00	5	3.00	5	3.00	5	3.30	5	3.60	4	4.30	3
1936	3.00	7	3.00	5	3.00	6	3.00	6	3.00	6	3.40	6	3.60	6	3.80	5	5.10	5
1937	2.00	4	2.00	3	2.00	3	2.00	3	2.10	3	2.60	3	3.00	3	3.50	3	5.90	7
1938	4.50	8	4.50	8	4.50	8	4.50	8	4.50	8	4.80	8	5.40	8	6.10	8	7.90	8

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
8.2	6.1	4.4	3.6	3.3	4.1	8.6	49	74	37	26	13
12	7.0	3.7	1.7	2.1	0.68	10	232	791	112	83	52
3.5	2.7	1.9	1.3	1.4	0.82	3.2	15	28	11	9.1	7.2
0.43	0.64	0.78	0.41	0.93	0.86	1.5	0.08	0.68	-0.01	-0.76	1.4
0.43	0.43	0.43	0.36	0.43	0.20	0.37	0.31	0.38	0.29	0.35	0.54
3.5	2.6	1.9	1.5	1.4	1.7	3.6	21	31	15	11	5.6

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.88	0.75	0.61	0.53	0.49	0.61	0.91	1.7	1.8	1.5	1.4	1.1
0.04	0.04	0.04	0.03	0.03	0.01	0.02	0.02	0.03	0.02	0.04	0.05
0.19	0.20	0.19	0.16	0.18	0.08	0.14	0.14	0.16	0.14	0.20	0.22
0.03	-0.27	-0.12	-0.39	0.38	0.39	1.2	-0.14	0.22	-0.65	-1.9	0.44
0.22	0.26	0.31	0.31	0.37	0.14	0.16	0.08	0.09	0.09	0.14	0.20
7.1	6.1	5.0	4.3	4.0	5.0	7.4	14	15	13	11	8.7

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
20	28	5.3	0.91	0.27	-0.335

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.3	0.01	0.11	0.56	0.09	-0.368

06718000 CLEAR CREEK BELOW IDAHO SPRINGS, COLO.

LOCATION.--Lat 39°44'32", long 105°29'51", in SW¼SW¼ sec.31, T.3 S., R.72 W., Clear Creek County, on left bank 20 ft (6 m) downstream from bridge on county road at east edge of Idaho Springs and 0.8 mi (1.3 km) downstream from Soda Creek.

DRAINAGE AREA.--259 mi² (671 km²).

REMARKS.--Natural flow of stream affected by transmountain diversions from Colorado River Basin.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CLEAR CREEK BELOW IDAHO SPRINGS, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1952		38	13	26	25	37	15	13	6	15	6	17	9	3	7	8	9	9	9	8	5	10	14	14	7	4	4	4	10	4	6	3	7	1	
1953		1	1	32	78	36	7	27	23	20	19	12	8	3	6	4	8	5	4	6	8	6	3	5	3	10	7	8	5	2	6	2			
1954		3	13	16	31	55	23	22	43	26	7	15	16	10	4	20	8	9	11	12	8	9	1	3											
1955		1	25	58	27	19	12	18	20	21	8	4	5	13	6	7	4	12	13	18	19	18	7	7	10	8	4	1							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1461	100.0	9	65.00	76	726	49.7	18	220.0	38	348	23.8	27	730	12	70	4.7
1	22.00	4	1461	100.0	10	74.00	50	650	44.5	19	250.0	43	310	21.2	28	830	12	58	3.9
2	25.00	77	1457	99.7	11	84.00	44	600	41.1	20	280.0	41	267	18.3	29	950	15	46	3.1
3	29.00	88	1380	94.5	12	97.00	50	556	38.1	21	320.0	40	226	15.5	30	1100	6	31	2.1
4	33.00	116	1292	88.4	13	110.00	40	506	34.6	22	370.0	24	186	12.7	31	1200	12	25	1.7
5	38.00	177	1176	80.5	14	130.00	16	466	31.9	23	420.0	27	162	11.1	32	1400	5	13	.8
6	43.00	108	999	68.4	15	140.00	40	450	30.8	24	480.0	29	135	9.2	33	1600	7	8	.5
7	49.00	62	891	61.0	16	170.00	24	410	28.1	25	550.0	18	106	7.3	34	1900	1	1	
8	56.00	103	829	56.7	17	190.00	38	386	26.4	26	630.0	18	88	6.0					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CLEAR CREEK BELOW IDAHO SPRINGS, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1952	1970.0	1	1880.0	1	1790.0	1	1590.0	1	1340.0	1	983.0	1	808.0	1	673.0	1	483.0	1
1953	1530.0	2	1460.0	2	1360.0	2	1220.0	2	1020.0	2	770.0	2	602.0	2	483.0	2	338.0	2
1954	464.0	4	441.0	4	386.0	4	329.0	4	291.0	4	266.0	4	227.0	4	195.0	4	149.0	4
1955	746.0	3	720.0	3	672.0	3	612.0	3	539.0	3	414.0	3	381.0	3	346.0	3	258.0	3

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CLEAR CREEK BELOW IDAHO SPRINGS, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1953	28.00	3	32.00	3	35.00	3	36.00	3	38.00	3	39.00	3	39.00	3	40.00	3	49.00	3
1954	22.00	1	26.00	2	28.00	2	28.00	2	30.00	2	33.00	2	35.00	2	37.00	2	45.00	2
1955	23.00	2	25.00	1	26.00	1	27.00	1	28.00	1	29.00	1	30.00	1	33.00	1	43.00	1

06718500 NORTH CLEAR CREEK NEAR BLACKHAWK, COLO.

LOCATION.--Lat 39°45'49", long 105°25'35", in NE¼ sec.27, T.3 S., R.72 W., Gilpin County, on left bank 2.3 mi (3.7 km) upstream from mouth and 4.2 mi (6.8 km) southeast of Blackhawk.

DRAINAGE AREA.--52.2 mi² (135 km²).

REMARKS.--Small diversions above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH CLEAR CREEK NEAR BLACK HAWK, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1952										13	19	48	50	32	22	20	29	19	8	5	8	2	6	3	10	9	7	7	5	2	14	8	9	10	1
1953												61	89	34	40	13	17	8	5	13	8	9	20	3	7	2	4	4	3	13	9	3			
1954									10	22	29	87	89	19	27	9	13	21	18	13	7	1													
1955		1	14	11	15	9	5	7	65	30	21			2	14	10	21	17	15	25	20	12	20	22	9										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1461	100.0	9	1.30	78	1289	88.2	18	7.8	56	333	22.8	27	49	8	77	5.2
1	0.20	1	1461	100.0	10	1.50	217	1211	82.9	19	9.6	43	277	19.0	28	60	15	69	4.7
2	0.30	14	1460	99.9	11	1.90	228	994	68.0	20	12.0	24	234	16.0	29	73	23	54	3.6
3	0.40	11	1446	99.0	12	2.30	87	766	52.4	21	14.0	46	210	14.4	30	90	11	31	2.1
4	0.50	15	1435	98.2	13	2.80	103	679	46.5	22	18.0	28	164	11.2	31	110	9	20	1.3
5	0.60	9	1420	97.2	14	3.50	52	576	39.4	23	22.0	26	136	9.3	32	140	10	11	.7
6	0.70	5	1411	96.6	15	4.20	80	524	35.9	24	27.0	11	110	7.5	33	170	1	1	
7	0.80	17	1406	96.2	16	5.20	65	444	30.4	25	33.0	11	99	6.8	34				
8	1.00	100	1389	95.1	17	6.40	46	379	25.9	26	40.0	11	88	6.0					

06718500 NORTH CLEAR CREEK NEAR BLACKHAWK, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH CLEAR CREEK NEAR BLACK HAWK, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1952	174.0	1	167.0	1	158.0	1	150.0	1	120.0	1	94.0	1	71.0	1	55.0	1	37.0	1
1953	100.0	2	98.0	2	88.0	2	81.0	2	72.0	2	47.0	2	35.0	2	28.0	2	20.0	2
1954	13.0	4	11.0	4	10.0	4	9.8	4	8.9	4	7.4	4	6.2	4	5.4	4	4.2	4
1955	24.0	3	24.0	3	23.0	3	22.0	3	21.0	3	17.0	3	14.0	3	13.0	3	10.0	3

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH CLEAR CREEK NEAR BLACK HAWK, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1953	1.50	3	1.60	3	1.70	3	1.80	3	1.90	3	1.90	3	2.00	3	2.00	3	2.10	3
1954	1.10	2	1.20	2	1.40	2	1.40	2	1.50	2	1.70	2	1.70	2	1.80	2	1.80	2
1955	0.21	1	0.27	1	0.30	1	0.34	1	0.41	1	0.49	1	0.71	1	0.87	1	0.97	1

06719000 CLEAR CREEK AT FORKS CREEK, COLO.

LOCATION.--Lat 39°44'44", long 105°23'50", in NE¼SE¼ sec.36, T.3 S., R.72 W., Jefferson County, at Forks Creek, 200 ft (61 m) downstream from North Clear Creek, and 9 mi (14 km) west of Golden.

DRAINAGE AREA.--339 mi² (878 km²).

REMARKS.--Natural flow is partially regulated by storage in various ponds and reservoirs above station. No court decrees for diversions above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CLEAR CREEK AT FORKS CREEK, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1900					31	65		10	13	32	7	16	18	6	9	29	19	4	4	13	6	7	8	3	6	5	8	8	15	11	12				
1901							59		60	61	2	6	3		43	3	7	10	16	7	7	10	10	3	8	16	24	8	2						
1902		4		4		37	65	41	4	32	9	40	20	1	14	6	9	4	8	9	10	23	9	13	2	1									
1903					94	44	3	9	9	5	5	12	4	28	19	14	8	6	14	9	13	7	6	8	7	18	5		3	9	5	1			
1904						29	62	31				32	6	15	20	6	6	7	3	17	16	14	16	14	11	11	6	12	10	7	6	7	2		
1905							59	31	31	1	1	34		11	21	23	8	10	26	25	17	4	3	4	11	6	6	4	6	5	3	5	4	3	3
1906						90	61		3	10	13	10	10	4	4	4	6	19	13	16	8	7	12	4	5	11	10	17	14	7	1	2	4		
1907					9	61	35	1		4	19	16	2	6	21	24	18	23	8	13	9	14	5	10	8	14	7	10	6	9	12		1		
1908			2	2	6	17	19	42	64	6	8	17	8	12	27	24	15	23	7	24	11	6	11	9	3	3									
1909							93	4	27	15	26	30	7			5	1	1	4	4	9	11	14	17	34	19	6	3	3	23	8	1		
1910		2	1	2	7	5	32	33	34	16	22	10	14	16	10	23	12	15	13	16	22	10	10	16	12	4	7	1							
1911		4	31	49	21	7	1	6	30	19	15	30	17		11	5	8	11	9	8	9	6	16	7	6	8	7	13	8	3					
1912				2	60	38	16	12	18	18	34	25	6	1		8	6	7	5	8	2	4	6	1	6		7	27	12	10	18	5	4		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4748	100.0	9	56.00	219	3006	63.3	18	200.0	130	1497	31.5	27	720	103	373	7.8
1	18.00	10	4748	100.0	10	65.00	161	2787	58.7	19	230.0	169	1367	28.8	28	830	79	270	5.6
2	21.00	34	4738	99.8	11	74.00	278	2626	55.3	20	270.0	139	1198	25.2	29	960	84	191	4.0
3	24.00	59	4704	99.1	12	86.00	115	2348	49.5	21	310.0	123	1059	22.3	30	1100	65	107	2.2
4	28.00	228	4645	97.8	13	99.00	100	2233	47.0	22	350.0	126	936	19.7	31	1300	21	42	.8
5	32.00	393	4417	93.0	14	110.00	199	2133	44.9	23	410.0	109	810	17.1	32	1500	15	21	.4
6	37.00	505	4024	84.8	15	130.00	174	1934	40.7	24	470.0	119	701	14.8	33	1700	3	6	.1
7	42.00	220	3519	74.1	16	150.00	123	1760	37.1	25	540.0	116	582	12.3	34	1900	3	3	
8	49.00	293	3299	69.5	17	170.00	140	1637	34.5	26	630.0	93	466	9.8					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CLEAR CREEK AT FORKS CREEK, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1900	1260.0	8	1240.0	7	1140.0	8	1130.0	6	1040.0	6	901.0	4	725.0	5	595.0	6	419.0	7
1901	860.0	10	832.0	10	752.0	10	710.0	10	672.0	10	635.0	10	532.0	9	452.0	9	339.0	8
1902	566.0	13	523.0	13	481.0	13	454.0	13	407.0	13	364.0	12	307.0	12	256.0	13	192.0	13
1903	1440.0	6	1300.0	5	1210.0	5	1090.0	8	882.0	8	690.0	8	556.0	8	465.0	8	337.0	9
1904	1640.0	2	1560.0	3	1500.0	3	1350.0	2	1120.0	3	924.0	3	759.0	2	663.0	3	505.0	3
1905	1990.0	1	1940.0	1	1880.0	1	1670.0	1	1330.0	1	947.0	2	732.0	4	602.0	4	436.0	5
1906	1610.0	3	1560.0	4	1460.0	4	1190.0	4	1010.0	7	866.0	6	718.0	6	599.0	5	450.0	4
1907	1520.0	5	1210.0	8	1190.0	6	1170.0	5	1070.0	4	843.0	7	707.0	7	586.0	7	428.0	6
1908	600.0	12	537.0	12	525.0	12	459.0	12	414.0	12	335.0	13	286.0	13	262.0	12	207.0	12
1909	1320.0	7	1270.0	6	1180.0	7	1110.0	7	1070.0	5	872.0	5	739.0	3	669.0	2	511.0	2
1910	748.0	11	708.0	11	683.0	11	599.0	11	529.0	11	419.0	11	374.0	11	324.0	11	252.0	11
1911	1010.0	9	975.0	9	903.0	9	787.0	9	732.0	9	638.0	9	529.0	10	443.0	10	322.0	10
1912	1590.0	4	1580.0	2	1510.0	2	1270.0	3	1150.0	2	1070.0	1	938.0	1	770.0	1	535.0	1

06719000 CLEAR CREEK AT FORKS CREEK, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CLEAR CREEK AT FORKS CREEK, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1900	30.00	8	30.00	7	30.00	7	30.00	6	30.00	3	32.00	4	33.00	4	38.00	5	63.00	10
1901	40.00	12	40.00	12	40.00	12	40.00	12	40.00	12	40.00	12	43.00	12	48.00	13	50.00	6
1902	20.00	3	20.00	2	26.00	3	27.00	2	34.00	6	38.00	7	38.00	7	38.00	6	45.00	4
1903	30.00	9	30.00	8	30.00	4	30.00	3	30.00	4	30.00	3	30.00	2	31.00	2	48.00	5
1904	30.00	10	31.00	10	33.00	9	35.00	8	35.00	7	38.00	8	38.00	8	40.00	7	57.00	9
1905	40.00	13	40.00	13	40.00	13	40.00	13	40.00	13	40.00	9	42.00	11	44.00	10	80.00	11
1906	35.00	11	35.00	11	35.00	10	35.00	9	35.00	8	35.00	6	35.00	5	36.00	4	44.00	2
1907	29.00	7	30.00	9	30.00	5	32.00	7	33.00	5	34.00	5	36.00	6	40.00	8	87.00	13
1908	23.00	4	28.00	4	31.00	8	36.00	10	39.00	10	45.00	13	45.00	13	46.00	12	55.00	8
1909	23.00	5	28.00	5	35.00	11	40.00	11	40.00	11	40.00	10	40.00	9	44.00	9	54.00	7
1910	18.00	1	20.00	3	25.00	2	30.00	4	38.00	9	40.00	11	42.00	10	45.00	11	81.00	12
1911	18.00	2	18.00	1	23.00	1	23.00	1	23.00	1	24.00	1	24.00	1	28.00	1	40.00	1
1912	27.00	6	29.00	6	30.00	6	30.00	5	30.00	2	30.00	2	32.00	3	34.00	3	45.00	3

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
119	64	44	37	37	41	103	397	835	515	258	167
3920	389	87	57	44	49	1200	23000	79600	53200	14600	11200
63	20	9.3	7.5	6.7	7.0	35	152	282	231	121	106
1.1	0.53	0.22	-0.18	0.30	1.0	0.68	1.4	-0.23	0.32	1.00	1.7
0.53	0.31	0.21	0.20	0.18	0.17	0.34	0.38	0.34	0.45	0.47	0.63
4.5	2.5	1.7	1.4	1.4	1.6	3.9	15	32	20	9.9	6.4

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.0	1.8	1.6	1.6	1.6	1.6	2.0	2.6	2.9	2.7	2.4	2.2
0.04	0.02	0.01	0.01	0.01	0.01	0.02	0.02	0.03	0.05	0.04	0.06
0.21	0.13	0.09	0.09	0.08	0.07	0.15	0.16	0.17	0.22	0.20	0.24
0.71	-0.04	-0.14	-0.64	-0.26	0.48	0.01	0.21	-0.74	-0.49	-0.06	0.47
0.10	0.08	0.06	0.06	0.05	0.04	0.07	0.06	0.06	0.08	0.08	0.11
8.2	7.2	6.6	6.3	6.3	6.5	8.0	10	12	11	9.5	8.7

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
219	3370	58	-0.43	0.27	-0.153

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.3	0.02	0.13	-0.80	0.06	-0.141

06719500 CLEAR CREEK NEAR GOLDEN, COLO.

LOCATION.--Lat 39°45'02", long 105°14'54", in NE¼ sec.32, T.3 S., R.70 W., Jefferson County, on left bank 0.2 mi (0.3 km) upstream from headgate of Church ditch, 0.7 mi (1.1 km) downstream from headgate of Welch ditch, 1.0 mi (1.6 km) west of Golden, and 12.5 mi (20.1 km) downstream from North Clear Creek.

DRAINAGE AREA.--399 mi² (1,033 km²).

REMARKS.--Natural flow of stream affected by minor transmountain diversion from Colorado River Basin through Berthoud Pass ditch and several small reservoirs above station. Diversion 0.7 mi (1.1 km) above station by Welch ditch for irrigation of about 1,000 acres (4.05 km²) below station. Natural flow of stream affected by diversions through August P. Gumlick Tunnel (formerly Jones Pass tunnel) during water years 1940-57. Statistical summaries are shown for two periods, water years 1912-39, 1956-74, and water years 1940-57.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CLEAR CREEK NEAR GOLDEN, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1912								60		66	2	53	32	1	3	7	13	18	5	8	3	5	9	2	9	4	9	17	13	15	5	4	2	1	
1913										1120	17	11	10	8	23	17	3	18	27	15	18	14	18	17	13	12	3								
1914											28	33	63	8	14	38	23	13	3	16	20	7	6	9	13	15	12	8	6	11	13	3	3		
1915										148	2	2	10	16	28	25	12	11	15	11	6	7	16	12	8	9	7	10	9	1					
1916										81	37	18	18	15	16	22	17	11	9	14	13	23	24	17	12	13	6								
1917									4	39	87	18	10	25	24	31	15	3	9	9	6	5	10	16	8	11	4	11	5	15					
1918										31	59	61	36	13	8	12	24	16	3	10	8	8	5	3	12	12	18	1	6	4	14	1			
1919											99	39	16	23	26	16	23	12	14	16	19	12	16	16	7	10	1								
1920										33	94	11	22	30	13	10	1	18	8	14	20	16	11	9	6	7	11	14	16	2					

06719500 CLEAR CREEK NEAR GOLDEN, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CLEAR CREEK NEAR GOLDEN, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1921											33	46	55	35	2	17	21	10	7	12	20	11	4	9	10	13	16	6	8	12	2	2	6	7	1
1922										5	37	80	8	20	29	34	19	13	21	16	20	13	5	7	12	6	6	12	1	1					
1923												103	58	24	21	4	1	3	4	22	9	11	6	10	23	9	13	26	3	10	2	2	1		
1924											5	21	33	33	22	47	45	10	36	17	7	9	6	8	8	3	9	10	6	14	9	5	2	1	
1925											10	135	8	6	19	15	15	29	36	25	14	10	16	5	16	5	1								
1926											36	5	42	42	1	40	25	26	11	8	8	5	7	13	17	10	12	15	9	10	11	9	3		
1927											1	102	29	16	23	24	21	11	14	6	6	9	14	20	16	22	16	11	4						
1928											85	43	16	19	26	12	32	10	4	13	10	5	6	7	12	17	10	14	13	4	8				
1929					1				61	94	33	9	4	10	1	11	2	3	7	12	14	21	19	15	31	14	3								
1930							1	3	38	42	5	33	4	31	14	13	30	16	15	15	20	18	18	14	8	7	6	9	5						
1931								28	31	1	61	43	29	23	26	19	8	24	7	10	7	4	4	13	14	6	4	2	1						
1932									91	65	7	11	15	22	14	13	20	11	13	2	7	12	16	22	12	9	4								
1933					4	7	5	92	9	8	46	23	15	7	3	9	18	15	11	6	4	9	7	7	9	4	5	2	15	18	7				
1934						1	1	5	10	26	39	47	31	30	27	16	20	24	11	12	7	9	9	11	5	3	5	3	12	1					
1935								31	9	61	53	31	21	10	5	9	12	8	6	6	10	20	12	6	8	16	13	3	7	2	5	1			
1936							1	2	9	12	82	32	16	12	12	18	6	12	13	9	13	11	15	26	11	6	10	10	16	10	2				
1937								1	1	33	50	17	39	24	12	28	38	20	9	8	12	7	4	13	20	12	15	1		1					
1938								1	1	36	62	18	29	32	11	5	5	1	8	11	22	29	18	8	12	12	3	2	6	15	13	5			
1939											1	34	97	37	27	24	22	15	19	8	7	15	19	8	5	18	9								
1958								1	1	19	22	98	16	15	35	48	27	8		10	5	7	5	6	10	8	2	2	5	10	5				
1959						1	2	4	17	28	66	56	23	21	20	7	12	12	6	8	13	18	11	9	6	3	3	10	9							
1960								3	33	28	18	19	19	14	54	32	27	15	7	7	10	11	4	7	18	6	9	7	11	7					
1961								13	79	34	13	31	19	20	2	2	5	4	1	16	33	33	9	13	8	6	9	14	1						
1962									6	17	48	56	29	12	19	20	19	13	15	19	16	16	12	14	15	7	12								
1963						5	6	13	40	49	31	46	22	4	4	12	28	33	17	33	13	6	2		1										
1964							15	22	43	55	15	16	35	34	17	12	5	7	9	11	9	13	10	16	18	4									
1965							24	32	46	65	32	3	1	1	1	7	6	21	8	10	6	9	9	16	5	5	8	13	16	12	7	2			
1966		1				1		2	7	31	42	52	16	37	17	23	34	14	14	21	27	26													
1967				1				22	53	46	45	31	13	16	15	19	13	8	10	7	2	10	12	13	14	12	3								
1968									5	28	73	29	59	22	11	16	24	9	4	17	15	7	6	9	4	7	8	9	4						
1969									7	43	66	54	17	19	7	15	13	13	12	7	7	5	3	1	14	10	9	7	17	15	4				
1970										3	18	62	36	12	32	31	40	16	14	8	8	7	7	6	6	4	6	16	16	13	4				
1971								2	2	4	14	28	45	24	23	39	38	23	15	13	9	13	11	5	9	13	11	6	4	10	4				
1972									9	39	46	31	28	46	24	39	26	9	7	8	9	5	5	3	7	6	8	3	6	2					
1973									5	43	69	63	13	10	14	15	15	8	6	6	4	5	6	5	15	20	13	6	13	6	3	2			
1974								1	7	12	47	51	52	25	24	19	20	6	4	8	4	6	11	21	13	8	12	4	9	1					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	16436	100.0	9	40.00	1336	15398	93.7	18	190.0	468	5134	31.2	27	880	249	906	5.5
1	10.00	1	16436	100.0	10	47.00	2142	14062	85.6	19	220.0	504	4666	28.4	28	1000	278	657	3.9
2	12.00	0	16435	100.0	11	56.00	1563	11920	72.5	20	260.0	506	4162	25.3	29	1200	216	379	2.3
3	14.00	1	16435	100.0	12	67.00	1188	10357	63.0	21	310.0	543	3656	22.2	30	1500	103	163	.9
4	17.00	5	16434	100.0	13	79.00	946	9169	55.8	22	370.0	441	3113	18.9	31	1800	36	60	.3
5	20.00	15	16429	100.0	14	94.00	761	8223	50.0	23	440.0	501	2672	16.3	32	2100	12	24	.1
6	24.00	55	16414	99.9	15	110.00	868	7462	45.4	24	530.0	480	2171	13.2	33	2500	11	12	
7	28.00	338	16359	99.5	16	130.00	823	6594	40.1	25	630.0	402	1691	10.3	34	3000	1	1	
8	33.00	623	16021	97.5	17	160.00	637	5771	35.1	26	740.0	383	1289	7.8					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CLEAR CREEK NEAR GOLDEN, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1912	2580.0	3	2340.0	3	2110.0	3	1770.0	3	1480.0	4	1240.0	3	1020.0	3	820.0	3	572.0	5
1913	960.0	34	882.0	35	842.0	35	754.0	35	730.0	33	625.0	30	551.0	26	478.0	26	373.0	23
1914	2900.0	2	2760.0	2	2430.0	2	2150.0	2	1930.0	2	1490.0	1	1230.0	1	1020.0	1	739.0	1
1915	1520.0	18	1460.0	18	1420.0	17	1280.0	17	1130.0	17	884.0	16	720.0	18	602.0	17	436.0	17
1916	829.0	37	813.0	37	770.0	37	721.0	38	658.0	36	551.0	36	489.0	34	439.0	32	335.0	30
1917	1450.0	19	1440.0	19	1410.0	18	1360.0	14	1180.0	13	907.0	14	737.0	15	602.0	18	426.0	19
1918	2090.0	5	1890.0	7	1780.0	6	1700.0	4	1390.0	6	1060.0	9	840.0	10	681.0	10	485.0	10
1919	910.0	36	873.0	36	839.0	36	766.0	34	630.0	39	568.0	34	489.0	35	427.0	33	326.0	32
1920	1290.0	24	1260.0	22	1210.0	22	1130.0	22	1050.0	20	870.0	17	708.0	19	605.0	15	442.0	16
1921	3020.0	1	2970.0	1	2870.0	1	2540.0	1	1990.0	1	1430.0	2	1170.0	2	959.0	2	690.0	2
1922	1060.0	30	936.0	32	864.0	34	814.0	32	697.0	35	539.0	37	434.0	39	374.0	38	277.0	38
1923	1940.0	11	1780.0	10	1450.0	15	1170.0	19	929.0	22	851.0	19	749.0	14	647.0	14	474.0	14
1924	2180.0	4	2020.0	4	1820.0	4	1580.0	7	1310.0	8	1060.0	10	828.0	11	672.0	13	478.0	13
1925	648.0	43	622.0	43	582.0	43	532.0	43	450.0	43	384.0	43	319.0	43	286.0	43	232.0	43
1926	1950.0	9	1900.0	5	1760.0	7	1630.0	6	1440.0	5	1140.0	6	952.0	4	813.0	4	586.0	4
1927	943.0	35	934.0	33	868.0	33	796.0	33	736.0	32	656.0	26	577.0	24	508.0	22	378.0	22
1928	1450.0	20	1430.0	20	1360.0	20	1170.0	20	984.0	21	861.0	18	727.0	16	602.0	16	427.0	18
1929	776.0	39	740.0	40	694.0	41	664.0	41	634.0	38	538.0	38	521.0	31	467.0	29	342.0	29
1930	1130.0	28	1120.0	26	1040.0	27	975.0	27	839.0	27	620.0	31	548.0	27	470.0	28	363.0	26
1931	1060.0	31	985.0	31	873.0	32	735.0	36	640.0	37	512.0	41	404.0	41	338.0	41	249.0	41
1932	770.0	40	756.0	39	729.0	39	688.0	39	612.0	41	533.0	39	454.0	37	381.0	37	284.0	37
1933	1570.0	15	1550.0	13	1520.0	12	1480.0	8	1360.0	7	1090.0	7	843.0	9	678.0	11	479.0	12
1934	1220.0	25	1110.0	27	1070.0	26	1030.0	25	875.0	24	638.0	29	499.0	32	418.0	34	306.0	34
1935	2020.0	6	1740.0	11	1640.0	10	1370.0	12	1100.0	18	835.0	20	697.0	20	584.0	20	415.0	20

06719500 CLEAR CREEK NEAR GOLDEN, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CLEAR CREEK NEAR GOLDEN, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1936	1580.0	14	1540.0	14	1400.0	19	1280.0	18	1190.0	12	970.0	12	812.0	13	712.0	7	528.0	7
1937	1320.0	22	1020.0	29	897.0	31	829.0	31	748.0	31	656.0	27	543.0	28	452.0	30	333.0	31
1938	1940.0	10	1900.0	6	1820.0	5	1670.0	5	1560.0	3	1190.0	4	931.0	5	785.0	5	603.0	3
1939	818.0	38	790.0	38	759.0	38	730.0	37	702.0	34	568.0	35	475.0	36	395.0	36	291.0	36
1958	1620.0	12	1610.0	12	1550.0	11	1400.0	11	1150.0	15	813.0	22	610.0	23	489.0	24	354.0	27
1959	1190.0	27	1150.0	25	1120.0	25	1050.0	23	901.0	23	657.0	25	532.0	30	441.0	31	320.0	33
1960	1340.0	21	1300.0	21	1230.0	21	1140.0	21	1050.0	19	827.0	21	671.0	21	551.0	21	404.0	21
1961	1010.0	32	987.0	30	952.0	29	928.0	28	846.0	26	651.0	28	539.0	29	477.0	27	371.0	24
1962	970.0	33	933.0	34	906.0	30	887.0	30	798.0	30	658.0	24	574.0	25	488.0	25	354.0	28
1963	558.0	44	457.0	44	393.0	44	341.0	44	295.0	45	264.0	45	226.0	45	213.0	45	176.0	45
1964	663.0	42	637.0	42	607.0	42	580.0	42	539.0	42	480.0	42	401.0	42	333.0	42	242.0	42
1965	2020.0	7	1880.0	8	1720.0	8	1470.0	9	1250.0	10	1150.0	5	930.0	6	773.0	6	551.0	6
1966	365.0	45	358.0	45	354.0	45	336.0	45	328.0	44	299.0	44	270.0	44	243.0	44	190.0	44
1967	742.0	41	735.0	41	722.0	40	680.0	40	616.0	40	524.0	40	425.0	40	351.0	40	257.0	40
1968	1070.0	29	1030.0	28	1000.0	28	916.0	29	833.0	28	613.0	32	494.0	33	408.0	35	299.0	35
1969	1610.0	13	1540.0	15	1430.0	16	1300.0	15	1270.0	9	1060.0	11	875.0	7	709.0	8	501.0	8
1970	1560.0	16	1540.0	16	1500.0	13	1360.0	13	1190.0	11	1080.0	8	855.0	8	696.0	9	498.0	9
1971	1530.0	17	1500.0	17	1490.0	14	1400.0	10	1150.0	16	900.0	15	720.0	17	598.0	19	442.0	15
1972	1300.0	23	1220.0	23	1140.0	24	1010.0	26	833.0	29	588.0	33	448.0	38	370.0	39	272.0	39
1973	1990.0	8	1870.0	9	1680.0	9	1290.0	16	1160.0	14	967.0	13	825.0	12	675.0	12	480.0	11
1974	1200.0	26	1180.0	24	1150.0	23	1050.0	24	872.0	25	719.0	23	613.0	22	504.0	23	366.0	25

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CLEAR CREEK NEAR GOLDEN, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1913	45.00	37	45.00	31	48.00	36	48.00	33	48.00	31	49.00	26	49.00	22	50.00	18	69.00	33
1914	40.00	29	52.00	42	53.00	40	60.00	42	66.00	43	73.00	43	74.00	43	75.00	43	105.00	42
1915	50.00	41	50.00	40	50.00	39	50.00	36	50.00	32	50.00	31	51.00	28	51.00	22	67.00	29
1916	44.00	32	45.00	32	45.00	29	45.00	31	45.00	21	45.00	14	46.00	14	47.00	12	63.00	17
1917	35.00	23	37.00	21	39.00	20	44.00	26	47.00	29	48.00	23	49.00	23	49.00	15	66.00	25
1918	40.00	30	45.00	33	45.00	30	45.00	27	45.00	22	47.00	20	48.00	18	51.00	23	57.00	14
1919	60.00	43	60.00	43	60.00	43	60.00	43	60.00	41	60.00	39	62.00	38	65.00	39	78.00	37
1920	45.00	33	45.00	34	45.00	31	45.00	28	45.00	23	49.00	27	51.00	29	52.00	24	64.00	22
1921	50.00	42	52.00	41	55.00	42	55.00	39	55.00	38	59.00	37	62.00	39	64.00	37	77.00	35
1922	38.00	26	38.00	22	39.00	21	45.00	29	45.00	24	48.00	24	50.00	24	52.00	25	67.00	30
1923	47.00	40	48.00	38	48.00	37	48.00	34	50.00	33	50.00	28	52.00	31	53.00	27	58.00	15
1924	46.00	38	46.00	36	47.00	34	47.00	32	50.00	34	54.00	36	60.00	36	69.00	41	95.00	41
1925	40.00	27	40.00	26	40.00	22	43.00	22	48.00	30	52.00	35	53.00	33	53.00	28	63.00	18
1926	40.00	28	40.00	27	42.00	25	44.00	23	44.00	18	50.00	29	55.00	34	58.00	35	78.00	36
1927	45.00	34	48.00	37	49.00	38	50.00	35	50.00	35	51.00	32	52.00	32	53.00	29	66.00	26
1928	45.00	35	45.00	35	45.00	32	45.00	30	45.00	25	45.00	15	45.00	13	47.00	13	63.00	19
1929	34.00	19	34.00	17	34.00	14	34.00	10	34.00	8	36.00	9	38.00	7	40.00	8	49.00	8
1930	19.00	4	28.00	8	33.00	13	38.00	14	38.00	13	40.00	12	42.00	11	46.00	11	68.00	31
1931	32.00	17	32.00	12	32.00	9	32.00	8	32.00	6	35.00	4	40.00	10	44.00	10	55.00	12
1932	34.00	20	35.00	18	35.00	15	35.00	13	35.00	10	38.00	10	38.00	8	38.00	6	45.00	4
1933	30.00	14	30.00	10	30.00	6	30.00	5	30.00	3	31.00	2	31.00	1	35.00	2	44.00	2
1934	17.00	3	18.00	1	20.00	1	22.00	1	44.00	19	51.00	33	55.00	35	55.00	34	64.00	20
1935	21.00	5	27.00	7	30.00	7	30.00	6	30.00	4	35.00	5	39.00	9	40.00	9	48.00	6
1936	32.00	18	33.00	14	37.00	17	42.00	19	50.00	36	51.00	34	51.00	30	53.00	30	66.00	27
1937	26.00	10	34.00	15	36.00	16	40.00	16	40.00	14	45.00	16	48.00	19	54.00	31	76.00	34
1938	31.00	15	39.00	23	43.00	27	44.00	24	46.00	26	48.00	25	48.00	20	55.00	32	65.00	23
1939	47.00	39	49.00	39	54.00	41	59.00	40	60.00	39	64.00	41	66.00	42	67.00	40	92.00	40
1959	22.00	7	29.00	9	33.00	10	34.00	11	38.00	11	47.00	21	50.00	25	49.00	16	52.00	10
1960	31.00	16	32.00	13	33.00	11	35.00	12	38.00	12	39.00	11	44.00	12	50.00	19	67.00	28
1961	30.00	11	31.00	11	32.00	8	32.00	9	34.00	9	35.00	6	36.00	4	37.00	4	48.00	7
1962	41.00	31	42.00	29	45.00	33	52.00	38	54.00	37	62.00	40	64.00	40	65.00	38	109.00	43
1963	21.00	6	22.00	3	26.00	4	29.00	4	31.00	5	36.00	7	36.00	5	39.00	7	46.00	5
1964	24.00	8	24.00	4	25.00	2	25.00	2	28.00	2	31.00	3	34.00	3	36.00	3	50.00	9
1965	25.00	9	25.00	5	26.00	3	26.00	3	27.00	1	30.00	1	32.00	2	34.00	1	38.00	1
1966	10.00	1	20.00	2	33.00	12	40.00	17	42.00	16	45.00	17	47.00	15	52.00	26	69.00	32
1967	16.00	2	27.00	6	30.00	5	31.00	7	33.00	7	36.00	8	37.00	6	38.00	5	45.00	3
1968	37.00	24	39.00	24	41.00	23	44.00	25	45.00	20	46.00	18	50.00	26	51.00	20	59.00	16
1969	38.00	25	40.00	28	42.00	26	43.00	20	44.00	17	47.00	22	48.00	21	49.00	17	55.00	13
1970	45.00	36	45.00	30	48.00	35	51.00	37	60.00	40	60.00	38	61.00	37	63.00	36	85.00	38
1971	30.00	12	35.00	19	44.00	28	59.00	41	64.00	42	65.00	42	66.00	41	70.00	42	89.00	39
1972	35.00	21	37.00	20	38.00	18	39.00	15	41.00	15	44.00	13	47.00	16	51.00	21	65.00	24
1973	35.00	22	39.00	25	41.00	24	43.00	21	46.00	27	46.00	19	48.00	17	48.00	14	53.00	11
1974	30.00	13	34.00	16	38.00	19	42.00	18	46.00	28	50.00	30	51.00	27	55.00	33	64.00	21

06719500 CLEAR CREEK NEAR GOLDEN, COLO.--Continued

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
106	74	55	50	48	53	100	454	919	509	260	151
1430	523	206	141	92	123	1860	47000	127000	44800	12100	4320
38	23	14	12	9.6	11	43	217	357	212	110	66
1.3	1.0	0.59	0.35	-0.13	0.67	1.2	0.99	0.70	0.91	1.4	2.1
0.36	0.31	0.26	0.24	0.20	0.21	0.43	0.48	0.39	0.42	0.42	0.44
3.8	2.7	2.0	1.8	1.7	1.9	3.6	16	33	18	9.4	5.4

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.0	1.9	1.7	1.7	1.7	1.7	2.0	2.6	2.9	2.7	2.4	2.1
0.02	0.02	0.01	0.01	0.01	0.01	0.03	0.04	0.03	0.03	0.03	0.03
0.15	0.13	0.11	0.11	0.09	0.09	0.17	0.20	0.18	0.18	0.17	0.16
0.23	0.22	-0.21	-0.20	-0.55	0.15	0.35	0.18	-0.45	-0.21	0.47	0.77
0.07	0.07	0.07	0.06	0.05	0.05	0.09	0.08	0.06	0.07	0.07	0.07
7.9	7.3	6.8	6.6	6.6	6.8	7.7	10	12	11	9.4	8.5

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
232	4310	66	0.65	0.28	-0.090

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.3	0.02	0.12	-0.16	0.05	-0.037

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CLEAR CREEK NEAR GOLDEN, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
YEAR	NUMBER OF DAYS IN CLASS																																			
1940					7	16	18	21	29	56	27	25	7	6	14	27	17	4	8	7	18	14	7	11	11	10	6									
1941							1	4	32	50	36	24	29	20	16	17	12	5	6	23	9	7	6	4	9	8	16	13	12	5	1					
1942								4	37	42	41	24	33	27	18	8	12	9	6	10	12	10	26	12	3	2	8	21								
1943					1		1	2	6	13	42	42	30	49	20	12	13	9	6	12	11	22	13	15	5	10	17	14								
1944						1	6	22	30	48	55	32	12	14	10	17	11	10	7	6	5	7	7	4	10	9	13	16	14							
1945					6	5	10	8	60	65	13	12	30	2	2	6	15	4	13	14	8	7	8	16	21	17	15	6	2							
1946					8	1	14	33	31	22	5	11	24	24	33	14	19	16	11	15	24	13	12	7	8	6	4	10								
1947					2	13	26	3	5	23	49	42	29	10		2	21	9	6	7	5	6	8	11	7	25	10	16	8	14	8					
1948										2	49	52	20	29	25	46	17	20	6	13	16	9	5	14	6	3	7	12	9	6						
1949								35	31	61	49	14	5	19	3	8	16	18	6	5	10	14	9	3	8	8	1	4	6	8	9	3	5	3	4	
1950					2	7	3	15	47	60	29	38	14	27	12	13	11	5	4	7	15	10	4	11	7	4	5	4	10	1						
1951						2	34	49	45	27	32	9	11	4	11	7	13	15	10	9	4	3	5	10	10	19	7	8	11	5	2	3				85926.0
1952								15	57	51	21	27	16	12	15	5	9	10	8	14	13	5	6	15	20	7	13	4	8	4	2	4	5			98716.0
1953			1	4	1	3	10	21	59	60	33	19	18	17	8	14	5	7	5	4	5	9	7	7	8	9	11	5	6	6	3					70858.0
1954		1	1	1		4	22	65	48	35	27	24	14	20	10	10	10	18	9	14	21	8	3													33590.0
1955			2	8	4	16	21	15	36	30	23	30	20	8	6	9	10	12	6	21	24	24	13	13	9	5										55548.0
1956						2	7	20	40	31	57	42	31	7	3	9	6	10	7	14	9	11	13	6	5	3	8	15	9	1						70521.0
1957					2	1	4	19	59	69	32	9	2	2	4	6	12	14	6	3	6	8	4	9	9	16	5	9	9	13	11	11	9	2		139090.0

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	6575	100.0	9	42.00	740	5310	80.8	18	190.0	133	1935	29.4	27	850	144	417	6.3
1	11.00	1	6575	100.0	10	49.00	621	4570	69.5	19	220.0	194	1802	27.4	28	1000	125	273	4.1
2	13.00	4	6574	100.0	11	58.00	493	3949	60.1	20	260.0	213	1608	24.5	29	1200	63	148	2.2
3	15.00	13	6570	99.9	12	69.00	336	3456	52.6	21	310.0	189	1395	21.2	30	1400	36	85	1.2
4	18.00	33	6557	99.7	13	82.00	303	3120	47.5	22	370.0	140	1206	18.3	31	1600	21	49	.7
5	21.00	71	6524	99.2	14	96.00	219	2817	42.8	23	430.0	182	1066	16.2	32	1900	19	28	.4
6	25.00	177	6453	98.1	15	110.00	240	2598	39.5	24	510.0	165	884	13.4	33	2300	5	9	.1
7	30.00	347	6276	95.5	16	130.00	225	2358	35.9	25	610.0	162	719	10.9	34	2700	4	4	
8	35.00	619	5929	90.2	17	160.00	198	2133	32.4	26	720.0	140	557	8.5					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CLEAR CREEK NEAR GOLDEN, CO.

YEAR	1	3	7	15	30	60	90	120	183
1940	776.0 16	762.0 16	721.0 16	647.0 16	630.0 16	502.0 16	425.0 16	354.0 16	265.0 16
1941	1400.0 7	1220.0 8	1140.0 9	1060.0 9	1010.0 9	885.0 6	713.0 6	595.0 6	424.0 6
1942	1160.0 11	1130.0 10	1100.0 10	1070.0 8	1030.0 7	783.0 9	659.0 8	558.0 7	404.0 7
1943	974.0 14	957.0 14	942.0 14	898.0 13	831.0 13	695.0 12	590.0 12	510.0 11	377.0 10
1944	1160.0 12	1120.0 11	1050.0 12	1020.0 12	992.0 10	844.0 7	680.0 7	551.0 8	393.0 8
1945	1060.0 13	1020.0 13	972.0 13	888.0 14	804.0 14	681.0 13	612.0 11	521.0 9	379.0 9

06719500 CLEAR CREEK NEAR GOLDEN, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CLEAR CREEK NEAR GOLDEN, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1946	886.0	15	882.0	15	872.0	15	840.0	15	699.0	15	539.0	15	450.0	15	389.0	15	294.0	14
1947	1510.0	6	1460.0	6	1450.0	5	1380.0	4	1260.0	4	1050.0	3	916.0	3	784.0	3	561.0	2
1948	1290.0	8	1250.0	7	1220.0	7	1150.0	7	1020.0	8	779.0	10	619.0	9	515.0	10	375.0	11
1949	2920.0	1	2850.0	1	2600.0	1	2250.0	1	1810.0	1	1320.0	2	999.0	2	801.0	2	559.0	3
1950	1210.0	9	1170.0	9	1140.0	8	1050.0	10	852.0	12	626.0	14	494.0	14	400.0	14	285.0	15
1951	1820.0	4	1650.0	4	1520.0	4	1350.0	5	1130.0	5	916.0	5	746.0	5	609.0	5	430.0	5
1952	2170.0	3	2120.0	3	2000.0	3	1710.0	3	1340.0	3	1000.0	4	823.0	4	683.0	4	489.0	4
1953	1590.0	5	1460.0	5	1380.0	6	1240.0	6	1030.0	6	786.0	8	617.0	10	493.0	12	344.0	12
1954	424.0	18	404.0	18	363.0	18	320.0	18	290.0	18	263.0	18	225.0	18	193.0	18	146.0	18
1955	683.0	17	672.0	17	638.0	17	581.0	17	515.0	17	418.0	17	370.0	17	346.0	17	261.0	17
1956	1210.0	10	1100.0	12	1070.0	11	1020.0	11	943.0	11	719.0	11	577.0	13	477.0	13	337.0	13
1957	2380.0	2	2220.0	2	2070.0	2	1880.0	2	1720.0	2	1500.0	1	1230.0	1	1020.0	1	717.0	1

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CLEAR CREEK NEAR GOLDEN, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1941	29.00	14	32.00	14	35.00	14	40.00	14	42.00	14	42.00	14	43.00	14	46.00	14	60.00	14
1942	36.00	16	38.00	16	40.00	15	42.00	15	42.00	15	47.00	15	50.00	15	54.00	15	67.00	15
1943	19.00	7	32.00	15	41.00	16	45.00	16	50.00	16	51.00	16	53.00	16	60.00	16	68.00	16
1944	23.00	12	27.00	12	29.00	12	29.00	9	34.00	9	38.00	11	40.00	13	44.00	12	47.00	7
1945	18.00	4	19.00	4	20.00	3	22.00	2	27.00	3	33.00	6	36.00	5	37.00	4	45.00	6
1946	18.00	5	18.00	3	18.00	1	23.00	3	30.00	6	30.00	1	33.00	2	37.00	5	58.00	13
1947	19.00	6	20.00	5	21.00	4	24.00	4	25.00	1	31.00	3	38.00	6	44.00	13	51.00	12
1948	48.00	17	50.00	17	54.00	17	54.00	17	55.00	17	56.00	17	57.00	17	61.00	17	79.00	17
1949	30.00	15	30.00	13	31.00	13	32.00	12	33.00	7	35.00	7	39.00	10	43.00	11	48.00	8
1950	20.00	8	20.00	6	21.00	5	26.00	5	34.00	10	38.00	12	39.00	11	40.00	7	48.00	9
1951	22.00	11	24.00	8	26.00	8	27.00	7	28.00	4	30.00	2	31.00	1	33.00	1	40.00	2
1952	25.00	13	26.00	10	28.00	9	30.00	10	35.00	11	37.00	8	39.00	12	41.00	8	50.00	11
1953	14.00	3	15.00	1	21.00	6	28.00	8	36.00	12	37.00	9	38.00	7	39.00	6	44.00	5
1954	11.00	1	20.00	7	23.00	7	26.00	6	30.00	5	32.00	4	34.00	3	34.00	2	37.00	1
1955	13.00	2	16.00	2	19.00	2	21.00	1	27.00	2	32.00	5	36.00	4	36.00	3	43.00	3
1956	21.00	10	25.00	9	28.00	10	31.00	11	33.00	8	37.00	10	39.00	8	41.00	9	49.00	10
1957	20.00	9	27.00	11	29.00	11	35.00	13	36.00	13	39.00	13	39.00	9	41.00	10	43.00	4

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
73	60	46	38	41	47	91	420	944	535	242	114
406	415	126	63	65	122	1830	26600	130000	77500	11000	1380
20	20	11	7.9	8.1	11	43	163	361	278	105	37
1.2	0.96	0.02	0.95	0.69	1.5	1.7	0.17	0.54	1.6	1.1	0.38
0.28	0.34	0.24	0.21	0.20	0.24	0.47	0.39	0.38	0.52	0.43	0.32
2.8	2.2	1.7	1.4	1.5	1.8	3.4	16	36	20	9.1	4.3

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.9	1.8	1.7	1.6	1.6	1.7	1.9	2.6	2.9	2.7	2.3	2.0
0.01	0.02	0.01	0.01	0.01	0.01	0.03	0.03	0.04	0.04	0.03	0.02
0.11	0.14	0.11	0.09	0.08	0.09	0.18	0.18	0.19	0.21	0.18	0.15
0.70	0.53	-0.74	0.28	0.31	0.88	0.76	-0.10	-1.0	0.07	0.06	-0.22
0.06	0.08	0.07	0.06	0.05	0.06	0.09	0.07	0.06	0.08	0.08	0.07
7.5	7.1	6.7	6.4	6.5	6.7	7.8	11	12	11	9.5	8.3

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
221	4450	67	0.51	0.30	0.017

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.3	0.02	0.14	-0.70	0.06	0.126

06720000 CLEAR CREEK AT MOUTH, NEAR DERBY, COLO.

LOCATION.--Lat 39°49'42", long 104°57'30", in SW¼SW¼ sec.36, T.2 S., R.68 W., Adams County, on right bank 210 ft (64 m) downstream from York Street bridge, 0.6 mi (1.0 km) upstream from mouth, and 2.5 mi (4.0 km) west of Derby.

DRAINAGE AREA.--575 mi² (1,489 km²).

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs, diversions for irrigation of about 75,000 acres (304 km²) above station, and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CLEAR CREEK AT MOUTH, NEAR DERBY, CO.

NUMBER OF DAYS IN CLASS

YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1928										3	17	16	15	27	24	31	64	44	47	5	6	5	6	7	3	6	9	6	8	9	7	1			
1929									2	3	5	12	7	23	64	69	46	32	14	8	11	7	11	13	23	12	3								
1930								1	4	1	1	17	29	33	30	28	71	41	30	34	12	4	10	11	7	1									
1931								3	3	11	7	12	18	42	90	37	43	37	10	6	17	21	3	2	2	1									
1932					13			15	9	18	16	22	10	18	35	28	27	25	16	31	34	23	13	12	1										
1933					10			4	12	7	22	6	6	28	42	13	33	19	15	46	48	5	1	1	4	10	9	9	11	3	1				
1934										1	1	33	21	75	30	37	25	13	34	30	24	4	8	4	6	7	6	3	3						
1935					25			30	38	13	10	22	14	31	15	24	33	29	7	5	5	5	14	20	13	6	1	5							
1936											4	3	7	28	16	54	75	20	29	20	14	17	4	6	20	14	13	8	8	4	2				
1937					2		1	2	2	3	33	20	48	33	19	26	36	21	17	6	12	19	11	12	17	10	1	7	5		1		1		
1938							1		4	12	24	9	21	38	44	44	16	12	9	12	14	16	12	13	3	13	4	1	7	14	15	5	1	1
1939					15	9	16	5	1	1	5	3	5	25	8	4	10	23	36	53	48	47	14	14	4	9	5	5							
1940					6		11	25	12	11	12	28	27	23	36	44	31	17	14	12	11	12	5	4	7	11	6	1							
1941											21	18	13	49	83	42	32	14	10	8	6	7	11	11	8	7	4	11	7	3					
1942							1	9		1		1	5	21	35	64	30	25	20	30	17	14	11	4	1	4	4	10	38	13	5	2			
1943		1				2	4	5	1		4	8	19	20	9	31	33	69	34	29	14	17	10	11	9	14	8	12	1						
1944							2	5	12	18	19	18	13	20	47	57	30	20	11	13	14	5	2	5	6	5	9	21	12	2					
1945								2	4	9	20	43	32	31	27	51	40	7	2	2	1	5	6	9	9	14	13	35	3						
1946										1	9	14	22	39	36	74	44	36	18	7	10	29	10	6		2	8								
1947											2	13	10	8	20	92	43	41	10	17	18	14	7	3	6	9	9	7	11	6	5	4	8	2
1948									1	15	8	4	2	2	27	32	63	18	21	18	47	32	29	14	3	14	4	2	9	1					
1949									1	1	4	21	56	30	100	55	15	3	3	7	4	5	4	3	2	6	1	8	5	7	9	6	5	2	2
1950									4	3	17	29	23	51	63	45	22	24	13	12	10	3	2	7	12	10	4	8	1	2					
1951							1	1	5	5	18	33	31	52	31	29	29	12	3	10	6	8	6	13	17	14	12	11	9	4	3	2			
1952													5	1	44	149	24	9	5	2	7	3	27	27	6	8	6	11	8	6	9	8	1		
1953									3	4	10	11	23	65	68	49	34	24	5	5	5	5	3	5	7	9	8	6	5	7	3	1			
1954				1	2	6	7	18	5	8	19	30	25	35	72	67	28	21	5	6	5	3	2												
1955									4	9	33	53	31	31	60	27	29	10	16	9	8	12	9	7	4	8	5								
1956							2	1	6	4	5	10	12	42	89	71	27	12	7	3	11	11	2	4	3	10	11	9	8	5	1				
1957					1		1	2		1	11	14	18	44	51	35	50	18	5	4	4	6	4	8	3	3	9	3	10	16	21	23			
1958						1		1	2	1	5	11	20	8	14	34	63	26	15	20	42	22	22	12	8	2	2	5	5	7	9	8			
1959									2	4	4	11	16	10	19	61	87	37	25	11	10	8	3	11	3	13	8	10	11	1					
1960													19	7	55	21	55	55	12	11	16	17	22	20	12	8	18	9	8	1					
1961													11	8	12	18	87	96	26	13	11	8	5	11	8	9	16	5	10	11					
1962												1	5	10	20	13	10	8	6	19	43	60	49	43	43	12	7	14	2						
1963							3	2	6	3	6	11	34	50	41	35	61	71	23	6	6	3	2	1				1							
1964							1	1	3	4	18	6	28	23	29	34	87	57	13	7	8	2	6	17	14	5	3								
1965											3	25	18	1	14	6	74	53	25	8	25	12	11	11	8	3	5	14	9	7	5	11	10	7	
1966												2	6	6	38	48	42	48	46	39	53	11	24		1	1									
1967										12	11	8	24	33	53	76	51	18	6	9	7	7	10	10	5	7	11	5	2						
1968												1	6	15	37	46	106	58	25	16	8	5	3	5	1	10	12	9	3						
1969											3	3	20	41	104	54	30	7	9	6	5	4	3	8	5	1	3	8	15	17	9	9	1		
1970															5	12	41	34	30	25	36	47	39	25	15	15	4	10	5	9	12	1			
1971															11	28	19	30	26	24	40	59	35	17	24	21	12	5	2	11	1				
1972												1	12	25	46	35	40	81	50	19	13	2	5	13	7	3	4	7	1	1	1				
1973												2	14	22	11	16	31	76	52	18	14	8	9	15	8	10	13	12	11	9	11	2		1	
1974					1	1	1		1	3	2	5	11	4	12	13	39	49	50	29	33	43	12	16	8	11	7	5	9						
1975		1	1		1	1	1	1	1	3	3	9	30	34	58	55	50	19	17	11	6	8	1	2	4	5	5	19	16	3					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	17532	100.0	9	3.40	193	17098	97.5	18	38.0	922	6287	35.9	27	420	337	1049	5.9
1	0.30	2	17532	100.0	10	4.40	412	16905	96.4	19	49.0	741	5365	30.6	28	540	278	712	4.0
2	0.50	1	17530	100.0	11	5.80	619	16493	94.1	20	64.0	819	4624	26.4	29	710	179	434	2.4
3	0.70	1	17529	100.0	12	7.60	842	15874	90.5	21	84.0	690	3805	21.7	30	930	130	255	1.4
4	0.90	76	17528	100.0	13	9.90	1262	15032	85.7	22	110.0	518	3115	17.8	31	1200	83	125	.7
5	1.20	20	17452	99.5	14	13.00	1894	13770	78.5	23	140.0	493	2597	14.8	32	1600	27	42	.2
6	1.50	53	17432	99.4	15	17.00	2014	11876	67.7	24	190.0	380	2104	12.0	33	2100	13	15	
7	2.00	133	17379	99.1	16	22.00	2056	9862	56.3	25	240.0	373	1724	9.8	34	2700	2	2	
8	2.60	148	17246	98.4	17	29.00	1519	7806	44.5	26	320.0	302	1351	7.7					

06720000 CLEAR CREEK AT MOUTH, NEAR DERBY, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CLEAR CREEK AT MOUTH, NEAR DERBY, CO.

YEAR	1	3	7	15	30	60	90	120	183
1928	1220.0 15	1110.0 13	1030.0 10	908.0 11	748.0 11	505.0 12	358.0 13	275.0 13	187.0 14
1929	417.0 40	390.0 39	303.0 40	239.0 41	222.0 39	160.0 38	153.0 34	129.0 35	90.0 35
1930	281.0 44	229.0 44	203.0 43	175.0 43	150.0 43	111.0 43	83.0 43	69.0 43	53.0 45
1931	240.0 46	225.0 45	171.0 44	133.0 45	107.0 45	87.0 45	66.0 45	54.0 46	41.0 46
1932	202.0 47	180.0 47	168.0 45	135.0 44	117.0 44	102.0 44	82.0 44	66.0 44	54.0 43
1933	1050.0 16	751.0 22	656.0 22	564.0 22	484.0 22	329.0 23	236.0 25	194.0 24	138.0 26
1934	618.0 33	533.0 33	450.0 34	390.0 34	294.0 35	188.0 37	132.0 38	104.0 38	84.0 37
1935	489.0 38	480.0 37	442.0 35	340.0 37	256.0 37	202.0 35	150.0 37	117.0 37	78.0 38
1936	1010.0 18	884.0 18	823.0 16	490.0 28	403.0 27	317.0 25	294.0 17	251.0 16	181.0 17
1937	1730.0 7	1170.0 11	814.0 17	558.0 23	401.0 28	292.0 27	227.0 27	174.0 29	122.0 29
1938	2220.0 5	1800.0 4	1430.0 6	1190.0 8	1030.0 6	770.0 6	547.0 7	430.0 7	302.0 7
1939	503.0 37	496.0 36	463.0 33	373.0 36	287.0 36	193.0 36	152.0 35	133.0 34	107.0 32
1940	421.0 39	391.0 38	300.0 41	279.0 38	245.0 38	159.0 39	117.0 40	90.0 41	68.0 40
1941	904.0 21	841.0 20	692.0 20	487.0 29	436.0 24	322.0 24	239.0 24	188.0 27	128.0 28
1942	1340.0 13	1210.0 10	942.0 14	837.0 12	714.0 12	683.0 8	555.0 6	431.0 6	303.0 6
1943	555.0 34	511.0 35	424.0 37	386.0 35	352.0 33	283.0 28	212.0 30	171.0 30	120.0 30
1944	745.0 26	696.0 24	620.0 26	570.0 19	528.0 19	422.0 15	299.0 16	236.0 18	162.0 19
1945	641.0 32	561.0 31	525.0 31	513.0 25	507.0 20	424.0 14	351.0 14	272.0 15	184.0 16
1946	410.0 41	373.0 41	333.0 39	272.0 39	188.0 41	121.0 42	91.0 42	72.0 42	54.0 44
1947	2300.0 3	2110.0 3	1900.0 3	1690.0 3	1210.0 4	814.0 5	591.0 5	452.0 5	304.0 5
1948	764.0 24	679.0 26	665.0 21	569.0 20	412.0 25	280.0 29	214.0 29	180.0 28	130.0 27
1949	2720.0 1	2680.0 1	2250.0 2	1810.0 2	1340.0 2	871.0 3	603.0 4	458.0 4	305.0 4
1950	780.0 23	693.0 25	575.0 29	477.0 31	371.0 31	251.0 32	181.0 32	141.0 32	97.0 33
1951	1250.0 14	1060.0 15	994.0 12	704.0 16	590.0 15	467.0 13	381.0 12	303.0 12	204.0 12
1952	1680.0 8	1450.0 9	1400.0 8	1260.0 6	1020.0 7	692.0 7	518.0 9	422.0 8	287.0 8
1953	1360.0 11	1100.0 14	986.0 13	835.0 13	620.0 13	408.0 18	289.0 19	223.0 21	150.0 22
1954	128.0 48	117.0 48	93.0 48	63.0 48	47.0 48	40.0 48	32.0 48	26.0 48	22.0 48
1955	390.0 42	386.0 40	334.0 38	262.0 40	216.0 40	140.0 41	107.0 41	92.0 40	65.0 41
1956	1010.0 19	903.0 17	775.0 19	674.0 17	552.0 18	375.0 20	271.0 21	210.0 22	143.0 24
1957	1590.0 9	1550.0 5	1480.0 4	1360.0 4	1210.0 3	1100.0 2	880.0 2	685.0 2	457.0 2
1958	1550.0 10	1510.0 6	1450.0 5	1260.0 7	1010.0 8	600.0 10	421.0 11	327.0 11	228.0 11
1959	724.0 27	653.0 28	611.0 27	565.0 21	489.0 21	355.0 21	253.0 23	199.0 23	141.0 25
1960	724.0 28	697.0 23	625.0 24	512.0 26	469.0 23	337.0 22	270.0 22	235.0 19	171.0 18
1961	900.0 22	857.0 19	777.0 18	758.0 15	605.0 14	394.0 19	288.0 20	244.0 17	187.0 15
1962	548.0 35	515.0 34	500.0 32	485.0 30	384.0 30	270.0 30	221.0 28	193.0 25	155.0 20
1963	520.0 36	269.0 43	138.0 46	91.0 47	63.0 47	44.0 47	34.0 47	33.0 47	29.0 47
1964	356.0 43	324.0 42	271.0 42	226.0 42	180.0 42	159.0 40	119.0 39	93.0 39	70.0 39
1965	2620.0 2	2480.0 2	2400.0 1	2000.0 1	1380.0 1	1170.0 1	886.0 1	692.0 1	472.0 1
1966	276.0 45	198.0 46	133.0 47	124.0 46	101.0 46	68.0 46	57.0 46	59.0 45	54.0 42
1967	645.0 31	553.0 32	434.0 36	412.0 33	295.0 34	225.0 33	168.0 33	135.0 33	94.0 34
1968	658.0 30	607.0 30	565.0 30	474.0 32	392.0 29	262.0 31	192.0 31	150.0 31	108.0 31
1969	1830.0 6	1470.0 8	1410.0 7	1280.0 5	1060.0 5	850.0 4	621.0 3	473.0 3	317.0 3
1970	1350.0 12	1110.0 12	1030.0 11	965.0 10	833.0 9	588.0 11	439.0 10	351.0 10	243.0 10
1971	939.0 20	910.0 16	894.0 15	796.0 14	570.0 16	414.0 17	346.0 15	273.0 14	200.0 13
1972	1020.0 17	828.0 21	650.0 23	505.0 27	354.0 32	210.0 34	151.0 36	121.0 36	88.0 36
1973	2260.0 4	1510.0 7	1210.0 9	987.0 9	791.0 10	654.0 9	525.0 8	413.0 9	284.0 9
1974	694.0 29	650.0 29	608.0 28	522.0 24	408.0 26	299.0 26	228.0 26	192.0 26	147.0 23
1975	753.0 25	657.0 27	623.0 25	580.0 18	553.0 17	415.0 16	291.0 18	223.0 20	154.0 21

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CLEAR CREEK AT MOUTH, NEAR DERBY, CO.

YEAR	1	3	7	14	30	60	90	120	183
1928	8.00 42	8.70 42	9.30 41	9.70 36	11.00 28	19.00 35	18.00 31	22.00 33	25.00 31
1929	4.00 30	4.30 27	4.90 25	5.00 18	5.80 14	11.00 18	16.00 27	18.00 27	19.00 21
1930	3.00 23	3.30 21	4.10 22	7.20 28	8.50 22	19.00 36	24.00 36	27.00 38	27.00 32
1931	2.00 16	2.70 18	3.70 19	6.90 24	8.20 20	9.70 16	13.00 16	16.00 20	17.00 17
1932	2.00 17	2.00 13	2.40 11	3.10 9	3.60 5	4.30 5	5.60 5	8.90 6	20.00 22
1933	1.00 6	1.00 3	1.00 1	1.00 1	1.20 1	2.60 2	4.50 2	7.20 3	22.00 27
1934	2.00 18	2.30 14	3.60 18	4.20 16	9.40 24	11.00 19	19.00 32	26.00 36	31.00 35
1935	1.00 7	1.00 4	1.00 2	2.00 4	2.40 4	3.10 4	5.70 6	7.70 4	13.00 7
1936	1.00 8	1.00 5	1.00 3	2.40 6	6.30 16	11.00 20	14.00 22	19.00 30	21.00 24
1937	4.00 31	5.00 33	6.60 35	7.10 27	8.10 19	9.30 15	13.00 17	16.00 21	31.00 36
1938	1.10 9	1.40 6	2.10 9	4.10 14	4.50 8	5.20 7	5.90 7	13.00 14	14.00 8
1939	3.00 24	4.30 28	6.20 33	11.00 38	23.00 45	46.00 47	53.00 47	51.00 45	58.00 45
1940	0.90 4	0.90 1	1.00 4	1.10 2	1.20 2	1.50 1	2.30 1	3.40 1	9.00 2
1941	1.70 11	1.80 11	2.00 7	3.40 11	6.00 15	12.00 23	14.00 18	15.00 18	16.00 13
1942	5.30 35	5.40 35	6.50 34	8.20 32	11.00 29	13.00 24	17.00 30	18.00 28	21.00 25
1943	0.40 1	1.60 8	1.80 6	2.00 5	9.20 23	21.00 38	27.00 39	32.00 39	33.00 40
1944	3.00 25	3.10 19	3.30 16	4.20 15	5.60 13	6.10 10	7.10 9	11.00 11	15.00 9
1945	1.80 12	1.90 12	2.40 10	2.70 7	3.70 6	5.00 6	5.20 3	8.10 5	9.90 3
1946	4.40 32	4.90 31	5.90 30	8.50 33	11.00 30	17.00 34	19.00 33	21.00 31	31.00 37
1947	3.60 28	4.70 30	5.60 28	6.30 21	11.00 31	14.00 29	15.00 23	24.00 34	28.00 33
1948	5.60 36	5.70 36	5.90 31	13.00 41	20.00 43	22.00 40	29.00 40	38.00 42	44.00 42
1949	3.30 26	3.40 22	3.60 17	3.80 12	4.60 9	7.10 12	7.60 12	9.10 8	12.00 6
1950	2.70 19	3.10 20	5.00 26	7.00 26	11.00 32	13.00 25	14.00 19	14.00 15	16.00 14

06720000 CLEAR CREEK AT MOUTH, NEAR DERBY, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CLEAR CREEK AT MOUTH, NEAR DERBY, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1951	1.80	13	2.30	15	3.20	14	5.00	19	5.40	12	6.10	11	6.70	8	9.00	7	10.00	4
1952	2.70	20	4.30	29	6.00	32	6.50	22	11.00	33	14.00	30	16.00	28	17.00	24	17.00	18
1953	3.00	21	3.50	23	5.20	27	6.90	25	12.00	35	13.00	26	14.00	20	16.00	22	15.00	10
1954	3.00	22	4.00	25	4.40	23	5.50	20	7.40	18	9.20	14	12.00	15	13.00	12	15.00	11
1955	0.80	2	0.90	2	1.40	5	1.50	3	1.80	3	3.00	3	5.50	4	5.70	2	6.40	1
1956	4.80	33	5.10	34	5.80	29	7.70	30	8.30	21	14.00	31	15.00	24	15.00	19	17.00	19
1957	1.00	5	1.60	9	2.50	12	3.10	10	4.50	7	5.60	8	7.50	11	11.00	9	12.00	5
1958	12.00	47	13.00	46	16.00	47	17.00	47	20.00	44	27.00	42	33.00	43	45.00	43	52.00	43
1959	1.20	10	2.30	16	3.90	20	6.60	23	7.20	17	7.80	13	8.60	13	11.00	10	16.00	15
1960	6.80	38	8.00	40	9.90	42	12.00	39	15.00	38	21.00	39	24.00	37	27.00	37	32.00	38
1961	8.00	43	8.00	41	8.00	37	8.00	31	11.00	34	11.00	21	15.00	25	18.00	25	23.00	28
1962	9.50	45	10.00	44	13.00	45	15.00	45	24.00	46	68.00	48	83.00	48	89.00	48	127.00	48
1963	7.10	40	7.20	37	7.60	36	8.90	34	9.60	25	10.00	17	11.00	14	14.00	16	20.00	23
1964	1.80	14	1.80	10	2.10	8	2.90	8	5.10	11	13.00	27	20.00	34	19.00	29	22.00	26
1965	1.80	15	2.30	17	3.30	15	4.00	13	5.00	10	5.80	9	7.30	10	13.00	13	18.00	20
1966	12.00	46	14.00	47	14.00	46	16.00	46	25.00	47	34.00	45	43.00	44	46.00	44	55.00	44
1967	3.50	27	3.60	24	4.00	21	4.30	17	13.00	36	16.00	32	16.00	26	17.00	23	17.00	16
1968	3.70	29	4.10	26	4.60	24	14.00	43	15.00	39	16.00	33	20.00	35	22.00	32	24.00	29
1969	6.00	37	7.20	38	8.70	40	9.50	35	10.00	26	12.00	22	14.00	21	14.00	17	15.00	12
1970	4.80	34	5.00	32	8.10	38	14.00	44	15.00	40	26.00	41	47.00	46	60.00	47	75.00	47
1971	15.00	48	16.00	48	19.00	48	23.00	48	26.00	48	35.00	46	43.00	45	54.00	46	69.00	46
1972	9.40	44	10.00	45	12.00	44	13.00	42	18.00	42	28.00	43	29.00	41	32.00	40	33.00	39
1973	7.00	39	7.20	39	8.50	39	10.00	37	11.00	27	20.00	37	25.00	38	25.00	35	31.00	34
1974	8.00	41	8.80	43	11.00	43	12.00	40	16.00	41	30.00	44	32.00	42	36.00	41	37.00	41
1975	0.90	3	1.40	7	2.50	13	7.50	29	13.00	37	14.00	28	17.00	29	18.00	26	24.00	30

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
28	37	33	28	29	30	39	187	460	178	52	28
1430	1120	501	387	345	532	2380	33400	108000	37100	6140	1300
38	34	22	20	19	23	49	183	329	193	78	36
3.6	2.0	2.1	1.9	1.9	1.9	4.0	1.8	1.2	2.7	3.3	3.3
1.4	0.92	0.68	0.70	0.64	0.77	1.2	0.98	0.71	1.1	1.5	1.3
2.5	3.2	2.9	2.5	2.6	2.6	3.5	17	41	16	4.6	2.4

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.2	1.4	1.4	1.4	1.4	1.4	1.4	2.1	2.5	2.1	1.5	1.2
0.19	0.12	0.06	0.07	0.05	0.07	0.14	0.17	0.13	0.17	0.17	0.21
0.43	0.34	0.25	0.25	0.23	0.27	0.37	0.41	0.36	0.42	0.41	0.46
0.43	0.30	0.15	0.51	0.71	0.68	0.57	0.07	-0.64	-0.08	0.97	0.01
0.36	0.24	0.18	0.19	0.16	0.20	0.26	0.19	0.14	0.20	0.28	0.38
6.4	7.5	7.6	7.2	7.4	7.3	7.4	11	13	11	7.7	6.3

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
94	2840	53	0.97	0.57	0.004

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.9	0.07	0.26	-0.33	0.14	0.147

06720500 SOUTH PLATTE RIVER AT HENDERSON, COLO.

LOCATION.--Lat 39°55'19", long 104°52'00", in SE¼NE¼ sec.34, T.1 S., R.67 W., Adams County, on right bank 500 ft (150 m) upstream from bridge on State Highway 22 and 0.2 mi (0.3 km) northwest of Henderson.

DRAINAGE AREA.--4,713 mi² (12,207 km²).

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs, ground-water withdrawal, diversions for irrigation of about 253,000 acres (1,020 km²), and return flow from irrigated areas.

06720500 SOUTH PLATTE RIVER AT HENDERSON, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT HENDERSON, CO.

NUMBER OF DAYS IN CLASS

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR																																			
1927									1	3	3	27	58	41	51	40	19	17	35	36	15	10	6	2			1								
1928						1	2	6	7	6	5	13	31	77	45	20	16	51	27	7	11	10	3	13	8	4	2	1							
1929									4	12	42	37	30	32	15	35	19	31	15	36	37	9	8	1	2										
1930							4	4	2	4	16	19	14	40	26	34	14	62	26	26	25	20	17	5	3	2	2								
1931											4	93	81	45	16	17	17	17	14	10	22	15	12	2											
1932									9	7	18	25	48	22	45	33	32	53	16	23	24	6	3	2											
1933									11	16	14	34	58	38	31	16	17	19	16	13	10	7	12	19	15	8	3	4	4						
1934							12	8	18	9	6	23	30	31	60	54	36	33	15	6	11	8	2	3											
1935			5	3	3	4	3	11	11	27	58	36	26	26	17	7	8	9	17	26	24	20	12	4	4		1	1	2						
1936										4	10	14	33	29	39	70	8	20	12	28	22	25	21	19	6	2	1	2	1						
1937											4	8	43	26	69	58	38	22	18	23	28	13	9	3	1	1	1								
1938										5	12	38	43	26	28	30	26	3	13	13	17	16	27	13	21	25	4	3	2						
1939												6	12	27	44	27	20	41	45	28	22	19	35	24	5	3	3	1	2	1					
1940								1	11	9	13	21	41	29	70	50	22	16	26	23	22	6	4	2											
1941										15	33	21	25	27	25	39	42	14	18	12	15	21	20	17	8	8	4	1							
1942							1	1	3		2	2	5	14	36	52	25	21	13	33	22	21	18	7	12	3	9	26	11	2	9	10	7		
1943									1	2	11	14	28	45	28	24	20	28	54	57	25	20	8												
1944								2	8	6	14	46	72	42	14	26	13	10	14	14	17	17	12	14	8	9	6	2							
1945							3	8	13	6	21	48	71	20	20	25	22	9	15	19	25	12	8	4	5	4	3	1	2	1					
1946											1	16	25	45	50	62	31	55	25	19	23	7	3	3											
1947										9	2	6	26	34	36	41	22	25	15	15	24	18	17	11	15	17	19	6	2	4	1				
1948											3	3	1	21	21	19	25	42	25	47	38	18	18	22	16	21	17	7	1	1					
1949					7	2	20	5	8	17	19	36	24	21	16	25	16	39	10	10	17	9	13	4	9	6	6	4	3	8	8	3			
1950		1	1		2	4	5	3	11	25	34	15	57	37	30	27	33	25	9	15	13	4	10	1	2		1								
1951		1	1			1	6	2	6	20	45	64	40	9	5	9	34	31	11	18	16	24	15	6			1								
1952					1	2	2		4	17	39	72	44	22	17	6	14	22	8	23	22	15	10	5	7	14									
1953					3	7	5	5	6	26	43	81	44	14	10	10	4	5	11	26	18	20	14	11	2										
1954				2	2	3	3	7	3	5	23	34	32	115	87	20	8	4	7	8		1	1												
1955						7	7	10	9	31	65	32	29	15	15	22	21	25	27	21	11	5	9	3			1								
1956						6	2	2	7	9	84	54	28	53	29	12	8	10	9	9	12	14	11	4	1	1		1							
1957				2	6	2	1	3	5	10	25	37	21	20	24	54	9	14	9	7	6	3	12	17	24	20	11	13	6	2	2				
1958												5	16	64	40	43	47	28	29	26	12	14	5	4	1	10	5	10	3	3					
1959												62	100	44	17	15	9	18	19	29	18	21	11	1		1									
1960									1	1	2	23	90	32	25	10	12	22	28	19	29	28	22	11	6	5									
1961											1	6	112	38	14	17	17	16	14	24	40	26	23	9	6	2									
1962												4	14	11	13	11	7	17	33	71	71	67	31	14	1										
1963					4	5	5	7	7	4	9	24	102	48	63	31	19	17	8	5	2	3	1					1							
1964								5	9	6	10	13	71	74	21	27	28	38	15	23	15	5	4			2									
1965						1		1	2	1	2	8	34	42	27	35	12	38	19	21	21	26	23	10	8	6	8	9	6	2	2				1
1966												1	6	36	39	78	51	52	37	28	15	19	3												
1967															8	43	158	54	19	35	21	7	7	8	4	1									
1968														18	79	70	32	41	25	33	49	14	3	1		1									
1969												2	18	94	72	11	10	13	15	25	17	19	13	8	8	5	11	10	7	5			2		
1970																2	2	25	39	39	47	54	49	25	14	16	18	13	16	3	3				
1971															5	9	53	96	101	37	26	31	5	2											
1972													1	8	23	26	77	105	54	31	14	18	4	2	2	1									
1973															4	48	61	47	40	34	24	13	21	13	11	6	10	5	7	10	8	1	1	1	
1974															3	9	15	64	60	83	53	45	26	3	2	1		1							
1975													1	2	57	61	43	58	50	25	16	16	13	13	4	2	3		1						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	17897	100.0	9	31.00	312	17459	97.6	18	270.0	1202	6662	37.2	27	2400	129	312	1.7
1	4.30	2	17897	100.0	10	39.00	693	17147	95.8	19	340.0	1329	5460	30.5	28	3000	74	183	1.0
2	5.60	7	17895	100.0	11	50.00	1123	16454	91.9	20	440.0	1225	4131	23.1	29	3900	40	109	.6
3	7.10	7	17888	99.9	12	63.00	1683	15331	85.7	21	560.0	860	2906	16.2	30	4900	35	69	.3
4	9.10	28	17881	99.9	13	80.00	1546	13648	76.3	22	710.0	683	2046	11.4	31	6300	21	34	.1
5	12.00	45	17853	99.8	14	100.00	1447	12102	67.6	23	910.0	427	1363	7.6	32	8000	8	13	
6	15.00	81	17808	99.5	15	130.00	1444	10655	59.5	24	1200.0	258	936	5.2	33	10000	3	5	
7	19.00	91	17727	99.1	16	170.00	1192	9211	51.5	25	1500.0	218	678	3.8	34	13000	2	2	
8	24.00	177	17636	98.5	17	210.00	1357	8019	44.8	26	1900.0	148	460	2.6					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT HENDERSON, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1927	2100.0	29	1050.0	39	635.0	47	560.0	46	489.0	46	430.0	41	417.0	39	390.0	39	305.0	37
1928	2910.0	19	2410.0	18	1910.0	17	1590.0	16	1330.0	17	876.0	19	696.0	23	571.0	26	408.0	28
1929	1450.0	39	1170.0	34	946.0	35	691.0	37	607.0	37	544.0	36	479.0	36	447.0	34	353.0	32
1930	2240.0	25	1900.0	22	1590.0	22	1230.0	21	952.0	23	699.0	25	647.0	25	565.0	27	433.0	27
1931	950.0	45	906.0	42	881.0	37	797.0	33	679.0	33	574.0	34	465.0	37	400.0	37	290.0	39
1932	948.0	46	834.0	43	690.0	43	605.0	43	522.0	42	474.0	40	404.0	41	348.0	41	267.0	42
1933	3420.0	17	2990.0	12	2570.0	12	1790.0	14	1600.0	12	1290.0	12	1060.0	12	856.0	13	667.0	13
1934	1100.0	42	815.0	44	745.0	40	643.0	39	553.0	39	376.0	47	285.0	47	252.0	47	226.0	47
1935	3680.0	14	2680.0	15	1660.0	20	1150.0	22	1070.0	21	791.0	23	677.0	24	609.0	23	435.0	26

06720500 SOUTH PLATTE RIVER AT HENDERSON, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT HENDERSON, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1936	3510.0	15	2600.0	16	2030.0	15	1450.0	19	1100.0	20	845.0	20	837.0	17	770.0	17	585.0	18
1937	1990.0	30	1430.0	28	1090.0	28	747.0	35	616.0	36	585.0	32	501.0	32	427.0	35	326.0	36
1938	3480.0	16	2700.0	14	1990.0	16	1860.0	13	1700.0	11	1460.0	11	1180.0	11	1000.0	10	874.0	10
1939	4150.0	11	3010.0	11	2260.0	13	1770.0	15	1380.0	15	1120.0	14	1030.0	13	883.0	12	654.0	14
1940	1010.0	44	686.0	48	572.0	48	539.0	47	514.0	44	389.0	46	330.0	45	317.0	45	259.0	43
1941	2750.0	21	2200.0	19	1760.0	18	1510.0	18	1280.0	18	1070.0	15	899.0	15	809.0	15	587.0	17
1942	9210.0	4	8920.0	3	8130.0	2	7730.0	1	6590.0	1	4740.0	1	3740.0	1	2990.0	1	2150.0	1
1943	832.0	48	782.0	46	689.0	44	595.0	44	555.0	38	494.0	39	449.0	38	423.0	36	339.0	34
1944	2570.0	23	2440.0	17	2250.0	14	1920.0	12	1470.0	13	1200.0	13	985.0	14	813.0	14	584.0	19
1945	4070.0	12	3370.0	10	2760.0	10	2010.0	11	1440.0	14	991.0	17	788.0	18	655.0	22	473.0	24
1946	1090.0	43	798.0	45	681.0	45	614.0	42	448.0	47	398.0	43	351.0	43	321.0	44	268.0	41
1947	4960.0	8	4710.0	7	4110.0	7	3190.0	8	2500.0	7	2110.0	7	1720.0	7	1440.0	7	1070.0	7
1948	4030.0	13	2950.0	13	2660.0	11	2370.0	10	1870.0	10	1830.0	9	1530.0	9	1360.0	8	1050.0	8
1949	7950.0	5	7050.0	5	6570.0	3	5570.0	3	4190.0	3	2750.0	3	2050.0	4	1620.0	5	1120.0	5
1950	2210.0	26	1550.0	27	1140.0	27	890.0	30	671.0	35	522.0	38	406.0	40	331.0	43	259.0	44
1951	2130.0	28	1170.0	35	911.0	36	772.0	34	706.0	31	649.0	29	582.0	29	499.0	30	348.0	33
1952	1800.0	33	1690.0	25	1650.0	21	1580.0	17	1350.0	16	967.0	18	774.0	21	668.0	21	479.0	23
1953	1320.0	40	1160.0	36	1020.0	31	942.0	28	824.0	27	664.0	28	620.0	27	530.0	29	367.0	31
1954	832.0	49	450.0	49	367.0	49	310.0	49	219.0	49	172.0	49	177.0	49	162.0	49	136.0	49
1955	2140.0	27	1090.0	38	798.0	38	643.0	40	519.0	43	389.0	44	348.0	44	361.0	40	292.0	38
1956	2670.0	22	1640.0	26	971.0	33	864.0	32	753.0	30	566.0	35	487.0	34	399.0	38	285.0	40
1957	6140.0	6	4200.0	8	3830.0	8	3320.0	6	2640.0	5	2190.0	6	1920.0	5	1650.0	4	1140.0	4
1958	4280.0	9	4100.0	9	3550.0	9	2970.0	9	2430.0	8	1590.0	10	1190.0	10	968.0	11	684.0	12
1959	1580.0	36	1110.0	37	772.0	39	713.0	36	672.0	34	588.0	31	499.0	33	452.0	33	334.0	35
1960	1810.0	32	1760.0	24	1550.0	23	1060.0	24	827.0	26	769.0	24	740.0	22	705.0	20	556.0	20
1961	1840.0	31	1230.0	32	1080.0	29	919.0	29	846.0	25	697.0	26	606.0	28	606.0	24	510.0	22
1962	1260.0	41	999.0	40	946.0	34	870.0	31	801.0	28	683.0	27	644.0	26	606.0	25	546.0	21
1963	2850.0	20	1420.0	29	701.0	42	436.0	48	298.0	48	232.0	48	216.0	48	218.0	48	176.0	48
1964	1680.0	35	1360.0	31	975.0	32	686.0	38	491.0	45	428.0	42	400.0	42	344.0	42	259.0	45
1965	13000.0	2	7350.0	4	4950.0	5	3300.0	7	2170.0	9	2050.0	8	1640.0	8	1360.0	9	1010.0	9
1966	840.0	47	697.0	47	654.0	46	571.0	45	542.0	40	389.0	45	319.0	46	279.0	46	234.0	46
1967	1520.0	38	1200.0	33	1040.0	30	943.0	27	697.0	32	580.0	33	528.0	31	466.0	31	388.0	29
1968	1570.0	37	907.0	41	727.0	41	618.0	41	541.0	41	527.0	37	481.0	35	456.0	32	384.0	30
1969	12700.0	3	9270.0	2	5630.0	4	3920.0	4	2630.0	6	2460.0	5	1870.0	6	1520.0	6	1070.0	6
1970	6100.0	7	5040.0	6	4120.0	6	3600.0	5	2900.0	4	2740.0	4	2280.0	3	1920.0	3	1450.0	3
1971	1720.0	34	1380.0	30	1220.0	26	1090.0	23	1050.0	22	805.0	22	786.0	19	717.0	19	615.0	15
1972	2290.0	24	1860.0	23	1260.0	24	959.0	26	753.0	29	633.0	30	571.0	30	534.0	28	450.0	25
1973	13200.0	1	11400.0	1	8930.0	1	7160.0	2	5870.0	2	4120.0	2	3170.0	2	2550.0	2	1850.0	2
1974	3290.0	18	2080.0	21	1220.0	25	1030.0	25	922.0	24	840.0	21	779.0	20	763.0	18	689.0	11
1975	4270.0	10	2160.0	20	1690.0	19	1370.0	20	1180.0	19	1020.0	16	896.0	16	774.0	16	615.0	16

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT HENDERSON, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1928	16.00	17	18.00	13	21.00	13	28.00	13	39.00	13	72.00	25	81.00	25	97.00	24	119.00	29
1929	14.00	12	25.00	21	32.00	21	35.00	20	38.00	11	42.00	4	48.00	7	56.00	8	72.00	12
1930	17.00	18	17.00	12	19.00	10	25.00	11	54.00	20	103.00	34	120.00	34	140.00	35	140.00	32
1931	41.00	33	42.00	32	45.00	30	54.00	29	59.00	25	60.00	18	60.00	14	63.00	14	77.00	15
1932	26.00	28	29.00	25	35.00	24	48.00	26	64.00	26	73.00	26	82.00	26	87.00	23	118.00	27
1933	24.00	26	25.00	22	28.00	17	29.00	14	36.00	9	46.00	10	56.00	10	61.00	13	75.00	14
1934	15.00	13	16.00	11	17.00	9	19.00	6	28.00	5	39.00	2	70.00	20	105.00	29	121.00	30
1935	7.00	4	9.30	5	20.00	11	21.00	7	32.00	8	42.00	5	45.00	3	47.00	3	49.00	2
1936	6.00	2	6.70	1	7.40	1	23.00	9	70.00	30	89.00	29	101.00	28	104.00	28	108.00	25
1937	42.00	34	44.00	33	50.00	32	59.00	32	66.00	27	87.00	27	104.00	30	120.00	32	143.00	33
1938	36.00	31	37.00	31	41.00	28	44.00	24	58.00	22	67.00	23	73.00	21	77.00	22	93.00	20
1939	36.00	32	46.00	34	60.00	35	78.00	38	145.00	41	214.00	44	249.00	44	270.00	44	315.00	44
1940	23.00	23	25.00	23	31.00	19	33.00	18	55.00	21	62.00	21	74.00	23	72.00	20	82.00	16
1941	32.00	29	33.00	28	35.00	25	35.00	19	44.00	17	67.00	22	73.00	22	100.00	27	105.00	23
1942	45.00	35	57.00	37	68.00	38	72.00	36	96.00	36	124.00	37	128.00	36	141.00	36	181.00	36
1943	15.00	14	22.00	17	26.00	16	49.00	27	81.00	33	123.00	36	150.00	37	186.00	39	181.00	37
1944	21.00	21	22.00	18	25.00	15	29.00	15	47.00	19	53.00	13	56.00	11	59.00	11	66.00	7
1945	15.00	15	20.00	14	20.00	12	25.00	10	43.00	14	53.00	14	58.00	12	56.00	9	62.00	5
1946	20.00	19	24.00	20	45.00	31	56.00	31	72.00	31	99.00	33	121.00	35	131.00	33	149.00	34
1947	33.00	30	33.00	29	34.00	22	41.00	23	69.00	29	94.00	31	104.00	31	111.00	30	116.00	26
1948	82.00	42	89.00	42	93.00	41	96.00	41	133.00	40	169.00	41	204.00	41	244.00	43	291.00	43
1949	9.20	7	9.70	6	12.00	4	14.00	2	24.00	2	42.00	6	46.00	4	48.00	4	67.00	9
1950	6.80	3	12.00	9	13.00	7	21.00	8	30.00	6	51.00	12	78.00	24	76.00	21	95.00	21
1951	4.40	1	7.70	2	17.00	8	31.00	16	43.00	15	56.00	16	58.00	13	60.00	12	84.00	18
1952	16.00	16	23.00	19	29.00	18	31.00	17	37.00	10	47.00	11	51.00	8	54.00	7	66.00	8
1953	9.20	8	13.00	10	32.00	20	37.00	21	39.00	12	43.00	7	46.00	5	50.00	5	54.00	3
1954	10.00	10	10.00	7	12.00	5	15.00	3	25.00	3	54.00	15	65.00	17	69.00	17	72.00	10
1955	8.40	5	8.90	3	13.00	6	15.00	4	30.00	7	37.00	1	39.00	1	40.00	1	46.00	1
1956	25.00	27	32.00	26	37.00	26	41.00	22	44.00	18	45.00	9	46.00	6	47.00	2	55.00	4
1957	9.00	6	9.30	4	9.90	2	13.00	1	28.00	4	43.00	8	45.00	2	52.00	6	74.00	13
1958	24.00	24	34.00	30	53.00	33	75.00	37	90.00	35	96.00	32	105.00	32	132.00	34	155.00	35
1959	52.00	37	53.00	35	53.00	34	55.00	30	59.00	23	61.00	19	63.00	15	66.00	15	72.00	11
1960	24.00	25	32.00	27	42.00	29	53.00	28	59.00	24	62.00	20	68.00	18	72.00	18	87.00	19

06720500 SOUTH PLATTE RIVER AT HENDERSON, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT HENDERSON, CO.

YEAR	1	3	7	14	30	60	90	120	183
1961	60.00 38	61.00 38	62.00 36	64.00 34	67.00 28	69.00 24	70.00 19	72.00 19	83.00 17
1962	47.00 36	57.00 36	114.00 43	138.00 44	172.00 45	378.00 47	397.00 46	408.00 45	474.00 47
1963	9.40 9	10.00 8	12.00 3	15.00 5	22.00 1	41.00 3	52.00 9	57.00 10	65.00 6
1964	20.00 20	21.00 15	23.00 14	27.00 12	43.00 16	58.00 17	63.00 16	68.00 16	95.00 22
1965	22.00 22	29.00 24	41.00 27	47.00 25	72.00 32	88.00 28	103.00 29	98.00 25	119.00 28
1966	13.00 11	21.00 16	35.00 23	61.00 33	119.00 39	131.00 38	150.00 38	156.00 37	238.00 39
1967	60.00 39	76.00 40	110.00 42	127.00 42	155.00 42	169.00 39	179.00 39	181.00 38	182.00 38
1968	86.00 43	90.00 43	90.00 40	92.00 40	99.00 37	107.00 35	114.00 33	120.00 31	136.00 31
1969	74.00 41	76.00 41	80.00 39	81.00 39	88.00 34	92.00 30	91.00 27	100.00 26	107.00 24
1970	60.00 40	62.00 39	65.00 37	70.00 35	117.00 38	292.00 45	353.00 45	425.00 47	495.00 48
1971	143.00 47	161.00 47	250.00 47	306.00 48	329.00 48	397.00 48	424.00 48	438.00 48	434.00 45
1972	103.00 45	112.00 45	130.00 44	137.00 43	155.00 43	205.00 43	227.00 43	236.00 42	269.00 42
1973	97.00 44	106.00 44	133.00 45	181.00 46	192.00 46	195.00 42	219.00 42	224.00 41	260.00 41
1974	214.00 48	275.00 48	284.00 48	293.00 47	300.00 47	342.00 46	398.00 47	419.00 46	454.00 46
1975	124.00 46	138.00 46	147.00 46	153.00 45	162.00 44	169.00 40	183.00 40	193.00 40	242.00 40

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
162	160	142	144	159	213	350	908	971	536	416	232
20500	24500	15400	13400	12600	56200	310000	1180000	678000	112000	80400	28400
143	157	124	116	112	237	557	1090	824	335	284	169
1.7	2.3	2.2	1.8	1.5	2.6	4.5	3.0	1.9	1.4	1.6	1.6
0.88	0.98	0.88	0.80	0.71	1.1	1.6	1.2	0.85	0.63	0.68	0.73
3.7	3.6	3.2	3.3	3.6	4.8	8.0	21	22	12	9.5	5.3

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.1	2.1	2.0	2.0	2.1	2.2	2.3	2.8	2.9	2.7	2.5	2.3
0.10	0.12	0.08	0.10	0.08	0.13	0.18	0.13	0.10	0.07	0.08	0.09
0.32	0.34	0.29	0.31	0.29	0.37	0.42	0.36	0.32	0.27	0.28	0.30
0.66	0.56	0.89	0.29	0.13	0.63	0.65	0.76	0.16	-0.22	0.09	0.23
0.15	0.17	0.14	0.15	0.14	0.17	0.18	0.13	0.11	0.10	0.11	0.13
7.5	7.4	7.3	7.3	7.5	7.7	8.2	10.0	10	9.5	9.1	8.1

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
367	54500	234	1.8	0.64	0.202

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.5	0.06	0.24	0.46	0.10	0.262

06721000 SOUTH PLATTE RIVER AT FORT LUPTON, COLO.

LOCATION.--Lat 40°04'50", long 104°49'18", in NW¼ sec.6, T.1 N., R.66 W., Weld County, on left bank 50 ft (15 m) downstream from bridge on State Highway 52 at Fort Lupton and 0.7 mi (1.1 km) downstream from Big Dry Creek.

DRAINAGE AREA.--5,010 mi² (12,976 km²).

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs, ground-water withdrawals and diversions for irrigation of about 288,000 acres (1,170 km²), and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT FORT LUPTON, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1930												4	14	30	26	24	66	51	50	33	24	12	16	5	4	4	1	1							
1931											4	12	11	22	88	70	46	16	14	19	21	16	13	9	4										
1932								1	1		9	10	16	19	33	23	55	36	41	67	30	15	8	2											
1933													14	59	85	23	28	12	28	16	13	11	11	12	12	23	3	5	4	6					
1934										2	9	44	39	54	42	22	24	22	29	43	19	12	3	1											
1935								6	6	14	23	21	28	47	44	18	16	13	16	20	28	22	19	6	11	3	2		1	1					

06721000 SOUTH PLATTE RIVER AT FORT LUPTON, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT FORT LUPTON, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR															NUMBER OF DAYS IN CLASS																				
1936											1	10	14	23	23	17	46	63	33	21	23	17	20	22	11	8	5	6	2	1					
1937												4	29	16	19	36	29	24	93	46	25	21	8	8	1	3		3							
1938												8	17	28	41	25	27	52	14	12	13	12	21	19	12	19	25	12	4	3	1				
1939											2	22	33	9	11	6	15	24	26	24	52	47	33	17	19	13	3	3	4		1	1			
1940					2	1	2	5	8	13	11	23	26	36	52	24	45	13	18	29	38	15	1	2	2										
1941											1	6	22	48	36	24	20	36	44	26	15	13	24	17	9	12	10	2							
1942														2	6	6	45	47	38	38	14	16	24	19	14	8	7	4	10	25	12	5	13	10	2
1943										9	3	10	9	5	9	12	63	49	33	38	77	18	19	8	3										
1944										1	5	9	38	31	51	42	37	17	17	17	17	14	20	6	9	11	8	11	5						
1945											1	8	14	9	58	59	79	29	17	26	20	7	11	6	3	5	5	2	3	2	1				
1946													2	14	32	44	90	32	45	41	24	24	11	3	2	1									
1947														2	10	17	69	41	44	33	26	17	13	7	11	9	12	15	18	10	4	3	4		
1948										1	8	4	4	9	13	6	10	12	41	60	35	35	27	16	16	18	12	20	13	5	1				
1949										3	9	8	4	8	21	50	61	32	35	37	20	5	7	11	6	5	7	5	5	5	3	9	7	2	
1950							2	3	1	5	14	27	17	37	33	43	59	26	34	24	14	9	7	6	1	1	1		1						
1951								1	4	6	8	7	15	52	78	23	17	23	33	19	21	16	21	15	3	2			1						
1952											6	1	4	24	119	46	24	19	16	19	21	21	16	6	3	3	9	8	1						
1953						1	4	2	4	5	11	21	19	27	111	33	13	10	14	20	18	20	10	11	8	2	1								
1954									3	4	22	33	40	56	67	53	66	8	5	4	1	2	1												
1955							3	11	9	6	18	28	31	107	21	10	23	15	16	22	20	4	9	7	2	1	1		1						
1956									1	6	22	43	39	83	69	18	12	10	8	7	11	15	7	8	1	2	2	1		1					
1957		1	1	2	1	1	1	2	2	2	5	12	11	22	59	6	40	36	18	19	13	3	6	9	13	23	10	13	14	12	5	2	1		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	10227	100.0	9	27.00	77	10135	99.1	18	210.0	821	4223	41.3	27	1600	111	357	3.4
1	4.40	1	10227	100.0	10	34.00	192	10058	98.3	19	260.0	797	3402	33.3	28	2000	88	246	2.4
2	5.50	1	10226	100.0	11	43.00	371	9866	96.5	20	330.0	662	2605	25.5	29	2600	71	158	1.5
3	6.90	2	10225	100.0	12	54.00	500	9495	92.8	21	420.0	451	1943	19.0	30	3200	28	87	.8
4	8.70	3	10223	100.0	13	67.00	863	8995	88.0	22	520.0	382	1492	14.6	31	4000	20	59	.5
5	11.00	3	10220	99.9	14	85.00	1261	8132	79.5	23	660.0	269	1110	10.9	32	5100	25	39	.3
6	14.00	12	10217	99.9	15	110.00	782	6871	67.2	24	820.0	181	841	8.2	33	6400	12	14	.1
7	17.00	31	10205	99.8	16	130.00	1083	6089	59.5	25	1000.0	176	660	6.5	34	8000	2	2	
8	22.00	39	10174	99.5	17	170.00	783	5006	48.9	26	1300.0	127	484	4.7					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT FORT LUPTON, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1930	2080.0	18	1760.0	14	1460.0	13	1170.0	14	891.0	14	653.0	14	571.0	14	508.0	15	394.0	14
1931	910.0	24	821.0	22	807.0	21	749.0	20	632.0	19	518.0	19	409.0	21	356.0	20	269.0	21
1932	700.0	26	610.0	26	519.0	25	456.0	26	427.0	25	400.0	23	349.0	23	299.0	25	272.0	20
1933	3000.0	10	2970.0	8	2390.0	7	1620.0	10	1370.0	9	1170.0	8	958.0	8	794.0	9	629.0	8
1934	670.0	27	551.0	27	510.0	26	473.0	25	420.0	26	304.0	26	246.0	27	227.0	27	237.0	26
1935	3090.0	9	1780.0	13	1300.0	15	1130.0	15	844.0	15	653.0	15	570.0	15	526.0	14	394.0	15
1936	2640.0	12	2310.0	11	1840.0	11	1340.0	12	994.0	13	781.0	13	780.0	10	728.0	10	559.0	10
1937	1790.0	19	1520.0	18	1140.0	16	756.0	19	657.0	18	561.0	17	460.0	18	390.0	19	322.0	17
1938	3790.0	7	3050.0	7	1920.0	10	1820.0	9	1650.0	6	1410.0	6	1130.0	6	953.0	6	847.0	6
1939	4220.0	5	3390.0	5	2290.0	8	1830.0	8	1430.0	8	1110.0	9	946.0	9	816.0	7	642.0	7
1940	965.0	23	662.0	25	478.0	27	400.0	27	378.0	27	296.0	27	264.0	26	269.0	26	226.0	27
1941	1760.0	20	1530.0	17	1330.0	14	1200.0	13	1020.0	12	882.0	10	735.0	11	676.0	11	504.0	11
1942	8260.0	1	7990.0	1	7540.0	1	7140.0	1	6280.0	1	4680.0	1	3750.0	1	3040.0	1	2200.0	1
1943	902.0	25	810.0	23	700.0	23	585.0	22	544.0	22	469.0	21	422.0	20	391.0	18	322.0	18
1944	2390.0	15	2360.0	10	2180.0	9	1880.0	6	1450.0	7	1200.0	7	969.0	7	801.0	8	584.0	9
1945	3860.0	6	3070.0	6	2480.0	6	1830.0	7	1290.0	10	864.0	12	696.0	13	587.0	13	433.0	13
1946	1030.0	22	742.0	24	633.0	24	577.0	23	435.0	24	372.0	24	346.0	24	311.0	23	262.0	22
1947	6200.0	3	6000.0	3	5340.0	3	4080.0	3	3120.0	3	2540.0	3	2060.0	2	1670.0	2	1220.0	2
1948	3690.0	8	2910.0	9	2590.0	5	2320.0	5	1840.0	5	1750.0	5	1420.0	5	1260.0	5	975.0	5
1949	6970.0	2	6450.0	2	5940.0	2	5250.0	2	3920.0	2	2600.0	2	1950.0	3	1540.0	4	1080.0	4
1950	2400.0	14	1640.0	16	1090.0	18	814.0	17	619.0	20	467.0	22	365.0	22	303.0	24	250.0	24
1951	2160.0	17	1380.0	19	870.0	19	676.0	21	600.0	21	577.0	16	533.0	16	457.0	16	327.0	16
1952	2290.0	16	1840.0	12	1800.0	12	1580.0	11	1270.0	11	879.0	11	703.0	12	609.0	12	450.0	12
1953	1330.0	21	978.0	21	845.0	20	792.0	18	676.0	17	557.0	18	512.0	17	426.0	17	305.0	19
1954	543.0	28	362.0	28	275.0	28	230.0	28	162.0	28	137.0	28	133.0	28	127.0	28	112.0	28
1955	2420.0	13	1220.0	20	758.0	22	574.0	24	526.0	23	369.0	25	306.0	25	320.0	22	258.0	23
1956	2790.0	11	1690.0	15	1120.0	17	892.0	16	692.0	16	497.0	20	424.0	19	342.0	21	245.0	25
1957	5190.0	4	4270.0	4	3820.0	4	3280.0	4	2540.0	4	2070.0	4	1850.0	4	1570.0	3	1110.0	3

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT FORT LUPTON, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1931	68.00	24	78.00	23	82.00	22	94.00	20	102.00	20	104.00	20	104.00	17	110.00	15	133.00	16
1932	36.00	16	40.00	15	42.00	14	46.00	12	56.00	10	74.00	11	101.00	15	126.00	17	144.00	19
1933	21.00	7	30.00	10	45.00	16	49.00	13	55.00	9	84.00	16	86.00	9	84.00	8	97.00	6
1934	40.00	17	41.00	16	44.00	15	59.00	18	75.00	17	82.00	14	111.00	18	153.00	20	169.00	20
1935	17.00	6	17.00	5	19.00	4	25.00	4	30.00	2	36.00	2	44.00	2	48.00	1	56.00	1

06721000 SOUTH PLATTE RIVER AT FORT LUPTON, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT FORT LUPTON, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1936	26.00	11	30.00	11	35.00	9	44.00	11	88.00	19	99.00	18	130.00	20	142.00	19	142.00	17
1937	71.00	26	81.00	24	91.00	27	104.00	25	129.00	23	173.00	23	192.00	24	202.00	24	213.00	23
1938	45.00	19	46.00	19	52.00	19	57.00	17	63.00	14	84.00	15	104.00	16	105.00	14	119.00	13
1939	58.00	21	67.00	20	79.00	21	94.00	21	210.00	27	293.00	27	328.00	27	344.00	27	389.00	27
1940	10.00	2	11.00	2	16.00	2	19.00	1	34.00	3	45.00	4	48.00	3	57.00	3	73.00	3
1941	35.00	15	43.00	17	49.00	18	53.00	16	57.00	11	76.00	13	95.00	14	123.00	16	125.00	15
1942	56.00	20	89.00	27	90.00	25	96.00	23	145.00	25	177.00	25	179.00	23	189.00	23	222.00	24
1943	77.00	27	81.00	25	84.00	23	106.00	26	142.00	24	174.00	24	204.00	25	246.00	25	238.00	25
1944	27.00	12	28.00	9	29.00	7	33.00	5	40.00	5	56.00	6	65.00	6	81.00	6	97.00	7
1945	42.00	18	45.00	18	47.00	17	51.00	15	54.00	8	65.00	7	79.00	7	92.00	10	102.00	9
1946	70.00	25	71.00	21	90.00	26	98.00	24	107.00	21	153.00	22	171.00	22	184.00	22	196.00	22
1947	65.00	22	72.00	22	77.00	20	95.00	22	115.00	22	129.00	21	162.00	21	174.00	21	171.00	21
1948	67.00	23	84.00	26	88.00	24	133.00	27	183.00	26	227.00	26	264.00	26	303.00	26	316.00	26
1949	27.00	13	33.00	13	39.00	10	41.00	10	58.00	12	72.00	10	88.00	12	95.00	11	120.00	14
1950	24.00	9	26.00	8	39.00	11	68.00	19	78.00	18	103.00	19	129.00	19	132.00	18	144.00	18
1951	14.00	4	17.00	6	28.00	6	37.00	7	47.00	7	53.00	5	62.00	5	82.00	7	102.00	10
1952	23.00	8	24.00	7	30.00	8	41.00	8	67.00	16	86.00	17	87.00	10	90.00	9	106.00	12
1953	33.00	14	38.00	14	40.00	12	41.00	9	59.00	13	75.00	12	94.00	13	99.00	12	99.00	8
1954	11.00	3	14.00	3	19.00	5	33.00	6	40.00	6	67.00	8	87.00	11	99.00	13	103.00	11
1955	16.00	5	16.00	4	17.00	3	19.00	2	24.00	1	34.00	1	43.00	1	49.00	2	57.00	2
1956	26.00	10	31.00	12	40.00	13	49.00	14	65.00	15	70.00	9	79.00	8	78.00	5	86.00	5
1957	4.40	1	8.70	1	14.00	1	19.00	3	35.00	4	41.00	3	54.00	4	64.00	4	78.00	4

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
132	161	157	165	171	240	338	813	944	450	366	192
7780	9300	7040	5310	8060	80900	428000	848000	843000	130000	87400	37400
88	96	84	73	90	285	654	921	918	360	296	193
1.2	1.5	1.9	0.85	2.0	2.7	4.3	3.1	2.0	1.9	1.4	2.8
0.67	0.60	0.53	0.44	0.53	1.2	1.9	1.1	0.97	0.80	0.81	1.0
3.2	3.9	3.8	4.0	4.1	5.8	8.2	20	23	11	8.9	4.7

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.0	2.1	2.1	2.2	2.2	2.2	2.3	2.7	2.8	2.5	2.4	2.1
0.09	0.06	0.04	0.04	0.04	0.11	0.16	0.13	0.14	0.11	0.13	0.13
0.30	0.25	0.20	0.19	0.20	0.34	0.40	0.36	0.38	0.34	0.36	0.36
-0.18	0.02	0.69	0.14	0.38	1.3	1.5	0.72	-0.17	-0.32	-0.14	0.40
0.15	0.12	0.09	0.09	0.09	0.15	0.18	0.13	0.13	0.13	0.15	0.17
7.3	7.7	7.7	7.8	7.9	8.0	8.1	9.9	10	9.1	8.7	7.7

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
345	54500	234	2.2	0.68	0.094

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.5	0.06	0.24	0.61	0.10	0.195

06721500 NORTH ST. VRAIN CREEK NEAR ALLENS PARK, COLO.

LOCATION.--Lat 40°13'07", long 105°31'57", in SW¼ sec.14, T.3 N., R.73 W., Boulder County, 1.4 mi (2.3 km) upstream from Horse Creek and 1.7 mi (2.7 km) north of Allens Park.

DRAINAGE AREA.--32.6 mi² (84.4 km²).

REMARKS.--No diversions above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH ST. VRAIN CREEK NEAR ALLENS PARK, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1926					1	51	36	6	20	24	24	8	28	13	9	12	10	9	5	6	4	7	5	2	11	7	3	3	11	12	11	15	6	3	1
1927				1	47	73	9	17	7	21	22	6	1		5	10	9	12	11	6	10	6	1	2	9	18	19	7	7	9	9	6	4	1	
1928				61	37	5	41	3	6	16	7	2	14	13	25	14	4	6	1	12	9	8	3	3	5	3	7	5	11	18	8	8	6	4	1
1929				59	1	15	40	16	19	20	9	9	14	10	6	2	4		1	8	5	19	18	6	9	4	2	9	27	13	18	2			
1930		43		7	34	33	6	7	5	2	9	6	6	7	12	15	13	14	14	14	11	9	7	2	26	25	13	4	10	8	1	2			

06721500 NORTH ST. VRAIN CREEK NEAR ALLENS PARK, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH ST. VRAIN CREEK NEAR ALLENS PARK, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1826	100.0	9	12.00	83	1118	61.2	18	45.0	32	636	34.8	27	160	28	260	14.2
1	4.00	43	1826	100.0	10	14.00	71	1035	56.7	19	51.0	46	604	33.1	28	180	66	232	12.7
2	4.60	0	1783	97.6	11	17.00	31	964	52.8	20	59.0	39	558	30.6	29	210	60	166	9.0
3	5.30	128	1783	97.6	12	19.00	63	933	51.1	21	68.0	49	519	28.4	30	240	47	106	5.8
4	6.10	120	1655	90.6	13	22.00	43	870	47.6	22	79.0	34	470	25.7	31	280	33	59	3.2
5	7.10	177	1535	84.1	14	25.00	57	827	45.3	23	91.0	15	436	23.9	32	320	16	26	1.4
6	8.10	132	1358	74.4	15	29.00	53	770	42.2	24	100.0	60	421	23.1	33	370	8	10	.5
7	9.40	51	1226	67.1	16	34.00	40	717	39.3	25	120.0	57	361	19.8	34	430	2	2	.1
8	11.00	57	1175	64.3	17	39.00	41	677	37.1	26	140.0	44	304	16.6					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH ST. VRAIN CREEK NEAR ALLENS PARK, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1926	431.0	2	413.0	2	380.0	2	350.0	1	297.0	1	265.0	1	214.0	1	176.0	1	123.0	1
1927	379.0	3	364.0	3	330.0	3	302.0	2	268.0	2	210.0	4	184.0	4	153.0	4	110.0	4
1928	433.0	1	419.0	1	381.0	1	302.0	3	262.0	3	256.0	2	206.0	2	169.0	2	117.0	2
1929	300.0	5	283.0	4	270.0	4	258.0	4	241.0	4	222.0	3	190.0	3	162.0	3	117.0	3
1930	302.0	4	265.0	5	216.0	5	212.0	5	182.0	5	152.0	5	147.0	5	128.0	5	96.0	5

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH ST. VRAIN CREEK NEAR ALLENS PARK, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1927	6.00	2	6.30	4	6.60	4	6.70	4	6.90	4	7.00	4	7.10	4	7.40	3	9.40	1
1928	6.00	3	6.00	2	6.00	2	6.00	2	6.00	2	6.00	2	6.30	2	7.00	2	11.00	2
1929	6.00	4	6.00	3	6.00	3	6.00	3	6.00	3	6.00	3	6.90	3	7.60	4	11.00	3
1930	4.00	1	4.00	1	4.00	1	4.00	1	4.00	1	4.70	1	5.60	1	6.20	1	13.00	4

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
23	15	9.3	7.0	6.2	7.6	17	102	240	180	92	43
71	4.6	2.4	1.5	2.2	1.9	72	903	1760	1650	556	448
8.4	2.1	1.6	1.2	1.5	1.4	8.5	30	42	41	24	21
0.42	1.2	1.4	1.2	-0.56	-0.43	0.95	0.27	-0.51	-1.1	0.59	1.2
0.37	0.14	0.17	0.17	0.24	0.18	0.48	0.29	0.17	0.23	0.26	0.49
3.1	2.0	1.2	0.95	0.84	1.0	2.4	14	32	24	12	5.8

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.3	1.2	0.96	0.84	0.78	0.87	1.2	2.0	2.4	2.2	2.0	1.6
0.03	0.00	0.00	0.01	0.01	0.01	0.04	0.02	0.01	0.01	0.01	0.04
0.17	0.06	0.07	0.07	0.11	0.08	0.21	0.13	0.08	0.11	0.11	0.20
-0.70	0.96	1.1	0.98	-1.1	-0.70	0.38	0.13	-0.95	-1.4	0.24	0.54
0.13	0.05	0.07	0.09	0.15	0.09	0.17	0.06	0.03	0.05	0.06	0.13
7.7	6.8	5.6	4.9	4.5	5.0	6.9	12	14	13	11	9.2

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
62	26	5.1	-0.68	0.08	-0.445

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.8	0.00	0.04	-0.75	0.02	-0.438

06722000 NORTH ST. VRAIN CREEK AT LONGMONT DAM, NEAR LYONS, COLO.

LOCATION.--Lat 40°13'30", long 105°21'00", in sec.16, T.3 N., R.71 W., Boulder County, on right bank 0.7 mi (1.1 km) upstream from Longmont Dam and 4.2 mi (6.8 km) west of Lyons.

DRAINAGE AREA.--106 mi² (275 km²).

REMARKS.--Diversions above station for irrigation of about 300 acres (1.21 km²). Flow partly regulated by small reservoirs above station.

06722000 NORTH ST. VRAIN CREEK AT LONGMONT DAM, NEAR LYONS, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
N ST. VRAIN CREEK AT LONGMONT DAM, NR LYONS, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR															NUMBER OF DAYS IN CLASS																				
1926											59	62			11	31	28	20	10	6	2	15	9	20	5	5	20	30	14	2	11	2	3		
1927						1	2	31	35	36	18	16	8	14	21	10	13	11	16	3	3	14	8	14	12	19	23	14	12	9	2				
1928								1		20	39	18	18	12	15	53	32	24	7	6	7	3	13	6	1	6	10	18	14	25	7	3	4	4	
1929								7	44	40	16	20	11	15	25	16	5	14	4	4	5	6	15	18	16	9	18	16	16	21	4				
1930								5	7	51	29	17	9	18	13	7	13	15	13	14	25	18	15	10	24	22	13	13	12	1	1				
1931					5	10	13	51	12	20	10	15	21	27	23	25	5	10	12	9	10	9	17	9	4	5	13	6	11	8	2	3			
1932			2		9	23	20	22	19	29	13	6	13	24	34	9	12	8	19	10	8	3	9	10	8	13	13	13	11	5	1				
1933					1	7	9	48	30	25	13	19	21	20	17	2	4	14	16	7	9	11	5	7	14	4	9	10	9	8	9	10	7		
1934								7	4	46	45	34	20	24	6	14	34	24	19	6	10	11	13	3	7	4	11	5	16	1	1				
1935						1	12	53	49	38	6	19	7	11	16	12	11	7	9	9	11	8	5	7	7	4	12	12	16	7	10	4	1	1	
1936							2	7	41	46	26	17	11	16	28	6	7	7	2	4	9	4	4	13	13	18	20	10	15	16	12	12			
1937			7	5	4	10	17	30	19	14	25	15	11	26	20	8	7	14	14	19	9	13	6	5	7	12	15	16	9	3	4	1			
1938					1	10	21	23	38	26	17	26	21	7	3	2		4	3	9	13	29	9	12	19	17	7	7	7	16	16		2		
1939					1			7	34	33	43	18	7	20	27	15	28	13	13	12	8	20	6	19	15	8	11	6	1						
1940		2	4	1	2	11	27	52	41	21	15	11	9	8	12	20	19	15	8	5	9	16	9	9	19	8	12	1							
1941					1	2	9	60	13	21	20	11	21	7	6	11	12	7	19	24	18	8	7	7	13	16	13	10	20	4	3	1		1	
1942					1		1	7	52	27	27	12	8	11	22	17	17	17	13	6	12	11	10	5	4	7	8	24	15	13	11	6	1		
1943								1	11	31	34	43	15	13	6	11	16	9	19	15	16	17	12	12	18	16	8	8	6	7	12	9			
1944							5	27	55	27	20	37	22	8	4	6	13	6	7	5	14	8	13	8	3	5	10	10	11	19	22	1			
1945			2			1	1	7	52	26	45	44	12	8	1	2		1	10	5	8	14	8	6	9	20	26	15	18	13	3	3	4	1	
1946							1	13	71	34	14	4	7	9	21	25	13	7	11	19	22	17	27	8	12	9	6	1	7	6	1				
1947										28	62			33	5	25	31	12	13	5	8	14	17	7	4	13	20	9	10	11	11	13	7	4	2	1
1948								10	31	16	20	24	21	25	10	19	25	26	18	6	10	20	17	10	9	11	5	4	7	10	10	2			
1949								90		33	7	27	12	13	12	13	8	8	16	8	3	9	7	17	11	4	10	8	5	5	12	7	8	10	1	1
1950									8	24	56	41	32	14	16	16	22	23	20	10	5	7	7	6	6	6	12	10	6	8	9	1			
1951						1	2	28	33	35	9	12	5	7	32	15	39	5	8	4	1	9	19	11	4	4	10	11	7	21	12	12	3	4	2
1952											93	12	3	33	14	16	22	16	10	10	2	11	6	7	13	12	14	11	18	19	8	5	11		
1953								5	35	28	45	18	31	27	18	8	9	16	8	16	14	7	16	7	9	8	6	6	13	4	6	4	1		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	10227	100.0	9	13.00	758	8011	78.3	18	59.0	264	3702	36.2	27	270	346	1043	10.1
1	3.20	2	10227	100.0	10	15.00	631	7253	70.9	19	70.0	274	3438	33.6	28	320	273	697	6.8
2	3.90	15	10225	100.0	11	18.00	492	6622	64.8	20	83.0	280	3164	30.9	29	380	187	424	4.1
3	4.60	22	10210	99.8	12	21.00	436	6130	59.9	21	98.0	369	2884	28.2	30	450	135	237	2.3
4	5.50	55	10188	99.6	13	25.00	422	5694	55.7	22	120.0	252	2515	24.6	31	540	64	102	.9
5	6.50	107	10133	99.1	14	30.00	411	5272	51.5	23	140.0	281	2263	22.1	32	640	31	38	.3
6	7.70	538	10026	98.0	15	35.00	434	4861	47.5	24	160.0	299	1982	19.4	33	750	5	7	
7	9.10	659	9488	92.8	16	42.00	376	4427	43.3	25	190.0	347	1683	16.5	34	890	2	2	
8	11.00	818	8829	86.3	17	50.00	349	4051	39.6	26	230.0	293	1336	13.1					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
N ST. VRAIN CREEK AT LONGMONT DAM, NR LYONS, CO.

YEAR	1		3		7		15		30		60		90		120		183		ANNUAL	
1926	671.0	6	644.0	5	575.0	6	530.0	6	427.0	11	365.0	9	326.0	7	283.0	6	208.0	6	118.0	2
1927	413.0	21	384.0	21	355.0	22	330.0	22	300.0	21	255.0	21	227.0	18	200.0	17	148.0	16	82.0	16
1928	705.0	5	696.0	4	647.0	4	518.0	9	434.0	9	382.0	5	330.0	6	274.0	8	194.0	10	109.0	9
1929	403.0	23	384.0	22	377.0	21	355.0	20	337.0	19	296.0	16	265.0	14	233.0	14	174.0	12	95.0	12
1930	394.0	24	358.0	25	289.0	27	272.0	26	244.0	26	204.0	25	201.0	22	176.0	20	138.0	19	81.0	17
1931	522.0	17	483.0	17	433.0	16	366.0	19	317.0	20	248.0	22	199.0	23	165.0	23	117.0	23	66.0	23
1932	392.0	25	372.0	23	343.0	23	315.0	24	288.0	23	235.0	23	195.0	24	162.0	24	117.0	24	65.0	24
1933	635.0	12	582.0	10	537.0	10	523.0	7	465.0	6	363.0	10	292.0	12	237.0	13	169.0	14	91.0	14
1934	385.0	26	354.0	26	313.0	25	299.0	25	274.0	24	205.0	24	164.0	26	136.0	27	100.0	27	59.0	27
1935	665.0	7	600.0	8	512.0	12	462.0	13	383.0	13	321.0	14	259.0	15	212.0	15	149.0	15	81.0	18
1936	536.0	16	526.0	13	514.0	11	473.0	10	429.0	10	361.0	11	316.0	8	278.0	7	204.0	7	109.0	10
1937	578.0	14	484.0	16	424.0	19	369.0	18	352.0	17	296.0	15	243.0	16	202.0	16	147.0	17	82.0	15
1938	718.0	4	568.0	11	498.0	13	471.0	11	456.0	8	366.0	8	297.0	10	258.0	10	204.0	8	110.0	8
1939	323.0	27	302.0	27	290.0	26	256.0	27	238.0	27	197.0	26	168.0	25	144.0	25	108.0	25	64.0	25
1940	272.0	28	265.0	28	252.0	28	216.0	28	212.0	28	179.0	28	154.0	28	127.0	28	95.0	28	53.0	28
1941	663.0	8	523.0	14	426.0	18	349.0	21	294.0	22	260.0	20	228.0	17	192.0	18	144.0	18	79.0	19
1942	649.0	9	596.0	9	554.0	9	537.0	5	482.0	4	383.0	4	347.0	4	292.0	4	210.0	4	116.0	3
1943	606.0	13	564.0	12	550.0	8	522.0	8	465.0	7	377.0	7	310.0	9	263.0	9	194.0	9	111.0	6
1944	470.0	18	452.0	18	437.0	15	402.0	15	371.0	14	353.0	12	295.0	11	243.0	12	173.0	13	93.0	13
1945	645.0	10	635.0	6	570.0	7	465.0	12	399.0	12	329.0	13	283.0	13	253.0	11	187.0	11	100.0	11
1946	405.0	22	360.0	24	324.0	24	319.0	23	253.0	25	193.0	27	160.0	27	140.0	26	106.0	26	61.0	26
1947	902.0	1	849.0	1	764.0	1	669.0	2	578.0	2	449.0	1	381.0	1	322.0	1	234.0	1	129.0	1
1948	469.0	19	441.0	20	420.0	20	401.0	17	357.0	15	267.0	17	215.0	19	181.0	19	131.0	20	76.0	20
1949	892.0	2	782.0	2	697.0	3	684.0	1	594.0	1	447.0	2	360.0	2	296.0	2	208.0	5	110.0	7
1950	460.0	20	448.0	19	430.0	17	402.0	16	341.0	18	264.0	19	207.0	21	168.0	22	122.0	22	70.0	22
1951	780.0	3	760.0	3	710.0	2	603.0	3	497.0	3	427.0	3	357.0	3	296.0	3	211.0	2	114.0	5
1952	635.0	11	624.0	7	610.0	5	564.0	4	478.0	5	378.0	6	336.0	5	289.0	5	210.0	3	115.0	4
1953	554.0	15	521.0	15	471.0	14	422.0	14	354.0	16	266.0	18	211.0	20	175.0	21	127.0	21	71.0	21

06722000 NORTH ST. VRAIN CREEK AT LONGMONT DAM, NEAR LYONS, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
N ST. VRAIN CREEK AT LONGMONT DAM, NR LYONS, CO.

YEAR	1		3		7		14		30		60		90		120		183		ANNUAL	
1927	6.00	10	7.70	11	8.70	13	9.10	16	9.60	17	9.70	14	10.00	13	11.00	12	15.00	11	112.00	22
1928	9.00	24	11.00	25	11.00	24	12.00	25	12.00	25	13.00	26	14.00	26	17.00	27	23.00	24	86.00	13
1929	8.50	23	8.70	19	9.20	18	9.50	18	9.60	18	10.00	18	11.00	17	11.00	13	16.00	15	105.00	19
1930	8.10	20	8.20	15	9.20	19	10.00	19	11.00	19	11.00	19	12.00	20	13.00	18	23.00	25	98.00	16
1931	4.80	6	4.90	4	5.30	2	5.60	2	6.50	3	7.40	2	7.90	2	9.00	2	15.00	12	76.00	9
1932	4.00	2	4.70	3	5.30	3	5.60	3	5.80	1	6.50	1	7.50	1	8.30	1	12.00	1	65.00	5
1933	5.00	7	5.70	5	5.90	4	6.50	4	7.30	4	8.10	5	8.80	4	9.70	6	13.00	6	65.00	6
1934	8.00	19	8.70	20	10.00	22	11.00	22	11.00	20	12.00	20	12.00	21	13.00	19	17.00	16	93.00	14
1935	6.00	11	6.70	7	7.90	8	8.30	9	8.70	10	9.00	8	9.20	8	9.50	5	12.00	2	56.00	2
1936	7.60	16	8.40	17	8.80	14	9.00	14	9.50	16	9.90	15	11.00	18	11.00	14	15.00	13	82.00	12
1937	4.00	3	4.20	2	4.30	1	5.10	1	6.20	2	7.70	3	8.80	5	11.00	15	16.00	14	110.00	20
1938	6.20	12	7.00	9	7.30	7	7.60	6	8.20	7	9.40	11	10.00	14	11.00	16	14.00	8	81.00	10
1939	6.40	13	9.90	23	11.00	25	11.00	23	11.00	21	12.00	21	13.00	22	14.00	23	20.00	21	112.00	21
1940	3.30	1	4.00	1	6.70	5	7.00	5	7.40	5	8.40	6	8.80	6	9.20	3	12.00	3	60.00	3
1941	4.70	5	6.50	6	7.30	6	7.80	7	8.20	8	8.40	7	8.80	7	9.80	7	15.00	9	55.00	1
1942	5.60	8	10.00	24	10.00	23	11.00	24	11.00	22	12.00	22	12.00	19	13.00	20	21.00	22	82.00	11
1943	9.50	26	12.00	26	13.00	26	13.00	26	14.00	27	14.00	27	15.00	27	16.00	26	28.00	27	119.00	26
1944	7.20	14	7.70	10	8.00	9	8.40	10	8.70	9	9.20	9	9.40	9	10.00	8	13.00	7	103.00	18
1945	4.40	4	6.90	8	8.00	10	8.60	11	8.90	11	9.40	10	10.00	10	11.00	9	12.00	4	93.00	15
1946	7.50	15	8.00	12	8.90	16	9.10	15	9.30	14	9.60	13	10.00	11	11.00	10	17.00	17	102.00	17
1947	8.40	21	8.90	21	9.40	20	10.00	20	12.00	23	13.00	23	13.00	23	15.00	24	23.00	26	65.00	4
1948	8.50	22	8.50	18	8.50	12	8.80	12	9.20	13	10.00	16	11.00	15	13.00	21	22.00	23	128.00	27
1949	8.00	17	8.00	13	8.00	11	8.00	8	8.00	6	8.00	4	8.30	3	9.20	4	12.00	5	72.00	8
1950	9.20	25	9.60	22	10.00	21	11.00	21	12.00	24	13.00	24	13.00	24	14.00	22	17.00	18	113.00	23
1951	5.60	9	8.30	16	9.00	17	9.00	13	9.10	12	9.50	12	10.00	12	11.00	11	17.00	19	69.00	7
1952	13.00	27	13.00	27	13.00	27	13.00	27	13.00	26	13.00	25	14.00	25	15.00	25	20.00	20	116.00	25
1953	8.00	18	8.20	14	8.80	15	9.20	17	9.50	15	10.00	17	11.00	16	12.00	17	15.00	10	113.00	24

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
32	21	14	11	11	14	63	206	360	195	95	52
126	55	13	7.3	4.7	15	1590	4780	11400	3930	1760	813
11	7.4	3.6	2.7	2.2	3.9	40	69	107	63	42	29
0.86	0.89	0.71	0.38	0.52	1.0	1.5	0.24	0.04	0.17	0.91	2.7
0.35	0.34	0.26	0.25	0.21	0.28	0.64	0.34	0.30	0.32	0.44	0.55
3.0	2.0	1.3	1.00	0.98	1.3	5.8	19	34	18	8.9	4.8

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.5	1.3	1.1	1.0	1.0	1.1	1.7	2.3	2.5	2.3	1.9	1.7
0.02	0.02	0.01	0.01	0.01	0.01	0.06	0.02	0.02	0.02	0.03	0.03
0.15	0.14	0.11	0.11	0.09	0.11	0.25	0.16	0.14	0.15	0.18	0.18
0.06	0.23	0.09	-0.30	0.29	0.69	0.32	-0.43	-0.71	-0.66	0.34	1.1
0.10	0.11	0.10	0.11	0.09	0.10	0.14	0.07	0.06	0.07	0.09	0.11
7.6	6.7	5.8	5.2	5.2	5.8	8.8	12	13	12	10.0	8.6

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
90	470	22	0.03	0.24	-0.128

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.9	0.01	0.11	-0.26	0.06	-0.081

06722500 SOUTH ST. VRAIN CREEK NEAR WARD, COLO.

LOCATION.--Lat 40°05'27", long 105°30'50", in NE¼SW¼ sec.36, T.2 N., R.73 W., Boulder County, on left bank at downstream side of bridge, 1.3 mi (2.1 km) north of Ward, and 3.5 mi (5.6 km) downstream from Brainard Lake.

DRAINAGE AREA.--14.4 mi^2 (37.3 km^2).

REMARKS.--No diversion above station. Slight regulation by several small lakes above station.

06722500 SOUTH ST. VRAIN CREEK NEAR WARD, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH ST. VRAIN CREEK NEAR WARD, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR															NUMBER OF DAYS IN CLASS																				
1926										28		62	31		30	4	66	4	9	2	12	9	2	1	5	8	30	9	17	9	14	9	2	2
1927									31	89		31	6	5	41	4	5		6	19	8	4	23	9	10	6	28	7	10	7	8	8			
1929									59	31		31	30		30	31			2	25	5	10	5	5	9	14	15	16	11	17	16	2	1		
1930									59	31			31	2	49	21	19	14	36	8	4	10	7	7	12	15	15	15	6	2	2				
1931					131			7	8	41		11	5	17	27	9	2	4	3	12	8	11	6	6	11	6	3	13	13	10	1				
1955		5	29	48	25	7	8	15	21	8	9	10	8	6	7	5	11	8	12	17	19	14	21	7	6	7	12	14	5	1					
1956				11	51	36	30	46	19	3	6	9	6	10	5	3	4	18	10	9	14	9	7	7	7	3	10	3	6	10	10	4			
1957					31	90	35	20	17	3	2	1	1	7	4	14	16	10	7	10	3	2	4	9	10	2	7	7	12	10	8	12	6	5	
1958							31	61	62	11	7	20	10	9	10	14	12	4	1	9	26	8	7	15	4	6	1	11	6	1	9	4	6		
1959		28	20	42	31	33	4	11	7	8	8	4	4	9	7	10	24	12	6	14	4	5	3	10	15	8	4	9	2	4	9	9	1		
1960				64	1	33	1	16	7	20	14	20	17	6	12	9	14	9	10	13	11	13	8	16	6	6	9	12	2	4	12	1			
1961					28	64	8	60	8	32	9	8	2	2				1		22	17	17	14	16	9	7	4	6	17	7	5	1	1		
1962							1	33	32	31	28	10	3	15	10	16	8	22	20	14	12	26	20	10	14	8	4	4	10	6	7		1		
1963					30	39	29	34	35	16	8	7	6		4	5	6	6	6	14	12	13	26	14	18	16	7	7	5		1	1		
1964				6	64	39	31	9	10	9	12	12	7	23	10	10	8	10	10	7	6	3	8	13	12	9	22	9	6	1					
1965				1	43	99	12	6	4	9	7	10	3	9	8	23	11	12	3	3	5	7	13	10	9	2	4	4	5	5	15	13	6	3	1
1966			1	38	27	16	9	16	15	30	23	8	18	16	14	11	15	7	6	6	15	27	19	13	11	4									
1967		2	5	6	53	20	15	11	46	25	12	6	11	8	2	7	5	19	9	12	18	5	5	9	11	7	9	13	10	3	1				
1968						7	88	18	29	6	24	18	10	6	12	12	20	17	10	7	3	5	10	9	10	9	12	6	9	4	5				
1969					35	73	26	7	14	5	6	13	10	6	10	10	7	8	5	10	8	19	11	5	9	9	10	14	9	4	9	8	5		
1970						1	14	64	84	8	8	9	9	3	8	9	18	8	13	12	8	4	8	8	8	10	8	15	6	8	9	5			
1971							21	94	12	15	14	10	9	16	6	9	10	24	13	10	11	14	5	8	5	6	10	22	5	1	1	7	7		
1972						26	37	29	22	23	17	12	20	18	15	14	7	3	3	11	29	22	14	4	4	5	5	6	5	2	7	5		1	
1973			1	14	73	29		19	5	13	19	22	17	8	2	7	7	2	12	6	9	9	15	7	17	6	6	10	3	10	2	5	6	4	

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	8765	100.0	9	4.30	495	5627	64.2	18	20.0	212	2983	34.0	27	90	232	841	9.5
1	1.10	35	8765	100.0	10	5.10	233	5132	58.6	19	23.0	272	2771	31.6	28	110	180	609	6.9
2	1.30	56	8730	99.6	11	6.00	344	4899	55.9	20	28.0	267	2499	28.5	29	130	126	429	4.8
3	1.50	230	8674	99.0	12	7.10	274	4555	52.0	21	33.0	266	2232	25.5	30	150	151	303	3.4
4	1.80	623	8444	96.3	13	8.40	201	4281	48.8	22	39.0	261	1966	22.4	31	180	94	152	1.7
5	2.20	612	7821	89.2	14	10.00	323	4080	46.5	23	46.0	218	1705	19.5	32	210	42	58	.6
6	2.60	400	7209	82.2	15	12.00	257	3757	42.9	24	54.0	232	1487	17.0	33	250	15	16	.1
7	3.00	576	6809	77.7	16	14.00	295	3500	39.9	25	64.0	179	1255	14.3	34	300	1	1	
8	3.60	606	6233	71.1	17	17.00	222	3205	36.6	26	76.0	235	1076	12.3					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH ST. VRAIN CREEK NEAR WARD, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1926	282.0	3	265.0	4	225.0	4	195.0	5	169.0	4	148.0	3	125.0	2	108.0	1	77.0	1
1927	195.0	14	189.0	13	188.0	10	170.0	10	150.0	11	121.0	8	102.0	7	86.0	6	63.0	5
1929	210.0	12	200.0	10	179.0	12	163.0	12	155.0	7	133.0	4	117.0	4	100.0	3	72.0	2
1930	156.0	20	138.0	20	120.0	21	118.0	19	101.0	20	85.0	20	75.0	17	61.0	18	46.0	16
1931	152.0	21	145.0	19	137.0	18	132.0	18	121.0	17	95.0	16	76.0	16	62.0	17	43.0	18
1955	134.0	23	127.0	23	119.0	22	112.0	21	97.0	21	78.0	22	64.0	22	54.0	23	40.0	21
1956	199.0	13	194.0	12	183.0	11	166.0	11	151.0	10	109.0	12	84.0	13	68.0	13	48.0	14
1957	296.0	2	279.0	2	263.0	2	236.0	1	202.0	1	163.0	1	130.0	1	104.0	2	71.0	3
1958	245.0	6	225.0	6	209.0	6	191.0	6	161.0	5	114.0	10	88.0	10	72.0	10	50.0	11
1959	215.0	9	211.0	9	194.0	9	183.0	7	155.0	8	111.0	11	88.0	11	70.0	11	48.0	12
1960	191.0	15	175.0	15	163.0	15	154.0	14	133.0	14	99.0	14	80.0	14	65.0	14	47.0	15
1961	210.0	10	196.0	11	164.0	14	149.0	15	131.0	15	104.0	13	84.0	12	70.0	12	51.0	10
1962	210.0	11	175.0	16	158.0	16	148.0	16	126.0	16	94.0	17	77.0	15	65.0	15	48.0	13
1963	186.0	16	152.0	18	128.0	19	110.0	22	92.0	22	76.0	23	64.0	23	57.0	20	42.0	19
1964	145.0	22	130.0	22	117.0	23	106.0	23	91.0	23	81.0	21	68.0	21	55.0	22	39.0	23
1965	328.0	1	296.0	1	265.0	1	223.0	2	199.0	2	162.0	2	124.0	3	99.0	4	68.0	4
1966	70.0	24	65.0	24	64.0	24	57.0	24	54.0	24	47.0	24	42.0	24	36.0	24	26.0	24
1967	167.0	19	132.0	21	123.0	20	116.0	20	104.0	19	86.0	19	69.0	20	57.0	21	40.0	22
1968	172.0	18	167.0	17	157.0	17	139.0	17	118.0	18	91.0	18	73.0	19	59.0	19	41.0	20
1969	223.0	8	221.0	8	195.0	8	172.0	9	155.0	9	131.0	5	105.0	5	88.0	5	62.0	6
1970	184.0	17	177.0	14	173.0	13	161.0	13	143.0	12	116.0	9	94.0	9	76.0	9	53.0	9
1971	243.0	7	233.0	5	224.0	5	209.0	3	159.0	6	122.0	7	96.0	8	78.0	8	55.0	8
1972	255.0	5	224.0	7	201.0	7	178.0	8	140.0	13	96.0	15	74.0	18	63.0	16	45.0	17
1973	280.0	4	276.0	3	251.0	3	198.0	4	176.0	3	131.0	6	103.0	6	85.0	7	59.0	7

06722500 SOUTH ST. VRAIN CREEK NEAR WARD, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH ST. VRAIN CREEK NEAR WARD, CO.

YEAR	1	3	7	14	30	60	90	120	183
1927	4.00 20	4.00 20	4.00 20	4.00 20	4.00 20	4.20 21	4.30 20	4.50 19	5.80 19
1930	4.00 21	4.00 21	4.00 21	4.00 21	4.00 21	4.00 20	4.30 21	5.30 21	8.10 20
1931	2.00 13	2.00 13	2.00 10	2.00 10	2.00 10	2.00 7	2.00 6	2.00 2	3.30 3
1956	1.60 7	1.70 7	1.70 6	1.70 6	1.90 7	2.00 8	2.10 8	2.30 7	2.80 1
1957	1.90 11	1.90 10	2.00 11	2.00 11	2.10 11	2.30 13	2.30 12	2.40 10	3.40 4
1958	2.40 15	2.50 17	2.60 16	2.70 16	2.80 16	2.90 16	3.00 16	3.30 17	5.10 17
1959	1.10 1	1.10 1	1.10 1	1.10 1	1.10 1	1.30 1	1.40 1	1.50 1	3.60 7
1960	1.50 5	1.50 4	1.50 4	1.50 2	1.50 2	1.50 2	1.80 2	2.10 3	4.10 12
1961	2.00 12	2.00 11	2.00 12	2.00 12	2.00 8	2.10 9	2.20 9	2.40 11	3.10 2
1962	2.90 19	3.00 19	3.00 19	3.00 19	3.50 19	3.80 19	4.20 19	4.60 20	8.20 21
1963	1.80 9	1.80 8	1.90 9	1.90 8	2.00 9	2.20 12	2.30 13	2.50 13	3.50 5
1964	1.60 6	1.60 6	1.70 7	1.80 7	1.80 5	1.90 6	2.00 7	2.10 4	3.80 10
1965	1.70 8	1.80 9	1.90 8	2.00 9	2.10 12	2.10 10	2.20 10	2.20 5	3.60 8
1966	1.40 4	1.50 5	1.50 5	1.50 3	1.60 3	1.70 3	1.90 3	2.40 12	4.10 13
1967	1.20 2	1.20 2	1.30 2	1.50 4	1.70 4	1.90 4	2.00 4	2.30 8	3.50 6
1968	2.40 16	2.50 18	2.60 17	2.60 15	2.70 15	2.70 15	2.70 14	3.00 14	4.80 14
1969	1.90 10	2.00 12	2.10 13	2.10 13	2.10 13	2.20 11	2.20 11	2.30 9	3.90 11
1970	2.40 17	2.40 15	2.50 15	2.90 17	3.30 18	3.40 18	3.40 18	3.50 18	4.80 15
1971	2.40 18	2.50 16	2.70 18	2.90 18	3.00 17	3.10 17	3.10 17	3.20 16	5.40 18
1972	2.20 14	2.20 14	2.20 14	2.20 14	2.40 14	2.50 14	2.80 15	3.10 15	5.00 16
1973	1.40 3	1.50 3	1.50 3	1.70 5	1.90 6	1.90 5	2.00 5	2.20 6	3.70 9

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
10	5.3	3.6	2.8	2.6	2.9	6.5	40	124	81	39	19
12	4.6	3.0	1.4	1.1	1.5	18	389	784	1270	201	41
3.5	2.2	1.7	1.2	1.0	1.2	4.2	20	28	36	14	6.4
0.98	1.3	1.4	1.2	0.78	1.4	2.0	1.1	-0.81	1.1	1.7	0.86
0.34	0.41	0.48	0.42	0.40	0.42	0.65	0.49	0.23	0.44	0.37	0.34
3.0	1.6	1.1	0.84	0.78	0.87	1.9	12	37	24	11	5.6

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.98	0.69	0.52	0.42	0.39	0.44	0.75	1.6	2.1	1.9	1.6	1.3
0.02	0.03	0.03	0.03	0.03	0.03	0.05	0.04	0.01	0.03	0.02	0.02
0.15	0.16	0.18	0.17	0.17	0.16	0.23	0.20	0.12	0.18	0.14	0.15
-0.39	0.60	0.67	0.47	0.11	0.66	0.88	0.13	-1.5	0.18	0.75	-0.08
0.15	0.23	0.35	0.40	0.43	0.37	0.30	0.13	0.06	0.10	0.09	0.12
7.9	5.5	4.2	3.4	3.1	3.5	6.0	12	17	15	12	10

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
28	42	6.5	0.49	0.23	0.161

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.4	0.01	0.10	-0.20	0.07	0.140

06723000 MIDDLE ST. VRAIN CREEK NEAR ALLENS PARK, COLO.

LOCATION.--Lat 40°10'00", long 105°26'38", in NW¼ sec.3, T.2 N., R.72 W., Boulder County, 1.7 mi (2.7 km) downstream from Cave Creek and 4.6 mi (7.4 km) southeast of Allens Park.

DRAINAGE AREA.--28.0 mi² (72.5 km²).

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MIDDLE ST. VRAIN CREEK NEAR ALLENS PARK, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1926							59	31	31		35	4	37	5	5		29	2	5	2	6	3	5	13	9	9	7	14	6	12	8	6	14	5	3
1927			1	18	96	17	26	8	14	1	4	6	6	5	15	7	6	6	1	7	7	4	7	10	14	12	9	25	21	12					
1928		1	1	3	37	7	33	31	8	4	33	47	23	9	4	3	1	3	3	2	4	16	5	4	4	4	7	26	19	12	3	3	6		
1929		31		28	31		61	6	11	4	13	24		2	6	4	2	3	4	8	9	8	12	10	4	5	7	16	12	17	22	4	1		
1930				59				62				10	30		23	8	18	7	16	13	16	20	18	14	6	11	7	4	12	9	2				

06723000 MIDDLE ST. VRAIN CREEK NEAR ALLENS PARK, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MIDDLE ST. VRAIN CREEK NEAR ALLENS PARK, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1826	100.0	9	9.10	9	1115	61.1	18	32.0	29	661	36.2	27	110	85	294	16.1
1	3.00	32	1826	100.0	10	10.00	85	1106	60.6	19	36.0	32	632	34.6	28	130	70	209	11.4
2	3.40	2	1794	98.2	11	12.00	91	1021	55.9	20	42.0	42	600	32.9	29	150	62	139	7.6
3	4.00	108	1792	98.1	12	14.00	96	930	50.9	21	48.0	51	558	30.6	30	170	35	77	4.2
4	4.50	164	1684	92.2	13	16.00	21	834	45.7	22	55.0	47	507	27.8	31	190	13	42	2.3
5	5.20	24	1520	83.2	14	18.00	53	813	44.5	23	63.0	51	460	25.2	32	220	21	29	1.5
6	6.00	179	1496	81.9	15	21.00	22	760	41.6	24	73.0	37	409	22.4	33	250	5	8	.4
7	6.90	138	1317	72.1	16	24.00	56	738	40.4	25	84.0	41	372	20.4	34	290	3	3	.1
8	7.90	64	1179	64.6	17	28.00	21	682	37.3	26	96.0	37	331	18.1					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MIDDLE ST. VRAIN CREEK NEAR ALLENS PARK, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1926	312.0	1	298.0	1	275.0	1	259.0	1	235.0	1	191.0	1	159.0	1	136.0	1	97.0	1
1927	165.0	5	159.0	5	151.0	5	150.0	5	140.0	4	133.0	4	118.0	4	103.0	4	75.0	4
1928	245.0	2	239.0	2	230.0	2	197.0	2	166.0	3	151.0	3	133.0	3	111.0	3	78.0	3
1929	224.0	3	214.0	3	199.0	3	186.0	3	179.0	2	154.0	2	142.0	2	121.0	2	87.0	2
1930	170.0	4	162.0	4	152.0	4	150.0	4	137.0	5	106.0	5	94.0	5	82.0	5	63.0	5

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MIDDLE ST. VRAIN CREEK NEAR ALLENS PARK, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1927	3.90	3	4.00	4	4.30	4	4.50	3	4.60	3	4.70	3	4.80	2	5.00	2	5.60	1
1928	3.20	2	3.60	2	4.20	3	4.50	4	4.60	4	5.00	4	5.40	4	6.00	4	8.00	3
1929	3.00	1	3.00	1	3.00	1	3.00	1	3.00	1	3.50	1	4.00	1	4.50	1	5.60	2
1930	4.00	4	4.00	3	4.00	2	4.00	2	4.00	2	4.10	2	5.00	3	5.50	3	11.00	4

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
14	9.5	6.6	5.1	4.7	5.8	24	105	161	106	61	22
50	15	1.3	0.78	0.68	2.8	113	1150	1120	491	320	121
7.1	3.9	1.1	0.88	0.83	1.7	11	34	33	22	18	11
1.5	0.50	-0.40	-0.09	1.1	-1.6	0.18	-0.07	0.89	-1.5	1.7	1.7
0.51	0.41	0.17	0.17	0.18	0.29	0.44	0.32	0.21	0.21	0.29	0.49
2.7	1.8	1.3	0.97	0.90	1.1	4.6	20	31	20	12	4.3

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.1	0.95	0.81	0.70	0.67	0.75	1.3	2.0	2.2	2.0	1.8	1.3
0.04	0.03	0.01	0.01	0.01	0.02	0.04	0.02	0.01	0.01	0.01	0.04
0.20	0.18	0.08	0.08	0.07	0.16	0.20	0.15	0.09	0.10	0.12	0.19
0.77	0.01	-0.71	-0.27	0.82	-1.9	-0.18	-0.26	0.69	-1.7	1.2	1.1
0.18	0.19	0.10	0.11	0.11	0.21	0.15	0.07	0.04	0.05	0.07	0.14
7.1	6.1	5.2	4.5	4.3	4.8	8.6	13	14	13	11	8.4

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
44	36	6.0	0.58	0.14	-0.493

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.6	0.00	0.06	0.34	0.04	-0.497

06724000 ST. VRAIN CREEK AT LYONS, COLO.

LOCATION.--Lat 40°13'05", long 105°15'34", in NW¼NW¼ sec.20, T.3 N., R.70 W., Boulder County, on left bank 75 ft (23 m) southwest of State Highways 7 and 66 at southeast edge of Lyons, 400 ft (120 m) upstream from St. Vrain Supply Canal, and 0.4 mi (0.6 km) downstream from confluence of North and South St. Vrain Creeks.

DRAINAGE AREA.--212 mi² (549 km²).

REMARKS.--Diversions above station for irrigation of about 20,000 acres (80.9 km²). Flow partly regulated by small diversions above station.

06724000 ST. VRAIN CREEK AT LYONS, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ST. VRAIN CREEK AT LYONS, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR															NUMBER OF DAYS IN CLASS																				
1896													1	1	5	29	93	1	34	3	5	7	10	26	22	67	28	24	9	1					
1897													1	3	1				59	92	3	18	8	18	4	41	14	23	33	24	18	5			
1898																3		5	103	73	3	18	22	18	45	13	16	25	10	11					
1899							4			1		5			59	61	32	20		3	7	9	5	14	17	19	15	19	22	16	17	20			
1900																	2	102	41	15	19	27	11	30	3	12	12	7	11	10	35	26	2		
1901												1					74	65	16	37	13	9	10	13	17	18	33	18	23	13	5				
1902												2			37	93	13	16	25	47	22	8	25	19	10	15	15	14	4						
1903																				17	15	131	54	23	14	32	23	17	12	13	7	7			
1905																	65	37	18	20	20	40	10	39	12	14	25	16	9	21	5	7	7		
1906																59	31		92		11	3	4	16	11	20	34	51	17	6	5	5			
1907																			59	31	40	36	35	20	7	25	10	20	16	29	27	10			
1908															3		15	110	24	13	17	15	24	18	17	31	41	24	9	4	1				
1909																			2	70	94	17	7	5	21	13	33	29	21	14	4	29	6		
1910															1		26	39	47	45	30	17	30	32	22	28	26	16	5	1					
1911										4		1	7	2	14	27	65	40	24	29	6	14	20	19	6	22	25	18	19	3					
1912											51		13	5	21	5	29	4	34	14	14	18	19	23	10	18	7	9	25	31	9	7			
1913																		71	78	19	12	10	17	55	21	28	25	18	11						
1914																			10	33	63	42	55	20	6	24	18	24	25	20	15	9	1		
1915															5	17	29	49	36	18	19	10	7	19	26	30	21	30	30	9	10				
1916																12	72	12	31	16	20	25	17	36	15	25	23	26	32	4					
1917														10	36	35	13	26	18	18	16	14	29	19	24	14	5	18	20	30	6	14			
1918														9	9	33	66	54	20	5	7	14	24	32	9	18	13	15	14	6	3	9	5		
1919													11	11	31	42	34	12	18	16	7	38	23	36	20	25	12	20	4	4		1			
1920												1	5	8	22	87	49	4	5	6	5	27	14	4	13	16	17	21	30	29	3				
1921										3	2	9		6		21	54	44	32	27	3	16	6	1	23	11	19	22	20	26	4	3	5	7	1
1922	2						1			12		11		15	13	18	45	64	24	16	7	17	20	24	24	7	13	13	16	3					
1923										1	4	1	1	4	33	69	29	27	12	3	2	11	14	18	16	18	17	9	17	33	15	9	2		
1924																	5	19	52	23	29	19	32	32	17	30	28	24	22	15	9	6	2	2	
1925														12	15	52	66	22	26	16	7	14	26	28	19	33	24	5							
1926																	2	14	72	27	46	31	27	4	11	11	27	13	34	26	17	3			
1927															14	60	79	17	9	5	3	10	18	21	24	23	25	33	20	4					
1928											5	2	4	4	2	13	69	43	49	17	13	11	13	5	13	14	12	20	34	11	10	2			
1929												1		8	35	39	33	45	30	6	5	12	10	19	22	20	18	25	34	3					
1930																14	95	16	19	16	13	11	30	33	21	48	18	15	11	4	1				
1931										3	3	9	10		18	58	45	23	23	25	19	22	13	23	19	6	3	20	16	7					
1932										17	22	11	5	17	32	34	20	25	32	10	14	25	12	6	7	13	19	18	15	11	1				
1933										5	8	4	5	36	44	37	30	27	8	7	14	16	15	11	10	7	16	9	20	15	19	2			
1934												1	7	6	11	42	40	58	35	33	23	27	6	11	12	10	5	14	16	8					
1935											7	4	4	28	74	51	22	3	11	14	13	15	17	13	7	12	9	8	18	26	6	3			
1936									2	6	4	1	2	16	47	20	41	22	30	3	1	20	15	9	6	22	29	19	10	30	11				
1937										1	4	15	7	11	12	16	65	12	18	26	20	22	30	16	11	13	15	29	16	3	2	1			
1938										3	12	3	14	28	16	14	43	24	29	5	4	12	5	14	15	21	31	20	16	22	11	2	1		
1939													2	2	5	12	74	21	27	31	37	29	11	24	22	27	12	13	16						
1940									6	12	13	18	12	31	31	22	19	18	13	11	23	32	18	11	12	18	20	18	8						
1941							1	2	12	8	8	20	20	30	16	14	13	2	11	7	26	24	41	13	14	12	9	17	33	11				1	
1942										1	1	4	1	5	17	31	42	11	30	25	28	17	22	11	8	20	5	18	14	25	22	7			
1943													1	7	5	27	41	44	14	11	25	22	11	22	29	27	19	14	21	14	10	1			
1944												1	29	50	35	26	11	28	15	12	14	12	12	10	9	18	23	29	22	10					
1945								6	10	13	17	11	38	26	15	28	19	13	2	3		11	21	5	14	21	32	21	25	8	6				
1946										2	15	9	7	23	37	29	19	20	30	10	12	25	17	30	28	21	12	8	6	5					
1947									3	2	3	3	5	11	14	38	12	10	11	19	43	36	21	19	9	15	12	19	12	10	23	11	2	2	
1948													5	5	10	26	44	36	30	30	34	23	21	12	24	15	16	6	14	14	1				
1949											5	3	41	40	44	8	18	20	23	9	6	18	12	7	22	16	11	14	10	11	7	5	10	5	
1950	2			3				4	1	12	16	11	15	13	26	23	25	9	28	23	26	24	20	10	14	11	9	13	18	9					
1951										1			3	3	25	31	54	33	41	9	3	6	12	13	30	16	9	6	33	24	7	5	1		
1952													6	15	16	15	59	24	35	12	16	8	20	5	14	23	14	12	36	22	2	8	4		
1953													15	4	4	44	83	22	33	12	16	14	15	20	19	13	11	14	18	6	2				
1954							5	1	16				4	13	73	46	58	8	14	15	14	14	8	17	29	26	4								
1955							1	3	13	1	1	2	16	61	63	12	15	7	15	26	9	13	13	10	20	24	24	15	1						
1956					1	1			6	9	3	1	9	61	49	26	26	22	6	8	10	7	17	19	18	19	12	8	20	8					
1957		1	5	2	9	6	1	1			8	8	60	42	31	9	3		1	7	7	15	7	2	7	17	11	23	16	14	29	19	3		1
1958											15	6	2	38	34	15	36	15	19	29	18	14	19	19	16	8	10	12	7	16	11	6			
1959						6	22	3			2		7	29	54	34	23	10	20	7	11	11	3	12	32	22	12	16	11	15	3				
1960											6	1	5	14	21	32	20	20	25	25	40	30	19	14	14	9	26	25	12	8					
1961						1	1	2	2	2	5	11	16	30	17	17	53	10	1	8	11	15	26	33	24	20	4	8	19	10	15	3	1		
1962															1	6	57	39	35	36	18	21	17	19	29	35	14	14	18	6					
1963											1	5	14	58	36	34	39	18	12	3	4	6	17	18	22	32	28	14	3		1				
1964						1	11	1	1	5	8	2	20	18	35	16	28	44	25	36	18	8	4	9	15	15	23	22	1						
1965									5	1	4	10	35	41	42	25	15	10	5	6	12	21	6	14	13	28	12	8	11	22	4	6	9		
1966												2	8	32	43	45	48	17	19	19	25	11	7	25	21	35	8								
1967									1	1	5	10	16	27	32	38	64	27	5	3	5	7	18	19	14	5	10	23	12	16	7				
1968															15	12	86	22	27	37	25	16	15	21	25	16	18	6	19	6					
1969												2	3	34	70	44	23	12	11	15	11	18	21	6	12	4	11	13	8	14	11	11	3	7	1
1970													8	14	35	23	8	6	17	15	30	28	48	22	23	13	16	17	22	10	10				
1971												1	1	21	16	32	35	17	17	20	17	24	18	13	31	13	30	11	24	12	8	4			
1972															24	64	35	24	6	41	34	18	15	23	27	6	14	17	8	10					
1973														1	9	26	79	30	37	21	14	5	11	12	25	11	9	20	29	12	8	5	1		
1974												3	7	11	18	20	31	50	47	28	18	21	3	2	28	15	19	21	21	2					
1975													4	11	9	27	55	28	53	13	17	10	12	27	13	17	12	7	20	23	7				

06724000 ST. VRAIN CREEK AT LYONS, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTMEBER 30--CONTINUED

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ST. VRAIN CREEK AT LYONS, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	4	28853	100.0	9	1.90	126	28665	99.3	18	23.0	2094	17893	62.0	27	290	1310	4330	15.0
1	0.20	1	28849	100.0	10	2.50	258	28539	98.9	19	31.0	1578	15799	54.8	28	380	1297	3020	10.4
2	0.30	5	28848	100.0	11	3.30	226	28281	98.0	20	41.0	1297	14221	49.3	29	500	930	1723	5.9
3	0.40	5	28843	100.0	12	4.30	532	28055	97.2	21	54.0	1508	12924	44.8	30	660	485	793	2.7
4	0.50	10	28838	99.9	13	5.70	1065	27523	95.4	22	71.0	1400	11416	39.6	31	880	224	308	1.0
5	0.60	15	28828	99.9	14	7.60	1633	26458	91.7	23	94.0	1388	10016	34.7	32	1200	57	84	.2
6	0.80	47	28813	99.9	15	10.00	2081	24825	86.0	24	120.0	1396	8628	29.9	33	1500	24	27	
7	1.10	23	28766	99.7	16	13.00	3069	22744	78.8	25	160.0	1578	7232	25.1	34	2000	3	3	
8	1.40	78	28743	99.6	17	18.00	1782	19675	68.2	26	220.0	1324	5654	19.6					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ST. VRAIN CREEK AT LYONS, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1896	573.0	60	491.0	68	427.0	69	401.0	67	362.0	66	289.0	65	255.0	63	229.0	59	187.0	50
1897	980.0	28	936.0	27	882.0	23	752.0	26	698.0	21	626.0	17	549.0	13	483.0	9	367.0	5
1898	551.0	64	530.0	62	524.0	55	508.0	51	433.0	55	352.0	55	295.0	53	257.0	49	197.0	48
1899	1150.0	19	1100.0	15	1040.0	13	979.0	12	901.0	6	723.0	6	597.0	7	515.0	4	375.0	4
1900	918.0	36	858.0	34	820.0	31	773.0	24	685.0	23	646.0	12	558.0	12	455.0	15	321.0	17
1901	730.0	45	688.0	45	622.0	43	545.0	44	501.0	43	454.0	37	381.0	39	335.0	36	242.0	36
1902	438.0	73	405.0	72	366.0	72	341.0	72	300.0	72	241.0	75	193.0	75	158.0	76	119.0	77
1903	1180.0	18	1110.0	14	1030.0	14	850.0	16	703.0	20	527.0	27	428.0	29	368.0	29	274.0	27
1905	1440.0	10	1400.0	9	1350.0	5	1160.0	5	862.0	8	644.0	13	525.0	18	432.0	19	314.0	18
1906	1020.0	23	960.0	23	863.0	24	610.0	38	532.0	39	450.0	39	408.0	36	370.0	28	285.0	23
1907	976.0	29	928.0	29	907.0	20	870.0	15	818.0	12	709.0	7	631.0	4	539.0	2	393.0	2
1908	566.0	63	431.0	71	340.0	75	312.0	74	268.0	75	248.0	73	226.0	70	201.0	70	151.0	67
1909	1000.0	25	993.0	19	900.0	21	841.0	18	810.0	13	638.0	14	518.0	20	445.0	17	336.0	11
1910	406.0	75	365.0	74	334.0	76	290.0	76	254.0	76	208.0	77	181.0	77	156.0	77	120.0	76
1911	576.0	58	519.0	66	477.0	65	472.0	56	426.0	60	351.0	56	297.0	52	249.0	52	181.0	53
1912	998.0	26	943.0	25	951.0	18	800.0	23	678.0	25	588.0	19	523.0	19	429.0	20	308.0	19
1913	426.0	74	397.0	73	388.0	71	366.0	68	336.0	68	286.0	66	252.0	64	220.0	63	172.0	58
1914	1340.0	14	1240.0	11	1050.0	12	876.0	14	831.0	11	658.0	10	562.0	9	491.0	8	363.0	7
1915	830.0	41	763.0	38	719.0	36	604.0	40	525.0	41	427.0	42	410.0	33	363.0	31	281.0	24
1916	540.0	68	531.0	60	487.0	62	462.0	58	433.0	56	383.0	47	344.0	45	301.0	43	224.0	41
1917	1090.0	20	1010.0	18	979.0	16	949.0	13	773.0	16	648.0	11	560.0	11	461.0	14	329.0	13
1918	1490.0	9	1410.0	8	1170.0	10	1100.0	6	802.0	14	582.0	20	450.0	24	365.0	30	262.0	29
1919	950.0	31	750.0	40	593.0	48	360.0	69	308.0	71	259.0	72	251.0	65	214.0	65	159.0	64
1920	691.0	47	664.0	46	628.0	42	551.0	43	539.0	38	497.0	33	449.0	25	387.0	23	276.0	26
1921	2020.0	3	1860.0	1	1780.0	1	1550.0	1	1100.0	3	761.0	3	633.0	3	539.0	3	382.0	3
1922	574.0	59	529.0	63	489.0	60	442.0	62	381.0	62	300.0	63	240.0	68	203.0	68	146.0	69
1923	1360.0	13	1220.0	12	1150.0	11	1010.0	11	841.0	10	707.0	8	602.0	5	505.0	6	364.0	6
1924	1730.0	4	1640.0	3	1290.0	7	1060.0	8	844.0	9	635.0	15	526.0	17	451.0	16	322.0	16
1925	328.0	77	319.0	77	296.0	77	270.0	77	243.0	77	219.0	76	189.0	76	168.0	75	127.0	73
1926	1010.0	24	992.0	20	887.0	22	835.0	19	687.0	22	568.0	23	531.0	15	472.0	11	345.0	10
1927	550.0	65	531.0	61	484.0	63	454.0	61	432.0	57	379.0	49	330.0	46	292.0	46	223.0	42
1928	941.0	32	903.0	31	827.0	29	679.0	31	601.0	32	515.0	31	449.0	26	376.0	25	262.0	30
1929	514.0	69	505.0	67	488.0	61	456.0	60	442.0	49	384.0	46	345.0	44	297.0	44	219.0	44
1930	661.0	50	549.0	57	463.0	66	432.0	65	368.0	65	285.0	67	276.0	59	239.0	56	186.0	51
1931	597.0	56	589.0	53	538.0	54	498.0	52	442.0	50	340.0	58	266.0	62	219.0	64	156.0	65
1932	672.0	49	647.0	47	609.0	45	527.0	48	466.0	47	385.0	45	312.0	49	251.0	51	176.0	55
1933	988.0	27	890.0	32	810.0	32	734.0	27	684.0	24	573.0	22	466.0	22	371.0	27	260.0	32
1934	544.0	67	538.0	58	507.0	57	441.0	63	431.0	58	328.0	62	250.0	66	201.0	69	142.0	71
1935	1030.0	22	973.0	21	850.0	27	722.0	28	611.0	30	540.0	25	428.0	30	343.0	34	238.0	38
1936	746.0	43	742.0	41	719.0	37	644.0	34	607.0	31	527.0	28	444.0	27	389.0	22	281.0	25
1937	937.0	34	709.0	42	567.0	52	467.0	57	426.0	59	380.0	48	314.0	48	259.0	48	189.0	49
1938	1370.0	12	937.0	26	711.0	38	670.0	32	633.0	27	522.0	30	436.0	28	372.0	26	299.0	21
1939	473.0	70	456.0	69	434.0	67	405.0	66	370.0	64	292.0	64	244.0	67	209.0	66	154.0	66
1940	456.0	72	439.0	70	413.0	70	342.0	70	331.0	69	275.0	68	227.0	69	185.0	72	138.0	72
1941	1550.0	7	931.0	28	735.0	35	573.0	41	491.0	44	438.0	41	374.0	41	306.0	41	223.0	43
1942	1060.0	21	964.0	22	848.0	28	826.0	21	732.0	17	619.0	18	561.0	10	467.0	12	328.0	15
1943	921.0	35	824.0	36	748.0	34	626.0	36	600.0	33	500.0	32	410.0	34	347.0	33	253.0	34
1944	640.0	53	615.0	50	608.0	46	515.0	49	413.0	61	397.0	44	354.0	42	305.0	42	218.0	45
1945	876.0	37	859.0	33	758.0	33	607.0	39	543.0	37	453.0	38	381.0	40	335.0	37	243.0	35
1946	570.0	61	557.0	56	510.0	56	459.0	59	358.0	67	271.0	69	222.0	71	190.0	71	143.0	70
1947	1710.0	5	1590.0	5	1300.0	6	1100.0	7	946.0	4	732.0	5	602.0	6	493.0	7	348.0	9
1948	680.0	48	645.0	48	615.0	44	573.0	42	508.0	42	373.0	50	298.0	51	248.0	53	178.0	54
1949	1710.0	6	1630.0	4	1490.0	3	1420.0	3	1120.0	1	752.0	4	592.0	8	477.0	10	329.0	14
1950	622.0	54	607.0	52	589.0	49	535.0	45	470.0	46	363.0	51	282.0	58	229.0	60	164.0	62
1951	1280.0	15	1190.0	13	1030.0	15	842.0	17	662.0	26	575.0	21	498.0	21	412.0	21	297.0	22
1952	1390.0	11	1330.0	10	1220.0	8	1050.0	9	800.0	15	632.0	16	547.0	14	462.0	13	333.0	12
1953	735.0	44	690.0	43	580.0	51	515.0	50	465.0	48	361.0	52	285.0	56	234.0	58	168.0	59
1954	252.0	79	250.0	79	224.0	79	188.0	79	162.0	79	155.0	79	139.0	79	116.0	79	83.0	79
1955	457.0	71	347.0	76	343.0	74	318.0	73	285.0	73	243.0	74	212.0	74	178.0	73	125.0	74

06724000 ST. VRAIN CREEK AT LYONS, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ST. VRAIN CREEK AT LYONS, CO.

YEAR	1	3	7	15	30	60	90	120	183
1956	642.0 52	632.0 49	598.0 47	530.0 46	480.0 45	359.0 54	285.0 57	238.0 57	167.0 60
1957	2030.0 2	1530.0 6	1180.0 9	1010.0 10	911.0 5	826.0 2	720.0 1	611.0 1	432.0 1
1958	968.0 30	949.0 24	920.0 19	832.0 20	718.0 18	540.0 26	408.0 35	328.0 38	230.0 40
1959	704.0 46	688.0 44	641.0 41	617.0 37	529.0 40	406.0 43	330.0 47	281.0 47	199.0 47
1960	612.0 55	586.0 54	541.0 53	497.0 53	439.0 52	361.0 53	307.0 50	253.0 50	184.0 52
1961	1240.0 16	1050.0 17	851.0 26	815.0 22	710.0 19	546.0 24	415.0 32	338.0 35	255.0 33
1962	594.0 57	534.0 59	504.0 59	483.0 54	435.0 53	335.0 59	289.0 54	247.0 54	175.0 56
1963	806.0 42	563.0 55	434.0 68	342.0 71	314.0 70	271.0 70	216.0 73	204.0 67	150.0 68
1964	390.0 76	364.0 75	348.0 73	307.0 75	285.0 74	271.0 71	220.0 72	176.0 74	124.0 75
1965	1490.0 8	1420.0 7	1370.0 4	1220.0 4	900.0 7	682.0 9	528.0 16	433.0 18	303.0 20
1966	262.0 78	255.0 78	236.0 78	214.0 78	202.0 78	172.0 78	152.0 78	128.0 78	90.0 78
1967	875.0 38	758.0 39	694.0 39	640.0 35	574.0 36	449.0 40	350.0 43	297.0 45	205.0 46
1968	546.0 66	520.0 65	506.0 58	475.0 55	440.0 51	334.0 60	270.0 60	227.0 61	164.0 61
1969	2120.0 1	1780.0 2	1640.0 2	1430.0 2	1110.0 2	835.0 1	652.0 2	513.0 5	350.0 8
1970	870.0 39	847.0 35	824.0 30	718.0 29	594.0 34	485.0 35	395.0 37	326.0 39	240.0 37
1971	938.0 33	912.0 30	858.0 25	771.0 25	624.0 28	470.0 36	421.0 31	356.0 32	262.0 31
1972	648.0 51	609.0 51	582.0 50	528.0 47	435.0 54	333.0 61	266.0 61	223.0 62	161.0 63
1973	1200.0 17	1080.0 16	970.0 17	693.0 30	615.0 29	524.0 29	457.0 23	378.0 24	268.0 28
1974	566.0 62	521.0 64	483.0 64	436.0 64	374.0 63	342.0 57	287.0 55	243.0 55	173.0 57
1975	852.0 40	784.0 37	663.0 40	649.0 33	581.0 35	492.0 34	394.0 38	325.0 40	233.0 39

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ST. VRAIN CREEK AT LYONS, CO.

YEAR	1	3	7	14	30	60	90	120	183
1897	5.00 51	6.00 50	9.00 56	22.00 73	27.00 74	28.00 74	29.00 74	31.00 73	37.00 71
1898	23.00 75	23.00 75	23.00 75	23.00 75	23.00 72	24.00 71	26.00 71	27.00 70	32.00 67
1899	1.00 9	1.00 5	2.00 13	5.00 30	8.20 36	9.00 34	9.00 28	9.80 24	12.00 18
1900	13.00 71	13.00 70	16.00 70	16.00 68	16.00 68	16.00 66	17.00 66	17.00 62	22.00 52
1901	10.00 67	11.00 68	15.00 68	15.00 67	15.00 67	16.00 67	17.00 67	17.00 63	24.00 57
1902	4.00 39	6.70 57	9.00 57	9.00 53	9.10 47	9.60 39	10.00 36	11.00 28	15.00 28
1903	9.00 64	10.00 63	16.00 69	21.00 71	30.00 75	49.00 77	54.00 77	55.00 77	58.00 76
1906	10.00 68	10.00 64	10.00 63	10.00 57	10.00 53	10.00 46	12.00 51	15.00 57	19.00 48
1907	30.00 77	30.00 77	30.00 77	30.00 76	30.00 76	30.00 75	32.00 75	36.00 75	49.00 74
1908	6.00 55	6.70 58	9.10 58	11.00 59	13.00 60	13.00 59	14.00 57	14.00 51	21.00 50
1909	16.00 73	17.00 73	18.00 72	22.00 74	25.00 73	26.00 73	27.00 72	29.00 72	32.00 68
1910	7.50 61	11.00 65	12.00 65	12.00 63	13.00 61	14.00 63	15.00 63	17.00 64	24.00 58
1911	2.00 19	2.00 17	3.70 30	6.30 35	8.20 37	9.80 42	11.00 42	12.00 35	16.00 38
1912	3.00 33	3.00 31	3.00 24	3.00 16	3.70 7	6.40 15	5.80 6	6.90 11	17.00 39
1913	18.00 74	18.00 74	18.00 73	18.00 69	18.00 69	19.00 69	20.00 69	21.00 69	30.00 65
1914	25.00 76	25.00 76	26.00 76	30.00 77	33.00 77	41.00 76	44.00 76	43.00 76	54.00 75
1915	9.00 65	9.00 61	9.90 62	11.00 60	13.00 62	15.00 65	17.00 68	19.00 67	27.00 61
1916	12.00 69	12.00 69	12.00 66	12.00 64	13.00 63	13.00 60	14.00 58	18.00 65	35.00 70
1917	6.00 56	6.00 51	7.10 52	7.50 44	8.70 39	9.60 40	11.00 43	13.00 43	29.00 64
1918	6.00 57	6.00 52	6.60 47	9.40 54	11.00 54	11.00 49	12.00 44	13.00 44	15.00 29
1919	5.00 52	5.00 42	5.00 35	5.40 32	6.90 28	8.00 30	9.50 32	11.00 29	24.00 59
1920	4.00 40	5.00 43	6.00 43	8.40 49	8.80 44	9.90 43	10.00 37	11.00 30	15.00 30
1921	2.00 20	2.00 18	4.40 32	7.60 45	9.80 51	13.00 61	13.00 52	14.00 52	18.00 40
1922	0.00 1	1.30 9	2.00 14	2.60 12	4.50 18	7.70 25	9.80 33	12.00 36	14.00 24
1923	2.00 21	2.70 28	6.60 48	8.40 50	9.50 50	10.00 47	10.00 34	10.00 25	12.00 19
1924	15.00 72	16.00 72	18.00 74	21.00 72	23.00 70	25.00 72	28.00 73	35.00 74	67.00 77
1925	6.00 58	6.00 53	6.30 44	6.80 37	8.70 40	9.70 41	11.00 38	12.00 37	15.00 31
1926	12.00 70	14.00 71	17.00 71	18.00 70	23.00 71	24.00 70	26.00 70	28.00 71	39.00 72
1927	8.00 63	9.00 62	9.30 60	11.00 61	11.00 55	12.00 54	13.00 53	13.00 45	15.00 32
1928	3.00 34	3.00 32	3.30 29	4.40 27	8.70 41	12.00 55	13.00 54	15.00 58	18.00 41
1929	4.00 41	6.00 54	6.70 50	8.30 48	8.80 42	9.20 35	10.00 35	12.00 38	15.00 33
1930	10.00 66	11.00 66	11.00 64	12.00 65	13.00 64	14.00 64	14.00 59	15.00 59	27.00 62
1931	2.00 22	2.00 19	3.00 25	4.40 28	6.70 27	7.80 26	8.80 25	10.00 26	15.00 34
1932	2.00 23	2.00 20	2.00 15	2.20 10	3.20 5	5.00 5	5.30 3	6.50 5	10.00 12
1933	2.00 24	2.00 21	2.30 17	3.10 18	4.70 19	6.80 18	7.20 19	7.80 15	11.00 13
1934	4.00 42	4.70 39	5.00 36	7.20 40	9.00 45	9.40 38	11.00 39	13.00 46	18.00 42
1935	3.00 35	3.00 33	3.10 27	3.80 23	7.00 29	7.60 23	7.80 21	8.10 19	9.70 9
1936	1.70 17	1.80 15	2.00 16	3.00 17	4.90 21	6.80 19	7.90 22	9.50 23	13.00 22
1937	2.40 29	2.70 29	3.10 28	3.50 21	4.80 20	7.60 24	9.10 29	11.00 31	18.00 43
1938	2.20 26	2.30 24	2.60 19	2.90 13	4.40 14	6.00 11	8.90 26	11.00 32	14.00 25
1939	4.30 45	6.50 56	7.20 53	11.00 62	13.00 65	13.00 62	14.00 60	15.00 60	23.00 53
1940	1.50 15	1.60 14	1.80 11	2.30 11	4.00 9	5.10 6	6.40 9	6.50 6	9.40 7
1941	1.00 10	1.30 10	1.50 8	2.10 9	4.40 15	5.30 8	5.30 4	6.50 7	15.00 26
1942	2.00 25	3.00 30	4.10 31	8.50 51	11.00 56	12.00 56	12.00 45	14.00 53	23.00 54
1943	5.00 53	5.70 48	6.60 49	10.00 58	12.00 59	13.00 57	15.00 64	16.00 61	34.00 69
1944	4.20 44	4.30 35	4.50 33	4.70 29	5.80 24	7.00 20	7.00 16	7.30 12	11.00 14
1945	1.30 13	1.30 11	1.30 7	1.50 6	2.90 3	3.30 1	3.60 1	4.10 1	6.90 2
1946	2.30 27	2.60 25	2.60 20	2.90 14	4.40 16	6.60 16	7.20 17	7.90 17	13.00 23
1947	1.70 16	1.90 16	2.40 18	4.20 24	7.30 30	9.20 36	12.00 46	21.00 68	27.00 63
1948	4.50 46	4.80 40	5.40 39	7.60 46	9.30 48	11.00 50	13.00 55	15.00 54	24.00 60
1949	2.70 31	2.70 26	3.00 26	4.20 25	5.40 23	6.70 17	6.80 14	6.80 10	9.70 8
1950	0.00 2	0.14 1	0.67 2	1.60 7	3.10 4	4.00 2	5.80 7	6.10 3	12.00 20

06724000 ST. VRAIN CREEK AT LYONS, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ST. VRAIN CREEK AT LYONS, CO.

YEAR	1	3	7	14	30	60	90	120	183
1951	2.30 28	6.00 49	8.10 55	9.00 52	9.40 49	10.00 48	12.00 47	13.00 47	16.00 35
1952	4.80 49	5.30 44	5.50 40	7.20 41	8.30 38	12.00 51	12.00 48	13.00 48	18.00 44
1953	5.00 50	5.00 41	5.00 37	5.30 31	7.40 31	9.90 44	11.00 40	12.00 39	15.00 27
1954	1.00 11	1.00 6	1.10 5	1.40 4	4.20 10	6.20 12	7.20 18	8.00 18	9.30 6
1955	1.00 12	1.30 12	1.30 6	1.50 5	4.20 11	5.90 10	6.60 11	6.50 8	9.90 10
1956	0.51 4	1.00 7	2.00 12	2.10 8	3.70 8	7.00 21	7.70 20	7.80 16	8.60 5
1957	0.21 3	0.30 2	0.32 1	0.58 1	3.50 6	4.80 4	4.80 2	5.20 2	5.70 1
1958	0.71 5	2.10 22	2.80 21	2.90 15	4.30 12	6.20 13	6.60 12	8.50 21	16.00 36
1959	0.71 6	0.70 3	0.73 3	0.81 2	2.40 2	5.10 7	5.90 8	6.40 4	8.10 3
1960	2.60 30	2.70 27	3.00 22	4.40 26	6.00 25	8.30 32	9.40 30	12.00 40	23.00 55
1961	0.71 7	1.10 8	1.80 9	3.40 20	4.50 17	5.80 9	6.70 13	7.70 14	11.00 15
1962	7.80 62	11.00 67	13.00 67	15.00 66	15.00 66	17.00 68	17.00 65	19.00 66	39.00 73
1963	2.80 32	4.30 36	5.80 42	5.90 34	6.10 26	7.80 27	8.10 23	8.60 22	10.00 11
1964	0.71 8	0.84 4	0.87 4	0.96 3	2.10 1	4.40 3	5.70 5	7.40 13	12.00 21
1965	1.40 14	1.50 13	1.80 10	3.30 19	4.40 13	6.30 14	6.50 10	6.60 9	8.40 4
1966	4.10 43	4.20 34	4.80 34	5.80 33	7.60 34	7.80 28	9.00 27	11.00 33	16.00 37
1967	1.80 18	2.20 23	3.00 23	3.70 22	5.10 22	7.00 22	6.90 15	8.30 20	11.00 16
1968	7.10 59	7.70 59	7.80 54	8.10 47	11.00 57	13.00 58	14.00 61	15.00 55	21.00 51
1969	4.70 48	5.50 46	6.50 46	7.20 42	7.50 32	8.20 31	8.80 24	10.00 27	12.00 17
1970	3.80 37	4.60 37	5.50 41	6.90 38	7.50 33	8.00 29	9.50 31	14.00 49	31.00 66
1971	6.00 54	6.30 55	6.80 51	7.40 43	9.00 46	9.40 37	11.00 41	13.00 41	24.00 56
1972	4.00 38	5.50 47	9.50 61	9.80 55	10.00 52	12.00 52	12.00 49	12.00 34	19.00 49
1973	7.50 60	8.70 60	9.10 59	10.00 56	11.00 58	12.00 53	14.00 62	14.00 50	18.00 45
1974	3.50 36	4.70 38	5.40 38	6.40 36	7.90 35	9.00 33	13.00 56	15.00 56	18.00 46
1975	4.50 47	5.30 45	6.30 45	6.90 39	8.80 43	10.00 45	12.00 50	13.00 42	18.00 47

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
40	24	16	13	13	18	92	298	529	294	133	68
877	336	125	76	67	176	5260	17800	45100	17100	3310	1260
30	18	11	8.7	8.2	13	73	133	212	131	58	35
2.2	3.4	2.6	2.8	2.9	2.4	1.5	0.61	0.66	1.00	0.78	2.3
0.74	0.77	0.68	0.67	0.65	0.72	0.78	0.45	0.40	0.45	0.43	0.52
2.6	1.5	1.1	0.85	0.82	1.2	6.0	19	34	19	8.6	4.4

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.5	1.3	1.1	1.1	1.0	1.2	1.8	2.4	2.7	2.4	2.1	1.8
0.09	0.07	0.05	0.05	0.05	0.07	0.11	0.04	0.03	0.04	0.04	0.04
0.30	0.27	0.23	0.23	0.22	0.27	0.34	0.20	0.18	0.19	0.19	0.21
-0.28	0.18	0.59	0.38	0.67	0.10	0.00	-0.12	-0.34	-0.15	-0.11	-0.10
0.20	0.21	0.20	0.22	0.21	0.23	0.18	0.08	0.07	0.08	0.09	0.12
7.3	6.3	5.6	5.1	5.1	5.8	9.0	12	13	12	10	8.7

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
129	1870	43	0.29	0.34	-0.116

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.1	0.02	0.15	-0.34	0.07	-0.067

06724500 LEFTHAND CREEK NEAR BOULDER, COLO.

LOCATION.--Lat 40°07'30", long 105°18'15", in NE¼ sec.23, T.2 N., R.71 W., Boulder County, on right bank 0.1 mi (0.2 km) upstream from diversion dam of Lefthand ditch, 0.1 mi (0.2 km) downstream from Spruce Gulch, and 7.5 mi (12 km) north of Boulder.

DRAINAGE AREA.--52.0 mi² (135 km²).

REMARKS.--A large part of flow is water diverted from South St. Vrain Creek for irrigation of lands along Lefthand Creek below station.

06724500 LEFTHAND CREEK NEAR BOULDER, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LEFT HAND CR. NR BOULDER, COLO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1950		3	10	12	12	28	33	28	10	9	17	11	17	9	28	19	5	11	8	4	11	11	13	4	8	13	12	11	6	2					
1951						1	22	58	37	22	24	16	6	4	7	8	3	1	4	7	19	12	15	14	7	17	21	25	12	2	1				
1952								2	4	32	55	38	15	9	23	11	18	7	6	6	2	7	10	29	15	20	14	13	12	17	1				
1953						6	5	60	37	32	23	27	15	6	10	6		4	14	12	9	16	15	12	16	9	2	14	10	5					
1956						16	21	22	42	44	25	20	5	3	10	5	11	25	10	12	16	10	17	7	7	7	1	7	14	9					
1957							7	31	81	30	24	10	2	1	3	5	3	14	8	5	2	4	11	14	8	11	24	22	19	12	6	2	2	3	1

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2192	100.0	12	7.9	60	1145	52.2	24	75	61	440	20.0
1	1.00	3	2192	100.0	13	9.5	32	1085	49.5	25	90	77	379	17.2
2	1.20	10	2189	99.9	14	11.0	81	1053	48.0	26	110	74	302	13.7
3	1.50	12	2179	99.4	15	14.0	54	972	44.3	27	130	92	228	10.4
4	1.80	12	2167	98.9	16	17.0	40	918	41.9	28	160	73	136	6.2
5	2.10	51	2155	98.3	17	20.0	62	878	40.1	29	190	47	63	2.8
6	2.60	88	2104	96.0	18	24.0	50	816	37.2	30	230	8	16	.7
7	3.10	201	2016	92.0	19	29.0	46	766	34.9	31	280	2	8	.3
8	3.70	211	1815	82.8	20	35.0	59	720	32.8	32	330	2	6	.2
9	4.50	169	1604	73.2	21	43.0	60	661	30.2	33	400	3	4	.1
10	5.40	168	1435	65.5	22	51.0	81	601	27.4	34	490	1	1	
11	6.50	122	1267	57.8	23	62.0	80	520	23.7					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LEFT HAND CR. NR BOULDER, COLO.

YEAR	1		3		7		15		30		60		90		120		183	
1950	217.0	5	206.0	4	188.0	5	167.0	5	146.0	6	115.0	6	92.0	6	75.0	6	53.0	6
1951	239.0	2	224.0	2	171.0	6	162.0	6	149.0	5	141.0	3	128.0	3	110.0	3	81.0	3
1952	230.0	3	215.0	3	212.0	2	210.0	2	192.0	2	151.0	2	135.0	2	119.0	2	89.0	2
1953	218.0	4	203.0	6	192.0	4	180.0	4	163.0	4	125.0	4	101.0	4	86.0	4	61.0	4
1956	212.0	6	205.0	5	198.0	3	192.0	3	175.0	3	125.0	5	98.0	5	81.0	5	59.0	5
1957	592.0	1	485.0	1	361.0	1	329.0	1	248.0	1	194.0	1	180.0	1	158.0	1	115.0	1

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LEFT HAND CR. NR BOULDER, COLO.

YEAR	1		3		7		14		30		60		90		120		183	
1951	2.20	2	2.60	2	2.70	2	2.80	1	3.10	1	3.50	2	3.50	1	3.50	1	4.50	1
1952	3.30	4	4.00	4	4.50	4	4.60	4	4.90	4	5.50	4	5.80	4	5.90	4	7.80	4
1953	2.10	1	2.40	1	2.50	1	2.90	2	3.10	2	3.20	1	3.50	2	3.70	2	4.60	2
1957	2.70	3	2.80	3	3.00	3	3.20	3	3.60	3	3.80	3	3.80	3	3.90	3	4.60	3

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
8.01	5.40	4.32	3.82	3.94	4.20	27.9	104	148	101	55.4	21.6
12.7	1.93	1.08	1.92	1.96	1.86	390	4614	221	1810	412	26.3
3.56	1.39	1.04	1.39	1.40	1.36	19.7	67.9	14.9	42.5	20.3	5.13
1.74	1.56	1.04	1.02	0.55	-0.81	0.51	1.91	1.16	0.44	-0.03	-0.38
0.44	0.26	0.24	0.36	0.36	0.32	0.71	0.65	0.10	0.42	0.37	0.24
1.65	1.11	0.89	0.78	0.81	0.86	5.72	21.4	30.3	20.7	11.4	4.44

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.87	0.72	0.63	0.56	0.57	0.60	1.34	1.96	2.17	1.97	1.72	1.32
0.03	0.01	0.01	0.02	0.02	0.03	0.11	0.06	0.00	0.04	0.03	0.01
0.17	0.10	0.10	0.16	0.15	0.17	0.34	0.24	0.04	0.19	0.17	0.11
1.23	1.17	0.55	-0.08	0.30	-1.35	0.10	1.00	1.03	-0.03	-0.26	-0.68
0.19	0.14	0.16	0.28	0.27	0.28	0.25	0.12	0.02	0.10	0.10	0.08
6.06	5.00	4.33	3.87	3.97	4.15	9.30	13.6	15.0	13.7	11.9	9.18

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
40.7	143	12.0	0.77	0.29	-0.324

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.60	0.02	0.12	0.45	0.08	-0.307

06725000 LEFTHAND CREEK AT MOUTH, AT LONGMONT, COLO.

LOCATION.--Lat 40°08'50", long 105°06'05", in SW¼SE¼ sec.10, T.2 N., R.69 W., Boulder County, on left bank 40 ft (12 m) downstream from bridge on U.S. Highways 87 and 287, 1.0 mi (1.6 km) upstream from mouth, and 1.3 mi (2.1 km) south of city hall in Longmont.

DRAINAGE AREA.--72.0 mi² (186 km²).

REMARKS.--Diversions above station for irrigation of about 12,000 acres (48.6 km²). Flow regulated by storage for irrigation. Flow is mostly return waste water from ditches that divert water from other streams.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LEFT HAND CREEK AT MOUTH, AT LONGMONT, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1928									2		13		37	36	83	67	25	5	6	3	4	13	11	12	5	5	9	7	2	5	9	5	2		
1929									2		41	90	45	20	34	40	19	9	10	8	6	10	5	6	4	3	4	1	2	2	2	2			
1930									5		7		37	53	69	74	45	14	26	8	5	9	2	2	2	1	4			2					
1931						1			53		71		64	13	75	28	10	7	10	14	7	3	2	3	1	3									
1932						36			124		74		38	8	21	31	15	4	5	5	2	2			1										
1933						27			39		76		58	11	14	27	21	7	11	9	7	15	7	4	3	2	5	7	3	4	2	1	3	2	
1934						12			35		64		105	75	29	10	7	6	5	7		1	1	2		2	2	1	1						
1935						132			88		23		12	7	12	21	11	5	8	10	3	4	3	4	3	1	1	2	3	6	3	3			
1936							1	9	9	4	3	9	26	70	54	36	37	15	14	17	5	5	14	9	7	11	3	4	1	2	1				
1937											5	12	89	39	34	39	33	18	32	14	8	10	5	6	3	2	4	5	2	4	1				
1938											21	45	46	30	58	39	3		8	17	9	11	9	9	15	12	16	11	2	2	1				1
1939		1	1			5	2	2	5	7	10	5	6	19	63	63	55	20	19	19	15	13	5	7	11	12									
1940							8	7	16	46	89	93	28	15	10	18	10	8	8	9	1														
1941							3	2	9	19	67	25	33	58	14	24	25	11	12	7	13	7	8	6	4	5	2	4	1	4	2				
1942											11	15	16	58	13	37	67	37	12	1	2	2	3	6	19	11	7	9	1	7	10	12	5	4	
1954									20	12	31	40	134	23	39	26	32	6	2																
1955									4	43	98	42	47	28	8	21	20	25	13	8	5	3													

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	6209	100.0	12	3.8	821	4338	69.9	24	45	78	383	6.1
1	0.30	1	6209	100.0	13	4.7	563	3517	56.6	25	55	70	305	4.9
2	0.50	1	6208	100.0	14	5.7	630	2954	47.6	26	67	57	235	3.7
3	0.60	0	6207	100.0	15	7.0	601	2324	37.4	27	82	51	178	2.8
4	0.70	0	6207	100.0	16	8.7	435	1723	27.8	28	100	18	127	2.0
5	0.90	213	6207	100.0	17	11.0	197	1288	20.7	29	120	38	109	1.7
6	1.10	14	5994	96.5	18	13.0	201	1091	17.6	30	150	31	71	1.1
7	1.40	20	5980	96.3	19	16.0	156	890	14.3	31	190	23	40	.6
8	1.70	411	5960	96.0	20	20.0	92	734	11.8	32	230	10	17	.2
9	2.10	131	5549	89.4	21	24.0	108	642	10.3	33	280	6	7	.1
10	2.50	704	5418	87.3	22	30.0	75	534	8.6	34	350	1	1	
11	3.10	376	4714	75.9	23	36.0	76	459	7.4					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LEFT HAND CREEK AT MOUTH, AT LONGMONT, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1928	234.0	4	230.0	4	209.0	3	190.0	2	150.0	2	101.0	2	75.0	2	61.0	2	42.0	2
1929	225.0	5	198.0	6	159.0	5	112.0	5	75.0	5	44.0	8	33.0	9	27.0	8	21.0	8
1930	148.0	10	118.0	10	86.0	10	59.0	10	36.0	11	23.0	11	19.0	11	17.0	11	14.0	11
1931	60.0	13	58.0	13	48.0	13	34.0	13	26.0	12	20.0	12	15.0	12	12.0	12	9.2	12
1932	50.0	14	34.0	14	22.0	14	17.0	14	12.0	15	10.0	15	8.0	15	7.5	15	6.1	15
1933	332.0	3	300.0	2	252.0	2	170.0	3	131.0	3	77.0	3	58.0	3	45.0	3	32.0	4
1934	103.0	11	94.0	11	69.0	11	45.0	12	26.0	13	17.0	13	13.0	13	11.0	13	8.6	13
1935	223.0	6	206.0	5	172.0	4	148.0	4	99.0	4	55.0	5	40.0	5	32.0	5	22.0	7
1936	150.0	9	135.0	9	109.0	9	80.0	8	53.0	9	42.0	9	35.0	7	31.0	6	24.0	5
1937	158.0	8	146.0	8	112.0	8	74.0	9	69.0	7	45.0	6	34.0	8	27.0	9	20.0	9
1938	432.0	1	256.0	3	156.0	6	101.0	7	72.0	6	59.0	4	47.0	4	37.0	4	36.0	3
1939	63.0	12	60.0	12	58.0	12	56.0	11	51.0	10	37.0	10	30.0	10	25.0	10	19.0	10
1940	22.0	16	19.0	16	18.0	16	15.0	16	12.0	16	9.3	16	7.5	16	6.7	16	5.7	16
1941	172.0	7	162.0	7	143.0	7	105.0	6	65.0	8	45.0	7	37.0	6	30.0	7	22.0	6
1942	346.0	2	323.0	1	284.0	1	251.0	1	220.0	1	150.0	1	122.0	1	95.0	1	66.0	1
1954	13.0	17	13.0	17	12.0	17	10.0	17	9.8	17	8.7	17	7.4	17	6.5	17	5.6	17
1955	28.0	15	21.0	15	19.0	15	17.0	15	15.0	14	13.0	14	12.0	14	11.0	14	8.0	14

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LEFT HAND CREEK AT MOUTH, AT LONGMONT, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1928	3.00	16	3.30	16	3.40	15	3.70	15	4.30	15	5.10	15	5.80	15	6.10	15	6.30	13
1929	2.00	9	2.30	10	2.70	11	2.90	10	3.10	9	3.20	8	3.30	7	3.30	7	3.80	7
1930	2.00	10	2.00	9	2.60	9	3.40	13	3.90	14	4.60	14	5.20	13	5.40	13	6.30	14
1931	2.00	11	3.00	15	3.00	13	3.10	11	3.60	12	3.60	9	4.40	12	5.00	12	5.10	10
1932	1.00	2	1.00	2	1.60	7	1.80	7	1.90	4	2.00	2	2.30	2	2.50	2	2.50	2
1933	1.00	3	1.00	3	1.00	1	1.10	3	1.40	3	2.20	3	2.80	6	2.90	6	3.40	5
1934	1.00	4	1.00	4	1.40	5	1.60	4	3.20	10	3.80	10	4.00	8	4.50	10	4.40	8
1935	1.00	5	1.00	5	1.00	2	1.00	1	1.00	1	1.20	1	1.40	1	1.50	1	1.50	1

06725000 LEFTHAND CREEK AT MOUTH, AT LONGMONT, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LEFTHAND CREEK AT MOUTH, AT LONGMONT, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1936	1.00	6	1.00	6	1.00	3	1.00	2	1.30	2	3.90	11	4.30	11	4.40	9	5.20	11
1937	2.00	12	2.60	11	3.50	16	3.90	16	3.90	13	4.00	12	4.20	9	5.00	11	7.70	15
1938	2.50	13	2.70	12	2.70	10	2.80	9	3.00	8	3.10	7	4.20	10	4.30	8	4.60	9
1939	2.80	15	2.90	14	3.30	14	3.60	14	6.00	16	6.50	16	7.30	16	8.40	16	8.70	16
1940	0.40	1	0.60	1	1.40	4	1.60	5	2.10	5	2.50	4	2.60	4	2.70	3	2.80	3
1941	1.10	7	1.20	7	1.50	6	1.70	6	2.30	7	2.60	6	2.60	5	2.80	5	3.60	6
1942	2.70	14	2.70	13	2.80	12	3.10	12	3.60	11	4.30	13	5.30	14	5.70	14	6.20	12
1955	1.70	8	1.70	8	1.80	8	1.90	8	2.10	6	2.50	5	2.50	3	2.70	4	3.20	4

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
5.95	5.62	4.82	4.56	4.10	3.95	17.7	45.0	26.5	13.7	11.7	10.5
10.6	6.00	5.58	3.91	4.39	5.01	904	2665	441	41.4	212	224
3.26	2.45	2.36	1.98	2.10	2.24	30.1	51.6	21.0	6.44	14.6	15.0
1.17	0.25	1.35	0.55	1.51	1.82	3.22	1.35	0.90	0.33	2.40	3.69
0.55	0.44	0.49	0.43	0.51	0.57	1.70	1.15	0.79	0.47	1.24	1.43
3.86	3.65	3.13	2.96	2.66	2.56	11.5	29.2	17.2	8.91	7.59	6.80

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.71	0.70	0.64	0.62	0.57	0.54	0.91	1.34	1.29	1.09	0.86	0.83
0.06	0.05	0.04	0.04	0.04	0.06	0.26	0.34	0.13	0.05	0.17	0.14
0.25	0.23	0.20	0.20	0.21	0.24	0.51	0.58	0.37	0.23	0.41	0.38
-0.38	-1.15	0.17	-0.31	0.16	-0.35	0.74	-0.03	0.07	-0.66	0.81	0.83
0.34	0.33	0.31	0.32	0.36	0.45	0.56	0.43	0.28	0.21	0.48	0.45
7.07	6.95	6.33	6.13	5.62	5.33	9.07	13.3	12.8	10.8	8.49	8.21

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
12.9	69.4	8.33	1.47	0.65	-0.113

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.03	0.07	0.27	0.06	0.26	-0.063

06725100 ST. VRAIN CREEK NEAR LONGMONT, COLO.

LOCATION.--Lat 40°09'07", long 105°03'10", in NW¼SW¼ sec.7, T.2 N., R.68 W., Weld County, on right bank 630 ft (190 m) downstream from bridge on county line, 2.0 mi (3.2 km) downstream from Lefthand Creek, and 3.0 mi (4.8 km) southeast of Longmont.

DRAINAGE AREA.--370 mi² (958 km²).

REMARKS.--Natural flow of stream affected by storage reservoirs, diversions for irrigation, and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ST. VRAIN CREEK NEAR LONGMONT, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1965			8	3	30	32	39	77	35	14	8	22	15	20	9	6	9	2	1	3	2	1	2	2		1	3	2	3	2	4	2	4		4
1966			2	6	12	24	34	62	43	45	51	34	11	8	11	12	8	1			1														
1967		3	3	18	67	40	59	40	4	8	18	34	15	5	5	4		3		1		1	1	1	4	2	11	8	3	2	3	1	1		
1968					6	6	15	44	48	68	81	35	22	24	9	2	5	1																	

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1461	100.0	12	58.0	63	283	19.4	24	320	4	60	4.1
1	12.00	3	1461	100.0	13	66.0	57	220	15.1	25	370	3	56	3.8
2	14.00	13	1458	99.8	14	77.0	34	163	11.2	26	420	14	53	3.6
3	16.00	27	1445	98.9	15	88.0	24	129	8.8	27	490	10	39	2.6
4	18.00	115	1418	97.1	16	100.0	22	105	7.2	28	570	6	29	1.9
5	21.00	102	1303	89.2	17	120.0	7	83	5.7	29	650	4	23	1.5
6	24.00	147	1201	82.2	18	140.0	1	76	5.2	30	750	7	19	1.3
7	28.00	223	1054	72.1	19	160.0	4	75	5.1	31	870	3	12	.8
8	33.00	130	831	56.9	20	180.0	3	71	4.9	32	1000	5	9	.6
9	38.00	135	701	48.0	21	210.0	2	68	4.7	33	1200		4	.2
10	43.00	158	566	38.7	22	240.0	3	66	4.5	34	1300	4	4	.2
11	50.00	125	408	27.9	23	280.0	3	63	4.3					

06725100 ST. VRAIN CREEK NEAR LONGMONT, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ST. VRAIN CREEK NEAR LONGMONT, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1965	1570.0	1	1400.0	1	1220.0	1	1050.0	1	609.0	1	426.0	1	307.0	1	246.0	1	172.0	1
1966	181.0	3	130.0	3	107.0	3	97.0	3	89.0	3	68.0	3	62.0	4	56.0	4	47.0	4
1967	1170.0	2	909.0	2	733.0	2	604.0	2	571.0	2	349.0	2	258.0	2	207.0	2	145.0	2
1968	133.0	4	104.0	4	91.0	4	82.0	4	72.0	4	65.0	4	65.0	3	59.0	3	51.0	3

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ST. VRAIN CREEK NEAR LONGMONT, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1966	14.00	2	15.00	2	16.00	2	16.00	1	21.00	2	28.00	3	32.00	2	36.00	2	47.00	3
1967	14.00	3	15.00	3	17.00	3	17.00	2	18.00	1	18.00	1	19.00	1	20.00	1	23.00	1
1968	12.00	1	13.00	1	14.00	1	21.00	3	24.00	3	26.00	2	38.00	3	39.00	3	39.00	2

06725500 MIDDLE BOULDER CREEK AT NEDERLAND, COLO.

LOCATION.--Lat 39°57'42", long 105°30'14", in NE¼SE¼ sec.13, T.1 S., R.73 W., Boulder County, on left bank at Nederland just downstream from North Beaver Creek, 1,000 ft (300 m) upstream from Barker Reservoir.

DRAINAGE AREA.--36.2 mi² (93.8 km²).

REMARKS.--No diversion above station. Flow regulated at times by Jasper Lake (capacity, 326 acre-ft or 402,000 m³). North Beaver Creek entered Middle Boulder Creek downstream from station June 1 to Dec. 31, 1907, March 1911 to Dec. 31, 1916. Statistical summaries are shown for two periods, water years 1909-10, 1918-75, and water years 1912-16.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MIDDLE BOULDER CREEK AT NEDERLAND, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1909								3	17	27	20	56	11	21	18	15	10	11	22	10	7	6	12	11	11	12	15	8	6	9	14	11	2		
1910							1	6	11	48	19	6	4	22	33	30	22	33	21	10	8	19	19	14	17	10	4	5	3						
1918									27	43	20	30	30	31	5	10	9	15	27	5	4	2	12	11	9	7	11	11	23	1	3	6	7	5	1
1919							2	23	41	29	3	15	17	19	15	19	26	30	17	7	7	15	13	12	8	19	13	1	14						
1920								3	46	61	21	6	29	23	8	16	4	11	5	5	4	9	5	13	11	19	19	4	18	19	7				
1921								1	15	45	26	13	12	31	22	36	9	18	4	4	4	5	15	18	11	13	14	4	9	13	6	4	5	8	
1922							1	6	50	18	14	40	42	38	12	7	8	13	10	9	16	8	8	13	9	12	8	13	8	1	1				
1923									53	28	22	29	18	30	5	20	12	27	6	6	4	2	7	9	7	5	11	7	31	16	8	2			
1924									5	47	41	12	6	17	19	30	30	23	21	12	7	5	2	11	8	11	14	8	23	6	3	2	3		
1925			1			2		4	15	52	22	16	7	18	8	16	8	21	31	22	25	30	20	17	12	15	3								
1926									8	64	17	10	12	19	8	26	23	26	14	7	4	5	7	8	24	8	9	9	27	10	12	5	3		
1927								55	44	6	1	17	28	14	11	25	7	20	9				31	12	7	15	21	26	8	8					
1928					1	2		2	4	19	48	24	12	36	28	23	26	7	12	6	3	5	8	12	3	27	11	19	8	5	15				
1929								11	70	34	15	20	16	24	10	10	5	6	2	4	41	3	3	6	11	24	9	11	27	3					
1930									12	69	37	5	3	10	8	21	12	17	21	13	18	15	21	19	16	15	9	6	13	5					
1931							63	60	3	5	6	19	14	14	18	33	13	9	28	6	11	7	6	2	3	6	11	15	9	3	1				
1932								101	17	1	2	41	14	23	15	7	10	13	19	8	9	4	4	9	4	15	18	9	18	5					
1933						15	13	38	8	41	22	36	10	20	6	24	18	9	13	9	11	5	5	4	4	4	9	6	12	3	12	8			
1934							1	26	26	51	43	18	21	43	15	16	9	12	5	6	7	6	7	15	8	6	5	12	7						
1935							1	33	81	27	11	25	11	14	3	11	10	20	16	6	10	7	4	3	2	11	14	11	10	10	4	7	3		
1936								8	50	59	20	18	12	25	6	8	8	12	9	2	4	8	12	17	15	12	11	4	21	17	8				
1937					31		28	31		5	23	6	6	11	16	52	9	17	21	12	8	11	3	5	8	15	18	19	9		1				
1938										34	27	33	18	26	16	29	18	9	12	6	16	12	20	11	8	12	13	5	6	17	13	4			
1939						4		7	29	37	10	25	18	44	12	34	21	15	6	8	11	5	4	11	16	10	15	7	13	3					
1940					1	5	5	22	36	42	12	23	26	14	5	7	17	16	26	10	10	8	6	14	9	16	15	9	10	2					
1941										59	34	20	17	34	20	24	14	16	29	8	3	7	14	3	6	12	5	5	22	8	3	2			
1942									5	57	36	20	19	31	15	18	25	15	9	12	11	13	9	6	5	9	12	5	8	8	15	2			
1943									2	28	62	28	42	30	16	6	9	11	14	6	3	8	12	15	12	13	11	7	10	15	5				
1944						24	50	17	19	35	36	23	12	14	4	13	15	6	7	6	7	3	4	5	4	9	9	10	16	16	1	1			
1945								37	83	34	16	33	2	1		1	8	5	6	10	10	3	8	6	7	20	29	17	19	5	3	2			
1946									1	40	45	25	4	18	22	38	29	20	10	7	9	8	18	21	15	17	4	3	11						
1947										5	74	19	12	22	12	32	18	9	11	18	14	6	7		5	30	24	10	22	13	1	1			
1948									6	20	56	20	23	33	14	26	15	29	11	6	16	13	9	10	15	9	8	6	15	6					
1949							6	12	12	42	25	61	26	17	5	15	9	10	4	2	3	8	8	17	9	17	13	5	6	12	7	9	5		
1950							1	26	52	36	13	17	15	27	18	26	16	14	6	11	14	8	5	9	5	12	10	6	8	5	5				
1951								38	37	31	40	14	18	18	10	12	5	5	11	6	11	13	7	7	9	6	12	11	18	10	10	2	1	2	1
1952								12	32	49	29	3	16	34	13	16	16	11	7	5	11	2	5	15	6	21	11	7	11	14	6	1	11	2	
1953							1	37	76	24	25	20	14	14	6	5	11	15	29	4	6	2	7	8	8	9	5	8	9	11	4	4	2	1	
1954					4	9	32	59	22	21	9	22	24	17	11	9	11	13	15	9	10	8	21	14	10	12	3								
1955						11	20	10	19	31	25	19	16	24	14	12	10	26	14	8	6	14	15	18	13	17	5	10	8						

06725500 MIDDLE BOULDER CREEK AT NEDERLAND, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MIDDLE BOULDER CREEK AT NEDERLAND, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1956								7	66	38	29	16	25	22	10	15	8	6	12	6	15	8	6	14	8	12	9	4	3	12	9	6			
1957							1	7	45	58	36	33	6	2	2	2	8	10	15	13	6	4	10	10	10	12	14	5	10	8	10	14	11	3	
1958									5	34	50	38	8	12	10	32	27	21	28	8	6	5	7	6	7	6	10	4	18	2	8	8	5		
1959									1	50	84	36	9	14	3	15	9	13	9	5	15	9	11	10	18	16	8	5	11	3	12	9			
1960									8	18	27	31	15	16	16	16	9	29	30	21	23	10	6	12	8	9	11	13	16	6	13	3			
1961									18	49	56	23	13	26	10	10	3	3	12	15	12	15	23	17	5	5	7	5	16	15	7				
1962											5	60	25	39	19	23	13	17	10	12	12	20	10	9	15	22	11	12	14	13	3	1			
1963		2	4	3	3	13	12	34	28	21	18	16	2	16	4	9	16	18	15	16	22	17	11	10	6	16	23	8	2						
1964								1	45	60	35	11	19	40	14	20	7	12	10	6	3	4	11	5	5	15	17	14	12						
1965								23	52	41	55	15	1	3	2	6	4	16	18	8	8	7	5	15	7	5	6	15	12	14	11	13	3		
1966									3	49	28	24	22	45	23	25	15	16	18	4	14	18	13	14	20	14									
1967					4	1	6	16	61	20	32	19	7	9	9	21	21	16	23	10	11	6	3	3	9	6	9	16	21	6					
1968									1	49	50	20	10	33	19	23	15	19	11	3	16	7	6	15	11	10	16	2	7	16	7				
1969							19	14	8	35	27	15	13	31	21	14	13	10	19	14	10	7	6	4	6	8	12	9	13	16	13	8			
1970								3	5	30	43	26	20	31	9	15	29	14	23	8	7	5	8	10	5	10	6	5	13	16	16	8			
1971										5	73	9	18	24	21	16	11	19	26	9	8	22	13	13	8	9	7	9	19	11	4	11			
1972									7	57	31	17	22	24	17	17	18	19	25	14	17	15	4	8	4	10	9	8	8	6	4	4	1		
1973								1	52	48	21	21	16	16	19	23	12	8	7	14	8	5	6	12	7	8	17	10	14	6	9	5			
1974										23	83	31	14	33	10	19	5	16	13	8	8	7	8	2	5	23	16	7	12	9	11	2			
1975									5	45	42	45	11	34	16	11	7	20	19	7	6	4	11	2	12	12	6	9	13	19	8	1			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	21914	100.0	12	9.2	933	13894	63.4	24	94	536	4241	19.3
1	1.00	2	21914	100.0	13	11.0	1391	12961	59.1	25	110	760	3705	16.9
2	1.30	5	21912	100.0	14	14.0	756	11570	52.8	26	140	675	2945	13.4
3	1.60	3	21907	100.0	15	16.0	1110	10814	49.3	27	170	499	2270	10.3
4	2.00	44	21904	100.0	16	20.0	805	9704	44.3	28	200	750	1771	8.0
5	2.40	86	21860	99.8	17	24.0	917	8899	40.6	29	250	457	1021	4.6
6	2.90	263	21774	99.4	18	29.0	903	7982	36.4	30	300	313	564	2.5
7	3.50	794	21511	98.2	19	36.0	512	7079	32.3	31	360	166	251	1.1
8	4.30	1444	20717	94.5	20	43.0	610	6567	30.0	32	440	62	85	.3
9	5.20	2134	19273	87.9	21	53.0	513	5957	27.2	33	540	21	23	.1
10	6.30	1852	17139	78.2	22	64.0	581	5444	24.8	34	650	2	2	
11	7.60	1393	15287	69.8	23	78.0	622	4863	22.2					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MIDDLE BOULDER CREEK AT NEDERLAND, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1909	526.0	8	486.0	9	436.0	8	394.0	8	358.0	5	278.0	7	224.0	7	186.0	7	132.0	7
1910	220.0	57	213.0	56	193.0	56	169.0	56	140.0	57	113.0	57	97.0	57	82.0	56	62.0	56
1918	651.0	2	604.0	1	562.0	2	515.0	2	413.0	1	306.0	2	243.0	3	199.0	4	139.0	4
1919	244.0	53	241.0	51	231.0	50	226.0	45	179.0	51	148.0	52	123.0	50	102.0	50	73.0	50
1920	332.0	38	324.0	35	300.0	35	275.0	33	262.0	30	233.0	21	195.0	16	169.0	14	119.0	16
1921	624.0	3	588.0	3	570.0	1	521.0	1	409.0	2	304.0	3	242.0	4	202.0	2	142.0	2
1922	334.0	36	287.0	40	260.0	41	223.0	46	192.0	48	152.0	51	122.0	51	101.0	51	71.0	53
1923	402.0	21	371.0	24	336.0	26	312.0	25	283.0	22	255.0	14	213.0	12	174.0	12	122.0	13
1924	505.0	12	486.0	10	416.0	13	339.0	18	279.0	23	230.0	23	188.0	23	151.0	28	106.0	27
1925	153.0	59	149.0	59	134.0	59	124.0	58	108.0	58	88.0	60	79.0	59	72.0	58	60.0	57
1926	526.0	9	510.0	6	426.0	10	360.0	14	330.0	9	273.0	8	230.0	6	197.0	5	138.0	5
1927	268.0	48	268.0	44	248.0	44	223.0	47	214.0	43	190.0	40	168.0	34	145.0	29	105.0	29
1928	358.0	33	321.0	36	310.0	29	280.0	29	224.0	40	221.0	29	188.0	24	158.0	20	109.0	23
1929	268.0	49	261.0	47	246.0	47	234.0	42	231.0	38	190.0	41	167.0	35	138.0	33	99.0	31
1930	276.0	46	266.0	46	239.0	49	231.0	43	202.0	46	154.0	50	133.0	45	116.0	43	88.0	41
1931	312.0	42	282.0	41	257.0	42	218.0	49	198.0	47	158.0	48	119.0	52	97.0	54	68.0	55
1932	282.0	45	268.0	45	247.0	45	230.0	44	209.0	44	183.0	42	151.0	41	122.0	41	85.0	43
1933	411.0	19	402.0	16	380.0	16	351.0	15	317.0	12	234.0	19	173.0	32	136.0	37	95.0	36
1934	228.0	55	225.0	54	205.0	55	190.0	55	174.0	52	130.0	55	100.0	56	80.0	57	57.0	58
1935	528.0	7	476.0	12	426.0	11	378.0	11	317.0	13	244.0	16	191.0	20	152.0	26	106.0	28
1936	348.0	34	329.0	32	305.0	30	276.0	32	262.0	31	234.0	20	194.0	17	166.0	15	117.0	17
1937	321.0	40	257.0	50	228.0	51	202.0	51	173.0	54	168.0	44	138.0	43	113.0	44	82.0	44
1938	398.0	22	375.0	22	340.0	24	322.0	22	311.0	14	250.0	15	199.0	15	165.0	16	120.0	14
1939	288.0	43	271.0	43	246.0	46	219.0	48	202.0	45	163.0	47	133.0	46	108.0	46	76.0	47
1940	270.0	47	259.0	48	240.0	48	195.0	53	190.0	49	157.0	49	130.0	48	106.0	47	78.0	46
1941	398.0	23	368.0	25	312.0	28	253.0	39	242.0	35	205.0	33	160.0	39	128.0	39	89.0	38
1942	377.0	29	367.0	27	338.0	25	325.0	20	300.0	20	227.0	26	175.0	29	142.0	30	99.0	32
1943	332.0	39	306.0	39	288.0	38	273.0	35	245.0	34	199.0	37	167.0	36	139.0	32	98.0	33
1944	365.0	32	330.0	31	296.0	37	280.0	30	256.0	32	211.0	31	164.0	38	129.0	38	87.0	42
1945	393.0	25	365.0	28	328.0	27	267.0	37	240.0	36	211.0	32	186.0	26	162.0	18	114.0	19
1946	248.0	51	240.0	52	222.0	52	216.0	50	170.0	55	127.0	56	115.0	54	97.0	55	71.0	54
1947	386.0	27	331.0	30	276.0	39	255.0	38	232.0	37	203.0	35	184.0	27	165.0	17	119.0	15
1948	263.0	50	257.0	49	253.0	43	242.0	41	220.0	42	167.0	45	134.0	44	112.0	45	79.0	45
1949	521.0	10	495.0	8	464.0	6	425.0	5	357.0	6	270.0	10	216.0	10	179.0	8	123.0	11
1950	315.0	41	310.0	38	304.0	31	273.0	36	221.0	41	170.0	43	130.0	49	105.0	49	73.0	51
1951	680.0	1	595.0	2	518.0	5	390.0	9	306.0	18	264.0	11	216.0	11	176.0	11	122.0	12
1952	558.0	6	544.0	5	533.0	4	491.0	3	395.0	4	287.0	5	239.0	5	196.0	6	136.0	6
1953	567.0	5	505.0	7	426.0	12	365.0	13	309.0	15	227.0	27	173.0	30	137.0	34	95.0	37
1954	159.0	58	153.0	58	139.0	58	117.0	59	98.0	60	94.0	58	77.0	60	64.0	60	47.0	60
1955	222.0	56	216.0	55	209.0	54	199.0	52	174.0	53	140.0	54	118.0	53	99.0	52	71.0	52

06725500 MIDDLE BOULDER CREEK AT NEDERLAND, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MIDDLE BOULDER CREEK AT NEDERLAND, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1956	412.0	18	381.0	21	359.0	21	346.0	16	307.0	17	221.0	28	173.0	31	141.0	31	98.0	34
1957	604.0	4	578.0	4	540.0	3	479.0	4	404.0	3	346.0	1	274.0	1	228.0	1	159.0	1
1958	508.0	11	482.0	11	454.0	7	404.0	7	346.0	8	262.0	12	200.0	14	158.0	21	110.0	20
1959	415.0	17	406.0	15	382.0	15	369.0	12	322.0	10	239.0	17	190.0	21	156.0	22	109.0	21
1960	375.0	30	374.0	23	345.0	23	318.0	23	294.0	21	238.0	18	194.0	18	159.0	19	115.0	18
1961	333.0	37	317.0	37	297.0	36	284.0	28	272.0	25	215.0	30	168.0	33	137.0	35	103.0	30
1962	380.0	28	328.0	33	301.0	34	292.0	26	256.0	33	201.0	36	177.0	28	152.0	27	107.0	25
1963	246.0	52	210.0	57	188.0	57	160.0	57	155.0	56	141.0	53	112.0	55	97.0	53	74.0	48
1964	239.0	54	232.0	53	222.0	53	194.0	54	185.0	50	164.0	46	132.0	47	106.0	48	74.0	49
1965	470.0	13	453.0	13	431.0	9	406.0	6	350.0	7	299.0	4	245.0	2	200.0	3	140.0	3
1966	134.0	60	129.0	60	121.0	60	111.0	60	107.0	59	94.0	59	82.0	58	69.0	59	50.0	59
1967	285.0	44	282.0	42	263.0	40	243.0	40	225.0	39	197.0	38	153.0	40	123.0	40	88.0	39
1968	335.0	35	327.0	34	304.0	32	278.0	31	269.0	27	204.0	34	167.0	37	137.0	36	97.0	35
1969	395.0	24	390.0	19	374.0	19	317.0	24	309.0	16	271.0	9	222.0	8	179.0	9	126.0	8
1970	392.0	26	386.0	20	376.0	17	342.0	17	303.0	19	279.0	6	222.0	9	178.0	10	125.0	9
1971	420.0	16	413.0	14	406.0	14	381.0	10	319.0	11	260.0	13	206.0	13	170.0	13	124.0	10
1972	448.0	14	398.0	17	376.0	18	328.0	19	264.0	29	193.0	39	148.0	42	120.0	42	88.0	40
1973	405.0	20	394.0	18	365.0	20	274.0	34	272.0	26	229.0	24	188.0	25	153.0	25	106.0	26
1974	372.0	31	365.0	29	355.0	22	322.0	21	267.0	28	228.0	25	192.0	19	156.0	23	109.0	22
1975	434.0	15	368.0	26	302.0	33	284.0	27	276.0	24	232.0	22	190.0	22	154.0	24	108.0	24

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MIDDLE BOULDER CREEK AT NEDERLAND, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1909	4.00	32	4.70	39	4.70	38	4.90	37	5.50	42	6.20	49	6.60	51	7.00	43	9.80	40
1910	3.00	16	3.80	24	4.30	29	4.70	32	5.00	33	5.30	34	5.90	37	7.60	54	12.00	54
1918	4.00	33	4.40	38	4.50	35	4.70	33	5.00	34	5.10	32	5.80	35	6.50	36	8.00	28
1919	3.30	21	3.40	16	3.60	16	3.80	16	4.00	14	4.50	15	4.80	20	5.70	27	12.00	55
1920	4.00	34	4.10	33	4.40	33	4.70	34	4.70	30	4.90	29	5.10	25	5.40	23	7.90	24
1921	3.70	28	4.30	36	4.70	39	5.00	38	5.00	35	5.40	35	6.00	38	7.00	44	10.00	41
1922	3.20	20	3.50	20	3.90	20	4.10	23	4.30	22	4.60	18	5.50	31	6.70	39	8.00	25
1923	4.30	40	4.30	37	4.30	30	4.30	27	4.50	27	4.80	25	5.20	26	5.80	29	7.80	21
1924	5.00	53	5.10	52	5.20	46	5.60	51	5.80	51	6.20	50	6.30	45	7.30	50	13.00	57
1925	1.30	2	3.40	17	4.60	36	4.70	35	5.30	37	5.50	37	5.60	32	6.30	33	11.00	46
1926	4.80	51	4.90	46	5.00	43	5.20	41	5.40	38	5.60	38	6.20	44	7.50	52	13.00	58
1927	3.50	24	3.50	18	3.50	13	3.50	10	3.50	9	3.70	7	4.00	7	4.80	11	7.40	19
1928	2.20	5	2.60	6	3.60	14	4.20	24	5.50	39	6.20	51	6.80	55	7.70	55	12.00	56
1929	3.80	29	3.80	25	4.00	24	4.20	25	4.40	23	4.50	16	4.70	16	4.90	15	7.90	22
1930	4.60	45	4.80	40	4.90	41	5.40	45	5.70	46	5.90	43	6.10	39	6.10	30	11.00	47
1931	3.00	17	3.00	11	3.00	8	3.00	8	3.00	7	3.00	2	3.40	4	3.60	1	6.40	7
1932	4.00	35	4.00	28	4.00	25	4.00	19	4.00	15	4.00	10	4.00	8	4.30	6	6.90	16
1933	2.80	11	2.80	10	2.80	6	2.80	5	2.90	3	3.30	6	3.80	6	4.40	7	6.20	5
1934	3.40	22	3.70	21	3.90	21	3.90	17	4.20	20	4.60	19	4.70	17	5.10	18	6.50	8
1935	3.00	12	4.00	29	4.00	22	4.10	20	4.30	21	4.60	20	4.70	18	4.80	12	6.10	4
1936	4.00	36	4.00	30	4.10	26	4.30	28	4.50	28	4.80	26	4.90	21	5.20	20	6.80	14
1937	2.00	3	2.00	2	2.00	2	2.00	2	2.00	1	2.70	1	3.20	1	4.10	5	7.90	23
1938	5.20	56	5.20	53	5.30	50	5.60	52	6.00	55	6.40	52	7.00	57	7.90	56	11.00	48
1939	2.40	10	2.60	7	3.40	11	3.70	14	4.00	16	4.60	21	5.30	28	6.10	31	9.70	39
1940	2.30	7	2.60	8	3.00	9	3.60	11	3.80	11	4.60	22	4.60	13	4.90	13	6.90	15
1941	5.20	57	5.50	56	5.60	56	5.80	56	5.90	52	6.00	44	6.50	47	7.00	45	11.00	49
1942	4.40	41	5.00	50	5.10	44	5.40	46	5.70	47	5.80	41	6.10	40	6.60	37	10.00	42
1943	4.50	42	4.90	47	5.20	47	5.30	42	5.70	48	6.40	53	6.60	52	7.10	49	8.50	31
1944	2.40	8	2.60	9	2.80	7	2.90	6	3.00	4	3.20	3	3.40	2	3.70	2	5.80	3
1945	3.00	13	3.30	14	4.00	23	4.10	21	4.10	17	4.20	11	4.30	9	4.40	8	5.60	2
1946	4.50	43	5.50	57	5.60	57	5.70	53	5.80	49	6.10	47	6.50	48	7.00	46	11.00	43
1947	6.00	58	6.10	58	6.30	59	6.40	59	6.40	58	6.60	57	6.90	56	8.10	57	12.00	50
1948	4.60	46	4.90	48	5.50	53	6.00	57	6.10	56	6.40	54	6.70	53	7.50	53	12.00	51
1949	3.00	14	3.10	12	3.40	12	3.70	12	4.20	18	4.90	27	5.60	33	6.40	34	8.10	29
1950	3.00	15	3.40	15	3.80	18	4.00	18	4.20	19	4.60	23	4.60	14	4.90	14	8.00	26
1951	3.50	25	3.70	22	3.70	17	3.80	15	4.00	12	4.30	12	4.60	15	5.00	16	6.60	12
1952	4.10	37	4.10	31	4.30	31	4.40	29	4.40	24	4.80	24	5.30	29	5.70	28	8.70	32
1953	3.40	23	3.50	19	3.60	15	3.70	13	4.00	13	4.40	13	4.50	11	4.60	9	6.50	9
1954	2.20	6	2.40	4	2.50	3	2.60	3	3.00	5	3.30	4	3.40	3	3.70	3	4.90	1
1955	2.40	9	2.40	5	2.50	4	2.80	4	3.00	6	3.80	8	4.50	12	5.20	21	9.40	37
1956	3.90	30	3.90	26	4.10	27	4.20	26	4.40	25	4.50	17	4.80	19	5.10	19	6.80	13
1957	3.70	26	4.10	32	4.30	28	4.50	30	4.60	29	5.00	30	5.20	27	5.40	22	7.00	17
1958	3.10	18	5.00	49	5.20	48	5.40	47	5.60	43	6.00	45	6.60	49	7.00	47	12.00	52
1959	5.00	52	5.40	55	5.60	54	5.70	54	5.90	53	6.10	48	6.20	41	6.50	35	7.40	18
1960	4.70	47	4.80	41	4.80	40	5.40	48	5.80	50	6.40	55	7.30	59	8.40	59	15.00	59
1961	4.70	48	4.80	42	5.00	42	5.10	40	5.20	36	5.40	36	5.70	34	6.10	32	8.00	27
1962	6.30	60	7.20	60	7.40	60	7.90	60	8.20	60	8.40	60	8.80	60	9.80	60	18.00	60
1963	1.10	1	1.30	1	1.40	1	1.90	1	2.30	2	3.30	5	3.50	5	4.00	4	6.50	10
1964	4.10	38	4.20	34	4.60	37	4.70	36	4.90	32	5.20	33	5.40	30	5.50	24	7.50	20
1965	3.70	27	3.80	23	3.90	19	4.10	22	4.50	26	5.00	31	5.00	22	5.00	17	6.30	6

06725500 MIDDLE BOULDER CREEK AT NEDERLAND, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MIDDLE BOULDER CREEK AT NEDERLAND, CO.

YEAR	1	3	7	14	30	60	90	120	183
1966	4.70 49	4.80 43	5.30 51	5.40 49	5.50 40	5.80 42	6.20 42	7.00 48	11.00 44
1967	2.00 4	2.10 3	2.50 5	2.90 7	3.60 10	4.00 9	4.30 10	4.70 10	6.60 11
1968	5.10 54	5.30 54	5.50 52	5.60 50	5.90 54	6.60 58	6.40 46	6.70 40	9.40 38
1969	3.10 19	3.10 13	3.20 10	3.20 9	3.50 8	4.40 14	5.00 23	5.70 25	8.80 33
1970	4.00 31	4.00 27	4.50 34	5.00 39	5.60 44	6.00 46	6.60 50	7.40 51	11.00 45
1971	6.00 59	6.10 59	6.20 58	6.40 58	6.50 59	6.70 59	7.10 58	8.10 58	12.00 53
1972	4.50 44	4.80 44	5.20 49	5.30 43	5.60 45	5.70 39	5.90 36	6.70 41	9.10 36
1973	4.10 39	4.20 35	4.40 32	4.60 31	4.80 31	4.90 28	5.10 24	5.70 26	8.50 30
1974	5.10 55	5.10 51	5.60 55	5.80 55	6.10 57	6.40 56	6.70 54	6.90 42	9.00 35
1975	4.70 50	4.90 45	5.10 45	5.30 44	5.50 41	5.80 40	6.20 43	6.60 38	8.80 34

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
17.6	11.7	7.30	5.53	5.15	6.44	23.3	129	241	133	52.3	24.4
52.7	16.5	4.38	1.80	1.34	3.74	137	1649	5802	3603	578	119
7.26	4.07	2.09	1.34	1.16	1.93	11.7	40.6	76.2	60.0	24.0	10.9
1.54	0.69	0.50	-0.19	0.12	1.81	1.10	0.80	-0.10	1.05	0.76	1.29
0.41	0.35	0.29	0.24	0.22	0.30	0.50	0.31	0.32	0.45	0.46	0.45
2.68	1.78	1.11	0.84	0.78	0.98	3.55	19.7	36.7	20.2	7.96	3.71

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.21	1.04	0.85	0.73	0.70	0.79	1.32	2.09	2.36	2.08	1.67	1.35
0.03	0.02	0.02	0.01	0.01	0.01	0.04	0.02	0.03	0.04	0.04	0.03
0.16	0.15	0.13	0.12	0.10	0.12	0.21	0.13	0.16	0.20	0.20	0.18
0.42	-0.06	-0.10	-1.18	-0.50	0.47	0.08	0.16	-1.14	-0.43	-0.15	0.19
0.13	0.15	0.15	0.16	0.15	0.15	0.16	0.06	0.07	0.10	0.12	0.14
7.50	6.44	5.22	4.50	4.32	4.90	8.14	12.9	14.6	12.8	10.3	8.33

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
54.4	163	12.8	-0.04	0.23	-0.161

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.72	0.01	0.11	-0.58	0.06	-0.138

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MIDDLE BOULDER CREEK AT NEDERLAND, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1912					31	29	62	1	3	7	31	16	8	10	19	19	16	7	3	14	3	4	3	4	3	7	12	16	19	8	6	5			
1913			2	12	14	60	39	1	1	1	3	10	10	9	21	43	19	8	13	10	3	11	14	15	28	16	1	1							
1914						62	5	37	11	5	7	7	23	11	23	22	27	14	11	7	5	6	11	12	3	2	9	7	5	12	12	4	1	3	1
1915		1	8	29	51	12	13	6	18	6	4	9	20	6	16	13	15	15	12	11	10	9	12	9	9	12	12	13	7	3	4				
1916					12	18	32	19	7	7	20	41	14	6	18	28	11	14	9	8	22	13	12	11	14	11	9	9	1						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1827	100.0	12	15.0	75	1057	57.9	24	120	57	285	15.5
1	2.10	1	1827	100.0	13	18.0	42	982	53.7	25	140	48	228	12.4
2	2.60	10	1826	99.9	14	21.0	97	940	51.5	26	170	43	180	9.8
3	3.10	41	1816	99.4	15	25.0	125	843	46.1	27	200	46	137	7.4
4	3.70	108	1775	97.2	16	30.0	88	718	39.3	28	240	32	91	4.9
5	4.40	181	1667	91.2	17	35.0	58	630	34.5	29	280	23	59	3.2
6	5.20	151	1486	81.3	18	42.0	48	572	31.3	30	340	22	36	1.9
7	6.20	64	1335	73.1	19	50.0	50	524	28.7	31	400	9	14	.7
8	7.40	40	1271	69.6	20	60.0	43	474	25.9	32	480	1	5	.2
9	8.80	26	1231	67.4	21	71.0	43	431	23.6	33	570	3	4	.2
10	10.00	65	1205	66.0	22	84.0	52	388	21.2	34	680	1	1	
11	12.00	83	1140	62.4	23	100.0	51	336	18.4					

06725500 MIDDLE BOULDER CREEK AT NEDERLAND, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MIDDLE BOULDER CREEK AT NEDERLAND, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1912	434.0	2	413.0	2	402.0	2	325.0	2	297.0	2	263.0	2	224.0	2	178.0	2	124.0	2
1913	206.0	5	182.0	5	169.0	5	164.0	5	142.0	5	130.0	5	116.0	5	96.0	5	74.0	5
1914	698.0	1	663.0	1	570.0	1	455.0	1	390.0	1	299.0	1	231.0	1	184.0	1	129.0	1
1915	363.0	3	351.0	3	337.0	3	283.0	3	242.0	3	198.0	3	166.0	3	139.0	3	101.0	3
1916	253.0	4	238.0	4	217.0	4	203.0	4	181.0	4	145.0	4	124.0	4	108.0	4	79.0	4

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MIDDLE BOULDER CREEK AT NEDERLAND, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1912	4.00	4	4.00	3	4.00	3	4.00	3	4.00	2	4.50	2	4.80	3	5.10	3	9.20	2
1913	2.80	2	3.10	2	3.50	2	3.90	2	4.30	3	4.60	3	4.70	2	4.90	2	9.20	3
1914	5.00	5	5.00	5	5.00	5	5.00	5	5.00	5	5.00	4	5.50	4	6.00	4	12.00	4
1915	2.20	1	2.70	1	3.20	1	3.30	1	3.50	1	3.80	1	3.80	1	4.20	1	8.30	1
1916	4.00	3	4.20	4	4.40	4	4.60	4	4.90	4	5.30	5	5.80	5	7.20	5	12.00	5

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.38	1.12	0.74	0.66	0.71	0.80	1.34	2.07	2.34	2.12	1.72	1.48
0.00	0.00	0.01	0.01	0.01	0.03	0.03	0.02	0.03	0.03	0.02	0.01
0.07	0.05	0.09	0.07	0.08	0.18	0.17	0.14	0.18	0.17	0.14	0.09
0.39	1.79	0.55	-0.48	-0.15	0.46	-2.16	0.83	-0.42	0.52	-0.67	1.12
0.05	0.04	0.13	0.11	0.11	0.22	0.13	0.07	0.08	0.08	0.08	0.06
8.34	6.78	4.52	4.01	4.30	4.86	8.14	12.5	14.2	12.9	10.5	8.97

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
23.9	13.2	5.66	4.64	5.18	6.77	23.1	123	236	141	55.0	30.7
14.2	2.50	1.60	0.56	0.83	8.33	47.3	1828	8217	3422	264	44.3
3.77	1.58	1.27	0.75	0.91	2.89	6.88	42.8	90.6	58.5	16.3	6.66
0.63	1.87	0.96	-0.36	0.32	1.14	-2.07	1.28	0.21	1.15	0.15	1.33
0.16	0.12	0.22	0.16	0.18	0.43	0.30	0.35	0.38	0.42	0.30	0.22
3.59	1.98	0.85	0.70	0.78	1.01	3.46	18.4	35.3	21.1	8.25	4.59

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
55.8	161	12.7	0.13	0.23	-0.672

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.74	0.01	0.10	-0.04	0.06	-0.685

06726000 NORTH BOULDER CREEK AT SILVER LAKE, COLO.

LOCATION.--Lat 40°01'40", long 105°34'30", in NW¼ sec.28, T.1 N., R.73 W., Boulder County, at outlet of Silver Lake and 5 mi (8 km) southwest of Ward.

DRAINAGE AREA.--8.70 mi² (22.5 km²).

REMARKS.--No diversion above station. Flow regulated by storage in Silver Lake (capacity, 2,080 acre-ft or 2.56 hm³).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH BOULDER CREEK AT SILVER LAKE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1914							13	85	41	18	8	17	14	22	8	11	2	7	1	9	8	8	10	5	7	3	13	29	10	8	5	1	2		
1915					1	1			1	20	101	37	27	15	12	12	10	4	6	10	8	17	13	14	14	10	4	13	9	3	3				
1916		1		3	4	4	5	19	26	48	55	24	16	20	12	6	6	16	17	10	6	7	20	18	20	3									
1917		2	17	24	13	2	4	3	11	19	28	39	56	18	3	13	4	3	5	16	8	8	5	8	14	10	4	9	13	6					
1918									37	68	52	16	9	8	4	11	21	19	11	3	13	3	4	7	20	9	7	17	8	5	8	5			
1919								10	53	30	12	20	29	13	5	12	11	17	22	17	36	17	9	19	9	18	6								
1920					32	35	11	24	23	2	29	9	11	3	8	16	22		7	2	1		1	2	11	24	2	3	9	15	10	18	26	8	2

06726000 NORTH BOULDER CREEK AT SILVER LAKE, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH BOULDER CREEK AT SILVER LAKE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1921																1	10	47	42	52	19	10	15	15	26	34	33	20	3	16	3	11	8		
1922														6	12	23	11	10	15	30	48	42	22	19	52	24	26	21				4			
1923							1	2	16	6	32	17	23	27	10	2	14	4	1	3	26	17	18	22	22	20	8	38	25	3	7		1		
1924																	41	162	77	5	2	49	2	6	4		18								
1925																1	2	9	10	16	12	54	46	115	85	6	9								
1926										7	69	38	19	11	12	14	28	5	10	15	25		5	4	18	4	23	11	22	20	5				
1927													4	1	1	14	31	97	77	21	23	3	24	7	7	7	12	25	6	5					
1928										15	83	57	3	15	4	7	16	28	16	19	3	6	2	6	15	15	18	6	11	17	4				
1932									2	120	51	7	8	18	23	10	13	6	8	8	5	10	11	14	9	5	15	8	8	6		1			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5845	100.0	12	6.9	219	4165	71.3	24	47	333	1283	21.9
1	1.10	3	5845	100.0	13	8.1	177	3946	67.5	25	55	192	950	16.2
2	1.40	17	5842	99.9	14	9.5	114	3769	64.5	26	64	198	758	12.9
3	1.70	27	5825	99.7	15	11.0	153	3655	62.5	27	75	200	560	9.5
4	1.90	50	5798	99.2	16	13.0	242	3502	59.9	28	88	124	360	6.1
5	2.30	42	5748	98.3	17	15.0	434	3260	55.8	29	100	104	236	4.0
6	2.70	34	5706	97.6	18	18.0	325	2826	48.3	30	120	45	132	2.2
7	3.10	143	5672	97.0	19	21.0	236	2501	42.8	31	140	40	87	1.4
8	3.70	210	5529	94.6	20	25.0	243	2265	38.8	32	170	37	47	.8
9	4.30	353	5319	91.0	21	29.0	251	2022	34.6	33	200	8	10	.1
10	5.00	520	4966	85.0	22	34.0	207	1771	30.3	34	230	2	2	
11	5.90	281	4446	76.1	23	40.0	281	1564	26.8					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH BOULDER CREEK AT SILVER LAKE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1914	192.0	3	170.0	3	131.0	5	113.0	6	107.0	4	93.0	5	80.0	5	66.0	5	46.0	6
1915	131.0	9	128.0	8	113.0	8	99.0	8	90.0	8	71.0	10	60.0	10	51.0	10	38.0	11
1916	57.0	16	55.0	16	52.0	16	51.0	16	49.0	16	44.0	15	37.0	16	32.0	16	23.0	16
1917	105.0	12	103.0	12	101.0	11	93.0	9	85.0	11	71.0	11	58.0	12	47.0	12	32.0	13
1918	164.0	5	162.0	4	148.0	3	136.0	3	111.0	3	92.0	6	77.0	6	63.0	6	44.0	7
1919	71.0	14	68.0	15	64.0	15	61.0	14	59.0	13	51.0	13	43.0	14	39.0	14	29.0	14
1920	294.0	1	272.0	1	231.0	1	210.0	1	201.0	1	175.0	1	151.0	1	129.0	1	89.0	1
1921	198.0	2	192.0	2	184.0	2	166.0	2	141.0	2	114.0	2	95.0	2	83.0	2	62.0	2
1922	147.0	6	144.0	6	97.0	12	77.0	12	75.0	12	66.0	12	61.0	9	60.0	8	51.0	5
1923	170.0	4	145.0	5	138.0	4	120.0	4	106.0	5	94.0	4	86.0	4	75.0	4	52.0	4
1924	70.0	15	70.0	14	70.0	13	70.0	13	56.0	14	43.0	16	37.0	15	32.0	15	27.0	15
1925	74.0	13	71.0	13	66.0	14	56.0	15	54.0	15	50.0	14	47.0	13	46.0	13	44.0	8
1926	133.0	8	131.0	7	125.0	6	115.0	5	104.0	6	98.0	3	88.0	3	76.0	3	55.0	3
1927	110.0	11	110.0	11	103.0	10	92.0	10	86.0	9	76.0	8	64.0	8	54.0	9	43.0	9
1928	124.0	10	122.0	9	118.0	7	111.0	7	102.0	7	87.0	7	76.0	7	61.0	7	43.0	10
1932	140.0	7	120.0	10	108.0	9	87.0	11	85.0	10	72.0	9	59.0	11	49.0	11	35.0	12

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH BOULDER CREEK AT SILVER LAKE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1915	2.00	6	3.00	6	3.00	6	3.10	5	3.40	4	5.20	5	5.30	5	5.30	5	5.70	1
1916	1.70	3	1.80	2	2.10	4	2.60	4	3.40	5	4.40	4	4.70	4	4.80	3	6.10	2
1917	1.19	1	1.80	3	2.90	5	3.30	6	3.60	6	5.50	6	5.90	7	6.00	7	6.30	3
1918	1.30	2	1.50	1	1.50	1	1.50	1	1.70	1	4.20	3	4.50	2	4.70	2	5.80	4
1919	3.30	8	3.40	7	3.50	7	3.60	7	3.80	7	4.00	2	4.60	3	5.30	4	8.50	6
1920	2.00	4	2.00	4	2.10	2	2.10	2	2.20	2	2.50	1	3.20	1	3.90	1	7.00	5
1921	2.00	5	2.00	5	2.10	3	2.10	3	2.50	3	10.00	11	19.00	13	20.00	13	34.00	14
1922	8.90	13	9.10	13	9.20	13	9.90	13	10.00	13	12.00	12	15.00	11	18.00	12	25.00	12
1923	3.50	9	4.00	9	4.60	9	5.10	11	5.30	10	6.40	9	7.10	9	12.00	9	23.00	11
1924	2.90	7	3.60	8	3.70	8	3.90	8	4.50	8	9.20	10	16.00	12	16.00	10	15.00	9
1925	14.00	14	14.00	14	14.00	14	14.00	14	14.00	14	15.00	14	21.00	14	29.00	14	27.00	13
1926	4.90	11	4.90	11	4.90	10	5.00	9	5.00	9	6.00	8	5.90	8	6.40	8	9.50	7
1927	5.00	12	5.30	12	5.40	12	5.50	12	6.10	12	14.00	13	15.00	10	16.00	11	17.00	10
1928	4.30	10	4.70	10	4.90	11	5.00	10	5.40	11	5.60	7	5.80	6	5.80	6	11.00	8

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
23.7	18.9	13.0	10.6	9.71	10.4	10.3	23.3	72.7	76.1	52.5	28.3
312	281	125	99.1	88.8	90.8	81.6	129	800	826	1547	264
17.7	16.8	11.2	9.96	9.42	9.53	9.03	11.4	28.3	28.7	39.3	16.3
1.05	1.49	1.42	2.33	2.60	1.89	1.20	0.17	0.62	1.19	3.04	1.66
0.75	0.89	0.86	0.94	0.97	0.92	0.88	0.49	0.39	0.38	0.75	0.57
6.78	5.42	3.71	3.04	2.78	2.96	2.94	6.67	20.8	21.8	15.0	8.10

06726000 NORTH BOULDER CREEK AT SILVER LAKE, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.27	1.14	0.98	0.91	0.87	0.88	0.86	1.31	1.83	1.85	1.66	1.40
0.10	0.12	0.11	0.09	0.09	0.12	0.14	0.06	0.03	0.03	0.06	0.05
0.31	0.34	0.34	0.30	0.31	0.34	0.38	0.24	0.17	0.17	0.24	0.21
0.32	0.55	0.68	1.11	1.04	0.55	0.23	-0.55	-0.11	-0.41	0.70	0.71
0.25	0.30	0.34	0.34	0.36	0.39	0.44	0.19	0.09	0.09	0.14	0.15
8.49	7.64	6.57	6.07	5.79	5.87	5.76	8.76	12.3	12.4	11.0	9.36

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
29.2	106	10.3	0.56	0.35	0.423

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.44	0.02	0.15	0.03	0.11	0.407

06727000 BOULDER CREEK NEAR ORODELL, COLO.

LOCATION.--Lat 40°00'23", long 105°19'49", in NE¼SW¼ sec.34, T.1 N., R.71 W., Boulder County, on left bank along State Highway 119, 0.7 mi (1.1 km) southwest of old Orodell, 1.1 mi (1.8 km) upstream from Fourmile Creek, and 2.9 mi (4.7 km) southwest of courthouse in Boulder.

DRAINAGE AREA.--102 mi² (264 km²).

REMARKS.--Flow regulated by Barker Reservoir (capacity, 11,500 acre-ft or 14.2 hm³) since August 1910. Low flow during non-irrigation season regulated by Orodell powerplant 1,500 ft (460 m) upstream from station. Statistical summaries are shown for two periods, water years 1907-9, and water years 1911-14, 1917-75.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BOULDER CREEK NEAR ORODELL, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1907							59	31		30	31	1	2	4	18	12	8	11	8	9	11	11	11	9	5	4	8	14	9	8	13	8	21	9	
1908		31	31	30	1	4	8	21	9	17	6	4	10	8	14	9	7	11	12	20	5	11	22	19	15	17	5	8	7	3	1				
1909		3	8	17	16	25	14	17	14	31	24	3	4	3	6	5	6	4	4	6	7	6	9	24	15	18	10	16	11	1	9	7	6	15	1

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1096	100.0	12	24.0	16	610	55.7	24	150	35	264	24.0
1	4.50	34	1096	100.0	13	28.0	15	594	54.2	25	170	39	229	20.8
2	5.20	39	1062	96.9	14	32.0	38	579	52.8	26	200	23	190	17.3
3	6.10	47	1023	93.3	15	38.0	26	541	49.4	27	230	38	167	15.2
4	7.10	17	976	89.1	16	44.0	21	515	47.0	28	270	27	129	11.7
5	8.30	29	959	87.5	17	51.0	26	494	45.1	29	320	12	102	9.3
6	9.60	81	930	84.9	18	59.0	24	468	42.7	30	370	23	90	8.2
7	11.00	69	849	77.5	19	69.0	35	444	40.5	31	430	15	67	6.1
8	13.00	23	780	71.2	20	81.0	23	409	37.3	32	500	27	52	4.7
9	15.00	78	757	69.1	21	94.0	28	386	35.2	33	580	24	25	2.2
10	18.00	61	679	62.0	22	110.0	42	358	32.7	34	680	1	1	
11	21.00	8	618	56.4	23	130.0	52	316	28.8					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BOULDER CREEK NEAR ORODELL, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1907	675.0	2	658.0	2	634.0	2	589.0	2	553.0	1	467.0	1	402.0	1	336.0	1	244.0	1
1908	373.0	3	361.0	3	334.0	3	295.0	3	253.0	3	206.0	3	182.0	3	160.0	3	123.0	3
1909	698.0	1	664.0	1	641.0	1	615.0	1	550.0	2	430.0	2	355.0	2	307.0	2	232.0	2

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BOULDER CREEK NEAR ORODELL, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1908	4.50	2	4.50	1	4.50	1	4.50	1	4.50	1	5.00	1	5.60	1	7.00	1	13.00	1
1909	5.00	3	5.00	3	5.60	2	6.10	2	6.90	3	8.20	3	9.30	3	10.00	3	14.00	2
1910	3.00	1	4.70	2	6.00	3	6.10	3	6.60	2	7.00	2	7.60	2	8.80	2	16.00	3

06727000 BOULDER CREEK NEAR ORODELL, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BOULDER CREEK NEAR ORODELL, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1911					5	14	14	21	25	28	22	25	26	11	24	8	2	8	7	13	12	10	11	14	9	17	11	12	10	6					
1912							4			4	4	91	15	31	35	16	5	5	5	17	8	6	14	12	15	9	13	10	17	22	4	3	1		
1913											1		2	5	5	60	32	44	34	48	36	17	15	15	14	11	16	9	1						
1914														1	1	15	12	28	59	39	44	33	13	16	15	14	12	18	10	4	9	18	4		
1917															1	67	75	35	48	19	8	4	22	13	19	16	8	5	12	10	3				
1918															2	13	29	38	86	46	31	17	15	14	3	6	8	13	22	8	8	4	2		
1919															1	11	23	35	47	74	69	17	19	13	6	13	17	14	4	1	1				
1920							1	1	1	2	9	11	22	26	44	27	26	22	15	8	10	11	10	12	15	29	26	11	20	7					
1921					1		1	4	6	1	6	5	5	9	18	18	46	49	31	23	8	17	11	11	17	17	9	10	8	6	10	3	1	14	
1922													1	26	16	34	18	36	33	33	21	24	26	21	19	12	11	5	14	14	1				
1923								1	1	1	1	10	12	27	28	48	26	22	28	19	12	11	22	14	10	16	10	7	5	14	12	5	3		
1924																3	11	18	15	52	54	58	55	18	10	18	19	12	7	8		4	4		
1925											5	12	8	3	10	25	33	28	41	49	22	37	26	14	15	24	6	6	1						
1926														3	15	45	53	33	30	17	17	8	14	12	4	19	15	36	11	16	12	3	2		
1927												1	7	7	16	28	26	34	38	40	31	20	13	19	16	25	13	20	7	4					
1928											2	3	7	10	6	23	28	32	30	56	35	17	14	12	6	18	13	13	20	12	9				
1929												2	4	5	30	45	38	33	35	25	19	10	14	27	7	9	18	16	14	14					
1930								1		1	3	4	2	16	26	41	46	34	26	13	8	22	24	14	17	29	16	6	11	5					
1931								1	3	2	5	11	13	25	26	47	48	25	26	14	25	22	14	8	5	4	6	12	20	3					
1932								1	11	5	25	33	24	39	36	30	19	6	8	5	20	12	6	6	10	13	28	16	13						
1933		13			7		3	15	11	16	51	33	15	22	15	2	7	21	10	4	8	31	12	7	5	14	14	10	9	10					
1934					4			1	1		1	3	4	14	10	23	79	64	37	31	19	22	3	9	6	16	9	5	4					
1935					1		8	21	12	43	38	46	12	12	5	4	6	6	8	14	24	17	11	11	16	6	6	8	8	10	3	6	1	2	
1936				1			2	1	1			5	2	3	13	36	43	40	53	14	11	9	15	15	19	21	16	10	11	21	4				
1937									1	2	3	1	1		5	25	41	68	43	39	32	16	7	18	18	20	12	11	2						
1938													2	8	20	34	48	47	27	6	8	18	25	39	16	14	13	11	6	17	4	2			
1939												3	7	12	13	10	26	40	56	52	37	19	9	29	14	13	13	8	4						
1940							1	2	1	11	8	23	27	47	41	32	15	14	14	17	16	10	9	15	17	10	14	14	7	1					
1941				1		1		2	1	2	3	16	12	40	40	37	36	26	15	9	6	20	8	24	9	15	8	16	18						
1942											3	4	3	7	18	16	38	44	52	28	11	23	10	7	9	18	22	31	11	7	3				
1943			1	1				3		3	1	2	5	7	13	23	38	47	44	25	17	22	26	24	11	10	14	9	6	10	3				
1944									2	8	2	9	4	15	29	36	38	45	33	20	18	6	10	9	22	10	12	14	21	3					
1945								1	1	4	9	11	12	27	30	28	19	31	24	30	9	15	24	15	17	15	11	18	10	4					
1946												8	12	17	20	22	21	29	49	40	11	24	36	26	20	9	9	9	3						
1947									1	3	3	17	13	40	28	50	38	16	10	10	7	13	4	11	21	25	10	3	12	7	18	3	1	1	
1948								1		2	2	5	6	6	15	16	17	47	56	32	42	22	31	26	4	4	8	7	15	2					
1949									1	10	21	15	14	7	10	22	39	41	37	14	23	25	15	13	1	7	9	3	15	11	6	6			
1950									1	1	9	14	15	12	14	25	36	41	42	49	23	15	11	5	12	10	14	4	4	8					
1951						3	2	1	8	5	16	30	10	29	24	21	20	23	12	7	9	23	33	4	8	15	10	16	9	16	8	1	2		
1952									2	4	1	4	4	6	15	16	14	15	22	48	67	23	7	8	33	26	15	3	13	6	3	4	7		
1953							2	4	2	11	5	7	9	12	19	20	30	14	41	54	32	22	9	7	6	15	3	13	19	7	2				
1954								3	5	6	8	13	22	42	18	41	23	37	36	24	11	8	19	27	12	7	3								
1955								2		3	18	41	48	35	16	20	24	18	11	14	22	14	13	21	12	8	14	8	3						
1956			2			2	4	7	23	44	34	14	17	16	6	13	10	8	17	32	28	13	13	9	6	14	3	3	5	20	3				
1957					2	3	4	4	12	36	41	24	7	4	11	5	9	24	9	8	22	12	9	5	12	11	6	24	16	11	16	8	7	3	
1958														5	6	16	18	29	31	104	44	26	13	13	13	4	6	10	15	5	5	2			
1959									1	3	1	3	2	20	17	12	19	30	29	67	42	13	16	30	8	16	9	12	5	9	1				
1960												3	4	11	29	5	2	7	12	115	45	25	16	23	21	6	6	11	14	4	6	1			
1961							4	10	2	10	9	5	3	11	10	10	10	33	31	55	27	36	12	21	26	10	8	6	8	8					
1962												3		8	7	11	13	18	30	103	39	11	19	33	26	13	8	17	4	2					
1963						3	4	4		10	15	7	1	1	11	18	10	16	59	65	43	17	18	22	16	18	5	2							
1964							7	12	2	1	4	10	29	36	23	26	52	30	34	12	3	2	8	16	18	27	13	1							
1965			5		1			8	1	4	11	6	7	42	40	21	36	24	10	6	18	16	6	5	14	11	14	9	16	17	8	7	1	1	
1966											1	4	10	47	29	32	28	54	18	48	26	13	26	24	5										
1967		1		1	1			6	7	16	43	52	17	18	24	29	32	9	8	11	11	12	9	10	11	12	4	1	9	8	3				
1968							1	1		1	3	5	16	22	16	31	31	28	31	62	28	8	9	15	11	4	17	17	9						
1969				4	2	3	6	1	1	5	4	17	23	20	29	28	31	28	16	23	20	10	6	4	9	6	11	13	12	18	8	3	4		
1970												1		1	2	6	3	14	105	83	29	12	19	16	13	9	20	10	10	4	8				
1971								1	1	9	9	21	11	8	2	8	20	15	30	54	46	19	14	35	9	6	16	8	7	3	9	4			
1972							1	6	4	5	8	13	15	22	15	16	14	25	36	64	32	24	15	11	8	16	10	5	1						
1973							1	5	5	10	6	11	2	6	20	31	26	11	29	73	13	19	5	15	12	12	25	9	8	9	2				
1974								2		1	6	12	17	25	35	24	20	27	37	46	18	13	10	7	8	21	15	7	8	6					
1975					3	2	1	12	6	6	6	8	22	35	25	10	4	19	44	52	16	8	7	17	13	12	5	10	19	3					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	23010	100.0	12	11.0	610	20960	91.1	24	140	799	4410	19.1
1	1.00	14	23010	100.0	13	13.0	1022	20350	88.4	25	170	855	3611	15.6
2	1.20	8	22996	99.9	14	16.0	1128	19328	84.0	26	210	735	2756	11.9
3	1.50	8	22988	99.9	15	20.0	1515	18200	79.1	27	260	657	2021	8.7
4	1.90	27	22980	99.9	16	25.0	1680	16685	72.5	28	320	603	1364	5.9
5	2.40	31	22953	99.8	17	31.0	1788	15005	65.2	29	400	421	761	3.3
6	2.90	71	22922	99.6	18	38.0	1990	13217	57.4	30	500	192	340	1.4
7	3.60	166	22851	99.3	19	47.0	2274	11227	48.8	31	620	87	148	.6
8	4.50	163	22685	98.6	20	58.0	1503	8953	38.9	32	760	40	61	.2
9	5.50	339	22522	97.9	21	72.0	1099	7450	32.4	33	940	21	21	
10	6.90	486	22183	96.4	22	90.0	955	6351	27.6	34	1200			
11	8.50	737	21697	94.3	23	110.0	986	5396	23.5					

06727000 BOULDER CREEK NEAR ORODELL, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BOULDER CREEK NEAR ORODELL, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1911	433.0	42	423.0	41	417.0	37	384.0	37	320.0	40	261.0	40	215.0	41	178.0	40	125.0	45
1912	820.0	13	648.0	16	592.0	16	500.0	18	460.0	15	402.0	10	330.0	9	269.0	10	198.0	10
1913	328.0	57	315.0	56	297.0	55	268.0	56	245.0	54	197.0	54	162.0	54	139.0	55	110.0	54
1914	840.0	11	813.0	10	746.0	6	695.0	4	654.0	3	494.0	3	401.0	3	337.0	3	247.0	3
1917	530.0	28	507.0	26	497.0	22	463.0	22	399.0	23	297.0	29	243.0	28	204.0	27	148.0	29
1918	779.0	14	766.0	13	710.0	10	618.0	9	497.0	10	412.0	9	327.0	10	266.0	11	193.0	11
1919	605.0	21	470.0	33	316.0	52	275.0	55	255.0	52	217.0	50	193.0	48	162.0	48	120.0	48
1920	420.0	47	413.0	43	396.0	43	370.0	40	366.0	31	305.0	25	264.0	21	238.0	18	175.0	18
1921	1180.0	1	1160.0	1	1150.0	1	1070.0	1	819.0	1	564.0	1	435.0	2	355.0	2	250.0	2
1922	509.0	31	496.0	31	476.0	27	455.0	24	379.0	28	302.0	28	237.0	30	205.0	26	161.0	23
1923	905.0	9	882.0	7	754.0	5	662.0	5	575.0	4	433.0	6	341.0	7	280.0	8	201.0	9
1924	862.0	10	834.0	9	764.0	4	612.0	11	478.0	13	356.0	16	290.0	15	242.0	16	178.0	17
1925	320.0	58	309.0	58	283.0	57	243.0	58	209.0	59	189.0	56	157.0	58	132.0	57	103.0	56
1926	834.0	12	801.0	11	702.0	12	626.0	7	518.0	9	437.0	5	378.0	4	334.0	4	246.0	4
1927	478.0	36	467.0	35	400.0	40	339.0	45	295.0	47	268.0	36	233.0	33	201.0	28	152.0	26
1928	576.0	24	538.0	23	507.0	21	462.0	23	402.0	22	371.0	14	312.0	13	258.0	13	186.0	15
1929	490.0	33	472.0	32	459.0	31	422.0	30	395.0	24	320.0	20	268.0	20	228.0	21	165.0	20
1930	425.0	43	416.0	42	398.0	41	395.0	34	318.0	41	254.0	42	224.0	36	194.0	34	148.0	30
1931	425.0	44	397.0	47	382.0	45	353.0	43	342.0	37	267.0	37	207.0	43	171.0	45	125.0	46
1932	370.0	52	357.0	52	346.0	49	333.0	46	304.0	45	270.0	34	234.0	31	192.0	35	136.0	38
1933	454.0	39	446.0	38	428.0	35	413.0	32	354.0	32	282.0	30	220.0	38	181.0	39	131.0	40
1934	390.0	50	318.0	55	305.0	54	284.0	53	238.0	55	182.0	59	145.0	59	122.0	60	92.0	61
1935	996.0	4	918.0	3	714.0	9	656.0	6	525.0	8	367.0	15	284.0	18	231.0	20	164.0	21
1936	535.0	27	501.0	29	480.0	25	446.0	26	389.0	25	348.0	17	298.0	14	256.0	14	188.0	13
1937	345.0	54	314.0	57	283.0	58	264.0	57	214.0	58	206.0	52	181.0	52	152.0	51	117.0	50
1938	712.0	16	649.0	15	553.0	19	502.0	17	457.0	16	347.0	18	278.0	19	239.0	17	188.0	14
1939	370.0	53	362.0	51	330.0	51	293.0	51	257.0	51	206.0	53	175.0	53	149.0	53	113.0	51
1940	413.0	48	394.0	48	360.0	48	295.0	50	286.0	49	234.0	48	196.0	47	162.0	46	119.0	49
1941	390.0	51	375.0	50	371.0	47	330.0	47	316.0	42	269.0	35	221.0	37	187.0	38	136.0	39
1942	617.0	20	564.0	21	471.0	28	450.0	25	382.0	27	310.0	22	289.0	16	249.0	15	184.0	16
1943	518.0	30	497.0	30	464.0	29	436.0	27	369.0	29	281.0	31	228.0	34	195.0	32	148.0	31
1944	425.0	45	409.0	46	396.0	42	379.0	38	344.0	36	274.0	33	241.0	29	201.0	29	145.0	32
1945	490.0	34	433.0	39	408.0	38	353.0	44	325.0	39	267.0	38	226.0	35	194.0	33	144.0	34
1946	335.0	56	324.0	54	306.0	53	284.0	52	235.0	56	183.0	58	160.0	55	145.0	54	113.0	52
1947	1080.0	3	902.0	5	703.0	11	621.0	8	554.0	5	427.0	7	341.0	8	290.0	6	205.0	6
1948	425.0	46	410.0	44	391.0	44	364.0	42	316.0	43	227.0	49	187.0	50	161.0	49	126.0	43
1949	748.0	15	713.0	14	665.0	13	558.0	15	487.0	12	374.0	13	284.0	17	232.0	19	167.0	19
1950	467.0	37	460.0	36	452.0	32	393.0	35	307.0	44	235.0	47	182.0	51	151.0	52	113.0	53
1951	934.0	6	835.0	8	628.0	14	562.0	14	477.0	14	392.0	11	320.0	11	264.0	12	193.0	12
1952	920.0	7	911.0	4	852.0	3	699.0	3	552.0	6	392.0	12	320.0	12	276.0	9	205.0	7
1953	601.0	23	543.0	22	452.0	33	412.0	33	386.0	26	306.0	24	244.0	26	200.0	31	145.0	33
1954	254.0	62	241.0	61	221.0	61	182.0	62	153.0	62	138.0	62	117.0	62	99.0	62	74.0	62
1955	340.0	55	330.0	53	289.0	56	283.0	54	249.0	53	194.0	55	160.0	56	138.0	56	101.0	57
1956	505.0	32	503.0	28	490.0	23	473.0	21	434.0	18	303.0	26	233.0	32	190.0	36	139.0	36
1957	970.0	5	937.0	2	918.0	2	809.0	2	673.0	2	553.0	2	463.0	1	392.0	1	278.0	1
1958	657.0	18	626.0	18	529.0	20	495.0	19	412.0	19	310.0	23	243.0	27	201.0	30	151.0	27
1959	572.0	25	514.0	25	483.0	24	425.0	29	354.0	33	260.0	41	219.0	39	187.0	37	140.0	35
1960	625.0	19	605.0	19	559.0	18	489.0	20	407.0	21	303.0	27	249.0	24	209.0	24	160.0	25
1961	480.0	35	469.0	34	429.0	34	414.0	31	338.0	38	252.0	43	206.0	44	173.0	43	137.0	37
1962	442.0	40	409.0	45	372.0	46	308.0	48	273.0	50	211.0	51	201.0	45	174.0	42	129.0	41
1963	279.0	61	240.0	62	213.0	62	196.0	61	183.0	61	163.0	61	133.0	61	120.0	61	96.0	58
1964	283.0	60	267.0	60	245.0	60	224.0	59	199.0	60	184.0	57	159.0	57	129.0	58	95.0	59
1965	1090.0	2	896.0	6	727.0	7	589.0	12	491.0	11	455.0	4	372.0	5	307.0	5	218.0	5
1966	155.0	63	144.0	63	133.0	63	129.0	63	120.0	63	106.0	63	96.0	63	82.0	63	68.0	63
1967	562.0	26	529.0	24	476.0	26	435.0	28	352.0	34	238.0	45	192.0	49	154.0	50	109.0	55
1968	395.0	49	385.0	49	335.0	50	304.0	49	300.0	46	236.0	46	198.0	46	162.0	47	122.0	47
1969	916.0	8	768.0	12	724.0	8	614.0	10	527.0	7	424.0	8	355.0	6	284.0	7	201.0	8
1970	602.0	22	594.0	20	577.0	17	502.0	16	409.0	20	314.0	21	259.0	23	217.0	23	161.0	24
1971	682.0	17	647.0	17	626.0	15	579.0	13	452.0	17	327.0	19	260.0	22	221.0	22	163.0	22
1972	320.0	59	294.0	59	262.0	59	221.0	60	215.0	57	174.0	60	143.0	60	122.0	59	94.0	60
1973	523.0	29	504.0	27	463.0	30	391.0	36	368.0	30	278.0	32	246.0	25	205.0	25	148.0	28
1974	460.0	38	454.0	37	427.0	36	368.0	41	287.0	48	251.0	44	208.0	42	172.0	44	125.0	44
1975	442.0	41	428.0	40	405.0	39	377.0	39	348.0	35	263.0	39	216.0	40	177.0	41	126.0	42

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BOULDER CREEK NEAR ORODELL, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1912	3.00	18	3.00	10	6.20	19	7.60	15	8.80	10	10.00	8	11.00	8	11.00	6	13.00	5
1913	8.00	47	9.30	42	10.00	32	14.00	38	20.00	45	22.00	37	25.00	38	26.00	32	30.00	36
1914	15.00	59	20.00	58	20.00	55	23.00	55	28.00	56	35.00	58	40.00	59	43.00	59	44.00	58
1917	22.00	61	22.00	60	22.00	57	22.00	52	22.00	46	23.00	40	23.00	30	24.00	27	28.00	27
1918	17.00	60	22.00	61	24.00	58	26.00	58	28.00	57	28.00	53	32.00	54	35.00	53	39.00	52
1919	25.00	62	28.00	62	31.00	62	36.00	62	40.00	62	44.00	60	47.00	61	51.00	61	53.00	61
1920	3.00	19	6.30	28	10.00	33	13.00	35	13.00	29	15.00	23	17.00	16	17.00	15	21.00	15
1921	2.00	11	3.00	11	4.70	10	6.80	12	10.00	17	17.00	24	23.00	31	25.00	30	28.00	28
1922	11.00	55	13.00	51	14.00	48	14.00	39	17.00	35	19.00	32	24.00	34	28.00	35	35.00	50
1923	4.00	29	5.00	20	9.30	30	13.00	36	17.00	36	18.00	28	20.00	24	21.00	21	23.00	20
1924	14.00	58	20.00	59	24.00	59	28.00	59	35.00	60	48.00	62	53.00	62	60.00	62	70.00	62
1925	7.00	43	8.30	37	8.90	28	9.10	22	19.00	43	23.00	41	27.00	41	29.00	43	40.00	53

06727000 BOULDER CREEK NEAR ORODELL, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BOULDER CREEK NEAR ORODELL, CO.

YEAR	1		13		7		14		30		60		90		120		183	
1926	9.00	51	10.00	43	10.00	34	16.00	42	23.00	49	24.00	42	28.00	42	28.00	36	30.00	37
1927	10.00	54	11.00	44	14.00	49	18.00	47	20.00	44	27.00	52	29.00	49	30.00	50	34.00	48
1928	9.00	52	17.00	57	20.00	56	23.00	56	25.00	54	26.00	49	28.00	43	35.00	54	41.00	54
1929	7.00	44	11.00	45	13.00	43	16.00	43	18.00	41	25.00	46	28.00	44	28.00	37	31.00	41
1930	4.00	30	6.70	30	10.00	35	13.00	37	17.00	37	21.00	33	23.00	32	23.00	24	26.00	23
1931	4.00	31	7.30	34	9.30	29	12.00	31	12.00	26	17.00	25	20.00	25	19.00	17	22.00	16
1932	4.00	32	5.00	21	5.30	13	6.20	10	10.00	18	11.00	13	12.00	9	12.00	8	14.00	7
1933	1.00	1	1.00	1	1.00	1	1.90	1	2.30	1	4.20	1	5.40	1	6.20	1	8.20	2
1934	2.00	12	2.00	5	3.70	8	8.00	17	19.00	42	26.00	47	28.00	45	29.00	44	29.00	29
1935	2.00	13	3.00	12	3.60	6	4.20	3	5.00	2	6.10	3	6.70	3	6.90	3	7.60	1
1936	1.60	8	2.90	7	5.60	17	9.50	23	16.00	33	24.00	43	25.00	35	29.00	45	31.00	42
1937	5.40	42	6.40	29	7.20	23	19.00	48	24.00	52	30.00	55	30.00	52	30.00	46	32.00	43
1938	12.00	56	15.00	56	17.00	51	19.00	49	23.00	50	24.00	44	26.00	39	28.00	38	29.00	30
1939	8.60	48	14.00	54	26.00	60	29.00	60	30.00	58	32.00	56	34.00	56	35.00	55	42.00	56
1940	3.20	20	5.40	22	6.00	18	9.00	20	12.00	19	12.00	14	13.00	12	14.00	11	14.00	8
1941	1.50	6	7.00	32	8.80	27	11.00	27	12.00	20	14.00	21	15.00	14	17.00	16	18.00	13
1942	7.40	45	13.00	52	18.00	52	22.00	53	24.00	51	27.00	50	28.00	46	29.00	39	30.00	38
1943	1.40	5	13.00	53	19.00	54	20.00	51	22.00	47	25.00	45	25.00	36	27.00	33	29.00	31
1944	4.60	37	9.20	40	15.00	50	16.00	44	17.00	38	19.00	29	20.00	26	24.00	28	26.00	24
1945	4.30	35	8.30	38	11.00	36	12.00	32	13.00	27	19.00	30	19.00	19	20.00	18	22.00	17
1946	8.60	49	11.00	46	12.00	40	13.00	33	16.00	34	22.00	38	26.00	40	30.00	47	33.00	46
1947	4.60	38	6.90	31	8.10	26	9.60	24	12.00	21	13.00	16	14.00	13	16.00	13	19.00	14
1948	4.00	33	12.00	48	18.00	53	23.00	54	25.00	53	27.00	51	29.00	50	29.00	40	32.00	44
1949	4.80	39	5.90	26	6.60	20	8.60	18	9.80	14	13.00	17	18.00	17	21.00	19	23.00	21
1950	5.20	40	7.80	35	13.00	41	16.00	45	18.00	39	21.00	34	22.00	27	25.00	29	29.00	32
1951	2.40	14	5.80	24	7.20	24	9.10	21	9.70	13	10.00	9	12.00	10	15.00	12	17.00	11
1952	4.50	36	5.80	25	14.00	44	15.00	40	18.00	40	29.00	54	33.00	55	33.00	51	39.00	51
1953	3.50	26	3.80	16	8.10	25	11.00	28	12.00	22	17.00	26	22.00	28	26.00	31	31.00	39
1954	3.40	24	6.20	27	11.00	37	12.00	29	13.00	28	13.00	18	20.00	20	22.00	22	22.00	18
1955	4.00	34	4.90	19	6.80	21	8.70	19	9.30	11	9.80	7	10.00	6	11.00	7	14.00	9
1956	1.20	3	2.90	8	4.90	11	5.30	5	5.50	5	5.80	2	6.40	2	6.70	2	9.60	3
1957	2.00	9	3.30	14	5.30	14	5.40	6	5.90	6	6.40	4	6.80	4	7.40	4	13.00	6
1958	14.00	57	15.00	55	26.00	61	32.00	61	35.00	59	39.00	59	38.00	57	40.00	58	44.00	59
1959	5.30	41	12.00	49	14.00	45	19.00	50	23.00	48	26.00	48	29.00	51	29.00	41	34.00	47
1960	8.90	50	9.20	41	11.00	38	13.00	34	15.00	30	21.00	35	32.00	53	37.00	56	42.00	57
1961	3.20	21	3.50	15	3.70	7	4.20	4	5.20	3	11.00	10	25.00	37	30.00	48	32.00	45
1962	10.00	53	13.00	50	14.00	46	25.00	57	38.00	61	45.00	61	46.00	60	47.00	60	53.00	60
1963	2.70	15	2.90	9	5.40	15	6.10	9	6.70	7	13.00	19	24.00	33	28.00	34	30.00	33
1964	2.90	16	3.10	13	3.40	4	5.50	8	9.40	12	12.00	15	17.00	15	17.00	14	23.00	19
1965	1.40	4	1.40	2	1.90	2	2.90	2	5.40	4	8.70	6	11.00	7	13.00	9	16.00	10
1966	7.80	46	11.00	47	14.00	47	15.00	41	15.00	31	21.00	36	22.00	29	23.00	25	30.00	34
1967	1.10	2	1.50	3	3.60	5	5.40	7	6.80	8	7.70	5	7.90	5	8.10	5	10.00	4
1968	3.20	22	8.30	39	11.00	39	12.00	30	12.00	23	19.00	31	20.00	21	21.00	20	27.00	25
1969	1.60	7	1.70	4	2.60	3	7.20	13	10.00	15	11.00	11	12.00	11	14.00	10	18.00	12
1970	3.00	17	8.20	36	13.00	42	18.00	46	27.00	55	35.00	57	38.00	58	39.00	57	41.00	55
1971	3.80	27	5.40	23	6.90	22	7.70	16	8.50	9	11.00	12	20.00	22	29.00	42	35.00	49
1972	3.30	23	3.90	17	4.70	9	7.30	14	15.00	32	23.00	39	28.00	47	30.00	49	30.00	35
1973	3.50	25	4.00	18	5.20	12	6.70	11	10.00	16	18.00	27	29.00	48	35.00	52	31.00	40
1974	4.00	28	7.10	33	9.60	31	10.00	25	12.00	24	14.00	20	19.00	18	23.00	26	27.00	26
1975	2.00	10	2.30	6	5.40	16	10.00	26	12.00	25	15.00	22	20.00	23	22.00	23	26.00	22

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
29.5	27.3	30.2	27.7	27.7	30.7	52.6	156	337	219	91.1	47.4
238	265	244	205	172	243	711	2527	15430	9418	1475	446
15.4	16.3	15.6	14.3	13.1	15.6	26.7	50.3	124	97.0	38.4	21.1
1.36	1.54	0.71	0.32	0.21	0.78	1.75	0.81	0.98	1.18	1.11	1.26
0.52	0.60	0.52	0.52	0.47	0.51	0.51	0.32	0.37	0.44	0.42	0.45
2.74	2.53	2.80	2.58	2.58	2.85	4.90	14.5	31.3	20.3	8.48	4.41

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.41	1.36	1.41	1.37	1.38	1.42	1.67	2.17	2.50	2.30	1.92	1.64
0.05	0.06	0.07	0.08	0.07	0.06	0.04	0.02	0.03	0.04	0.03	0.04
0.22	0.25	0.26	0.28	0.27	0.25	0.20	0.14	0.16	0.19	0.18	0.19
-0.22	-0.13	-0.64	-0.89	-1.23	-0.73	0.23	0.05	-0.34	-0.19	0.07	-0.19
0.16	0.19	0.18	0.21	0.19	0.18	0.12	0.06	0.07	0.08	0.09	0.12
6.88	6.63	6.87	6.65	6.70	6.92	8.14	10.6	12.1	11.2	9.36	7.95

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
89.8	533	23.1	0.50	0.26	0.020

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.94	0.01	0.11	-0.14	0.06	0.080

06727500 FOURMILE CREEK AT ORODELL, COLO.

LOCATION.--Lat 40°01'06", long 105°19'33", in SE¼ sec.27, T.1 N., R.71 W., Boulder County, on left bank at old Orodell, 0.2 mi (0.3 km) upstream from mouth, and 2.6 mi (4.2 km) west of courthouse in Boulder.

DRAINAGE AREA.--24.1 mi^2 (62.4 km^2).

REMARKS.--Diversions for irrigation above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FOURMILE CREEK AT ORODELL, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1948	11	16	15	4	1	4	2	2	34	72	20	15	23	24	10	7	5	5	17	10	17	25	16	8	3										
1949				3	6	11	6	47	48	29	56	9	9	20	6	11	7	14	11	1	13	23	6	5	7	2	2	2	3	5	1	2			
1950				4	7	4	17	36	31	88	62	10	12	4	18	14	16	9	4	3	7	10	8	1											
1951				1	7	25	26	34	39	45	31	5	15	13	12	6	7	9	8	11	1	13	15	15	12	14	1								
1952				7	14	3	10	7	18	41	82	40	28	4	9	7	10	4	5	7	4	8	4	4	15	17	15	2	1						
1953					4	1	26	33	71	49	27	13	15	31	10	13	14	13	4	3	3	7	18	9	1										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	11	2192	100.0	12	2.2	102	863	39.4	24	32	38	105	4.7
1	0.10	16	2181	99.5	13	2.8	96	761	34.7	25	40	33	67	3.0
2	0.20	15	2165	98.8	14	3.5	65	665	30.3	26	50	18	34	1.5
3	0.30	19	2150	98.1	15	4.3	58	600	27.4	27	62	4	16	.7
4	0.40	39	2131	97.2	16	5.4	59	542	24.7	28	78	4	12	.5
5	0.50	48	2092	95.4	17	6.8	54	483	22.0	29	97	5	8	.3
6	0.60	87	2044	93.2	18	8.4	49	429	19.6	30	120	1	3	.1
7	0.70	159	1957	89.3	19	11.0	35	380	17.3	31	150	2	2	
8	0.90	241	1798	82.0	20	13.0	45	345	15.7	32				
9	1.10	324	1557	71.0	21	16.0	86	300	13.7	33				
10	1.40	278	1233	56.3	22	21.0	67	214	9.8	34				
11	1.80	92	955	43.6	23	26.0	42	147	6.7					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FOURMILE CREEK AT ORODELL, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1948	33.0	4	32.0	4	31.0	4	26.0	4	23.0	5	21.0	4	18.0	4	15.0	4	10.0	4
1949	192.0	1	154.0	1	125.0	1	98.0	1	63.0	1	42.0	2	31.0	2	25.0	1	17.0	1
1950	26.0	6	24.0	6	23.0	6	21.0	6	18.0	6	12.0	6	9.5	6	7.6	6	5.4	6
1951	54.0	3	50.0	3	48.0	3	45.0	3	39.0	3	32.0	3	26.0	3	21.0	3	14.0	3
1952	81.0	2	70.0	2	62.0	2	54.0	2	47.0	2	43.0	1	32.0	1	25.0	2	17.0	2
1953	32.0	5	30.0	5	28.0	5	25.0	5	24.0	4	17.0	5	13.0	5	10.0	5	7.6	5

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FOURMILE CREEK AT ORODELL, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1948	0.91	6	0.90	6	0.90	5	0.90	5	0.90	4	1.00	4	1.10	4	1.30	5	2.10	6
1949	0.00	1	0.00	1	0.00	1	0.06	1	0.09	1	0.20	1	0.38	1	0.49	1	0.62	1
1950	0.41	4	0.67	4	0.74	4	0.79	4	0.92	5	1.00	5	1.10	5	1.20	4	1.20	4
1951	0.31	2	0.30	2	0.34	3	0.46	3	0.51	3	0.56	3	0.68	3	0.73	3	0.85	3
1952	0.81	5	0.84	5	0.93	6	1.00	6	1.10	6	1.30	6	1.40	6	1.40	6	1.50	5
1953	0.31	3	0.30	3	0.32	2	0.36	2	0.42	2	0.52	2	0.60	2	0.70	2	0.81	2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.45	1.36	0.97	1.09	1.20	1.96	9.34	24.5	28.0	5.23	1.73	1.71
0.81	0.40	0.07	0.12	0.04	2.60	46.1	191	317	8.78	1.34	3.06
0.90	0.64	0.27	0.35	0.19	1.61	6.79	13.8	17.8	2.96	1.16	1.75
1.14	1.03	1.37	-0.69	-0.18	2.26	0.79	0.75	1.96	0.93	1.16	0.88
0.62	0.47	0.27	0.32	0.16	0.82	0.73	0.56	0.64	0.57	0.67	1.02
1.85	1.73	1.23	1.39	1.53	2.49	11.9	31.2	35.7	6.66	2.20	2.18

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.09	0.10	-0.03	0.01	0.07	0.21	0.87	1.33	1.39	0.66	0.15	-0.04
0.07	0.04	0.01	0.03	0.01	0.07	0.11	0.07	0.05	0.06	0.09	0.37
0.27	0.19	0.11	0.16	0.07	0.27	0.33	0.26	0.23	0.24	0.31	0.61
0.16	0.59	0.73	-1.31	-0.29	1.56	0.17	-0.28	1.28	0.53	-0.28	-0.55
2.86	2.00	-4.15	12.0	0.97	1.31	0.39	0.20	0.16	0.36	2.00	-15.0
1.95	1.99	-0.56	0.28	1.53	4.31	18.0	27.6	28.9	13.8	3.17	-0.84

06727500 FOURMILE CREEK AT ORODELL, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
6.55	6.29	2.51	-0.18	0.38	-0.623

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.79	0.03	0.18	-0.56	0.23	-0.570

06729000 SOUTH BOULDER CREEK NEAR ROLLINSVILLE, COLO.

LOCATION.--Lat 39°54'53", long 105°30'05", in SE¼ sec.36, T.1 S., R.73 W., Gilpin County, at bridge on State Highway 119, 0.2 mi (0.3 km) south of Rollinsville, and 0.5 mi (0.8 km) downstream from Moon Gulch.

DRAINAGE AREA.--42.7 mi^2 (111 km^2).

REMARKS.--No diversion above station for irrigation. Natural flow of stream affected by transmountain diversions from Colorado River Basin since June 1936. Statistical summaries are shown for two periods, water years 1910-17 and water years 1946-49.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH BOULDER CREEK NEAR ROLLINSVILLE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1912			60	31		31	5	6	3	8	6	9	11	24	12	9	36	8	11	4	9	3	11	4		5	7	12	10	14	6	5	5	1	
1913		1	90	45		3	5	3	21	1	6	14	5	14	9	17	8	2	7	34	7	9	1	5	10	11	13	8	7	4	5				
1914							60	64	6	4	8	8	14	12	25	25	11	7	12	12	5	3	10	4	7	4	9	5	10	4	4	9	15	7	1
1915			70	18	17	5	16	11	23	26	2	11	10	11	15	6	8	6	7	7	9	6	3	7		7	15	1	13	21	4	6	2	2	
1916			5	18	16	35	24	11	13	15	42	24	21	15	9	3	8	11	10	3	2	4	19	5	9	7	6	3	16	12					
1917			1	28	1	31	38	3	55	24	31	23	12	4	20	4	6	1		2	1	1	10	14	6	2	8	4	9	3	12	7	4		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2192	100.0	12	23.0	73	1057	48.2	24	120	32	377	17.1
1	4.70	1	2192	100.0	13	26.0	80	984	44.9	25	140	36	345	15.7
2	5.50	226	2191	100.0	14	30.0	90	904	41.2	26	160	58	309	14.0
3	6.40	140	1965	89.6	15	35.0	64	814	37.1	27	190	33	251	11.4
4	7.30	34	1825	83.3	16	40.0	77	750	34.2	28	220	65	218	9.9
5	8.40	105	1791	81.7	17	46.0	35	673	30.7	29	250	58	153	6.9
6	9.70	148	1686	76.9	18	53.0	47	638	29.1	30	290	31	95	4.3
7	11.00	98	1538	70.2	19	61.0	62	591	27.0	31	330	27	64	2.9
8	13.00	121	1440	65.7	20	70.0	33	529	24.1	32	380	26	37	1.6
9	15.00	78	1319	60.2	21	81.0	26	496	22.6	33	440	10	11	.5
10	17.00	95	1241	56.6	22	93.0	54	470	21.4	34	510	1	1	
11	20.00	89	1146	52.3	23	110.0	39	416	19.0					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH BOULDER CREEK NEAR ROLLINSVILLE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1912	450.0	3	409.0	3	372.0	4	318.0	4	310.0	4	261.0	3	208.0	3	169.0	3	121.0	3
1913	295.0	5	295.0	5	290.0	5	264.0	6	230.0	6	187.0	6	150.0	6	129.0	6	96.0	5
1914	542.0	1	515.0	1	471.0	1	448.0	1	405.0	1	326.0	1	258.0	1	209.0	1	147.0	1
1915	472.0	2	455.0	2	411.0	2	346.0	3	316.0	2	267.0	2	219.0	2	179.0	2	126.0	2
1916	273.0	6	273.0	6	273.0	6	265.0	5	247.0	5	192.0	5	157.0	5	131.0	5	94.0	6
1917	400.0	4	393.0	4	374.0	3	356.0	2	312.0	3	235.0	4	190.0	4	150.0	4	104.0	4

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH BOULDER CREEK NEAR ROLLINSVILLE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1913	5.00	2	6.00	2	6.00	2	6.00	1	6.00	1	6.00	1	6.00	1	6.20	1	8.60	1
1914	10.00	6	10.00	6	10.00	6	10.00	6	10.00	6	10.00	6	11.00	6	11.00	6	19.00	6
1915	6.00	3	6.00	3	6.00	3	6.00	2	6.00	2	6.00	2	6.20	2	7.20	2	9.90	3
1916	6.00	4	6.00	4	6.60	4	7.60	5	7.80	5	8.20	5	8.50	4	9.60	4	13.00	4
1917	7.00	5	7.00	5	7.00	5	7.00	4	7.10	4	8.10	4	8.70	5	10.00	5	13.00	5
1918	4.80	1	5.30	1	5.80	1	6.00	3	6.10	3	6.60	3	7.70	3	8.30	3	8.90	2

06729000 SOUTH BOULDER CREEK NEAR ROLLINSVILLE, COLO.--Continued

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
24.3	17.1	9.84	7.78	7.18	9.53	41.5	155	284	140	43.6	22.5
101	41.3	7.44	3.60	3.11	16.2	270	3296	3242	1736	104	75.6
10.0	6.43	2.73	1.90	1.76	4.03	16.4	57.4	56.9	41.7	10.2	8.69
0.92	1.09	0.12	0.37	0.93	1.22	0.62	0.97	-0.60	-1.07	-1.12	1.57
0.41	0.38	0.28	0.24	0.25	0.42	0.40	0.37	0.20	0.30	0.23	0.39
3.19	2.24	1.29	1.02	0.94	1.25	5.44	20.3	37.2	18.4	5.71	2.95

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.36	1.21	0.98	0.88	0.85	0.95	1.59	2.17	2.45	2.13	1.63	1.33
0.03	0.03	0.02	0.01	0.01	0.03	0.03	0.02	0.01	0.02	0.01	0.02
0.17	0.16	0.13	0.11	0.10	0.17	0.18	0.15	0.09	0.15	0.12	0.15
0.82	0.16	-0.46	0.26	0.72	0.80	-0.13	0.45	-0.99	-1.39	-1.39	0.71
0.12	0.13	0.13	0.12	0.12	0.18	0.11	0.07	0.04	0.07	0.07	0.12
7.76	6.90	5.59	5.03	4.83	5.43	9.08	12.4	14.0	12.2	9.30	7.59

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
63.7	132	11.5	0.86	0.18	-0.249

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.80	0.01	0.08	0.59	0.04	-0.275

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH BOULDER CREEK NEAR ROLLINSVILLE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1946		28		1	62		31		5	4	15	2	6	6	14	5	10	11	18	14	17	15	7	16	28	15	8	5	6	2		6	8		
1947						2	31	30	32	34	30	19	5	2	4	1	4	7	11	16	3	14	7	16	12	9	7	4	18	23	16	7	1		
1948							91	31	6	5	7	10	3	2	17	14	12	22	30	16	9	14	5	5	8	8	12	4	2	6	13	10	4		
1949					28	62	63			1		30		13	16	12	5	10	11	6	6	12	6	6	6	3	9	7	7	6	11	12	7	7	3

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1461	100.0	12	21.0	14	801	54.8	24	150	54	320	21.9
1	3.50	28	1461	100.0	13	25.0	23	787	53.9	25	170	35	266	18.2
2	4.10	0	1433	98.1	14	29.0	51	764	52.3	26	200	36	231	15.8
3	4.80	1	1433	98.1	15	34.0	32	713	48.8	27	240	20	195	13.3
4	5.70	90	1432	98.0	16	40.0	31	681	46.6	28	280	33	175	11.9
5	6.70	64	1342	91.9	17	47.0	50	650	44.5	29	330	37	142	9.7
6	7.90	216	1278	87.5	18	56.0	70	600	41.1	30	390	40	105	7.1
7	9.30	61	1062	72.7	19	65.0	52	530	36.3	31	460	35	65	4.4
8	11.00	43	1001	68.5	20	77.0	35	478	32.7	32	540	20	30	2.0
9	13.00	44	958	65.6	21	91.0	55	443	30.3	33	640	7	10	.6
10	15.00	52	914	62.6	22	110.0	25	388	26.6	34	750	3	3	.2
11	18.00	61	862	59.0	23	130.0	43	363	24.8					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH BOULDER CREEK NEAR ROLLINSVILLE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1946	605.0	2	586.0	2	564.0	2	531.0	2	402.0	3	290.0	4	246.0	4	211.0	4	158.0	4
1947	591.0	3	530.0	4	445.0	4	404.0	4	380.0	4	370.0	2	327.0	2	281.0	2	204.0	2
1948	586.0	4	570.0	3	529.0	3	504.0	3	465.0	2	345.0	3	271.0	3	222.0	3	159.0	3
1949	854.0	1	820.0	1	753.0	1	674.0	1	575.0	1	467.0	1	367.0	1	296.0	1	205.0	1

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH BOULDER CREEK NEAR ROLLINSVILLE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1947	7.60	2	8.40	3	8.50	3	8.50	3	8.50	3	9.00	3	10.00	3	11.00	3	16.00	2
1948	8.00	3	8.00	2	8.00	2	8.00	2	8.00	2	8.40	2	8.70	2	8.90	2	19.00	3
1949	6.00	1	6.00	1	6.00	1	6.00	1	6.10	1	6.50	1	6.70	1	7.00	1	11.00	1

06729500 SOUTH BOULDER CREEK NEAR ELDORADO SPRINGS, COLO.

LOCATION.--Lat 39°55'52", long 105°17'43", in SE¼ sec.26, T.1 S., R.71 W., Boulder County, on left bank 0.2 mi (0.3 km) downstream from South Draw, 1.0 mi (1.6 km) west of Eldorado Springs, 1.8 mi (2.9 km) downstream from South Boulder diversion canal, 5.0 mi (8.0 km) south of Boulder, and 6.7 mi (10.8 km) downstream from Gross Reservoir.

DRAINAGE AREA.--109 mi^2 (282 km^2).

REMARKS.--Many small diversions above station for irrigation. Water is imported above Gross Reservoir from Colorado River Basin through Moffat water tunnel. Flow regulated since May 1, 1955, by Gross Reservoir (capacity, 43,060 acre-ft or 53.1 hm^3), 6.7 mi (10.8 km) above station. City of Denver diverts water 1.8 mi (2.9 km) above station. Statistical summaries are shown for two periods, water years 1913-55 and water years 1956-75.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH BOULDER CREEK NEAR ELDORADO SPRINGS, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1913													1		33	64	42	27	38	38	13	7	23	15	16	19	17	12							
1914																59	37	18	30	39	21	19	10	7	18	17	20	17	18	8	9	11	7		
1915															4	59	63	7	30	36	16	19	15	7	13	13	13	25	18	21	4	2			
1916															6	1	9	67	77	45	32	19	24	15	12	13	29	17							
1917																	71	74	48	14	21	19	16	20	12	7	14	23	12	12	2				
1918											1	1			5	101	29	17	11	36	22	24	18	14	9	7	16	11	22	12	8	1			
1919															18	64	31	20	21	22	69	15	17	8	18	20	24	17		1					
1920											1	2	1	14	25	88	33	16	20	6	15	25	16	19	11	7	10	14	19	20	4				
1921												2		45	45	27	16	44	22	39	7	8	5	5	5	5	17	13	14	24	9	3	10		
1922							6		11		4	6	78	14	13	67	5	16	17	24	13	11	9	14	9	16	16	15	1						
1923													1	1	14	118	24	19	4	12	16	16	17	11	19	20	11	17	20	14	11				
1924														13	28	7	3	54	47	28	42	22	17	7	9	10	12	13	22	20	12				
1925														2	35	38	59	35	46	26	32	20	20	16	17	19									
1926															1	12	46	63	68	23	19	3	14	10	6	11	9	24	23	27	6				
1927														1	3	27	78	76	36	14	14	12	15	10	11	14	21	25	8						
1928												1	2	1		59	45	86	46	9	14	8	2	10	8	10	12	21	20	12					
1929														59	38	17	35	29	9	18	31	15	23	25	15	12	9	23	7						
1930															60	14	35	15	43	25	17	12	20	40	27	23	6	10	15	3					
1931														60	32	20	63	32	19	21	21	21	9	7	12	2	17	19	10						
1933	1						2		60		33	1		71	7	9	5	10	17	40	14	12	3	4	3	9	16	9	4	22	13				
1934												46	1	42	58	41	30	31	17	5	5	12	11	9	17	10	15	15							
1935												2	73	51	55	10	15	15	10	6	15	16	14	8	13	6	11	10	21	14					
1936													1	33	37	48	33	27	18	6	13	9	22	15	23	20	17	18	19	7					
1937									2		12	8	11	26	19	32	30	25	29	26	28	26	20	7	7	7	11	18	14	5	2				
1938											1		2	11	69	29	36	35	18	11	12	8	11	14	14	14	8	16	7	18	30	1			
1939												4	15	18	27	49	53	13	40	26	14	19	11	15	8	10	19	20	4						
1940								1	2	7	15	22	28	54	31	12	11	21	36	16	13	14	12	9	9	23	17	13							
1941											1	3	15	28	55	29	18	26	29	18	21	26	16	12	4	2	8	31	13	7	3				
1942									1				2	8	34	52	28	29	41	27	15	7	16	9	13	2	9	18	19	14	13	7	1		
1943														3	25	28	15	98	48	13	20	18	14	6	8	9	15	15	23	7					
1944													36	62	45	60	9	16	9	12	5	6	11	11	5	8	20	20	25	6					
1945													1	21	59	60	19	25	22	12	6	11	9	16	16	31	22	26	7	2					
1946														28	35	56	27	46	32	31	8	10	13	16	20	16	6	14	4	3					
1947															18	68	36	50	27	12	19	7	9	11	13	2	9	12	31	29	6	5	1		
1948												5	2	28	75	77	31	19	14	8	19	9	12	4	6	16	5	7	12	16	1				
1949													2	8	28	102	55	17	27	19	5	11	4	11	7	11	14	11	8	5	6	12	2		
1950										2	21	21	19	24	57	40	16	32	21	17	15	12	6	10	7	9	9	8	3	13	3				
1951												1	4	42	36	71	36	26	16	9	10	9	5	19	8	12	6	6	21	12	5	7	3	1	
1952											1	1	1	7	83	47	43	24	9	16	10	5	14	10	17	11	13	13	13	14	6	6	2		
1953		3			1	1				1	2	8	6	54	79	41	18	19	15	8	21	14	8	12	11	7	7	4	8	10	7				
1954			2	2	3	1	3	5	4	5	7	43	70	40	19	19	20	26	12	23	13	27	10	8	3										
1955			1			2	1	2	1	3	23	50	47	13	26	16	19	24	10	14	25	18	13	11	18		13	15							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1	15339	100.0	12	4.5	395	14947	97.4	24	100	495	3279	21.3
1	0.20	3	15338	100.0	13	5.8	946	14552	94.9	25	130	501	2784	18.1
2	0.30	0	15335	100.0	14	7.6	1345	13606	88.7	26	170	543	2283	14.8
3	0.40	3	15335	100.0	15	9.8	1848	12261	79.9	27	220	635	1740	11.3
4	0.60	2	15332	100.0	16	13.0	1323	10413	67.9	28	290	485	1105	7.2
5	0.70	4	15330	99.9	17	16.0	1358	9090	59.3	29	370	378	620	4.0
6	0.90	12	15326	99.9	18	21.0	1177	7732	50.4	30	480	160	242	1.5
7	1.20	5	15314	99.8	19	28.0	835	6555	42.7	31	620	55	82	.5
8	1.60	83	15309	99.8	20	36.0	760	5720	37.3	32	810	26	27	.1
9	2.10	15	15226	99.3	21	47.0	594	4960	32.3	33	1100	1	1	
10	2.70	100	15211	99.2	22	60.0	576	4366	28.5	34				
11	3.50	164	15111	98.5	23	78.0	511	3790	24.7					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH BOULDER CREEK NEAR ELDORADO SPRINGS, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1913	270.0	37	265.0	36	251.0	39	227.0	39	204.0	40	176.0	38	144.0	37	122.0	36	90.0	35
1914	950.0	4	928.0	3	849.0	2	815.0	2	688.0	1	508.0	1	409.0	1	341.0	1	243.0	1
1915	680.0	9	621.0	9	522.0	13	481.0	13	438.0	13	369.0	11	315.0	9	262.0	7	188.0	7
1916	270.0	38	258.0	39	247.0	40	240.0	37	224.0	35	195.0	33	158.0	34	136.0	32	100.0	32
1917	488.0	20	477.0	19	450.0	19	421.0	18	355.0	20	299.0	17	240.0	18	199.0	17	141.0	17
1918	702.0	8	638.0	8	542.0	11	513.0	11	430.0	14	350.0	14	281.0	14	229.0	13	164.0	12
1919	430.0	26	257.0	40	253.0	37	247.0	34	222.0	36	191.0	34	159.0	33	140.0	31	103.0	30
1920	529.0	19	501.0	18	485.0	16	451.0	15	408.0	15	346.0	15	276.0	15	224.0	14	162.0	13

06729500 SOUTH BOULDER CREEK NEAR ELDORADO SPRINGS, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH BOULDER CREEK NEAR ELDORADO SPRINGS, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1921	1050.0	2	929.0	2	923.0	1	826.0	1	644.0	2	503.0	2	409.0	2	327.0	2	225.0	2
1922	320.0	34	297.0	34	271.0	34	242.0	35	229.0	34	180.0	36	145.0	36	117.0	38	84.0	38
1923	594.0	13	571.0	13	564.0	9	520.0	9	446.0	11	364.0	13	301.0	11	253.0	11	183.0	8
1924	604.0	11	584.0	11	542.0	10	517.0	10	456.0	10	395.0	8	325.0	8	262.0	8	180.0	9
1925	168.0	41	163.0	41	150.0	41	138.0	41	130.0	41	112.0	41	93.0	41	78.0	41	62.0	41
1926	552.0	17	536.0	15	509.0	15	478.0	14	445.0	12	390.0	10	337.0	6	280.0	6	196.0	6
1927	333.0	33	326.0	31	309.0	31	276.0	32	262.0	29	233.0	27	191.0	27	159.0	26	113.0	26
1928	468.0	22	466.0	20	452.0	18	394.0	19	360.0	18	308.0	16	250.0	16	200.0	16	138.0	18
1929	319.0	35	315.0	33	309.0	32	281.0	30	256.0	30	201.0	32	169.0	30	143.0	30	107.0	29
1930	395.0	30	357.0	29	327.0	29	322.0	27	294.0	27	211.0	30	178.0	29	158.0	27	122.0	24
1931	354.0	32	353.0	30	347.0	27	304.0	28	273.0	28	215.0	29	164.0	31	134.0	33	95.0	33
1933	576.0	15	559.0	14	541.0	12	502.0	12	475.0	9	365.0	12	283.0	13	221.0	15	154.0	15
1934	264.0	40	262.0	38	253.0	38	239.0	38	216.0	37	170.0	40	134.0	40	107.0	40	75.0	40
1935	447.0	25	437.0	23	416.0	21	382.0	21	355.0	19	296.0	18	231.0	19	186.0	20	129.0	22
1936	411.0	29	401.0	26	387.0	25	360.0	24	327.0	25	277.0	22	224.0	22	195.0	19	145.0	16
1937	586.0	14	438.0	22	402.0	23	356.0	26	325.0	26	264.0	24	201.0	23	164.0	24	115.0	25
1938	626.0	10	605.0	10	573.0	8	555.0	8	533.0	5	447.0	3	359.0	4	288.0	4	214.0	4
1939	362.0	31	318.0	32	285.0	33	248.0	33	233.0	33	202.0	31	161.0	32	131.0	34	92.0	34
1940	266.0	39	264.0	37	257.0	35	225.0	40	210.0	39	176.0	37	142.0	38	116.0	39	84.0	39
1941	549.0	18	513.0	16	446.0	20	367.0	22	347.0	22	296.0	19	229.0	20	185.0	21	131.0	20
1942	830.0	7	652.0	7	642.0	7	593.0	6	514.0	7	429.0	4	355.0	5	287.0	5	199.0	5
1943	466.0	23	420.0	25	400.0	24	360.0	25	338.0	24	280.0	21	225.0	21	182.0	22	129.0	23
1944	456.0	24	434.0	24	381.0	26	362.0	23	340.0	23	290.0	20	244.0	17	198.0	18	136.0	19
1945	414.0	28	369.0	28	322.0	30	281.0	31	255.0	31	226.0	28	197.0	25	178.0	23	130.0	21
1946	419.0	27	388.0	27	335.0	28	294.0	29	249.0	32	183.0	35	153.0	35	126.0	35	89.0	36
1947	929.0	5	826.0	5	735.0	6	597.0	5	506.0	8	426.0	6	382.0	3	314.0	3	220.0	3
1948	483.0	21	454.0	21	410.0	22	387.0	20	371.0	17	270.0	23	200.0	24	160.0	25	109.0	27
1949	1020.0	3	865.0	4	779.0	4	718.0	3	542.0	3	396.0	7	301.0	12	236.0	12	162.0	14
1950	561.0	16	511.0	17	477.0	17	446.0	16	353.0	21	246.0	26	182.0	28	144.0	29	100.0	31
1951	1390.0	1	1010.0	1	788.0	3	590.0	7	542.0	4	428.0	5	327.0	7	260.0	9	179.0	10
1952	864.0	6	793.0	6	764.0	5	643.0	4	519.0	6	391.0	9	313.0	10	255.0	10	177.0	11
1953	598.0	12	578.0	12	510.0	14	433.0	17	390.0	16	262.0	25	195.0	26	155.0	28	107.0	28
1954	146.0	42	144.0	42	127.0	42	111.0	42	94.0	42	76.0	42	64.0	42	53.0	42	39.0	42
1955	282.0	36	275.0	35	256.0	36	241.0	36	211.0	38	175.0	39	138.0	39	118.0	37	86.0	37

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH BOULDER CREEK NEAR ELDORADO SPRINGS, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1913	4.00	17	8.00	30	8.00	27	8.00	26	8.10	24	9.10	25	10.00	25	11.00	25	14.00	27
1914	12.00	39	12.00	39	12.00	38	12.00	37	12.00	36	12.00	35	13.00	35	14.00	34	21.00	39
1915	9.00	37	9.00	37	12.00	39	12.00	38	12.00	37	12.00	36	13.00	36	14.00	35	18.00	36
1916	9.00	38	9.00	38	9.60	35	17.00	41	17.00	41	17.00	41	19.00	41	20.00	41	24.00	41
1917	14.00	41	15.00	41	15.00	41	15.00	39	15.00	39	15.00	39	16.00	39	17.00	39	21.00	40
1918	3.00	11	8.30	36	10.00	36	10.00	35	10.00	34	10.00	29	11.00	28	12.00	30	13.00	25
1919	8.00	35	8.00	31	8.00	28	8.40	28	9.50	28	10.00	30	11.00	29	12.00	31	20.00	37
1920	3.00	12	4.70	15	7.10	25	8.90	31	9.90	31	10.00	31	11.00	30	10.00	21	12.00	18
1921	4.00	18	4.70	16	6.30	20	7.00	20	7.00	16	7.50	15	7.60	14	8.80	15	13.00	26
1922	1.00	4	1.00	3	1.10	2	1.60	1	3.60	4	4.40	3	4.60	2	4.70	2	6.80	5
1923	5.00	25	8.00	32	9.00	34	9.30	33	9.70	30	10.00	32	10.00	26	11.00	26	11.00	14
1924	15.00	42	17.00	42	18.00	42	18.00	42	19.00	42	22.00	42	22.00	42	25.00	42	33.00	42
1925	6.00	28	7.00	27	7.00	23	7.30	21	8.00	20	9.10	26	11.00	31	12.00	32	12.00	19
1926	13.00	40	13.00	40	14.00	40	15.00	40	15.00	40	15.00	40	16.00	40	18.00	40	21.00	38
1927	6.00	29	8.00	33	10.00	37	11.00	36	12.00	38	13.00	37	14.00	37	15.00	38	15.00	28
1928	4.00	19	4.70	17	8.00	29	9.50	34	11.00	35	11.00	33	12.00	34	14.00	36	15.00	29
1929	6.80	32	6.80	26	6.80	22	6.80	17	6.80	15	6.90	12	7.20	11	8.30	12	11.00	15
1930	8.00	36	8.00	34	8.00	30	8.00	27	8.00	21	8.50	21	9.70	23	11.00	27	17.00	33
1931	6.00	30	6.00	24	6.00	16	6.00	13	6.00	11	6.50	11	7.40	12	9.00	16	12.00	20
1933	0.00	1	0.67	2	2.00	3	2.00	2	2.00	1	2.00	1	2.40	1	3.30	1	4.50	1
1934	4.00	20	4.00	8	4.00	8	4.00	8	4.00	5	4.50	4	5.20	6	6.20	7	9.10	10
1935	4.00	21	4.30	13	5.00	10	5.00	9	5.00	9	5.00	7	5.50	7	6.00	5	6.50	3
1936	4.80	23	5.90	22	6.10	17	6.50	15	7.10	17	7.50	16	9.20	21	10.00	22	12.00	21
1937	2.00	7	2.30	6	2.70	4	3.30	6	4.00	6	5.60	9	6.90	10	8.20	11	17.00	34
1938	3.40	13	6.00	25	7.10	24	7.40	22	8.00	22	8.80	22	9.40	22	10.00	23	12.00	22
1939	4.00	14	4.30	14	5.10	11	7.60	24	8.60	26	10.00	27	11.00	32	12.00	28	17.00	35
1940	1.20	5	2.10	5	2.80	5	3.00	5	3.40	3	4.70	5	5.10	5	5.40	3	5.90	2
1941	2.90	9	4.10	9	5.10	12	5.90	12	6.50	14	7.10	13	7.60	15	8.40	13	12.00	23
1942	2.00	6	5.00	19	8.30	32	8.90	32	9.50	29	10.00	28	10.00	27	12.00	29	16.00	31
1943	6.20	31	7.40	28	8.20	31	8.80	29	10.00	32	13.00	38	14.00	38	15.00	37	17.00	32
1944	4.80	24	4.90	18	5.10	13	5.30	11	5.40	10	5.70	10	6.10	8	7.00	9	8.10	7
1945	5.20	26	5.90	23	6.30	18	6.60	16	7.40	18	8.10	18	8.40	16	8.50	14	9.40	11

06729500 SOUTH BOULDER CREEK NEAR ELDORADO SPRINGS, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH BOULDER CREEK NEAR ELDORADO SPRINGS, CO.

YEAR	1	3	7	14	30	60	90	120	183
1946	7.50 33	7.50 29	7.50 26	7.50 23	7.60 19	8.10 19	9.10 19	9.90 20	15.00 30
1947	8.00 34	8.10 35	8.40 33	8.90 30	10.00 33	11.00 34	12.00 33	13.00 33	13.00 24
1948	5.50 27	5.80 21	6.40 21	6.90 18	8.30 25	9.00 23	9.20 20	9.30 19	11.00 16
1949	4.00 15	4.10 10	5.40 14	7.00 19	8.70 27	9.00 24	9.80 24	11.00 24	11.00 17
1950	2.50 8	2.70 7	2.80 6	2.90 4	3.20 2	3.90 2	5.00 3	6.10 6	8.10 8
1951	4.00 16	5.60 20	5.70 15	6.30 14	6.40 12	7.50 17	8.50 17	9.00 17	10.00 12
1952	3.00 10	4.20 11	6.30 19	7.70 25	8.10 23	8.50 20	8.50 18	9.20 18	11.00 13
1953	4.10 22	4.30 12	4.40 9	5.20 10	6.50 13	7.20 14	7.40 13	8.00 10	8.50 9
1954	0.21 2	0.20 1	0.96 1	2.60 3	4.10 7	5.50 8	6.10 9	6.90 8	6.70 4
1955	0.41 3	1.60 4	3.60 7	3.90 7	4.20 8	4.70 6	5.10 4	5.80 4	7.60 6

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
19.0	16.0	11.4	9.38	9.85	15.7	66.1	236	316	116	46.9	23.9
105	86.3	32.7	17.0	18.3	37.2	1694	10990	16190	3081	811	363
10.3	9.29	5.72	4.12	4.28	6.10	41.2	105	127	55.5	28.5	19.1
0.88	2.08	1.63	0.73	1.38	0.59	1.36	1.04	0.31	1.21	1.25	3.74
0.54	0.58	0.50	0.44	0.43	0.39	0.62	0.44	0.40	0.48	0.61	0.80
2.14	1.80	1.28	1.06	1.11	1.77	7.46	26.6	35.6	13.1	5.29	2.70

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.22	1.14	1.00	0.93	0.96	1.16	1.75	2.33	2.46	2.02	1.60	1.30
0.06	0.05	0.05	0.04	0.04	0.03	0.06	0.04	0.04	0.04	0.07	0.07
0.24	0.23	0.22	0.21	0.19	0.18	0.25	0.19	0.20	0.21	0.26	0.26
-0.08	0.11	-0.43	-0.65	-0.58	-0.38	0.30	-0.05	-0.94	-0.31	-0.02	0.50
0.19	0.20	0.22	0.22	0.20	0.15	0.14	0.08	0.08	0.10	0.16	0.20
6.82	6.40	5.62	5.20	5.35	6.51	9.79	13.1	13.8	11.3	8.94	7.25

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
74.0	622	24.9	0.39	0.34	-0.151

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.84	0.02	0.16	-0.53	0.08	-0.093

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH BOULDER CREEK NEAR ELDORADO SPRINGS, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1956										31	75	20	49	42	11	5	9	1	12	18	12	14	7	7	9	9	2	2	3	8	7	5	8		
1957						2	3	1	3	23	39	9	40	29	35	9	3	5	16	4	8	8	10	7	16	13	15	10	6	8	15	17	6	5	
1958									6	55	7	29	20	15	22	15	12	15	13	30	27	22	18	5	5	9	7	6	21	6					
1959						1	2	1	43	56	5	21	33	18	20	5	2	18	5	9	8	17	16	15	10	11	4	3	17	1	8	8	5	3	
1960										10			53	19	10	17	30	39	11	23	3	5	31	27	11	22	6	10	6	15	9	9			
1961									6	12	12	46	24	26	18	2	10	17	24	23	16	32	5	14	12	3	12	17	18	14	2				
1962													5	3	28	15	84	35	53	7	26	9	5	2	7	1	8	22	31	15	3	6			
1963											1	55	61	48	31	22	7	5	8	15	25	26	13	3	3	19	17	3	3						
1964		1								1	5	96	67	8	37	2	5	5	13	27	14	12	11	4	5	9	12	4	24	3	2				
1965										28	41	55	40	16	11	1	8	2	7	7	4	22	5	6	13	19	11	15	4	15	12	11	6	5	1
1966									1		7	15	60	71	32	7	6	17	26	17	8	29	22	7	9	8	22	1							
1967		1		2		3	33	13	18	15	12	19	5	4	28	6	22	46	27	11	22	8	9	4	6	9	3	10	8	8	10	3			
1968														23	131	12	6	45	34	12	4	15	9	5	7	15	13	3	6	18	3	5			
1969									9	5	11	19	37	17	50	13	15	22	32	14	15	14	2	2	6	5	4	5	12	23	10	12	10		1
1970														10	82	12	33	16	41	29	13	29	15	2	2	16	7	6	21	15	13	3			
1971								21	6			1	4	3	60	3	16	58	24	43	14	22	9	8	5	14	4	10	7	4	13	16			
1972											14	59	30	7	30	16	17	45	28	30	9	28	3	2	3	11	3	9	7	4	6	5			
1973										21	4	6	17	59	20	24	49	11	16	28	3	11	21	2	1	18	18	6	11	10	9				
1974											22	17	13	10	37	15	15	38	61	27	7	5	5	3	19	10	6	7	13	23	7	5			
1975								2	2	9	8	22	50	9	14	14	43	35	11	27	7	11	14	5	7	11	14	17	20	12	1				

06729500 SOUTH BOULDER CREEK NEAR ELDORADO SPRINGS, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH BOULDER CREEK NEAR ELDORADO SPRINGS, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	7305	100.0	12	7.8	608	6108	83.6	24	93	156	1467	20.0
1	0.70	1	7305	100.0	13	9.6	437	5500	75.3	25	110	232	1311	17.9
2	1.00	0	7304	100.0	14	12.0	707	5063	69.3	26	140	188	1079	14.7
3	1.20	2	7304	100.0	15	15.0	215	4356	59.6	27	170	166	891	12.1
4	1.50	0	7302	100.0	16	18.0	392	4141	56.7	28	210	238	725	9.9
5	1.80	6	7302	100.0	17	22.0	475	3749	51.3	29	260	202	487	6.6
6	2.30	38	7296	99.9	18	27.0	462	3274	44.8	30	320	130	285	3.9
7	2.80	38	7258	99.4	19	33.0	401	2812	38.5	31	400	105	155	2.1
8	3.40	94	7220	98.8	20	41.0	245	2411	33.0	32	490	35	50	.6
9	4.20	266	7126	97.5	21	50.0	339	2166	29.7	33	600	13	15	.2
10	5.20	263	6860	93.9	22	62.0	230	1827	25.0	34	740	2	2	
11	6.30	489	6597	90.3	23	76.0	130	1597	21.9					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH BOULDER CREEK NEAR ELDORADO SPRINGS, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1956	545.0	5	500.0	5	496.0	5	439.0	5	370.0	6	248.0	10	182.0	10	146.0	11	100.0	14
1957	711.0	3	688.0	1	606.0	2	545.0	2	478.0	1	381.0	1	303.0	3	257.0	1	184.0	1
1958	264.0	18	260.0	18	247.0	18	245.0	18	232.0	18	170.0	18	138.0	18	113.0	18	80.0	18
1959	632.0	4	613.0	4	600.0	3	510.0	3	416.0	4	282.0	5	225.0	5	183.0	4	129.0	6
1960	430.0	11	423.0	11	417.0	8	384.0	7	346.0	7	266.0	8	211.0	9	182.0	6	132.0	4
1961	335.0	16	315.0	17	310.0	15	263.0	17	237.0	17	224.0	12	173.0	14	142.0	14	111.0	10
1962	451.0	7	444.0	6	427.0	7	351.0	10	283.0	13	256.0	9	230.0	4	183.0	5	127.0	8
1963	223.0	19	216.0	19	184.0	19	159.0	19	143.0	19	125.0	19	95.0	19	83.0	19	64.0	19
1964	347.0	15	325.0	15	286.0	17	266.0	16	242.0	16	189.0	17	146.0	17	119.0	16	83.0	17
1965	740.0	2	687.0	2	632.0	1	548.0	1	445.0	2	373.0	2	305.0	1	254.0	2	180.0	2
1966	178.0	20	170.0	20	156.0	20	150.0	20	122.0	20	114.0	20	90.0	20	78.0	20	58.0	20
1967	460.0	6	429.0	10	378.0	13	317.0	13	306.0	10	223.0	13	166.0	15	132.0	15	96.0	15
1968	445.0	8	433.0	9	409.0	10	346.0	12	306.0	11	226.0	11	175.0	12	143.0	13	103.0	13
1969	1120.0	1	673.0	3	561.0	4	499.0	4	429.0	3	369.0	3	303.0	2	242.0	3	168.0	3
1970	419.0	12	411.0	12	397.0	11	381.0	8	330.0	8	280.0	6	224.0	6	180.0	7	128.0	7
1971	440.0	10	438.0	8	431.0	6	424.0	6	390.0	5	289.0	4	217.0	8	180.0	8	130.0	5
1972	406.0	13	406.0	13	395.0	12	359.0	9	285.0	12	194.0	16	146.0	16	117.0	17	86.0	16
1973	388.0	14	376.0	14	347.0	14	292.0	14	276.0	14	207.0	15	174.0	13	144.0	12	104.0	12
1974	445.0	9	443.0	7	413.0	9	347.0	11	313.0	9	270.0	7	218.0	7	177.0	9	126.0	9
1975	334.0	17	318.0	16	305.0	16	277.0	15	244.0	15	215.0	14	181.0	11	151.0	10	108.0	11

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH BOULDER CREEK NEAR ELDORADO SPRINGS, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1957	2.00	3	2.20	3	3.10	3	4.30	5	5.10	5	6.20	5	7.40	6	7.10	3	8.30	3
1958	4.00	10	4.00	7	4.00	7	4.10	4	4.40	3	4.80	2	5.40	2	10.00	12	18.00	16
1959	2.20	4	3.20	5	3.40	4	3.70	3	3.80	2	4.20	1	4.60	1	5.00	1	7.00	1
1960	3.10	7	4.00	8	5.00	10	6.10	13	7.70	14	7.90	12	11.00	14	14.00	17	19.00	17
1961	4.00	8	4.00	9	4.00	5	5.30	9	6.00	7	6.50	6	7.20	5	9.20	8	13.00	9
1962	14.00	19	14.00	19	15.00	19	15.00	19	17.00	19	19.00	19	21.00	19	20.00	19	28.00	19
1963	6.00	16	6.30	17	6.50	16	6.50	14	6.60	10	7.10	8	8.30	10	8.70	6	8.90	4
1964	6.20	17	6.20	16	6.30	15	6.50	15	7.00	12	7.30	9	7.70	7	9.20	7	10.00	6
1965	4.40	12	4.50	11	4.50	8	4.50	7	4.60	4	5.10	3	5.70	3	6.00	2	7.10	2
1966	4.10	11	4.80	12	6.00	14	7.70	16	8.00	15	8.50	13	9.00	11	9.40	9	15.00	13
1967	0.80	1	2.10	2	2.50	1	2.50	1	2.50	1	5.10	4	6.50	4	8.60	5	9.60	5
1968	1.40	2	1.50	1	11.00	18	11.00	18	11.00	17	12.00	16	12.00	15	12.00	14	14.00	11
1969	4.00	9	4.00	10	4.00	6	4.40	6	5.40	6	7.40	10	9.00	12	9.60	10	13.00	10
1970	7.80	18	7.80	18	8.00	17	9.50	17	12.00	18	12.00	17	14.00	18	14.00	18	24.00	18
1971	3.00	5	3.00	4	3.00	2	3.00	2	6.20	8	12.00	18	13.00	16	13.00	15	17.00	15
1972	5.60	15	5.60	15	5.60	13	5.70	10	6.80	11	7.00	7	7.70	8	8.00	4	12.00	7
1973	5.00	13	5.00	13	5.00	11	5.00	8	6.30	9	8.60	14	9.20	13	9.70	11	13.00	8
1974	5.20	14	5.50	14	5.50	12	5.70	11	8.10	16	11.00	15	13.00	17	14.00	16	16.00	14
1975	3.00	6	3.30	6	4.50	9	5.70	12	7.20	13	7.70	11	8.20	9	11.00	13	15.00	12

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
22.2	16.2	11.5	8.88	11.6	13.5	39.8	153	279	139	48.4	27.6
174	106	24.1	18.1	53.8	32.4	479	3947	7800	6900	874	254
13.2	10.3	4.91	4.25	7.33	5.70	21.9	62.8	88.3	83.1	29.6	15.9
1.05	1.15	0.89	1.18	1.34	0.71	1.36	0.99	0.10	1.81	2.95	1.65
0.59	0.64	0.43	0.48	0.63	0.42	0.55	0.41	0.32	0.60	0.61	0.58
2.88	2.10	1.49	1.15	1.50	1.75	5.17	19.9	36.3	18.0	6.27	3.59

06729500 SOUTH BOULDER CREEK NEAR ELDORADO SPRINGS, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.28	1.13	1.02	0.90	0.99	1.09	1.55	2.15	2.42	2.08	1.64	1.38
0.06	0.07	0.03	0.04	0.06	0.03	0.05	0.03	0.02	0.05	0.03	0.06
0.25	0.26	0.18	0.21	0.25	0.18	0.22	0.16	0.15	0.23	0.18	0.24
0.22	0.30	0.14	-0.35	0.39	0.18	0.16	0.61	-0.80	0.24	2.02	-0.04
0.20	0.23	0.18	0.23	0.26	0.16	0.14	0.08	0.06	0.11	0.11	0.17
7.25	6.41	5.80	5.11	5.61	6.21	8.76	12.2	10.7	11.8	9.29	7.82

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
64.4	306	17.5	0.25	0.27	-0.271

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.79	0.01	0.12	-0.29	0.07	-0.215

06730300 COAL CREEK NEAR PLAINVIEW, COLO.

LOCATION.--Lat 39°52'40", long 105°16'36", in SE¼NE¼ sec.13, T.2 S., R.71 W., Jefferson County, on left bank 100 ft (30 m) upstream from culvert on State Highway 72, 1.2 mi (1.9 km) south of Plainview, 4.9 mi (7.9 km) downstream from Beaver Creek, and 9 mi (14 km) north of Golden.

DRAINAGE AREA.--15.1 mi² (39.1 km²).

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
COAL CREEK NEAR PLAINVIEW, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1960	56							7	10	20	27	42	15	22	25	23	22	8	14	12	18	16	16	4	2	3	4								
1961	13							4		67	14	29	21	26	25	25	19	14	18	26	26	16	14	4	4										
1962	57							9	6	8	2	3	4	55	93	36	31	14	11	4	14	8	7	3											
1963	45							52	72	59	14	40	21	33	14	1	3	2	2		1	2	2		1	1									
1964	57							14	25	137	4	16	6	10	9	19	16	13	17	22	1														
1965	43							19	46	36	5	15	18	49	9	28	12	18	12	10	8	9	12	8	7	1									
1966	56							15	30	71	40	79	36	32	6																				
1967	34							98	35	31		22	10	12	9	30	18	10	19	8	9	7	6	5	2										
1968	18	7	7	1	5		4	13	4	16	5	52	58	57	24	13	12	19	13	15	10	8	2	3											
1969	1	1	5		1		1	50	100	65	2	19	11	10	11	12	9	7	5	12	4	7	7	7	6	6	1	1	1	1		2			
1970					1	4		10	25	52	9	23	15	26	26	23	13	20	17	17	31	20	18	14	1										
1971					7	11		18	6	9	13	36	35	47	30	52	25	17	8	7	4	6	5	8	13	7	1								
1972						25		39	13	31	34	86	27	39	23	16	12	5	6	5	4	1													
1973					7	12		46	18	9	12	44	35	41	19	23	10	10	9	5	5	6	18	8	9	7	5	2	4	1					
1974		1	1	15	19	14		26	17	52	26	44	13	25	8	23	17	10	15	6	6	8	19												
1975				10	15	14		28	36	62	19	52	18	12	7	14	15	16	20	4	2	6	7	3	3	2									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	380	5844	100.0	12	0.9	343	2832	48.5	24	42	48	98	1.6
1	0.01	9	5464	93.5	13	1.2	496	2489	42.6	25	58	27	50	.8
2	0.02	13	5455	93.3	14	1.7	338	1993	34.1	26	80	11	23	.3
3	0.03	26	5442	93.1	15	2.3	338	1655	28.3	27	110	3	12	.2
4	0.04	55	5416	92.7	16	3.2	234	1317	22.5	28	150	5	9	.1
5	0.06	80	5361	91.7	17	4.4	183	1083	18.5	29	210	2	4	
6	0.09	5	5281	90.4	18	6.1	186	900	15.4	30	290		2	
7	0.10	448	5276	90.3	19	8.4	153	714	12.2	31	400	2	2	
8	0.20	443	4828	82.6	20	12.0	143	561	9.6	32				
9	0.30	725	4385	75.0	21	16.0	120	418	7.2	33				
10	0.50	226	3660	62.6	22	22.0	133	298	5.1	34				
11	0.60	602	3434	58.8	23	31.0	67	165	2.8					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
COAL CREEK NEAR PLAINVIEW, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1960	105.0	3	94.0	3	84.0	3	60.0	3	40.0	4	28.0	4	22.0	4	17.0	3	12.0	3
1961	55.0	8	50.0	7	44.0	6	34.0	7	26.0	5	21.0	5	17.0	6	14.0	5	10.0	5
1962	33.0	12	32.0	11	29.0	11	25.0	10	20.0	11	13.0	11	9.8	11	7.7	11	5.8	11
1963	67.0	6	47.0	8	30.0	10	16.0	13	8.8	13	4.5	15	3.3	15	2.7	15	1.9	15
1964	12.0	15	11.0	15	10.0	15	9.0	15	8.1	14	6.8	13	5.7	13	4.6	13	3.2	13
1965	70.0	5	56.0	6	44.0	7	36.0	6	21.0	9	20.0	7	15.0	7	14.0	6	9.6	7

06730300 COAL CREEK NEAR PLAINVIEW, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
COAL CREEK NEAR PLAINVIEW, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1966	2.2	16	1.9	16	1.6	16	1.4	16	1.4	16	1.1	16	1.0	16	0.9	16	0.7	16
1967	44.0	9	41.0	9	37.0	8	29.0	9	21.0	10	15.0	8	11.0	9	9.2	8	6.3	8
1968	34.0	11	32.0	12	26.0	12	18.0	12	16.0	12	12.0	12	9.1	12	7.3	12	5.2	12
1969	1110.0	1	592.0	1	326.0	1	181.0	1	100.0	1	62.0	1	42.0	1	32.0	1	21.0	1
1970	43.0	10	37.0	10	36.0	9	31.0	8	25.0	6	21.0	6	18.0	5	14.0	7	9.7	6
1971	98.0	4	78.0	4	66.0	4	58.0	4	50.0	3	32.0	3	23.0	3	17.0	4	12.0	4
1972	19.0	14	15.0	14	13.0	14	10.0	14	7.2	15	4.8	14	3.7	14	3.0	14	2.2	14
1973	213.0	2	193.0	2	165.0	2	122.0	2	88.0	2	57.0	2	41.0	2	31.0	2	21.0	2
1974	27.0	13	26.0	13	25.0	13	24.0	11	22.0	8	14.0	10	11.0	10	8.7	10	6.0	10
1975	64.0	7	59.0	5	48.0	5	36.0	5	25.0	7	15.0	9	12.0	8	9.0	9	6.1	9

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
COAL CREEK NEAR PLAINVIEW, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1961	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.05	3	0.44	10	0.42	9
1962	0.40	15	0.43	15	0.59	15	0.90	15	1.50	15	1.70	15	1.70	15	1.80	15	2.20	14
1963	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.01	2	0.05	2	0.10	3
1964	0.00	3	0.00	3	0.00	3	0.00	3	0.07	7	0.27	9	0.28	8	0.29	7	0.41	7
1965	0.00	4	0.00	4	0.00	4	0.00	4	0.00	3	0.00	3	0.00	1	0.02	1	0.09	2
1966	0.00	5	0.03	8	0.07	11	0.11	11	0.19	11	0.32	10	0.35	10	0.41	9	0.60	10
1967	0.00	6	0.00	5	0.00	5	0.00	5	0.00	4	0.04	4	0.06	4	0.06	3	0.08	1
1968	0.20	14	0.20	14	0.24	14	0.49	14	0.70	14	0.75	14	0.87	13	0.95	13	1.00	12
1969	0.00	7	0.00	6	0.00	6	0.00	6	0.01	5	0.05	5	0.15	6	0.19	4	0.20	4
1970	0.09	13	0.11	13	0.13	13	0.19	13	0.20	12	0.34	12	0.51	11	0.91	12	3.20	15
1971	0.05	11	0.06	11	0.12	12	0.13	12	0.36	13	0.70	13	1.00	14	1.30	14	1.60	13
1972	0.04	9	0.04	9	0.05	8	0.07	9	0.17	10	0.32	11	0.55	12	0.62	11	0.84	11
1973	0.06	12	0.06	12	0.06	10	0.07	10	0.08	8	0.15	7	0.17	7	0.19	5	0.37	6
1974	0.05	10	0.05	10	0.05	9	0.06	8	0.09	9	0.18	8	0.32	9	0.39	8	0.42	8
1975	0.01	8	0.02	7	0.03	7	0.03	7	0.03	6	0.06	6	0.09	5	0.20	6	0.29	5

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.48	1.32	0.68	0.55	0.75	2.09	9.77	24.2	9.86	1.77	0.77	0.95
5.01	3.41	0.34	0.14	0.39	3.49	56.8	814	63.0	4.80	2.12	3.47
2.24	1.85	0.59	0.38	0.62	1.87	7.54	28.5	7.94	2.19	1.46	1.86
2.83	2.73	1.28	1.44	1.68	1.94	0.27	1.79	0.72	1.94	3.25	3.30
1.52	1.40	0.86	0.69	0.83	0.90	0.77	1.18	0.80	1.24	1.90	1.96
2.73	2.43	1.26	1.01	1.38	3.85	18.0	44.6	18.2	3.26	1.42	1.76

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
-0.21	-0.17	-0.31	-0.35	-0.25	0.17	0.80	1.05	0.82	-0.03	-0.65	-0.35
0.54	0.28	0.13	0.09	0.12	0.14	0.23	0.46	0.20	0.28	0.57	0.50
0.74	0.53	0.36	0.30	0.34	0.38	0.48	0.68	0.45	0.53	0.75	0.71
-0.91	-0.01	0.14	-0.21	0.17	-0.15	-0.57	-1.10	-0.76	-0.04	-0.02	-0.59
-3.45	-3.05	-1.19	-0.85	-1.35	2.18	0.60	0.64	0.55	-15.7	-1.15	-2.00
-42.1	-34.5	-60.5	-69.9	-49.6	34.3	158	207	162	-6.67	-129	-69.5

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
4.53	9.69	3.11	0.86	0.69	-0.056

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.54	0.13	0.36	-0.68	0.66	-0.051

06730500 BOULDER CREEK AT MOUTH, NEAR LONGMONT, COLO.

LOCATION.--Lat 40°08'03", long 105°01'00", in SW¼ sec.16, T.2 N., R.68 W., Weld County, on right bank 200 ft (61 m) downstream from Burlington Railway bridge, 1,800 ft (550 m) upstream from State Highway 254, 2.2 mi (3.5 km) upstream from mouth, and 5 mi (8 km) southeast of city hall in Longmont.

DRAINAGE AREA.--439 mi² (1,137 km²).

REMARKS.--Diversions above station for irrigation of about 90,000 acres (364 km²).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BOULDER CREEK AT MOUTH, NEAR LONGMONT, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1928							1			14	19	8	6	4	2	11	19	25	48	67	42	23	7	14	23	9	10	13	1						
1929							1			3	7	15	16	17	16	24	23	25	45	42	34	87	5	3	2										
1930										2	3	17	17	31	15	34	25	50	20	12	44	56	23	10	4	2									
1931							6			32	18	27	12	6	9	35	23	35	73	29	12	13	12	13	9	1									
1932							1			47	99	43	35	33	24	36	26	7	8	3	4														
1933							35			75	30	33	47	14	31	23	14	6	6		2	6	8	6	13	8	7	1							
1934							55			52	50	19	20	12	13	11	29	21	24	26	14	7	1	6	3	2									
1935	28						75			81	58	33	30	7	5	3	3	2	2	2	2	2	2	7	5	5	9	4							
1936	3		2	1	2	2	3	6	8	22	12	5	7	10	15	17	30	62	50	46	19	12	15	7	4	5	1								
1937									12	17	5	12	30	17	10	2	12	26	44	29	99	21	13	8	1	4	1	2							
1938								2	5	12	36	29	27	18	12	27	45	16	14	14	2	7	3	13	21	11	18	19	11	1		1	1		
1939					1	3	9	25	38	12	5	6	9	1	3	7	8	3	6	4	84	90	34	1	7	9									
1940			2	2	13	17	38	40	53	47	33	16	50	30	4	5	6	1	1	8															
1941				1		1	8	6	13	13	29	54	39	22	9	32	45	15	15	6	4	4	10	15	15	2	1	5	1						
1942	2		1	1	2		10	12	14	10	17	8	8	3	13	11	20	10	43	8	64	20	7	10	7	3	5	4	7	21	19	5			
1943					12	5	8		1	12	21	25	17	4	3	1	6	37	66	75	10	16	17	9	9	4	5	2							
1944							2	9	21	26	32	15	13	7	7	10	50	87	17	9	5	5	2	5	5	11	8	6	14						
1945						3	3	3	12	12	13	7	17	14	10	34	71	49	30	19	12	18	17	5	9	4	1	2							
1946	2		4	3	4	10	24	17	3	13	14	21	23	10	16	25	9	17	26	36	62	20	6												
1947						1	4	7	6	6	9	21	17	29	15	12	53	44	27	16	15	9	5	12	11	5	5	8	9	4	11	4			
1948							7	23	20	12	3	7	9	7	7	9	9	21	22	36	42	41	46	29	8	7	1								
1949						4	6	13	35	16	10	5	18	9	23	31	19	19	23	36	42	7	15	9	1	3	3	2	6	4	4	1	1		
1952						14	41	12	13	3		3	4	5	2	8	9	12	11	19	90	52	10	3	6	7	9	11	10	8	4				
1953			1	3	18	17	63	4	9	11	22	20	6	9	7	48	25	22	30	23	12	6	7	1	1										
1954	1	1	2		43	69	71	46	20	16	8	13	11	5	5	15	39																		
1955			13	7	53	66	29	38	12	9	14	13	7	2	6	56	33		1	1	3		1		1										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	36	9497	100.0	12	5.0	495	6382	67.2	24	180	165	578	6.0
1	0.10	1	9461	99.6	13	6.7	326	5887	62.0	25	250	102	413	4.3
2	0.20	25	9460	99.6	14	9.0	282	5561	58.6	26	330	84	311	3.2
3	0.30	18	9435	99.3	15	12.0	527	5279	55.6	27	450	79	227	2.3
4	0.40	148	9417	99.2	16	16.0	651	4752	50.0	28	600	59	148	1.5
5	0.60	212	9269	97.6	17	22.0	612	4101	43.2	29	820	38	89	.9
6	0.80	500	9057	95.4	18	30.0	652	3489	36.7	30	1100	38	51	.5
7	1.10	263	8557	90.1	19	41.0	566	2837	29.9	31	1500	11	13	.1
8	1.50	295	8294	87.3	20	55.0	719	2271	23.9	32	2000	2	2	
9	2.00	575	7999	84.2	21	74.0	522	1552	16.3	33				
10	2.70	567	7424	78.2	22	100.0	266	1030	10.8	34				
11	3.70	475	6857	72.2	23	130.0	186	764	8.0					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BOULDER CREEK AT MOUTH, NEAR LONGMONT, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1928	643.0	7	548.0	8	495.0	8	479.0	7	423.0	7	309.0	7	242.0	7	192.0	7	145.0	6
1929	232.0	20	182.0	20	112.0	20	96.0	20	93.0	20	90.0	19	87.0	17	80.0	15	67.0	13
1930	250.0	19	233.0	19	201.0	19	167.0	18	105.0	19	92.0	17	86.0	18	77.0	16	62.0	16
1931	317.0	17	256.0	18	217.0	17	193.0	17	159.0	15	115.0	15	92.0	15	75.0	17	61.0	17
1932	69.0	24	50.0	24	42.0	25	29.0	24	20.0	24	14.0	25	14.0	24	13.0	23	12.0	23
1933	482.0	12	454.0	11	418.0	10	344.0	9	270.0	9	178.0	8	126.0	10	95.0	12	66.0	14
1934	316.0	18	268.0	17	205.0	18	163.0	19	114.0	18	74.0	20	62.0	21	54.0	21	39.0	21
1935	534.0	11	505.0	9	435.0	9	336.0	10	297.0	8	164.0	9	111.0	13	84.0	14	56.0	19
1936	344.0	14	305.0	16	252.0	16	208.0	16	130.0	17	107.0	16	88.0	16	73.0	19	59.0	18
1937	560.0	10	489.0	10	368.0	11	211.0	15	155.0	16	90.0	18	86.0	19	74.0	18	69.0	12
1938	2300.0	1	1650.0	2	956.0	5	708.0	5	466.0	6	360.0	5	295.0	4	227.0	4	221.0	4
1939	326.0	16	309.0	14	287.0	13	265.0	12	193.0	12	142.0	13	121.0	11	107.0	9	101.0	9
1940	49.0	25	47.0	25	43.0	24	22.0	25	13.0	26	9.5	26	8.3	26	7.4	26	6.7	26
1941	640.0	8	583.0	7	523.0	7	355.0	8	225.0	10	153.0	11	134.0	8	106.0	10	74.0	11
1942	1640.0	4	1590.0	4	1500.0	2	1450.0	1	1310.0	1	911.0	1	736.0	1	571.0	1	392.0	1
1943	468.0	13	428.0	12	350.0	12	320.0	11	221.0	11	157.0	10	121.0	12	99.0	11	80.0	10
1944	770.0	6	759.0	6	714.0	6	655.0	6	518.0	5	358.0	6	251.0	6	195.0	6	137.0	7
1945	589.0	9	395.0	13	268.0	15	234.0	13	186.0	13	137.0	14	109.0	14	88.0	13	66.0	15
1946	123.0	23	115.0	23	109.0	21	94.0	21	79.0	21	73.0	21	69.0	20	63.0	20	51.0	20
1947	1930.0	3	1780.0	1	1550.0	1	1320.0	2	1020.0	2	674.0	2	488.0	2	369.0	2	248.0	2
1948	339.0	15	306.0	15	273.0	14	218.0	14	178.0	14	145.0	12	133.0	9	126.0	8	103.0	8
1949	2010.0	2	1630.0	3	1180.0	3	990.0	3	685.0	4	377.0	4	272.0	5	211.0	5	154.0	5
1952	1460.0	5	1220.0	5	1070.0	4	875.0	4	686.0	3	537.0	3	384.0	3	307.0	3	227.0	3
1953	191.0	22	152.0	21	77.0	22	62.0	22	50.0	22	38.0	22	35.0	22	35.0	22	33.0	22
1954	20.0	26	20.0	26	20.0	26	20.0	26	20.0	23	14.0	23	12.0	25	9.8	25	7.0	25
1955	208.0	21	131.0	22	72.0	23	35.0	23	18.0	25	14.0	24	14.0	23	12.0	24	11.0	24

06730500 BOULDER CREEK AT MOUTH, NEAR LONGMONT, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BOULDER CREEK AT MOUTH, NEAR LONGMONT, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1928	2.00	23	2.00	23	2.30	22	2.60	21	3.10	20	17.00	23	20.00	23	27.00	23	33.00	23
1929	1.00	16	1.70	21	2.00	20	2.10	18	2.70	19	3.20	16	7.10	18	9.70	16	31.00	21
1930	3.00	25	3.70	25	4.00	24	4.90	24	11.00	25	20.00	25	21.00	24	29.00	24	28.00	20
1931	2.00	24	3.00	24	4.10	25	5.40	25	9.60	24	14.00	22	16.00	21	23.00	21	25.00	18
1932	1.00	17	1.00	16	1.90	19	2.20	19	2.60	17	2.80	14	2.90	12	3.00	9	3.70	6
1933	1.00	18	1.00	17	1.00	15	1.30	17	1.70	11	1.90	8	2.20	7	2.20	6	3.10	5
1934	1.00	19	1.00	18	1.00	16	1.20	12	1.70	12	2.60	12	4.30	15	5.20	14	5.80	10
1935	0.00	1	0.00	1	0.29	2	1.00	9	1.10	6	1.20	5	1.50	5	1.60	5	1.80	3
1936	0.00	2	0.00	2	0.00	1	0.14	1	2.10	14	3.10	15	4.30	16	6.10	15	15.00	15
1937	0.00	3	0.07	3	0.39	4	0.58	6	2.40	15	12.00	20	11.00	19	16.00	19	26.00	19
1938	1.50	21	1.60	20	1.70	18	2.50	20	2.70	18	3.60	17	4.00	14	4.30	13	7.00	12
1939	1.30	20	1.50	19	2.10	21	2.70	22	3.20	21	18.00	24	76.00	25	79.00	25	81.00	25
1940	0.30	9	0.40	10	0.44	7	0.60	7	0.84	4	1.10	4	1.30	4	1.50	4	1.50	2
1941	0.20	7	0.33	8	0.83	11	1.00	10	1.20	7	1.70	6	2.70	11	3.70	10	5.10	8
1942	0.30	10	0.80	15	0.83	12	1.20	11	2.60	16	4.60	18	5.00	17	15.00	18	19.00	16
1943	0.00	4	0.10	4	0.54	9	0.79	8	1.20	8	1.80	7	2.60	10	14.00	17	21.00	17
1944	0.40	12	0.40	11	0.40	6	0.44	3	0.88	5	2.10	9	2.20	6	2.80	8	8.90	14
1945	0.60	13	0.67	12	0.83	13	1.30	13	1.70	13	2.10	10	2.40	8	3.70	11	8.10	13
1946	1.70	22	1.90	22	3.00	23	3.40	23	4.10	22	13.00	21	19.00	22	23.00	22	35.00	24
1947	0.00	5	0.30	6	0.76	10	1.30	14	1.60	10	2.80	13	3.70	13	4.20	12	5.30	9
1948	0.60	14	0.77	14	1.00	17	1.30	15	5.40	23	7.50	19	14.00	20	21.00	20	33.00	22
1949	0.60	15	0.67	13	0.97	14	1.30	16	1.40	9	2.20	11	2.40	9	2.50	7	6.70	11
1953	0.30	11	0.33	9	0.39	5	0.47	4	0.68	3	0.76	3	0.78	2	0.94	2	4.40	7
1954	0.20	8	0.30	7	0.47	8	0.49	5	0.62	2	0.72	2	1.00	3	1.20	3	2.10	4
1955	0.00	6	0.10	5	0.30	3	0.43	2	0.46	1	0.52	1	0.56	1	0.56	1	0.67	1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
16.8	21.8	32.1	39.7	39.9	36.2	84.1	175	167	27.6	10.5	21.7
393	457	739	698	927	936	14020	58050	55150	2220	389	7319
19.8	21.4	27.2	26.4	30.4	30.6	118	241	235	47.1	19.7	85.5
1.55	1.20	0.58	0.34	0.99	1.25	3.26	2.57	2.23	3.07	3.48	5.06
1.18	0.98	0.85	0.67	0.76	0.85	1.41	1.38	1.41	1.71	1.88	3.94
2.49	3.24	4.77	5.91	5.94	5.38	12.5	26.0	24.8	4.11	1.56	3.23

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.85	1.02	1.24	1.46	1.46	1.39	1.59	1.79	1.78	1.03	0.62	0.59
0.41	0.40	0.35	0.16	0.16	0.18	0.40	0.60	0.52	0.35	0.29	0.32
0.64	0.63	0.59	0.41	0.40	0.42	0.63	0.77	0.72	0.59	0.54	0.57
-0.02	-0.58	-0.76	-1.01	-0.68	-0.49	-0.74	-0.66	-0.37	0.50	0.99	1.97
0.75	0.62	0.48	0.28	0.28	0.30	0.40	0.43	0.41	0.58	0.86	0.97
5.75	6.91	8.37	9.87	9.82	9.39	10.7	12.1	12.0	6.92	4.19	3.95

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
55.9	2230	47.2	1.59	0.84	0.071

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.58	0.20	0.44	-0.80	0.28	0.314

06731000 ST. VRAIN CREEK AT MOUTH, NEAR PLATTEVILLE, COLO.

LOCATION.--Lat 40°15'29", long 104°52'45", in SE¼NW¼ sec.3, T.3 N., R.67 W., Weld County, on right bank 140 ft (43 m) downstream from bridge on county road, 1.3 mi (2.1 km) upstream from mouth, and 4.2 mi (6.8 km) northwest of Platteville.

DRAINAGE AREA.--976 mi² (2,528 km²).

REMARKS.--Diversions above station for irrigation of about 177,000 acres (716 km²). Flow partly regulated by many small reservoirs above station.

06731000 ST. VRAIN CREEK AT MOUTH, NEAR PLATTEVILLE, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ST. VRAIN CREEK AT MOUTH, NEAR PLATTEVILLE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1928										10	27	33	101	51	32	20	15	12	9	10	8	6	4	3	2	3	17	3							
1929										12	9	97	97	25	46	27	21	17	4	2		3	1	2	2										
1930										9	29	71	82	65	82	12	3	1	4	2		2	1	1		1									
1931								13	14	17	62	134	46	20	21	14	16	2	3	2	1														
1932						4	42	89	146	24	20	13	17	5	4	1	1																		
1933						5	24	101	49	55	17	16	19	8	15	8	4	2	6	7	7	4	6	2	3	1	6								
1934			3	12	8	11	9	16	47	115	52	34	23	8	7	7	2	3	3	3	2														
1935		2	18	8	63	61	65	8	11	20	17	18	11	13	8	3	6	2		1	3	5	3	3	4	4	5	3							
1936										11	128	79	57	15	29	16	9	1	4	3	1	2	3	5	2	1									
1937									6	5	26	109	77	48	46	12	6	7	7	4	3	1	1	2	2		2	1							
1938									2	78	75	49	13	15	19	5	7	9	15	14	10	5	17	7	8	7	5	1	1	1	1		1		
1939							3	12	3	6	8	28	43	28	77	100	26	3	19	5	3	1													
1940					2	16	31	51	71	95	34	35	14	3	8	3	1				1	1													
1941						1	10	32	62	81	24	42	28	14	12	9	14	8	6	7	6	4		3	1		1								
1942										13	28	53	54	47	50	22	9	6	7	1	7	6	3	2	2	1	13	14	11	10	3	2	1		
1943									3	14	3	49	87	62	44	34	14	9	8	6	7	3	2	6	2	7	5								
1944							1	4	33	83	71	26	17	15	12	10	13	3	6	9	13	1	15	7	8	5	3	6	5						
1945						10	7	10	24	96	57	23	15	19	19	29	17	9	6	4	4	6	5	2	3										
1946						1	4	25	14	12	37	88	98	53	22	4	1	1	3				1		1										
1947								5	22	15	59	40	49	23	28	22	17	7	6	6	10	8	2	2	4	4	4	9	10	8	2	1	1	1	
1948										16	23	23	49	63	67	43	40	19	11	4	8														
1949									7	72	100	45	38	7	26	10	7	6	8	5	4	3	2			1	2	1	1	5	11	2	1	1	
1950		1	1	1	4	4	4	10	19	105	72	62	43	21	6	3	2	3	2			2													
1951					1	2	10	6	53	60	61	19	25	19	22	17	17	8	13	6	7	3	2	2	3	2	4	1		1	1				
1952											3	13	44	93	70	43	14	14	11	5	4	7	3	1	8	11	6	8	3	4	1				
1953							2	2	6	32	79	128	45	19	20	12	5	5	8	2															
1954				8	4	18	28	53	63	118	45	19	5	4																					
1955			6	4	8	5	8	108	99	60	22	22	8	8	5	1		1																	
1956					2	15	15	60	58	79	44	38	16	8	15	5	5	2	4																
1957							2	15	39	93	31	6	2	5	16	18	16	14	14	8	4	12	10	12	6	3	6	14	7	7		2	1	1	1
1958												9	24	54	99	53	54	31	4	2		1		2	2	2	9	9	7	3					
1959										3	8	48	81	56	37	24	45	17	19	2	8	7	3	2	3	1	1								
1960					1	4	2	2		3	8	19	64	45	52	85	26	6	13	7	10	9	5	4	1										
1961										1		22	120	70	36	35	17	5	10	4	1	2	3	14	9	1	2	10	2	1					
1962										5	7	1	7	24	45	51	73	50	56	34	9	3													
1963						14	10	2	3	7	25	45	144	65	20	11	8	4	2	1		2		1				1							
1964							2	16	4	20	67	86	114	30	18	3	4			2															
1965							1	6	3	26	101	84	16	5	5	13	31	16	9	7	2	3	5	2	2	3	7	6	4	7	1				
1966								5	19	19	22	34	58	44	92	41	13	14	2			1		1											
1967							3	4	35	20	80	65	20	13	32	18	16	10	4	5	2		4	5	5	14	8	2							
1968											12	32	80	43	82	84	25	2	4	2															
1969							3	2	4	14	60	52	57	24	36	36	13	4	1	1	6	9	11	2	4	4	2	6	3	4	5	1			1
1970													4	17	33	59	82	41	53	19	20	8	8	1	2	5	11	1		1					
1971											6	6	23	16	49	63	78	44	11	12	7	15	4	11	11	4	2	1	1	1					
1972											12	24	44	45	91	103	28	4	4	4	3	2			1		1								
1973											1	2	33	42	76	84	32	27	10	9	8	7	4	5	9	8	2	1	2	1	1		1		
1974											1	3	16	19	120	132	46	11	4	2	5	4	1				1								
1975											2	12	40	44	93	68	37	21	16	6	7	3	3	4	6	3									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	17532	100.0	12	98.0	2168	10187	58.1	24	980	116	591	3.3
1	12.00	3	17532	100.0	13	120.0	1440	8019	45.7	25	1200	96	475	2.7
2	15.00	28	17529	100.0	14	140.0	1844	6579	37.5	26	1400	125	379	2.1
3	18.00	33	17501	99.8	15	170.0	1473	4735	27.0	27	1700	98	254	1.4
4	21.00	93	17468	99.6	16	210.0	936	3262	18.6	28	2100	57	156	.8
5	26.00	171	17375	99.1	17	260.0	481	2326	13.3	29	2500	54	99	.5
6	31.00	286	17204	98.1	18	310.0	409	1845	10.5	30	3100	26	45	.2
7	38.00	657	16918	96.5	19	380.0	235	1436	8.2	31	3700	8	19	.1
8	46.00	919	16261	92.8	20	450.0	201	1201	6.9	32	4500	6	11	
9	55.00	1524	15342	87.5	21	550.0	161	1000	5.7	33	5500	3	5	
10	67.00	1675	13818	78.8	22	670.0	132	839	4.8	34	6600	2	2	
11	81.00	1956	12143	69.3	23	810.0	116	707	4.0					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ST. VRAIN CREEK AT MOUTH, NEAR PLATTEVILLE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1928	1890.0	20	1850.0	16	1690.0	16	1590.0	14	1380.0	11	918.0	12	699.0	12	571.0	13	411.0	15
1929	1120.0	31	882.0	31	743.0	28	496.0	29	423.0	28	328.0	28	267.0	30	229.0	31	189.0	31
1930	1220.0	29	945.0	29	680.0	31	457.0	31	302.0	33	223.0	34	190.0	35	171.0	35	145.0	36
1931	480.0	41	434.0	40	358.0	39	299.0	37	254.0	36	205.0	35	173.0	38	153.0	39	128.0	39
1932	248.0	47	192.0	47	144.0	47	121.0	47	113.0	46	95.0	46	81.0	46	74.0	47	63.0	47
1933	1650.0	21	1590.0	20	1430.0	19	1040.0	20	835.0	19	559.0	20	414.0	21	329.0	22	242.0	24
1934	484.0	40	406.0	41	363.0	38	306.0	36	208.0	39	148.0	42	130.0	44	119.0	43	103.0	42
1935	2020.0	16	1780.0	17	1550.0	18	1110.0	18	1070.0	16	614.0	19	438.0	19	351.0	20	246.0	23

06731000 ST. VRAIN CREEK AT MOUTH, NEAR PLATTEVILLE, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ST. VRAIN CREEK AT MOUTH, NEAR PLATTEVILLE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1936	1340.0	27	1060.0	27	1030.0	24	751.0	25	491.0	26	317.0	29	271.0	29	238.0	30	191.0	30
1937	1950.0	18	1690.0	19	1290.0	21	768.0	23	562.0	24	369.0	25	283.0	27	239.0	29	193.0	29
1938	5300.0	5	3800.0	6	2510.0	8	1740.0	12	1060.0	17	689.0	16	574.0	16	564.0	15	502.0	8
1939	565.0	38	519.0	36	431.0	34	399.0	34	328.0	32	268.0	32	240.0	32	227.0	32	207.0	28
1940	625.0	37	458.0	39	291.0	42	213.0	42	150.0	45	114.0	45	96.0	45	86.0	45	78.0	45
1941	1550.0	23	1190.0	24	919.0	25	623.0	26	450.0	27	338.0	27	287.0	26	240.0	27	187.0	32
1942	4540.0	7	3870.0	5	3280.0	4	3090.0	4	2590.0	2	1860.0	2	1550.0	1	1210.0	1	843.0	2
1943	1600.0	22	1500.0	21	1350.0	20	1280.0	17	923.0	18	619.0	18	473.0	18	395.0	18	304.0	18
1944	2340.0	15	2310.0	14	2210.0	11	1930.0	9	1480.0	8	1050.0	9	831.0	9	670.0	8	474.0	11
1945	1140.0	30	1040.0	28	749.0	27	569.0	27	540.0	25	371.0	24	309.0	25	282.0	24	219.0	25
1946	1080.0	32	715.0	33	430.0	35	280.0	38	193.0	41	157.0	40	142.0	40	128.0	40	105.0	40
1947	5500.0	4	4830.0	2	3840.0	1	3100.0	3	2520.0	3	1800.0	3	1330.0	3	1040.0	3	720.0	3
1948	530.0	39	506.0	37	420.0	36	358.0	35	298.0	34	255.0	33	244.0	31	240.0	28	214.0	27
1949	5530.0	3	4810.0	3	3820.0	2	3580.0	1	2650.0	1	1470.0	4	1060.0	4	822.0	4	570.0	4
1950	640.0	36	489.0	38	286.0	43	213.0	43	189.0	42	153.0	41	137.0	41	123.0	41	101.0	43
1951	3620.0	8	2880.0	10	1860.0	13	1080.0	19	681.0	21	629.0	17	495.0	17	409.0	17	307.0	17
1952	3290.0	9	3050.0	8	2540.0	7	2040.0	8	1660.0	7	1320.0	6	979.0	6	777.0	6	557.0	6
1953	441.0	42	393.0	42	315.0	40	257.0	40	206.0	40	195.0	38	171.0	39	154.0	38	129.0	38
1954	130.0	48	122.0	48	110.0	48	101.0	48	90.0	48	76.0	48	68.0	48	63.0	48	58.0	48
1955	290.0	46	214.0	46	161.0	46	125.0	46	97.0	47	83.0	47	80.0	47	77.0	46	64.0	46
1956	373.0	45	316.0	45	236.0	45	186.0	45	161.0	44	134.0	44	131.0	43	119.0	44	92.0	44
1957	6700.0	1	5240.0	1	3680.0	3	3300.0	2	2340.0	4	1950.0	1	1500.0	2	1210.0	2	858.0	1
1958	2900.0	13	2570.0	11	2340.0	10	2100.0	6	1880.0	5	1150.0	8	832.0	8	669.0	9	492.0	9
1959	1440.0	25	1270.0	22	1090.0	23	788.0	22	607.0	22	466.0	23	395.0	22	350.0	21	288.0	20
1960	1060.0	33	928.0	30	846.0	26	753.0	24	587.0	23	471.0	22	375.0	23	322.0	23	263.0	22
1961	2950.0	12	2450.0	12	2080.0	12	1900.0	11	1470.0	9	972.0	11	717.0	11	581.0	12	443.0	14
1962	660.0	35	540.0	35	467.0	33	426.0	33	383.0	29	347.0	26	312.0	24	279.0	25	271.0	21
1963	2000.0	17	1180.0	25	733.0	29	430.0	32	279.0	35	195.0	39	181.0	36	169.0	37	133.0	37
1964	434.0	43	367.0	44	266.0	44	199.0	44	174.0	43	146.0	43	132.0	42	123.0	42	103.0	41
1965	3280.0	10	3010.0	9	2350.0	9	2060.0	7	1220.0	13	1210.0	7	894.0	7	728.0	7	510.0	7
1966	903.0	34	614.0	34	388.0	37	278.0	39	243.0	37	197.0	36	180.0	37	170.0	36	157.0	35
1967	1930.0	19	1740.0	18	1560.0	17	1400.0	16	1330.0	12	859.0	14	655.0	15	535.0	16	385.0	16
1968	428.0	44	379.0	43	300.0	41	236.0	41	210.0	38	197.0	37	191.0	34	188.0	34	159.0	34
1969	6620.0	2	4350.0	4	3160.0	5	2620.0	5	1810.0	6	1450.0	5	1040.0	5	812.0	5	570.0	5
1970	3010.0	11	2190.0	15	1750.0	14	1630.0	13	1190.0	14	751.0	15	689.0	13	592.0	11	461.0	12
1971	2640.0	14	2310.0	13	1720.0	15	1430.0	15	1110.0	15	870.0	13	682.0	14	570.0	14	446.0	13
1972	1450.0	24	1060.0	26	718.0	30	549.0	28	351.0	31	272.0	31	236.0	33	216.0	33	180.0	33
1973	4760.0	6	3720.0	7	2740.0	6	1910.0	10	1380.0	10	1000.0	10	764.0	10	627.0	10	475.0	10
1974	1420.0	26	856.0	32	591.0	32	479.0	30	378.0	30	304.0	30	274.0	28	253.0	26	217.0	26
1975	1270.0	28	1230.0	23	1100.0	22	1000.0	21	734.0	20	496.0	21	434.0	20	382.0	19	295.0	19

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ST. VRAIN CREEK AT MOUTH, NEAR PLATTEVILLE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1928	50.00	29	50.00	27	56.00	28	69.00	33	88.00	36	101.00	36	108.00	32	111.00	32	119.00	33
1929	55.00	33	56.00	32	61.00	32	63.00	30	74.00	30	90.00	27	91.00	25	91.00	24	96.00	24
1930	63.00	38	70.00	39	72.00	38	76.00	37	90.00	37	95.00	34	96.00	28	107.00	31	117.00	32
1931	62.00	37	62.00	35	63.00	33	68.00	32	71.00	26	77.00	23	82.00	22	83.00	21	89.00	21
1932	30.00	16	32.00	16	34.00	13	38.00	13	42.00	10	42.00	5	43.00	3	45.00	4	47.00	4
1933	28.00	13	30.00	12	32.00	11	34.00	10	35.00	8	39.00	3	44.00	4	44.00	3	46.00	3
1934	27.00	11	31.00	13	35.00	14	36.00	11	55.00	17	58.00	12	61.00	12	63.00	12	70.00	14
1935	16.00	4	17.00	3	18.00	3	19.00	3	21.00	1	24.00	1	26.00	1	27.00	1	27.00	1
1936	12.00	1	14.00	1	15.00	1	16.00	1	25.00	2	76.00	22	77.00	20	78.00	19	82.00	19
1937	66.00	40	72.00	41	73.00	39	76.00	38	83.00	34	96.00	35	99.00	31	106.00	30	112.00	30
1938	46.00	26	47.00	25	50.00	25	58.00	26	60.00	21	65.00	19	64.00	15	68.00	16	71.00	15
1939	68.00	42	71.00	40	77.00	40	79.00	40	121.00	45	158.00	47	169.00	47	171.00	46	186.00	45
1940	32.00	17	33.00	17	35.00	15	37.00	12	39.00	9	43.00	6	47.00	6	47.00	5	52.00	5
1941	25.00	9	26.00	8	27.00	6	32.00	8	34.00	7	47.00	7	50.00	7	51.00	7	57.00	8
1942	29.00	14	31.00	14	40.00	19	55.00	23	71.00	27	84.00	25	94.00	26	95.00	26	98.00	25
1943	48.00	27	54.00	31	56.00	29	60.00	27	72.00	29	82.00	24	109.00	33	113.00	34	121.00	34
1944	37.00	22	45.00	24	49.00	24	52.00	21	56.00	18	59.00	15	64.00	16	65.00	15	68.00	12
1945	26.00	10	28.00	9	29.00	8	29.00	6	43.00	11	47.00	8	53.00	8	54.00	8	56.00	7
1946	48.00	28	48.00	26	52.00	26	57.00	24	68.00	24	91.00	28	97.00	29	101.00	29	104.00	26
1947	30.00	15	32.00	15	37.00	16	40.00	14	43.00	12	58.00	13	72.00	18	93.00	25	94.00	22
1948	67.00	41	67.00	38	68.00	36	71.00	34	98.00	38	122.00	39	125.00	37	126.00	35	135.00	35
1949	51.00	30	52.00	28	54.00	27	55.00	22	57.00	19	63.00	18	63.00	14	64.00	13	71.00	16
1950	14.00	2	18.00	4	32.00	12	49.00	18	59.00	20	59.00	14	62.00	13	64.00	14	68.00	13
1951	22.00	6	24.00	6	31.00	10	33.00	9	46.00	13	54.00	10	55.00	10	57.00	10	59.00	11
1952	53.00	32	53.00	29	58.00	30	67.00	31	103.00	42	124.00	40	128.00	38	130.00	36	143.00	38
1953	51.00	31	53.00	30	58.00	31	61.00	28	71.00	28	75.00	21	77.00	21	79.00	20	82.00	20
1954	34.00	18	36.00	19	38.00	17	41.00	15	48.00	14	49.00	9	53.00	9	56.00	9	58.00	9
1955	18.00	5	18.00	5	18.00	4	21.00	4	27.00	3	37.00	2	43.00	2	44.00	2	45.00	2
1956	16.00	3	16.00	2	17.00	2	19.00	2	29.00	4	41.00	4	45.00	5	48.00	6	54.00	6
1957	24.00	7	26.00	7	26.00	5	31.00	7	34.00	5	55.00	11	56.00	11	58.00	11	59.00	10
1958	45.00	25	57.00	33	97.00	45	124.00	47	127.00	46	137.00	43	142.00	41	149.00	42	176.00	44
1959	64.00	39	64.00	36	71.00	37	77.00	39	85.00	35	94.00	32	96.00	27	100.00	27	105.00	27
1960	25.00	8	28.00	10	30.00	9	49.00	19	76.00	32	95.00	33	113.00	35	130.00	37	142.00	37

06731000 ST. VRAIN CREEK AT MOUTH, NEAR PLATTEVILLE, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ST. VRAIN CREEK AT MOUTH, NEAR PLATTEVILLE, CO.

YEAR	1	3	7	14	30	60	90	120	183
1961	57.00 36	75.00 42	88.00 43	94.00 43	100.00 40	109.00 37	111.00 34	112.00 33	113.00 31
1962	84.00 47	89.00 45	93.00 44	96.00 44	110.00 43	180.00 48	192.00 48	233.00 48	258.00 48
1963	56.00 34	59.00 34	64.00 34	72.00 36	82.00 33	92.00 29	97.00 30	101.00 28	110.00 29
1964	28.00 12	28.00 11	28.00 7	29.00 5	34.00 6	62.00 16	84.00 23	90.00 23	94.00 23
1965	36.00 20	38.00 21	40.00 18	41.00 16	48.00 15	73.00 20	75.00 19	77.00 18	77.00 17
1966	37.00 23	40.00 22	44.00 22	58.00 25	70.00 25	92.00 30	135.00 39	139.00 39	159.00 40
1967	42.00 24	43.00 23	45.00 23	48.00 17	51.00 16	63.00 17	70.00 17	72.00 17	79.00 18
1968	36.00 21	37.00 20	41.00 20	62.00 29	66.00 23	94.00 31	121.00 36	130.00 38	140.00 36
1969	56.00 35	66.00 37	67.00 35	71.00 35	75.00 31	85.00 26	85.00 24	86.00 22	107.00 28
1970	34.00 19	35.00 18	41.00 21	51.00 20	62.00 22	148.00 45	159.00 45	200.00 47	228.00 47
1971	90.00 48	95.00 47	110.00 48	114.00 46	131.00 47	142.00 44	147.00 44	161.00 44	188.00 46
1972	74.00 44	75.00 43	79.00 42	85.00 42	98.00 39	136.00 42	143.00 42	148.00 41	161.00 42
1973	70.00 43	76.00 44	78.00 41	83.00 41	103.00 41	110.00 38	146.00 43	150.00 43	160.00 41
1974	75.00 45	101.00 48	109.00 47	132.00 48	148.00 48	153.00 46	160.00 46	167.00 45	170.00 43
1975	81.00 46	90.00 46	99.00 46	104.00 45	113.00 44	127.00 41	139.00 40	142.00 40	154.00 39

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
124	116	105	99.0	106	104	165	458	580	238	173	144
5303	4267	2744	2309	2555	2367	34340	284700	346300	37360	14470	22110
72.8	65.3	52.4	48.1	50.5	48.7	185	534	589	193	120	149
1.32	1.43	0.95	0.74	1.34	0.75	3.35	1.62	1.95	2.39	2.41	5.20
0.59	0.56	0.50	0.49	0.48	0.47	1.12	1.17	1.01	0.81	0.70	1.03
5.16	4.81	4.36	4.10	4.38	4.32	6.86	19.0	24.1	9.85	7.16	5.98

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.03	2.01	1.97	1.94	1.98	1.97	2.07	2.39	2.57	2.28	2.16	2.06
0.06	0.05	0.05	0.05	0.04	0.04	0.12	0.24	0.18	0.07	0.07	0.07
0.25	0.23	0.22	0.22	0.20	0.21	0.34	0.49	0.42	0.27	0.26	0.27
-0.10	0.17	-0.11	-0.22	-0.06	-0.14	0.56	0.39	0.06	0.63	0.22	0.66
0.12	0.11	0.11	0.11	0.10	0.11	0.17	0.20	0.16	0.12	0.12	0.13
7.97	7.89	7.75	7.65	7.78	7.75	8.13	9.40	10.1	8.98	8.49	8.11

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
201	11850	109	0.71	0.54	0.086

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.24	0.06	0.25	-0.26	0.11	0.232

06732000 GLACIER CREEK NEAR ESTES PARK, COLO.

LOCATION.--Lat 40°20'41", long 105°35'00", in SE¼NE¼ sec.5, T.4 N., R.73 W., Larimer County, on right bank 30 ft (9 m) downstream from trail bridge, 0.2 mi (0.3 km) downstream from Mill Creek, 0.8 mi (1.3 km) upstream from mouth, and 4 mi (6.4 km) southwest of Estes Park.

DRAINAGE AREA.--24.4 mi² (63.2 km²).

REMARKS.--City of Estes Park pipeline diverts water above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
GLACIER CREEK NEAR ESTES PARK, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1942					31	59	2	1	32	6	6	22	11	9	14	8	19	16	10	3	17	16	3	6	12	3	4	15	15	12	11	2			
1943				2	2	62	18	42	5	8	11	12	16	17	17	8	6	4	3	3	19	13	11	15	13	11	15	10	5	6	10	1			
1944		29	62		2	1	34	11	6	9	22	15	27	15	10	5	5	12	7	8	7	3	1	13	7	10	11	21	11	2					
1945		31	50		2	11	38	8	20	16	15	7	4	11	9	7	4	4	2	10	5	5	7	12	14	13	22	24	7	2	3	2			
1946						59	31			65	2	6	15	13	12	9	6	9	19	16	24	19	13	10	12	1	4	8	5	6	1				
1947					31	74		2	18	12	23	16	6	5	7	7	19	8	5	12	5	7	3	5	5	19	15	18	17	13	7	2	3	1	
1948		6	1	1	2	23	34	20	42	11	18	15	6	8	12	18	16	24	13	4	11	8	13	7	8	15	7	5	14	3	1				
1949		8	12	22	24	16	13	25	15	23	24	14	7	9	6	4	13	6	8	4	11	12	10	8	8	6	8	11	2	12	8	11	4	1	
1950				2	14	66	21	19	13	12	15	11	11	15	14	15	14	19	8	6	11	7	8	9	7	12	15	6	7	5	3				

06732000 GLACIER CREEK NEAR ESTES PARK, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
GLACIER CREEK NEAR ESTES PARK, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR														NUMBER OF DAYS IN CLASS																					
1951					2	4	38	49	33	8	25	19	11	11	9	10	11	7	7	2	11	8	6	7	6	6	14	18	16	13	8	2	1	3	
1952						14	53	45	12	15	6	13	12	2	21	10	15	9	9		3	15	2	21	15	19	6	12	14	7	3		9	4		
1953					5	55	56	24	12	16	8	17	8	18	10	9	12	7	2	3	7	15	14	11	11	10	10	9	3	5	3	4	1		
1954					1	25	66	18	17	19	16	28	10	4	19	14	10	17	14	3	21	19	20	8	11	4	1								
1955			1	12	44	29	13	21	16	11	10	10	6	8	21	10	17	12	5	5	9	20	18	18	10	14	9	8	6	1		1			
1956							71	33	29	22	23	18	16	8	14	4	5	7	9	4	6	16	7	16	8	11	6	3	14	4	11	1			
1957						63	42	23	16	16	24	18	5	2	2	1	6	6	12	8	8	8	7	5	12	7	6	11	7	10	7	13	13	5	2
1969					4	15	43	44	14	10	17	21	15	7	9	8	5	5	14	10	7	9	14	5	8	8	10	14	14	9	11	15			
1970							36	62	34	13	8	15	12	6	10	6	10	9	14	10	15	10	5	11	7	11	9	13	27	4	8				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	6574	100.0	12	8.7	190	3348	50.9	24	59	174	1218	18.5
1	1.50	74	6574	100.0	13	10.0	170	3158	48.0	25	69	182	1044	15.8
2	1.80	126	6500	98.9	14	12.0	215	2988	45.5	26	81	176	862	13.1
3	2.10	43	6374	97.0	15	14.0	150	2773	42.2	27	95	206	686	10.4
4	2.40	175	6331	96.3	16	16.0	193	2623	39.9	28	110	179	480	7.3
5	2.80	604	6156	93.6	17	19.0	190	2430	37.0	29	130	116	301	4.5
6	3.30	610	5552	84.5	18	23.0	157	2240	34.1	30	150	99	185	2.8
7	3.90	417	4942	75.2	19	27.0	108	2083	31.7	31	180	39	86	1.3
8	4.60	330	4525	68.8	20	31.0	199	1975	30.0	32	210	31	47	.7
9	5.40	299	4195	63.8	21	37.0	215	1776	27.0	33	250	14	16	.2
10	6.30	277	3896	59.3	22	43.0	153	1561	23.7	34	290	2	2	
11	7.40	271	3619	55.1	23	50.0	190	1408	21.4					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
GLACIER CREEK NEAR ESTES PARK, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1942	195.0	9	180.0	8	173.0	6	163.0	5	148.0	5	128.0	5	104.0	7	87.0	7	62.0	7
1943	188.0	11	165.0	11	164.0	8	151.0	8	127.0	10	109.0	9	90.0	10	79.0	10	58.0	9
1944	142.0	17	132.0	17	119.0	16	110.0	16	106.0	15	95.0	13	78.0	13	64.0	13	45.0	14
1945	196.0	8	187.0	7	156.0	12	124.0	13	112.0	12	102.0	11	92.0	9	80.0	9	57.0	10
1946	152.0	16	149.0	14	141.0	14	124.0	14	94.0	16	78.0	17	63.0	17	55.0	17	43.0	17
1947	262.0	3	227.0	5	192.0	5	163.0	6	144.0	6	127.0	6	114.0	4	99.0	3	71.0	3
1948	155.0	15	138.0	15	126.0	15	120.0	15	111.0	13	90.0	15	73.0	15	61.0	14	44.0	16
1949	256.0	4	234.0	4	215.0	4	200.0	3	177.0	3	141.0	2	112.0	5	93.0	5	65.0	5
1950	158.0	14	155.0	13	148.0	13	130.0	12	111.0	14	91.0	14	75.0	14	61.0	15	45.0	15
1951	255.0	5	248.0	3	223.0	3	186.0	4	153.0	4	132.0	4	116.0	2	97.0	4	68.0	4
1952	270.0	2	262.0	2	251.0	2	228.0	2	182.0	2	135.0	3	115.0	3	100.0	2	72.0	2
1953	222.0	6	205.0	6	170.0	7	148.0	9	127.0	11	98.0	12	82.0	12	69.0	12	48.0	12
1954	83.0	18	81.0	18	73.0	18	61.0	18	52.0	18	50.0	18	45.0	18	39.0	18	30.0	18
1955	196.0	7	138.0	16	108.0	17	106.0	17	90.0	17	80.0	16	70.0	16	61.0	16	45.0	13
1956	194.0	10	176.0	9	159.0	10	156.0	7	141.0	7	106.0	10	87.0	11	73.0	11	52.0	11
1957	297.0	1	288.0	1	273.0	1	239.0	1	211.0	1	185.0	1	150.0	1	124.0	1	87.0	1
1969	179.0	12	176.0	10	158.0	11	144.0	11	139.0	8	123.0	7	105.0	6	88.0	6	63.0	6
1970	168.0	13	164.0	12	162.0	9	146.0	10	130.0	9	118.0	8	100.0	8	85.0	8	61.0	8

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
GLACIER CREEK NEAR ESTES PARK, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1943	2.20	7	2.30	6	2.60	8	3.00	10	3.00	10	3.00	8	3.20	9	3.40	9	4.90	8
1944	1.50	1	1.50	1	1.50	1	1.50	1	1.50	1	1.80	2	1.80	1	2.20	1	4.00	2
1945	1.50	2	1.50	2	1.50	2	1.50	2	1.50	2	1.70	1	1.90	2	2.30	2	3.50	1
1946	3.00	14	3.00	14	3.00	11	3.00	11	3.00	11	3.00	9	3.20	10	3.80	11	5.40	11
1947	2.50	8	2.50	8	2.50	7	2.50	7	2.50	5	2.70	5	2.80	5	3.10	5	5.10	9
1948	1.50	3	1.50	3	1.60	3	2.30	5	2.70	6	3.20	11	3.50	12	3.90	12	6.70	15
1949	1.70	4	1.70	4	1.70	4	1.80	3	2.00	3	2.20	3	2.50	3	2.90	3	4.20	3
1950	2.10	6	2.30	7	2.40	6	2.50	6	2.70	7	2.90	6	2.90	6	3.30	6	5.10	10
1951	2.60	9	2.70	9	3.00	12	3.20	13	3.50	15	4.00	16	4.00	16	4.10	15	5.80	13
1952	2.80	13	2.90	13	3.10	14	3.20	14	3.30	13	3.50	13	3.70	13	3.90	13	6.30	14
1953	2.60	10	2.70	10	2.80	9	2.80	8	2.90	8	3.00	7	3.10	7	3.30	7	4.60	5
1954	2.70	11	2.80	11	3.00	13	3.10	12	3.10	12	3.30	12	3.40	11	3.60	10	4.80	6
1955	2.00	5	2.10	5	2.20	5	2.30	4	2.40	4	2.50	4	2.70	4	3.00	4	5.60	12
1956	3.30	15	3.30	15	3.40	15	3.40	15	3.50	14	3.60	14	3.70	14	3.90	14	4.90	7
1957	2.80	12	2.80	12	2.90	10	3.00	9	3.00	9	3.10	10	3.10	8	3.40	8	4.50	4
1970	3.50	16	3.60	16	3.70	16	3.80	16	3.80	16	3.90	15	4.00	15	4.30	16	6.80	16

06732000 GLACIER CREEK NEAR ESTES PARK, COLO.--Continued

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
10.6	6.41	4.02	3.18	3.01	3.45	11.7	61.9	122	84.1	40.7	17.3
8.53	1.81	0.56	0.54	0.51	0.64	24.3	312	1217	1001	204	24.4
2.92	1.34	0.75	0.74	0.72	0.80	4.93	17.7	34.9	31.6	14.3	4.94
0.65	1.22	-0.59	-0.55	-0.08	0.71	1.05	0.05	0.14	1.51	0.45	-0.05
0.28	0.21	0.19	0.23	0.24	0.23	0.42	0.29	0.29	0.38	0.35	0.29
2.88	1.74	1.09	0.86	0.82	0.94	3.16	16.8	33.2	22.8	11.0	4.68

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.01	0.80	0.60	0.49	0.47	0.53	1.03	1.77	2.07	1.90	1.58	1.22
0.01	0.01	0.01	0.01	0.01	0.01	0.03	0.02	0.02	0.02	0.03	0.02
0.12	0.08	0.09	0.12	0.11	0.10	0.17	0.13	0.14	0.15	0.16	0.14
0.33	0.79	-1.26	-1.29	-1.00	-0.15	0.31	-0.46	-1.02	0.19	-0.26	-0.63
0.11	0.11	0.15	0.24	0.24	0.19	0.17	0.07	0.07	0.08	0.10	0.11
7.51	5.93	4.43	3.63	3.46	3.92	7.67	13.2	15.4	14.1	11.8	9.05

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
30.8	48.5	6.97	0.20	0.23	0.017

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.48	0.01	0.10	-0.42	0.07	0.048

06732500 FALL RIVER AT ESTES PARK, COLO.

LOCATION.--Lat 40°22'35", long 105°31'32", in NE¼NW¼ sec.25, T.5 N., R.73 W., Larimer County, on right bank 150 ft (46 m) upstream from Main Street Bridge (U.S. Highway 34) in Estes Park and 0.5 mi (0.8 km) upstream from mouth.

DRAINAGE AREA.--39.8 mi² (103 km²).

REMARKS.--Small power development above station. Flow partly regulated by Lawn Lake Reservoir (capacity, 817 acre-ft or 1.01 hm³).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FALL RIVER AT ESTES PARK, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1948		7	7	19	16	14	17	12	3	17	10	13	13	11	10	19	9	36	15	10	11	11	11	11	8	9	12	3	6	7	15	4			
1949						7	51	16	19	24	28	26	17	17	1	5	5	7	10	8	10	10	8	17	4	13	9	7	5	4	7	12	11	7	
1950							7	21	30	44	40	20	14	21	13	22	14	16	14	5	6	5	11	9	9	11	7	8	8	6	4				
1951									1	36	62	51	23	9	6	19	9	10	9	8	4	4	7	12	7	4	7	18	16	16	18	4	2	3	
1952									8	25	64	26	12	25	14	16	15	13	3	11	11	6	8	9	22	26	9	8	6	9	7	2	6	5	
1953										21	63	68	44	4	2	15	12	24	8	9	3	5	8	11	5	14	8	12	6	10	1	4	5	3	

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2192	100.0	12	6.6	123	1299	59.3	24	58	55	459	20.9
1	0.80	7	2192	100.0	13	7.9	87	1176	53.6	25	70	77	404	18.4
2	1.10	7	2185	99.7	14	9.5	46	1089	49.7	26	84	52	327	14.9
3	1.30	19	2178	99.4	15	11.0	96	1043	47.6	27	100	56	275	12.5
4	1.60	16	2159	98.5	16	14.0	64	947	43.2	28	120	47	219	9.9
5	1.90	21	2143	97.8	17	16.0	106	883	40.3	29	140	52	172	7.8
6	2.20	75	2122	96.8	18	20.0	59	777	35.4	30	170	52	120	5.4
7	2.70	49	2047	93.4	19	24.0	51	718	32.8	31	210	26	68	3.1
8	3.20	61	1998	91.1	20	28.0	45	667	30.4	32	250	24	42	1.9
9	3.80	167	1937	88.4	21	34.0	41	622	28.4	33	300	18	18	.8
10	4.60	267	1770	80.7	22	41.0	53	581	26.5	34	360			
11	5.50	204	1503	68.6	23	49.0	69	528	24.1					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FALL RIVER AT ESTES PARK, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1948	230.0	5	215.0	5	209.0	5	202.0	5	177.0	5	132.0	5	104.0	5	86.0	5	60.0	5
1949	355.0	2	333.0	2	319.0	1	293.0	1	261.0	1	197.0	1	152.0	1	124.0	1	88.0	1
1950	180.0	6	179.0	6	170.0	6	152.0	6	130.0	6	98.0	6	76.0	6	63.0	6	45.0	6
1951	320.0	4	316.0	4	279.0	4	238.0	4	207.0	3	169.0	2	148.0	2	124.0	2	86.0	2
1952	358.0	1	338.0	1	317.0	2	276.0	2	219.0	2	154.0	3	128.0	3	108.0	3	78.0	3
1953	347.0	3	328.0	3	289.0	3	252.0	3	196.0	4	141.0	4	114.0	4	92.0	4	64.0	4

06732500 FALL RIVER AT ESTES PARK, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FALL RIVER AT ESTES PARK, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1948	0.90	1	0.97	1	1.00	1	1.10	1	1.30	1	1.50	1	2.00	1	2.90	1	7.20	5
1949	1.40	2	1.80	2	2.00	2	2.20	2	2.30	2	2.40	2	2.60	2	3.00	2	4.20	1
1950	2.30	3	2.40	3	2.60	3	2.60	3	2.80	3	3.10	3	3.50	3	3.80	3	4.90	2
1951	3.70	5	3.80	5	4.10	6	4.30	6	4.40	4	4.50	4	4.70	4	5.00	4	6.20	4
1952	3.50	4	3.50	4	3.60	4	3.80	4	4.40	5	4.70	5	4.70	5	5.00	5	7.30	6
1953	4.00	6	4.00	6	4.10	5	4.30	5	4.60	6	4.70	6	5.00	6	5.30	6	5.70	3

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
10.9	7.41	4.79	3.84	3.94	4.36	11.7	62.8	184	97.8	45.6	19.2
25.3	7.58	2.26	1.42	1.38	2.33	15.5	478	1583	1729	315	45.4
5.03	2.75	1.50	1.19	1.17	1.53	3.94	21.9	39.8	41.6	17.8	6.74
0.90	1.12	-0.99	-0.02	-1.60	-2.15	1.46	-0.60	-0.20	0.79	1.52	-0.49
0.46	0.37	0.31	0.31	0.30	0.35	0.34	0.35	0.22	0.43	0.39	0.35
2.38	1.62	1.05	0.84	0.86	0.95	2.56	13.8	40.4	21.4	9.99	4.21

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.00	0.85	0.66	0.57	0.57	0.60	1.05	1.77	2.26	1.96	1.63	1.26
0.04	0.02	0.03	0.02	0.03	0.06	0.02	0.03	0.01	0.03	0.02	0.03
0.19	0.15	0.16	0.14	0.17	0.24	0.13	0.17	0.10	0.18	0.15	0.17
0.41	0.59	-1.36	-0.16	-1.95	-2.35	1.03	-0.81	-0.53	0.60	0.76	-0.92
0.19	0.18	0.25	0.25	0.29	0.39	0.13	0.10	0.04	0.09	0.09	0.14
7.05	5.97	4.64	4.00	4.04	4.23	7.41	12.5	15.9	13.8	11.5	8.87

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
38.1	70.3	8.38	-0.60	0.22	-0.681

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.57	0.01	0.10	-0.91	0.07	-0.634

06733000 BIG THOMPSON RIVER AT ESTES PARK, COLO.

LOCATION.--Lat 40°22'42", long 105°30'48", in NW¼NW¼ sec.30, T.5 N., R.72 W., Larimer County, on right bank in Estes Park, 600 ft (180 m) downstream from bridge on State Highways 7 and 66, 900 ft (270 m) downstream from Black Canyon Creek, and 0.3 mi (0.5 km) northwest of Estes powerplant. Station is upstream from Lake Estes.

DRAINAGE AREA.--137 mi^2 (486 km^2).

REMARKS.--Diversion from Colorado River Basin to Big Thompson River basin above station through Alva B. Adams tunnel began Aug. 10, 1947, and ended Aug. 2, 1950. Small power developments and small diversions for irrigation and municipal use above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG THOMPSON RIVER AT ESTES PARK, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1951				7	15	39	23	35	22	33	14	7	4	10	9	11	9	6	10	6	6	9	3	3	6	15	23	12	6	15	1	2	4		
1952					2	14	20	52	32	15	19	13	14	20	6	9	8	9	11	9	2	11	16	20	13	5	8	13	7	5	1	5	5	2	
1953				3	23	71	33	24	16	21	12	12	10	12	10	10	2	4	9	6	11	10	4	15	6	10	4	12	4	5	3	2	1		
1954				12	59	39	19	18	24	23	12	14	15	11	3	11	13	10	7	16	18	21	14	2	3	1									
1955		7	30	43	19	15	15	17	4	16	9	13	6	19	15	11	6	9	10	15	18	16	12	18	4	10	7	1							
1956				1	32	37	28	19	13	43	18	25	10	6	8	7	4	12	4	17	6	17	5	12	7	3	3	3	12	10	4				
1957			25	47	29	28	6	29	18	12	2		3	7	10	12	5	10	2	3	7	15	12	5	5	11	9	7	8	5	13	13	4	3	
1958				11	46	24	13	35	6	12	14	19	26	15	12	6	9	28	6	7	7	10	4	5	9	6	10	4	1	9	4	7			
1959				28	45	26	19	38	19	16	11	9	9	5	6	6	16	12	5	5	5	22	17	6	9	4	2	6	8	10	1				
1960				7	49	27	9	10	3	18	10	11	13	17	23	46	16	10	6	3	2	16	10	9	10	9	11	4	8	9					
1961		2	49	20	17	8	15	35	8	21	22	11	3	3	4	1	3	10	14	15	20	19	9	4	5	9	6	9	6	15	2				
1962						4	34	40	36	12	8	27	12	15	7	16	7	15	18	11	14	14	19	9	9	13	8	10	7						
1963		26	23	16	18	21	11	26	10	30	12	11	9	2		4	9	15	14	16	9	9	9	27	20	10	4	2	1	1					
1964		11	26	41	14	20	18	11	6	14	22	25	27	15	10	7	5	5	3	1	5	11	9	16	12	14	16	2							
1965				26	69	32	12	18	15	21	8		1		1	4	15	15	13	9	4	9	8	9	11	9	6	11	11	9	5	7	4	2	1

06733000 BIG THOMPSON RIVER AT ESTES PARK, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG THOMPSON RIVER AT ESTES PARK, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1966		3	12	27	6	8	17	18	23	19	15	24	19	23	20	12	9	9	6	14	10	22	22	22	4	1									
1967		6	38	27	8	18	6	30	12	22	23	10	12	5	7	13	21	15	7	9	5	3	3	8	7	16	10	17	6	1					
1968						40	34	37	10	31	15	12	21	14	16	20	13	13	5	5	3	19	5	7	14	3	7	2	11	9					
1969					41	64	8	4	11	16	31	8	9	13	6	8	13	10	12	12	6	2	7	5	6	13	12	10	11	7	10	10			
1970						2	72	25	24	6	22	6	12	11	9	22	11	13	17	12	7	4	11	5	8	6	5	10	16	16	5	4	4		
1971					13	27	47	9	18	5	16	11	14	9	4	13	24	18	15	13	16	10	15	5	5	8	9	8	11	6	2	3	11		
1972						34	36	24	15	18	19	12	10	19	20	13	11	12	27	16	8	4	15	10	9	3	7	5	5	6	7	1			
1973				5	21	37	32	12	37	4	7	5	10	30	20	12	9	6	5	4	8	9	8	8	13	8	10	14	11	5	4	6	5		
1974						12	57	31	34	12	20	12	23	17	8	8	13	7	14	4	3	4	7	12	19	13	7	12	8	4	3	1			
1975					2	54	44	16	16	8	11	14	16	24	20	14	13	7	3	2	1	7	17	8	11	5	7	8	11	14	10	2			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	9131	100.0	12	40.0	352	4452	48.8	24	290	210	1255	13.7
1	6.50	55	9131	100.0	13	47.0	283	4100	44.9	25	340	202	1045	11.4
2	7.70	208	9076	99.4	14	55.0	265	3817	41.8	26	400	206	843	9.2
3	9.00	393	8868	97.1	15	65.0	291	3552	38.9	27	470	186	637	6.9
4	11.00	681	8475	92.8	16	77.0	252	3261	35.7	28	550	157	451	4.9
5	13.00	763	7794	85.4	17	90.0	292	3009	33.0	29	650	151	294	3.2
6	15.00	423	7031	77.0	18	110.0	210	2717	29.8	30	770	61	143	1.5
7	17.00	641	6608	72.4	19	130.0	223	2507	27.5	31	900	56	82	.8
8	21.00	350	5967	65.3	20	150.0	189	2284	25.0	32	1100	18	26	.2
9	24.00	529	5617	61.5	21	170.0	333	2095	22.9	33	1300	7	8	
10	29.00	318	5088	55.7	22	210.0	229	1762	19.3	34	1500	1	1	
11	34.00	318	4770	52.2	23	240.0	278	1533	16.8					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG THOMPSON RIVER AT ESTES PARK, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1951	1220.0	4	1200.0	4	1050.0	4	876.0	5	729.0	5	598.0	3	518.0	3	427.0	3	300.0	3
1952	1310.0	3	1270.0	3	1210.0	3	1050.0	3	821.0	3	593.0	4	494.0	4	417.0	4	298.0	4
1953	1150.0	5	1040.0	5	877.0	9	755.0	8	627.0	12	468.0	12	379.0	13	307.0	13	215.0	13
1954	346.0	25	339.0	25	295.0	25	244.0	25	199.0	25	198.0	25	174.0	25	148.0	25	110.0	25
1955	470.0	23	457.0	23	424.0	23	408.0	22	347.0	23	280.0	23	246.0	23	215.0	23	156.0	23
1956	830.0	13	817.0	11	770.0	11	723.0	9	650.0	10	463.0	13	369.0	14	305.0	14	215.0	14
1957	1440.0	2	1380.0	2	1270.0	1	1090.0	2	912.0	2	786.0	1	619.0	1	516.0	1	360.0	1
1958	1040.0	6	1020.0	6	988.0	6	864.0	6	710.0	6	517.0	9	394.0	10	320.0	12	225.0	12
1959	816.0	14	728.0	16	697.0	15	689.0	11	594.0	14	428.0	17	350.0	17	288.0	16	205.0	16
1960	769.0	17	740.0	15	692.0	16	635.0	17	571.0	16	439.0	16	363.0	15	295.0	15	213.0	15
1961	836.0	12	792.0	12	743.0	12	704.0	10	646.0	11	495.0	11	392.0	11	326.0	11	240.0	9
1962	709.0	19	686.0	19	667.0	18	641.0	16	566.0	17	447.0	14	387.0	12	333.0	10	240.0	10
1963	692.0	21	629.0	21	535.0	21	438.0	21	378.0	21	328.0	22	276.0	22	249.0	21	184.0	21
1964	481.0	22	462.0	22	439.0	22	386.0	23	378.0	22	350.0	21	295.0	21	238.0	22	168.0	22
1965	1520.0	1	1400.0	1	1250.0	2	1150.0	1	927.0	1	712.0	2	570.0	2	470.0	2	334.0	2
1966	368.0	24	342.0	24	315.0	24	277.0	24	265.0	24	234.0	24	213.0	24	186.0	24	136.0	24
1967	698.0	20	635.0	20	602.0	20	561.0	20	498.0	19	441.0	15	351.0	16	286.0	17	204.0	17
1968	764.0	18	720.0	17	672.0	17	606.0	18	576.0	15	425.0	18	341.0	19	277.0	19	196.0	19
1969	878.0	10	848.0	10	772.0	10	671.0	12	663.0	7	559.0	7	465.0	5	379.0	5	268.0	5
1970	950.0	9	925.0	9	896.0	8	771.0	7	660.0	8	575.0	5	463.0	6	379.0	6	268.0	6
1971	1030.0	7	1020.0	7	994.0	5	933.0	4	738.0	4	562.0	6	438.0	8	362.0	8	263.0	7
1972	857.0	11	780.0	13	725.0	13	658.0	14	541.0	18	392.0	20	307.0	20	258.0	20	189.0	20
1973	1020.0	8	1000.0	8	935.0	7	664.0	13	654.0	9	526.0	8	442.0	7	365.0	7	253.0	8
1974	796.0	15	711.0	18	665.0	19	578.0	19	475.0	20	396.0	19	342.0	18	281.0	18	199.0	18
1975	793.0	16	763.0	14	701.0	14	649.0	15	599.0	13	512.0	10	415.0	9	340.0	9	237.0	11

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG THOMPSON RIVER AT ESTES PARK, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1952	12.00	21	13.00	21	14.00	23	14.00	23	14.00	23	17.00	23	18.00	23	19.00	23	27.00	20
1953	10.00	18	10.00	14	11.00	17	12.00	17	13.00	20	13.00	18	13.00	18	14.00	14	17.00	7
1954	9.90	15	10.00	15	10.00	14	10.00	13	12.00	17	12.00	15	12.00	12	13.00	12	16.00	5
1955	6.50	1	6.80	1	7.40	2	8.10	6	8.60	6	8.70	3	9.30	1	11.00	5	20.00	12
1956	9.40	14	10.00	16	11.00	18	12.00	18	12.00	18	13.00	19	14.00	19	15.00	15	19.00	10
1957	8.00	8	8.00	7	8.00	7	8.30	7	8.70	7	9.10	5	9.80	6	10.00	1	14.00	1
1958	9.00	9	9.30	10	9.70	12	10.00	14	11.00	13	12.00	16	12.00	13	14.00	13	23.00	15
1959	9.00	10	9.30	11	9.60	10	9.90	10	10.00	10	11.00	10	11.00	7	12.00	9	15.00	3
1960	10.00	16	10.00	17	10.00	15	11.00	15	12.00	14	12.00	17	12.00	14	15.00	16	30.00	23
1961	7.40	5	7.50	6	7.80	5	8.00	4	8.20	4	8.60	2	9.30	2	11.00	6	17.00	6
1962	15.00	24	16.00	24	17.00	24	17.00	24	18.00	24	21.00	24	21.00	24	23.00	24	44.00	24
1963	7.00	2	7.00	2	7.00	1	7.20	1	7.40	1	9.20	6	9.60	5	11.00	7	16.00	4
1964	7.40	6	7.40	5	7.60	3	7.70	2	7.80	2	8.80	4	9.50	4	10.00	2	19.00	11
1965	9.00	11	9.30	12	9.60	11	9.90	11	10.00	11	11.00	11	11.00	8	12.00	8	14.00	2

06733000 BIG THOMPSON RIVER AT ESTES PARK, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG THOMPSON RIVER AT ESTES PARK, CO.

YEAR	1	3	7	14	30	60	90	120	183
1966	7.00 3	7.30 3	7.90 6	8.10 5	8.40 5	10.00 7	13.00 15	16.00 21	29.00 22
1967	7.00 4	7.30 4	7.70 4	7.80 3	7.90 3	8.20 1	9.30 3	11.00 3	18.00 8
1968	13.00 23	13.00 22	13.00 21	13.00 21	14.00 21	14.00 20	15.00 22	16.00 22	27.00 21
1969	9.00 12	9.00 9	9.50 9	9.80 9	9.90 8	11.00 8	11.00 9	11.00 4	18.00 9
1970	12.00 22	13.00 23	13.00 22	13.00 22	14.00 22	14.00 21	14.00 20	15.00 17	26.00 18
1971	9.00 13	9.50 13	9.80 13	10.00 12	11.00 12	12.00 12	13.00 16	15.00 18	26.00 19
1972	11.00 19	11.00 18	12.00 19	12.00 19	12.00 15	12.00 13	13.00 17	15.00 19	23.00 16
1973	8.00 7	8.20 8	8.50 8	9.10 8	10.00 9	11.00 9	12.00 10	13.00 10	23.00 17
1974	12.00 20	12.00 20	12.00 20	12.00 20	13.00 19	14.00 22	14.00 21	15.00 20	21.00 13
1975	10.00 17	11.00 19	11.00 16	11.00 16	12.00 16	12.00 14	12.00 11	13.00 11	22.00 14

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
45.6	27.8	16.6	12.5	12.1	14.3	38.4	241	547	320	145	70.3
401	72.2	17.3	9.67	9.25	9.73	331	7690	27160	19990	2084	554
20.0	8.50	4.16	3.11	3.04	3.12	18.2	87.7	165	141	45.7	23.5
1.52	1.03	1.16	1.21	1.7[illegible]	0.37	2.33	1.13	-0.18	1.30	0.96	1.35
0.44	0.31	0.25	0.25	0.25	0.22	0.47	0.36	0.30	0.44	0.32	0.33
3.06	1.86	1.12	0.84	0.81	0.96	2.58	16.2	36.7	21.5	9.71	4.72

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.62	1.43	1.21	1.08	1.07	1.15	1.55	2.36	2.71	2.47	2.14	1.83
0.03	0.02	0.01	0.01	0.01	0.01	0.03	0.02	0.02	0.03	0.02	0.02
0.18	0.13	0.10	0.10	0.10	0.10	0.16	0.15	0.15	0.18	0.13	0.13
0.31	0.25	0.54	0.18	0.62	-0.11	1.27	0.32	-1.19	0.34	0.04	0.65
0.11	0.09	0.08	0.10	0.09	0.08	0.10	0.06	0.06	0.07	0.06	0.07
7.87	6.91	5.87	5.26	5.19	5.56	7.52	11.4	13.2	12.0	10.4	8.86

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
125	859	29.3	0.16	0.24	0.039

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.08	0.01	0.11	-0.57	0.05	0.093

06734500 FISH CREEK NEAR ESTES PARK, COLO.

LOCATION.--Lat 40°22'07", long 105°29'36", in SW¼ sec.29, T.5 N., R.72 W., Larimer County, on right bank 100 ft (30 m) upstream from high-water line of Lake Estes, 0.4 mi (0.6 km) upstream from bridge on State Highway 66, and 2 mi (3.2 km) southeast of Estes Park.

DRAINAGE AREA.--16.0 mi^2 (41.4 km^2).

REMARKS.--Small diversions above station for irrigation.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FISH CREEK NEAR ESTES PARK, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1948	67	22	17	42	18	20	26	26	17	17	15	14	4	4	8	8	18	11	5	4	3														
1949	95	14	14	33	17	29	32	9	11	3	20	7	5	6	3	8	5	10	9	2	6	3	6	2	2	2	3	4	2	2	1				
1950	46	75	50	36	38	11	27	8	12	28	5	8	5	3	5	8																			
1951		41	101	63	3	6	11	7	6	8	15	2	34	3	2	4	2	1	2	4	25	13	4	7							1				
1952	31	54	41	5	34	6	53	20	7	8	11	2	4	6	2	6	13	8	4	1	5	4	17	9	7	8									
1953		77	63	31	24	17	21	19	24	20	16	9	20	3	8	12	1																		
1954	93	71	110	53	30	6	1	1																											
1955	180	38	33	18	16	6	13	14	15	14	16	1	1																						

06734500 FISH CREEK NEAR ESTES PARK, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FISH CREEK NEAR ESTES PARK, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	512	2922	100.0	12	2.2	73	408	14.0	24	26	9	32	1.0
1	0.10	392	2410	82.5	13	2.7	25	335	11.5	25	31	10	23	.7
2	0.20	429	2018	69.1	14	3.3	28	310	10.6	26	39	13	13	.4
3	0.30	281	1589	54.4	15	4.0	46	282	9.7	27	48	4	10	.3
4	0.40	180	1308	44.8	16	5.0	39	236	8.1	28	58	2	6	.2
5	0.50	101	1128	38.6	17	6.1	30	197	6.7	29	72	2	4	.1
6	0.60	184	1027	35.1	18	7.5	20	167	5.7	30	88	2	2	
7	0.80	104	843	28.9	19	9.2	11	147	5.0	31				
8	1.00	92	739	25.3	20	11.0	39	136	4.7	32				
9	1.20	98	647	22.1	21	14.0	20	97	3.3	33				
10	1.40	98	549	18.8	22	17.0	27	77	2.6	34				
11	1.80	43	451	15.4	23	21.0	18	50	1.7					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FISH CREEK NEAR ESTES PARK, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1948	12.0	4	11.0	4	10.0	4	8.9	4	7.4	4	5.9	4	4.5	4	3.5	4	2.4	4
1949	88.0	2	82.0	1	69.0	1	54.0	1	34.0	1	21.0	1	15.0	1	12.0	1	8.0	1
1950	4.5	6	4.5	6	4.4	6	3.9	6	3.0	6	2.1	6	1.7	6	1.4	6	1.0	6
1951	125.0	1	53.0	2	37.0	2	27.0	3	20.0	3	16.0	3	11.0	3	9.0	3	6.2	3
1952	34.0	3	34.0	3	33.0	3	30.0	2	25.0	2	20.0	2	15.0	2	11.0	2	7.7	2
1953	5.6	5	5.0	5	4.6	5	4.2	5	3.6	5	2.9	5	2.3	5	1.9	5	1.5	5
1954	0.8	8	0.7	8	0.4	8	0.4	8	0.4	8	0.4	8	0.3	8	0.3	8	0.3	8
1955	2.4	7	2.0	7	1.7	7	1.4	7	1.3	7	1.0	7	1.0	7	0.8	7	0.6	7

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FISH CREEK NEAR ESTES PARK, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1949	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.07	2	0.07	2
1950	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.05	3	0.10	3	0.14	3	0.25	6
1951	0.00	3	0.00	3	0.00	3	0.04	5	0.05	5	0.08	5	0.12	5	0.15	4	0.16	3
1952	0.00	4	0.00	4	0.00	4	0.00	3	0.00	3	0.05	4	0.10	4	0.17	5	0.28	7
1953	0.10	6	0.10	6	0.10	6	0.10	6	0.13	6	0.15	6	0.17	6	0.17	6	0.18	4
1954	0.10	7	0.10	7	0.10	7	0.10	7	0.14	7	0.16	7	0.18	7	0.18	7	0.21	5
1955	0.00	5	0.00	5	0.00	5	0.00	4	0.00	4	0.00	2	0.00	2	0.00	1	0.00	1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
0.42	0.38	0.17	0.08	0.16	0.46	2.34	7.97	7.87	1.46	0.52	0.13
0.15	0.19	0.02	0.01	0.01	0.04	6.67	82.7	124	2.92	0.32	0.01
0.39	0.44	0.16	0.09	0.10	0.20	2.58	9.10	11.1	1.71	0.56	0.12
1.28	2.43	1.26	0.44	0.25	0.63	1.85	1.19	2.18	1.59	1.13	0.39
0.94	1.14	0.93	1.15	0.61	0.45	1.10	1.14	1.42	1.17	1.08	0.94
1.89	1.75	0.76	0.37	0.73	2.08	10.7	36.3	35.8	6.65	2.39	0.58

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
-0.38	-0.41	-0.53	-0.41	-0.68	-0.38	0.16	0.54	0.46	-0.18	-0.44	-0.66
0.12	0.10	0.14	0.20	0.10	0.04	0.22	0.48	0.61	0.50	0.39	0.26
0.34	0.32	0.38	0.44	0.32	0.19	0.47	0.69	0.78	0.71	0.62	0.51
0.19	1.12	0.58	-0.18	1.49	0.17	0.15	-0.46	-0.84	-0.98	-1.07	-0.14
-0.90	-0.78	-0.71	-1.10	-0.47	-0.51	2.98	1.27	1.68	-3.88	-1.41	-0.78
13.1	14.2	18.2	14.0	23.3	13.1	-5.39	-18.8	-16.0	6.32	15.2	22.7

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.83	2.76	1.66	0.53	0.91	-0.020

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.04	0.28	0.53	-0.33	14.8	0.322

06735500 BIG THOMPSON RIVER NEAR ESTES PARK, COLO.

LOCATION.--Lat 40°22'35", long 105°29'06", in NE¼NE¼ sec.29, T.5 N., R.72 W., Larimer County, on right bank 100 ft (30 m) upstream from Dry Creek, 600 ft (180 m) downstream from Olympus Dam, and 2.0 mi (3.2 km) east of Estes Park.

DRAINAGE AREA.--156 mi² (404 km²).

REMARKS.--Low flow regulated by Lake Estes since Nov. 30, 1948. Diversion from Colorado River to Big Thompson River basin above station through Alva B. Adams tunnel began Aug. 10, 1947; since Apr. 15, 1953, this imported water has been diverted from Lake Estes through Olympus tunnel bypassing this station. Since May 17, 1955, part of the natural flow of Big Thompson River has also been diverted through Olympus tunnel and returned to the river below the station at mouth of canyon, near Drake. Small power developments and small diversions for irrigation and municipal use above station. Statistical summaries are shown for two periods, water years 1931-46 and water years 1955-75.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG THOMPSON RIVER NEAR ESTES PARK, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1931							28	62	31			9	32	12	10	12	19	17	18	11	16	8	4	12	48	5	5	2	1	1	2				
1932								31	91		5	42	12	27	13	9	12	2	3	8	15	3	5		15	6	26	11	15	9	6				
1933			28		31	31		32	26	32	13	10	6			3	6	17	17	12	8	8	7	11	5	4	7	8	4	11	5	3	14	5	1
1934		1			4		2	10	69	12	57	13	11	16	22	11	16	11	22	15	8	11	7	10	5	11	15	5	1						
1935					3	1	9	34	94	33	17	6	4	18	11	3	4	10	7	3	13	9	7	3	5	3	10	10	14	22	5	2	2	2	1
1936									48	46	7	46	27	12	10	6	8	5	6	3	4	13	9	13	12	10	15	10	10	17	20	9			
1937						31	1	28	5	46	24	5	6	13	21	24	14	12	19	16	8	5	6	11	1	8	4	10	15	13	10	5	2	2	
1938								19	29	29	50	24	11	11	15	7	3	2	11	7	11	14	15	13	13	4	20	12	8	9	11	8	8	1	
1939									28	31		69	10	20	38	17	24	13	10	10	8	7	11	14	18	8	10	11	3	5					
1940			2	1	2	8	34	31	27	43	30	8	5	9	5	5	13	23	16	8	4	9	16	11	11	16	10	8	8	3					
1941		2	3	7	5	8	15	34	32	15	26	16	7	14	14	13	15	10	10	15	14	8	4	11	3	14	9	8	19	10	4				
1942				1	1	1	17	41	39	7	17	9	8	14	39	15	13	7	15	3	6	10	18	13	7	4	6	12	9	14	10	7	2		
1943									29	33	40	50	12	10	11	8	17	14	13	7	5	10	14	14	17	10	13	8	7	17	4	2			
1944			12	35	36	11	8	7	16	31	30	23	6	13	9	5	14	7	5	5	2	13	4	6	6	9	12	5	23	11	2				
1945		3	28	4	10	15	28	20	16	24	38	10	1	6	10	11	6	4	4	5	5	7	1	8	12	12	19	23	18	11	3	3			
1946							30	34	22	12	32	20	19	25	11	9	6	8	17	18	21	23	8	12	8	11	3	3	5	6	2				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5844	100.0	12	29.0	177	3222	55.1	24	220	186	1133	19.3
1	4.30	6	5844	100.0	13	34.0	220	3045	52.1	25	260	135	947	16.2
2	5.20	73	5838	99.9	14	40.0	239	2825	48.3	26	310	184	812	13.8
3	6.20	48	5765	98.6	15	48.0	158	2586	44.3	27	370	146	628	10.7
4	7.30	92	5717	97.8	16	56.0	190	2428	41.5	28	430	160	482	8.2
5	8.70	106	5625	96.3	17	67.0	162	2238	38.3	29	510	159	322	5.5
6	10.00	172	5519	94.4	18	79.0	193	2076	35.5	30	610	84	163	2.7
7	12.00	383	5347	91.5	19	94.0	146	1883	32.2	31	720	39	79	1.3
8	14.00	602	4964	84.9	20	110.0	148	1737	29.7	32	850	28	40	.6
9	17.00	394	4362	74.6	21	130.0	158	1589	27.2	33	1000	10	12	.2
10	20.00	386	3968	67.9	22	160.0	136	1431	24.5	34	1200	2	2	
11	24.00	360	3582	61.3	23	190.0	162	1295	22.2					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG THOMPSON RIVER NEAR ESTES PARK, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1931	710.0	9	419.0	15	341.0	16	315.0	16	296.0	16	269.0	15	250.0	14	214.0	14	158.0	15
1932	650.0	12	633.0	10	591.0	9	554.0	9	498.0	10	444.0	9	385.0	8	320.0	9	222.0	9
1933	1300.0	1	1140.0	2	1040.0	1	974.0	1	886.0	1	664.0	1	506.0	2	404.0	3	284.0	3
1934	430.0	16	411.0	16	385.0	15	350.0	15	327.0	15	264.0	16	213.0	16	180.0	16	132.0	16
1935	1200.0	2	1150.0	1	978.0	2	769.0	3	666.0	3	560.0	4	452.0	4	367.0	4	254.0	7
1936	843.0	6	788.0	6	732.0	6	677.0	6	644.0	6	571.0	3	508.0	1	440.0	1	319.0	1
1937	1080.0	4	933.0	4	899.0	3	764.0	4	662.0	4	557.0	5	444.0	5	360.0	7	255.0	6
1938	1160.0	3	989.0	3	878.0	4	791.0	2	731.0	2	598.0	2	477.0	3	414.0	2	314.0	2
1939	583.0	14	543.0	13	506.0	13	437.0	13	403.0	12	320.0	13	270.0	13	228.0	13	166.0	13
1940	528.0	15	522.0	14	492.0	14	407.0	14	394.0	14	323.0	12	278.0	12	232.0	12	171.0	12
1941	621.0	13	596.0	11	587.0	10	521.0	11	486.0	11	437.0	10	357.0	10	295.0	10	209.0	10
1942	872.0	5	816.0	5	799.0	5	722.0	5	662.0	5	539.0	6	433.0	6	362.0	6	256.0	4
1943	820.0	7	717.0	8	628.0	8	569.0	8	543.0	7	450.0	8	376.0	9	321.0	8	232.0	8
1944	695.0	10	656.0	9	573.0	11	542.0	10	505.0	9	434.0	11	353.0	11	285.0	11	198.0	11
1945	782.0	8	763.0	7	690.0	7	587.0	7	524.0	8	469.0	7	419.0	7	364.0	5	256.0	5
1946	654.0	11	584.0	12	543.0	12	517.0	12	395.0	13	302.0	14	243.0	15	210.0	15	159.0	14

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG THOMPSON RIVER NEAR ESTES PARK, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1932	12.00	13	12.00	13	12.00	12	12.00	12	12.00	9	13.00	9	13.00	9	14.00	8	22.00	8
1933	5.80	5	5.80	3	5.80	2	5.80	2	6.00	2	7.40	2	7.80	2	8.80	1	13.00	1
1934	5.00	3	7.00	5	9.90	7	13.00	14	13.00	12	14.00	11	14.00	11	16.00	12	22.00	9
1935	8.00	8	8.70	8	12.00	13	12.00	13	12.00	10	14.00	12	14.00	12	15.00	9	16.00	4
1936	8.00	9	9.70	10	10.00	8	11.00	9	16.00	16	16.00	15	17.00	13	19.00	15	23.00	10
1937	9.00	10	9.00	9	9.00	6	9.00	4	9.00	4	10.00	4	13.00	10	15.00	10	25.00	13
1938	12.00	14	12.00	14	12.00	14	12.00	10	13.00	13	15.00	13	17.00	14	18.00	13	25.00	14
1939	14.00	15	15.00	15	15.00	15	15.00	15	15.00	14	16.00	14	19.00	16	21.00	16	30.00	16
1940	6.00	6	7.00	6	7.90	5	9.90	6	11.00	5	11.00	5	12.00	5	13.00	5	17.00	5

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG THOMPSON RIVER NEAR ESTES PARK, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1941	4.40	1	5.00	1	7.60	4	9.70	5	11.00	6	12.00	7	12.00	6	13.00	6	23.00	11
1942	7.00	7	8.10	7	11.00	11	12.00	11	12.00	11	13.00	10	13.00	7	14.00	7	25.00	12
1943	14.00	16	16.00	16	16.00	16	16.00	16	16.00	15	17.00	16	18.00	15	19.00	14	27.00	15
1944	5.80	4	5.90	4	5.90	3	6.10	3	6.70	3	7.00	1	7.40	1	8.90	2	14.00	2
1945	4.50	2	5.10	2	5.40	1	5.70	1	5.80	1	7.70	3	8.70	3	9.60	3	14.00	3
1946	10.00	11	10.00	11	10.00	9	10.00	7	11.00	7	12.00	8	13.00	8	15.00	11	21.00	6
1947	10.00	12	11.00	12	11.00	10	11.00	8	11.00	8	11.00	6	12.00	4	12.00	4	22.00	7

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
41.7	26.1	16.6	12.6	12.3	16.6	51.4	274	512	297	138	70.7
195	54.7	20.0	13.2	9.96	21.7	644	5983	29380	10110	4057	2723
14.0	7.40	4.47	3.63	3.16	4.66	25.4	77.4	171	101	63.7	52.2
0.01	-0.16	0.33	-0.24	-0.47	0.41	0.71	-0.03	0.35	-0.02	1.87	3.38
0.33	0.28	0.27	0.29	0.26	0.28	0.49	0.28	0.33	0.34	0.46	0.74
2.84	1.77	1.13	0.86	0.84	1.13	3.50	18.6	34.9	20.2	9.36	4.81

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.59	1.40	1.20	1.08	1.07	1.20	1.66	2.42	2.69	2.45	2.10	1.79
0.02	0.02	0.01	0.02	0.02	0.02	0.05	0.02	0.02	0.03	0.03	0.05
0.16	0.13	0.12	0.14	0.13	0.13	0.22	0.14	0.15	0.17	0.17	0.21
-0.33	-0.50	-0.44	-0.83	-1.25	-0.30	0.07	-0.87	-0.48	-1.02	0.90	1.38
0.10	0.10	0.10	0.13	0.12	0.10	0.13	0.06	0.06	0.07	0.08	0.12
7.72	6.77	5.83	5.24	5.20	5.82	8.04	11.7	13.0	11.8	10.2	8.66

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
123	809	28.4	0.14	0.23	-0.051

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.08	0.01	0.10	-0.23	0.05	-0.087

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG THOMPSON RIVER NEAR ESTES PARK, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1955		9	7	36	28	13	12	20	17	8	7	17	13	6	19	17	12	7	17	42	17	30	4	6		1									
1956					3	5	23	67	17	32	21	21	21	11	9	8	12	7	19	44	8	14	9	10	1	2	2								
1957			4	12	27	58	19	16	20	24	11	11	2	6	11	6	11	12	9	34	7	23	6	4	3	5	4	5	4	3	2	3	2	1	
1958					9	31	25	37	23	16	8	13	11	24	23	11	15	2	15	42	16	16	8	6	2	4	2	1	3	2					
1959				2	15	30	41	22	38	22	14	14	8	12	4	13	7	6	16	45	15	19	8	7	2	3	2								
1960				4	4	50	28	11	3	7	15	15	10	13	17	49	24	8	16	32	18	26	4	7	5										
1961		1	1	3	46	27	5	23	29	15	15	24	13	9	5	6	13	4	22	53	11	19	9	2	7	2	1								
1962								2	18	53	29	12	16	13	29	36	22	20	22	38	3	15	8	3	3	1	3	1	3	9	3	3			
1963						31	4	53	19	23	20	31	10	17	7	5	13	8	8	53	18	33	3	7	1	1									
1964			5	32	21	22	16	12	7	12	23	27	13	37	19	9	9	6	5	30	14	34	9	3	1										
1965				2	30	73	4	38	10	9	18	9	6	3	2	8	12	6	22	41	6	17	10	13	6	2	1	4		4	3	1	1	3	1
1966				37	5	8	5	20	6	29	14	21	15	28	32	21	11	6	10	38	25	29	5												
1967			21	42	6	9	9	13	15	25	16	26	13	16	2	9	8	18	17	45	12	24	9	6	4										
1968							21	65	13	24	34	14	7	20	11	15	15	19	21	33	12	18	10	7	6	1									
1969					11	85	16	12	3	12	31	12	6	12	10	5	14	13	9	37	14	29	6	13	2	4	8	1							
1970							13	61	32	18	20	12	8	11	29	11	26	17	4	93	1		1		1	2		2	2	1					
1971		3	5	9	1	30	28	22	11	9	14	12	12	11	58	2	16	37		36	1	2	1	1	1	7	7	13	4	9	3				
1972					1	22	42	33	12	20	17	12	8	13	50	4		68	2	45	2	3	2	1	1	1	1	1	1	4					
1973				2	29	39	16	36	16	15	5	7	3	31	32	7	5	45	1	26	9		4	2		2		9	7	8	3	4	1	1	
1974						11	42	62	18	15	14	16	19	19	16	3	20	27	2	29		6	5	4	5	7	7	6	9		3				
1975					3	56	29	41	4	9	10	15	12	19	40	7	8	26		69		2	3	5	4		2	1							

06735500 BIG THOMPSON RIVER NEAR ESTES PARK, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG THOMPSON RIVER NEAR ESTES PARK, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	7670	100.0	12	35.0	226	4105	53.5	24	210	55	295	3.8
1	6.60	13	7670	100.0	13	40.0	331	3879	50.6	25	240	45	240	3.1
2	7.80	43	7657	99.8	14	47.0	425	3548	46.3	26	280	40	195	2.5
3	9.00	181	7614	99.3	15	55.0	252	3123	40.7	27	330	44	155	2.0
4	11.00	239	7433	96.9	16	63.0	273	2871	37.4	28	380	33	111	1.4
5	12.00	600	7194	93.8	17	74.0	362	2598	33.9	29	440	40	78	1.0
6	14.00	398	6594	86.0	18	85.0	237	2236	29.2	30	520	17	38	.4
7	16.00	666	6196	80.8	19	99.0	905	1999	26.1	31	600	11	21	.2
8	19.00	331	5530	72.1	20	120.0	209	1094	14.3	32	700	4	10	.1
9	22.00	397	5199	67.8	21	130.0	359	885	11.5	33	810	5	6	
10	26.00	356	4802	62.6	22	160.0	124	526	6.9	34	940	1	1	
11	30.00	341	4446	58.0	23	180.0	107	402	5.2					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG THOMPSON RIVER NEAR ESTES PARK, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1955	246.0	16	205.0	19	169.0	19	152.0	19	141.0	20	135.0	19	132.0	16	124.0	15	96.0	16
1956	289.0	14	284.0	12	233.0	11	200.0	12	180.0	11	152.0	10	138.0	11	126.0	14	98.0	14
1957	859.0	2	798.0	2	703.0	2	520.0	3	369.0	5	290.0	4	236.0	4	203.0	2	149.0	2
1958	465.0	8	446.0	8	407.0	6	309.0	6	242.0	7	186.0	7	162.0	8	147.0	8	111.0	8
1959	304.0	12	259.0	14	219.0	12	214.0	11	184.0	10	152.0	11	141.0	9	131.0	9	102.0	9
1960	225.0	19	216.0	17	197.0	16	173.0	16	165.0	15	147.0	15	135.0	14	123.0	16	101.0	13
1961	292.0	13	265.0	13	217.0	13	187.0	14	168.0	13	148.0	13	138.0	12	130.0	10	102.0	10
1962	697.0	4	672.0	4	596.0	4	533.0	2	404.0	4	273.0	5	217.0	5	186.0	5	143.0	5
1963	265.0	15	222.0	15	188.0	18	159.0	18	149.0	18	141.0	16	132.0	17	128.0	11	102.0	11
1964	212.0	20	183.0	20	166.0	20	151.0	20	145.0	19	140.0	17	133.0	15	117.0	17	90.0	19
1965	972.0	1	889.0	1	731.0	1	622.0	1	419.0	2	291.0	3	237.0	2	205.0	1	156.0	1
1966	168.0	21	164.0	21	150.0	21	141.0	21	135.0	21	129.0	21	125.0	19	117.0	18	92.0	17
1967	236.0	18	207.0	18	193.0	17	170.0	17	162.0	16	148.0	14	137.0	13	126.0	12	101.0	12
1968	241.0	17	221.0	16	203.0	15	185.0	15	177.0	12	153.0	9	139.0	10	126.0	13	97.0	15
1969	334.0	11	319.0	10	279.0	10	229.0	10	220.0	8	185.0	8	166.0	7	151.0	7	118.0	7
1970	441.0	9	394.0	9	350.0	9	232.0	9	166.0	14	133.0	20	122.0	20	114.0	19	90.0	20
1971	596.0	5	551.0	5	498.0	5	450.0	5	413.0	3	306.0	2	236.0	3	196.0	4	145.0	3
1972	483.0	7	472.0	6	392.0	8	285.0	8	202.0	9	151.0	12	127.0	18	114.0	20	92.0	18
1973	811.0	3	727.0	3	640.0	3	513.0	4	460.0	1	321.0	1	243.0	1	202.0	3	145.0	4
1974	568.0	6	461.0	7	404.0	7	289.0	7	272.0	6	248.0	6	205.0	6	173.0	6	128.0	6
1975	369.0	10	303.0	11	213.0	14	192.0	13	158.0	17	135.0	18	122.0	21	109.0	21	85.0	21

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG THOMPSON RIVER NEAR ESTES PARK, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1956	11.00	14	11.00	12	12.00	15	13.00	17	15.00	17	15.00	16	16.00	16	17.00	17	21.00	7
1957	8.40	3	8.70	4	9.20	3	10.00	5	11.00	7	11.00	4	12.00	4	12.00	1	16.00	2
1958	11.00	15	11.00	13	11.00	10	12.00	12	13.00	15	13.00	10	14.00	13	16.00	14	25.00	14
1959	10.00	10	11.00	14	11.00	11	11.00	6	12.00	10	13.00	11	13.00	10	15.00	9	18.00	3
1960	9.90	7	9.90	7	11.00	12	11.00	7	12.00	11	13.00	12	13.00	11	16.00	10	27.00	16
1961	6.70	1	8.20	2	10.00	6	11.00	8	11.00	8	11.00	5	12.00	5	14.00	8	20.00	4
1962	17.00	20	18.00	20	18.00	20	20.00	20	21.00	20	23.00	20	23.00	20	25.00	20	36.00	20
1963	12.00	16	12.00	15	12.00	13	12.00	13	13.00	12	15.00	17	16.00	17	17.00	15	22.00	10
1964	8.90	5	8.90	5	9.20	4	9.30	3	10.00	3	10.00	2	11.00	1	13.00	5	21.00	8
1965	10.00	8	10.00	8	11.00	7	11.00	9	11.00	4	12.00	6	12.00	6	12.00	2	15.00	1
1966	9.40	6	9.40	6	9.50	5	9.70	4	9.90	2	11.00	3	14.00	12	17.00	16	27.00	17
1967	8.40	4	8.40	3	8.60	2	8.80	1	9.00	1	9.50	1	11.00	2	13.00	3	20.00	5
1968	14.00	18	14.00	18	14.00	18	14.00	18	15.00	18	16.00	18	17.00	18	18.00	18	28.00	18
1969	11.00	11	11.00	9	11.00	8	12.00	14	12.00	9	12.00	7	12.00	3	13.00	4	20.00	6
1970	14.00	19	15.00	19	15.00	19	15.00	19	16.00	19	16.00	19	17.00	19	18.00	19	29.00	19
1971	7.60	2	7.60	1	8.00	1	9.00	2	11.00	5	13.00	13	13.00	7	16.00	11	25.00	15
1972	11.00	12	12.00	16	13.00	16	13.00	15	13.00	13	14.00	14	15.00	14	16.00	12	24.00	12
1973	10.00	9	11.00	10	11.00	9	11.00	10	11.00	6	12.00	8	13.00	8	14.00	6	24.00	13
1974	12.00	17	13.00	17	13.00	17	13.00	16	14.00	16	15.00	15	15.00	15	16.00	13	22.00	9
1975	11.00	13	11.00	11	12.00	14	12.00	11	13.00	14	13.00	9	13.00	9	14.00	7	23.00	11

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
44.6	29.9	18.6	13.6	13.6	16.5	35.6	112	193	168	99.3	60.0
138	70.7	21.0	9.59	11.9	9.87	87.0	972	4574	7179	123	127
11.7	8.41	4.58	3.10	3.46	3.14	9.33	31.2	67.6	84.7	11.1	11.3
-0.29	1.43	1.38	1.40	1.75	0.29	1.25	0.96	1.72	1.51	-0.27	1.09
0.26	0.28	0.25	0.23	0.25	0.19	0.26	0.28	0.35	0.51	0.11	0.19
5.54	3.72	2.31	1.69	1.69	2.04	4.43	14.0	24.0	20.8	12.3	7.45

06735500 BIG THOMPSON RIVER NEAR ESTES PARK, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.63	1.46	1.26	1.12	1.12	1.21	1.54	2.04	2.26	2.18	1.99	1.77
0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.03	0.00	0.01
0.13	0.12	0.10	0.09	0.10	0.08	0.11	0.12	0.13	0.18	0.05	0.08
-0.72	0.17	0.57	0.54	0.91	0.04	0.55	0.13	1.00	1.19	-0.60	0.60
0.08	0.08	0.08	0.08	0.09	0.07	0.07	0.06	0.06	0.08	0.03	0.04
8.33	7.45	6.42	5.74	5.73	6.17	7.85	10.4	11.6	11.1	10.2	9.04

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
67.3	131	11.5	0.89	0.17	-0.377

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.82	0.00	0.07	0.77	0.04	-0.388

06736000 NORTH FORK BIG THOMPSON RIVER AT DRAKE, COLO.

LOCATION.--Lat 40°26'00", long 105°20'18", in NW¼ sec.3, T.5 N., R.71 W., Larimer County, on right bank at Drake, 400 ft (122 m) upstream from mouth.

DRAINAGE AREA.--82.8 mi² (214 km²).

REMARKS.--Diversions above station for irrigation.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH FORK BIG THOMPSON RIVER AT DRAKE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1948								31	43	40	43	32	37	14	17	19	4	13	15	14	6	5	12	9	11	1									
1949			3	3	15	14	50	32	21	24	22	12	12	10	12	14	5	12	14	7	5	6	17	4	7	6	12	4	3	3	1	5	5	4	1
1950		1	4	8	12	27	40	33	17	15	22	36	44	9	14	7	7	7	10	6	7	14	8	8	9										
1951				2	6	29	24	22	39	37	13	26	7	4	13	8	9	14	13	6	9	12	10	7	3	12	32	4	4						
1952							33	20	18	32	24	29	32	22	18	6	12	13	11	12	7	6	6	16	13	9	13	6	5	3					
1953				2	1	3	43	79	24	25	7	11	22	8	27	4	8	16	15	9	12	10	10	12	6	2	6	3							
1954				4	8	44	31	48	26	18	30	42	38	17	41	8	6	3	1																
1955				1	25	69	35	27	22	28	9	3	8	3	22	30	20	17	19	18	7	2													

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2922	100.0	12	13.0	200	1303	44.6	24	100	49	193	6.6
1	2.00	1	2922	100.0	13	16.0	87	1103	37.7	25	120	30	144	4.9
2	2.40	7	2921	100.0	14	18.0	164	1016	34.8	26	140	63	114	3.9
3	2.80	20	2914	99.7	15	22.0	96	852	29.2	27	170	17	51	1.7
4	3.30	67	2894	99.0	16	26.0	71	756	25.9	28	200	12	34	1.1
5	4.00	186	2827	96.7	17	31.0	95	685	23.4	29	240	6	22	.7
6	4.70	256	2641	90.4	18	37.0	98	590	20.2	30	290	1	16	.5
7	5.60	292	2385	81.6	19	43.0	72	492	16.8	31	340	5	15	.5
8	6.60	210	2093	71.6	20	52.0	53	420	14.4	32	400	5	10	.3
9	7.90	219	1883	64.4	21	61.0	55	367	12.6	33	480	4	5	.1
10	9.30	170	1664	56.9	22	73.0	63	312	10.7	34	570	1	1	
11	11.00	191	1494	51.1	23	86.0	56	249	8.5					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH FORK BIG THOMPSON RIVER AT DRAKE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1948	132.0	5	117.0	5	110.0	6	105.0	5	94.0	5	74.0	5	61.0	5	52.0	5	38.0	5
1949	652.0	1	581.0	1	506.0	1	454.0	1	330.0	1	220.0	1	171.0	1	137.0	1	95.0	1
1950	114.0	6	112.0	6	111.0	5	104.0	6	90.0	6	72.0	6	57.0	6	46.0	6	34.0	6
1951	211.0	3	208.0	3	194.0	3	173.0	3	163.0	3	147.0	2	122.0	2	102.0	2	73.0	2
1952	256.0	2	252.0	2	239.0	2	209.0	2	178.0	2	143.0	3	117.0	3	98.0	3	70.0	3
1953	187.0	4	174.0	4	164.0	4	142.0	4	116.0	4	89.0	4	74.0	4	63.0	4	46.0	4
1954	41.0	8	34.0	8	29.0	8	25.0	8	22.0	8	21.0	8	19.0	8	18.0	8	14.0	8
1955	67.0	7	60.0	7	58.0	7	52.0	7	47.0	7	37.0	7	37.0	7	34.0	7	26.0	7

06736000 NORTH FORK BIG THOMPSON RIVER AT DRAKE, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH FORK BIG THOMPSON RIVER AT DRAKE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1949	2.60	2	2.60	2	2.90	1	3.20	1	3.70	1	4.30	2	4.70	3	5.00	3	6.50	2
1950	2.00	1	2.50	1	3.30	2	3.80	3	4.10	4	4.80	5	4.90	4	4.90	2	7.00	4
1951	3.00	5	3.40	5	3.70	4	4.20	5	4.50	5	4.70	4	5.50	5	5.90	6	7.30	6
1952	3.00	6	4.10	7	5.10	7	5.40	7	5.40	7	5.80	7	6.60	7	7.40	7	9.90	7
1953	3.20	7	3.90	6	4.30	6	4.40	6	5.30	6	5.60	6	5.60	6	5.80	5	7.00	5
1954	2.80	3	3.20	3	3.30	3	3.70	2	4.00	2	4.30	3	4.60	2	5.20	4	6.90	3
1955	2.90	4	3.30	4	3.80	5	3.90	4	4.10	3	4.20	1	4.20	1	4.50	1	5.60	1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
12.5	9.02	6.61	5.64	5.44	5.54	13.7	54.7	125	55.1	33.0	17.1
10.3	3.34	3.23	1.93	1.08	1.75	89.8	1540	9067	926	261	28.7
3.20	1.83	1.80	1.39	1.04	1.32	9.48	39.2	95.2	30.4	16.2	5.35
0.79	0.36	1.09	1.11	-0.22	0.51	1.69	0.74	1.34	0.88	0.36	0.11
0.26	0.20	0.27	0.25	0.19	0.24	0.69	0.72	0.76	0.55	0.49	0.31
3.63	2.63	1.93	1.65	1.59	1.62	4.00	16.0	36.4	16.1	9.62	4.97

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.08	0.95	0.81	0.74	0.73	0.73	1.06	1.63	1.97	1.68	1.47	1.21
0.01	0.01	0.01	0.01	0.01	0.01	0.07	0.11	0.14	0.06	0.05	0.02
0.11	0.09	0.11	0.10	0.09	0.10	0.26	0.34	0.38	0.25	0.23	0.14
0.39	-0.02	0.82	0.89	-0.36	0.20	0.65	0.01	-0.54	-0.21	-0.29	-0.36
0.10	0.09	0.14	0.13	0.12	0.14	0.25	0.21	0.19	0.15	0.16	0.12
7.70	6.74	5.74	5.27	5.18	5.21	7.55	11.6	14.0	12.0	10.4	8.62

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
28.6	193	13.9	0.42	0.49	-0.012

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.41	0.05	0.23	-0.36	0.16	0.167

06736500 BIG THOMPSON RIVER BELOW POWERHOUSE, NEAR DRAKE, COLO.

LOCATION.--Lat 40°25'03", long 105°16'02", in NW¼ sec.8, T.5 N., R.70 W., Larimer County, on right bank 500 ft (150 m) north of U.S. Highway 34, 700 ft (210 m) upstream from Cedar Creek, 0.2 mi (0.3 km) downstream from hydroelectric plant of city of Loveland, and 4 mi (6.4 km) east of Drake.

DRAINAGE AREA.--280 mi^2 (725 km^2).

REMARKS.--Low flow regulated by Lake Estes since Nov. 30, 1948. Diversion from Colorado River to Big Thompson River above station through Alva B. Adams tunnel began Aug. 10, 1947; since Apr. 15, 1953, this imported water has been diverted from Lake Estes through Olympus tunnel bypassing this station. Since May 17, 1955, part of the natural flow of Big Thompson River has also been diverted through Olympus tunnel and returned to river below station at mouth of canyon, near Drake. Statistical summaries are shown for two periods, water years 1918-26, 1929-46 and water years 1950-52.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG THOMPSON RIVER BL POWERHOUSE, NR DRAKE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1918											59	10	68	32	16	16	44	10	8	3	7	7	7	32	6	8	2		30						
1919												44	50	43	33	2	33	19	38	12	19	20	18	20	7	7									
1920					1		1	1		1	1	35	20	52	49	27	24	1	3	15	4	5	27	24	14	19	13	7	7	12	3				
1921												29	95	38	8	3	1	21	11	13	9	6	20	23	15	16	17	8	12	4	3	5	6	1	1
1922										1	8	21	31	72	26	33	24	13	6	4	26	9	28	11	10	10	13	14	5						
1923											18	62	20	43	38	13	4	5	4	3	28	15	7	13	10	5	9	7	28	15	7	5	3	1	2
1924												10	24	29	20	25	20	22	50	31	22	12	9	10	7	8	3	11	17	15	10	5	4	2	
1925										16	35	36	46	18	8	22	21	10	17	21	23	13	22	27	8	16	6								

06736500 BIG THOMPSON RIVER BELOW POWERHOUSE, NEAR DRAKE, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG THOMPSON RIVER BL POWERHOUSE, NR DRAKE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1926											41	33	26	14	4	12	25	16	31	25	12	3	3	10	10	11	23	21	6	18	18	2	1		
1929										54	51	11	12	30	18	23	10	10	1	1	4	4	10	34	18	24	45	5							
1930									8		20	40	33	10	8	14	14	22	40	13	22	24	23	26	19	18	9	2							
1931						1	8	10	24	46	16	8	14	13	16	24	20	32	21	23	17	13	9	6	5	16	22	1							
1932							1	4	9	17	48	40	22	22	19	33	22	8	12	12	11	6	7	21	20	17	11	4							
1933		4	3	1	4	3	2	10	40	25	36	21	22	21	13	2	4	12	24	7	19	21	9	3	6	21	10	13	9						
1934									4	7	19	58	47	29	33	28	13	27	21	6	17	10	12	6	11	17									
1935										14	40	87	49	10	7	8	15	11	13	8	16	4	6	4	11	14	18	14	6	7	3				
1936								1	1	2	29	62	31	20	7	25	14	13	14	4	11	10	15	16	13	24	19	14	18	3					
1937						2	11	11	12	9	17	39	30	11	11	14	33	23	41	7	6	5	10	4	8	23	19	15	3	1					
1938										2	14	39	59	23	16	24	18	3	11	7	19	23	16	8	13	17	7	14	19	12	1				
1939										7	9	39	26	22	24	32	47	23	26	14	18	6	30	10	13	13	5	1							
1940					1	2	3	3	5	33	53	41	37	12	9	10	4	29	26	8	14	17	10	20	11	11	7								
1941						1		4	8	20	49	27	23	18	13	20	18	14	25	18	14	10	16	11	12	12	17	10	5						
1942						1	3	2	10	24	41	20	20	10	12	31	40	17	14	3	10	11	11	13	16	16	8	13	15	4					
1943										3	15	26	46	34	29	16	13	21	29	11	15	17	26	12	9	8	9	11	14	1					
1944								3	3	29	53	39	18	48	21	10	4	18	12	5	14	9	9	6	16	9	20	17	3						
1945			3		1	1	5	3	35	35	27	18	39	27	7	1	4	17	10	3	11	5	14	15	18	29	25	7	4	1					
1946										3	6	29	64	35	17	34	26	18	22	16	34	12	17	13	4	5	6	3	1					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	9861	100.0	12	25.0	972	7610	77.2	24	340	310	1637	16.6
1	2.30	4	9861	100.0	13	31.0	736	6638	67.3	25	420	394	1327	13.4
2	2.90	6	9857	100.0	14	39.0	482	5902	59.9	26	530	343	933	9.4
3	3.60	1	9851	99.9	15	48.0	502	5420	55.0	27	660	212	590	5.9
4	4.40	7	9850	99.9	16	60.0	515	4918	49.9	28	810	202	378	3.8
5	5.50	11	9843	99.8	17	75.0	435	4403	44.7	29	1000	93	176	1.7
6	6.80	34	9832	99.7	18	93.0	530	3968	40.2	30	1300	45	83	.8
7	8.50	52	9798	99.4	19	120.0	293	3438	34.9	31	1600	17	38	.3
8	11.00	159	9746	98.8	20	140.0	422	3145	31.9	32	1900	14	21	.2
9	13.00	348	9587	97.2	21	180.0	297	2723	27.6	33	2400	4	7	
10	16.00	705	9239	93.7	22	220.0	391	2426	24.6	34	3000	3	3	
11	20.00	924	8534	86.5	23	270.0	398	2035	20.6					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG THOMPSON RIVER BL POWERHOUSE, NR DRAKE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1918	960.0	13	960.0	11	960.0	9	960.0	8	960.0	6	670.0	10	537.0	10	432.0	12	303.0	12
1919	490.0	27	455.0	27	438.0	27	383.0	27	313.0	27	279.0	27	253.0	27	217.0	26	170.0	26
1920	1500.0	6	1420.0	6	1330.0	5	1230.0	5	1010.0	5	762.0	5	619.0	6	532.0	6	386.0	7
1921	3000.0	2	2520.0	2	2210.0	1	1960.0	1	1460.0	2	1050.0	4	835.0	4	696.0	4	502.0	4
1922	945.0	16	882.0	16	853.0	14	772.0	13	685.0	13	539.0	18	444.0	18	381.0	17	275.0	17
1923	3140.0	1	2760.0	1	2210.0	2	1850.0	3	1420.0	3	1230.0	1	1000.0	1	818.0	1	579.0	1
1924	2680.0	3	2480.0	3	2030.0	3	1860.0	2	1560.0	1	1220.0	2	966.0	2	776.0	3	540.0	3
1925	592.0	25	555.0	25	539.0	25	494.0	23	435.0	25	364.0	23	315.0	22	283.0	22	215.0	22
1926	1920.0	4	1780.0	4	1630.0	4	1530.0	4	1360.0	4	1100.0	3	951.0	3	816.0	2	572.0	2
1929	741.0	20	693.0	19	655.0	19	613.0	18	601.0	18	560.0	16	531.0	11	476.0	9	356.0	8
1930	760.0	19	693.0	20	575.0	24	486.0	24	458.0	22	368.0	22	372.0	20	328.0	19	253.0	19
1931	692.0	23	663.0	22	642.0	20	608.0	19	566.0	19	452.0	20	361.0	21	303.0	21	221.0	21
1932	710.0	22	677.0	21	656.0	18	591.0	21	531.0	20	456.0	19	387.0	19	323.0	20	230.0	20
1933	948.0	15	926.0	13	857.0	13	807.0	12	740.0	12	598.0	12	469.0	16	387.0	16	279.0	15
1934	494.0	26	473.0	26	448.0	26	437.0	26	418.0	26	323.0	26	259.0	26	217.0	27	159.0	27
1935	1540.0	5	1520.0	5	1290.0	6	1120.0	6	918.0	8	733.0	7	590.0	8	477.0	8	332.0	9
1936	1060.0	11	993.0	10	959.0	10	893.0	10	821.0	10	699.0	8	623.0	5	542.0	5	395.0	6
1937	1080.0	9	887.0	15	839.0	15	757.0	14	662.0	15	595.0	13	491.0	13	398.0	14	286.0	14
1938	1410.0	7	1220.0	7	1050.0	7	975.0	7	937.0	7	753.0	6	596.0	7	529.0	7	411.0	5
1939	720.0	21	653.0	23	593.0	22	513.0	22	466.0	21	370.0	21	311.0	23	261.0	23	193.0	23
1940	648.0	24	625.0	24	592.0	23	476.0	25	450.0	24	362.0	24	308.0	24	257.0	24	191.0	24
1941	882.0	17	846.0	17	814.0	16	703.0	17	628.0	17	551.0	17	452.0	17	376.0	18	270.0	18
1942	1170.0	8	1080.0	8	1050.0	8	958.0	9	877.0	9	679.0	9	564.0	9	470.0	10	331.0	10
1943	1030.0	12	928.0	12	885.0	12	830.0	11	749.0	11	600.0	11	484.0	14	407.0	13	294.0	13
1944	950.0	14	913.0	14	780.0	17	729.0	16	673.0	14	594.0	14	481.0	15	394.0	15	278.0	16
1945	1070.0	10	1010.0	9	909.0	11	746.0	15	647.0	16	581.0	15	522.0	12	455.0	11	327.0	11
1946	811.0	18	703.0	18	641.0	21	607.0	20	454.0	23	345.0	25	279.0	25	241.0	25	184.0	25

06736500 BIG THOMPSON RIVER BELOW POWERHOUSE, NEAR DRAKE, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG THOMPSON RIVER BL POWERHOUSE, NR DRAKE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1919	21.00	24	21.00	24	22.00	24	22.00	22	22.00	20	23.00	20	25.00	23	27.00	20	36.00	17
1920	5.00	4	7.70	5	14.00	11	18.00	16	23.00	23	29.00	24	30.00	25	31.00	24	38.00	21
1921	22.00	25	22.00	25	22.00	25	22.00	23	22.00	21	24.00	21	24.00	20	25.00	14	36.00	18
1922	13.00	18	16.00	20	16.00	18	24.00	26	28.00	26	29.00	25	29.00	24	31.00	25	38.00	19
1923	18.00	23	18.00	23	18.00	22	19.00	17	19.00	18	21.00	17	22.00	15	25.00	15	30.00	8
1924	22.00	26	22.00	26	22.00	26	23.00	25	25.00	25	31.00	26	35.00	26	44.00	26	71.00	26
1925	14.00	19	15.00	18	15.00	14	16.00	12	17.00	10	19.00	11	21.00	12	22.00	12	32.00	11
1926	16.00	22	16.00	19	17.00	19	17.00	15	18.00	14	19.00	12	21.00	13	25.00	16	52.00	24
1930	12.00	14	12.00	11	12.00	8	14.00	9	17.00	11	20.00	16	22.00	16	26.00	17	54.00	25
1931	6.00	7	7.70	6	8.40	4	9.10	3	11.00	4	12.00	4	12.00	2	15.00	3	31.00	9
1932	7.00	9	9.30	9	10.00	6	11.00	5	13.00	5	15.00	5	17.00	9	18.00	6	27.00	6
1933	2.30	1	2.60	1	2.80	1	4.00	1	7.30	1	10.00	1	11.00	1	13.00	1	19.00	1
1934	11.00	12	13.00	12	15.00	15	16.00	13	18.00	15	19.00	13	21.00	14	22.00	13	30.00	7
1935	13.00	15	13.00	13	14.00	12	14.00	10	17.00	12	18.00	10	19.00	10	20.00	10	22.00	4
1936	9.40	11	12.00	10	15.00	16	19.00	18	19.00	16	20.00	14	21.00	11	22.00	11	32.00	10
1937	6.00	8	6.80	4	7.00	2	7.40	2	9.30	2	12.00	2	16.00	6	18.00	7	33.00	12
1938	15.00	21	17.00	21	18.00	20	19.00	19	19.00	17	22.00	18	24.00	17	26.00	18	35.00	15
1939	13.00	16	14.00	16	14.00	13	16.00	14	18.00	13	20.00	15	24.00	18	28.00	21	48.00	23
1940	4.90	3	6.50	3	8.70	5	11.00	6	14.00	6	15.00	6	15.00	4	16.00	4	21.00	3
1941	5.50	5	8.20	8	13.00	9	14.00	11	15.00	9	17.00	9	17.00	7	19.00	8	33.00	13
1942	6.00	6	8.10	7	11.00	7	13.00	7	14.00	7	16.00	7	17.00	8	19.00	9	33.00	14
1943	13.00	17	17.00	22	18.00	21	22.00	24	23.00	22	24.00	22	25.00	21	28.00	22	44.00	22
1944	9.00	10	13.00	14	13.00	10	14.00	8	15.00	8	16.00	8	16.00	5	18.00	5	23.00	5
1945	3.00	2	4.60	2	8.00	3	9.80	4	11.00	3	12.00	3	13.00	3	14.00	2	20.00	2
1946	14.00	20	14.00	17	19.00	23	20.00	21	24.00	24	25.00	23	25.00	22	27.00	19	36.00	16
1947	12.00	13	13.00	15	16.00	17	19.00	20	21.00	19	23.00	19	24.00	19	28.00	23	38.00	20

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
68.3	43.3	27.9	20.7	20.2	23.5	82.2	361	736	402	200	114
967	375	138	57.0	37.3	17.9	3214	23150	121200	37240	10350	7323
31.1	19.4	11.7	7.55	6.11	4.23	56.7	152	348	193	102	85.6
1.18	2.06	2.17	1.06	0.65	-0.21	2.96	1.73	0.91	1.33	0.98	2.99
0.46	0.45	0.42	0.36	0.30	0.18	0.69	0.42	0.47	0.48	0.51	0.75
3.25	2.06	1.33	0.99	0.96	1.12	3.92	17.2	35.0	19.2	9.51	5.44

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.80	1.60	1.42	1.29	1.29	1.36	1.85	2.53	2.82	2.56	2.25	1.99
0.03	0.03	0.03	0.02	0.02	0.01	0.05	0.03	0.04	0.04	0.04	0.05
0.19	0.17	0.16	0.15	0.14	0.08	0.22	0.17	0.21	0.20	0.21	0.23
0.28	0.43	0.50	0.10	-0.76	-0.56	1.00	0.29	-0.16	-0.07	0.46	1.05
0.10	0.11	0.11	0.12	0.11	0.06	0.12	0.07	0.07	0.08	0.09	0.12
7.89	7.04	6.23	5.67	5.65	5.99	8.14	11.1	12.4	11.3	9.90	8.73

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
175	3897	62.4	1.01	0.36	0.106

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.22	0.02	0.15	0.38	0.07	0.078

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG THOMPSON RIVER BL POWERHOUSE, NR DRAKE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1950		2	4	2	6	19	42	31	25	19	43	20	13	3	6	7	20	20	3	5	3	1	1	2	5	6	6	6	15	11	7	8	4		
1951			3	3	3	15	17	15	23	23	20	16	6	14	12	5	9	4	4	11	25	6	7	10	4	14	5	4	14	6	27	24	9	5	2
1952			2		2	4	11	8	11		1	1	1	3	15	11	8	42	42	24	9	10	6	32	8	27	23	18	20	5	5	4	6	5	2

06736500 BIG THOMPSON RIVER BELOW POWERHOUSE, NEAR DRAKE, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG THOMPSON RIVER BL POWERHOUSE, NR DRAKE, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1096	100.0	12	49.0	20	705	64.3	24	300	17	305	27.8
1	9.50	2	1096	100.0	13	57.0	20	685	62.5	25	340	47	288	26.2
2	11.00	9	1094	99.8	14	66.0	33	665	60.7	26	400	34	241	21.9
3	13.00	5	1085	99.0	15	77.0	23	632	57.7	27	460	28	207	18.8
4	15.00	11	1080	98.5	16	89.0	37	609	55.6	28	540	49	179	16.3
5	17.00	38	1069	97.5	17	100.0	66	572	52.2	29	630	22	130	11.8
6	20.00	70	1031	94.1	18	120.0	49	506	46.2	30	730	39	108	9.8
7	23.00	54	961	87.7	19	140.0	40	457	41.7	31	840	36	69	6.2
8	27.00	59	907	82.8	20	160.0	37	417	38.0	32	980	19	33	3.0
9	31.00	42	848	77.4	21	190.0	17	380	34.7	33	1100	10	14	1.2
10	36.00	64	806	73.5	22	220.0	14	363	33.1	34	1300	4	4	.3
11	42.00	37	742	67.7	23	250.0	44	349	31.8					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG THOMPSON RIVER BL POWERHOUSE, NR DRAKE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1950	1040.0	3	1020.0	3	996.0	3	914.0	3	812.0	3	667.0	3	510.0	3	403.0	3	285.0	3
1951	1340.0	1	1310.0	1	1240.0	1	1090.0	2	981.0	1	893.0	1	828.0	1	708.0	1	525.0	1
1952	1340.0	2	1300.0	2	1230.0	2	1110.0	1	913.0	2	700.0	2	603.0	2	559.0	2	423.0	2

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG THOMPSON RIVER BL POWERHOUSE, NR DRAKE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1950	9.50	1	10.00	1	18.00	3	19.00	2	21.00	2	22.00	1	22.00	1	22.00	1	28.00	1
1951	11.00	2	15.00	3	17.00	1	18.00	1	20.00	1	30.00	2	32.00	2	32.00	2	40.00	2
1952	11.00	3	14.00	2	18.00	2	21.00	3	22.00	3	89.00	4	120.00	3	120.00	3	121.00	3
1953	31.00	4	35.00	4	35.00	4	38.00	4	50.00	4	80.00	3	128.00	4	186.00	4	232.00	4

06738000 BIG THOMPSON RIVER AT MOUTH OF CANYON, NEAR DRAKE, COLO.

LOCATION.--Lat 40°25'18", long 105°13'34", in SW¼SW¼ sec.3, T.5 N., R.70 W., Larimer County, on right bank at mouth of canyon, 400 ft (120 m) upstream from Handy Ditch diversion dam and 6.0 mi (9.7 km) east of Drake.

DRAINAGE AREA.--304 mi^2 (787 km^2).

REMARKS.--Diversions above station for irrigation. Diversions from Colorado River to Big Thompson River basin above station through Alva B. Adams tunnel began Aug. 10, 1947; since Apr. 15, 1953, this imported water has been diverted from Lake Estes through Olympus tunnel bypassing this station. Part of the natural flow of Big Thompson River has also been diverted through Olympus tunnel since May 17, 1955, and Dille tunnel since Apr. 20, 1959, and returned to the river just below this station. Statistical summaries are shown for two periods, water years 1928, 1933, 1939-46 and water years 1960-75.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG THOMPSON R AT MOUTH OF CANYON, NR DRAKE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1928							1	2	36	45	28	33	19	30	13	19	12	10	2	2	4	15	5	2	3	1	14	14	20	18	7	4	3	4	
1933		28			23	47		38	6	1	34	23	3	3	1	6	9	16	13	7	16	19	9	3	5	4	11	10	5	7	10	8			
1939						1	5	6	24	20	40	17	18	27	22	30	17	23	15	11	12	6	21	16	12	7	9	1	4	1					
1940		4	2	8	18	36	24	22	22	14	24	19	5	6	7	13	11	22	9	8	12	14	12	16	10	10	9	3	6						
1941		1		3	7	11	26	35	24	20	15	10	14	19	11	13	12	15	18	8	13	4	10	10	15	5	7	7	16	6	6	3	1		
1942				1	4	11	24	27	24	14	21	11	9	30	28	18	14	8	6	4	5	11	8	4	9	12	17	9	3	9	7	10	4	3	
1943									2	3	99	46	6	4	9	5	8	14	42	8	13	8	15	17	13	7	6	5	8	5	8	14			
1944				1	2	10	22	32	42	44	41	14	7	6	2	7	12	3	3	11	9	8	9	10	6	11	11	5	18	13	5	2			
1945		2	3	5	21	35	29	18	16	26	25	12	8	4	9	7	7	6	5	5	5	6	5	11	12	8	17	20	12	19	2	3	2		
1946						1	1	5	31	72	24	12	8	19	36	10	10	21	16	23	18	8	13	5	11	4	2	5	4	5	1				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	3653	100.0	12	44.0	97	2017	55.2	24	320	96	633	17.3
1	7.00	35	3653	100.0	13	51.0	148	1920	52.6	25	380	69	537	14.7
2	8.30	5	3618	99.0	14	61.0	138	1772	48.5	26	440	103	468	12.8
3	9.80	18	3613	98.9	15	72.0	128	1634	44.7	27	530	79	365	9.9
4	12.00	75	3595	98.4	16	85.0	112	1506	41.2	28	620	96	286	7.8
5	14.00	152	3520	96.4	17	100.0	138	1394	38.2	29	730	83	190	5.2
6	16.00	132	3368	92.2	18	120.0	129	1256	34.4	30	860	46	107	2.9
7	19.00	185	3236	88.6	19	140.0	87	1127	30.9	31	1000	44	61	1.6
8	22.00	227	3051	83.5	20	160.0	107	1040	28.5	32	1200	10	17	.4
9	26.00	259	2824	77.3	21	190.0	99	933	25.5	33	1400	7	7	.1
10	31.00	351	2565	70.2	22	230.0	107	834	22.8	34	1700			
11	37.00	197	2214	60.6	23	270.0	94	727	19.9					

06738000 BIG THOMPSON RIVER AT MOUTH OF CANYON, NEAR DRAKE, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG THOMPSON R AT MOUTH OF CANYON, NR DRAKE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1928	1540.0	1	1520.0	1	1410.0	1	1130.0	2	910.0	2	840.0	1	725.0	1	594.0	1	410.0	1
1933	1140.0	6	1120.0	4	1040.0	5	973.0	4	888.0	4	683.0	5	530.0	6	436.0	6	313.0	6
1939	790.0	9	697.0	9	629.0	10	524.0	9	469.0	10	378.0	10	319.0	9	270.0	9	201.0	10
1940	699.0	10	673.0	10	635.0	9	505.0	10	479.0	9	385.0	9	331.0	8	276.0	8	207.0	8
1941	1250.0	4	1080.0	6	1040.0	6	878.0	6	747.0	7	637.0	7	514.0	7	424.0	7	302.0	7
1942	1460.0	2	1340.0	2	1320.0	2	1180.0	1	1050.0	1	793.0	2	657.0	2	541.0	2	377.0	2
1943	1180.0	5	1120.0	5	1100.0	3	1020.0	3	902.0	3	721.0	3	578.0	4	478.0	4	345.0	4
1944	1100.0	7	1030.0	7	882.0	7	819.0	7	771.0	6	664.0	6	546.0	5	453.0	5	317.0	5
1945	1280.0	3	1240.0	3	1100.0	4	918.0	5	812.0	5	703.0	4	617.0	3	532.0	3	376.0	3
1946	922.0	8	803.0	8	716.0	8	692.0	8	520.0	8	389.0	8	311.0	10	266.0	10	201.0	9

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG THOMPSON R AT MOUTH OF CANYON, NR DRAKE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1928	18.00	9	21.00	9	23.00	9	23.00	9	24.00	8	25.00	8	27.00	8	29.00	9	41.00	9
1933	8.00	4	8.00	2	8.00	1	8.00	1	8.30	1	11.00	1	12.00	1	13.00	1	21.00	1
1940	7.00	1	7.70	1	9.90	2	11.00	2	14.00	3	14.00	2	14.00	2	16.00	2	22.00	3
1941	7.00	2	9.70	4	13.00	4	16.00	5	17.00	4	18.00	4	19.00	4	20.00	4	36.00	5
1942	10.00	5	12.00	5	14.00	5	16.00	6	17.00	5	19.00	5	20.00	6	22.00	6	37.00	6
1943	24.00	10	25.00	10	28.00	10	32.00	10	32.00	10	33.00	10	33.00	10	35.00	10	56.00	10
1944	11.00	6	14.00	7	14.00	6	15.00	4	17.00	6	19.00	6	19.00	5	21.00	5	25.00	4
1945	7.40	3	8.80	3	10.00	3	12.00	3	12.00	2	14.00	3	15.00	3	16.00	3	21.00	2
1946	15.00	8	19.00	8	20.00	8	22.00	8	25.00	9	27.00	9	27.00	9	28.00	8	38.00	8
1947	11.00	7	12.00	6	15.00	7	18.00	7	20.00	7	21.00	7	22.00	7	26.00	7	37.00	7

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
68.8	44.5	26.7	21.7	20.2	25.8	83.8	394	714	395	164	78.0
1013	291	84.0	59.6	48.0	45.2	1696	20910	41550	27120	7025	572
31.8	17.1	9.17	7.72	6.93	6.72	41.2	145	204	165	83.8	23.9
0.41	0.48	0.15	0.27	0.12	0.33	0.71	0.16	-0.33	0.95	2.41	-0.01
0.46	0.38	0.34	0.36	0.34	0.26	0.49	0.37	0.29	0.42	0.51	0.31
3.38	2.18	1.31	1.07	0.99	1.27	4.12	19.3	35.1	19.4	8.04	3.83

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.79	1.62	1.40	1.31	1.28	1.40	1.88	2.56	2.84	2.56	2.18	1.87
0.04	0.03	0.03	0.02	0.03	0.01	0.04	0.03	0.02	0.03	0.03	0.02
0.21	0.17	0.16	0.16	0.17	0.11	0.21	0.18	0.14	0.18	0.17	0.15
-0.04	-0.26	-0.36	0.03	-1.05	0.11	0.33	-0.98	-0.72	0.20	1.69	-0.83
0.12	0.11	0.11	0.12	0.13	0.08	0.11	0.07	0.05	0.07	0.08	0.08
7.90	7.13	6.18	5.78	5.64	6.16	8.27	11.3	12.5	11.3	9.60	8.25

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
170	1535	39.2	-0.25	0.23	0.231

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.22	0.01	0.11	-0.49	0.05	0.247

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG THOMPSON R AT MOUTH OF CANYON, NR DRAKE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1960											2	1		2	1	6	32	48	19	19	20	38	65	47	38	9	9	9	1						
1961															1	6	44	48	22	41	33	26	16	29	38	20	15	16	8	1	1				
1962																1	5	6	49	68	22	46	34	40	35	20	11	8	5	10	5				
1963																1	31	43	31	64	32	16	21	42	49	30	2	2	1						
1964																	45	44	20	37	42	47	26	29	36	35	5								
1965															3	11	78	48	25	19	18	7	10	36	32	23	12	17	9	4	5	4	3	1	

06738000 BIG THOMPSON RIVER AT MOUTH OF CANYON, NEAR DRAKE, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG THOMPSON R AT MOUTH OF CANYON, NR DRAKE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS																						
1966																	28	37	25	40	24	48	44	14	60	44	1								
1967																2	63	20	50	41	27	37	18	25	34	34	10	3	1						
1968																		6	83	55	25	28	46	27	28	33	15	16	4						
1969																5	49	63	20	30	25	21	33	18	33	19	24	17	7				1		
1970		12	1	4	6	9											6	25	53	23	24	23	43	41	31	23	24	9		3	5				
1971																6	21	65	41	14	36	49	41	21	10	9	15	7	3	14	12	1			
1972																2	7	53	58	27	30	28	64	37	33	9	6	9	3						
1973																	19	82	48	29	22	19	27	33	21	9	9	11	14	6	7	9			
1974																5	17	47	46	45	34	37	30	28	12	20	13	20	5	3	3				
1975																1	12	57	48	29	31	40	46	19	15	20	12	23	10	2					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5844	100.0	12	4.7	0	5809	99.4	24	110	505	1383	23.6
1	0.10	12	5844	100.0	13	6.1	2	5809	99.4	25	140	357	878	15.0
2	0.30	1	5832	99.8	14	8.0	5	5807	99.4	26	190	183	521	8.9
3	0.40	4	5831	99.8	15	10.0	46	5802	99.3	27	240	167	338	5.7
4	0.60	6	5827	99.7	16	13.0	457	5756	98.5	28	320	71	171	2.9
5	0.70	9	5821	99.6	17	18.0	692	5299	90.7	29	410	43	100	1.7
6	1.00	0	5812	99.5	18	23.0	638	4607	78.8	30	540	38	57	.9
7	1.30	0	5812	99.5	19	30.0	581	3969	67.9	31	700	14	19	.3
8	1.60	0	5812	99.5	20	39.0	445	3388	58.0	32	910	4	5	
9	2.10	0	5812	99.5	21	50.0	510	2943	50.4	33	1200	1	1	
10	2.80	2	5812	99.5	22	65.0	564	2433	41.6	34				
11	3.60	1	5810	99.4	23	85.0	486	1869	32.0					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG THOMPSON R AT MOUTH OF CANYON, NR DRAKE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1960	341.0	14	301.0	12	269.0	12	248.0	12	212.0	12	164.0	11	145.0	11	131.0	12	109.0	11
1961	560.0	8	444.0	8	363.0	8	332.0	6	300.0	8	241.0	8	202.0	9	179.0	6	138.0	7
1962	670.0	5	627.0	4	572.0	4	526.0	3	408.0	4	290.0	4	234.0	4	203.0	4	156.0	4
1963	364.0	11	290.0	14	210.0	14	167.0	14	159.0	14	137.0	16	128.0	15	125.0	15	104.0	15
1964	195.0	16	190.0	15	180.0	15	162.0	15	151.0	16	142.0	14	138.0	14	123.0	16	97.0	16
1965	1360.0	1	1160.0	1	916.0	1	790.0	1	566.0	1	400.0	1	315.0	1	266.0	1	198.0	1
1966	219.0	15	186.0	16	170.0	16	157.0	16	155.0	15	143.0	13	142.0	12	134.0	11	107.0	12
1967	364.0	12	297.0	13	244.0	13	195.0	13	185.0	13	140.0	15	125.0	16	126.0	14	105.0	13
1968	345.0	13	331.0	11	303.0	11	275.0	11	262.0	10	216.0	10	188.0	10	165.0	10	129.0	10
1969	1090.0	2	579.0	5	383.0	7	284.0	9	270.0	9	223.0	9	207.0	7	186.0	5	143.0	5
1970	606.0	7	572.0	6	544.0	5	403.0	5	304.0	7	247.0	7	202.0	8	174.0	9	138.0	6
1971	705.0	4	681.0	3	626.0	3	581.0	2	524.0	2	364.0	2	274.0	3	223.0	3	166.0	3
1972	408.0	10	346.0	10	321.0	10	281.0	10	214.0	11	158.0	12	141.0	13	128.0	13	105.0	14
1973	840.0	3	792.0	2	736.0	2	457.0	4	456.0	3	363.0	3	306.0	2	256.0	2	186.0	2
1974	632.0	6	529.0	7	418.0	6	326.0	7	309.0	5	249.0	5	208.0	5	177.0	7	134.0	9
1975	456.0	9	422.0	9	341.0	9	311.0	8	305.0	6	247.0	6	208.0	6	174.0	8	135.0	8

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG THOMPSON R AT MOUTH OF CANYON, NR DRAKE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1960	3.20	2	5.10	2	11.00	2	15.00	9	15.00	4	17.00	5	18.00	5	22.00	8	32.00	10
1961	9.00	3	11.00	5	12.00	3	14.00	4	16.00	5	17.00	6	18.00	6	19.00	5	26.00	4
1962	12.00	11	16.00	15	18.00	15	19.00	14	25.00	15	31.00	16	32.00	16	33.00	16	39.00	16
1963	11.00	9	13.00	8	13.00	6	14.00	5	16.00	6	19.00	10	20.00	10	22.00	9	28.00	5
1964	13.00	13	14.00	10	15.00	10	15.00	6	16.00	7	17.00	7	18.00	7	21.00	6	32.00	11
1965	9.00	4	10.00	3	12.00	4	13.00	2	14.00	2	15.00	3	15.00	1	16.00	1	20.00	1
1966	13.00	14	14.00	11	15.00	11	15.00	7	16.00	8	18.00	8	21.00	11	24.00	12	36.00	14
1967	12.00	12	14.00	12	14.00	7	14.00	3	14.00	3	14.00	2	17.00	3	18.00	2	26.00	2
1968	20.00	16	23.00	16	23.00	16	24.00	16	25.00	16	25.00	15	26.00	15	27.00	15	38.00	15
1969	10.00	5	11.00	6	14.00	8	15.00	8	16.00	9	17.00	4	17.00	4	18.00	3	26.00	3
1970	0.20	1	0.20	1	0.20	1	0.23	1	0.45	1	13.00	1	16.00	2	18.00	4	35.00	13
1971	10.00	6	10.00	4	13.00	5	17.00	10	18.00	10	19.00	11	20.00	8	23.00	10	32.00	12
1972	11.00	10	13.00	9	17.00	12	19.00	15	19.00	13	20.00	12	22.00	13	24.00	13	31.00	8
1973	14.00	15	16.00	13	17.00	13	18.00	13	18.00	11	18.00	9	20.00	9	21.00	7	29.00	6
1974	10.00	7	12.00	7	14.00	9	17.00	11	20.00	14	21.00	14	22.00	14	24.00	14	30.00	7
1975	10.00	8	16.00	14	17.00	14	17.00	12	18.00	12	20.00	13	21.00	12	23.00	11	32.00	9

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
52.1	41.5	25.2	19.3	20.6	25.0	52.1	124	248	194	113	75.2
243	135	49.0	15.5	25.7	15.1	167	2057	11780	7879	177	308
15.6	11.6	7.00	3.94	5.07	3.89	12.9	45.4	109	88.8	13.3	17.6
0.53	0.65	-0.17	0.94	1.87	-0.24	0.78	1.63	1.20	0.45	0.32	1.31
0.30	0.28	0.28	0.20	0.25	0.16	0.25	0.37	0.44	0.46	0.12	0.23
5.26	4.19	2.54	1.95	2.08	2.53	5.27	12.5	25.0	19.6	11.4	7.59

06738000 BIG THOMPSON RIVER AT MOUTH OF CANYON, NEAR DRAKE, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.70	1.60	1.38	1.28	1.30	1.39	1.71	2.07	2.36	2.24	2.05	1.87
0.02	0.02	0.02	0.01	0.01	0.00	0.01	0.02	0.03	0.05	0.00	0.01
0.13	0.12	0.14	0.08	0.09	0.07	0.10	0.14	0.18	0.21	0.05	0.09
-0.01	-0.45	-1.04	0.49	1.16	-0.65	0.42	0.69	0.34	-0.38	0.22	0.67
0.08	0.08	0.10	0.07	0.07	0.05	0.06	0.07	0.08	0.10	0.02	0.05
8.11	7.64	6.60	6.10	6.22	6.65	8.14	9.88	11.3	10.7	9.78	8.91

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
82.7	214	14.6	0.49	0.18	-0.343

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.91	0.01	0.08	0.24	0.04	-0.309

06739500 BUCKHORN CREEK NEAR MASONVILLE, COLO.

LOCATION.--Lat 40°27'14", long 105°11'54", in SE¼ sec.26, T.6 N., R.70 W., Larimer County, on right bank 1.5 mi (2.4 km) upstream from Buckhorn Reservoir Dam and 2.5 mi (4.0 km) south of Masonville.

DRAINAGE AREA.--131 mi² (339 km²).

REMARKS.--Diversions above station for irrigation of about 500 acres (2.02 km²).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BUCKHORN CREEK NEAR MASONVILLE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1948		1	18	2	13	10	2	21	18	44	47	21	33	19	12	10	14	35	12	13	11	3	5	1				1							
1949			8	13	33	31	29	30	13	43	36	9	9	9	4	10	18	3	7	6	12	6	4	7	4	3	2	2	4	3	3	2	2		
1950						22	18	7	38	125	50	39	14	10	8	10	11	2	3	6	2														
1951						5	78	30	47	22	10	25	14	15	5	11	10	18	15	8	15	12	14	6	1	1		1			1		1		
1952									9	22	64	79	34	29	16	19	3	9	4	6	8	13	6	16	16	9	3	1							
1953								9	41	86	80	64	31	27	2	6	5	1	8	4	1														
1954			5	1	55	44	104	68	46	27	7	4	1	1								2													
1955				4	65	35	46	46	66	24	18	10	12	11	6	4	3	5	3	3	4														

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2922	100.0	12	4.1	148	835	28.6	24	130	21	60	2.0
1	0.10	1	2922	100.0	13	5.5	121	687	23.5	25	170	13	39	1.3
2	0.20	31	2921	100.0	14	7.3	53	566	19.4	26	220	5	26	.8
3	0.30	20	2890	98.9	15	9.7	70	513	17.6	27	300	5	21	.7
4	0.40	166	2870	98.2	16	13.0	64	443	15.2	28	400	4	16	.5
5	0.60	147	2704	92.5	17	17.0	73	379	13.0	29	530	3	12	.4
6	0.70	277	2557	87.5	18	23.0	52	306	10.5	30	700	4	9	.3
7	1.00	211	2280	78.0	19	30.0	46	254	8.7	31	930	2	5	.1
8	1.30	278	2069	70.8	20	40.0	53	208	7.1	32	1200	3	3	.1
9	1.70	393	1791	61.3	21	54.0	36	155	5.3	33				
10	2.30	312	1398	47.8	22	71.0	29	119	4.1	34				
11	3.10	251	1086	37.2	23	95.0	30	90	3.1					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BUCKHORN CREEK NEAR MASONVILLE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1948	344.0	3	180.0	4	106.0	4	64.0	4	46.0	4	42.0	4	35.0	4	28.0	4	20.0	4
1949	1310.0	1	1190.0	1	938.0	1	730.0	1	441.0	1	251.0	1	175.0	1	133.0	1	88.0	1
1950	46.0	7	42.0	7	37.0	5	29.0	6	21.0	5	14.0	5	10.0	5	8.4	5	6.2	6
1951	1240.0	2	808.0	2	423.0	2	227.0	2	126.0	3	72.0	3	69.0	3	58.0	3	41.0	3
1952	304.0	4	281.0	3	239.0	3	186.0	3	158.0	2	133.0	2	100.0	2	76.0	2	51.0	2
1953	40.0	8	38.0	8	35.0	6	26.0	7	18.0	6	12.0	6	9.7	6	8.1	6	6.5	5
1954	69.0	5	47.0	5	22.0	8	11.0	8	5.9	8	3.3	8	2.9	8	2.4	8	1.8	8
1955	53.0	6	44.0	6	33.0	7	30.0	5	18.0	7	11.0	7	8.5	7	7.1	7	5.1	7

06739500 BUCKHORN CREEK NEAR MASONVILLE, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BUCKHORN CREEK NEAR MASONVILLE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1949	0.11	1	0.17	1	0.19	1	0.19	1	0.23	1	0.40	1	0.54	1	0.58	1	0.60	1
1950	1.20	5	1.30	5	1.30	5	1.40	5	1.60	5	1.80	6	1.80	6	2.00	6	2.10	6
1951	0.61	4	0.60	4	0.60	4	0.61	4	0.63	4	0.69	4	0.86	4	1.00	4	1.00	4
1952	2.00	7	2.20	7	2.30	7	2.40	7	2.70	7	3.20	7	3.40	7	3.80	7	5.40	7
1953	1.30	6	1.50	6	1.50	6	1.60	6	1.70	6	1.80	5	1.80	5	1.90	5	2.00	5
1954	0.31	3	0.37	3	0.39	3	0.41	3	0.49	3	0.65	3	0.73	3	0.74	3	0.98	3
1955	0.21	2	0.20	2	0.26	2	0.40	2	0.44	2	0.48	2	0.57	2	0.69	2	0.93	2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.83	2.53	1.97	1.61	2.02	3.41	17.1	42.2	74.4	7.08	19.0	2.50
8.32	5.33	1.53	1.26	3.23	19.7	708	2621	21890	76.6	1755	6.28
2.88	2.31	1.24	1.12	1.80	4.44	26.6	51.2	148	8.75	41.9	2.51
2.29	1.90	1.41	1.20	1.13	2.43	2.32	1.97	2.70	2.73	2.75	1.56
1.02	0.91	0.63	0.70	0.89	1.30	1.56	1.21	1.99	1.24	2.21	1.00
1.60	1.43	1.12	0.91	1.14	1.93	9.68	23.9	42.1	4.01	10.7	1.42

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.31	0.28	0.23	0.12	0.15	0.29	0.74	1.27	1.22	0.69	0.62	0.20
0.13	0.12	0.07	0.09	0.16	0.23	0.63	0.47	0.71	0.12	0.53	0.21
0.35	0.34	0.26	0.30	0.40	0.48	0.79	0.69	0.84	0.34	0.73	0.46
0.78	0.64	0.24	0.32	0.29	0.36	-0.28	-0.51	0.19	1.83	1.28	-0.11
1.14	1.23	1.15	2.52	2.75	1.68	1.07	0.54	0.69	0.49	1.18	2.25
5.08	4.52	3.70	1.92	2.40	4.72	12.1	20.8	20.0	11.3	10.1	3.33

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
14.7	239	15.5	1.20	1.05	-0.168

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.92	0.28	0.53	0.02	0.58	0.199

06741000 COTTONWOOD CREEK NEAR PINEWOOD, COLO.

LOCATION.--Lat 40°22'40", long 105°14'07", in SW¼ sec.21, T.5 N., R.70 W., Larimer County, on right bank 1.5 mi (2.4 km) upstream from mouth, 2.5 mi (4.0 km) northeast of Pinewood, and 9 mi (14 km) west of Loveland.

DRAINAGE AREA.--15.1 mi² (39.1 km²).

REMARKS.--Diversion of Colorado-Big Thompson project water from Pinewood Lake (formerly Rattlesnake Reservoir) to Cottonwood Creek above station started July 31, 1953. Small diversions above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
COTTONWOOD CREEK NEAR PINEWOOD, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1948	96	40	89	21	14	4	11	22	12	4	16	6	18	3	4	3	2	1																	
1949	139	42	53	19	22	7	5	8	8	5	10	3	6	5	5	5	1		1	3	1	1		5	4	1	3	2			1				
1950	111	115	68	16	14	10	8	4	1	3	2	2	3	2		3	3																		
1951	56	89	44	28	16	9	21	23	23	9	9	10	8	5	4	1	2		3	1	1	1				1						1			
1952	25	31	26	53	22	29	23	32	26	4	15	12	11	9	3	5	6	7	12	4	9	2													

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	427	1827	100.0	12	2.1	46	182	10.0	24	30	4	13	.7
1	0.10	317	1400	76.6	13	2.7	24	136	7.4	25	37	2	9	.4
2	0.20	280	1083	59.3	14	3.3	16	112	6.1	26	46	3	7	.3
3	0.30	137	803	44.0	15	4.1	17	96	5.3	27	57	2	4	.2
4	0.40	88	666	36.5	16	5.2	14	79	4.3	28	72		2	.1
5	0.50	59	578	31.6	17	6.4	8	65	3.6	29	89		2	.1
6	0.60	68	519	28.4	18	8.0	16	57	3.1	30	110	1	2	.1
7	0.70	89	451	24.7	19	10.0	8	41	2.2	31	140	1	1	
8	0.90	70	362	19.8	20	12.0	11	33	1.8	32				
9	1.10	25	292	16.0	21	15.0	4	22	1.2	33				
10	1.40	52	267	14.6	22	19.0	0	18	1.0	34				
11	1.70	33	215	11.8	23	24.0	5	18	1.0					

06741000 COTTONWOOD CREEK NEAR PINEWOOD, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
COTTONWOOD CREEK NEAR PINEWOOD, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1948	6.9	4	5.3	4	3.5	5	2.8	5	2.3	4	2.1	4	1.7	4	1.3	4	1.0	4
1949	138.0	2	76.0	2	57.0	1	47.0	1	28.0	1	15.0	1	10.0	1	7.7	1	5.2	1
1950	6.1	5	5.3	5	3.9	4	3.2	4	1.9	5	1.2	5	0.9	5	0.7	5	0.5	5
1951	206.0	1	86.0	1	42.0	2	21.0	2	11.0	2	5.6	3	4.7	3	3.7	3	2.6	3
1952	15.0	3	14.0	3	13.0	3	11.0	3	8.3	3	7.2	2	5.5	2	4.3	2	3.0	2

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
COTTONWOOD CREEK NEAR PINEWOOD, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1949	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
1950	0.00	2	0.00	2	0.00	2	0.00	2	0.02	4	0.05	4	0.07	4	0.11	4	0.13	4
1951	0.00	3	0.00	3	0.00	3	0.00	3	0.00	2	0.00	2	0.01	2	0.01	2	0.05	2
1952	0.00	4	0.00	4	0.06	5	0.17	5	0.22	5	0.33	5	0.38	5	0.44	5	0.59	5
1953	0.00	5	0.00	5	0.00	4	0.00	4	0.00	3	0.03	3	0.05	3	0.06	3	0.09	3

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.38	0.29	0.13	0.14	0.30	0.60	1.76	2.89	6.59	0.37	2.20	0.10
0.22	0.12	0.02	0.02	0.03	0.31	3.94	8.76	135	0.26	21.8	0.02
0.47	0.35	0.13	0.14	0.18	0.56	1.98	2.96	11.6	0.51	4.67	0.15
1.28	1.75	1.01	0.87	-0.06	0.77	1.58	2.20	2.21	2.01	2.23	1.74
1.25	1.20	0.95	1.05	0.61	0.94	1.13	1.02	1.76	1.36	2.12	1.47
2.41	1.86	0.85	0.86	1.88	3.78	11.1	18.4	41.9	2.37	14.0	0.66

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
-0.54	-0.46	-0.69	-0.75	-0.62	-0.41	0.01	0.34	0.33	-0.75	-0.06	-0.98
0.57	0.18	0.22	0.35	0.13	0.21	0.26	0.11	0.49	0.36	0.49	0.63
0.76	0.43	0.47	0.60	0.36	0.45	0.51	0.33	0.70	0.60	0.70	0.80
-1.54	0.09	0.74	-0.33	-1.19	0.38	0.36	2.01	1.05	0.43	0.94	0.07
-1.42	-0.92	-0.68	-0.80	-0.57	-1.12	42.1	0.98	2.16	-0.80	-11.2	-0.81
11.7	10.1	15.0	16.3	13.6	8.89	-0.27	-7.34	-7.10	16.3	1.36	21.4

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.31	0.86	0.93	0.38	0.71	-0.757

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.00	0.15	0.39	-0.64	-1075	-0.672

06741500 BIG THOMPSON RIVER NEAR LOVELAND, COLO.

LOCATION.--Lat 40°23'53", long 105°06'21", in SE¼ sec.15, T.5 N., R.69 W., Larimer County, on left bank 100 ft (30 m) downstream from diversion dam for Loveland and Greeley Canal, 1,000 ft (300 m) downstream from unnamed tributary, and 1.7 mi (2.7 km) west of post office in Loveland.

DRAINAGE AREA.--509 mi² (1,318 km²).

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs, power developments, diversions for irrigation, and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG THOMPSON RIVER NEAR LOVELAND, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1949	166					1	2			1	6	8	4	2	9	14	21	15	14	14	12	15	12	8	17	1	2	2	2	7	6	2	2		
1950	58	54	13	17	9	13	6	5	2	4	2	5	15	6	15	21	25	12	13	8	12	36	11	3											
1951	73			31		16	2	20	14	18	5	4	2	6	12	21	12	6	9	12	34	30	16	13	1	1	1	1	4			1			
1952	19			1		14	4	6	14	13	29	7	12	7	10	20	9	9	28	22	29	24	35	8	13	6	10	13	3	1					
1953	1	48	42	61	12	2	1			2	3	11	7	13	10	2	3	6	20	14	15	38	40	14											
1954		104	31	23	1		1	2	3	2	2	2	2	6	8	6	11	21	23	28	24	18	17	21	7	2									
1955	121		9	16		6		10		2		3	3	16	9	2	7	3	8	26	18	37	29	24	15	1									

06741500 BIG THOMPSON RIVER NEAR LOVELAND, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG THOMPSON RIVER NEAR LOVELAND, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	438	2556	100.0	12	5.4	45	1373	53.7	24	220	53	121	4.7
1	0.10	206	2118	82.9	13	7.4	56	1328	52.0	25	290	11	68	2.6
2	0.20	95	1912	74.8	14	10.0	73	1272	49.8	26	400	13	57	2.2
3	0.30	149	1817	71.1	15	14.0	86	1199	46.9	27	540	16	44	1.7
4	0.50	22	1668	65.3	16	18.0	88	1113	43.5	28	740	9	28	1.0
5	0.60	52	1646	64.4	17	25.0	72	1025	40.1	29	1000	8	19	.7
6	0.90	16	1594	62.4	18	34.0	115	953	37.3	30	1400	6	11	.4
7	1.20	43	1578	61.7	19	46.0	124	838	32.8	31	1900	3	5	.1
8	1.60	33	1535	60.1	20	63.0	144	714	27.9	32	2500	2	2	
9	2.20	42	1502	58.8	21	86.0	198	570	22.3	33				
10	2.90	47	1460	57.1	22	120.0	160	372	14.6	34				
11	4.00	40	1413	55.3	23	160.0	91	212	8.3					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG THOMPSON RIVER NEAR LOVELAND, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1949	2780.0	1	2370.0	1	1810.0	1	1690.0	1	1120.0	1	661.0	1	469.0	1	363.0	1	241.0	1
1950	172.0	7	169.0	7	150.0	7	130.0	7	119.0	7	97.0	7	83.0	7	67.0	7	47.0	7
1951	2170.0	2	1320.0	2	956.0	2	516.0	3	309.0	3	215.0	3	180.0	3	151.0	3	102.0	4
1952	1080.0	3	913.0	3	773.0	3	676.0	2	517.0	2	387.0	2	296.0	2	245.0	2	181.0	2
1953	211.0	6	198.0	6	188.0	6	176.0	6	150.0	6	137.0	6	127.0	6	114.0	5	79.0	6
1954	335.0	4	308.0	4	258.0	4	224.0	5	186.0	5	153.0	5	133.0	5	114.0	6	84.0	5
1955	317.0	5	266.0	5	248.0	5	232.0	4	190.0	4	161.0	4	142.0	4	138.0	4	103.0	3

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG THOMPSON RIVER NEAR LOVELAND, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1949	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	4.30	4
1950	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.08	3	0.21	4	0.19	3	1.80	1
1951	0.00	3	0.00	3	0.00	3	0.00	3	0.25	6	0.42	6	0.42	5	0.54	5	3.60	2
1952	0.00	4	0.00	4	0.00	4	0.00	4	1.20	7	5.40	7	6.60	7	9.40	7	12.00	7
1953	0.11	7	0.10	6	0.10	6	0.13	7	0.21	5	0.26	5	0.47	6	0.81	6	4.30	5
1954	0.00	5	0.10	7	0.10	7	0.10	6	0.10	4	0.10	4	0.10	3	0.13	2	3.70	3
1955	0.00	6	0.00	5	0.00	5	0.00	5	0.00	3	0.06	2	0.04	2	0.24	4	5.00	6

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
15.3	3.99	1.62	5.21	0.61	3.03	13.5	97.6	300	140	123	43.8
39.1	8.96	9.90	167	1.32	49.8	666	11940	141400	2056	7682	280
6.25	2.99	3.15	12.9	1.15	7.06	25.8	109	376	45.3	87.6	16.7
-0.63	1.23	2.44	2.64	2.42	2.63	2.52	2.30	2.23	0.12	1.52	-0.23
0.41	0.75	1.95	2.48	1.87	2.33	1.91	1.12	1.25	0.32	0.72	0.38
2.05	0.53	0.22	0.70	0.08	0.41	1.81	13.1	40.2	18.7	16.4	5.87

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.14	0.45	-0.12	-0.16	-0.35	-0.21	0.51	1.83	2.28	2.12	1.98	1.61
0.05	0.21	0.44	0.71	0.39	0.62	0.80	0.13	0.16	0.02	0.13	0.03
0.23	0.46	0.66	0.84	0.63	0.79	0.89	0.35	0.40	0.15	0.37	0.19
-1.37	-1.49	0.00	1.52	-0.39	1.11	-0.31	1.51	1.59	-0.18	-1.10	-0.56
0.20	1.01	-5.58	-5.27	-1.77	-3.77	1.76	0.19	0.18	0.07	0.19	0.12
10.3	4.09	-1.07	-1.44	-3.18	-1.88	4.57	16.5	20.5	19.2	17.9	14.5

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
62.4	1204	34.7	1.06	0.56	-0.510

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.74	0.06	0.23	0.21	0.13	-0.549

06742000 LITTLE THOMPSON RIVER NEAR BERTHOUD, COLO.

LOCATION.--Lat 40°15'30", long 105°12'15", in NW¼ sec.2, T.3 N., R.70 W., Boulder County, on left bank at mouth of canyon, 7.5 mi (12 km) southwest of Berthoud.

DRAINAGE AREA.--101 mi² (262 km²).

REMARKS.--One small diversion above station. Inflow from Colorado-Big Thompson project above station May 16, 1953, to Apr. 25, 1957. Statistical summaries are shown for two periods, water years 1930, 1948-52, 1958-61 and water years 1954-56.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LITTLE THOMPSON RIVER NEAR BERTHOUD, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1930			1	10	34	6	4	38	12	11	15	55	35	18	26	19	30	8	17	11	2	2	1	1	1	5	1	1			1				
1948	1	29	11	8	22	18	6	6	18	29	13	15	19	22	24	21	22	12	20	24	17	9													
1949	7	50	54	30	13	21	12	22	10	11	12	7	4	11	9	9	14	10	8	5	5	6	4	3	10	2	1	2	3	5	2	1	2		
1950		8	21	31	38	97	60	21	7	7	8	5	14	6	8	6	2	5	3	4	3	5	6												
1951	3	30	34	11	22	18	23	27	31	14	9	15	11	17	5	5	9	13	18	8	5	7	15	5	5	4	1								
1952			1	12	23	33	2	2	10	31	59	34	25	29	6	4	8	10	15	5	7	7	13	7	3	13	7								
1958							16	40	53	102	23	2	7	14	5	5	2	16	15	9	4	5	13	6	10	4	4	4	4	1	1				
1959			2	5	14	9	3	46	111	36	32	4	4	9	4	5	8	7	12	7	4	12	15	8	3	4	1								
1960				13	13	7	2	13	42	70	11	20	36	13	25	22	27	20	6	5	4	6	2	3	6										
1961				5		45	83	18			1		7	27	19	12	13	20	18	16	27	12	7	12	9	6	3	4			1				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	11	3653	100.0	12	3.8	162	1454	39.8	24	110	47	135	3.6
1	0.10	117	3642	99.7	13	5.0	166	1292	35.4	25	140	38	88	2.4
2	0.20	124	3525	96.5	14	6.6	131	1126	30.8	26	190	18	50	1.3
3	0.30	125	3401	93.1	15	8.7	108	995	27.2	27	250	11	32	.8
4	0.40	179	3276	89.7	16	11.0	135	887	24.3	28	330	7	21	.5
5	0.50	254	3097	84.8	17	15.0	121	752	20.6	29	430	6	14	.3
6	0.70	211	2843	77.8	18	20.0	132	631	17.3	30	570	5	8	.2
7	0.90	233	2632	72.1	19	27.0	94	499	13.7	31	760	1	3	
8	1.20	294	2399	65.7	20	35.0	78	405	11.1	32	1000	2	2	
9	1.60	311	2105	57.6	21	46.0	71	327	9.0	33				
10	2.20	183	1794	49.1	22	61.0	76	256	7.0	34				
11	2.80	157	1611	44.1	23	81.0	45	180	4.9					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LITTLE THOMPSON RIVER NEAR BERTHOUD, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1930	584.0	4	355.0	4	256.0	3	151.0	5	92.0	5	54.0	7	36.0	7	29.0	7	22.0	7
1948	60.0	10	58.0	10	54.0	10	48.0	10	42.0	9	34.0	9	29.0	8	24.0	8	17.0	8
1949	1700.0	1	1170.0	1	816.0	1	596.0	1	346.0	1	201.0	1	139.0	1	106.0	1	70.0	1
1950	79.0	9	75.0	9	62.0	9	57.0	9	38.0	10	22.0	10	15.0	10	12.0	10	7.8	10
1951	215.0	6	165.0	7	148.0	7	112.0	6	92.0	6	62.0	6	46.0	6	39.0	6	27.0	5
1952	240.0	5	232.0	5	221.0	5	196.0	3	140.0	4	107.0	4	78.0	4	60.0	4	40.0	4
1958	734.0	2	530.0	2	397.0	2	327.0	2	226.0	2	143.0	2	103.0	2	79.0	2	53.0	2
1959	190.0	7	182.0	6	156.0	6	111.0	7	73.0	7	69.0	5	51.0	5	39.0	5	26.0	6
1960	136.0	8	132.0	8	123.0	8	93.0	8	62.0	8	37.0	8	29.0	9	22.0	9	15.0	9
1961	700.0	3	377.0	3	232.0	4	176.0	4	167.0	3	111.0	3	85.0	3	69.0	3	51.0	3

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LITTLE THOMPSON RIVER NEAR BERTHOUD, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1949	0.00	1	0.00	1	0.03	1	0.06	1	0.08	1	0.11	1	0.15	1	0.17	1	0.17	1
1950	0.31	7	0.30	7	0.30	6	0.34	5	0.38	4	0.47	4	0.53	4	0.60	4	0.60	4
1951	0.11	4	0.10	3	0.10	2	0.11	2	0.15	2	0.21	2	0.28	2	0.38	3	0.38	2
1952	0.00	2	0.00	2	0.16	3	0.76	7	1.10	8	2.10	8	2.10	8	2.30	8	3.00	7
1953	0.00	3	0.20	4	0.20	4	0.20	3	0.26	3	0.30	3	0.30	3	0.33	2	0.40	3
1959	0.91	8	0.90	8	0.93	8	0.97	8	1.00	7	1.20	7	1.30	7	1.30	6	1.30	6
1960	0.21	5	0.30	5	0.33	7	0.36	6	0.41	5	0.75	6	1.20	6	2.20	7	3.70	8
1961	0.31	6	0.30	6	0.30	5	0.30	4	0.43	6	0.54	5	0.59	5	0.65	5	0.76	5

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.86	2.91	1.49	1.00	1.52	5.70	30.3	75.2	64.3	5.39	12.5	5.20
9.25	7.70	0.96	0.47	1.43	26.7	748	3868	10460	33.9	707	94.0
3.04	2.78	0.98	0.69	1.20	5.17	27.3	62.2	102	5.82	26.6	9.69
1.05	0.81	0.07	0.47	1.78	0.97	1.04	1.52	2.76	1.58	2.84	1.96
1.06	0.95	0.66	0.69	0.79	0.91	0.90	0.83	1.59	1.08	2.13	1.86
1.37	1.40	0.72	0.48	0.73	2.74	14.5	36.1	30.9	2.59	6.00	2.50

06742000 LITTLE THOMPSON RIVER NEAR BERTHOUD, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.17	0.23	0.04	-0.14	0.06	0.55	1.26	1.73	1.50	0.54	0.39	0.04
0.32	0.27	0.18	0.18	0.13	0.23	0.27	0.16	0.26	0.16	0.63	0.61
0.57	0.52	0.42	0.42	0.35	0.48	0.52	0.40	0.51	0.41	0.80	0.78
-0.03	-0.20	-0.98	-1.15	-0.44	-0.28	-0.74	-0.40	0.81	0.82	0.86	0.88
3.28	2.31	12.0	-3.07	5.61	0.87	0.41	0.23	0.34	0.75	2.04	20.9
2.70	3.55	0.55	-2.14	0.99	8.66	19.8	27.2	23.5	8.52	6.13	0.59

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
17.4	95.4	9.77	0.59	0.56	-0.525

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.17	0.08	0.27	-0.58	0.23	-0.527

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LITTLE THOMPSON RIVER NEAR BERTHOUD, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1954	6	9	12	11	32	27	32	29	30	20	8	7	9	4	13	6	10	3	3	2	8	2	2	6		1	23	29	12	3	3	3			
1955	19	137	75	4		2		1	1	1	1	1	1			2	1	2	1		2	2	1	12	8	34	24	25	8						
1956	7	18	97	15	8	8	4	10	19	4	13	8	6	8	6		6	3	1		1		2	9	22	21	26	24	19		1				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	32	1096	100.0	12	2.0	16	420	38.3	24	27	30	286	26.0
1	0.10	164	1064	97.1	13	2.5	12	404	36.9	25	33	56	256	23.3
2	0.20	184	900	82.1	14	3.1	19	392	35.8	26	41	73	200	18.2
3	0.30	30	716	65.3	15	3.9	8	373	34.0	27	51	78	127	11.5
4	0.40	40	686	62.6	16	4.8	17	365	33.3	28	63	39	49	4.4
5	0.50	37	646	58.9	17	5.9	8	348	31.8	29	78	3	10	.9
6	0.60	36	609	55.6	18	7.3	5	340	31.0	30	97	4	7	.6
7	0.70	40	573	52.3	19	9.1	2	335	30.6	31	120	3	3	.2
8	0.90	50	533	48.6	20	11.0	11	333	30.4	32				
9	1.10	25	483	44.1	21	14.0	4	322	29.4	33				
10	1.30	22	458	41.8	22	17.0	5	318	29.0	34				
11	1.60	16	436	39.8	23	22.0	27	313	28.6					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LITTLE THOMPSON RIVER NEAR BERTHOUD, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1954	122.0	1	121.0	1	114.0	1	69.0	1	60.0	1	54.0	1	41.0	2	32.0	3	21.0	3
1955	67.0	3	65.0	3	63.0	3	58.0	3	51.0	3	44.0	3	41.0	3	39.0	2	27.0	2
1956	97.0	2	79.0	2	70.0	2	63.0	2	60.0	2	54.0	2	49.0	1	46.0	1	31.0	1

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LITTLE THOMPSON RIVER NEAR BERTHOUD, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1955	0.00	1	0.00	1	0.00	1	0.00	1	0.04	1	0.07	1	0.10	1	0.12	1	0.14	1
1956	0.00	2	0.00	2	0.00	2	0.05	2	0.10	2	0.16	2	0.17	2	0.20	2	0.36	2
1957	0.21	3	0.20	3	0.23	3	0.24	3	0.29	3	0.35	3	0.41	3	0.59	3	1.30	3

06743500 LITTLE THOMPSON RIVER AT MILLIKEN, COLO.

LOCATION.--Lat 40°20'07", long 104°51'53", in SW¼SW¼ sec.2, T.4 N., R.67 W., Weld County, on right bank 600 ft (180 m) downstream from bridge on State Highway 257, 0.4 mi (0.6 km) northwest of Milliken, and 0.9 mi (1.4 km) upstream from mouth.

DRAINAGE AREA.--198 mi^2 (513 km^2).

REMARKS.--Practically all flow is diverted for irrigation above station and considerable water for irrigation above station is imported to the basin. Flow is mainly return water from irrigated areas.

06743500 LITTLE THOMPSON RIVER AT MILLIKEN, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LITTLE THOMPSON RIVER AT MILLIKEN, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1952								2	1	1	1	1				2	2	1	1	21	44	83	58	68	24	13	2	1	11	4	8	5	2	9	1
1953				2	2			1		1		4	3	4	3	8	4	4	29	54	104	70	50	14	5	3									
1954													4	3	1	24	21	32	73	94	73	20	7	5		5	2	1							
1955		1	2			1				1	1	2	2	8	6	8	29	27	75	108	52	23	9	6	1		2		1						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1461	100.0	12	7.4	9	1437	98.4	24	46	30	100	6.8
1	1.40	1	1461	100.0	13	8.6	15	1428	97.7	25	53	21	70	4.7
2	1.60	2	1460	99.9	14	10.0	10	1413	96.7	26	62	6	49	3.3
3	1.90	2	1458	99.8	15	12.0	42	1403	96.0	27	72	2	43	2.9
4	2.20	2	1456	99.7	16	14.0	56	1361	93.2	28	84	12	41	2.8
5	2.60	1	1454	99.5	17	16.0	64	1305	89.3	29	97	4	29	1.9
6	3.00	0	1453	99.5	18	18.0	178	1241	84.9	30	110	8	25	1.7
7	3.50	3	1453	99.5	19	21.0	277	1063	72.8	31	130	5	17	1.1
8	4.00	1	1450	99.2	20	25.0	273	786	53.8	32	150	2	12	.8
9	4.70	3	1449	99.2	21	29.0	196	513	35.1	33	180	9	10	.6
10	5.50	2	1446	99.0	22	34.0	124	317	21.7	34	210	1	1	
11	6.40	7	1444	98.8	23	39.0	93	193	13.2					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LITTLE THOMPSON RIVER AT MILLIKEN, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1952	225.0	1	212.0	1	202.0	1	164.0	1	134.0	1	103.0	1	84.0	1	73.0	1	59.0	1
1953	58.0	4	53.0	4	45.0	4	38.0	3	34.0	2	32.0	2	30.0	2	30.0	2	28.0	2
1954	80.0	3	59.0	3	47.0	3	38.0	4	32.0	3	30.0	3	28.0	3	27.0	3	23.0	3
1955	95.0	2	67.0	2	51.0	2	41.0	2	32.0	4	27.0	4	25.0	4	23.0	4	23.0	4

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LITTLE THOMPSON RIVER AT MILLIKEN, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1953	3.50	2	4.10	2	4.70	1	9.60	1	20.00	3	24.00	3	25.00	3	26.00	3	27.00	3
1954	2.00	1	2.20	1	4.70	2	10.00	2	14.00	1	16.00	1	21.00	2	21.00	2	21.00	1
1955	7.70	3	8.70	3	9.10	3	11.00	3	14.00	2	16.00	2	18.00	1	20.00	1	22.00	2

06744000 BIG THOMPSON RIVER AT MOUTH, NEAR LA SALLE, COLO.

LOCATION.--Lat 40°21'00", long 104°47'04", in SW¼SE¼ sec.33, T.5 N., R.66 W., Weld County, on left bank just southeast of gage on Evans Town ditch, 0.7 mi (1.1 km) upstream from highway bridge, 1.6 mi (2.6 km) upstream from mouth, and 4.2 mi (6.8 km) west of La Salle.

DRAINAGE AREA.--828 mi^2 (2,145 km^2).

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs, power developments, diversions for irrigation of about 95,000 acres (384 km^2) above station, and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG THOMPSON RIVER AT MOUTH, NEAR LA SALLE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1915												19		21	6	10	21	40	134	53	17	7	7	10	5	3	10	2							
1928										1	3	2	10	4	2	9	45	60	65	77	50	18	11	4	3	2									
1929										2	3	5	8	8	8	7	47	46	100	71	55	1		2		2									
1930									21	10	2		12	3	9	21	19	51	46	71	72	21	1	1	4		1								
1931							2		21	21	16	8	24	16	4	11	18	17	78	101	25	3													
1932							33		27	19	17	16	9	15	17	12	22	41	89	45	1	1	1		1										
1933							7		38	25	17	3	12	15	16	20	62	75	43	8	12	9	3												
1934	83						20		30	11	9	7	5	3		2	8	98	76	10	3														
1935	22						76		18	20	4	16	35	15	22	41	57	7	7	3	2	7	3	4	6										
1936										8	9	18	30	40	21	10	45	93	43	39	7	1	1	1											
1937										12	19	57	30	15	11	9	23	39	65	82	1	2													
1938										3	10	13	14	22	35	25	25	82	81	26	7	5	1	3	2	3	3	1	1	1	1	1			
1939								2	11	23	21	23	14	13	10	13	19	15	77	65	59														
1940					1	1	8	32	29	39	30	10	9	18	17	13	43	62	52	2															

06744000 BIG THOMPSON RIVER AT MOUTH, NEAR LA SALLE, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG THOMPSON RIVER AT MOUTH, NEAR LA SALLE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1941								1	5	14	18	14	11	28	27	22	50	90	61	11	4	3	4		1	1									
1942								1	1	5	4	6	5	9	19	25	30	60	64	63	22	10	9	8	10	12	2								
1943													6	3	3	21	36	35	125	40	60	10	3	1	3	4	14	1							
1944												15	31	14	11	7	22	72	108	33	18	10	10	9	6										
1945										1	5	10	20	8	14	26	57	67	114	34	4	4		1											
1946											1	29	35	20	27	15	29	132	47	25	2		2				1								
1947					1	1	1	3		5	2	1	4	2	11	14	30	49	84	83	35	4	7	10	3	2	1	2	6	4					
1948	6						1	3		1		1		11	26	20	44	25	49	47	102	25	5												
1949							2	6	4	3	1	2	4	16	20	22	19	98	90	27	10	11	6		1		1	1	1	2	13	4	1		
1950									1	1	5	3	9	14	33	37	63	75	59	64	1														
1951											10	19	3		5	11	23	95	128	49	10	3	1			2	2	2			1	1			
1952																	12	19	46	95	102	35	15	3	4	9	11	10	5						
1953												1		2		4	23	55	105	115	22	23	15												
1954						4	1	8	8	7	8	2	9	3	27	14	16	58	80	72	12	8	24	4											
1955									3	7	10	11	12	2	24	13	11	100	114	16	13	11	13	3		2									
1956								1	3	3	3	2	9	8	29	28	28	130	62	35	6	4	13	1	1										
1957															1	10	2	62	57	92	28	36	28	17	8	10	4	4	4	1	1				
1958																2	6	6	35	78	68	62	38	26	11	2	4	1	5	18	3				
1959													1	1	2	2	4	14	35	115	131	13	5	30	3	2	4	3								
1960										2	3	2	3	3	5	12	30	34	44	76	94	54	3	1												
1961														1	4	2	6	5	45	105	97	42	17	9	6	7	7	2	8	1	1				
1962																2	9	6	18	20	48	95	85	42	21	16	3								
1963						3	5		1	2	3	1	3	2	5	7	22	21	57	81	68	66	10	6		2									
1964		1	1		1	1	3		1	5	8	2	2	1	4	13	26	40	71	70	98	10	6	2											
1965											5	6	5	8	8	12	9	16	106	88	71	12	3	5	6	1	1	2		1					
1966									4	4	2	10	5	6	10	20	16	40	49	52	60	72	15												
1967					2	1		2	4	1	2	3	1	2	20	9	6	21	89	87	69	19	20	5	2										
1968										1	3	1	2		8	13	27	24	83	115	68	8	11	2											
1969								1	8	2		1	1	9	4	11	12	27	116	89	42	5	13	6	3	3	5	3	3			1			
1970															1	1	1	5	14	63	102	127	22	6	3	2	3	9	4	2					
1971																			3	80	138	54	16	16	9	8	24	15	2						
1972								1		1	4		3	5	9	12	15	9	48	93	90	62	11	1		1		1							
1973																	5	5	28	83	144	47	10	2	6	5	3	13	10	4					
1974																1	1	8	22	68	125	49	63	12	13	2	1								
1975																4	4	3	14	122	117	36	18	31	2	6	3	5							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	111	17897	100.0	12	5.8	396	16455	91.9	24	250	143	548	3.0
1	0.10	1	17786	99.4	13	7.9	386	16059	89.7	25	340	109	405	2.2
2	0.20	1	17785	99.4	14	11.0	535	15673	87.6	26	460	108	296	1.6
3	0.30	0	17784	99.4	15	15.0	615	15138	84.6	27	630	77	188	1.0
4	0.50	5	17784	99.4	16	20.0	1148	14523	81.1	28	860	49	111	.6
5	0.70	11	17779	99.3	17	28.0	2232	13375	74.7	29	1200	34	62	.3
6	0.90	159	17768	99.3	18	38.0	3226	11143	62.3	30	1600	20	28	.1
7	1.20	61	17609	98.4	19	52.0	3039	7917	44.2	31	2200	7	8	
8	1.70	238	17548	98.0	20	70.0	2392	4878	27.3	32	3000	1	1	
9	2.30	259	17310	96.7	21	96.0	1105	2486	13.9	33				
10	3.10	257	17051	95.3	22	130.0	549	1381	7.7	34				
11	4.20	339	16794	93.8	23	180.0	284	832	4.6					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG THOMPSON RIVER AT MOUTH, NEAR LA SALLE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1915	667.0	17	625.0	16	579.0	15	465.0	15	330.0	14	241.0	12	177.0	13	145.0	13	111.0	14
1928	363.0	27	272.0	28	196.0	28	157.0	27	120.0	28	102.0	26	94.0	25	77.0	27	63.0	31
1929	375.0	26	312.0	24	202.0	26	120.0	34	78.0	39	74.0	37	71.0	35	65.0	35	58.0	34
1930	488.0	22	376.0	21	283.0	21	183.0	23	112.0	30	90.0	30	80.0	30	73.0	29	66.0	28
1931	103.0	45	101.0	44	87.0	43	74.0	42	71.0	40	66.0	39	64.0	37	61.0	36	57.0	35
1932	266.0	33	175.0	35	108.0	41	63.0	45	59.0	44	55.0	42	51.0	42	47.0	40	41.0	41
1933	146.0	42	139.0	41	117.0	39	106.0	36	89.0	35	53.0	43	41.0	48	36.0	48	34.0	47
1934	73.0	47	71.0	47	68.0	46	61.0	47	51.0	48	45.0	48	45.0	46	43.0	44	39.0	44
1935	328.0	29	290.0	26	274.0	22	186.0	22	118.0	29	82.0	33	58.0	38	44.0	43	34.0	48
1936	240.0	34	127.0	43	98.0	42	67.0	43	53.0	47	51.0	44	45.0	47	40.0	46	37.0	45
1937	117.0	44	77.0	46	67.0	47	64.0	44	61.0	41	60.0	40	57.0	39	51.0	38	47.0	38
1938	2610.0	3	1970.0	2	1250.0	3	770.0	8	434.0	10	224.0	14	155.0	17	123.0	17	86.0	19
1939	81.0	46	81.0	45	80.0	44	80.0	40	79.0	38	77.0	36	72.0	34	66.0	33	60.0	33
1940	60.0	49	47.0	49	44.0	49	42.0	49	40.0	49	38.0	49	34.0	49	34.0	49	28.0	49
1941	357.0	28	205.0	31	137.0	35	88.0	39	60.0	42	49.0	46	46.0	44	38.0	47	34.0	46
1942	539.0	19	487.0	18	436.0	18	389.0	17	322.0	16	216.0	16	165.0	16	137.0	15	105.0	16
1943	664.0	18	618.0	17	577.0	16	552.0	12	396.0	11	230.0	13	168.0	15	133.0	16	101.0	17
1944	280.0	31	273.0	27	262.0	23	231.0	20	178.0	21	127.0	21	99.0	23	87.0	24	69.0	26
1945	237.0	36	150.0	39	77.0	45	61.0	48	56.0	45	51.0	45	48.0	43	45.0	42	40.0	42
1946	469.0	23	262.0	29	141.0	34	76.0	41	56.0	46	47.0	47	45.0	45	42.0	45	39.0	43
1947	1560.0	8	1470.0	5	1240.0	4	931.0	5	574.0	7	333.0	9	237.0	9	184.0	9	136.0	11
1948	174.0	41	141.0	40	115.0	40	101.0	37	91.0	34	83.0	32	77.0	32	70.0	31	73.0	25
1949	3150.0	1	2680.0	1	2280.0	1	2240.0	1	1500.0	1	796.0	1	540.0	1	410.0	2	279.0	2
1950	70.0	48	65.0	48	64.0	48	62.0	46	60.0	43	57.0	41	52.0	41	48.0	39	44.0	39

06744000 BIG THOMPSON RIVER AT MOUTH, NEAR LA SALLE, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG THOMPSON RIVER AT MOUTH, NEAR LA SALLE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1951	2880.0	2	1910.0	3	1140.0	7	600.0	11	330.0	15	189.0	17	141.0	18	115.0	19	82.0	22
1952	960.0	13	893.0	13	792.0	12	701.0	10	488.0	9	420.0	5	308.0	5	249.0	6	190.0	6
1953	179.0	40	170.0	36	146.0	33	141.0	30	129.0	23	94.0	29	81.0	29	70.0	32	61.0	32
1954	240.0	35	220.0	30	189.0	29	169.0	24	141.0	22	107.0	24	83.0	28	65.0	34	52.0	36
1955	380.0	25	300.0	25	202.0	27	163.0	25	128.0	24	84.0	31	67.0	36	58.0	37	50.0	37
1956	324.0	30	197.0	32	166.0	30	134.0	31	86.0	36	69.0	38	53.0	40	46.0	41	41.0	40
1957	1960.0	5	1470.0	6	1050.0	8	862.0	7	565.0	8	388.0	7	299.0	7	257.0	5	193.0	5
1958	1640.0	7	1590.0	4	1540.0	2	1510.0	2	1290.0	2	701.0	2	500.0	2	428.0	1	305.0	1
1959	742.0	15	701.0	15	598.0	14	427.0	16	261.0	18	158.0	18	169.0	14	144.0	14	118.0	12
1960	231.0	37	151.0	38	124.0	38	117.0	35	100.0	32	97.0	28	92.0	27	86.0	25	77.0	24
1961	1780.0	6	1440.0	7	1230.0	5	983.0	4	681.0	5	413.0	6	300.0	6	246.0	7	185.0	7
1962	502.0	21	473.0	19	432.0	19	378.0	18	367.0	12	259.0	11	204.0	10	175.0	11	153.0	9
1963	458.0	24	354.0	23	213.0	25	149.0	28	121.0	27	115.0	23	107.0	22	97.0	22	85.0	20
1964	202.0	39	179.0	34	135.0	36	95.0	38	84.0	37	80.0	34	79.0	31	76.0	28	68.0	27
1965	1480.0	9	1000.0	12	552.0	17	340.0	19	196.0	19	151.0	19	115.0	21	103.0	21	79.0	23
1966	139.0	43	134.0	42	132.0	37	130.0	33	126.0	25	123.0	22	117.0	20	108.0	20	93.0	18
1967	279.0	32	187.0	33	164.0	31	148.0	29	125.0	26	100.0	27	94.0	26	86.0	26	65.0	29
1968	220.0	38	161.0	37	148.0	32	132.0	32	92.0	33	80.0	35	75.0	33	71.0	30	65.0	30
1969	2480.0	4	1400.0	8	861.0	10	488.0	14	266.0	17	264.0	10	188.0	12	165.0	12	118.0	13
1970	1340.0	10	1190.0	10	1020.0	9	893.0	6	583.0	6	335.0	8	260.0	8	217.0	8	171.0	8
1971	1130.0	12	1030.0	11	796.0	11	747.0	9	685.0	4	549.0	3	406.0	3	329.0	3	249.0	3
1972	726.0	16	362.0	22	253.0	24	161.0	26	111.0	31	104.0	25	97.0	24	94.0	23	83.0	21
1973	1280.0	11	1260.0	9	1140.0	6	985.0	3	790.0	3	532.0	4	383.0	4	305.0	4	230.0	4
1974	514.0	20	461.0	20	333.0	20	229.0	21	183.0	20	144.0	20	135.0	19	121.0	18	108.0	15
1975	807.0	14	786.0	14	700.0	13	514.0	13	335.0	13	219.0	15	198.0	11	181.0	10	145.0	10

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG THOMPSON RIVER AT MOUTH, NEAR LA SALLE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1915	4.00	35	4.00	33	5.10	31	6.80	30	7.30	16	9.80	14	15.00	14	21.00	15	28.00	16
1928	1.00	10	2.00	19	2.90	20	3.40	12	11.00	23	21.00	28	19.00	17	23.00	18	26.00	13
1929	3.00	30	4.00	34	5.00	29	5.60	25	11.00	24	27.00	32	37.00	32	47.00	34	51.00	31
1930	3.00	31	3.70	29	4.10	24	5.20	21	15.00	33	27.00	33	25.00	22	30.00	23	36.00	22
1931	2.00	20	2.00	20	2.00	12	2.40	9	2.80	7	7.00	8	13.00	12	20.00	14	38.00	24
1932	1.00	11	1.30	13	1.90	10	1.90	7	2.90	8	4.40	5	5.30	4	9.70	4	13.00	6
1933	1.00	12	1.00	10	1.00	3	1.00	3	1.00	2	1.50	2	10.00	9	12.00	6	12.00	5
1934	1.00	13	1.70	14	1.90	11	2.10	8	3.30	9	11.00	15	12.00	10	14.00	8	24.00	11
1935	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.40	1	1.40	1
1936	0.00	2	0.33	4	0.72	2	0.79	2	1.50	3	5.80	6	8.30	7	16.00	9	26.00	12
1937	2.30	25	2.80	24	2.80	18	3.40	13	5.40	13	8.20	11	19.00	18	22.00	16	20.00	9
1938	2.40	26	2.70	22	2.90	21	4.00	17	4.50	11	7.50	9	7.40	5	11.00	5	11.00	4
1939	2.60	28	2.90	25	3.10	22	5.40	23	9.20	22	14.00	16	15.00	13	17.00	11	60.00	36
1940	1.00	14	1.10	11	1.40	7	1.80	5	1.80	5	2.10	3	2.60	2	3.70	2	8.30	3
1941	0.61	6	0.80	7	1.10	4	1.30	4	1.60	4	2.40	4	5.30	3	8.70	3	7.30	2
1942	1.40	17	1.90	17	2.30	15	3.40	14	4.90	12	7.60	10	9.30	8	13.00	7	22.00	10
1943	14.00	42	14.00	41	15.00	40	15.00	38	16.00	34	20.00	25	31.00	28	38.00	29	49.00	30
1944	5.90	38	6.90	37	7.20	36	13.00	36	17.00	35	18.00	21	22.00	20	28.00	20	34.00	20
1945	4.60	36	4.70	36	4.90	28	5.40	24	6.00	14	6.50	7	8.20	6	16.00	10	27.00	14
1946	3.00	29	3.70	30	4.70	27	6.00	27	13.00	29	18.00	22	27.00	24	28.00	21	30.00	17
1947	3.40	32	4.30	35	4.60	26	5.30	22	6.40	15	9.70	13	12.00	11	18.00	12	18.00	7
1948	0.61	7	0.74	5	2.30	16	7.70	31	19.00	36	24.00	29	35.00	30	48.00	35	54.00	34
1949	0.00	3	0.00	2	7.90	37	11.00	33	14.00	30	15.00	20	18.00	16	22.00	17	27.00	15
1950	1.00	15	1.10	12	1.30	5	4.40	20	12.00	25	14.00	17	30.00	27	37.00	28	39.00	25
1951	2.20	22	3.10	27	5.10	30	6.70	29	12.00	26	14.00	18	17.00	15	20.00	13	18.00	8
1952	3.60	33	3.80	31	3.80	23	4.00	18	4.30	10	19.00	23	27.00	25	33.00	26	62.00	37
1953	23.00	46	23.00	45	23.00	43	24.00	40	27.00	39	42.00	39	47.00	37	52.00	37	52.00	32
1954	5.20	37	7.60	38	22.00	42	27.00	42	30.00	40	37.00	38	39.00	34	45.00	32	47.00	27
1955	0.71	9	0.77	6	1.40	6	1.90	6	2.00	6	9.10	12	26.00	23	31.00	24	33.00	18
1956	2.20	23	2.30	21	2.80	19	4.00	19	9.10	20	21.00	26	30.00	26	37.00	27	37.00	23
1957	1.20	16	1.80	16	5.70	33	11.00	34	15.00	31	20.00	24	22.00	21	28.00	22	36.00	21
1958	31.00	47	35.00	47	43.00	47	52.00	48	55.00	46	63.00	46	72.00	47	81.00	47	99.00	47
1959	16.00	44	19.00	42	26.00	44	31.00	43	50.00	44	60.00	42	62.00	41	65.00	40	68.00	39
1960	7.00	39	9.00	39	14.00	39	33.00	44	44.00	43	59.00	40	62.00	42	67.00	41	76.00	41
1961	2.40	27	2.90	26	5.50	32	8.20	32	15.00	32	28.00	34	36.00	31	41.00	31	49.00	28
1962	10.00	40	12.00	40	13.00	38	18.00	39	32.00	41	76.00	49	85.00	49	113.00	49	135.00	49
1963	17.00	45	19.00	43	20.00	41	25.00	41	39.00	42	62.00	43	64.00	43	72.00	43	85.00	46
1964	0.70	8	0.90	8	2.60	17	3.80	16	7.90	17	21.00	27	38.00	33	40.00	30	54.00	33
1965	0.10	4	0.30	3	2.20	13	3.00	10	9.10	21	26.00	30	32.00	29	33.00	25	39.00	26
1966	3.70	34	4.00	32	6.30	34	6.50	28	21.00	37	33.00	35	68.00	44	73.00	44	79.00	42
1967	2.00	21	2.00	18	2.30	14	5.80	26	8.00	18	15.00	19	21.00	19	27.00	19	33.00	19
1968	0.60	5	0.93	9	1.60	8	3.70	15	8.40	19	26.00	31	44.00	35	59.00	38	65.00	38
1969	2.30	24	3.70	28	4.40	25	13.00	37	21.00	38	33.00	36	47.00	36	47.00	33	49.00	29
1970	1.60	18	1.70	15	1.90	9	3.00	11	12.00	27	62.00	44	55.00	39	67.00	42	82.00	44
1971	11.00	41	20.00	44	28.00	45	39.00	46	62.00	49	66.00	47	71.00	46	73.00	45	79.00	43
1972	44.00	49	47.00	49	54.00	49	56.00	49	59.00	48	63.00	45	69.00	45	73.00	46	83.00	45
1973	1.60	19	2.80	23	6.70	35	12.00	35	13.00	28	36.00	37	48.00	38	50.00	36	56.00	35
1974	34.00	48	36.00	48	48.00	48	49.00	47	55.00	45	70.00	48	77.00	48	88.00	48	103.00	48
1975	15.00	43	26.00	46	30.00	46	38.00	45	57.00	47	60.00	41	62.00	40	65.00	39	70.00	40

06744000 BIG THOMPSON RIVER AT MOUTH, NEAR LA SALLE, COLO.--Continued

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
59.1	72.3	65.5	53.2	48.7	48.5	47.0	123	156	62.0	64.5	48.7
1429	1186	607	417	402	331	1613	45860	60840	3175	4079	4304
37.8	34.4	24.6	20.4	20.1	18.2	40.2	214	247	56.3	63.9	65.6
1.34	1.29	0.98	0.83	1.95	1.19	1.90	2.89	3.75	3.20	1.62	4.43
0.64	0.48	0.38	0.38	0.41	0.38	0.85	1.74	1.58	0.91	0.99	1.35
6.96	8.52	7.72	6.28	5.75	5.72	5.54	14.5	18.4	7.31	7.61	5.74

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.66	1.80	1.79	1.70	1.66	1.66	1.52	1.62	1.86	1.64	1.55	1.43
0.14	0.07	0.03	0.03	0.03	0.03	0.17	0.42	0.30	0.17	0.30	0.28
0.37	0.27	0.17	0.16	0.16	0.17	0.41	0.65	0.54	0.42	0.55	0.53
-1.37	-2.71	-0.88	0.05	0.26	-0.76	-0.80	0.35	0.14	-1.34	-0.70	-0.68
0.22	0.15	0.10	0.10	0.10	0.10	0.27	0.40	0.29	0.25	0.35	0.37
8.35	9.07	8.99	8.54	8.35	8.33	7.63	8.14	9.35	8.25	7.83	7.18

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
70.7	1887	43.4	1.13	0.61	0.416

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.77	0.07	0.26	0.04	0.15	0.553

06747500 CACHE LA POUDRE RIVER NEAR RUSTIC, COLO.

LOCATION.--Lat 40°41'44", long 105°41'23", in NW¼NE¼ sec.4, T.8 N., R.74 W., Larimer County, on right bank 20 ft (6 m) downstream from trail bridge, 500 ft (150 m) south of State Highway 14, 800 ft (240 m) downstream from unnamed tributary, 5.8 mi (9.3 km) west of Rustic, 8.5 mi (13.7 km) downstream from outlet of Laramie-Poudre tunnel, and 33 mi (53 km) west of Fort Collins.

DRAINAGE AREA.--199 mi^2 (515 km^2).

REMARKS.--Natural flow of stream affected by transbasin diversions and transmountain diversions from Colorado River Basin through Grand River ditch, storage reservoirs, and a few small diversions for irrigation.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CACHE LA POUDRE RIVER NEAR RUSTIC, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1957				21	36	84	27	30	13	2		2		1	2		1	6	4	5	6	28	19	4	3	4	9	6	7	4	15	13	10	1	2
1958					13	101	36	7	25	13	16	4	1	1		1	18	8	16	17	8	13	10	6	6	3	4	2	13	5	8	9	1			
1959				38	72	44	21	19	5	2	2		3	5	4	3	6	4	26	11	8	18	12	10	9	1	10	5	3	3	13	7	1			
1960					10	27	51	37	16	15	25	11	12	4	2	5	5	10	20	26	3	5	11	7	3	7	12	9	6	6	16	5				
1961				43	37	57	34	23	6	11	6	2		1	1	4	4	2	3	3	25	39	11	3	5	5	7	5	11	13	3	1				
1962							7	18	53	19	5	30	29	7	9	12	15	5	17	5	11	13	19	5	17	11	16	14	7	4	15	2				
1963		56	39	38	14	10	7	13	12	12	12	3	1		6	3		1	17	20	15	13	12	12	13	20	11	2	3							
1964		5	19	55	27	33	16	34	17	13	8	3	1	2	3	13	1	7	15	6	4	11	7	8	1	7	5	15	19	8	3					
1965				75	67	22	7	1	18	14	1	3	4			6	9	6	10	9	3	9	7	14	8	9	6	17	17	10	5	7	1			
1966				2	14	46	23	29	13	25	26	16	16	5	3	4	1	10	18	22	14	16	10	9	12	14	6	8	3							
1967		1	4	100	28	17	26	16	5	6	9	5	6	1	7		3	6	6	25	13	12	4	6	11	3	2	14	15	9	5					
1968				1	25	68	32	24	12	8	1	6	9	4	16	14	10	19	23	6	3	5	2	7	18	8	9	7	4	10	10	5				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4383	100.0	12	57.0	82	1965	44.8	24	480	106	737	16.8
1	8.00	62	4383	100.0	13	68.0	31	1883	43.0	25	570	92	631	14.3
2	9.60	62	4321	98.6	14	81.0	53	1852	42.3	26	680	97	539	12.2
3	11.00	373	4259	97.2	15	97.0	65	1799	41.0	27	820	104	442	10.0
4	14.00	343	3886	88.7	16	120.0	73	1734	39.6	28	980	108	338	7.7
5	16.00	509	3543	80.8	17	140.0	84	1661	37.9	29	1200	72	230	5.2
6	19.00	287	3034	69.2	18	160.0	175	1577	36.0	30	1400	93	158	3.6
7	23.00	251	2747	62.7	19	200.0	155	1402	32.0	31	1700	49	65	1.4
8	28.00	195	2496	56.9	20	240.0	113	1247	28.5	32	2000	13	16	.3
9	33.00	140	2301	52.5	21	280.0	182	1134	25.9	33	2400	1	3	
10	40.00	111	2161	49.3	22	340.0	124	952	21.7	34	2800	2	2	
11	47.00	85	2050	46.8	23	400.0	91	828	18.9					

06747500 CACHE LA POUDRE RIVER NEAR RUSTIC, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CACHE LA POUDRE RIVER NEAR RUSTIC, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1957	2960.0	1	2820.0	1	2560.0	1	2310.0	1	1950.0	1	1630.0	1	1250.0	1	1020.0	1	707.0	1
1958	2000.0	4	1940.0	3	1820.0	3	1790.0	2	1520.0	2	1090.0	4	828.0	6	672.0	5	467.0	5
1959	2070.0	3	1830.0	4	1770.0	4	1730.0	3	1490.0	3	1040.0	7	809.0	7	662.0	7	463.0	7
1960	1800.0	7	1730.0	7	1680.0	6	1610.0	5	1490.0	4	1140.0	3	892.0	4	719.0	4	512.0	4
1961	1890.0	5	1690.0	8	1500.0	8	1340.0	8	1210.0	8	901.0	10	701.0	10	597.0	10	422.0	9
1962	1850.0	6	1750.0	6	1640.0	7	1520.0	7	1270.0	7	1060.0	5	901.0	3	766.0	3	556.0	3
1963	1140.0	11	1050.0	11	935.0	12	783.0	12	689.0	12	617.0	11	508.0	11	449.0	11	325.0	11
1964	1590.0	9	1520.0	10	1400.0	10	1120.0	10	1080.0	10	972.0	8	761.0	8	611.0	8	418.0	10
1965	2220.0	2	1980.0	2	1900.0	2	1660.0	4	1470.0	5	1190.0	2	977.0	2	813.0	2	568.0	2
1966	1070.0	12	1030.0	12	963.0	11	879.0	11	709.0	11	604.0	12	487.0	12	418.0	12	311.0	12
1967	1560.0	10	1540.0	9	1430.0	9	1230.0	9	1190.0	9	952.0	9	733.0	9	610.0	9	425.0	8
1968	1780.0	8	1760.0	5	1690.0	5	1600.0	6	1420.0	6	1060.0	6	842.0	5	671.0	6	466.0	6

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CACHE LA POUDRE RIVER NEAR RUSTIC, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1958	13.00	10	14.00	10	14.00	10	15.00	10	16.00	9	16.00	9	17.00	8	17.00	7	22.00	6
1959	11.00	5	12.00	5	13.00	6	13.00	5	13.00	5	13.00	4	14.00	5	14.00	5	22.00	7
1960	12.00	6	14.00	11	14.00	11	15.00	11	16.00	10	18.00	10	18.00	9	20.00	9	27.00	8
1961	13.00	11	13.00	7	13.00	7	13.00	6	13.00	6	14.00	6	15.00	6	16.00	6	20.00	5
1962	12.00	7	12.00	6	12.00	4	13.00	7	17.00	11	28.00	11	31.00	11	37.00	11	55.00	11
1963	8.00	1	8.10	1	8.40	1	8.40	1	8.60	1	9.20	1	9.40	1	9.70	1	15.00	1
1964	9.00	3	9.00	2	9.30	2	9.80	2	10.00	2	12.00	2	13.00	3	13.00	3	17.00	2
1965	11.00	4	11.00	4	12.00	5	12.00	4	12.00	4	13.00	5	13.00	4	13.00	4	17.00	3
1966	12.00	8	14.00	8	14.00	8	15.00	8	15.00	7	16.00	7	18.00	10	21.00	10	33.00	9
1967	8.80	2	10.00	3	11.00	3	11.00	3	11.00	3	12.00	3	12.00	2	12.00	2	17.00	4
1968	13.00	9	14.00	9	14.00	9	15.00	9	15.00	8	16.00	8	16.00	7	18.00	8	38.00	10

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
52.3	27.1	21.5	17.2	15.4	15.7	40.3	471	1210	628	289	182
982	212	154	45.9	27.6	17.7	1649	35300	105100	119700	5838	3365
31.3	14.6	12.4	6.78	5.26	4.21	40.6	188	324	346	76.4	58.0
1.49	1.32	2.29	2.06	2.20	1.41	2.43	0.41	-0.70	1.87	0.98	1.25
0.60	0.54	0.58	0.40	0.34	0.27	1.01	0.40	0.27	0.55	0.26	0.32
1.76	0.91	0.72	0.58	0.52	0.53	1.36	15.9	40.7	21.2	9.73	6.13

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.66	1.38	1.29	1.21	1.17	1.18	1.49	2.64	3.07	2.75	2.45	2.24
0.05	0.04	0.04	0.02	0.02	0.01	0.09	0.03	0.02	0.04	0.01	0.02
0.22	0.21	0.20	0.15	0.13	0.11	0.29	0.18	0.14	0.21	0.11	0.13
1.00	0.66	1.10	0.68	1.22	0.89	1.75	-0.28	-1.21	0.62	0.65	0.36
0.13	0.15	0.15	0.12	0.11	0.09	0.20	0.07	0.04	0.08	0.04	0.06
7.38	6.15	5.71	5.37	5.19	5.26	6.60	11.7	13.6	12.2	10.9	9.95

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
248	3049	55.2	0.57	0.22	-0.304

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.38	0.01	0.10	0.00	0.04	-0.296

06748000 CACHE LA POUDRE RIVER NEAR LOG CABIN, COLO.

LOCATION.--Lat 40°41'58", long 105°34'18", in SE¼ sec.33, T.9 N., R.73 W., Larimer County, at private bridge 0.5 mi (0.8 km) downstream from Sevenmile Creek and 7 mi (11 km) southwest of Log Cabin.

DRAINAGE AREA.--230 mi^2 (596 km^2).

REMARKS.--Diversions above station for irrigation. Natural flow of stream affected by storage reservoirs and transbasin and transmountain diversions from Laramie, Michigan, and Colorado River Basins.

06748000 CACHE LA POUDRE RIVER NEAR LOG CABIN, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CACHE LA POUDRE RIVER NEAR LOG CABIN, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1910							9	30	35	30	17	29	7	29	19	31	12	14	4	13	10	8	6	6	15	10	8	9	5	2	5	2			
1911			2	2	4	7	10	29	30	32	26	35	26	25	16	10	8	7	11	2	4	3	11	6	3	9	5	9	6	3	9	14	1		
1930					28		36		26	18	26	9	6	14	16	11	9	18	6	17	21	16	14	25	8	8	6	8	4	4	7	3	1		
1931		28	36	27	25	12	24	10	18	17	10	7	5	10	12	12	5	6	5	8	12	8	17	2	3	5	13	6	9	5	6	2			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1460	100.0	12	55.0	44	776	53.2	24	450	29	213	14.5
1	8.00	28	1460	100.0	13	65.0	78	732	50.1	25	530	32	184	12.6
2	9.50	38	1432	98.1	14	78.0	63	654	44.8	26	630	32	152	10.4
3	11.00	29	1394	95.5	15	92.0	64	591	40.5	27	750	32	120	8.2
4	14.00	57	1365	93.5	16	110.0	34	527	36.1	28	900	24	88	6.0
5	16.00	19	1308	89.6	17	130.0	45	493	33.8	29	1100	14	64	4.3
6	19.00	79	1289	88.3	18	160.0	26	448	30.7	30	1300	27	50	3.4
7	23.00	69	1210	82.9	19	190.0	40	422	28.9	31	1500	21	23	1.5
8	27.00	109	1141	78.2	20	220.0	47	382	26.2	32	1800	2	2	.1
9	32.00	97	1032	70.7	21	260.0	35	335	22.9	33	2100			
10	39.00	79	935	64.0	22	310.0	48	300	20.5	34	2600			
11	46.00	80	856	58.6	23	370.0	39	252	17.3					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CACHE LA POUDRE RIVER NEAR LOG CABIN, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1910	1590.0	3	1500.0	4	1460.0	2	1210.0	4	964.0	4	743.0	4	590.0	4	478.0	4	346.0	3
1911	1880.0	2	1710.0	2	1640.0	1	1600.0	1	1430.0	1	1070.0	1	815.0	1	643.0	1	442.0	1
1930	1940.0	1	1730.0	1	1450.0	3	1270.0	2	1130.0	2	782.0	3	627.0	2	552.0	2	415.0	2
1931	1540.0	4	1500.0	3	1390.0	4	1250.0	3	1060.0	3	792.0	2	604.0	3	491.0	3	335.0	4

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CACHE LA POUDRE RIVER NEAR LOG CABIN, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1910	20.00	3	22.00	3	24.00	3	25.00	3	25.00	3	27.00	3	29.00	3	32.00	3	46.00	3
1911	10.00	2	13.00	2	14.00	2	17.00	2	22.00	2	26.00	2	28.00	2	30.00	2	39.00	2
1931	8.00	1	8.00	1	8.00	1	8.30	1	9.10	1	9.70	1	10.00	1	11.00	1	35.00	1

06748200 FALL CREEK NEAR RUSTIC, COLO.

LOCATION.--Lat 40°33'06", long 105°37'35", in NW¼ sec.30, at line of sec.19, T.7 N., R.73 W., Larimer County, on left bank on upstream side of bridge, 1.5 mi (2.4 km) upstream from mouth, 11 mi (18 km) southwest of Rustic, and 29 mi (47 km) west of Fort Collins.

DRAINAGE AREA.--3.64 mi^2 (9.43 km^2).

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FALL CREEK NEAR RUSTIC, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1961						1	39	41	29	37	16	22	6	8	17	5	2	5	3	15	28	20	21	7	10	8	17	8							
1962								26	37	29	15	18	7	8	28	17	21	12	23	18	20	20	16	18	4	9	19								
1963					7	15	39	32	34	22	29	11	5	13	2	7	3	6	9	11	11	23	19	20	18	17	7	3	2						
1964					1	97	26	4	15	6	4	18	14	17	20	14	16	9	7	8	4	11	18	10	23	24									
1965						23	63	31	19	19	11	11	15	6	20	6	3	3	21	15	7	13	16	8	4	15	3	15	9	6	1	2			
1966						11	38	27	21	23	12	12	22	11	14	13	32	20	13	12	13	32	29	8	2										
1967					9	13	37	35	25	32	9	3	12	18	5	18	7	5	30	16	7	9	8	7	10	19	14	13	4						
1968						27	57	11	46	6	3	15	18	15	18	16	19	14	13	6	4	10	15	11	13	9	13	6	1						
1969						1	54	27	51	22	23	14	7	10	8	5	8	10	14	9	20	8	10	14	17	14	12	7							
1970					12	95	9	4	20	11	12	4	11	12	19	8	9	14	8	4	7	14	8	19	17	17	10	12	2	7					
1971						6	33	18	32	26	19	25	25	12	11	10	14	6	14	8	21	16	8	6	9	17	12	2	3	12					
1972		7		44	38	22	5	14	13	7	6	11	16	6	23	8	13	9	11	29	14	10	12	9	12	6	8	10	1	2					
1973					9	49	21	30	33	14	12	8	8	15	18	6	23	5	8	10	18	13	13	9	11	8	9	5	8	2					

06748200 FALL CREEK NEAR RUSTIC, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FALL CREEK NEAR RUSTIC, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4748	100.0	12	1.5	180	2551	53.7	24	18	158	552	11.6
1	0.07	7	4748	100.0	13	1.8	127	2371	49.9	25	22	148	394	8.2
2	0.09	0	4741	99.9	14	2.2	221	2244	47.3	26	27	119	246	5.1
3	0.10	60	4741	99.9	15	2.8	118	2023	42.6	27	33	71	127	2.6
4	0.20	88	4681	98.6	16	3.4	171	1905	40.1	28	41	24	56	1.1
5	0.30	408	4593	96.7	17	4.2	146	1734	36.5	29	51	29	32	.6
6	0.40	412	4185	88.1	18	5.1	162	1588	33.4	30	63	1	3	
7	0.50	292	3773	79.5	19	6.3	152	1426	30.0	31	77	2	2	
8	0.60	370	3481	73.3	20	7.8	188	1274	26.8	32				
9	0.80	238	3111	65.5	21	9.6	194	1086	22.9	33				
10	1.00	147	2873	60.5	22	12.0	193	892	18.8	34				
11	1.20	175	2726	57.4	23	15.0	147	699	14.7					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FALL CREEK NEAR RUSTIC, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1961	36.0	10	36.0	8	34.0	7	33.0	6	29.0	7	23.0	7	19.0	7	17.0	5	12.0	5
1962	31.0	11	31.0	11	30.0	11	29.0	10	26.0	10	21.0	10	17.0	10	15.0	8	11.0	8
1963	39.0	8	36.0	9	31.0	10	26.0	11	22.0	11	18.0	12	15.0	12	14.0	11	10.0	11
1964	25.0	12	24.0	12	23.0	12	22.0	12	21.0	12	20.0	11	17.0	11	14.0	12	9.9	12
1965	84.0	1	78.0	1	65.0	1	56.0	1	47.0	1	35.0	1	28.0	1	23.0	1	16.0	1
1966	19.0	13	18.0	13	17.0	13	15.0	13	14.0	13	13.0	13	11.0	13	10.0	13	7.4	13
1967	36.0	9	35.0	10	33.0	8	31.0	8	27.0	9	23.0	8	19.0	8	15.0	9	11.0	9
1968	41.0	6	39.0	6	36.0	6	33.0	7	30.0	6	23.0	9	19.0	9	15.0	10	10.0	10
1969	40.0	7	36.0	7	33.0	9	30.0	9	28.0	8	24.0	5	20.0	5	16.0	6	12.0	6
1970	60.0	2	57.0	3	56.0	2	47.0	3	39.0	3	31.0	2	26.0	2	22.0	2	15.0	2
1971	58.0	3	58.0	2	56.0	3	53.0	2	41.0	2	31.0	3	24.0	3	20.0	3	14.0	3
1972	54.0	4	48.0	5	43.0	5	39.0	4	32.0	5	24.0	6	19.0	6	16.0	7	11.0	7
1973	51.0	5	50.0	4	47.0	4	35.0	5	34.0	4	26.0	4	21.0	4	17.0	4	12.0	4

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FALL CREEK NEAR RUSTIC, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1962	0.40	12	0.43	12	0.47	12	0.49	12	0.56	12	0.65	12	0.75	12	0.92	12	2.00	12
1963	0.10	2	0.10	2	0.14	2	0.15	2	0.25	2	0.31	4	0.32	2	0.37	3	0.67	1
1964	0.20	4	0.27	6	0.29	6	0.30	5	0.30	4	0.30	2	0.33	3	0.34	2	0.87	4
1965	0.30	7	0.30	7	0.30	7	0.31	6	0.34	6	0.38	7	0.42	6	0.45	5	0.82	2
1966	0.30	8	0.30	8	0.30	8	0.33	8	0.36	8	0.40	8	0.47	9	0.62	10	1.40	11
1967	0.14	3	0.15	3	0.16	3	0.18	3	0.25	3	0.31	3	0.34	4	0.41	4	0.98	6
1968	0.34	10	0.34	9	0.35	10	0.37	10	0.37	10	0.40	9	0.46	8	0.54	8	1.20	9
1969	0.35	11	0.38	11	0.39	11	0.40	11	0.42	11	0.44	10	0.50	10	0.56	9	0.84	3
1970	0.31	9	0.34	10	0.34	9	0.34	9	0.36	9	0.36	5	0.37	5	0.47	6	1.10	8
1971	0.26	5	0.27	4	0.28	4	0.29	4	0.35	7	0.51	11	0.59	11	0.71	11	1.30	10
1972	0.08	1	0.08	1	0.08	1	0.09	1	0.12	1	0.15	1	0.20	1	0.25	1	0.90	5
1973	0.26	6	0.27	5	0.29	5	0.31	7	0.32	5	0.37	6	0.43	7	0.53	7	1.00	7

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.86	1.45	0.76	0.53	0.42	0.39	0.78	8.41	27.9	18.3	9.15	4.96
1.06	0.21	0.09	0.05	0.02	0.01	0.26	7.35	60.4	30.5	3.23	1.91
1.03	0.45	0.30	0.22	0.14	0.08	0.51	2.71	7.77	5.53	1.80	1.38
1.52	1.28	0.96	0.25	0.30	0.60	2.82	0.24	0.09	0.55	0.58	0.77
0.36	0.31	0.39	0.42	0.34	0.20	0.65	0.32	0.28	0.30	0.20	0.28
3.77	1.91	1.01	0.69	0.55	0.51	1.03	11.1	36.8	24.1	12.1	6.54

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.43	0.14	-0.15	-0.32	-0.41	-0.42	-0.16	0.90	1.43	1.24	0.95	0.68
0.02	0.02	0.03	0.04	0.03	0.01	0.04	0.02	0.02	0.02	0.01	0.01
0.14	0.13	0.16	0.20	0.18	0.09	0.21	0.15	0.13	0.13	0.08	0.12
0.48	0.21	0.22	-0.46	-1.79	-0.04	1.26	-0.79	-0.65	-0.01	0.09	0.31
0.33	0.90	-1.12	-0.63	-0.45	-0.21	-1.27	0.17	0.09	0.11	0.09	0.17
10.0	3.31	-3.40	-7.36	-9.47	-9.65	-3.76	20.8	33.0	28.7	22.0	15.7

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
6.34	1.28	1.13	0.37	0.18	-0.129

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.80	0.01	0.08	-0.10	0.10	-0.141

06748510 LITTLE BEAVER CREEK NEAR IDYLWILDE, COLO.

LOCATION.--Lat 40°38'19", long 105°39'40", in NW¼ sec.26, T.8 N., R.74 W., Larimer County, on left bank 4.5 mi (7.2 km) south of Idylwilde and 8 mi (13 km) upstream from mouth.

DRAINAGE AREA.--0.89 mi² (2.31 km²).

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LITTLE BEAVER CREEK NEAR IDYLWILDE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1961		10	24	34	42	10	4	10	85	18	1		19	16	11	11	5	14	4	5	8	5	3	3	14	7	2								
1962							11	3	78	31	42	30	29	22	31	5	3	13	14	8	6	8	7	7	15	2									
1963					60	33	24	9	55	33	6	20	14	26	16	7	5	7	6	8	15	17	4												
1964					22	19	39	21	55	43	49	13	11	9	5	7	9	5	9	10	5	10	15	9	1										
1965					11	9	92	20	64	37	1	2	27	15	8	13	7	5	5	4	5	6	1	5	12	6	4	6							
1966									64	61	44	39	49	22	15	12	5	8	7	9	7	18	5												
1967						30	85	20	53	44	9	22	10	6	7	10	7	9	6	7	4	4	16	5	8	3									
1968							19	28	122	42	35	16	12	10	9	9	8	8	4	5	6	3	11	4	5	6	4								
1969					27	14	18	9	87	48	31	21	12	9	10	7	6	5	7	6	5	3	18	11	8	2	1								
1970						6	23	41	100	32	30	23	11	8	7	4	6	7	8	4	7	8	3	13	8	3	4	4	5						
1971						1	2		91	105	36	16	16	7	10	11	8	5	5	4	8	5	4	7	8	1	4	11							
1972					21	10	23	21	71	43	58	19	16	9	14	6	5	5	4	6	5	3	3	7	8	8	1								
1973					12	12	29	4	137	25	20	18	7	6	19	8	8	6	4	4	4	5	4	8	7	7	5	6							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4748	100.0	12	0.5	233	1561	32.9	24	7	94	196	4.1
1	0.01	10	4748	100.0	13	0.6	165	1328	28.0	25	9	45	102	2.1
2	0.02	24	4738	99.8	14	0.7	162	1163	24.5	26	11	25	57	1.2
3	0.03	34	4714	99.3	15	0.9	110	1001	21.1	27	14	27	32	.6
4	0.04	195	4680	98.6	16	1.2	82	891	18.8	28	18	5	5	.1
5	0.06	144	4485	94.5	17	1.5	97	809	17.0	29				
6	0.07	369	4341	91.4	18	1.9	83	712	15.0	30				
7	0.09	186	3972	83.7	19	2.3	80	629	13.2	31				
8	0.10	1062	3786	79.7	20	2.9	85	549	11.6	32				
9	0.20	562	2724	57.4	21	3.7	95	464	9.8	33				
10	0.30	362	2162	45.5	22	4.6	94	369	7.8	34				
11	0.40	239	1800	37.9	23	5.8	79	275	5.8					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LITTLE BEAVER CREEK NEAR IDYLWILDE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1961	11.0	8	11.0	6	9.8	7	9.3	6	8.0	5	5.3	5	3.9	6	3.1	5	2.0	7
1962	9.7	10	9.4	8	8.9	8	8.4	8	7.3	8	5.2	6	4.0	5	3.1	6	2.1	5
1963	5.1	12	4.7	13	4.4	13	4.2	13	3.9	13	3.1	12	2.3	12	1.9	12	1.3	12
1964	7.2	11	6.6	11	6.3	11	6.0	11	5.3	11	4.0	11	3.1	11	2.4	11	1.6	11
1965	16.0	3	15.0	4	14.0	4	12.0	4	10.0	4	6.7	4	4.8	4	3.7	4	2.5	4
1966	4.7	13	4.7	12	4.5	12	4.2	12	3.9	12	2.9	13	2.2	13	1.8	13	1.2	13
1967	10.0	9	9.3	9	8.8	9	7.8	9	6.5	10	4.6	10	3.4	10	2.7	10	1.8	10
1968	13.0	5	12.0	5	11.0	5	9.7	5	7.6	6	5.0	8	3.6	8	2.8	8	1.9	8
1969	11.0	6	9.0	10	8.4	10	7.7	10	6.7	9	5.1	7	3.8	7	3.0	7	2.0	6
1970	20.0	1	19.0	1	18.0	1	15.0	1	11.0	1	7.7	1	5.6	1	4.3	1	2.9	1
1971	16.0	2	16.0	2	15.0	2	14.0	2	11.0	2	7.1	2	5.1	2	3.9	2	2.7	2
1972	11.0	7	10.0	7	9.9	6	9.2	7	7.5	7	4.7	9	3.4	9	2.7	9	1.8	9
1973	15.0	4	15.0	3	14.0	3	12.0	3	10.0	3	6.7	3	4.8	3	3.7	3	2.5	3

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LITTLE BEAVER CREEK NEAR IDYLWILDE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1962	0.01	1	0.01	1	0.01	1	0.01	1	0.02	1	0.13	10	0.17	11	0.22	11	0.36	11
1963	0.05	2	0.05	2	0.05	2	0.05	2	0.05	2	0.06	1	0.06	1	0.08	1	0.13	1
1964	0.05	3	0.05	3	0.05	3	0.05	3	0.05	3	0.08	4	0.09	4	0.11	5	0.18	6
1965	0.05	4	0.05	4	0.05	4	0.05	4	0.06	4	0.07	2	0.07	2	0.09	2	0.13	2
1966	0.06	9	0.07	11	0.07	11	0.07	10	0.07	8	0.16	12	0.21	12	0.26	12	0.36	12
1967	0.07	12	0.07	12	0.07	12	0.07	11	0.07	9	0.07	3	0.08	3	0.09	3	0.13	3
1968	0.06	10	0.06	9	0.06	9	0.06	7	0.06	5	0.11	9	0.12	9	0.14	9	0.20	9
1969	0.05	5	0.05	5	0.05	5	0.06	8	0.07	10	0.09	5	0.11	7	0.13	8	0.18	7
1970	0.05	6	0.05	6	0.05	6	0.05	5	0.06	6	0.09	6	0.10	5	0.12	6	0.17	5
1971	0.06	11	0.06	10	0.06	10	0.08	12	0.09	12	0.14	11	0.16	10	0.17	10	0.22	10
1972	0.05	7	0.05	7	0.05	7	0.06	9	0.07	11	0.09	7	0.11	8	0.13	7	0.20	8
1973	0.05	8	0.05	8	0.05	8	0.05	6	0.06	7	0.09	8	0.10	6	0.11	4	0.15	4

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.35	0.27	0.19	0.14	0.11	0.08	0.08	0.99	6.79	3.14	0.79	0.44
0.02	0.02	0.01	0.00	0.00	0.00	0.00	0.52	3.78	2.16	0.03	0.01
0.13	0.14	0.09	0.06	0.05	0.03	0.04	0.72	1.94	1.47	0.17	0.07
1.60	1.84	1.53	1.09	0.98	0.69	0.84	0.59	-0.23	0.23	-0.05	0.40
0.37	0.52	0.49	0.44	0.42	0.41	0.45	0.73	0.29	0.47	0.22	0.17
2.61	2.02	1.45	1.04	0.82	0.61	0.60	7.40	50.8	23.5	5.91	3.29

06748510 LITTLE BEAVER CREEK NEAR IDYLWILDE, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
-0.48	-0.61	-0.75	-0.89	-0.99	-1.12	-1.14	-0.14	0.81	0.45	-0.11	-0.36
0.02	0.03	0.03	0.03	0.03	0.03	0.04	0.15	0.02	0.05	0.01	0.01
0.14	0.18	0.18	0.18	0.18	0.18	0.21	0.38	0.14	0.23	0.10	0.07
0.89	1.11	0.89	0.40	0.03	-0.16	-0.65	-0.42	-0.81	-0.41	-0.42	-0.05
-0.29	-0.30	-0.24	-0.20	-0.18	-0.16	-0.18	-2.77	0.17	0.51	-0.88	-0.20
8.98	11.4	14.0	16.7	18.6	21.0	21.4	2.60	-15.2	-8.36	2.09	6.78

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.11	0.06	0.25	0.18	0.22	0.059

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.04	0.01	0.10	-0.20	2.67	0.035

06748530 LITTLE BEAVER CREEK NEAR RUSTIC, COLO.

LOCATION.--Lat 40°37'23", long 105°33'52", in N½ sec.34, T.8 N., R.73 W., Larimer County, on left bank 2.6 mi (4.2 km) upstream from mouth and 5.5 mi (8.8 km) south of Rustic.

DRAINAGE AREA.--12.3 mi² (31.9 km²).

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LITTLE BEAVER CREEK NEAR RUSTIC, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1961			28	68	49	31	17	14	6	12	14	13	18	8	5	3	7	7	5	4	5	3	2	4	8	7		4	15	6	2				
1962					1	29	23	62	27	37	33	29	16	8	3	8	9	6	2	2	7	7	15	13	13	11	4								
1963			37	43	21	77	8	21	17	5	23	10	27	9	4	14	9	3	10	12	10	2	1	1		1									
1964		17	34	48	22	28	13	51	37	18	11	2	9	8	4	7	3	3	3	3	7	11	6	11	9	1									
1965		1	45	43	69	8	30	8		9	6	19	13	9	18	6	2	3	6	3	11	8	5	7	4	5	3	7	2	2	2	6	3		2
1966				1	69	17	63	33	31	22	27	11	19	8	17	3	4	7	11	8	8	3	3												
1967		7	28	41	55	28	42	24	23	14	6	9	10	10	3	5	2	2	5	4	7	7	4	12	4	8	2	2	1						
1968				11	30	14	19	25	46	19	10	14	6	5	8	9	8	4	3	4	5	4	3	2	2	4	5	7	8	1					
1969				56	28	14	60	25	41	27	8	12	4	3	5	3	1	2	7	2	6	6	4	8	9	15	9	6	4						
1970		1		66	27	19	43	36	30	14	13	7	7	5	7	5	6	6	4	3	4	3	3	4	4	8	9	18	4	4	5				
1971					20	41	49	59	17	26	22	15	6	10	4	11	5	3	3	2	6	11	6	4	5	4	6	10	6	1	4	8	1		
1972				13	80	18	13	42	34	35	30	12	7	7	5	8	3	3	4	2	12	6	3	7	2	4	4	6	6						
1973		3	8	22	102	5	36	45	11	14	7	6	5	3	6	2	3	3	5	5	5	6	4	6	2	6	15	9	5	5	1	10			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4748	100.0	12	4.8	147	1333	28.1	24	29	62	376	7.9
1	0.80	29	4748	100.0	13	5.6	93	1186	25.0	25	34	74	314	6.6
2	1.00	180	4719	99.4	14	6.5	89	1093	23.0	26	40	57	240	5.0
3	1.20	402	4539	95.6	15	7.5	84	1004	21.1	27	46	69	183	3.8
4	1.40	673	4137	87.1	16	8.7	62	920	19.4	28	54	51	114	2.4
5	1.70	329	3464	73.0	17	10.0	52	858	18.1	29	63	19	63	1.3
6	1.90	416	3135	66.0	18	12.0	68	806	17.0	30	73	14	44	.9
7	2.20	445	2719	57.3	19	14.0	54	738	15.5	31	85	24	30	.6
8	2.60	320	2274	47.9	20	16.0	93	684	14.4	32	99	4	6	.1
9	3.00	252	1954	41.2	21	19.0	77	591	12.4	33	120		2	
10	3.50	210	1702	35.8	22	22.0	59	514	10.8	34	130	2	2	
11	4.10	159	1492	31.4	23	25.0	79	455	9.6					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LITTLE BEAVER CREEK NEAR RUSTIC, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1961	79.0	4	76.0	4	69.0	5	64.0	4	58.0	4	41.0	5	31.0	5	24.0	5	17.0	5
1962	41.0	10	41.0	10	39.0	10	37.0	9	34.0	9	29.0	9	23.0	7	19.0	7	13.0	7
1963	34.0	12	27.0	12	21.0	12	18.0	13	17.0	12	13.0	12	10.0	12	9.0	12	6.9	12
1964	35.0	11	31.0	11	30.0	11	28.0	11	26.0	11	21.0	11	16.0	11	12.0	11	8.9	11
1965	153.0	1	134.0	1	115.0	1	99.0	1	72.0	1	48.0	3	36.0	3	29.0	2	20.0	2
1966	22.0	13	22.0	13	20.0	13	18.0	12	16.0	13	12.0	13	9.9	13	8.3	13	6.2	13
1967	54.0	9	49.0	9	43.0	9	37.0	10	33.0	10	25.0	10	19.0	10	15.0	10	10.0	10
1968	67.0	6	61.0	6	58.0	6	55.0	6	46.0	6	30.0	7	22.0	8	18.0	8	12.0	8
1969	57.0	8	54.0	8	53.0	8	47.0	8	43.0	7	35.0	6	27.0	6	21.0	6	15.0	6
1970	79.0	5	76.0	5	74.0	4	63.0	5	55.0	5	46.0	4	35.0	4	27.0	4	19.0	4
1971	101.0	2	94.0	3	91.0	2	83.0	2	67.0	3	49.0	2	37.0	2	29.0	3	20.0	3
1972	59.0	7	57.0	7	55.0	7	52.0	7	41.0	8	29.0	8	21.0	9	17.0	9	12.0	9
1973	98.0	3	95.0	2	91.0	3	73.0	3	68.0	2	53.0	1	41.0	1	32.0	1	22.0	1

06748530 LITTLE BEAVER CREEK NEAR RUSTIC, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LITTLE BEAVER CREEK NEAR RUSTIC, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1962	1.20	11	1.20	9	1.20	8	1.40	9	1.80	12	2.00	12	2.10	12	2.40	12	3.00	12
1963	1.00	6	1.00	4	1.00	4	1.00	5	1.10	4	1.10	3	1.20	4	1.30	1	1.50	2
1964	0.90	1	0.90	1	0.90	1	0.90	1	0.94	1	1.00	1	1.10	1	1.30	2	1.70	5
1965	0.90	2	1.00	5	1.00	5	1.00	2	1.00	2	1.10	2	1.20	2	1.30	3	1.40	1
1966	1.20	7	1.40	11	1.40	10	1.50	10	1.50	9	1.60	10	1.70	10	1.80	10	2.40	11
1967	0.96	4	0.96	3	0.99	3	1.00	3	1.10	3	1.20	4	1.20	3	1.30	4	1.60	3
1968	1.40	12	1.40	12	1.40	11	1.50	11	1.50	10	1.50	9	1.50	7	1.50	6	1.90	7
1969	1.20	8	1.20	6	1.20	6	1.30	7	1.30	7	1.30	7	1.50	8	1.60	9	1.90	8
1970	0.96	5	1.20	7	1.20	7	1.20	6	1.20	5	1.20	5	1.40	5	1.50	7	1.80	6
1971	1.20	9	1.20	8	1.40	12	1.60	12	1.70	11	1.70	11	1.80	11	1.90	11	2.10	9
1972	1.20	10	1.30	10	1.30	9	1.40	8	1.40	8	1.50	8	1.50	9	1.60	8	2.10	10
1973	0.94	3	0.94	2	0.97	2	1.00	4	1.20	6	1.30	6	1.40	6	1.40	5	1.70	4

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.72	2.27	1.86	1.58	1.40	1.38	2.30	16.0	42.7	15.5	4.88	3.10
0.68	0.38	0.20	0.12	0.07	0.09	0.78	55.5	361	55.3	1.28	0.57
0.82	0.62	0.45	0.34	0.27	0.30	0.88	7.45	19.0	7.44	1.13	0.76
1.16	1.44	2.32	1.13	0.74	0.71	2.86	0.54	-0.01	0.34	0.33	0.63
0.30	0.27	0.24	0.22	0.19	0.22	0.38	0.47	0.45	0.48	0.23	0.24
2.84	2.37	1.95	1.66	1.47	1.44	2.41	16.7	44.6	16.2	5.11	3.24

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.42	0.34	0.26	0.19	0.14	0.13	0.34	1.16	1.58	1.14	0.68	0.48
0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.04	0.05	0.05	0.01	0.01
0.12	0.11	0.09	0.09	0.08	0.09	0.13	0.21	0.23	0.23	0.10	0.10
0.79	0.54	1.68	0.71	0.39	0.40	2.14	-0.09	-0.74	-0.37	0.08	0.40
0.29	0.32	0.35	0.46	0.58	0.70	0.37	0.18	0.14	0.20	0.15	0.21
6.10	4.99	3.79	2.79	2.04	1.89	4.99	16.9	23.1	16.6	9.89	6.99

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
7.97	6.63	2.58	-0.07	0.32	0.036

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.88	0.02	0.15	-0.49	0.17	0.062

06748600 SOUTH FORK CACHE LA POUDRE RIVER NEAR RUSTIC, COLO.

LOCATION.--Lat 40°38'49", long 105°29'35", in SW¼ sec.20, T.8 N., R.72 W., Larimer County, on left bank 5.7 mi (9.2 km) upstream from mouth, 6 mi (10 km) southeast of Rustic, and 22 mi (35 km) west of Fort Collins.

DRAINAGE AREA.--90.3 mi^2 (233.9 km^2).

REMARKS.--No diversion above station. Slight regulation by small reservoirs and lakes.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH FORK CACHE LA POUDRE RIVER NR RUSTIC, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1957							16	72	48	19	33	19	3	3	5	5	3	13	5	9	11	24	7	7	8	5	3	13	8	10	6	2	4	4	
1958								50	48	51	6	27	25	30	8	1	16	6	4	9	13	15	5	5	5	11	5	5	3	7	5	4	1		
1959						79	31	16	10	50	21	23	16	5	9	6	2	7	15	13	6	12	3	12	4	3	4	6	8	4					
1960				49	31	32		7	5	29	34	50	6	12	5	2	3	4	13	14	14	5	4	16	7	5	2	12	5						
1961						60	31	14	21	8	3	7	3	3			9	21	13	12	12	17	4	3	8	12	3	3	6	15	5				
1962							9	18	34	34	46	30	21	10	7	24	14	13	14	6	5	10	2	16	20	11	8	12	1						
1963						90		4	43	29	32	18	1	10	9	11	13	12	12	12	7	21	13	18	7	2		1							
1964				36	52	15	10	21	18	15	42	36	13	10	6	2	4	1	5	8	5	16	4	14	18	8	7								
1965	9	17	34	22	47	25	41	6	1	2	3	3	1	7	22	16	9	1	4	5	9	6	12	18	8	7	4	9	1	5	2	6	1	2	

06748600 SOUTH FORK CACHE LA POUDRE RIVER NEAR RUSTIC, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH FORK CACHE LA POUDRE RIVER NR RUSTIC, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
													NUMBER OF DAYS IN CLASS																						
1966				45	13	10	4	14	22	28	31	34	29	23	12	8	8	13	18	7	11	7	10	13	5										
1967			4	14	44	21	22	24	13	18	21	20	22	4	12	23	10	5	1	3	7	1	16	21	16	8	4	5	6						
1968							36	48	35	23	16	13	17	30	37	15	6	4	9	10	8	5	3	1	3	8	22	11	4	2					
1969							69	34	47	24	15	15	13	3	8	4	6	13	6	12	3	4	16	9	12	11	16	6	12	6	1				
1970							43	5	28	21	44	12	25	20	16	11	14	9	6	4	7	7	7	11	9	6	7	12	17	10	5	2	7		
1971							49	35	39	25	21	12	14	8	7	5	6	28	4	6	4	5	17	9	10	15	13	13	5	1	3	4	7		
1972							24	28	49	19	10	39	48	10	11	18	18	8	3		1	3	17	16	16	5	9	3	3	6	2				
1973							4	92	37	23	19	30	11	2		14	10	7	7	9	2	2	1	5	10	8	18	18	12	10	10	2	2		
1974								35	66	25	24	29	24	13	9	6	2	2	1	1	10	9	16	14	26	11	7	10	12	6	3	4			
1975								2	109	31	4	35	35	23	12	6	1	3	2	5	3	5	15	11	10	9	11	8	15	10					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	6939	100.0	12	23.0	233	2974	42.9	24	170	181	847	12.2
1	3.50	13	6939	100.0	13	27.0	219	2741	39.5	25	200	172	666	9.5
2	4.30	31	6926	99.8	14	32.0	170	2522	36.3	26	240	125	494	7.1
3	5.00	208	6895	99.4	15	38.0	154	2352	33.9	27	280	142	369	5.3
4	6.00	139	6687	96.4	16	45.0	167	2198	31.7	28	330	91	227	3.2
5	7.00	580	6548	94.4	17	53.0	138	2031	29.3	29	390	61	136	1.9
6	8.30	401	5968	86.0	18	62.0	150	1893	27.3	30	470	33	75	1.0
7	9.80	780	5567	80.2	19	74.0	139	1743	25.1	31	550	24	42	.6
8	12.00	464	4787	69.0	20	87.0	130	1604	23.1	32	650	11	18	.2
9	14.00	438	4323	62.3	21	100.0	244	1474	21.2	33	770	5	7	.1
10	16.00	455	3885	56.0	22	120.0	155	1230	17.7	34	910	2	2	
11	19.00	456	3430	49.4	23	140.0	228	1075	15.5					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH FORK CACHE LA POUDRE RIVER NR RUSTIC, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1957	903.0	2	871.0	2	799.0	2	610.0	2	528.0	1	406.0	1	312.0	1	259.0	1	182.0	1
1958	666.0	3	634.0	3	588.0	5	518.0	4	411.0	4	294.0	7	222.0	8	185.0	8	129.0	8
1959	432.0	9	425.0	9	395.0	9	364.0	9	298.0	10	210.0	12	166.0	12	135.0	12	95.0	12
1960	360.0	13	355.0	13	330.0	13	312.0	12	269.0	12	202.0	14	161.0	14	133.0	13	94.0	13
1961	500.0	8	495.0	8	476.0	7	444.0	6	410.0	5	296.0	6	230.0	6	190.0	7	136.0	7
1962	332.0	15	317.0	15	314.0	14	302.0	13	267.0	13	223.0	11	187.0	11	154.0	11	109.0	11
1963	328.0	16	253.0	18	202.0	18	170.0	18	160.0	18	135.0	18	112.0	18	104.0	18	76.0	18
1964	274.0	18	269.0	17	245.0	17	206.0	17	204.0	17	174.0	17	143.0	17	114.0	17	80.0	17
1965	1000.0	1	912.0	1	814.0	1	684.0	1	519.0	2	362.0	2	288.0	2	232.0	2	162.0	2
1966	194.0	19	177.0	19	159.0	19	150.0	19	141.0	19	115.0	19	97.0	19	81.0	19	59.0	19
1967	318.0	17	312.0	16	287.0	16	264.0	16	209.0	16	176.0	16	149.0	16	120.0	16	86.0	16
1968	359.0	14	337.0	14	312.0	15	281.0	15	255.0	15	209.0	13	161.0	15	129.0	15	91.0	15
1969	391.0	11	379.0	11	351.0	11	291.0	14	288.0	11	238.0	10	197.0	10	163.0	10	117.0	10
1970	640.0	5	625.0	4	605.0	3	514.0	5	427.0	3	346.0	3	280.0	3	229.0	4	160.0	3
1971	646.0	4	617.0	5	598.0	4	524.0	3	398.0	6	304.0	5	247.0	5	205.0	5	146.0	5
1972	424.0	10	405.0	10	366.0	10	323.0	10	257.0	14	199.0	15	163.0	13	133.0	14	94.0	14
1973	565.0	6	547.0	6	502.0	6	413.0	7	384.0	7	325.0	4	280.0	4	230.0	3	159.0	4
1974	510.0	7	508.0	7	468.0	8	393.0	8	343.0	8	268.0	8	226.0	7	197.0	6	140.0	6
1975	374.0	12	358.0	12	340.0	12	323.0	11	308.0	9	254.0	9	211.0	9	172.0	9	119.0	9

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH FORK CACHE LA POUDRE RIVER NR RUSTIC, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1958	10.00	18	11.00	18	11.00	18	11.00	18	11.00	18	11.00	17	12.00	17	12.00	17	16.00	17
1959	7.00	8	7.00	6	7.00	6	7.00	6	7.00	6	7.00	6	7.50	7	7.90	5	10.00	6
1960	5.00	3	5.00	3	5.00	3	5.00	3	5.00	3	5.20	3	5.70	2	6.50	2	10.00	7
1961	8.00	14	8.00	13	8.00	12	8.00	12	8.00	11	8.00	9	8.70	10	9.00	10	9.90	3
1962	8.60	16	8.60	15	9.10	16	10.00	17	10.00	17	12.00	18	13.00	18	14.00	18	21.00	18
1963	7.00	9	7.00	7	7.00	7	7.00	7	7.00	7	7.20	7	7.30	6	8.50	6	11.00	8
1964	5.00	4	5.10	4	5.10	4	5.40	5	5.70	5	5.80	5	6.00	4	6.70	4	10.00	4
1965	4.20	2	4.20	2	4.20	2	4.40	1	4.60	1	4.90	1	5.70	3	6.50	3	7.50	1
1966	5.20	5	5.20	5	5.20	5	5.30	4	5.30	4	5.60	4	6.90	5	8.60	7	14.00	14
1967	3.60	1	3.80	1	4.10	1	4.40	2	4.80	2	5.20	2	5.50	1	6.30	1	9.30	2
1968	7.20	10	7.30	10	7.40	10	7.40	9	7.70	9	8.30	10	8.70	11	9.30	12	14.00	15
1969	7.00	6	7.20	8	7.30	9	7.60	10	7.70	10	7.80	8	8.60	9	8.70	8	10.00	5
1970	7.20	11	7.20	9	7.20	8	7.20	8	7.60	8	8.50	12	9.70	14	11.00	16	15.00	16
1971	7.00	7	7.40	11	8.00	13	8.00	13	8.20	13	8.30	11	8.40	8	9.00	9	12.00	10
1972	7.20	12	7.40	12	7.70	11	7.90	11	8.10	12	8.80	13	9.30	13	10.00	13	13.00	11
1973	8.00	13	8.10	14	8.30	14	8.30	14	8.60	14	8.80	14	8.90	12	9.20	11	11.00	9
1974	8.40	15	8.80	16	8.90	15	9.00	15	9.10	15	9.50	15	9.80	15	10.00	14	13.00	12
1975	9.00	17	9.50	17	9.80	17	9.90	16	10.00	16	10.00	16	11.00	16	11.00	15	14.00	13

06748600 SOUTH FORK CACHE LA POUDRE RIVER NEAR RUSTIC, COLO.--Continued

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
21.4	15.4	10.8	9.03	8.22	8.99	16.9	112	299	163	80.0	34.7
67.1	14.6	6.63	5.85	5.53	4.33	32.9	2792	9940	4661	770	177
8.19	3.82	2.57	2.42	2.35	2.08	5.73	52.8	99.7	68.3	27.8	13.3
1.98	-0.03	0.86	0.39	0.55	0.31	2.39	0.82	0.22	0.95	0.31	0.93
0.38	0.25	0.24	0.27	0.29	0.23	0.34	0.47	0.33	0.42	0.35	0.38
2.75	1.98	1.39	1.16	1.05	1.15	2.17	14.3	38.4	20.9	10.3	4.45

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.31	1.17	1.02	0.94	0.90	0.94	1.21	2.00	2.45	2.18	1.88	1.51
0.02	0.01	0.01	0.01	0.02	0.01	0.01	0.04	0.02	0.03	0.02	0.03
0.15	0.11	0.10	0.12	0.12	0.10	0.12	0.21	0.15	0.18	0.16	0.16
0.35	-0.51	0.17	-0.35	-0.05	-0.33	2.02	-0.15	-0.43	-0.05	-0.12	0.31
0.11	0.10	0.10	0.13	0.14	0.11	0.10	0.11	0.06	0.08	0.08	0.11
7.46	6.70	5.85	5.37	5.13	5.38	6.91	11.4	14.0	12.4	10.7	8.63

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
65.1	298	17.3	0.17	0.26	0.112

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.80	0.01	0.12	-0.23	0.07	0.124

06749000 CACHE LA POUDRE RIVER BELOW ELKHORN CREEK, COLO.

LOCATION.--Lat 40°41'32", long 105°25'58", in NW¼ sec.2, T.8 N., R.72 W., Larimer County, on left bank 500 ft (150 m) southwest of State Highway 14, 0.6 mi (1.0 km) downstream from Elkhead Creek, and 20 mi (32 km) northwest of Fort Collins.

DRAINAGE AREA.--404 mi^2 (1,046 km^2).

REMARKS.--Natural flow of stream affected by transbasin and transmountain diversions, storage reservoirs, and a few small diversions for irrigation.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CACHE LA POUDRE RIVER BELOW ELKHORN CREEK, CO.

NUMBER OF DAYS IN CLASS

CLASS / YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1947			3	39	28	8	12	24	32	41	17	5	4	10	4	1	1	1	3	1	10	23	5	7	6	11	21	9	15	15	5	2	2		
1948						2	35	44	44	50	24	16	6	6	2	2		9	23	12	19	16	1	4	12	3	4	4	5	12	8	3			
1949				2	20	67	30	28	37	15	10	5	2	2	2	2	6	5	3	11	18	13	7	8	10	9	7	5	8	17	6	7	3		
1950		4	8	37	41	35	21	10	9	19	10	24	18	8	7	2	1		13	11	16	11	6	7	2	9	8	4	10	4	1	8	1		
1951			1	6	33	42	53	41	8	11	6	7	5	5	5	2	5	4	3	13	22	7	3	3	7	7	10	16	10	3	9	15	3		
1952					4	21	31	77	28	12	18	16	2	3	4	3	3	3	1	16	16	18	13	9	13	12	12	2	7	5	3	3	5	6	
1953				10	38	79	28	18	15	18	13	11	1	3	2	1	6	19	14	15	13	1	5	10	6	5	6	2	10	6	3	6	1		
1954					40	74	26	18	9	27	10	3	4	17	31	9	13	7	3	9	4	7	8	7	15	17	3	2	2						
1955			5	55	39	27	21	10	5	10	12	14	22	7	6	5	8	8	5	18	6	9	16	11	13	12	10	5	6						
1956					4	37	66	26	35	23	19	6	1	7	11	10	15	9	8	10	4	3	9	11	9	4	5	2	5	5	8	11	3		
1957				18	58	60	23	25	13	1	7	6	2		2	1	2	1	2	5	34	18	6	6	7	7	7	3	7	9	6	18	5	5	1
1958						29	75	43	7	8	19	20	10	3	9	13	12	3	19	12	11	12	4	4	5	7	2	7	10	3	2	13	3		
1959				29	54	45	18	22	8	14	5	2	4	4	8	8	17	20	4	10	14	16	12	8	2	12	3	2	3	7	10	4			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4748	100.0	12	87.0	81	2017	42.5	24	700	107	756	15.9
1	13.00	4	4748	100.0	13	100.0	75	1936	40.8	25	830	115	649	13.6
2	15.00	17	4744	99.9	14	120.0	93	1861	39.2	26	990	98	534	11.2
3	18.00	196	4727	99.6	15	150.0	59	1768	37.2	27	1200	63	436	9.1
4	22.00	359	4531	95.4	16	170.0	89	1709	36.0	28	1400	98	373	7.8
5	26.00	526	4172	87.9	17	210.0	89	1620	34.1	29	1700	86	275	5.7
6	31.00	439	3646	76.8	18	250.0	101	1531	32.2	30	2000	61	189	3.9
7	37.00	386	3207	67.5	19	290.0	143	1430	30.1	31	2300	90	128	2.6
8	44.00	250	2821	59.4	20	350.0	187	1287	27.1	32	2800	26	38	.8
9	52.00	249	2571	54.1	21	420.0	154	1100	23.2	33	3300	11	12	.2
10	62.00	170	2322	48.9	22	490.0	95	946	19.9	34	4000	1	1	
11	73.00	135	2152	45.3	23	590.0	95	851	17.9					

06749000 CACHE LA POUDRE RIVER BELOW ELKHORN CREEK, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CACHE LA POUDRE RIVER BELOW ELKHORN CREEK, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1947	3200.0	4	2700.0	9	2110.0	11	1980.0	11	1880.0	8	1600.0	5	1370.0	4	1150.0	3	806.0	3
1948	2540.0	10	2370.0	10	2150.0	10	2020.0	10	1890.0	7	1330.0	8	1000.0	9	836.0	8	590.0	8
1949	3170.0	6	3030.0	4	2820.0	3	2520.0	5	2220.0	4	1730.0	3	1380.0	3	1140.0	4	794.0	4
1950	3000.0	7	2790.0	7	2560.0	7	2210.0	8	1820.0	11	1310.0	9	996.0	10	809.0	10	559.0	10
1951	3200.0	5	2970.0	5	2730.0	5	2460.0	6	2210.0	5	1850.0	2	1480.0	2	1210.0	2	843.0	2
1952	3680.0	2	3620.0	2	3450.0	2	3090.0	1	2400.0	2	1670.0	4	1330.0	5	1100.0	5	786.0	5
1953	2830.0	9	2730.0	8	2540.0	8	2210.0	7	1870.0	9	1280.0	11	983.0	11	799.0	11	552.0	11
1954	1500.0	13	1370.0	13	1210.0	13	1020.0	13	866.0	13	777.0	13	609.0	13	494.0	13	356.0	13
1955	1650.0	12	1610.0	12	1470.0	12	1300.0	12	1120.0	12	922.0	12	764.0	12	647.0	12	455.0	12
1956	2920.0	8	2860.0	6	2720.0	6	2530.0	4	2230.0	3	1550.0	7	1180.0	6	936.0	7	648.0	7
1957	4140.0	1	3950.0	1	3570.0	1	3090.0	2	2640.0	1	2210.0	1	1690.0	1	1380.0	1	971.0	1
1958	3230.0	3	3040.0	3	2810.0	4	2680.0	3	2190.0	6	1560.0	6	1160.0	7	942.0	6	655.0	6
1959	2480.0	11	2310.0	11	2270.0	9	2200.0	9	1870.0	10	1290.0	10	1010.0	8	824.0	9	585.0	9

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CACHE LA POUDRE RIVER BELOW ELKHORN CREEK, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1948	30.00	12	31.00	12	32.00	12	33.00	12	35.00	12	36.00	12	39.00	12	42.00	12	50.00	12
1949	20.00	8	21.00	7	23.00	7	24.00	8	26.00	8	27.00	7	27.00	5	28.00	6	35.00	7
1950	13.00	1	13.00	1	15.00	1	17.00	1	19.00	1	21.00	1	23.00	3	23.00	2	34.00	3
1951	16.00	3	18.00	3	20.00	4	23.00	6	24.00	5	27.00	8	27.00	6	29.00	8	34.00	4
1952	24.00	9	25.00	10	26.00	9	27.00	9	28.00	9	32.00	11	35.00	11	37.00	11	44.00	11
1953	19.00	6	19.00	4	20.00	5	22.00	5	24.00	6	25.00	5	27.00	7	28.00	7	33.00	2
1954	20.00	7	22.00	8	24.00	8	24.00	7	25.00	7	26.00	6	27.00	8	27.00	5	35.00	5
1955	15.00	2	16.00	2	18.00	2	19.00	2	19.00	2	21.00	2	21.00	1	22.00	1	37.00	8
1956	24.00	10	25.00	9	27.00	10	28.00	10	29.00	10	31.00	9	32.00	9	34.00	9	41.00	9
1957	18.00	4	20.00	6	21.00	6	21.00	4	22.00	4	23.00	4	24.00	4	25.00	4	29.00	1
1958	25.00	11	28.00	11	29.00	11	29.00	11	30.00	11	31.00	10	32.00	10	34.00	10	44.00	10
1959	18.00	5	19.00	5	20.00	3	20.00	3	20.00	3	22.00	3	23.00	2	24.00	3	35.00	6

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
63.9	41.4	31.6	28.0	28.2	31.1	63.9	750	1754	835	361	206
189	89.9	83.2	38.2	30.1	41.5	276	93130	201200	248900	14340	4733
13.7	9.48	9.12	6.18	5.49	6.44	16.6	305	449	499	120	68.8
0.21	0.78	0.76	0.96	-0.62	0.73	0.84	0.22	-0.74	1.33	0.01	0.85
0.22	0.23	0.29	0.22	0.19	0.21	0.26	0.41	0.26	0.60	0.33	0.33
1.52	0.99	0.75	0.67	0.67	0.74	1.52	17.9	41.8	19.9	8.60	4.91

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.80	1.61	1.48	1.44	1.44	1.48	1.79	2.84	3.23	2.86	2.53	2.29
0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.04	0.02	0.05	0.03	0.02
0.10	0.10	0.12	0.09	0.09	0.09	0.11	0.19	0.13	0.23	0.16	0.14
-0.19	0.34	0.36	0.70	-0.92	0.48	0.08	-0.21	-1.52	0.62	-0.98	0.06
0.05	0.06	0.08	0.06	0.06	0.06	0.06	0.07	0.04	0.08	0.06	0.06
7.24	6.48	5.99	5.80	5.81	5.99	7.23	11.5	13.0	11.5	10.2	9.24

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
350	7313	85.5	-0.02	0.24	0.173

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.53	0.01	0.11	-0.60	0.04	0.265

06751500 NORTH FORK CACHE LA POUDRE RIVER NEAR LIVERMORE, COLO.

LOCATION.--Lat 40°42'10", long 105°14'01", in NW¼SW¼ sec.33, T.9 N., R.70 W., Larimer County, on right bank 0.6 mi (1.0 km) upstream from mouth, 0.7 mi (1.1 km) downstream from Milton Seaman Reservoir, and 6.0 mi (9.7 km) southeast of Livermore.

DRAINAGE AREA.--568 mi^2 (1,471 km^2).

REMARKS.--Natural flow of stream affected by transbasin diversions from Laramie River basin through Columbine and Wilson supply ditches, storage reservoirs, and diversions for irrigation. North Poudre ditch diverts water above station for irrigation in Cache la Poudre River basin.

06751500 NORTH FORK CACHE LA POUDRE RIVER NEAR LIVERMORE, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
N FORK CACHE LA POUDRE RIVER NEAR LIVERMORE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1948										1	1	1	18	51	24	16	53	49	52	47	19	27	5		2										
1949										3	41	28	34	25	14	40	40	25	14	11	2	8	4	5	20	21	9	6	3	1	5	4	2		
1950													29	44	7	9	20	79	43	72	29	19	12	2											
1951												33	78	59	21	18	20	22	22	9	25	8	13	8	5	3	13	7		1					
1952												27	21	58	83	87	13	5	2	11	4	7	8	9	10	12	8	1							
1953											19	19	46	98	37	71	50	12	10	3															
1954				5	15	22	12	5	23	29	9	9	15	19	71	96	13	13	1	1		7													
1955		10	32	12	1	20	28	12	23	38	27	60	58	21	18	5																			
1956			3	16	2			1	3	5	15	80	99	64	17	16	2	9	5	4	5	3	6	5	5	1									
1957										1	44	56	65	41	13	19	19	12	11	3	6	6	6	6	2	7	10	18	19	1					
1958												43	50	70	54	42	15	11	9	10	6	3	3	8	7	6	5	5	11	4	3				
1959											16	17	17	73	67	22	12	22	21	26	6	1	1	9	5	24	12	7	3	4					
1960									1	25	21	7	27	69	23	52	50	21	4	13	4	4	7	15	10	12	1								
1961	56									6	18	13	9	18	19	36	18	18	27	17	15	4	16	18	15	2	7	4	4	13	7	5			
1962	13									6	5	5	5	25	2	39	24	14	27	35	46	29	11	17	30	15	17								
1963	38	15	2	1	13	3	1	1	11	11	10	31	63	20	78	6	9	8	6	6	19	3	3	5	2										
1964		3		3	10	2	8	4	12	15	95	58	15	30	5	15	17	5	7	29	7	8	7	10	1										
1965	76	31	3			2	7	5	5	9	28	10	27	18	29	28	10	2	1	5	17	6	8	7	13	1	4	2	2	2	4	3			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	183	6575	100.0	12	4.7	676	5009	76.2	24	160	127	468	7.1
1	0.10	59	6392	97.2	13	6.3	803	4333	65.9	25	220	104	341	5.1
2	0.20	40	6333	96.3	14	8.5	582	3530	53.7	26	290	86	237	3.6
3	0.30	37	6293	95.7	15	11.0	617	2948	44.8	27	400	50	151	2.2
4	0.40	41	6256	95.1	16	15.0	385	2331	35.5	28	530	42	101	1.5
5	0.60	49	6215	94.5	17	21.0	327	1946	29.6	29	720	26	59	.8
6	0.80	56	6166	93.8	18	28.0	262	1619	24.6	30	960	19	33	.5
7	1.10	28	6110	92.9	19	37.0	302	1357	20.6	31	1300	12	14	.2
8	1.40	78	6082	92.5	20	50.0	210	1055	16.0	32	1700	2	2	
9	1.90	149	6004	91.3	21	67.0	143	845	12.9	33				
10	2.60	349	5855	89.0	22	90.0	110	702	10.7	34				
11	3.50	497	5506	83.7	23	120.0	124	592	9.0					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
N FORK CACHE LA POUDRE RIVER NEAR LIVERMORE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1948	189.0	13	158.0	13	93.0	15	71.0	14	52.0	15	44.0	14	41.0	14	40.0	13	37.0	12
1949	1820.0	1	1690.0	1	1530.0	1	1200.0	1	754.0	2	507.0	2	381.0	2	293.0	2	198.0	2
1950	126.0	15	120.0	15	99.0	14	94.0	13	82.0	13	65.0	11	59.0	11	55.0	11	46.0	11
1951	904.0	5	515.0	7	439.0	7	366.0	7	312.0	7	204.0	8	152.0	8	129.0	8	92.0	8
1952	466.0	8	391.0	8	319.0	9	306.0	9	264.0	9	184.0	9	132.0	9	101.0	9	69.0	9
1953	44.0	17	36.0	17	33.0	17	31.0	17	24.0	16	21.0	16	18.0	16	16.0	16	13.0	16
1954	86.0	16	86.0	16	83.0	16	41.0	16	22.0	17	16.0	17	14.0	17	13.0	17	12.0	17
1955	13.0	18	11.0	18	9.9	18	9.0	18	8.3	18	6.4	18	5.4	18	4.6	18	4.5	18
1956	256.0	11	159.0	12	139.0	12	119.0	12	100.0	12	61.0	13	43.0	13	34.0	14	24.0	14
1957	722.0	7	696.0	6	665.0	6	599.0	5	522.0	5	448.0	3	324.0	3	248.0	3	166.0	3
1958	1080.0	4	1040.0	4	881.0	4	714.0	4	568.0	3	369.0	4	253.0	4	193.0	4	129.0	4
1959	862.0	6	844.0	5	690.0	5	526.0	6	442.0	6	335.0	5	240.0	5	188.0	5	129.0	5
1960	304.0	10	283.0	10	253.0	10	235.0	10	198.0	10	135.0	10	108.0	10	83.0	10	58.0	10
1961	1450.0	2	1410.0	2	1360.0	2	1190.0	2	951.0	1	591.0	1	431.0	1	333.0	1	229.0	1
1962	370.0	9	370.0	9	351.0	8	317.0	8	272.0	8	238.0	7	190.0	7	152.0	7	119.0	6
1963	214.0	12	159.0	11	103.0	13	65.0	15	56.0	14	30.0	15	25.0	15	21.0	15	16.0	15
1964	170.0	14	144.0	14	139.0	11	126.0	11	100.0	11	62.0	12	44.0	12	40.0	12	29.0	13
1965	1450.0	3	1360.0	3	1130.0	3	874.0	3	527.0	4	303.0	6	224.0	6	170.0	6	113.0	7

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
N FORK CACHE LA POUDRE RIVER NEAR LIVERMORE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1949	2.10	9	2.40	9	2.70	9	2.90	9	3.10	7	3.30	5	4.70	6	4.90	6	8.40	7
1950	5.30	16	5.40	16	5.60	16	5.70	15	6.30	15	6.60	15	11.00	16	14.00	16	18.00	16
1951	3.80	13	3.90	14	3.90	12	4.00	10	4.40	11	5.40	11	5.50	8	5.50	7	8.60	9
1952	5.70	17	6.00	17	6.10	17	6.20	16	6.30	16	7.80	16	8.40	15	9.00	14	10.00	11
1953	3.80	14	3.80	13	3.90	13	4.00	11	4.20	10	5.50	12	6.70	12	7.00	10	8.50	8
1954	2.70	10	2.70	10	2.70	10	2.80	8	3.40	9	5.00	10	6.30	11	8.20	12	10.00	12
1955	0.30	7	0.30	7	0.40	7	0.44	5	0.57	3	0.96	2	1.30	1	2.30	2	4.50	3
1956	0.10	6	0.10	6	0.10	6	0.15	4	0.28	2	0.31	1	1.50	2	1.60	1	1.60	1
1957	1.70	8	2.20	8	2.30	8	2.70	7	3.10	8	3.40	6	3.80	5	3.90	5	4.90	4
1958	3.80	15	4.10	15	4.30	15	4.40	13	4.50	12	4.80	9	5.50	9	6.30	8	10.00	13
1959	3.60	12	3.70	12	4.10	14	4.70	14	5.40	14	6.00	13	8.10	14	10.00	15	9.80	10
1960	3.00	11	3.20	11	3.20	11	4.20	12	4.90	13	6.00	14	7.10	13	8.80	13	11.00	14
1961	0.00	1	0.00	1	0.00	1	0.00	1	2.50	6	3.50	7	5.30	7	6.90	9	8.00	6
1962	0.00	2	0.00	2	0.00	2	13.00	17	14.00	17	18.00	17	29.00	17	37.00	17	44.00	17
1963	0.00	3	0.00	3	0.00	3	0.01	3	1.30	4	4.70	8	6.30	10	7.20	11	13.00	15
1964	0.00	4	0.00	4	0.00	4	0.51	6	2.10	5	2.80	4	3.20	4	3.60	4	6.90	5
1965	0.00	5	0.00	5	0.00	5	0.00	2	0.01	1	1.70	3	2.50	3	2.60	3	2.60	2

06751500 NORTH FORK CACHE LA POUDRE RIVER NEAR LIVERMORE, COLO.--Continued

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
20.1	9.93	9.45	10.0	13.8	15.5	57.4	195	174	19.8	17.8	13.2
531	30.2	62.3	143	262	158	2570	41870	45560	381	377	143
23.1	5.49	7.89	12.0	16.2	12.6	50.7	205	213	19.5	19.4	12.0
3.10	1.06	2.17	2.84	2.45	0.89	0.75	1.11	1.54	1.19	1.80	1.82
1.15	0.55	0.84	1.20	1.18	0.81	0.88	1.05	1.22	0.99	1.09	0.90
3.61	1.78	1.70	1.80	2.47	2.79	10.3	35.1	31.3	3.55	3.19	2.37

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.06	0.94	0.87	0.84	0.92	1.04	1.52	1.86	1.83	1.05	1.04	0.94
0.36	0.05	0.08	0.11	0.21	0.16	0.29	0.73	0.57	0.29	0.19	0.23
0.60	0.23	0.29	0.34	0.46	0.40	0.54	0.85	0.76	0.54	0.43	0.48
-1.98	0.19	0.75	1.25	-0.16	-0.40	-0.46	-1.17	-0.83	-0.60	0.49	-1.52
0.56	0.25	0.33	0.40	0.49	0.38	0.36	0.46	0.41	0.52	0.41	0.52
7.64	6.74	6.29	6.05	6.63	7.48	10.9	13.4	13.2	7.53	7.47	6.75

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
46.4	1202	34.7	0.67	0.75	0.172

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.51	0.18	0.42	-0.71	0.28	0.437

06752000 CACHE LA POUDRE RIVER AT MOUTH OF CANYON, NEAR FORT COLLINS, COLO.

LOCATION.--Lat 40°39'52", long 105°13'26", in NW¼ sec.15, T.8 N., R.70 W., Larimer County, on left bank at mouth of canyon, 0.5 mi (0.8 km) downstream from headgate of Poudre Valley Canal, 1.2 mi (1.9 km) upstream from Lewstone Creek, and 9.3 mi (15.0 km) northwest of courthouse in Fort Collins.

DRAINAGE AREA.--1,055 mi² (2,732 km²).

REMARKS.--Natural flow of stream affected by transbasin and transmountain diversions, diversions above station for irrigation of about 50,000 acres (202 km²), most of which is below station, and diversions for municipal use. Diversions since June 1953 by Monroe canal (headgate 7 mi or 11 km upstream) supply irrigated areas on left bank below station for the Colorado-Big Thompson project. This diverted water is replaced from Horsetooth Reservoir by Colorado-Big Thompson project water at a point on right bank 1.3 mi (2.1 km) downstream from station. Statistical summaries are shown for two periods, water years 1885-86, 1888-91, 1905-9, 1911-52, and water years 1954-75.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CACHE LA POUDRE R A MO OF CN, NR FT COLLINS, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1885																	59	62	30	40	22	13	11	18	6	7	16	30	10	14	22	5			
1886																	121	1	67	36	22	13	14	10	14	17	7	16	5	21	1				
1888																93	61	31	53	13	12	23	18	22	11	9	4	16							
1889														11	46	137	15	23	22	6	14	12	14	5	9	15	7	24	5						
1890													1	5	20	75	64	44	21	8	7	11	21	13	13	13	17	26	6						
1891													1	7	42	80	41	21	41	12	18	17	9	8	4	12	11	16	12	9	2	1	1		
1905															59	36	32	43	41	12	21	8	9	4	28	14	14	7	11	13	8	5			
1906															59		31	98	13	14	35	9	13	10	15	3	28	18	11	4	4				
1907															28	31	41	78	45	21	7	16	11	7	1	8	10	12	14	9	22	4			
1908													29	31	62	30	10	14	34	20	20	6	11	9	14	26	18	18	14						
1909															59	31	33	38	26	17	15	19	19	27	4	11	20	5	5	3	9	13	11		
1911													4	27	106	9	8	37	28	35	19	9	5	7	13	9	9	16	21	3					
1912													5	33	91	26	31	14	5	15	30	17	11	8	3	8	17	23	7	19	3				
1913												1	15	66	72	2	14	15	16	32	23	13	18	16	18	9	16	10	3	6					
1914													3	30	64	14	44	12	17	27	22	19	14	7	10	14	15	12	9	14	8	7	3		
1915														59	35	57	21	15	12	17	22	24	28	12	9	14	15	13	9	3					
1916														1	19	72	50	27	23	20	14	21	23	16	13	21	13	15	13	5					
1917												2	1	92	48	6	18	23	23	6	9	19	27	7	5	2	5	9	10	24	4	9	15	1	
1918														48	42	43	18	45	23	18	16	20	16	7	6	6	13	13	9	6	11	5			
1919													28	31	67	24	46	23	17	15	14	25	16	12	17	18	7	5							
1920												1	23	51	55	53	18	4	16	7	3	11	19	15	18	10	10	9	9	20	8	6			
1921												1	61	27	40	19	39	19	9	6	2	14	24	16	12	8	14	8	16	11	7	7	5		
1922											1	19	39	27	34	75	25	8	8	14	21	27	15	8	4	4	4	14	14	4					
1923												59	1	13	101	12	9	5	6	11	8	13	18	21	13	6	3	11	15	21	7	3	4	4	1
1924												38	38	34		1	11	37	19	29	20	7	14	35	14	8	5	10	10	6	15	8	4	3	
1925														59	48	38	28	13	16	5	25	23	23	33	6	13	18	16	1						

06752000 CACHE LA POUDRE RIVER AT MOUTH OF CANYON, NEAR FORT COLLINS, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CACHE LA POUDRE R A MO OF CN, NR FT COLLINS, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1926															9	96	45	38	22	7	10	13	12	15	15	13	12	18	13	11	14	2			
1927												8	12	28	124	21	4	4	11	6	25	21	25	5	11	6	10	22	17	5					
1928													1	4	120	42	23	28	9	4	14	18	14	5	15	8	12	21	15	6	7				
1929													59	31	60	39	12	6	2	13	13	16	15	15	21	14	5	7	5	22	10				
1930								31		99	11	1			1		6	29	23	21	13	10	20	40	18	10	11	12	7	1	1				
1931										31	25	26	4	25	24	16	18	24	32	34	9	18	23	8	8	16	11	10	3						
1932											32	31	39	21	34	37	28	4	12	8	10	5	21	14	6	12	5	21	16	8	2				
1933							1	1			34	70	20	36	22	18	14	7	10	4	14	10	20	19	8	11	9	10	5	10	12				
1934											1	1	36	130	51	18	10	12	12	11	16	18	6	9	6	4	12	12							
1935						3	7	8	5	12	24	43	33	21	37	8	8	10	10	11	5	18	17	6	8	8	21	20	7	7	6	2			
1936												4	43	77	32	21	30	9	1	5	8	9	19	22	27	9	9	6	22	10	3				
1937										10	30	31	47	26	16	7	35	21	11	11	10	9	18	16	9	13	10	27	8						
1938												6	55	41	34	22	22	14	4	10	9	16	27	22	14	10	9	9	10	14	16				
1939					7	5	30	13	15	39	53	13		1		8	9	9	19	17	17	12	26	9	10	16	10	14	10	3					
1940				1	1	1	1	4	8	28	39	40	28	10	4	29	24	9	16	11	6	15	23	13	19	15	10	10	1						
1941								2	1	1	6	31	56	41	25	26	12	11	13	11	10	22	23	8	17	4	9	25	11						
1942									1	1	4	21	51	38	20	31	25	7	10	11	7	18	18	18	14	14	16	8	7	23	2				
1943				1		1		2	8	16	6	11	12	29	25	27	20	5	8	20	16	18	18	33	13	11	8	16	20	19	2				
1944									1	2	3	26	30	54	65	9	26	9	8	3	14	19	22	13	9	7	8	24	12	2					
1945						2	1	4	4	4	10	33	49	17	32	23	19	14	4	10	5	5	12	26	16	22	21	21	11						
1946									1	11	53	18	6	16	37	30	17	16	16	7	11	11	22	32	28	10	7	3	7	6					
1947									1		1	2	45	47	29	43	16	11	8	4	14	9	33	16	13	10	8	27	15	9	3	1			
1948												10	11	24	40	80	58	12	1		25	14	23	13	8	13	5	6	14	9					
1949		2						3			4	11	44	67	40	15	17	2	3	4	12	14	29	20	18	10	3	6	16	9	10	6			
1950											6	18	20	16	13	80	38	25	27	10	9	16	13	19	6	18	10	7	8	6					
1951						1	1			2	4	20	58	56	24	13	14	8	12	11	14	18	23	6	9	7	9	23	21	10	1				
1952						1	2		1		3	16	35	41	47	28	22	19	9	5	3	15	23	28	12	10	13	11	8	5	9				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	19358	100.0	12	27.0	1043	17957	92.8	24	570	638	3885	20.0
1	1.50	2	19358	100.0	13	34.0	1549	16914	87.4	25	740	586	3247	16.7
2	2.10	0	19356	100.0	14	44.0	2162	15365	79.4	26	950	589	2661	13.7
3	2.70	2	19356	100.0	15	57.0	1751	13203	68.2	27	1200	768	2072	10.7
4	3.40	8	19354	100.0	16	74.0	1460	11452	59.2	28	1600	528	1304	6.7
5	4.40	14	19346	99.9	17	95.0	1113	9992	51.6	29	2000	410	776	4.0
6	5.70	43	19332	99.9	18	120.0	944	8879	45.9	30	2600	229	366	1.8
7	7.40	68	19289	99.6	19	160.0	725	7935	41.0	31	3400	94	137	.7
8	9.60	46	19221	99.3	20	210.0	760	7210	37.2	32	4400	44	53	.2
9	12.00	256	19175	99.1	21	270.0	796	6450	33.3	33	5700	8	9	
10	16.00	350	18919	97.7	22	340.0	966	5654	29.2	34	7400	1	1	
11	21.00	612	18569	95.9	23	440.0	803	4688	24.2					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CACHE LA POUDRE R A MO OF CN, NR FT COLLINS, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1885	3860.0	12	3830.0	9	3330.0	11	3030.0	12	2930.0	8	2450.0	5	2080.0	4	1740.0	2	1240.0	2
1886	2660.0	30	2610.0	26	2460.0	27	2430.0	20	2210.0	18	1660.0	22	1310.0	23	1070.0	24	755.0	23
1888	1550.0	51	1410.0	52	1380.0	51	1310.0	50	1120.0	51	847.0	51	682.0	51	576.0	51	422.0	51
1889	1960.0	42	1820.0	44	1650.0	46	1540.0	46	1460.0	43	1150.0	44	888.0	44	719.0	47	498.0	48
1890	1800.0	47	1720.0	47	1660.0	45	1580.0	45	1410.0	45	1200.0	40	1000.0	35	838.0	35	597.0	35
1891	5060.0	5	3910.0	7	2980.0	18	2380.0	23	2100.0	22	1610.0	25	1250.0	26	996.0	27	700.0	28
1905	4290.0	9	3910.0	8	3680.0	7	3240.0	8	2710.0	9	1990.0	12	1570.0	11	1300.0	11	908.0	12
1906	2810.0	26	2730.0	24	2640.0	21	2090.0	27	1810.0	28	1520.0	29	1240.0	27	1010.0	26	734.0	25
1907	3790.0	15	3500.0	15	3290.0	12	3180.0	10	2950.0	7	2300.0	8	1830.0	8	1450.0	8	996.0	8
1908	1860.0	45	1730.0	46	1680.0	44	1630.0	42	1490.0	41	1240.0	36	1050.0	34	915.0	33	658.0	33
1909	5400.0	4	5240.0	4	4990.0	4	4600.0	4	4090.0	2	2840.0	2	2130.0	2	1710.0	3	1210.0	3
1911	2240.0	36	2090.0	37	1910.0	38	1860.0	34	1710.0	33	1430.0	31	1110.0	33	889.0	34	625.0	34
1912	2940.0	25	2610.0	27	2500.0	25	2420.0	21	2190.0	19	1800.0	17	1460.0	14	1170.0	16	817.0	18
1913	2270.0	35	2150.0	34	2080.0	32	1750.0	37	1480.0	42	1130.0	45	910.0	42	747.0	43	545.0	45
1914	4780.0	6	4670.0	5	4310.0	6	3840.0	6	3140.0	5	2340.0	7	1840.0	6	1480.0	6	1040.0	5
1915	2200.0	38	2020.0	41	1930.0	36	1730.0	39	1520.0	38	1200.0	41	949.0	40	797.0	39	596.0	35
1916	2130.0	40	2110.0	35	1980.0	35	1870.0	32	1710.0	34	1350.0	32	1120.0	31	935.0	31	686.0	30
1917	5800.0	3	5470.0	3	5240.0	3	4930.0	1	4290.0	1	3230.0	1	2500.0	1	1960.0	1	1350.0	1
1918	3740.0	17	3620.0	12	3470.0	8	3210.0	9	2570.0	14	1920.0	14	1440.0	16	1150.0	17	807.0	19
1919	1500.0	52	1400.0	53	1290.0	53	1120.0	53	944.0	53	766.0	52	614.0	52	533.0	52	394.0	52
1920	3830.0	13	3570.0	13	3460.0	9	3100.0	11	2680.0	10	2130.0	9	1670.0	9	1360.0	10	953.0	10
1921	4680.0	7	4550.0	6	4330.0	5	3920.0	5	3140.0	6	2360.0	6	1830.0	7	1480.0	7	1040.0	7
1922	2210.0	37	2100.0	36	2040.0	33	1850.0	35	1720.0	31	1190.0	42	884.0	45	741.0	44	520.0	47
1923	7550.0	1	6600.0	1	5880.0	1	4920.0	2	3650.0	4	2750.0	3	2120.0	3	1700.0	4	1190.0	4
1924	7040.0	2	6510.0	2	5540.0	2	4610.0	3	3730.0	3	2700.0	4	2030.0	5	1640.0	5	1150.0	5
1925	1660.0	49	1560.0	50	1530.0	48	1380.0	48	1260.0	48	1040.0	47	841.0	47	718.0	48	549.0	44
1926	3760.0	16	3550.0	14	3150.0	13	2850.0	14	2590.0	13	2040.0	11	1650.0	10	1370.0	9	963.0	9
1927	2130.0	41	2060.0	40	1910.0	37	1860.0	33	1710.0	32	1460.0	30	1130.0	30	925.0	32	672.0	32
1928	3360.0	18	3300.0	17	3090.0	14	2480.0	19	1990.0	25	1700.0	20	1370.0	19	1100.0	20	774.0	21
1929	3270.0	19	3210.0	19	3010.0	17	2760.0	16	2520.0	15	1870.0	15	1440.0	17	1190.0	14	840.0	15
1930	2700.0	29	2290.0	32	1830.0	40	1600.0	44	1400.0	46	983.0	48	840.0	48	757.0	42	568.0	40

06752000 CACHE LA POUDRE RIVER AT MOUTH OF CANYON, NEAR FORT COLLINS, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CACHE LA POUDRE R A MO OF CN, NR FT COLLINS, CO.

YEAR	1	3	7	15	30	60	90	120	183
1931	1620.0 51	1590.0 49	1530.0 50	1330.0 50	1180.0 50	901.0 50	706.0 51	587.0 50	425.0 50
1932	2730.0 27	2510.0 29	2100.0 31	1770.0 36	1740.0 30	1530.0 27	1210.0 28	983.0 29	678.0 31
1933	3250.0 20	3110.0 20	2900.0 19	2770.0 15	2410.0 16	1710.0 18	1290.0 24	1040.0 25	730.0 26
1934	1470.0 54	1420.0 52	1320.0 53	1220.0 52	1120.0 51	766.0 54	590.0 54	479.0 54	332.0 54
1935	3900.0 11	3670.0 11	3030.0 16	2700.0 17	2110.0 21	1620.0 23	1320.0 22	1080.0 22	744.0 24
1936	2970.0 24	2820.0 22	2590.0 22	2250.0 24	2010.0 24	1580.0 26	1260.0 25	1070.0 23	765.0 22
1937	1820.0 47	1790.0 46	1620.0 48	1430.0 48	1390.0 47	1220.0 38	969.0 38	805.0 37	574.0 38
1938	4420.0 8	3310.0 16	3060.0 15	2900.0 13	2640.0 12	2060.0 10	1560.0 12	1290.0 12	939.0 11
1939	2180.0 39	2080.0 38	1850.0 39	1660.0 40	1550.0 37	1200.0 39	940.0 41	772.0 41	554.0 42
1940	1720.0 49	1570.0 50	1430.0 51	1220.0 53	1080.0 53	889.0 51	716.0 50	594.0 49	430.0 49
1941	1930.0 44	1850.0 44	1740.0 44	1630.0 41	1440.0 44	1240.0 37	972.0 37	797.0 38	573.0 39
1942	3140.0 21	2720.0 25	2520.0 24	2420.0 22	2270.0 17	1710.0 19	1390.0 18	1130.0 18	820.0 17
1943	3140.0 22	2770.0 23	2470.0 26	2210.0 26	2120.0 20	1800.0 16	1450.0 15	1180.0 15	875.0 14
1944	2350.0 34	2060.0 39	1820.0 41	1740.0 38	1600.0 35	1290.0 33	997.0 36	813.0 36	581.0 37
1945	1920.0 45	1870.0 43	1760.0 43	1620.0 43	1490.0 39	1290.0 34	1110.0 32	952.0 30	688.0 29
1946	2400.0 33	2290.0 33	2010.0 34	1970.0 29	1490.0 40	1050.0 46	872.0 46	721.0 46	552.0 43
1947	3800.0 14	3290.0 18	2550.0 23	2230.0 25	1980.0 26	1610.0 24	1360.0 20	1130.0 19	822.0 16
1948	2430.0 32	2340.0 30	2150.0 30	1930.0 30	1790.0 29	1270.0 35	960.0 39	795.0 40	558.0 41
1949	4080.0 10	3780.0 10	3440.0 10	3310.0 7	2680.0 11	1980.0 13	1530.0 13	1250.0 13	890.0 13
1950	2460.0 31	2290.0 31	2160.0 29	1920.0 31	1560.0 36	1160.0 43	903.0 43	738.0 45	529.0 46
1951	2720.0 28	2560.0 28	2350.0 28	1990.0 28	1830.0 27	1670.0 21	1350.0 21	1090.0 21	781.0 20
1952	2990.0 23	2950.0 21	2810.0 20	2600.0 18	2080.0 23	1520.0 28	1190.0 29	987.0 28	705.0 27

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CACHE LA POUDRE R A MO OF CN, NR FT COLLINS, CO.

YEAR	1	3	7	14	30	60	90	120	183
1885	65.00 50	68.00 50	71.00 50	79.00 51	80.00 51	86.00 51	92.00 51	97.00 51	122.00 51
1886	76.00 51	76.00 51	76.00 51	76.00 50	76.00 50	78.00 50	78.00 50	81.00 50	110.00 50
1889	40.00 44	41.00 43	41.00 41	43.00 41	51.00 44	52.00 42	55.00 41	56.00 41	65.00 37
1890	33.00 39	41.00 44	46.00 44	59.00 49	63.00 49	68.00 49	73.00 49	72.00 48	75.00 41
1891	32.00 37	38.00 39	44.00 42	52.00 46	55.00 45	61.00 46	66.00 46	69.00 46	72.00 40
1906	50.00 48	50.00 48	50.00 47	50.00 44	50.00 43	53.00 43	62.00 44	70.00 47	83.00 45
1907	55.00 49	55.00 49	55.00 49	55.00 48	55.00 46	58.00 45	67.00 48	75.00 49	95.00 49
1908	30.00 33	30.00 31	30.00 30	30.00 29	30.00 25	33.00 25	38.00 29	41.00 29	62.00 32
1909	49.00 47	49.00 47	49.00 45	49.00 43	49.00 42	51.00 41	55.00 42	60.00 43	81.00 43
1912	35.00 40	40.00 40	40.00 38	40.00 38	40.00 37	43.00 39	46.00 38	51.00 38	67.00 38
1913	26.00 31	30.00 32	31.00 31	32.00 31	35.00 35	35.00 30	38.00 30	40.00 28	64.00 35
1914	30.00 34	32.00 35	34.00 34	34.00 34	34.00 33	40.00 34	44.00 37	52.00 39	82.00 44
1915	35.00 41	35.00 37	35.00 35	35.00 35	35.00 34	37.00 32	41.00 34	47.00 35	58.00 29
1916	40.00 42	48.00 46	49.00 46	51.00 45	56.00 47	62.00 47	66.00 47	68.00 45	90.00 48
1917	40.00 43	40.00 41	40.00 39	40.00 39	40.00 38	41.00 35	42.00 35	42.00 30	59.00 31
1918	24.00 30	27.00 28	36.00 36	36.00 36	38.00 36	42.00 38	47.00 39	53.00 40	67.00 39
1919	32.00 38	32.00 36	32.00 33	32.00 32	32.00 28	34.00 28	39.00 31	42.00 31	54.00 27
1920	30.00 35	30.00 33	31.00 32	32.00 33	33.00 32	41.00 36	41.00 32	44.00 33	51.00 24
1921	23.00 27	27.00 29	28.00 28	29.00 27	30.00 26	30.00 22	35.00 24	37.00 23	53.00 26
1922	20.00 21	21.00 22	22.00 19	24.00 19	26.00 18	28.00 16	32.00 17	38.00 24	47.00 21
1923	24.00 28	24.00 25	24.00 23	24.00 20	24.00 13	25.00 11	32.00 18	35.00 16	40.00 11
1924	21.00 24	22.00 23	22.00 20	25.00 22	25.00 16	28.00 17	32.00 19	36.00 18	76.00 42
1925	41.00 45	41.00 42	41.00 40	41.00 40	41.00 39	42.00 37	43.00 36	48.00 36	63.00 33
1926	46.00 46	47.00 45	51.00 48	54.00 47	59.00 48	62.00 48	63.00 45	66.00 44	86.00 46
1927	22.00 25	22.00 24	22.00 21	26.00 23	32.00 29	39.00 33	41.00 33	43.00 32	45.00 15
1928	31.00 36	36.00 38	44.00 43	46.00 42	46.00 41	46.00 40	47.00 40	48.00 37	58.00 30
1929	27.00 32	27.00 30	27.00 27	27.00 25	27.00 19	28.00 18	30.00 13	36.00 19	46.00 18
1930	9.00 12	9.00 6	9.00 4	9.00 2	9.00 2	10.00 1	11.00 1	12.00 1	46.00 19
1931	14.00 17	14.00 13	14.00 7	14.00 7	14.00 4	16.00 4	20.00 5	26.00 8	64.00 34
1932	20.00 22	20.00 20	20.00 17	20.00 12	20.00 11	21.00 10	23.00 9	27.00 10	41.00 13
1933	7.00 9	11.00 11	17.00 10	19.00 11	19.00 9	20.00 6	22.00 6	26.00 9	33.00 4
1934	20.00 23	25.00 26	25.00 24	30.00 28	33.00 30	34.00 29	35.00 25	36.00 20	40.00 12
1935	5.00 6	5.00 2	6.60 2	9.90 3	19.00 10	20.00 7	22.00 7	22.00 4	29.00 1
1936	9.00 10	15.00 14	19.00 13	21.00 13	29.00 23	33.00 26	33.00 20	35.00 17	47.00 20
1937	14.00 18	14.00 12	14.00 8	15.00 8	17.00 7	20.00 8	22.00 8	25.00 5	39.00 9
1938	24.00 29	25.00 27	26.00 25	27.00 26	30.00 27	31.00 23	33.00 21	37.00 21	52.00 25
1939	3.70 4	3.70 1	3.90 1	5.00 1	7.40 1	11.00 2	14.00 2	14.00 2	30.00 2
1940	3.00 3	7.00 5	9.50 5	10.00 4	13.00 3	15.00 3	17.00 3	19.00 3	32.00 3
1941	9.00 11	9.70 10	17.00 11	22.00 16	24.00 14	26.00 12	27.00 11	28.00 11	45.00 16
1942	10.00 13	18.00 17	22.00 22	24.00 21	27.00 20	29.00 19	30.00 14	32.00 12	45.00 17
1943	2.90 2	9.20 7	12.00 6	13.00 6	19.00 8	27.00 13	35.00 26	39.00 27	88.00 47
1944	12.00 16	20.00 21	21.00 18	22.00 17	27.00 21	36.00 31	37.00 27	38.00 25	44.00 14
1945	4.70 5	5.50 3	8.80 3	12.00 5	16.00 5	20.00 9	24.00 10	25.00 6	35.00 5
1946	11.00 15	15.00 15	15.00 9	16.00 9	16.00 6	18.00 5	20.00 4	26.00 7	39.00 10
1947	10.00 14	19.00 18	30.00 29	31.00 30	33.00 31	33.00 27	34.00 22	39.00 26	48.00 22
1948	22.00 26	32.00 34	36.00 37	39.00 37	45.00 40	54.00 44	57.00 43	59.00 42	65.00 36
1949	1.60 1	9.60 9	18.00 12	19.00 10	24.00 15	28.00 14	31.00 15	32.00 13	38.00 6
1950	19.00 20	19.00 19	20.00 14	21.00 14	23.00 12	29.00 20	38.00 28	46.00 34	57.00 28
1951	5.60 7	9.30 8	20.00 15	23.00 18	26.00 17	29.00 21	29.00 12	32.00 14	38.00 7
1952	16.00 19	18.00 16	26.00 26	26.00 24	29.00 24	31.00 24	35.00 23	37.00 22	48.00 23
1953	5.60 8	6.30 4	20.00 16	22.00 15	27.00 22	28.00 15	32.00 16	33.00 15	39.00 8

06752000 CACHE LA POUDRE RIVER AT MOUTH OF CANYON, NEAR FORT COLLINS, COLO.--Continued

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
106	66.5	47.1	41.2	41.5	52.6	157	947	1934	850	358	212
2298	823	436	384	313	526	6895	106700	609100	167000	15160	6079
47.9	28.7	20.9	19.6	17.7	22.9	83.0	327	780	409	123	78.0
1.26	0.90	0.61	0.87	0.70	0.68	1.12	1.06	0.81	1.19	1.17	0.34
0.45	0.43	0.44	0.48	0.43	0.44	0.53	0.35	0.40	0.48	0.34	0.37
2.19	1.38	0.98	0.86	0.86	1.09	3.27	19.7	40.2	17.7	7.44	4.40

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.98	1.78	1.63	1.57	1.58	1.68	2.14	2.95	3.25	2.88	2.53	2.29
0.03	0.04	0.04	0.05	0.04	0.04	0.05	0.02	0.03	0.04	0.02	0.03
0.18	0.21	0.21	0.22	0.19	0.21	0.22	0.14	0.18	0.20	0.15	0.19
0.35	-1.25	-0.46	-0.39	-0.20	-0.68	0.00	0.09	-0.51	-0.12	-0.16	-1.07
0.09	0.12	0.13	0.14	0.12	0.12	0.10	0.05	0.06	0.07	0.06	0.08
7.56	6.78	6.20	5.96	6.01	6.39	8.15	11.2	12.4	11.0	9.63	8.73

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
402	14520	120	0.69	0.30	-0.065

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.59	0.02	0.13	-0.02	0.05	-0.069

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CACHE LA POUDRE R A MO OF CN, NR FT COLLINS, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1954								5	11	34	45	84	23	35	16	6	9	9	4	9	10	6	9	11	17	17	3	2							
1955							7	32	70	29	23	13	14	5	19	19	13	7	4	5	19	13	5	16	9	11	12	8	8	4					
1956							1	1	6	28	46	53	47	40	10	6	6	15	7	11	9	5	2	12	3	9	15	2	2	6	10	13	1		
1957					3	2	5	4	31	63	45	30	5	8	2	1	1	5	18	23	14	8	4	6	9	10	10	3	7	11	10	12	12	3	
1958										3	18	65	82	35	25	17	6	17	1	7	10	10	4	9	2	4	3	2	14	6	7	9	8	1	
1959								1	6	17	43	52	35	40	12	8	10	11	12	7	14	21	14	5	3	6	7	2	16	4	15	4			
1960			2	3	4	4	7	20	56	23	5	7	11	24	44	22	19	8	8	8	9	15		1	3	6	11	6	16	7	17				
1961					2		2	7	16	29	37	48	30	10	3	1	8	6	13	25	27	19	9	8	1	8	6	1	7	4	24	12	2		
1962								1	3	5	15	31	15	3	3	46	38	48	6	4	18	17	10	19	6	9	8	19	18	4	15	4			
1963			2	3		2	9	24	17	22	29	16	34	20	11	17	19	11	19	14	12	13	9	11	9	18	14	7	2	1					
1964						2	9	31	28	23	29	19	21	26	30	25	9	7	7	12	7	6	11	5	2	3	4	12	13	17	7	1			
1965					2	11	10	46	49	32	13	25	15	5	3	2	8	7	7	17	5	2	6	10	6	6	3	9	16	17	15	3	5	5	4	1
1966					1	5		2	8	66	57	19	16	15	13	20	28	21	12	9	9	5	9	8	9	10	11	7	5						
1967					2	1	28	67	9	27	29	17	25	19	13	11	9	8	9	10	2	4	3	2	6	3	9	10	13	18	8	3			
1968								1	21	15	20	53	68	20	9	8	15	10	2	8	5	19	8	17	10	11	8	4	8	9	16	1			
1969					3	1	2	4	21	33	51	20	21	26	8	11	14	10	27	16	5	7	4	5	11	7	3	7	14	18	11	5			
1970					5	11	7	54	21	18	13	12	13	14	14	3	14	27	17	2	9	8	10	6	8	8	7	5	7	9	18	17	6	2	
1971					1	6	4	4	14	29	35	25	21	16	15	16	15	27	6	14	9	6	8	1	4	14	11	17	9	5	14	9	7	3	
1972										16	59	78	25	18	24	22	12	9	7	5	10	15	4	3	13	3	8	5	15	7	4	3	1		
1973					3	1	5	1	16	42	45	32	18	31	27	9	5	7	4	2	4	7	4	5	14	5	6	8	15	18	10	13	5	3	
1974										1	7	11	57	31	43	45	29	26	5	10	5	9	2	3	9	12	5	5	15	9	13	13			
1975					6	9	25	40	22	24	13	22	24	12	15	12	11	9	2	5	14	17	11	10	6	5	5	2	12	11	15	6			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	8035	100.0	12	40.0	600	4914	61.2	24	480	164	1449	18.0
1	4.00	2	8035	100.0	13	49.0	420	4314	53.7	25	590	181	1285	15.9
2	4.90	5	8033	100.0	14	60.0	356	3894	48.5	26	730	175	1104	13.7
3	6.10	16	8028	99.9	15	74.0	339	3538	44.0	27	900	156	929	11.5
4	7.50	52	8012	99.7	16	91.0	288	3199	39.8	28	1100	242	773	9.6
5	9.20	87	7960	99.1	17	110.0	312	2911	36.2	29	1400	164	531	6.6
6	11.00	284	7873	98.0	18	140.0	179	2599	32.3	30	1700	199	367	4.5
7	14.00	270	7589	94.4	19	170.0	192	2420	30.1	31	2100	110	168	2.0
8	17.00	493	7319	91.1	20	210.0	222	2228	27.7	32	2600	43	58	.7
9	21.00	579	6826	85.0	21	260.0	239	2006	25.0	33	3200	14	15	.1
10	26.00	584	6247	77.7	22	320.0	141	1767	22.0	34	3900	1	1	
11	32.00	749	5663	70.5	23	390.0	177	1626	20.2					

06752000 CACHE LA POUDRE RIVER AT MOUTH OF CANYON, NEAR FORT COLLINS, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CACHE LA POUDRE R A MO OF CN, NR FT COLLINS, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1954	986.0	22	935.0	22	801.0	22	664.0	22	590.0	22	545.0	22	421.0	21	335.0	21	241.0	22
1955	1540.0	19	1520.0	19	1320.0	19	1170.0	19	1030.0	19	803.0	19	643.0	19	533.0	19	367.0	19
1956	2700.0	7	2450.0	9	2360.0	9	2320.0	5	2020.0	7	1400.0	9	1040.0	11	823.0	11	559.0	11
1957	3710.0	2	3480.0	2	3130.0	2	2690.0	4	2490.0	1	2010.0	1	1560.0	1	1240.0	2	864.0	1
1958	3330.0	5	3120.0	5	2950.0	5	2720.0	3	2290.0	3	1620.0	7	1170.0	8	907.0	9	616.0	9
1959	2290.0	12	2100.0	12	2030.0	12	1990.0	11	1750.0	11	1310.0	12	975.0	13	790.0	13	550.0	13
1960	2060.0	15	1990.0	15	1940.0	14	1850.0	12	1660.0	13	1310.0	13	982.0	12	773.0	14	529.0	14
1961	2800.0	6	2640.0	6	2390.0	7	2240.0	7	2080.0	6	1680.0	5	1240.0	7	995.0	6	709.0	5
1962	2170.0	13	2080.0	13	2010.0	13	1840.0	13	1540.0	14	1340.0	11	1140.0	9	937.0	8	651.0	8
1963	1310.0	20	1090.0	20	915.0	21	759.0	21	645.0	20	566.0	20	438.0	20	374.0	20	277.0	20
1964	1730.0	18	1650.0	18	1500.0	18	1230.0	18	1220.0	18	1030.0	18	769.0	18	607.0	18	415.0	18
1965	4160.0	1	3610.0	1	3200.0	1	2940.0	1	2280.0	4	1730.0	4	1390.0	4	1110.0	4	757.0	4
1966	1030.0	21	997.0	21	923.0	20	839.0	20	640.0	21	549.0	21	408.0	22	331.0	22	242.0	21
1967	1930.0	16	1850.0	17	1590.0	17	1350.0	17	1290.0	17	1090.0	17	824.0	17	643.0	17	437.0	17
1968	2130.0	14	2030.0	14	1910.0	15	1820.0	15	1730.0	12	1250.0	14	972.0	14	806.0	12	558.0	12
1969	1930.0	17	1890.0	16	1670.0	16	1550.0	16	1360.0	16	1150.0	15	896.0	15	703.0	15	499.0	15
1970	2680.0	9	2600.0	7	2460.0	6	2170.0	8	1900.0	9	1630.0	6	1270.0	5	1020.0	5	698.0	6
1971	3340.0	4	3210.0	4	3120.0	3	2790.0	2	2400.0	2	1820.0	3	1470.0	3	1170.0	3	813.0	3
1972	2690.0	8	2430.0	10	2120.0	11	1840.0	14	1520.0	15	1100.0	16	826.0	16	644.0	16	448.0	16
1973	3380.0	3	3310.0	3	2950.0	4	2250.0	6	2160.0	5	1930.0	2	1560.0	2	1260.0	1	851.0	2
1974	2580.0	10	2570.0	8	2380.0	8	2070.0	9	1930.0	8	1610.0	8	1250.0	6	976.0	7	671.0	7
1975	2290.0	11	2230.0	11	2160.0	10	2000.0	10	1810.0	10	1390.0	10	1050.0	10	854.0	10	578.0	10

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CACHE LA POUDRE R A MO OF CN, NR FT COLLINS, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1955	12.00	16	13.00	14	14.00	13	15.00	10	17.00	9	18.00	9	18.00	8	18.00	6	31.00	9
1956	11.00	15	15.00	16	21.00	17	22.00	17	24.00	15	25.00	13	28.00	14	30.00	14	36.00	11
1957	8.10	11	8.60	8	11.00	11	12.00	8	19.00	11	23.00	12	22.00	11	23.00	11	25.00	3
1958	29.00	21	30.00	21	30.00	21	31.00	21	33.00	20	36.00	18	37.00	18	38.00	18	48.00	19
1959	16.00	17	18.00	17	22.00	18	23.00	18	26.00	17	29.00	17	30.00	15	31.00	16	38.00	15
1960	5.00	2	6.30	2	6.90	2	9.10	2	13.00	7	15.00	6	17.00	7	20.00	9	37.00	14
1961	7.80	7	9.60	11	15.00	14	18.00	13	22.00	12	26.00	14	30.00	16	30.00	15	36.00	12
1962	25.00	20	26.00	20	26.00	20	28.00	20	32.00	19	53.00	21	69.00	21	74.00	21	114.00	21
1963	4.00	1	5.00	1	5.90	1	7.80	1	11.00	3	15.00	7	16.00	6	19.00	7	29.00	8
1964	8.50	13	9.70	12	10.00	8	11.00	7	12.00	4	14.00	5	15.00	5	17.00	5	28.00	5
1965	8.00	8	8.30	7	9.00	3	10.00	4	12.00	5	13.00	4	14.00	4	14.00	3	17.00	1
1966	6.40	4	6.70	3	10.00	9	15.00	11	17.00	10	19.00	10	19.00	9	20.00	8	29.00	6
1967	7.10	6	8.70	9	10.00	10	10.00	5	10.00	1	11.00	1	12.00	1	13.00	1	21.00	2
1968	8.40	12	13.00	15	18.00	15	18.00	12	25.00	16	38.00	19	37.00	19	39.00	19	40.00	16
1969	7.00	5	7.00	4	9.60	4	14.00	9	16.00	8	18.00	8	19.00	10	22.00	10	29.00	7
1970	6.10	3	7.60	5	9.60	5	9.80	3	11.00	2	11.00	2	12.00	2	13.00	2	27.00	4
1971	9.00	14	11.00	13	14.00	12	19.00	14	22.00	13	26.00	15	26.00	13	29.00	13	44.00	18
1972	21.00	19	23.00	19	24.00	19	24.00	19	27.00	18	28.00	16	30.00	17	32.00	17	41.00	17
1973	18.00	18	18.00	18	18.00	16	20.00	15	22.00	14	23.00	11	24.00	12	27.00	12	36.00	13
1974	8.00	9	8.00	6	9.80	7	22.00	16	37.00	21	41.00	20	45.00	20	52.00	20	65.00	20
1975	8.00	10	9.00	10	9.60	6	11.00	6	12.00	6	13.00	3	14.00	3	17.00	4	32.00	10

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
67.5	45.5	28.7	25.1	28.0	34.9	97.7	782	1522	657	203	98.3
2218	703	141	127	399	435	5329	137200	272900	154900	11000	1576
47.1	26.5	11.9	11.3	20.0	20.8	73.0	370	522	394	105	39.7
3.68	1.49	0.53	1.26	2.72	1.81	1.67	0.59	-0.35	1.10	0.43	0.83
0.70	0.58	0.41	0.45	0.71	0.60	0.75	0.47	0.34	0.60	0.52	0.40
1.88	1.27	0.80	0.70	0.78	0.97	2.72	21.8	42.4	18.3	5.64	2.74

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.77	1.60	1.42	1.36	1.38	1.48	1.89	2.85	3.15	2.74	2.24	1.96
0.04	0.05	0.03	0.03	0.06	0.05	0.08	0.04	0.03	0.07	0.06	0.03
0.20	0.23	0.19	0.18	0.24	0.22	0.29	0.21	0.18	0.27	0.25	0.18
1.21	0.43	-0.16	0.26	0.75	0.52	0.47	0.05	-1.14	-0.21	-0.30	-0.11
0.11	0.14	0.13	0.14	0.17	0.15	0.15	0.07	0.06	0.10	0.11	0.09
7.43	6.70	5.96	5.71	5.77	6.22	7.94	11.9	13.2	11.5	9.41	8.21

06752000 CACHE LA POUDRE RIVER AT MOUTH OF CANYON, NEAR FORT COLLINS, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
300	8978	94.8	-0.20	0.32	0.098

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.45	0.02	0.16	-0.80	0.06	0.134

06752500 CACHE LA POUDRE RIVER NEAR GREELEY, COLO.

LOCATION.--Lat 40°25'04", long 104°38'22", in NW¼ sec.11, T.5 N., R.65 W., Weld County, on right bank 25 ft (8 m) downstream from highway bridge, 2.9 mi (4.7 km) east of courthouse in Greeley, and 3.0 mi (4.8 km) upstream from mouth.

DRAINAGE AREA.--1,877 mi² (4,861 km²).

REMARKS.--Natural flow of stream affected by transmountain and transbasin diversions, storage reservoirs, power developments, diversion for municipal supply, diversions above station for irrigation of about 250,000 acres (1,010 km²), and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CACHE LA POUDRE RIVER NEAR GREELEY, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1915																1	53	28	79	71	78	32	10	5	7	1									
1916																34	45	14	25	25	143	29	27	16	6	1	1								
1917																	23	21	7	78	87	64	21	10			2	2	3	4	4	29	7	1	2
1918																1	26	12	34	29	119	83	17	7	12	3	6	2	9	4	1				
1919													1	9	58	43	20	17	12	19	59	95	32												
1925											7	9	45	32	27	10	22	11	51	113	34	2				1		1							
1926											1	5	19	20	15	17	11	13	72	84	55	10	9	5		5	7	5	5	6	1				
1927								1	1	2	2	1	10	27	23	8	14	20	31	132	65	18	8	2											
1928													7	21	12	18	17	18	48	89	65	31	10	4	6	4	1	5	2	6	1	1			
1929											1	1	4	18	30	22	18	16	21	81	73	64	9	4		2	1								
1930											5	21	31	17	19	18	13	15	27	57	66	60	4	8	1	1	2								
1931										4	17	28	19	23	29	23	19	9	73	60	52	9													
1932							21	8	14	10	20	25	30	20	10	9	22	84	48	27	16			1						1					
1933							2	6	13	4	10	17	42	29	13	18	44	98	36	20	6					2	2	1	2						
1934									10	41	29	17	25	25	16	11	18	26	103	44															
1935									58	43	6	46	36	18	7	26	79	17	10	4	3	1	1	1	1	3	1	1	1	1	1				
1936							3	3	6	23	11	31	45	27	8	22	34	83	50	17	1	1		1											
1937							4	9	15	8	13	34	19	23	24	20	16	96	75	9															
1938									4	10	19	38	41	10	21	13	70	110	21	1	1	2	1	1				2							
1939									5	21	43	30	28	16	37	10	12	11	81	57	12	2													
1940						5	6	14	26	9	38	52	23	23	13	15	57	82	3																
1941										29	34	34	29	33	22	27	111	43	2	1															
1942									3	4	3	27	12	36	9	15	62	94	57	11	1	2	3	1	4		2	3	5	5	6				
1943													33	25	15	12	14	12	40	116	22	6	13	5	9	7	6	14	4	1	3	8			
1944											12	35	21	26	18	22	27	35	100	45	20	2	1		1	1									
1945											2	11	8	7	32	30	60	60	122	32	1														
1946			2	6	1	3	4	7	5	8	5	17	15	22	16	37	30	36	110	32	6	2	1												
1947		2				4	4	3	2	2	4	6	11	26	40	30	29	71	45	57	6	3	2	2	2	2			3	1	2	1	3	2	
1948							2		4	6	43	40	14	13	19	20	14	13	24	120	21	12	1												
1949				4	2	1	1	1	4	5	3	12	24	15	16	21	28	97	101	6	2	1		1	1			1		3	6	7	2		
1950								5	11	23	20	34	31	20	22	9	15	78	75	19	1		1	1											
1951						2	1	1	2	4	3	9	14	32	51	28	31	104	52	12	3	3	5	2	2	1	1		1				1		
1952												1	16	50	22	14	10	11	18	93	107	6	6	1	9	2									
1953										2	7	19	38	38	21	14	15	30	110	57	14														
1954								6	10	39	70	15	17	10	11	12	21	40	77	37															
1955									5	22	39	25	29	19	31	22	48	101	20	1	2					1									
1956										1	41	24	27	14	34	14	30	116	51	2	1	1		1	2	4	2	1							
1957										2	7	10	7	15	23	27	27	98	97	6	3	4	7	2	8	3	3	5	6	4	1				
1958												5	17	25	30	11	8	8	9	40	38	103	20	8	6	5	5	4	3	3	7	10			
1959													4	37	24	13	14	13	24	110	73	15	7	12	12	5	2								
1960											8	18	32	20	13	17	19	14	23	80	96	26													
1961									1	7		2	1	9	11	15	16	15	78	127	20	12	6	5	2	1		4	9	6	8	7	3		
1962												2	3	3	10	11	15	17	28	23	11	34	46	80	41	21	9	5	4	1	1				
1963										3	16	24	23	14	24	14	14	13	23	46	72	61	11	4	2	1									
1964									9	4	19	15	16	14	8	16	23	36	108	83	5	4	5	1											
1965										2	10	6	11	21	16	19	23	72	111	40	6	3	3	2	2		1	3		1	4	3	4	2	
1966										3	27	32	20	27	4	9	16	32	12	80	80	19	3		1										
1967										2	4	10	5	20	30	19	39	111	61	27	7	3	4	2	1	2	3	4	3	3	3	2			
1968										2	6	6	3	7	48	58	23	7	73	114	6	3			7	1	2								
1969										1	1	13	25	22	19	29	24	23	104	74	14	2	3	1	1		1	1	2	5					
1970																1	15	27	54	58	78	93	19	1		1	1	1	1	6	8	1			

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CACHE LA POUDRE RIVER NEAR GREELEY, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1971																6	8	7	27	54	112	27	45	20	5	5	6	15	17	8	3				
1972										2	4	3	23	7	15	17	8	21	25	28	29	129	28	11	5	5	1	1	3	1					
1973															1	3	14	14	48	108	74	38	15	12	2	5	4	2	4	7	12	2			
1974										2		1	1	4	3	10	13	21	31	58	42	77	63	21	3	2	3	1	3	2	3	1			
1975											1		1	6	17	12	22	21	12	78	78	77	14	2	2	7	7	1	3	2	2				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	20453	100.0	12	14.0	956	18329	89.6	24	300	163	785	3.8
1	0.80	2	20453	100.0	13	18.0	995	17373	84.9	25	390	105	622	3.0
2	1.00	2	20451	100.0	14	23.0	1037	16378	80.1	26	500	82	517	2.5
3	1.30	10	20449	100.0	15	30.0	973	15341	75.0	27	650	85	435	2.1
4	1.70	3	20439	99.9	16	38.0	1519	14368	70.2	28	840	93	350	1.7
5	2.20	15	20436	99.9	17	50.0	2312	12849	62.8	29	1100	81	257	1.2
6	2.90	48	20421	99.8	18	64.0	2859	10537	51.5	30	1400	77	176	.8
7	3.80	64	20373	99.6	19	83.0	2892	7678	37.5	31	1800	72	99	.4
8	4.90	208	20309	99.3	20	110.0	1986	4786	23.4	32	2400	20	27	.1
9	6.30	350	20101	98.3	21	140.0	1271	2800	13.7	33	3100	5	7	
10	8.10	611	19751	96.6	22	180.0	481	1529	7.5	34	4000	2	2	
11	11.00	811	19140	93.6	23	230.0	263	1048	5.1					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CACHE LA POUDRE RIVER NEAR GREELEY, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1915	399.0	37	378.0	33	278.0	32	187.0	33	165.0	32	148.0	27	137.0	27	126.0	28	111.0	31
1916	562.0	33	386.0	32	319.0	31	278.0	28	248.0	24	214.0	22	185.0	21	169.0	22	151.0	21
1917	4220.0	1	4010.0	1	3140.0	1	2650.0	1	2390.0	1	1790.0	1	1240.0	1	963.0	1	669.0	1
1918	1610.0	17	1420.0	16	1180.0	15	1030.0	13	660.0	13	466.0	11	340.0	10	284.0	10	227.0	11
1919	212.0	45	208.0	43	204.0	36	198.0	31	192.0	26	168.0	24	158.0	23	156.0	23	150.0	22
1925	765.0	26	356.0	34	217.0	34	132.0	42	112.0	43	108.0	38	104.0	37	98.0	35	95.0	35
1926	1520.0	18	1310.0	19	1130.0	19	905.0	15	541.0	18	399.0	16	327.0	13	267.0	13	207.0	12
1927	276.0	40	245.0	38	181.0	38	156.0	36	139.0	37	127.0	34	120.0	32	113.0	32	107.0	32
1928	1840.0	12	1380.0	17	1230.0	13	797.0	18	484.0	19	409.0	15	328.0	12	256.0	15	196.0	15
1929	621.0	29	505.0	28	326.0	30	194.0	32	175.0	31	160.0	25	147.0	25	133.0	26	124.0	26
1930	607.0	31	524.0	27	362.0	29	204.0	30	164.0	33	143.0	29	129.0	28	133.0	27	125.0	25
1931	169.0	47	154.0	48	153.0	44	144.0	38	133.0	38	122.0	35	116.0	33	109.0	33	98.0	33
1932	1200.0	23	529.0	26	254.0	33	133.0	41	107.0	44	93.0	44	83.0	44	76.0	46	68.0	47
1933	860.0	25	718.0	24	455.0	25	341.0	26	190.0	27	112.0	37	83.0	45	72.0	49	65.0	49
1934	100.0	53	99.0	52	96.0	52	88.0	51	87.0	49	84.0	47	82.0	46	81.0	43	74.0	42
1935	1460.0	19	1220.0	21	819.0	21	450.0	22	279.0	23	153.0	26	108.0	36	87.0	39	70.0	44
1936	268.0	42	158.0	47	98.0	50	85.0	52	82.0	51	72.0	52	66.0	52	62.0	52	56.0	52
1937	92.0	55	88.0	54	86.0	54	81.0	53	78.0	53	75.0	51	70.0	51	67.0	51	64.0	50
1938	717.0	27	349.0	35	180.0	39	115.0	46	81.0	52	59.0	53	58.0	53	56.0	54	48.0	54
1939	144.0	49	137.0	49	127.0	48	119.0	45	103.0	45	92.0	45	88.0	43	83.0	42	77.0	41
1940	78.0	56	68.0	56	59.0	56	57.0	56	55.0	56	53.0	55	53.0	55	51.0	55	41.0	55
1941	108.0	52	77.0	55	62.0	55	61.0	55	59.0	55	52.0	56	47.0	56	45.0	56	40.0	56
1942	1670.0	15	1590.0	12	1490.0	11	1180.0	11	659.0	14	457.0	12	320.0	14	257.0	14	184.0	16
1943	2140.0	8	2010.0	7	1930.0	7	1640.0	7	1150.0	5	797.0	5	577.0	5	455.0	5	332.0	6
1944	399.0	38	313.0	36	178.0	40	121.0	44	118.0	40	106.0	41	94.0	39	87.0	40	84.0	38
1945	125.0	51	100.0	51	97.0	51	93.0	49	88.0	48	81.0	49	77.0	49	74.0	47	70.0	45
1946	184.0	46	171.0	45	133.0	45	100.0	47	91.0	46	84.0	48	79.0	48	74.0	48	68.0	46
1947	3970.0	2	3480.0	2	2750.0	3	1730.0	6	929.0	9	486.0	9	337.0	11	273.0	11	199.0	14
1948	215.0	44	186.0	44	158.0	42	138.0	39	132.0	39	120.0	36	112.0	35	107.0	34	98.0	34
1949	2510.0	6	2310.0	5	2230.0	5	1890.0	4	1150.0	6	595.0	8	413.0	8	326.0	8	235.0	10
1950	272.0	41	210.0	42	129.0	46	88.0	50	83.0	50	80.0	50	75.0	50	71.0	50	63.0	51
1951	2610.0	5	1430.0	15	733.0	22	364.0	23	197.0	25	129.0	33	114.0	34	94.0	36	80.0	40
1952	443.0	36	415.0	31	365.0	28	258.0	29	176.0	30	134.0	30	125.0	30	119.0	31	116.0	27
1953	132.0	50	131.0	50	129.0	47	124.0	43	113.0	42	102.0	42	94.0	40	89.0	38	81.0	39
1954	96.0	54	95.0	53	93.0	53	93.0	48	91.0	47	86.0	46	81.0	47	77.0	45	66.0	48
1955	448.0	34	215.0	41	115.0	49	68.0	54	63.0	54	59.0	54	56.0	54	57.0	53	50.0	53
1956	697.0	28	614.0	25	524.0	24	342.0	25	187.0	28	107.0	39	89.0	41	80.0	44	73.0	43
1957	1440.0	20	1330.0	18	1150.0	16	839.0	16	680.0	12	425.0	13	298.0	16	239.0	16	175.0	18
1958	2130.0	9	2050.0	6	1970.0	6	1760.0	5	1390.0	3	820.0	4	602.0	4	480.0	4	359.0	4
1959	572.0	32	467.0	30	384.0	27	355.0	24	322.0	22	223.0	20	197.0	20	177.0	20	148.0	23
1960	163.0	48	158.0	46	154.0	43	151.0	37	146.0	36	130.0	32	124.0	31	120.0	29	115.0	28
1961	2790.0	4	2570.0	4	2290.0	4	2030.0	3	1610.0	2	962.0	2	668.0	2	517.0	2	368.0	2
1962	1420.0	21	1200.0	22	892.0	20	573.0	21	553.0	17	361.0	17	306.0	15	273.0	12	264.0	7
1963	446.0	35	300.0	37	215.0	35	173.0	34	151.0	34	147.0	28	146.0	26	142.0	24	133.0	24
1964	234.0	43	218.0	40	191.0	37	136.0	40	117.0	41	97.0	43	89.0	42	86.0	41	87.0	36
1965	3400.0	3	3150.0	3	2820.0	2	2110.0	2	1190.0	4	634.0	7	438.0	7	339.0	7	246.0	8
1966	327.0	39	244.0	39	172.0	41	163.0	35	150.0	35	133.0	31	127.0	29	119.0	30	112.0	30
1967	1950.0	10	1830.0	9	1580.0	10	1200.0	10	747.0	11	421.0	14	290.0	17	230.0	17	171.0	19
1968	608.0	30	473.0	29	425.0	26	307.0	27	180.0	29	106.0	40	95.0	38	91.0	37	86.0	37
1969	1380.0	22	1270.0	20	1150.0	17	707.0	19	396.0	20	214.0	21	157.0	24	135.0	25	115.0	29
1970	1890.0	11	1700.0	10	1620.0	8	1470.0	8	876.0	10	482.0	10	352.0	9	297.0	9	241.0	9
1971	1690.0	14	1530.0	13	1210.0	14	1160.0	12	1010.0	7	822.0	3	619.0	3	486.0	3	362.0	3
1972	1140.0	24	922.0	23	643.0	23	584.0	20	346.0	21	192.0	23	179.0	22	172.0	21	158.0	20
1973	2190.0	7	2000.0	8	1580.0	9	1470.0	9	1010.0	8	750.0	6	551.0	6	447.0	6	333.0	5
1974	1810.0	13	1630.0	11	1410.0	12	973.0	14	567.0	15	331.0	19	259.0	18	223.0	18	201.0	13
1975	1610.0	16	1440.0	14	1150.0	18	801.0	17	553.0	16	353.0	18	257.0	19	216.0	19	184.0	17

06752500 CACHE LA POUDRE RIVER NEAR GREELEY, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CACHE LA POUDRE RIVER NEAR GREELEY, CO.

YEAR	1	3	7	14	30	60	90	120	183
1916	37.00 53	39.00 52	41.00 51	42.00 51	43.00 47	49.00 45	67.00 46	74.00 44	101.00 46
1917	32.00 50	32.00 49	32.00 48	33.00 48	42.00 46	64.00 48	66.00 45	74.00 45	81.00 41
1918	40.00 54	42.00 54	44.00 53	46.00 53	51.00 48	61.00 47	91.00 51	109.00 50	117.00 49
1919	36.00 51	37.00 51	38.00 49	40.00 49	52.00 50	91.00 53	126.00 54	132.00 52	136.00 51
1926	10.00 37	10.00 35	10.00 30	11.00 25	17.00 31	22.00 29	33.00 33	40.00 32	37.00 19
1927	10.00 38	13.00 41	15.00 41	19.00 41	20.00 35	25.00 32	48.00 38	70.00 43	82.00 42
1928	4.00 14	6.00 20	9.40 27	15.00 33	22.00 36	43.00 44	50.00 39	55.00 37	65.00 34
1929	14.00 45	14.00 42	15.00 42	17.00 39	22.00 37	27.00 34	63.00 44	88.00 46	96.00 45
1930	10.00 39	15.00 46	18.00 45	22.00 44	30.00 43	35.00 39	50.00 40	58.00 38	76.00 38
1931	10.00 40	10.00 36	10.00 31	13.00 30	14.00 26	18.00 19	28.00 27	38.00 29	57.00 32
1932	3.00 6	3.30 8	4.90 10	6.10 12	8.10 8	11.00 4	14.00 7	15.00 7	22.00 9
1933	3.00 7	3.00 6	3.30 4	9.30 19	10.00 15	15.00 12	18.00 12	22.00 15	27.00 13
1934	3.00 8	3.30 9	4.30 8	5.70 9	13.00 22	23.00 30	26.00 24	29.00 21	47.00 27
1935	5.00 17	5.00 14	5.10 12	5.60 8	6.40 4	6.70 1	8.70 1	9.40 1	13.00 2
1936	5.00 18	5.00 15	5.00 11	5.30 5	5.50 2	16.00 14	18.00 13	22.00 16	36.00 18
1937	3.00 9	3.00 7	4.00 6	5.40 6	6.60 5	17.00 17	18.00 14	20.00 11	24.00 11
1938	3.00 10	3.40 10	3.80 5	4.90 4	7.60 7	12.00 5	12.00 3	14.00 5	17.00 5
1939	5.60 19	5.60 18	7.50 21	7.60 15	12.00 18	21.00 25	36.00 35	34.00 25	38.00 20
1940	3.50 12	5.40 17	6.70 19	7.20 14	8.30 9	12.00 6	12.00 4	13.00 3	14.00 3
1941	2.30 4	2.40 3	2.60 3	3.10 1	4.40 1	7.50 2	12.00 5	14.00 4	16.00 4
1942	6.30 23	6.40 23	6.60 18	8.60 17	9.80 13	16.00 15	18.00 15	18.00 9	19.00 6
1943	5.60 20	6.00 21	6.50 16	10.00 22	12.00 19	16.00 16	26.00 25	34.00 26	56.00 28
1944	14.00 46	14.00 43	14.00 38	15.00 34	16.00 28	19.00 20	23.00 20	26.00 19	41.00 23
1945	8.70 35	8.70 32	9.50 28	10.00 23	11.00 16	15.00 13	17.00 8	20.00 12	28.00 14
1946	11.00 41	12.00 39	19.00 47	24.00 47	34.00 44	39.00 43	41.00 36	43.00 33	44.00 25
1947	0.81 1	1.30 1	1.50 1	3.80 3	9.50 12	14.00 10	20.00 18	22.00 13	30.00 15
1948	2.20 3	2.40 4	6.60 17	17.00 35	23.00 38	29.00 35	29.00 28	38.00 30	56.00 29
1949	3.10 11	3.90 11	6.80 20	8.30 16	9.30 11	12.00 7	12.00 6	15.00 6	19.00 7
1950	1.40 2	1.50 2	1.80 2	3.50 2	14.00 23	19.00 21	19.00 16	27.00 20	45.00 26
1951	4.00 13	4.70 12	5.50 14	6.00 10	7.20 6	13.00 8	17.00 9	18.00 10	21.00 8
1952	2.60 5	2.80 5	4.30 7	17.00 36	23.00 39	34.00 38	56.00 42	54.00 35	73.00 36
1953	13.00 44	14.00 44	14.00 39	18.00 40	18.00 32	21.00 26	23.00 19	35.00 27	57.00 30
1954	7.10 26	7.70 25	10.00 32	12.00 26	16.00 29	19.00 22	20.00 17	22.00 14	26.00 12
1955	4.70 15	4.70 13	4.80 9	5.60 7	6.20 3	9.30 3	10.00 2	11.00 2	12.00 1
1956	5.60 21	5.80 19	6.30 15	7.00 13	8.90 10	15.00 11	17.00 10	23.00 17	23.00 10
1957	8.00 33	8.20 28	8.60 24	9.30 20	13.00 20	14.00 9	17.00 11	17.00 8	33.00 17
1958	7.00 24	7.50 24	11.00 33	17.00 37	27.00 42	30.00 36	34.00 34	55.00 36	91.00 44
1959	11.00 42	12.00 40	13.00 36	17.00 38	19.00 34	21.00 23	28.00 26	37.00 28	62.00 33
1960	16.00 47	17.00 47	18.00 46	22.00 45	23.00 40	26.00 33	32.00 32	51.00 34	77.00 39
1961	8.50 34	9.80 34	12.00 34	13.00 31	14.00 24	18.00 18	25.00 21	31.00 24	39.00 21
1962	5.80 22	6.20 22	8.40 22	12.00 27	36.00 45	66.00 49	81.00 49	148.00 54	195.00 54
1963	12.00 43	14.00 45	17.00 44	20.00 42	51.00 49	57.00 46	80.00 48	91.00 47	109.00 47
1964	7.50 28	8.30 29	8.70 25	11.00 24	13.00 21	21.00 24	30.00 30	30.00 22	39.00 22
1965	4.90 16	5.20 16	5.40 13	6.10 11	11.00 17	23.00 31	26.00 22	30.00 23	42.00 24
1966	7.50 29	8.30 30	9.90 29	12.00 28	14.00 25	38.00 42	53.00 41	68.00 42	81.00 40
1967	7.00 25	7.90 26	8.50 23	8.80 18	10.00 14	22.00 27	26.00 23	25.00 18	30.00 16
1968	10.00 36	11.00 37	16.00 43	22.00 43	25.00 41	36.00 40	45.00 37	59.00 40	70.00 35
1969	7.60 31	8.20 27	9.00 26	10.00 21	17.00 30	32.00 37	32.00 31	40.00 31	57.00 31
1970	7.60 32	9.20 33	13.00 37	14.00 32	15.00 27	22.00 28	29.00 29	58.00 39	90.00 43
1971	36.00 52	40.00 53	42.00 52	43.00 52	57.00 51	72.00 50	79.00 47	92.00 48	124.00 50
1972	30.00 49	33.00 50	41.00 50	42.00 50	63.00 53	82.00 52	106.00 52	124.00 51	142.00 52
1973	7.50 30	8.30 31	12.00 35	13.00 29	18.00 33	36.00 41	61.00 43	64.00 41	75.00 37
1974	23.00 48	29.00 48	49.00 54	50.00 54	61.00 52	102.00 54	120.00 53	137.00 53	156.00 53
1975	7.30 27	11.00 38	15.00 40	23.00 46	69.00 54	77.00 51	82.00 50	99.00 49	116.00 48

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
88.1	109	97.4	87.8	90.6	86.4	82.9	149	318	68.5	38.8	45.7
4214	3368	1267	1110	1707	1174	3927	80260	187000	7338	990	1134
64.9	58.0	35.6	33.3	41.3	34.3	62.7	283	432	85.7	31.5	33.7
1.35	1.81	0.90	0.69	1.39	1.70	1.59	2.64	2.56	2.42	2.48	1.30
0.74	0.53	0.37	0.38	0.46	0.40	0.76	1.90	1.36	1.25	0.81	0.74
6.98	8.62	7.72	6.95	7.18	6.84	6.57	11.8	25.2	5.43	3.07	3.62

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.82	1.97	1.96	1.91	1.92	1.91	1.80	1.73	2.13	1.62	1.48	1.55
0.13	0.07	0.02	0.03	0.03	0.03	0.11	0.31	0.36	0.16	0.09	0.10
0.35	0.27	0.16	0.16	0.18	0.16	0.33	0.56	0.60	0.40	0.30	0.31
-0.44	-1.73	-0.06	0.08	0.30	0.10	-0.29	0.97	0.16	0.82	0.29	0.07
0.19	0.14	0.08	0.09	0.10	0.08	0.18	0.32	0.28	0.25	0.20	0.20
8.35	9.04	8.99	8.77	8.79	8.74	8.28	7.91	9.76	7.43	6.81	7.12

06752500 CACHE LA POUDRE RIVER NEAR GREELEY, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
105	4957	70.4	1.71	0.67	0.385

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.94	0.07	0.27	0.25	0.14	0.534

06753500 LONETREE CREEK NEAR NUNN, COLO.

LOCATION.--Lat 40°46'00", long 104°47'25", in NE¼ sec.8, T.9 N., R.66 W., Weld County, on right bank 200 ft (61 m) upstream from bridge on U.S. Highway 85 and 4.5 mi (7.2 km) north of Nunn.

DRAINAGE AREA.--199 mi² (515 km²).

REMARKS.--Flow is mainly return water from irrigation. Many small diversions for irrigation and small reservoirs for stock water above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LONETREE CREEK NEAR NUNN, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1952	80	55	71	33	45	15	29	17	3	8	2	2	2	2	1	1																			
1953	264	33	22	2	7	3	1	2		1	2	7	8		1	1	1	4	4			1		1											
1954	262	100	1		1			1																											
1955	220	59	12	6	3	7	5	2	2	3			1		2	1	2	6	19	4	1	1	4	1			1		1		2				
1956	88	7	30	59	23	52	50	7	15	8	12	1	2		1	2	1	1	1		1	1	1	1		1	1								
1957	165	69	21	15	7	11	7	1	8	2	8	6	2	5	2	6	2	17	9	1	1														

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1079	2192	100.0	12	2.2	15	132	6.0	24	26		6	.2
1	0.10	323	1113	50.8	13	2.7	7	117	5.3	25	32	1	6	.2
2	0.20	157	790	36.0	14	3.3	7	110	5.0	26	39	2	5	.2
3	0.30	115	633	28.9	15	4.1	11	103	4.7	27	48		3	.1
4	0.40	86	518	23.6	16	5.0	6	92	4.2	28	59	1	3	.1
5	0.50	88	432	19.7	17	6.1	28	86	3.9	29	72		2	
6	0.60	92	344	15.7	18	7.5	33	58	2.6	30	89	2	2	
7	0.80	30	252	11.5	19	9.3	5	25	1.1	31				
8	1.00	28	222	10.1	20	11.0	3	20	0.9	32				
9	1.20	22	194	8.9	21	14.0	3	17	0.8	33				
10	1.50	24	172	7.8	22	17.0	5	14	0.6	34				
11	1.80	16	148	6.8	23	21.0	3	9	0.4					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LONETREE CREEK NEAR NUNN, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1953	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
1954	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.02	4
1955	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	2
1956	0.00	4	0.00	4	0.00	4	0.00	4	0.04	5	0.39	5	0.51	5	0.49	5	0.76	5
1957	0.00	5	0.00	5	0.00	5	0.00	5	0.00	4	0.00	4	0.00	4	0.00	4	0.00	3

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LONETREE CREEK NEAR NUNN, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1952	4.2	5	3.4	5	2.1	5	1.3	5	1.2	5	1.0	5	0.8	5	0.7	5	0.6	5
1953	23.0	3	13.0	3	9.2	3	4.6	4	2.5	4	2.4	4	1.8	4	1.3	4	0.9	4
1954	0.9	6	0.4	6	0.2	6	0.1	6	0.1	6	0.1	6	0.1	6	0.1	6	0.1	6
1955	90.0	1	50.0	1	29.0	1	18.0	1	12.0	1	6.7	1	5.9	1	5.2	1	3.8	1
1956	43.0	2	22.0	2	11.0	2	5.9	3	5.2	3	3.0	3	2.1	3	2.1	3	1.6	3
1957	12.0	4	9.1	4	8.5	4	7.7	2	6.9	2	4.7	2	3.3	2	2.7	2	1.9	2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.12	0.13	0.19	0.12	0.18	0.40	0.34	2.14	3.10	0.33	1.13	0.91
0.05	0.04	0.10	0.04	0.06	0.53	0.14	5.41	14.4	0.25	2.91	4.85
0.22	0.20	0.31	0.20	0.24	0.73	0.37	2.32	3.79	0.50	1.71	2.20
1.94	0.97	1.49	1.60	0.94	2.31	0.62	1.09	1.84	1.98	1.85	2.45
1.81	1.55	1.63	1.66	1.39	1.83	1.09	1.09	1.22	1.52	1.51	2.41
1.34	1.44	2.10	1.35	1.93	4.38	3.79	23.5	34.1	3.62	12.4	10.1

06753500 LONETREE CREEK NEAR NUNN, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
-0.17	-0.14	-0.39	-0.49	-0.63	-0.37	-0.53	-0.21	0.27	-1.01	-0.11	-0.35
0.09	0.04	0.50	0.62	0.62	0.30	0.36	1.06	0.32	0.66	0.47	0.77
0.30	0.21	0.71	0.79	0.79	0.55	0.60	1.03	0.56	0.81	0.69	0.88
-1.89	-0.97	-2.19	-1.95	-1.23	-0.27	-0.85	-0.89	-0.71	0.28	-1.62	-0.47
-1.79	-1.55	-1.81	-1.60	-1.25	-1.48	-1.13	-4.92	2.09	-0.80	-6.24	-2.49
4.03	3.27	9.42	11.9	15.3	8.99	12.8	5.06	-6.53	24.5	2.67	8.51

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.76	0.44	0.66	1.11	0.87	-0.137

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
-0.35	0.39	0.62	-1.49	-1.76	-0.228

06754000 SOUTH PLATTE RIVER NEAR KERSEY, COLO.

LOCATION.--Lat 40°24'44", long 104°33'46", in NW¼SW¼ sec.9, T.5 N., R.64 W., Weld County, on downstream side of bridge on State Highway 37, 1.9 mi (3.1 km) north of railroad in Kersey, and 2.5 mi (4.0 km) downstream from Cache la Poudre River.

DRAINAGE AREA.--9,598 mi² (24,859 km²).

REMARKS.--Natural flow of stream affected by transmountain and transbasin diversions, storage reservoirs, power developments, ground-water withdrawals and diversions for irrigation of about 888,000 acres (3,590 km²), and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER NEAR KERSEY, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1902			12		7	65	6	51	13	9	3	10	8	15	49	81	31	1		1	1	1	1												
1903						7	1	32	48	24	12	28	23	10	78	43	14	18	10	4	8	2		2	1										
1906								1	35	16	25	12	34	54	83	25	29	21	12	8	9	1													
1907									8	7	9	13	4	18	19	53	40	45	23	54	21	15	20	5	10	1									
1908					14	38	45	36	12	24	17	3	18	35	44	69	11																		
1909									6	24	24	4	21	91	38	40	9	43	8	3	7	8	5	6	6	11	6	5							
1910						56	56	19	10	5	10	5	7	6	5	14	89	75	5	3															
1911					7	18	41	44	48	14	26	27	23	58	44	14	1																		
1912							4	7	18	13	9	23	64	108	12	22	17	6	8	6	7	13	11	8	10										
1915										5	11	21	9	13	15	100	72	22	36	9	3	6	2	11	10	14	5	1							
1916						1	32	7	31	21	7	29	1	13	23	37	59	61	28	7	5	2	1	1											
1917									13	27	12	4	13	4	19	123	44	25	14	4	3	5	4	3	2	13	14	13	6						
1918									11	5	15	24	7	31	66	107	46	16	2	5	2	8	7	5	3		1	4							
1919				2	1	13	35	24	16	13	6	10	14	14	19	19	64	96	12	3	2	2													
1920									3	9	13	17	19	47	77	58	58	12	8	16	8	4	5	10	2										
1921										2	7	23	23	40	43	71	51	26	22	9	8	7	4	4	6	2			2	3	1	5	1	2	3
1922					7	11	38	57	15	12	2	5	4	15	67	78	30	24																	
1923								9	15	15	8	18	12	67	44	65	31	24	10	6	7	7	4	4	3	3	1	1	3	5	2	1			
1924								5	23	19	9	4	6	11	9	7	15	30	57	51	21	17	30	8	11	13	2	3	7	8					
1925				1	21	14	17	31	26	25	15	7	13	31	124	18	19	2	1																
1926									7	30	10	23	10	29	57	46	57	14	5	3	1	17	19	5	9	14	6	2	1						
1927							4	8	16	16	17	22	6	30	75	97	29	19	19	5	1		1												
1928									20	6	13	34	11	18	80	85	36	10	9	5	1	5	9	16	4	2	2								
1929					1	6	7	13	21	13	20	16	11	24	50	76	72	14	8	5	5	2	1												
1930					4	12	31	18	13	6	2	12	14	35	60	60	54	21	8	3	2	1	2	3	2	1	1								
1931							9	30	41	20	8	10	11	64	82	51	25	11	3																
1932				1	2	20	21	56	55	15	9	19	26	23	72	40	5		1			1													
1933					9	6	4	31	37	24	16	16	23	91	30	15	4	9	19	8	5	6	1	5	4	1	1								
1934					3	42	44	31	23	9	4	7	30	56	32	82	2																		
1935			4	2	13	42	64	35	22	44	57	26	14	1	1	3	2	6	8	2	6	5	1	2	4		1								
1936					1	9	9	3	20	42	16	12	29	17	49	106	26	4	7	8	5	3													
1937			4	5	6	12	27	30	11	19	3	3	18	53	38	94	34	2	4		1	1													
1938								15	28	21	24	10	21	54	75	18	14	15	13	21	8	14	6	3	1	1		1			2				
1939							70	23	17	14	4	8	5	9	9	46	42	50	16	28	14	5	4	1											
1940					4	18	64	28	34	12	30	18	20	32	35	34	35	1		1															
1941							9	9	13	17	8	49	50	68	70	22	9	17	13	7	1	3													
1942									3	23	13	14	10	33	57	53	27	19	18	10	5	8	8	12	7	7	8	7	1	10	6	6			
1943								4	7	60	13	10	8	8	38	59	88	41	6	3	3	5	11	1											
1944								5	24	35	16	37	37	57	68	16	9	14	19	3	5	2	5	4	8	2									
1945									6	24	23	28	29	78	110	18	11	10	10	5	5	4	1	2	1										

06754000 SOUTH PLATTE RIVER NEAR KERSEY, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER NEAR KERSEY, CO.

NUMBER OF DAYS IN CLASS

CLASS / YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1946				1	3	26	13	19	25	11	9	23	22	32	71	78	29	2		1															
1947										7	9	16	7	40	88	73	29	15	10	9	3	15	11	6	4	4	9	2	3	3	2				
1948							7	26	37	17	2	2	8	6	8	30	35	47	52	37	19	18	5	5	5										
1949								9	35	19	8	16	21	66	78	50	7	5	7	8	2	4	5	2		1	2	1	2	10	5	2			
1950				6	1	9	27	27	23	26	21	17	19	62	83	32	3	2	2	2	3														
1951				1	1	3	3	2	10	41	19	31	64	72	56	21	8	10	8	3	5	2	1	1		1	1		1						
1952									18	17	20	21	17	13	37	137	29	3	8	9	4	8	8	8	5	4									
1953						4	8	11	38	28	17	17	25	77	101	33	3		2	1															
1954			11	6	25	46	26	16	16	35	12	19	26	39	80	8																			
1955		7	7	5	12	22	24	23	27	31	39	57	78	28	2	1				1	1														
1956				2	5	37	44	20	13	11	28	63	83	44	4	1	1		7	2		1													
1957							9	3	6	6	14	17	39	98	34	26	15	5	15	8	11	11	8	6	7	9	9	6	1	2					
1958								2	19	10	8	12	28	18	23	66	53	47	30	8	4	4	1	2	4	1	3	5	13	4					
1959								4	5	18	10	23	30	41	92	69	21	16	23	9	1	1	1		1										
1960						3	6	9	21	27	8	17	8	4	24	123	42	15	22	11	9	10	6	1											
1961							2	1	3	11	5	29	17	19	102	79	29	8	2	3	3	8	9	11	6	6	2	4	5	1					
1962										8	10	12	10	34	9	14	14	28	87	50	33	50	5	1											
1963			5	18	10	21	26	8	12	20	11	7	6	25	96	79	8	6	3	1	1			1			1								
1964				8	6	11	19	22	19	19	16	21	35	100	67	14	2	2	2		1			2											
1965					1	12	6	3	8	6	19	10	35	68	85	30	9	9	9	4	12	4	3	3	6	4	4	4	5	3	2	1			
1966				1	21	22	15	22	15	22	19	18	12	9	26	50	49	33	15	9	3	4													
1967							7	5	14	29	16	20	26	37	111	44	6	3	7	2	4	10	4	11	4	2	3								
1968							9	7	12	25	21	16	27	23	90	116	10	4	3	2	1														
1969						3	1	5	23	7	9	29	19	72	93	30	8	5	4	2	3	3	6	11	5	3	4	8	4	6	1	1			
1970											2	5	7	20	4	21	43	39	44	60	40	23	17	9	6	6	3	11	4	1					
1971										2	7	5	5	12	19	26	46	72	91	18	5	9	6	13	20	6	2	1							
1972					1	4	5	4	14	25	22	21	14	26	16	18	102	70	11	5	1	2	1	2		1	1								
1973												10	14	17	14	40	97	58	29	10	5	14	5		5	3	6	6	4	12	14	1		1	
1974										3	9	23	14	19	11	20	39	58	117	29	10	7	2	2	1		1								
1975								2	1	3	6	7	17	19	26	93	89	50	14	7	5	11	3	5	4	3									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	25567	100.0	12	290.0	1405	18222	71.3	24	3600	187	705	2.7
1	28.00	7	25567	100.0	13	350.0	2550	16817	65.8	25	4500	134	518	2.0
2	35.00	43	25560	100.0	14	440.0	3617	14267	55.8	26	5500	104	384	1.5
3	43.00	64	25517	99.8	15	540.0	3372	10650	41.7	27	6800	86	280	1.0
4	53.00	194	25453	99.6	16	670.0	2095	7278	28.5	28	8400	67	194	.7
5	65.00	579	25259	98.8	17	820.0	1429	5183	20.3	29	10000	68	127	.4
6	81.00	846	24680	96.5	18	1000.0	1173	3754	14.7	30	13000	35	59	.2
7	100.00	981	23834	93.2	19	1300.0	620	2581	10.1	31	16000	17	24	
8	120.00	1210	22853	89.4	20	1600.0	366	1961	7.7	32	20000	1	7	
9	150.00	1190	21643	84.7	21	1900.0	395	1595	6.2	33	24000	3	6	
10	190.00	928	20453	80.0	22	2400.0	273	1200	4.7	34	30000	3	3	
11	230.00	1303	19525	76.4	23	2900.0	222	927	3.6					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER NEAR KERSEY, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1902	2630.0	47	2140.0	47	1150.0	56	759.0	59	718.0	55	676.0	53	645.0	52	626.0	52	561.0	53
1903	3850.0	38	3290.0	38	2540.0	38	2100.0	39	1330.0	43	790.0	48	700.0	49	734.0	46	671.0	42
1906	2020.0	52	1910.0	49	1840.0	45	1680.0	42	1340.0	41	1030.0	42	881.0	41	776.0	42	642.0	44
1907	4540.0	33	4320.0	30	4050.0	28	3220.0	27	2420.0	28	2300.0	21	2060.0	19	1730.0	19	1340.0	21
1908	915.0	67	909.0	64	872.0	61	839.0	56	770.0	52	764.0	50	746.0	46	701.0	47	608.0	49
1909	9660.0	16	8920.0	15	7490.0	15	7020.0	15	5880.0	11	3810.0	14	2890.0	15	2440.0	14	1940.0	12
1910	1630.0	60	1630.0	55	1450.0	49	1350.0	46	1210.0	45	1090.0	40	1060.0	36	1050.0	34	1000.0	28
1911	722.0	68	606.0	69	569.0	69	561.0	68	510.0	69	436.0	68	416.0	68	422.0	68	375.0	68
1912	4430.0	34	4140.0	32	3870.0	29	3420.0	26	2760.0	24	2410.0	20	1830.0	22	1450.0	23	1090.0	26
1915	7840.0	19	6490.0	21	5730.0	19	4680.0	17	4240.0	17	3600.0	16	2750.0	16	2240.0	16	1690.0	17
1916	3320.0	41	2570.0	45	1780.0	46	1510.0	44	1310.0	44	1110.0	38	1010.0	37	915.0	38	866.0	35
1917	8820.0	18	8600.0	16	8240.0	13	8150.0	11	7110.0	7	5500.0	4	3920.0	5	3090.0	5	2230.0	6
1918	7260.0	20	7090.0	18	6040.0	18	4070.0	21	2590.0	26	2020.0	25	1460.0	28	1230.0	28	988.0	30
1919	2030.0	51	1880.0	51	1380.0	52	965.0	53	922.0	48	893.0	45	880.0	42	856.0	39	782.0	38
1920	3890.0	36	3710.0	36	3450.0	31	2940.0	29	2560.0	27	1790.0	29	1470.0	27	1200.0	31	964.0	33
1921	31000.0	1	30300.0	1	27000.0	1	20800.0	1	12000.0	3	6930.0	3	5000.0	3	4000.0	3	2760.0	3
1922	918.0	66	910.0	63	895.0	60	861.0	55	848.0	50	777.0	49	695.0	50	667.0	49	627.0	47
1923	16800.0	6	14700.0	7	13400.0	5	10500.0	5	6020.0	10	3770.0	15	2930.0	14	2350.0	15	1700.0	16
1924	11800.0	11	11700.0	10	11300.0	7	10100.0	6	7370.0	6	5270.0	6	4370.0	4	3580.0	4	2760.0	4
1925	1040.0	65	851.0	66	717.0	65	707.0	63	637.0	59	548.0	61	537.0	60	526.0	60	501.0	58
1926	9020.0	17	7940.0	17	6640.0	17	5540.0	16	4130.0	18	3910.0	13	3140.0	13	2530.0	13	1830.0	13
1927	2410.0	48	1830.0	52	1440.0	50	1290.0	48	903.0	49	729.0	51	636.0	53	611.0	54	606.0	50
1928	6730.0	22	5970.0	22	4670.0	22	4010.0	22	3470.0	19	2440.0	19	1840.0	21	1460.0	22	1140.0	22
1929	2820.0	46	2170.0	46	1760.0	47	1310.0	47	845.0	51	725.0	52	691.0	51	642.0	50	638.0	45
1930	5990.0	26	5080.0	24	4080.0	27	2820.0	30	1610.0	36	999.0	43	723.0	48	747.0	44	670.0	43
1931	1100.0	63	1010.0	62	920.0	59	799.0	58	759.0	54	666.0	54	622.0	55	583.0	55	529.0	57
1932	1960.0	54	1240.0	59	725.0	64	615.0	66	564.0	65	524.0	64	529.0	61	517.0	61	447.0	64
1933	5810.0	27	4350.0	29	3870.0	30	2790.0	31	2260.0	29	1580.0	31	1160.0	34	925.0	37	745.0	40
1934	679.0	69	667.0	67	663.0	67	648.0	64	635.0	60	609.0	57	587.0	57	559.0	58	497.0	59
1935	5700.0	28	4070.0	33	3020.0	34	2150.0	37	2040.0	32	1120.0	36	784.0	45	683.0	48	495.0	60

06754000 SOUTH PLATTE RIVER NEAR KERSEY, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER NEAR KERSEY, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1936	1880.0	56	1740.0	53	1350.0	54	1020.0	52	760.0	53	515.0	65	498.0	65	487.0	64	454.0	63
1937	1920.0	55	1610.0	56	1110.0	58	733.0	61	671.0	58	613.0	56	605.0	56	577.0	56	559.0	54
1938	14200.0	8	11800.0	9	6730.0	16	4580.0	19	2790.0	23	1480.0	32	1200.0	33	1220.0	29	1120.0	25
1939	3450.0	40	2910.0	40	2280.0	41	2130.0	38	1840.0	34	1610.0	30	1270.0	30	1160.0	32	1060.0	27
1940	1060.0	64	666.0	68	656.0	68	638.0	65	605.0	63	556.0	60	500.0	63	466.0	65	381.0	67
1941	2160.0	50	1890.0	50	1440.0	51	1090.0	51	992.0	47	892.0	46	744.0	47	642.0	51	563.0	52
1942	18100.0	4	17600.0	3	15500.0	3	14800.0	2	12100.0	2	8060.0	2	6230.0	2	5030.0	2	3470.0	2
1943	2970.0	45	2870.0	42	2670.0	37	2580.0	33	1980.0	33	1360.0	33	1090.0	35	956.0	35	845.0	36
1944	4790.0	32	4560.0	28	4410.0	23	3830.0	23	2840.0	22	1950.0	26	1500.0	26	1240.0	26	965.0	32
1945	3870.0	37	3310.0	37	2790.0	36	2040.0	40	1520.0	38	927.0	44	867.0	43	743.0	45	638.0	46
1946	1470.0	61	870.0	65	762.0	62	718.0	62	691.0	57	653.0	55	633.0	54	614.0	53	572.0	51
1947	13900.0	9	13100.0	8	11300.0	8	8880.0	10	6370.0	8	4540.0	9	3380.0	11	2680.0	11	1990.0	11
1948	4100.0	35	3730.0	35	3360.0	32	3030.0	28	2230.0	30	1880.0	27	1690.0	24	1650.0	20	1370.0	20
1949	17200.0	5	16000.0	4	14500.0	4	13000.0	4	9120.0	4	5140.0	7	3640.0	8	2860.0	8	2060.0	7
1950	1780.0	58	1730.0	54	1340.0	55	750.0	60	565.0	64	529.0	63	500.0	64	495.0	63	466.0	62
1951	9690.0	15	7000.0	19	4300.0	25	2410.0	34	1360.0	40	1100.0	39	919.0	40	761.0	43	615.0	48
1952	5120.0	31	4700.0	26	4130.0	26	3650.0	24	3070.0	21	2260.0	22	1710.0	23	1410.0	24	1130.0	24
1953	1320.0	62	1090.0	61	743.0	63	593.0	67	533.0	67	531.0	62	505.0	62	497.0	62	468.0	61
1954	604.0	70	587.0	70	563.0	70	538.0	69	511.0	68	497.0	66	486.0	66	461.0	66	399.0	66
1955	1660.0	59	1220.0	60	701.0	66	428.0	70	346.0	70	337.0	70	323.0	70	318.0	70	284.0	70
1956	1990.0	53	1590.0	57	1360.0	53	956.0	54	556.0	66	359.0	69	352.0	69	338.0	69	311.0	69
1957	11900.0	10	9510.0	13	7840.0	14	7300.0	14	5770.0	12	4470.0	10	3450.0	9	2780.0	9	2000.0	9
1958	10800.0	13	10700.0	11	10100.0	10	9360.0	7	7920.0	5	4760.0	8	3400.0	10	2690.0	10	2000.0	10
1959	3640.0	39	2920.0	39	2050.0	43	1420.0	45	1130.0	46	1040.0	41	931.0	39	848.0	40	730.0	41
1960	3310.0	42	2900.0	41	2310.0	40	1920.0	41	1610.0	35	1310.0	34	1270.0	31	1140.0	33	947.0	34
1961	10100.0	14	9380.0	14	8730.0	12	7510.0	13	5540.0	15	3500.0	17	2530.0	18	2050.0	18	1590.0	18
1962	3170.0	43	2740.0	43	2340.0	39	2270.0	36	2140.0	31	2090.0	24	1860.0	20	1650.0	21	1540.0	19
1963	6440.0	24	3820.0	34	2110.0	42	1110.0	49	620.0	62	585.0	58	566.0	59	555.0	59	548.0	56
1964	3160.0	44	2610.0	44	1710.0	48	1090.0	50	704.0	56	467.0	67	452.0	67	440.0	67	429.0	65
1965	16200.0	7	15200.0	5	12400.0	6	9340.0	8	5610.0	14	4300.0	12	3160.0	12	2570.0	12	1800.0	14
1966	2300.0	49	2080.0	48	1910.0	44	1620.0	43	1400.0	39	1120.0	37	1010.0	38	927.0	36	789.0	37
1967	6400.0	25	5920.0	23	5040.0	21	4100.0	20	3390.0	20	2250.0	23	1580.0	25	1280.0	25	995.0	29
1968	1860.0	57	1440.0	58	1120.0	57	832.0	57	634.0	61	579.0	59	568.0	58	568.0	57	550.0	55
1969	18400.0	3	15100.0	6	10400.0	9	9080.0	9	6270.0	9	5440.0	5	3740.0	6	2880.0	7	2050.0	8
1970	11700.0	12	9750.0	12	8840.0	11	8090.0	12	5730.0	13	4400.0	11	3690.0	7	3050.0	6	2280.0	5
1971	7260.0	21	6610.0	20	5190.0	20	4640.0	18	4310.0	16	3430.0	18	2600.0	17	2140.0	17	1750.0	15
1972	5500.0	29	4640.0	27	3160.0	33	2280.0	35	1330.0	42	851.0	47	844.0	44	833.0	41	767.0	39
1973	26100.0	2	19600.0	2	16300.0	2	14300.0	3	12200.0	1	9250.0	1	6600.0	1	5240.0	1	3720.0	1
1974	6710.0	23	4220.0	31	2860.0	35	2610.0	32	1550.0	37	1290.0	35	1240.0	32	1210.0	30	1140.0	23
1975	5200.0	30	5000.0	25	4320.0	24	3530.0	25	2640.0	25	1820.0	28	1430.0	29	1230.0	27	987.0	31

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER NEAR KERSEY, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1903	42.00	6	42.00	6	42.00	3	44.00	2	67.00	6	88.00	7	104.00	6	112.00	7	157.00	10
1906	140.00	56	140.00	53	140.00	52	141.00	48	150.00	38	158.00	27	160.00	21	198.00	24	289.00	26
1907	110.00	42	123.00	48	127.00	47	133.00	44	136.00	32	194.00	36	262.00	35	319.00	36	557.00	52
1908	121.00	49	124.00	49	127.00	48	149.00	50	209.00	52	390.00	58	468.00	55	526.00	54	580.00	54
1909	67.00	26	67.00	23	68.00	21	73.00	18	106.00	22	117.00	19	128.00	15	131.00	9	142.00	6
1910	180.00	64	180.00	62	196.00	62	206.00	59	216.00	53	435.00	64	942.00	68	960.00	67	1010.00	67
1911	90.00	36	90.00	34	93.00	31	94.00	25	95.00	17	98.00	8	101.00	3	104.00	4	146.00	8
1912	62.00	23	63.00	21	63.00	17	73.00	19	77.00	10	86.00	6	114.00	8	132.00	10	124.00	4
1915	230.00	68	233.00	68	261.00	68	334.00	69	545.00	69	634.00	68	646.00	65	653.00	61	701.00	57
1916	160.00	60	172.00	60	188.00	59	208.00	60	264.00	56	346.00	53	398.00	49	557.00	55	703.00	58
1917	80.00	30	83.00	30	85.00	28	94.00	26	103.00	21	168.00	31	211.00	31	217.00	28	311.00	27
1918	145.00	57	145.00	55	149.00	54	157.00	54	161.00	42	185.00	34	279.00	38	378.00	41	463.00	41
1919	133.00	52	133.00	51	133.00	49	151.00	52	244.00	55	392.00	59	559.00	61	616.00	58	712.00	59
1920	51.00	16	55.00	16	65.00	19	76.00	21	97.00	18	110.00	14	203.00	28	201.00	25	280.00	24
1921	138.00	54	148.00	56	162.00	56	191.00	56	302.00	59	381.00	56	368.00	48	434.00	48	536.00	50
1922	184.00	65	190.00	65	204.00	64	226.00	62	314.00	61	422.00	62	466.00	54	522.00	53	575.00	53
1923	54.00	18	54.00	13	56.00	12	64.00	13	97.00	19	100.00	9	107.00	7	110.00	6	120.00	3
1924	133.00	53	134.00	52	139.00	51	186.00	55	291.00	57	428.00	63	1040.00	69	1160.00	69	1340.00	69
1925	112.00	44	115.00	42	118.00	41	123.00	38	134.00	30	163.00	30	252.00	34	313.00	34	378.00	35
1926	50.00	11	52.00	11	57.00	13	60.00	10	73.00	9	84.00	5	122.00	10	144.00	16	172.00	12
1927	140.00	55	142.00	54	147.00	53	149.00	51	177.00	47	201.00	38	293.00	41	380.00	42	453.00	39
1928	93.00	38	97.00	38	99.00	37	129.00	41	178.00	48	339.00	52	408.00	51	436.00	49	473.00	42
1929	125.00	51	127.00	50	134.00	50	136.00	45	152.00	40	199.00	37	333.00	45	417.00	47	488.00	44
1930	63.00	24	70.00	26	79.00	26	95.00	27	125.00	25	170.00	32	216.00	33	302.00	33	430.00	37
1931	63.00	25	63.00	22	78.00	23	82.00	23	90.00	15	105.00	11	142.00	20	197.00	23	473.00	43
1932	94.00	39	95.00	37	98.00	36	99.00	30	114.00	24	124.00	22	128.00	16	133.00	12	228.00	18
1933	51.00	12	58.00	17	63.00	18	68.00	16	83.00	13	121.00	20	122.00	11	146.00	17	147.00	9
1934	54.00	19	54.00	14	55.00	10	61.00	11	136.00	31	187.00	35	329.00	43	363.00	39	421.00	36
1935	57.00	20	60.00	19	67.00	20	70.00	17	72.00	7	80.00	3	80.00	1	83.00	1	96.00	1
1936	35.00	2	35.00	2	42.00	4	55.00	7	78.00	11	126.00	23	212.00	32	246.00	30	334.00	29
1937	51.00	13	53.00	12	55.00	11	64.00	12	129.00	28	253.00	44	266.00	37	318.00	35	342.00	31
1938	40.00	4	41.00	4	43.00	5	50.00	4	82.00	12	111.00	15	122.00	12	132.00	11	214.00	17
1939	100.00	40	103.00	39	108.00	39	117.00	34	140.00	33	223.00	41	503.00	57	762.00	64	832.00	63
1940	83.00	32	85.00	31	86.00	29	89.00	24	94.00	16	101.00	10	103.00	5	106.00	5	132.00	5

06754000 SOUTH PLATTE RIVER NEAR KERSEY, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER NEAR KERSEY, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1941	47.00	9	48.00	9	50.00	8	56.00	8	63.00	4	76.00	2	101.00	4	95.00	2	143.00	7
1942	90.00	37	92.00	35	96.00	34	124.00	39	192.00	50	324.00	50	338.00	46	402.00	45	490.00	45
1943	146.00	58	148.00	57	153.00	55	155.00	53	170.00	44	234.00	42	308.00	42	396.00	44	532.00	48
1944	114.00	45	115.00	43	118.00	42	136.00	46	151.00	39	161.00	28	171.00	25	195.00	21	246.00	20
1945	110.00	43	116.00	45	122.00	44	130.00	42	143.00	36	153.00	24	161.00	22	196.00	22	283.00	25
1946	124.00	50	160.00	58	188.00	60	248.00	65	311.00	60	412.00	61	482.00	56	474.00	51	549.00	51
1947	51.00	14	59.00	18	62.00	16	67.00	14	128.00	27	162.00	29	163.00	23	179.00	20	212.00	16
1948	173.00	63	179.00	61	193.00	61	232.00	63	340.00	64	381.00	57	509.00	58	629.00	60	641.00	55
1949	86.00	35	89.00	32	98.00	35	103.00	31	113.00	23	124.00	21	127.00	14	167.00	19	256.00	22
1950	114.00	46	115.00	44	119.00	43	121.00	37	133.00	29	170.00	33	210.00	29	286.00	32	354.00	33
1951	45.00	8	47.00	8	51.00	9	74.00	20	102.00	20	112.00	16	132.00	17	142.00	15	210.00	15
1952	51.00	15	62.00	20	78.00	24	110.00	32	226.00	54	303.00	49	452.00	53	481.00	52	534.00	49
1953	120.00	48	120.00	46	123.00	45	137.00	47	145.00	37	202.00	39	210.00	30	250.00	31	332.00	28
1954	74.00	28	74.00	28	85.00	27	117.00	33	140.00	34	158.00	25	197.00	27	209.00	26	246.00	21
1955	39.00	3	39.00	3	39.00	2	41.00	1	49.00	1	61.00	1	83.00	2	103.00	3	98.00	2
1956	28.00	1	29.00	1	33.00	1	54.00	6	63.00	5	117.00	17	116.00	9	135.00	13	170.00	11
1957	49.00	10	51.00	10	59.00	15	68.00	15	73.00	8	108.00	12	135.00	19	136.00	14	186.00	13
1958	150.00	59	222.00	67	244.00	66	314.00	68	455.00	68	531.00	67	619.00	63	671.00	62	714.00	60
1959	115.00	47	120.00	47	126.00	46	130.00	43	179.00	49	258.00	46	283.00	39	322.00	37	377.00	34
1960	108.00	41	110.00	41	116.00	40	142.00	49	203.00	51	255.00	45	264.00	36	375.00	40	456.00	40
1961	75.00	29	75.00	29	78.00	25	97.00	28	127.00	26	158.00	26	189.00	26	241.00	29	337.00	30
1962	84.00	33	105.00	40	174.00	57	201.00	58	298.00	58	352.00	55	530.00	60	963.00	68	1250.00	68
1963	161.00	61	166.00	59	182.00	58	200.00	57	316.00	62	350.00	54	440.00	52	467.00	50	491.00	46
1964	41.00	5	42.00	5	43.00	6	45.00	3	49.00	2	82.00	4	169.00	24	214.00	27	257.00	23
1965	43.00	7	44.00	7	44.00	7	52.00	5	90.00	14	108.00	13	134.00	18	156.00	18	241.00	19
1966	60.00	22	68.00	24	71.00	22	80.00	22	143.00	35	326.00	51	575.00	62	628.00	59	801.00	62
1967	52.00	17	55.00	15	58.00	14	58.00	9	61.00	3	117.00	18	123.00	13	127.00	8	189.00	14
1968	82.00	31	89.00	33	102.00	38	126.00	40	168.00	43	274.00	48	354.00	47	394.00	43	450.00	38
1969	86.00	34	92.00	36	94.00	33	99.00	29	154.00	41	267.00	47	289.00	40	325.00	38	345.00	32
1970	68.00	27	73.00	27	93.00	32	120.00	35	176.00	45	246.00	43	332.00	44	596.00	57	927.00	66
1971	208.00	67	221.00	66	255.00	67	308.00	67	438.00	67	521.00	66	697.00	66	774.00	65	891.00	64
1972	168.00	62	185.00	63	197.00	63	225.00	61	323.00	63	437.00	65	638.00	64	703.00	63	751.00	61
1973	58.00	21	69.00	25	92.00	30	120.00	36	177.00	46	209.00	40	401.00	50	407.00	46	504.00	47
1974	264.00	69	268.00	69	287.00	69	290.00	66	348.00	65	659.00	69	844.00	67	902.00	66	903.00	65
1975	184.00	66	187.00	64	207.00	65	233.00	64	359.00	66	392.00	60	521.00	59	572.00	56	650.00	56

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
573	664	623	582	591	593	724	1404	1994	559	379	418
135100	148000	58930	38010	45480	90150	618400	4220000	6076000	403500	120200	196100
368	385	243	195	213	300	786	2054	2465	635	347	443
1.49	2.28	1.31	1.36	1.78	1.75	3.32	2.89	1.84	1.62	2.03	3.30
0.64	0.58	0.39	0.34	0.36	0.51	1.09	1.46	1.24	1.14	0.91	1.06
6.29	7.29	6.85	6.39	6.49	6.52	7.95	15.4	21.9	6.14	4.16	4.59

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.67	2.76	2.77	2.74	2.75	2.73	2.70	2.77	2.96	2.52	2.45	2.48
0.08	0.05	0.02	0.02	0.02	0.04	0.13	0.35	0.35	0.19	0.11	0.11
0.29	0.22	0.16	0.13	0.14	0.19	0.36	0.59	0.59	0.43	0.33	0.33
-0.36	-0.25	0.22	0.28	0.12	0.48	0.31	0.13	-0.01	0.62	0.51	0.56
0.11	0.08	0.06	0.05	0.05	0.07	0.13	0.21	0.20	0.17	0.13	0.13
8.27	8.56	8.56	8.49	8.51	8.45	8.37	8.59	9.16	7.80	7.57	7.67

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
758	204700	452	1.19	0.60	0.063

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.81	0.06	0.25	0.17	0.09	0.153

06756500 CROW CREEK NEAR BARNESVILLE, COLO.

LOCATION.--Lat 40°29'35", long 104°26'35", in NE¼NW¼ sec.16, T.6 N., R.63 W., Weld County, on left bank 1 mi (1.6 km) upstream from wasteway of Greeley Canal No. 2, 2 mi (3.2 km) northeast of Barnesville, and 15.5 mi (24.9 km) upstream from mouth.

DRAINAGE AREA.--1,324 mi² (3,429 km²), of which 112 mi² (290 km²) is probably noncontributing.

REMARKS.--No flow while station was in operation from July 25, 1951, to Sept. 30, 1957. All flow above station is normally diverted or stored in numerous small reservoirs for municipal supply, stock water, and irrigation.

06757000 SOUTH PLATTE RIVER AT SUBLETTE, COLO.

LOCATION.--Lat 40°18'14", long 104°10'43", in NW¼ sec.23, T.4 N., R.61 W., Weld County, on right bank 30 ft (9 m) upstream from highway bridge, 0.2 mi (0.3 km) south of Sublette, and 3.5 mi (5.6 km) east of Masters.

DRAINAGE AREA.--12,170 mi² (31,520 km²).

REMARKS.--Natural flow of stream affected by transmountain and transbasin diversions, storage reservoirs, power developments, ground-water withdrawals and diversions above station for irrigation of about 940,000 acres (3,800 km²), and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT SUBLETTE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1927						11	28	37	8	16	44	51	25	31	32	32	27	8	1	4	6	4													
1928					6	32	40	6	8	12	18	16	49	37	41	17	15	18	7	10	10	2	6	4	2	3	4	1		2					
1929					3	19	28	14	17	18	42	24	27	31	29	23	17	29	15	14	3	8	3	1											
1930						18	33	40	30	26	47	32	30	20	23	11	7	13	14	11	4			1	4		1								
1931					9	75	32	27	9	62	54	31	11	14	4	4	13	17	3																
1932				2	47	38	30	23	37	73	35	44	19	16	1				1																
1933				4	48	52	21	16	18	44	33	24	28	14	8	5	6	15	9	13	1	3	2		1										
1934			1	33	33	26	31	55	31	31	55	40	11	11	5	2																			
1935			10	17	59	25	38	24	21	57	26	54	10	5	3	1	1	1	1	2	2	3	3	1			1								
1936				18	30	30	9	12	34	79	56	22	27	20	12	1	5	3	1	6	1														
1937				3	61	38	23	7	32	57	28	32	12	13	7	13	20	9	4	3	1		2												
1938				73	20	14	17	16	16	11	18	30	25	23	23	16	7	18	10	5	6	3	8	2			1			1		2			
1939							21	11	26	61	26	18	14	26	16	20	9	12	13	38	9	2	21	14	4	3		1							
1940					4	62	29	65	63	50	56	15	17	2		2		1																	
1941		8	50	51	9	8	11	16	20	16	36	28	23	15	13	21	10	8	6	8	5	1	2												
1944						44	51	28	11	17	23	41	27	12	23	16	7	11	9	12	7	5	2	1	4	6	7	2							
1945					19	14	96	20	20	33	15	22	27	29	20	21	11	8	3	1	1		2	2		1									
1946						20	16	16	17	46	41	41	31	18	29	11	12	34	25	7	1														
1947					20	11	7	10	12	31	20	28	41	32	27	24	11	9	5	9	15	3	10	9	3	2	2	5	4	6	2	2	3	2	
1948										14	37	36	10	22	35	40	35	29	23	20	18	14	21	6	6										
1949				1	51	7	33	5	3	15	34	65	54	21	19	6	5	4	4	3	5	5	1	2		1	1		1		2	4	4	7	2
1950				5	9	25	18	23	36	69	40	43	31	28	15	13	3	3		2	1	1													
1951				51	43	37	17	17	22	23	18	12	17	24	17	24	14	12	5	8	1				1	1					1				
1952						25	9	17	7	20	14	27	55	59	49	16	12	8	5	10	5	5	3	5		3	7	4	1						
1953					57	39	30	5	10	18	43	65	48	18	3	13	8	4	3	1															
1954				57	45	8	31	42	95	48	15	10	7	4	2	1																			
1955				14	14	51	33	65	34	44	23	28	35	17	4		1	1	1																

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	9862	100.0	12	230.0	711	3395	34.4	24	2300	25	128	1.2
1	29.00	8	9862	100.0	13	280.0	562	2684	27.2	25	2700	20	103	1.0
2	35.00	61	9854	99.9	14	340.0	460	2122	21.5	26	3300	24	83	.8
3	42.00	329	9793	99.3	15	410.0	353	1662	16.9	27	4000	13	59	.5
4	51.00	587	9464	96.0	16	500.0	256	1309	13.3	28	4800	6	46	.4
5	62.00	729	8877	90.0	17	600.0	275	1053	10.7	29	5800	9	40	.4
6	75.00	732	8148	82.6	18	730.0	168	778	7.9	30	7000	5	31	.3
7	90.00	617	7416	75.2	19	880.0	187	610	6.2	31	8500	8	26	.2
8	110.00	637	6799	68.9	20	1100.0	102	423	4.3	32	10000	7	18	.1
9	130.00	991	6162	62.5	21	1300.0	59	321	3.3	33	12000	9	11	.1
10	160.00	897	5171	52.4	22	1500.0	86	262	2.7	34	15000	2	2	
11	190.00	879	4274	43.3	23	1900.0	48	176	1.8					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT SUBLETTE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1927	1450.0	17	1400.0	17	1310.0	15	1020.0	13	729.0	15	551.0	16	459.0	16	429.0	15	396.0	12
1928	6780.0	5	5720.0	4	3950.0	4	3200.0	5	2220.0	5	1580.0	6	1250.0	6	1030.0	7	765.0	7
1929	1900.0	14	1830.0	13	1470.0	13	1160.0	11	789.0	14	564.0	15	497.0	13	539.0	10	453.0	9
1930	3530.0	10	2860.0	9	2400.0	9	1520.0	9	1000.0	9	642.0	12	494.0	14	424.0	16	332.0	16
1931	803.0	23	745.0	22	657.0	21	622.0	20	512.0	19	374.0	19	328.0	20	323.0	19	271.0	18
1932	809.0	22	488.0	24	372.0	24	276.0	24	219.0	26	206.0	25	194.0	24	194.0	24	181.0	23
1933	2430.0	13	1490.0	16	1310.0	14	943.0	14	871.0	11	677.0	10	537.0	11	463.0	13	391.0	13
1934	419.0	27	383.0	26	300.0	25	255.0	27	231.0	24	217.0	23	204.0	23	197.0	23	172.0	24
1935	3630.0	9	2480.0	10	1560.0	12	927.0	15	827.0	12	504.0	17	385.0	17	332.0	18	254.0	20
1936	1160.0	19	1020.0	19	971.0	18	643.0	19	473.0	20	327.0	22	303.0	22	274.0	22	253.0	21
1937	1820.0	15	1530.0	15	1120.0	17	709.0	18	535.0	18	386.0	18	369.0	18	369.0	17	300.0	17
1938	9700.0	3	8570.0	3	4740.0	3	2800.0	6	1610.0	7	915.0	8	770.0	8	836.0	8	653.0	8
1939	4000.0	8	3350.0	8	2750.0	7	2440.0	7	2030.0	6	1700.0	5	1280.0	4	1200.0	3	977.0	3
1940	639.0	25	442.0	25	284.0	27	269.0	25	209.0	27	160.0	26	159.0	26	150.0	26	150.0	26
1941	1800.0	16	1630.0	14	1240.0	16	808.0	17	624.0	17	578.0	14	497.0	12	473.0	12	385.0	14
1944	4080.0	7	3920.0	7	3670.0	6	3280.0	3	2500.0	4	1710.0	4	1280.0	5	1060.0	5	766.0	6
1945	2850.0	11	2270.0	12	1740.0	11	1130.0	12	824.0	13	590.0	13	490.0	15	439.0	14	366.0	15
1946	1110.0	20	950.0	20	929.0	19	874.0	16	728.0	16	673.0	11	632.0	10	524.0	11	399.0	11
1947	12000.0	2	11700.0	2	10600.0	2	8270.0	2	5840.0	2	3850.0	2	2830.0	2	2210.0	2	1610.0	2
1948	2640.0	12	2460.0	11	2340.0	10	1930.0	8	1440.0	8	1250.0	7	1210.0	7	1130.0	4	975.0	4
1949	16800.0	1	15500.0	1	14300.0	1	12600.0	1	8150.0	1	4440.0	1	3080.0	1	2370.0	1	1630.0	1
1950	1300.0	18	1190.0	18	908.0	20	575.0	21	407.0	22	362.0	21	324.0	21	284.0	21	245.0	22

06757000 SOUTH PLATTE RIVER AT SUBLETTE, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT SUBLETTE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1951	8020.0	4	4390.0	5	2460.0	8	1390.0	10	877.0	10	693.0	9	640.0	9	572.0	9	429.0	10
1952	4830.0	6	4350.0	6	3920.0	5	3270.0	4	2520.0	3	1740.0	3	1290.0	3	1050.0	6	786.0	5
1953	938.0	21	841.0	21	656.0	22	554.0	22	435.0	21	366.0	20	340.0	19	308.0	20	265.0	19
1954	444.0	26	337.0	27	293.0	26	266.0	26	228.0	25	154.0	27	131.0	27	130.0	27	124.0	27
1955	762.0	24	685.0	23	500.0	23	343.0	23	258.0	23	207.0	24	168.0	25	162.0	25	152.0	25

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT SUBLETTE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1927	66.00	24	67.00	24	69.00	25	72.00	25	85.00	23	88.00	19	109.00	18	143.00	19	208.00	21
1928	53.00	14	59.00	20	64.00	21	65.00	19	68.00	19	82.00	18	136.00	21	143.00	20	194.00	20
1929	55.00	16	58.00	18	62.00	18	66.00	20	72.00	21	105.00	21	150.00	24	195.00	24	273.00	24
1930	60.00	21	65.00	23	68.00	23	70.00	24	95.00	24	117.00	23	115.00	19	132.00	18	260.00	23
1931	56.00	19	58.00	19	62.00	19	64.00	18	65.00	18	68.00	13	70.00	12	71.00	10	125.00	15
1932	50.00	12	52.00	13	53.00	13	57.00	13	58.00	12	65.00	11	67.00	8	70.00	9	97.00	5
1933	50.00	13	50.00	12	50.00	10	52.00	10	57.00	11	64.00	10	67.00	9	67.00	7	97.00	6
1934	41.00	3	43.00	5	45.00	5	47.00	7	48.00	5	50.00	5	55.00	6	62.00	5	99.00	7
1935	35.00	2	38.00	2	39.00	2	40.00	2	52.00	8	53.00	6	54.00	5	67.00	8	100.00	8
1936	43.00	8	46.00	9	48.00	8	48.00	8	50.00	6	56.00	7	67.00	10	77.00	11	107.00	10
1937	49.00	10	50.00	10	51.00	11	53.00	11	56.00	10	57.00	8	58.00	7	62.00	6	121.00	13
1938	42.00	4	43.00	6	45.00	6	46.00	4	47.00	3	48.00	2	48.00	2	55.00	4	87.00	3
1939	75.00	26	76.00	26	78.00	26	80.00	26	96.00	25	203.00	25	300.00	26	460.00	27	531.00	27
1940	60.00	22	61.00	21	62.00	20	63.00	17	64.00	17	75.00	15	76.00	13	82.00	14	109.00	11
1941	29.00	1	32.00	1	34.00	1	36.00	1	37.00	1	40.00	1	41.00	1	43.00	1	78.00	1
1942	56.00	20	56.00	15	58.00	17	59.00	16	60.00	14	120.00	24	148.00	23	163.00	22	181.00	19
1945	55.00	17	56.00	16	56.00	15	57.00	14	60.00	15	75.00	16	77.00	14	78.00	12	100.00	9
1946	68.00	25	68.00	25	69.00	24	69.00	23	116.00	26	220.00	26	249.00	25	258.00	25	366.00	25
1947	56.00	18	56.00	17	57.00	16	57.00	15	64.00	16	115.00	22	138.00	22	153.00	21	180.00	18
1948	107.00	27	113.00	27	127.00	27	143.00	27	186.00	27	356.00	27	411.00	27	402.00	26	416.00	26
1949	49.00	11	50.00	11	51.00	12	51.00	9	52.00	7	57.00	9	101.00	16	130.00	17	139.00	16
1950	42.00	5	43.00	7	49.00	9	66.00	21	73.00	22	78.00	17	87.00	15	102.00	15	149.00	17
1951	42.00	6	42.00	3	43.00	3	43.00	3	43.00	2	49.00	3	50.00	3	54.00	2	78.00	2
1952	64.00	23	65.00	22	66.00	22	67.00	22	70.00	20	100.00	20	133.00	20	174.00	23	212.00	22
1953	54.00	15	54.00	14	54.00	14	55.00	12	59.00	13	68.00	12	70.00	11	79.00	13	116.00	12
1954	45.00	9	46.00	8	46.00	7	47.00	5	48.00	4	49.00	4	51.00	4	55.00	3	92.00	4
1955	42.00	7	42.00	4	45.00	4	47.00	6	53.00	9	70.00	14	108.00	17	104.00	16	124.00	14

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
201	137	148	191	217	285	337	508	1000	330	300	293
8195	8844	30900	46830	59330	164800	105600	269100	3149000	97180	48850	78290
90.5	94.0	176	216	244	406	325	519	1775	312	221	280
2.33	2.21	2.66	2.14	1.95	3.02	2.50	2.38	3.35	3.23	1.82	4.16
0.45	0.69	1.19	1.13	1.12	1.42	0.96	1.02	1.77	0.95	0.74	0.96
5.09	3.47	3.76	4.85	5.50	7.22	8.54	12.9	25.3	8.35	7.59	7.42

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.27	2.07	2.01	2.09	2.13	2.24	2.40	2.56	2.70	2.41	2.39	2.38
0.03	0.05	0.11	0.16	0.17	0.14	0.09	0.12	0.20	0.08	0.07	0.05
0.16	0.23	0.33	0.39	0.41	0.38	0.31	0.34	0.45	0.28	0.26	0.23
0.87	1.00	1.45	0.78	0.65	1.21	0.95	0.75	1.09	1.02	0.72	1.83
0.07	0.11	0.16	0.19	0.19	0.17	0.13	0.13	0.17	0.11	0.11	0.10
8.21	7.47	7.27	7.54	7.70	8.11	8.69	9.25	9.76	8.73	8.64	8.62

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
328	47500	218	1.49	0.66	0.354

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.44	0.07	0.26	0.47	0.11	0.393

06758000 KIOWA CREEK AT ELBERT, COLO.

LOCATION.--Lat 39°12'35", long 104°32'00", in SE¼NE¼ sec.3, T.10 S., R.64 W., Elbert County, on right bank 0.2 mi (0.3 km) southeast of Elbert and 0.5 mi (0.8 km) upstream from West Kiowa Creek.

DRAINAGE AREA.--28.6 mi² (74.1 km²).

REMARKS.--Floodflows decreased by a series of retarding dams on Kiowa Creek and tributaries above this station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
KIOWA CREEK AT ELBERT, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1956	366																																		
1957	358	3	1	1										1										1											
1958	361	2						1								1																			
1959	365																																		
1960	282	6	15	27	18		2	1	1	1	2	3		1		1				1		1		1	2		1								
1961	350	14									1																								
1962	309	55	1																																
1963	365																																		
1964	366																																		
1965	336	10	1		1			3			4	2	1	1	1	1	1			1												2			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	3458	3653	100.0	12	3.3	1	19	0.5	24	66	2	5	.1
1	0.10	90	195	5.3	13	4.2	3	18	0.5	25	85		3	
2	0.20	18	105	2.9	14	5.4	1	15	0.4	26	110	1	3	
3	0.30	28	87	2.4	15	7.0	3	14	0.4	27	140		2	
4	0.40	19	59	1.6	16	9.0	1	11	0.3	28	180		2	
5	0.60	0	40	1.1	17	12.0	0	10	0.3	29	230		2	
6	0.70	2	40	1.1	18	15.0	0	10	0.3	30	300		2	
7	0.90	5	38	1.0	19	19.0	2	10	0.3	31	380	2	2	
8	1.20	1	33	0.9	20	24.0	0	8	0.2	32				
9	1.60	1	32	0.9	21	31.0	1	8	0.2	33				
10	2.00	7	31	0.8	22	40.0	0	7	0.2	34				
11	2.60	5	24	0.7	23	52.0	2	7	0.2					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
KIOWA CREEK AT ELBERT, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1956	0.0	9	0.0	9	0.0	9	0.0	9	0.0	9	0.0	9	0.0	9	0.0	9	0.0	9
1957	59.0	3	21.0	3	9.2	3	4.3	3	2.2	3	1.1	3	0.7	3	0.5	3	0.4	3
1958	8.3	4	3.1	4	1.3	4	0.6	4	0.3	4	0.2	4	0.1	4	0.1	4	0.1	4
1959	0.0	10	0.0	10	0.0	10	0.0	10	0.0	10	0.0	10	0.0	10	0.0	10	0.0	10
1960	114.0	2	90.0	2	56.0	2	27.0	2	14.0	2	7.1	2	4.8	2	3.6	2	2.4	2
1961	2.3	5	0.8	5	0.3	5	0.2	5	0.1	6	0.1	6	0.0	6	0.0	6	0.0	6
1962	0.2	6	0.1	6	0.1	6	0.1	6	0.1	5	0.1	5	0.1	5	0.0	5	0.0	5
1963	0.0	7	0.0	7	0.0	7	0.0	7	0.0	7	0.0	7	0.0	7	0.0	7	0.0	7
1964	0.0	8	0.0	8	0.0	8	0.0	8	0.0	8	0.0	8	0.0	8	0.0	8	0.0	8
1965	2280.0	1	893.0	1	387.0	1	182.0	1	91.0	1	46.0	1	30.0	1	23.0	1	15.0	1

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
KIOWA CREEK AT ELBERT, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1957	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
1958	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2
1959	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3
1960	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4
1961	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5
1962	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.01	9	0.01	9
1963	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	6	0.00	6
1964	0.00	8	0.00	8	0.00	8	0.00	8	0.00	8	0.00	8	0.00	8	0.00	7	0.00	7
1965	0.00	9	0.00	9	0.00	9	0.00	9	0.00	9	0.00	9	0.00	9	0.00	8	0.00	8

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.00	0.00	0.00	0.00	0.00	1.29	0.05	0.07	9.08	0.25	0.03	0.00
0.00	0.00	0.00	0.00	0.00	16.5	0.01	0.04	824	0.36	0.00	0.00
0.00	0.01	0.00	0.00	0.00	4.06	0.12	0.21	28.7	0.60	0.06	0.00
3.16	3.16	3.16	*****	*****	3.16	3.06	3.16	3.16	2.94	2.42	1.78
3.13	3.14	3.13	*****	*****	3.14	2.62	3.13	3.16	2.39	2.23	2.09
0.01	0.02	0.01	0.00	0.00	12.0	0.42	0.62	84.3	2.32	0.24	0.01

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
-0.60	-0.58	-0.60	-0.40	-0.40	-0.39	-0.73	-0.64	0.07	-0.30	-0.40	-0.84
1.83	1.76	1.83	1.60	1.60	1.86	1.68	1.86	0.59	0.51	0.55	2.05
1.35	1.33	1.35	1.26	1.26	1.36	1.30	1.37	0.77	0.71	0.74	1.43
-2.27	-2.40	-2.27	-3.16	-3.16	-2.39	-2.12	-2.18	1.40	-2.47	-1.91	-1.53
-2.25	-2.29	-2.25	-3.16	-3.16	-3.50	-1.76	-2.14	10.4	-2.38	-1.83	-1.72
10.4	9.95	10.4	6.89	6.89	6.70	12.7	11.0	-1.27	5.15	6.97	14.4

06758000 KIOWA CREEK AT ELBERT, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.89	5.50	2.35	3.03	2.64	-0.180

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
-0.52	0.93	0.97	-0.48	-1.86	0.162

06758200 KIOWA CREEK AT KIOWA, COLO.

LOCATION.--Lat 39°20'14", long 104°28'30", in SW¼ sec.20, T.8 S., R.63 W., Elbert County, on left bank 0.7 mi (1.1 km) upstream from bridge on State Highway 86 and 0.7 mi (1.1 km) south of Kiowa.

DRAINAGE AREA.--111 mi² (287 km²).

REMARKS.--Little or no diversion above station. Floodflow regulated to some extent by a series of retarding dams on Kiowa Creek and tributaries above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
KIOWA CREEK AT KIOWA, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1956	246	41	26	5	15	15	10	3					1						1						2				1						
1957	110	36	15	13	13	43	19	22		5	1	6	11	3	12	6	3	7	12	6	6	7	1	3	1		3			1					
1958	82	9	8	5	3	12	28	25	26	45	28	20	26	6	27	6	2	4	1	2															
1959	136	37	33	48		1	5	40		5	1	9	17	6	16	2	3	3	3																
1960	171	28	28	22	1	14	9	13		3	1	3	5	17	18	2	4	4	6	3	1	2	1	2		2	2	1	2		1				
1961	98	20	41	3	5	7	5	6	12	39	28	34	25	9	15	7	3	2	1		1	1	1	1	1										
1962	121	6	2	2	2	5	3		1	6	56	40	20	59	21	17	4																		
1963	250	24	6	2	1	6	18	18	6	5	11	12		1	1					1			1		1			1							
1964	166	103	4		2	4	11	2	5	2	11	6	19	4	14	2	5	4	1		1														
1965	110	54	20	13	18	41	16	9	17	14	7	16	7	3	4	2	4		1	1	1	2	1		2									2	

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1490	3653	100.0	12	3.4	131	558	15.3	24	88	7	23	.6
1	0.10	358	2163	59.2	13	4.5	108	427	11.7	25	120	2	16	.4
2	0.20	183	1805	49.4	14	5.8	128	319	8.7	26	150	5	14	.3
3	0.30	113	1622	44.4	15	7.7	44	191	5.2	27	200	2	9	.2
4	0.40	60	1509	41.3	16	10.0	28	147	4.0	28	260	3	7	.1
5	0.50	148	1449	39.7	17	13.0	24	119	3.3	29	340	1	4	.1
6	0.70	124	1301	35.6	18	17.0	26	95	2.6	30	450	1	3	
7	0.90	138	1177	32.2	19	23.0	13	69	1.9	31	590		2	
8	1.10	67	1039	28.4	20	30.0	10	56	1.5	32	770	2	2	
9	1.50	124	972	26.6	21	39.0	12	46	1.3	33				
10	2.00	144	848	23.2	22	51.0	5	34	0.9	34				
11	2.60	146	704	19.3	23	67.0	6	29	0.8					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
KIOWA CREEK AT KIOWA, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1956	264.0	4	127.0	4	54.0	4	25.0	5	13.0	6	6.8	6	5.5	5	4.1	7	2.8	7
1957	419.0	3	172.0	3	102.0	3	79.0	3	41.0	3	24.0	3	25.0	3	21.0	3	14.0	3
1958	28.0	8	17.0	7	11.0	9	8.7	9	7.2	9	6.4	7	5.1	7	4.3	6	3.4	6
1959	18.0	9	16.0	8	12.0	8	8.5	10	6.2	10	5.3	10	4.3	9	3.5	9	2.4	10
1960	568.0	2	380.0	2	274.0	2	160.0	2	86.0	2	47.0	2	33.0	2	25.0	2	16.0	2
1961	101.0	6	76.0	6	39.0	6	19.0	6	14.0	4	8.4	4	6.7	4	5.8	4	4.6	5
1962	11.0	10	11.0	10	9.7	10	9.2	8	7.7	8	6.3	8	5.2	6	4.6	5	4.7	4
1963	205.0	5	109.0	5	48.0	5	28.0	4	14.0	5	7.2	5	4.8	8	3.6	8	2.7	8
1964	31.0	7	16.0	9	12.0	7	10.0	7	8.2	7	5.3	9	4.0	10	3.2	10	2.4	9
1965	2130.0	1	1000.0	1	442.0	1	208.0	1	111.0	1	58.0	1	40.0	1	30.0	1	20.0	1

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
KIOWA CREEK AT KIOWA, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1957	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.01	5	0.07	5
1958	0.00	2	0.00	2	0.00	2	0.00	2	0.06	8	0.38	8	0.83	8	1.30	8	1.50	8
1959	0.00	3	0.00	3	0.00	3	0.00	3	0.00	2	0.01	6	0.01	6	0.04	7	0.08	6
1960	0.00	4	0.00	4	0.00	4	0.00	4	0.00	3	0.00	2	0.00	2	0.00	1	0.01	2
1961	0.00	5	0.00	5	0.00	5	0.00	5	0.00	4	0.00	3	0.00	3	0.00	2	0.02	3
1962	0.00	6	0.00	6	0.00	6	0.00	6	0.91	9	2.50	9	2.50	9	3.70	9	3.50	9
1963	0.00	7	0.00	7	0.00	7	0.00	7	0.00	5	0.00	4	0.00	4	0.00	3	0.00	1
1964	0.00	8	0.00	8	0.00	8	0.00	8	0.00	6	0.01	7	0.02	7	0.02	6	0.12	7
1965	0.00	9	0.00	9	0.00	9	0.00	9	0.00	7	0.00	5	0.00	5	0.00	4	0.07	4

06758200 KIOWA CREEK AT KIOWA, COLO.--Continued

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.58	0.87	0.64	0.58	1.23	10.3	4.49	4.83	12.1	6.43	3.22	0.36
1.80	3.45	1.44	0.63	2.02	543	17.9	47.5	1075	123	17.9	0.78
1.34	1.86	1.20	0.79	1.42	23.3	4.23	6.89	32.8	11.1	4.23	0.88
2.63	2.13	2.07	2.08	2.44	3.10	0.92	2.50	3.12	2.26	1.88	3.03
2.31	2.14	1.87	1.37	1.16	2.27	0.94	1.43	2.72	1.73	1.32	2.47
1.27	1.90	1.41	1.27	2.70	22.6	9.86	10.6	26.5	14.1	7.06	0.78

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
-0.54	-0.91	-0.62	-0.51	-0.12	0.44	0.47	0.09	-0.08	0.03	0.22	-0.36
1.78	2.19	0.44	0.24	0.21	0.46	0.22	1.25	1.09	1.31	0.57	0.49
1.33	1.48	0.66	0.49	0.46	0.68	0.47	1.12	1.04	1.15	0.75	0.70
-2.29	-1.04	0.96	0.74	-0.18	0.72	-0.24	-1.55	0.80	-0.52	-1.75	-1.36
-2.45	-1.63	-1.07	-0.95	-3.85	1.55	1.00	12.0	-12.3	36.8	3.51	-1.93
28.5	47.8	32.5	26.9	6.31	-23.1	-24.6	-4.88	4.46	-1.64	-11.3	19.0

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
3.81	10.8	3.29	1.09	0.86	-0.416

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.44	0.12	0.35	0.63	0.79	-0.416

06758300 KIOWA CREEK AT BENNETT, COLO.

LOCATION.--Lat 39°44'54", long 104°24'46", in NW¼ sec.35, T.3 S., R.63 W., Adams County, on left bank 350 ft (110 m) upstream from U.S. Highways 36, 40, and 287, and 0.9 mi (1.6 km) east of Bennett.

DRAINAGE AREA.--236 mi² (611 km²).

REMARKS.--Little or no diversion above station. Floodflow regulated to some extent by a series of retarding dams on Kiowa Creek and tributaries above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
KIOWA CREEK AT BENNETT, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1961	253	3	2	2				1	10	6	9	5	6	14	10	6	7	6	4	6	6	1	3	2	1	1			1						
1962	214		4	2	3	4	1	3	3	9	9	4	20	15	24	19	7	8	1	5	3	3	2	2											
1963	345	2	1			1	2		1				1		2		1	1			1		1	1		1	2			2					
1964	313	1	1				2		1		3	2	3	3	3	4	8	4	3	6	2	3	2	1	1										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1125	1461	100.0	12	2.9	30	239	16.4	24	65	2	9	.6
1	0.10	6	336	23.0	13	3.8	32	209	14.3	25	84	2	7	.4
2	0.20	8	330	22.6	14	4.9	39	177	12.1	26	110	2	5	.3
3	0.30	4	322	22.0	15	6.3	29	138	9.4	27	140		3	.2
4	0.40	3	318	21.8	16	8.2	23	109	7.5	28	180	1	3	.2
5	0.50	5	315	21.6	17	11.0	19	86	5.9	29	240	2	2	.1
6	0.60	5	310	21.2	18	14.0	8	67	4.6	30	310			
7	0.80	4	305	20.9	19	18.0	17	59	4.0	31	400			
8	1.00	15	301	20.6	20	23.0	12	42	2.9	32	520			
9	1.30	15	286	19.6	21	30.0	7	30	2.1	33				
10	1.70	21	271	18.5	22	39.0	8	23	1.6	34				
11	2.20	11	250	17.1	23	50.0	6	15	1.0					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
KIOWA CREEK AT BENNETT, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1961	216.0	2	108.0	2	47.0	2	22.0	3	21.0	3	12.0	2	11.0	2	8.6	2	7.1	1
1962	55.0	4	46.0	3	36.0	4	22.0	4	16.0	4	12.0	3	9.2	3	7.4	3	5.8	3
1963	307.0	1	135.0	1	58.0	1	27.0	2	26.0	1	18.0	1	12.0	1	9.2	1	6.1	2
1964	66.0	3	45.0	4	37.0	3	28.0	1	21.0	2	11.0	4	7.8	4	6.1	4	4.0	4

06758300 KIOWA CREEK AT BENNETT, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
KIOWA CREEK AT BENNETT, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1961	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
1962	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.96	4	1.20	4	1.90	4	1.90	4
1963	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	2	0.00	2	0.00	2	0.00	2
1964	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	3	0.00	3	0.00	3	1.60	3

06758500 SOUTH PLATTE RIVER NEAR WELDONA, COLO.

LOCATION.--Lat 40°19'19", long 103°55'17", in SW¼SW¼ sec.7, T.4 N., R.58 W., Morgan County, on left bank 400 ft (120 m) downstream from bridge on State Highway 144, 2.8 mi (4.5 km) southeast of Weldona, and 4.2 mi (6.8 km) upstream from Bijou Creek.

DRAINAGE AREA.--13,245 mi² (34,305 km²).

REMARKS.--Natural flow of stream affected by transmountain and transbasin diversions, storage reservoirs, power developments, ground-water withdrawals and diversions for irrigation, and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER NEAR WELDONA, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1953		2	2	2	4	3	23	23	58	75	57	38	41	25	4	4	2	1		1															
1954			1	1	3	11	81	82	95	41	27	15	6	2																					
1955			3	8	9	25	38	60	76	42	37	25	34	7			1																		
1956				21	22	27	30	77	75	35	35	21	12	2	7			1	1																
1957				3	3	7	2	60	70	18	39	13	16	13	16	13	11	3	9	12	7	8	3	4	3	5	9	8	5	1	2	1	1		
1958									20	18	17	27	56	23	28	34	53	36	4	8	7	1	2	3	1	2		4	4	10	7				
1959							15	55	35	31	25	31	40	29	32	17	14	15	11	6	4	1	1	2	1										
1960							16	36	26	31	35	40	39	16	28	27	19	21	10	12	5	4	1												
1961			3	1	4	16	55	27	27	11	30	29	31	31	16	20	11	2	5	1	3	2	14	6	5	4	1	2	6	2					
1962					3		5	1	9	6	9	23	24	21	14	14	20	27	48	62	26	22	31												
1963						9	43	55	48	26	22	30	43	45	27	6	4	4	2				1												
1964				12	3	34	58	37	65	45	42	24	22	10	11		1				2														
1965			3	27	11	21	20	33	28	26	31	32	29	17	13	9	6	4	4	12	6	3	5	4	3	3	3	4	2	2	1	1	1	1	
1966		2	3	6	4	25	42	26	14	17	20	15	12	21	22	32	32	26	15	5	10	16													
1967				5	4	25	46	40	44	45	65	26	18	7		2	2	1	6	6	1	5	5	3	4	5									
1968			1	5	10	32	21	9	29	31	46	55	43	41	41	2																			
1969		1	2	1	1	19	57	30	57	15	35	30	31	32		2	3	3	3	1	4	2	6	3	3	3	1	6	3	4	5	1		1	
1970						3	1			1	4	7	21	16	22	20	24	33	56	60	20	14	20	9	6	7	3	3	2	8	3	1	1		
1971				1			1	2	1	1	2	5	19	30	21	26	59	89	29	14	4	7	13	10	4	6	16	2	1	2					
1972		2	1	5	3	4	6	9	22	43	37	41	40	32	20	17	33	28	9	5	4	3		2											
1973									2	6	10	20	18	45	32	13	17	56	32	17	21	13	8	4	4	3	9	2	3	5	5	10	7	1	2
1974									1	3	11	16	28	34	33	35	38	30	44	40	29	16	5	1			1								
1975				3	1	4	4	6	11	6	27	26	42	45	54	51	34	13	9	4	5	4	4	5	3	3	1								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	8400	100.0	12	280.0	665	4053	48.3	24	2500	37	265	3.1
1	39.00	7	8400	100.0	13	340.0	544	3388	40.3	25	3000	41	228	2.7
2	47.00	19	8393	99.9	14	410.0	441	2844	33.9	26	3600	44	187	2.2
3	56.00	101	8374	99.7	15	490.0	344	2403	28.6	27	4300	31	143	1.7
4	67.00	85	8273	98.5	16	590.0	384	2059	24.5	28	5100	26	112	1.3
5	80.00	265	8188	97.5	17	700.0	393	1675	19.9	29	6200	34	86	1.0
6	96.00	564	7923	94.3	18	840.0	297	1282	15.3	30	7400	23	52	.6
7	120.00	668	7359	87.6	19	1000.0	266	985	11.7	31	8800	14	29	.3
8	140.00	813	6691	79.7	20	1200.0	158	719	8.6	32	11000	10	15	.1
9	170.00	573	5878	70.0	21	1400.0	121	561	6.7	33	13000	3	5	
10	200.00	663	5305	63.2	22	1700.0	119	440	5.2	34	15000	2	2	
11	240.00	589	4642	55.3	23	2100.0	56	321	3.8					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER NEAR WELDONA, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1953	1090.0	19	662.0	20	492.0	20	407.0	21	340.0	20	293.0	19	278.0	19	268.0	19	251.0	19
1954	390.0	23	302.0	23	273.0	23	240.0	23	206.0	23	180.0	23	183.0	23	173.0	23	152.0	23
1955	641.0	21	446.0	22	346.0	22	291.0	22	262.0	22	229.0	22	200.0	22	197.0	22	193.0	22
1956	970.0	20	723.0	19	552.0	19	438.0	20	323.0	21	250.0	21	223.0	21	214.0	21	197.0	21
1957	11100.0	5	8740.0	5	6980.0	6	6140.0	5	4590.0	4	3390.0	4	2540.0	4	2060.0	3	1450.0	4
1958	8720.0	6	8550.0	6	7860.0	5	7470.0	3	5990.0	2	3550.0	3	2580.0	3	2060.0	4	1560.0	3
1959	2500.0	12	2330.0	12	1810.0	12	1100.0	15	888.0	15	843.0	14	724.0	14	628.0	15	504.0	16
1960	1710.0	16	1570.0	15	1380.0	15	1030.0	16	1000.0	14	829.0	15	722.0	15	682.0	14	574.0	13

06758500 SOUTH PLATTE RIVER NEAR WELDONA, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER NEAR WELDONA, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1961	7230.0	7	6430.0	7	5760.0	7	4930.0	7	3600.0	7	2140.0	8	1510.0	8	1270.0	8	974.0	9
1962	1950.0	14	1920.0	14	1850.0	11	1810.0	11	1720.0	11	1570.0	9	1340.0	9	1200.0	9	1190.0	7
1963	1820.0	15	1110.0	17	683.0	18	575.0	17	486.0	17	434.0	17	400.0	17	347.0	18	301.0	17
1964	1370.0	18	1090.0	18	707.0	17	495.0	18	369.0	19	283.0	20	274.0	20	256.0	20	244.0	20
1965	13500.0	3	11800.0	2	8630.0	3	5730.0	6	3260.0	8	2450.0	7	1850.0	7	1550.0	7	1110.0	8
1966	1550.0	17	1540.0	16	1510.0	14	1440.0	13	1380.0	13	1120.0	13	904.0	12	820.0	12	693.0	11
1967	3470.0	11	3380.0	10	3110.0	9	2610.0	9	1980.0	9	1160.0	12	861.0	13	686.0	13	514.0	14
1968	506.0	22	490.0	21	478.0	21	470.0	19	454.0	18	380.0	18	370.0	18	356.0	17	300.0	18
1969	14800.0	2	10100.0	4	8130.0	4	6600.0	4	4140.0	5	3300.0	5	2280.0	5	1790.0	5	1260.0	6
1970	12600.0	4	10500.0	3	8680.0	2	7480.0	2	5000.0	3	3560.0	2	2980.0	2	2440.0	2	1870.0	2
1971	7000.0	8	6310.0	8	5080.0	8	4340.0	8	3920.0	6	2730.0	6	2010.0	6	1700.0	6	1400.0	5
1972	2380.0	13	1990.0	13	1370.0	16	1150.0	14	884.0	16	648.0	16	552.0	16	571.0	16	513.0	15
1973	20800.0	1	16900.0	1	13900.0	1	12000.0	1	9720.0	1	6760.0	1	4870.0	1	3860.0	1	2800.0	1
1974	3780.0	9	2440.0	11	1760.0	13	1580.0	12	1400.0	12	1290.0	10	1020.0	10	969.0	10	868.0	10
1975	3630.0	10	3460.0	9	3090.0	10	2530.0	10	1760.0	10	1210.0	11	984.0	11	865.0	11	668.0	12

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER NEAR WELDONA, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1954	54.00	7	64.00	11	80.00	10	110.00	11	113.00	9	126.00	11	134.00	9	136.00	6	145.00	4
1955	60.00	11	62.00	9	63.00	3	80.00	6	108.00	7	112.00	6	131.00	8	136.00	7	149.00	5
1956	48.00	4	52.00	3	64.00	4	64.00	3	83.00	2	84.00	2	97.00	2	108.00	1	124.00	1
1957	59.00	10	62.00	10	70.00	8	78.00	4	115.00	10	136.00	13	139.00	11	141.00	8	156.00	7
1958	140.00	20	143.00	20	152.00	19	162.00	18	216.00	17	243.00	16	307.00	16	381.00	16	462.00	16
1959	101.00	18	102.00	18	103.00	15	115.00	13	122.00	13	125.00	10	135.00	10	148.00	9	205.00	10
1960	101.00	19	109.00	19	111.00	16	115.00	14	118.00	11	128.00	12	160.00	12	218.00	13	238.00	12
1961	78.00	14	79.00	13	81.00	11	86.00	7	111.00	8	114.00	7	116.00	4	134.00	5	178.00	9
1962	48.00	5	50.00	2	67.00	5	128.00	16	186.00	15	277.00	18	335.00	17	699.00	22	879.00	22
1963	71.00	13	74.00	12	96.00	14	111.00	12	122.00	12	123.00	9	171.00	13	216.00	12	272.00	13
1964	57.00	9	57.00	7	58.00	2	61.00	2	90.00	3	100.00	3	110.00	3	108.00	2	124.00	2
1965	53.00	6	54.00	5	56.00	1	57.00	1	58.00	1	74.00	1	89.00	1	111.00	3	141.00	3
1966	85.00	17	87.00	14	90.00	13	104.00	10	226.00	18	268.00	17	493.00	20	483.00	19	699.00	20
1967	44.00	2	53.00	4	67.00	6	79.00	5	91.00	4	100.00	4	126.00	6	149.00	10	165.00	9
1968	56.00	8	57.00	6	84.00	12	90.00	8	92.00	5	114.00	8	128.00	7	166.00	11	227.00	11
1969	46.00	3	48.00	1	70.00	7	91.00	9	99.00	6	108.00	5	121.00	5	123.00	4	154.00	6
1970	84.00	16	87.00	15	111.00	17	152.00	17	199.00	16	239.00	15	236.00	14	349.00	15	578.00	18
1971	194.00	21	210.00	21	253.00	21	286.00	21	340.00	21	406.00	21	550.00	21	592.00	20	629.00	19
1972	64.00	12	99.00	17	153.00	20	196.00	20	265.00	19	340.00	20	440.00	19	450.00	18	513.00	17
1973	39.00	1	59.00	8	71.00	9	126.00	15	140.00	14	177.00	14	273.00	15	268.00	14	282.00	14
1974	250.00	22	278.00	22	301.00	22	325.00	22	381.00	22	605.00	22	626.00	22	662.00	21	875.00	21
1975	83.00	15	92.00	16	147.00	18	191.00	19	274.00	20	335.00	19	381.00	18	394.00	17	402.00	15

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
455	360	314	413	409	421	508	1355	1387	446	348	436
208300	148600	77240	93290	87790	78450	212200	4750000	2224000	110400	46140	88480
456	385	278	305	296	280	461	2180	1491	332	215	297
1.76	1.65	1.37	0.65	1.15	1.04	1.25	2.59	1.15	1.21	2.82	1.35
1.00	1.07	0.88	0.74	0.72	0.67	0.91	1.61	1.07	0.75	0.52	0.68
6.64	5.26	4.58	6.02	5.97	6.14	7.41	19.8	20.2	6.51	5.08	6.36

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
2.50	2.37	2.35	2.48	2.51	2.53	2.55	2.71	2.88	2.55	2.49	2.56
0.12	0.15	0.13	0.13	0.10	0.08	0.13	0.35	0.25	0.08	0.04	0.07
0.35	0.38	0.35	0.36	0.31	0.29	0.36	0.59	0.50	0.28	0.20	0.26
0.83	0.90	0.54	-0.09	0.24	0.13	0.57	0.73	0.27	0.73	1.10	0.66
0.14	0.16	0.15	0.15	0.12	0.11	0.14	0.22	0.18	0.11	0.08	.10
8.20	7.78	7.71	8.14	8.22	8.31	8.37	8.90	9.43	8.37	8.17	.39

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
571	158000	398	1.22	0.70	0.249

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.66	0.09	0.31	0.00	0.12	0.401

06759000 BIJOU CREEK NEAR WIGGINS, COLO.

LOCATION.--Lat 40°14'53", long 104°02'08", in SW¼SW¼ sec.6, T.3 N., R.59 W., Morgan County, on downstream side of fifth pier from right end of bridge on U.S. Highways 6 and 34, 2.3 mi (3.7 km) northeast of Wiggins, and 5.7 mi (9.2 km) downstream from Antelope Creek.

DRAINAGE AREA.--1,314 mi² (3,403 km²).

REMARKS.--Small diversions above station for irrigation.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIJOU CREEK NEAR WIGGINS, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1951	340			1			1		2		2	1		1		1	1	1	1	3		2	2	1	1		1		1	1			1		
1952	362								1										1				1								1				
1953	349	1	1	1			1			1	1		1	2		1	2	1	1		1					1									
1954	344				1	1	1			4	2	1	2			1		2		1	1	2			1			1							
1955	335	1			2	2	2	1	1				2	2	1	2	3		1	5		2	1	1	1										
1956	353		1		1			1			1	2		1		1				2					1	1						1			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	2083	2192	100.0	12	5.4	5	70	3.2	24	210	4	13	.5
1	0.10	2	109	5.0	13	7.3	6	65	3.0	25	290	2	9	.4
2	0.20	2	107	4.9	14	9.9	1	59	2.7	26	390	1	7	.3
3	0.30	2	105	4.8	15	13.0	6	58	2.6	27	530	1	6	.2
4	0.50	4	103	4.7	16	18.0	6	52	2.4	28	720	1	5	.2
5	0.60	3	99	4.5	17	25.0	4	46	2.1	29	980	1	4	.1
6	0.90	5	96	4.4	18	34.0	4	42	1.9	30	1300	1	3	.1
7	1.20	2	91	4.2	19	46.0	11	38	1.7	31	1800	1	2	
8	1.60	4	89	4.1	20	62.0	2	27	1.2	32	2500	1	1	
9	2.10	5	85	3.9	21	84.0	6	25	1.1	33				
10	2.90	6	80	3.6	22	110.0	4	19	0.9	34				
11	3.90	4	74	3.4	23	160.0	2	15	0.7					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIJOU CREEK NEAR WIGGINS, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1951	8410.0	1	3290.0	1	1630.0	1	778.0	1	389.0	1	201.0	1	135.0	1	101.0	1	66.0	1
1952	1720.0	3	630.0	3	270.0	3	126.0	3	63.0	3	32.0	3	21.0	3	16.0	3	10.0	3
1953	358.0	5	151.0	5	66.0	5	31.0	6	20.0	6	10.0	6	6.7	6	5.0	6	3.3	6
1954	549.0	4	196.0	4	85.0	4	59.0	4	36.0	4	20.0	4	13.0	4	9.9	5	6.5	5
1955	273.0	6	131.0	6	57.0	6	39.0	5	20.0	5	12.0	5	12.0	5	10.0	4	6.7	4
1956	2450.0	2	1000.0	2	438.0	2	204.0	2	103.0	2	52.0	2	35.0	2	26.0	2	17.0	2

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIJOU CREEK NEAR WIGGINS, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1951	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
1952	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2
1953	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3
1954	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4
1955	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5
1956	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.00	0.00	0.00	0.00	0.00	0.00	142900	142900	142900	142900	142900	142900
0.00	0.00	0.00	0.00	0.00	0.00	1.00E+09	1.00E+09	1.00E+09	1.00E+09	1.00E+09	1.00E+09
0.00	0.00	0.00	0.00	0.00	0.00	378000	378000	378000	378000	377900	378000
*****	*****	*****	*****	*****	*****	2.65	2.65	2.65	2.65	2.65	2.65
*****	*****	*****	*****	*****	*****	2.65	2.65	2.65	2.65	2.64	2.65
0.00	0.00	0.00	0.00	0.00	0.00	16.7	16.7	16.7	16.7	16.7	16.7

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
*****	*****	*****	*****	*****	*****	0.86	0.44	0.65	1.60	2.06	0.97
*****	*****	*****	*****	*****	*****	5.14	6.37	6.83	4.24	3.40	5.31
*****	*****	*****	*****	*****	*****	2.27	2.52	2.61	2.06	1.84	2.30
*****	*****	*****	*****	*****	*****	2.65	2.32	1.58	2.05	2.09	2.23
*****	*****	*****	*****	*****	*****	2.65	5.72	4.04	1.28	0.89	2.36
*****	*****	*****	*****	*****	*****	13.0	6.70	9.81	24.4	31.3	14.8

06759000 BIJOU CREEK NEAR WIGGINS, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
9.21	144	12.0	2.25	1.30	0.141

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.74	0.20	0.45	1.07	0.61	0.162

06759500 SOUTH PLATTE RIVER AT FORT MORGAN, COLO.

LOCATION.--Lat 40°16'08", long 103°48'02", in sec.31, T.4 N., R.57 W., Morgan County, on downstream side of pier near center of bridge on State Highway 52, 0.5 mi (0.8 km) north of Fort Morgan, and 3.5 mi (5.6 km) downstream from Bijou Creek.

DRAINAGE AREA.--14,810 mi² (38,358 km²).

REMARKS.--Natural flow of stream affected by transmountain and transbasin diversions, storage reservoirs, power developments, ground-water withdrawals and diversions for irrigation of about 980,000 acres (3,970 km²), and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT FORT MORGAN, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1944						4	17	12	17	15	45	58	58	53	8	5	16	10	10	6	8	3	2	4	9	6									
1945						8	7	7	10	45	43	45	79	56	24	13	10	3	2		5		2	3	2	1									
1946			1	2	4	8	6	10	14	29	36	44	42	39	18	15	23	17	40	16		1													
1947							4	6	8	8	47	34	45	37	37	26	19	15	11	11	9	6	7	5	3	4	4	6	5	3	2	2		1	
1948							3	2	16	18	26	17	20	15	13	36	38	57	23	15	34	10	13	5	5										
1949							2	7	8	28	36	55	56	25	73	17	9	8	6	4	7		1	1	1		2		1	1	3	4	5	3	2
1950			1	1	1	6	11	12	22	42	32	42	73	82	21	14	1	2	1	1															
1951					9	9	7	9	31	55	31	109	40	21	10	13	8	5		2	1			1	1	1		1		1					
1952									2	19	53	47	33	28	43	59	31	11	8	5	6	5	2	2	4	8									
1953			1	3	3	3	5	9	26	34	72	87	40	36	30	10	4	1	1																
1954				1	1	8	19	38	30	74	101	64	24	3	1			1																	
1955			1	1	3	4	4	25	34	66	72	60	40	19	26	9				1															
1956			1	2	2	6	4	8	21	75	100	93	21	15	5	8	1	1	2					1											
1957		5	1	1	2	4	1			4	77	70	34	30	15	22	12	7	8	4	14	4	8	5	2	6	7	10	5	2	1	2	1	1	
1958									5	8	14	34	28	21	30	39	18	68	40	9	13	5	5	2		1	1	2	5	10	6	1			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5479	100.0	12	220.0	633	2729	49.8	24	2300	27	154	2.8
1	25.00	5	5479	100.0	13	260.0	480	2096	38.3	25	2800	27	127	2.3
2	30.00	6	5474	99.9	14	320.0	354	1616	29.5	26	3400	14	100	1.8
3	37.00	11	5468	99.8	15	390.0	286	1262	23.0	27	4100	19	86	1.5
4	45.00	25	5457	99.6	16	480.0	190	976	17.8	28	5000	16	67	1.2
5	55.00	60	5432	99.1	17	580.0	206	786	14.3	29	6100	17	51	.9
6	67.00	90	5372	98.0	18	700.0	152	580	10.6	30	7400	12	34	.6
7	81.00	145	5282	96.4	19	860.0	74	428	7.8	31	9000	9	22	.4
8	99.00	244	5137	93.8	20	1000.0	97	354	6.5	32	11000	6	13	.2
9	120.00	520	4893	89.3	21	1300.0	34	257	4.7	33	13000	5	7	.1
10	150.00	785	4373	79.8	22	1500.0	40	223	4.1	34	16000	2	2	
11	180.00	859	3588	65.5	23	1900.0	29	183	3.3					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT FORT MORGAN, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1944	2860.0	8	2840.0	7	2810.0	7	2660.0	5	2120.0	5	1420.0	5	1100.0	6	892.0	6	664.0	7
1945	2960.0	7	2380.0	9	1770.0	9	1310.0	9	909.0	8	566.0	10	501.0	10	429.0	10	375.0	9
1946	1340.0	11	945.0	11	930.0	10	881.0	10	784.0	10	752.0	8	728.0	8	624.0	8	508.0	8
1947	15400.0	2	11800.0	2	9300.0	2	6930.0	4	4790.0	4	3260.0	4	2390.0	4	1860.0	4	1380.0	4
1948	2610.0	9	2510.0	8	2240.0	8	1850.0	7	1330.0	7	1230.0	7	1150.0	5	1060.0	5	911.0	5
1949	16600.0	1	15300.0	1	14000.0	1	12300.0	1	7680.0	1	4110.0	1	2850.0	1	2220.0	1	1560.0	2
1950	962.0	12	828.0	12	600.0	12	403.0	12	362.0	11	305.0	11	277.0	11	272.0	11	273.0	11
1951	7190.0	5	3850.0	5	3000.0	6	1580.0	8	906.0	9	599.0	9	504.0	9	447.0	9	354.0	10
1952	3340.0	6	3280.0	6	3070.0	5	2420.0	6	1890.0	6	1270.0	6	998.0	7	837.0	7	697.0	6
1953	772.0	14	663.0	13	496.0	13	378.0	13	352.0	12	301.0	12	273.0	12	262.0	12	243.0	12
1954	626.0	15	365.0	15	260.0	15	234.0	15	223.0	15	195.0	15	191.0	15	189.0	15	175.0	15
1955	959.0	13	612.0	14	410.0	14	348.0	14	295.0	14	273.0	13	238.0	14	228.0	14	209.0	13
1956	1940.0	10	1070.0	10	695.0	11	411.0	11	303.0	13	244.0	14	245.0	13	229.0	13	206.0	14
1957	14200.0	3	10900.0	3	8480.0	3	6940.0	3	5130.0	3	3600.0	2	2700.0	2	2150.0	2	1510.0	3
1958	9150.0	4	8760.0	4	7930.0	4	7700.0	2	5950.0	2	3540.0	3	2590.0	3	2060.0	3	1580.0	1

06759500 SOUTH PLATTE RIVER AT FORT MORGAN, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT FORT MORGAN, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1945	62.00	9	63.00	9	65.00	7	72.00	4	94.00	4	113.00	3	137.00	3	141.00	3	158.00	3
1946	56.00	8	59.00	8	88.00	10	114.00	11	171.00	13	252.00	12	253.00	12	275.00	12	366.00	12
1947	34.00	4	44.00	4	56.00	4	65.00	3	115.00	6	145.00	6	152.00	5	168.00	7	185.00	6
1948	67.00	10	70.00	10	86.00	9	150.00	13	156.00	11	267.00	13	345.00	14	361.00	13	424.00	13
1949	67.00	11	74.00	11	94.00	11	104.00	9	124.00	7	153.00	9	159.00	7	180.00	9	189.00	9
1950	78.00	12	82.00	12	96.00	12	113.00	10	164.00	12	215.00	11	210.00	10	235.00	11	243.00	10
1951	31.00	2	48.00	5	53.00	3	59.00	2	88.00	1	101.00	1	110.00	1	117.00	1	127.00	2
1952	48.00	7	49.00	6	60.00	5	92.00	8	114.00	5	175.00	10	212.00	11	221.00	10	280.00	11
1953	80.00	13	85.00	13	103.00	13	115.00	12	136.00	10	150.00	7	156.00	6	165.00	6	188.00	8
1954	35.00	5	38.00	2	43.00	2	80.00	5	130.00	8	141.00	4	146.00	4	153.00	4	161.00	4
1955	42.00	6	50.00	7	61.00	6	88.00	6	91.00	2	110.00	2	115.00	2	123.00	2	125.00	1
1956	33.00	3	42.00	3	67.00	8	89.00	7	136.00	9	153.00	8	163.00	8	163.00	5	169.00	5
1957	25.00	1	25.00	1	28.00	1	43.00	1	94.00	3	142.00	5	171.00	9	177.00	8	186.00	7
1958	102.00	14	108.00	14	120.00	14	211.00	14	243.00	14	296.00	14	332.00	13	385.00	14	493.00	14

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
218	235	284	347	327	367	380	1052	1408	352	314	214
12150	14320	44140	31650	32750	88410	82450	2281000	4583000	139200	59440	4387
110	120	210	178	181	297	287	1510	2141	373	244	66.2
1.71	1.27	1.84	1.02	1.68	2.69	1.36	2.00	2.23	2.18	1.87	0.70
0.51	0.51	0.74	0.51	0.55	0.81	0.76	1.44	1.52	1.06	0.78	0.31
3.96	4.27	5.17	6.31	5.95	6.68	6.91	19.1	25.6	6.41	5.72	3.89

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.29	2.33	2.38	2.49	2.46	2.48	2.49	2.66	2.78	2.41	2.41	2.31
0.04	0.04	0.06	0.04	0.04	0.06	0.08	0.31	0.32	0.10	0.06	0.02
0.19	0.20	0.25	0.20	0.21	0.25	0.28	0.56	0.57	0.31	0.25	0.13
0.50	0.78	1.30	0.62	0.69	1.42	0.87	0.73	0.71	1.63	1.37	0.07
0.08	0.08	0.10	0.08	0.08	0.10	0.11	0.21	0.20	0.13	0.11	0.06
7.78	7.88	8.05	8.45	8.35	8.42	8.43	9.03	9.41	8.17	8.18	7.84

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
458	85790	293	0.70	0.64	0.357

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.58	0.08	0.28	0.21	0.11	0.398

06760000 SOUTH PLATTE RIVER AT BALZAC, COLO.

LOCATION.--Lat 40°24'24", long 103°27'58", in NE¼NE¼ sec.13, T.5 N., R.55 W., Morgan County, on right bank just upstream from highway bridge at Balzac siding, 2.8 mi (4.5 km) northeast of Union and 7.0 mi (11.3 km) downstream from Beaver Creek.

DRAINAGE AREA.--16,852 mi² (43,647 km²).

REMARKS.--Natural flow of stream affected by transmountain and transbasin diversions, storage reservoirs, power developments, ground-water withdrawals and diversions above station for irrigation of about 1,065,000 acres (4,310 km²), and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT BALZAC, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1918											1	22	15	16	24	67	35	38	36	55	34	5	6	4	2	2	3								
1919											5	24	37	40	44	23	37	40	40	19	14	12	30												
1920									7	31	33	12	5	23	8	8	16	64	60	47	21	8	10	3	6	4									
1921											18	49	38	36	13	11	12	20	46	35	21	8	9	9	12	6	3		2	1	1	3	7	3	2
1922										6	3	18	6	2	23	41	61	57	50	50	30	9	9												
1923								2	3	32	71	62	29	5	6	18	21	22	20	24	6	14	10	3	2	1	1	1	1	2	5	4			
1924													2	1	20	19	16	24	8	10	13	16	85	45	37	31	18	3	6	7	5				
1925											60	56	20	15	19	71	46	30	44	2	1	1													

06760000 SOUTH PLATTE RIVER AT BALZAC, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT BALZAC, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1926								1	12	79	32	20	12	4	34	28	25	25	13	7	3	5	15	7	14	14	6	5	4						
1927									9	12	52	18	12	11	20	52	38	33	32	38	20	2	4	2	8	2									
1928								11	38	5	10	7	11	6	16	52	59	42	17	29	19	9	9	6	11	5	2		2						
1929											21	19	18	14	26	35	66	33	17	22	23	39	13	5	13	1									
1930									7	5	26	29	14	24	23	44	51	39	21	22	21	13	9	4	8	5									
1931									7	3	30	20	10	28	49	47	40	63	25	22	13	2	6												
1932									6	24	15	10	13	43	6	8	90	125	21	1	2		2												
1933									13	77	41	10	10	29	29	24	39	35	19	18	9	4	3		1	4									
1934							15	14	72	28	17	21	12	13	14	31	81	42	3	2															
1935							3	5	22	50	36	22	11	26	36	55	26	30	4	2	2		4		10			1	20						
1936						2	11	45	77	22	5	9	7	5	11	18	71	60	11	7	2	1		2											
1937								80	64	19	8	10	3	2	5	35	68	38	22	8	2		1												
1938						1	3	26	57	19	7	8	15	17	23	40	52	39	13	10	10	6	5	3	4		5			1	1				
1939										23	36	6	1	2	7	24	98	25	5	14	19	26	25	8	27	13	2	2		2					
1940									20	61	26	9	5	6	32	101	59	34	9	3	1														
1941							18	77	41	5	10	10	7	6	6	23	31	67	35	20	9														
1942								1	36	61	31	19	6	5	8	11	19	29	11	22	7	3	12	5	10	12	8	7	14	9	12	7			
1943									1	14	16	7	14	9	16	28	37	67	34	20	56	21	10	3	7	5									
1944									34	78	20	14	6	6	17	21	49	54	14	21	4	1	4	4	3	13	3								
1945								1	35	86	50	33	4	9	24	36	21	22	19	10	3	1	3	2	3	3									
1946						1	1	3	7	5	9	22	24	8	11	68	46	55	19	32	29	16	9												
1947		1	1		1	4	9	13	28	33	12	15	15	9	11	16	19	36	30	24	14	9	20	1	8	8	8	11	3	2	4				
1948												8	7	12	16	37	46	66	30	13	18	19	31	41	21	1									
1949									24	66	18	19	9	10	33	11	13	16	31	18	44	18	10	1	3		1	1	2	6	9	2			
1950								3	20	60	13	15	11	21	23	41	74	30	30	19	3	2													
1951								4	77	55	25	17	26	7	10	15	25	37	29	21	7	2	1	1	2	2		1	1						
1952					3		9	19	33	19	13	17	4	5	3	22	51	27	20	55	21	20	9	2	4	5	5								
1953						7	13	24	33	35	42	10	5	7	9	22	53	55	27	14	9														
1954							3	81	38	30	8		3	7	9	69	80	34	2	1															
1955						1	35	45	45	8	7	13	6	10	18	58	60	38	16	2			1	1	1										
1956					2	44	59	19	12	3	1	1	12	6	15	47	69	43	20	7	2	1	1	2											
1957							7	11	16	19	18	13	12	15	49	25	21	27	23	23	21	9	13	7	4	8	12	6	5	1					
1958									24	7	8	4	1	5	16	17	28	38	37	32	30	34	38	9	8	3	1	3	7	15					
1959								6	38	90	24	5	5	7	9	17	25	31	24	15	17	16	28	2	3	3									
1960									54	24	30	8	11	3	6	44	54	47	30	16	8	13	7	6	5										
1961								13	97	27	32	15	5	3	3	7	23	50	29	14	7		5	4	6	8	5	2	8	2					
1962												4	7	5	6	3	14	32	25	30	16	32	106	58	27										
1963								2	19	10	45	20	11	8	19	56	66	26	30	14	13	23	1	1		1									
1964								17	84	56	23	9	2	4	4	25	55	61	15	7	2		1	1											
1965								4	91	41	11	2	4	4	4	13	41	50	30	13	10	7	7	3	3	5	5	7	3	3	1	2		1	
1966										15	12	9	16	16	27	39	27	27	18	15	14	74	50	5	1										
1967						4	32	88	24	11	2	16	9	7	13	58	22	23	8	5	8	6	3	2	12	11	1								
1968						4	12	25	53	19	15	24	14	16	25	25	42	51	29	7	5														
1969						11	17	36	65	22	22	9	9	11	11	22	26	27	17	6	6	2	4	4	10	5	4	8	5	4	2				
1970											4	5	8	7	8	9	10	13	12	25	33	55	64	43	30	13	4	4	3	4	9	2			
1971									1			1		6	15	10	7	9	50	36	59	46	76	8	12	4	7	15	1	2					
1972								1		2	6	8	7	8	34	37	70	47	53	33	24	25	10		1										
1973											14	20	3	9	11	9	14	15	24	26	16	59	57	16	16	11	8	8	3	16	7	3			
1974															4	4	17	33	48	38	41	52	88	31	8	1									
1975												18	16	6	37	30	18	45	47	52	47	19	10	4	8	6	2								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	21184	100.0	12	37.0	605	15367	72.5	24	1400	371	1045	4.9
1	1.20	1	21184	100.0	13	50.0	645	14762	69.7	25	2000	216	674	3.1
2	1.80	1	21183	100.0	14	68.0	1018	14117	66.6	26	2700	114	458	2.1
3	2.40	0	21182	100.0	15	93.0	1827	13099	61.8	27	3600	85	344	1.6
4	3.20	6	21182	100.0	16	130.0	2380	11272	53.2	28	4900	90	259	1.2
5	4.40	79	21176	100.0	17	170.0	2286	8892	42.0	29	6600	77	169	.7
6	6.00	247	21097	99.6	18	230.0	1452	6606	31.2	30	9000	56	92	.4
7	8.10	677	20850	98.4	19	310.0	1153	5154	24.3	31	12000	23	36	.1
8	11.00	1444	20173	95.2	20	430.0	889	4001	18.9	32	17000	7	13	
9	15.00	1397	18729	88.4	21	580.0	765	3112	14.7	33	22000	4	6	
10	20.00	1094	17332	81.8	22	780.0	934	2347	11.1	34	30000	2	2	
11	27.00	871	16238	76.7	23	1100.0	368	1413	6.7					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT BALZAC, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1918	2910.0	22	2850.0	22	2220.0	25	1410.0	32	963.0	30	662.0	33	510.0	33	414.0	34	337.0	34
1919	1040.0	46	1020.0	40	984.0	40	973.0	38	893.0	34	644.0	34	474.0	35	399.0	36	298.0	39
1920	2200.0	32	2130.0	28	1970.0	26	1500.0	27	1080.0	28	729.0	30	544.0	32	479.0	32	377.0	31
1921	31200.0	1	29700.0	1	25900.0	1	21100.0	1	12300.0	1	6570.0	2	4580.0	2	3570.0	2	2410.0	3
1922	1050.0	45	974.0	42	887.0	41	821.0	39	608.0	41	483.0	40	444.0	39	380.0	39	327.0	37
1923	16800.0	3	13600.0	5	12400.0	4	9400.0	6	4940.0	8	2710.0	11	1910.0	11	1560.0	10	1040.0	12
1924	10100.0	10	9970.0	8	9540.0	8	7940.0	7	5410.0	7	3600.0	5	3000.0	5	2540.0	5	2040.0	4
1925	628.0	52	375.0	55	267.0	56	259.0	54	255.0	53	208.0	54	150.0	57	147.0	57	139.0	55

06760000 SOUTH PLATTE RIVER AT BALZAC, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT BALZAC, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1926	6030.0	18	5820.0	17	4870.0	15	3720.0	16	2340.0	17	2030.0	16	1670.0	13	1290.0	14	876.0	16
1927	2090.0	34	1950.0	32	1810.0	30	1450.0	30	905.0	32	620.0	35	474.0	36	396.0	37	337.0	35
1928	6210.0	17	4940.0	19	3170.0	19	2420.0	20	1490.0	22	1180.0	20	924.0	21	732.0	21	563.0	22
1929	2000.0	36	1850.0	34	1500.0	35	1410.0	31	889.0	35	688.0	32	598.0	29	630.0	26	467.0	26
1930	2520.0	27	2110.0	30	1930.0	27	1600.0	25	1150.0	27	751.0	29	558.0	30	486.0	31	348.0	32
1931	846.0	49	842.0	48	783.0	44	502.0	44	330.0	45	306.0	44	232.0	44	235.0	44	202.0	44
1932	1000.0	47	800.0	49	508.0	49	339.0	49	273.0	50	230.0	49	219.0	47	214.0	46	187.0	47
1933	2500.0	28	2040.0	31	1240.0	37	710.0	42	523.0	43	451.0	41	386.0	41	343.0	41	262.0	41
1934	396.0	57	334.0	57	208.0	58	184.0	57	180.0	57	170.0	57	156.0	56	154.0	56	136.0	56
1935	5300.0	19	5300.0	18	5300.0	13	5300.0	11	4040.0	11	2200.0	14	1500.0	15	1170.0	17	807.0	18
1936	1360.0	43	866.0	45	696.0	45	459.0	45	332.0	44	254.0	45	221.0	46	206.0	49	181.0	50
1937	845.0	50	436.0	54	324.0	54	259.0	55	197.0	56	188.0	55	186.0	53	176.0	53	162.0	52
1938	10000.0	11	7070.0	12	4290.0	18	2850.0	18	1710.0	20	953.0	25	710.0	27	606.0	28	446.0	28
1939	7820.0	13	6460.0	14	4660.0	17	3350.0	17	2590.0	16	1850.0	17	1450.0	16	1280.0	15	952.0	14
1940	444.0	56	352.0	56	279.0	55	247.0	56	211.0	55	180.0	56	165.0	55	155.0	55	132.0	57
1941	568.0	53	473.0	52	415.0	53	365.0	48	312.0	46	249.0	46	226.0	45	229.0	45	189.0	45
1942	16000.0	4	14900.0	3	13300.0	2	12400.0	2	9980.0	2	6650.0	1	5100.0	1	4130.0	1	2780.0	1
1943	2420.0	29	2190.0	27	1890.0	28	1730.0	24	1190.0	26	705.0	31	545.0	31	511.0	30	487.0	25
1944	2840.0	24	2820.0	23	2570.0	23	2430.0	19	1800.0	18	1060.0	22	765.0	24	613.0	27	444.0	29
1945	2640.0	26	2120.0	29	1740.0	31	1120.0	34	679.0	39	444.0	42	386.0	42	319.0	42	227.0	43
1946	941.0	48	857.0	46	835.0	43	770.0	40	660.0	40	557.0	37	452.0	37	389.0	38	312.0	38
1947	11000.0	9	9970.0	9	8770.0	9	6400.0	10	4680.0	9	3040.0	8	2200.0	8	1720.0	8	1250.0	9
1948	2090.0	35	1900.0	33	1620.0	33	1490.0	28	1420.0	23	1310.0	18	1150.0	19	1020.0	19	806.0	19
1949	13000.0	7	12500.0	7	11000.0	7	10000.0	3	6460.0	4	3480.0	6	2380.0	7	1850.0	7	1270.0	8
1950	657.0	51	576.0	50	425.0	52	300.0	53	257.0	52	231.0	47	209.0	51	209.0	47	187.0	46
1951	5170.0	20	3120.0	21	2690.0	21	1460.0	29	870.0	36	588.0	36	443.0	40	376.0	40	297.0	40
1952	3420.0	21	3350.0	20	3030.0	20	2180.0	22	1490.0	21	966.0	23	755.0	25	673.0	23	518.0	24
1953	543.0	54	512.0	51	471.0	50	315.0	52	279.0	49	221.0	51	217.0	49	209.0	48	186.0	48
1954	374.0	58	282.0	58	220.0	57	180.0	58	159.0	58	144.0	58	139.0	58	139.0	58	129.0	58
1955	1760.0	37	962.0	44	522.0	48	337.0	50	251.0	54	212.0	53	191.0	52	179.0	52	159.0	54
1956	1370.0	42	964.0	43	565.0	46	335.0	51	296.0	47	230.0	48	218.0	48	202.0	50	182.0	49
1957	6890.0	16	5900.0	16	5050.0	14	4390.0	14	3110.0	15	2240.0	13	1650.0	14	1360.0	13	950.0	15
1958	8040.0	12	7850.0	11	7440.0	10	7230.0	9	5850.0	6	3410.0	7	2540.0	6	2020.0	6	1530.0	6
1959	2250.0	31	2210.0	26	1810.0	29	1060.0	35	898.0	33	846.0	27	698.0	28	568.0	29	434.0	30
1960	1670.0	39	1600.0	37	1380.0	36	993.0	37	715.0	37	537.0	38	485.0	34	435.0	33	329.0	36
1961	7520.0	14	6830.0	13	6210.0	12	5110.0	13	3670.0	13	2040.0	15	1430.0	17	1130.0	18	820.0	17
1962	1730.0	38	1700.0	35	1630.0	32	1520.0	26	1350.0	25	1240.0	19	1160.0	18	1170.0	16	1110.0	11
1963	2290.0	30	1550.0	38	998.0	39	661.0	43	536.0	42	427.0	43	322.0	43	274.0	43	237.0	42
1964	1180.0	44	843.0	47	564.0	47	393.0	46	289.0	48	223.0	50	210.0	50	202.0	51	169.0	51
1965	27700.0	2	18100.0	2	12700.0	3	7870.0	8	4060.0	10	2750.0	10	2070.0	9	1650.0	9	1140.0	10
1966	1600.0	40	1220.0	39	1150.0	38	1040.0	36	933.0	31	811.0	28	746.0	26	732.0	22	630.0	21
1967	2720.0	25	2610.0	25	2570.0	22	2250.0	21	1770.0	19	1110.0	21	783.0	22	633.0	25	456.0	27
1968	476.0	55	466.0	53	447.0	51	389.0	47	265.0	51	214.0	52	171.0	54	166.0	54	160.0	53
1969	11900.0	8	9880.0	10	6380.0	11	5230.0	12	3430.0	14	2810.0	9	1920.0	10	1480.0	12	1020.0	13
1970	14700.0	6	12700.0	6	11200.0	5	9890.0	4	6080.0	5	3870.0	4	3210.0	4	2590.0	4	2000.0	5
1971	6980.0	15	6410.0	15	4800.0	16	4250.0	15	3770.0	12	2460.0	12	1820.0	12	1540.0	11	1280.0	7
1972	1520.0	41	977.0	41	879.0	42	742.0	41	682.0	38	517.0	39	451.0	38	407.0	35	337.0	33
1973	15800.0	5	13700.0	4	11200.0	6	9750.0	5	8290.0	3	5750.0	3	4210.0	3	3320.0	3	2410.0	2
1974	2170.0	33	1700.0	36	1510.0	34	1310.0	33	1070.0	29	962.0	24	926.0	20	913.0	20	784.0	20
1975	2900.0	23	2740.0	24	2420.0	24	1990.0	23	1380.0	24	939.0	26	767.0	23	670.0	24	552.0	23

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT BALZAC, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1918	32.00	56	32.00	55	33.00	55	35.00	52	50.00	48	163.00	53	212.00	52	251.00	51	234.00	48
1919	26.00	54	27.00	51	30.00	53	36.00	53	54.00	49	77.00	47	80.00	41	90.00	41	153.00	40
1920	12.00	40	13.00	38	14.00	37	15.00	36	20.00	34	22.00	34	33.00	34	88.00	39	169.00	41
1921	16.00	50	17.00	45	19.00	44	27.00	48	28.00	44	35.00	38	50.00	36	60.00	34	121.00	38
1922	24.00	53	27.00	52	28.00	51	29.00	50	91.00	53	193.00	55	251.00	54	256.00	52	294.00	50
1923	10.00	30	13.00	39	17.00	42	19.00	42	20.00	35	21.00	32	22.00	28	23.00	20	51.00	20
1924	14.00	45	21.00	50	25.00	49	26.00	47	30.00	45	37.00	39	434.00	56	559.00	57	901.00	58
1925	20.00	51	20.00	48	20.00	45	21.00	43	22.00	39	25.00	36	26.00	32	52.00	32	87.00	30
1926	9.00	22	13.00	40	14.00	38	15.00	37	15.00	28	19.00	30	21.00	27	27.00	24	52.00	21
1927	11.00	35	12.00	31	12.00	30	14.00	33	21.00	38	22.00	35	25.00	31	55.00	33	82.00	28
1928	9.00	23	9.30	20	9.60	18	10.00	18	12.00	20	15.00	19	30.00	33	51.00	31	99.00	33
1929	20.00	52	21.00	49	22.00	48	23.00	46	26.00	43	41.00	40	66.00	40	88.00	40	177.00	42
1930	11.00	36	12.00	32	13.00	31	36.00	54	70.00	51	99.00	49	156.00	50	163.00	49	194.00	44
1931	14.00	46	18.00	46	20.00	46	21.00	44	24.00	40	33.00	37	84.00	44	87.00	38	111.00	36
1932	11.00	37	12.00	33	13.00	32	17.00	38	24.00	41	55.00	45	83.00	43	83.00	37	96.00	32
1933	14.00	47	14.00	41	14.00	39	14.00	34	15.00	29	16.00	24	16.00	17	18.00	15	38.00	13
1934	6.00	13	7.00	14	7.90	13	8.20	10	9.30	10	11.00	11	12.00	10	14.00	11	27.00	6
1935	6.00	14	6.70	11	8.40	15	9.90	15	14.00	21	15.00	20	16.00	18	19.00	16	42.00	17
1936	4.60	4	5.50	6	6.80	7	7.50	7	8.50	7	9.20	6	10.00	6	11.00	7	24.00	4
1937	8.10	20	8.30	17	8.40	16	8.50	13	8.70	9	9.00	4	9.80	4	10.00	4	31.00	9
1938	8.00	19	8.90	18	9.60	17	10.00	19	11.00	16	12.00	12	15.00	14	19.00	17	52.00	22
1939	5.20	8	9.90	23	13.00	33	18.00	39	20.00	36	21.00	33	62.00	38	206.00	50	382.00	53
1940	12.00	41	12.00	34	13.00	34	14.00	35	16.00	32	16.00	25	17.00	21	32.00	26	62.00	26

06760000 SOUTH PLATTE RIVER AT BALZAC, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT BALZAC, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1941	6.80	15	6.90	12	7.40	10	7.80	8	8.20	5	8.80	3	9.10	2	9.80	3	53.00	24
1942	10.00	31	11.00	29	11.00	26	12.00	25	14.00	22	16.00	26	20.00	24	24.00	21	47.00	18
1943	9.00	21	16.00	43	17.00	43	19.00	40	20.00	37	61.00	46	143.00	48	158.00	48	209.00	46
1944	11.00	38	12.00	35	13.00	35	13.00	29	14.00	23	15.00	21	16.00	19	34.00	28	55.00	25
1945	12.00	42	13.00	36	14.00	40	14.00	30	15.00	30	16.00	27	20.00	25	20.00	18	28.00	7
1946	5.00	6	7.00	13	9.70	19	14.00	31	18.00	33	47.00	42	82.00	42	132.00	43	215.00	47
1947	1.30	1	2.40	1	7.40	11	8.30	11	12.00	17	18.00	28	20.00	26	33.00	27	50.00	19
1948	7.90	18	31.00	54	32.00	54	38.00	55	108.00	56	135.00	51	147.00	49	146.00	46	197.00	45
1949	13.00	43	13.00	37	13.00	36	14.00	32	15.00	31	15.00	22	41.00	35	79.00	36	109.00	35
1950	10.00	32	10.00	24	11.00	27	12.00	26	14.00	24	15.00	23	17.00	22	21.00	19	64.00	27
1951	9.50	27	10.00	25	12.00	28	12.00	27	14.00	25	14.00	18	16.00	20	16.00	14	22.00	3
1952	3.20	2	3.40	2	7.00	9	8.00	9	9.80	11	13.00	15	15.00	15	24.00	22	107.00	34
1953	4.80	5	5.20	4	5.50	3	7.30	6	10.00	12	20.00	31	23.00	29	26.00	23	40.00	16
1954	7.80	17	8.00	16	8.20	14	8.30	12	8.50	8	9.40	8	10.00	5	11.00	5	37.00	10
1955	5.60	9	6.60	10	6.90	8	7.20	5	8.00	4	9.30	7	11.00	7	11.00	6	37.00	11
1956	3.90	3	4.20	3	4.70	1	4.90	1	5.20	1	5.90	1	6.90	1	6.90	1	38.00	14
1957	7.00	16	7.20	15	7.60	12	10.00	20	26.00	42	47.00	43	65.00	39	63.00	35	86.00	29
1958	9.40	25	9.40	21	9.70	20	11.00	21	14.00	26	44.00	41	88.00	45	145.00	45	267.00	49
1959	9.40	26	9.70	22	10.00	23	11.00	22	12.00	18	13.00	16	14.00	11	15.00	12	37.00	12
1960	11.00	39	11.00	30	12.00	29	12.00	28	12.00	19	14.00	17	15.00	16	30.00	25	91.00	31
1961	9.20	24	9.30	19	9.70	21	9.90	16	11.00	13	11.00	9	12.00	8	13.00	8	28.00	8
1962	15.00	48	19.00	47	20.00	47	22.00	45	81.00	52	214.00	56	230.00	53	446.00	55	670.00	57
1963	10.00	33	10.00	26	11.00	24	11.00	23	14.00	27	18.00	29	24.00	30	37.00	30	128.00	39
1964	10.00	34	10.00	27	10.00	22	10.00	17	11.00	14	12.00	13	12.00	9	14.00	9	26.00	5
1965	9.60	28	10.00	28	11.00	25	11.00	24	11.00	15	13.00	14	14.00	12	14.00	10	52.00	23
1966	15.00	49	16.00	44	16.00	41	19.00	41	142.00	57	164.00	54	518.00	57	540.00	56	633.00	55
1967	5.60	10	5.70	7	6.10	4	6.50	3	7.20	2	8.10	2	9.70	3	9.80	2	19.00	1
1968	5.70	11	5.80	8	6.10	5	6.90	4	8.30	6	11.00	10	20.00	23	36.00	29	39.00	15
1969	5.10	7	5.30	5	5.40	2	5.70	2	7.20	3	9.20	5	14.00	13	15.00	13	20.00	2
1970	5.80	12	6.20	9	6.50	6	9.80	14	59.00	50	111.00	50	130.00	47	138.00	44	367.00	52
1971	58.00	57	62.00	57	67.00	56	80.00	56	92.00	54	274.00	57	348.00	55	373.00	54	409.00	54
1972	14.00	44	35.00	56	76.00	57	80.00	57	97.00	55	138.00	52	189.00	51	284.00	53	305.00	51
1973	9.70	29	15.00	42	26.00	50	28.00	49	31.00	46	49.00	44	60.00	37	109.00	42	120.00	37
1974	139.00	58	143.00	58	146.00	58	157.00	58	255.00	58	499.00	58	601.00	58	707.00	58	658.00	56
1975	28.00	55	28.00	53	29.00	52	33.00	51	49.00	47	91.00	48	112.00	46	152.00	47	180.00	43

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
176	147	159	243	281	293	405	835	1389	314	262	278
66210	105400	62230	104600	125100	181000	350800	2507000	4913000	77990	30230	51450
257	325	249	323	354	425	592	1583	2216	279	174	227
3.08	4.18	2.31	1.45	1.34	2.48	2.93	3.42	2.69	1.90	2.67	3.42
1.46	2.21	1.57	1.33	1.26	1.45	1.46	1.90	1.60	0.89	0.66	0.81
3.69	3.07	3.32	5.07	5.88	6.12	8.47	17.5	29.1	6.56	5.49	5.82

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
2.01	1.67	1.72	1.90	1.97	2.00	2.29	2.52	2.71	2.38	2.36	2.36
0.17	0.35	0.42	0.51	0.54	0.49	0.27	0.29	0.35	0.09	0.05	0.06
0.41	0.59	0.65	0.71	0.73	0.70	0.52	0.54	0.59	0.29	0.21	0.24
0.70	0.95	0.50	0.20	0.04	0.12	0.31	0.89	0.72	1.08	0.99	1.00
0.20	0.35	0.38	0.37	0.37	0.35	0.23	0.21	0.22	0.12	0.09	0.10
7.77	6.46	6.66	7.33	7.59	7.71	8.84	9.72	10.5	9.19	9.10	9.13

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
398	126800	356	1.68	0.90	0.063

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.46	0.12	0.35	0.31	0.14	0.171

06760500 SOUTH PLATTE RIVER NEAR CROOK, COLO.

LOCATION.--Lat 40°50'36", long 102°48'46", in SW¼NE¼ sec.15, T.10 N., R.49 W., Logan County, on left bank 0.4 mi (0.6 km) upstream from bridge on State Highway 25 and 1.2 mi (1.9 km) south of Crook.

DRAINAGE AREA.--19,238 mi² (49,826 km²).

REMARKS.--Natural flow of stream affected by transmountain and transbasin diversions, storage reservoirs, power developments, ground-water withdrawals and diversions for irrigation, and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER NEAR CROOK, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1954			3	24	12	25	43	7	15	9	27	28	16	9	6	13	12	21	52	39	4														
1955					12	43	39	21	18	22	55	45	29	14	10	10	11	11	16	4	2	1	2												
1956		1	3	13	64	38	18	10	17	24	45	37	22	9	10	8	18	27		2															
1957				16	19	17	12	16	8	20	27	23	16	24	26	18	10	11	14	9	16	8	8	1	1	5	3	3	7	7	4	5	6	4	1
1958											17	22	6	7	4	8	8	9	4	41	29	39	23	23	57	29	10	2	2	1	2	1	9	12	

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1826	100.0	12	42.0	89	911	49.9	24	730	58	171	9.3
1	3.00	1	1826	100.0	13	53.0	63	822	45.0	25	930	34	113	6.1
2	3.80	6	1825	99.9	14	67.0	56	759	41.6	26	1200	13	79	4.3
3	4.80	53	1819	99.6	15	85.0	57	703	38.5	27	1500	5	66	3.6
4	6.10	107	1766	96.7	16	110.0	59	646	35.4	28	1900	9	61	3.3
5	7.80	123	1659	90.9	17	140.0	79	587	32.1	29	2400	8	52	2.8
6	9.90	112	1536	84.1	18	170.0	86	508	27.8	30	3100	6	44	2.4
7	13.00	54	1424	78.0	19	220.0	95	422	23.1	31	3900	6	38	2.0
8	16.00	58	1370	75.0	20	280.0	51	327	17.9	32	4900	15	32	1.7
9	20.00	75	1312	71.9	21	360.0	48	276	15.1	33	6300	16	17	.9
10	26.00	171	1237	67.7	22	450.0	33	228	12.5	34	8000	1	1	
11	33.00	155	1066	58.4	23	570.0	24	195	10.7					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YE. ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER NEAR CROOK, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1954	300.0	4	290.0	4	276.0	4	252.0	3	241.0	3	230.0	3	210.0	3	194.0	3	154.0	3
1955	515.0	3	470.0	3	346.0	3	197.0	4	177.0	4	127.0	4	95.0	4	79.0	4	76.0	4
1956	262.0	5	223.0	5	156.0	5	151.0	5	143.0	5	117.0	5	89.0	5	77.0	5	62.0	5
1957	9170.0	1	7870.0	1	6800.0	2	5570.0	2	3610.0	2	2580.0	2	1840.0	2	1390.0	2	943.0	2
1958	7960.0	2	7750.0	2	7140.0	1	6850.0	1	5290.0	1	3140.0	1	2310.0	1	1940.0	1	1520.0	1

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER NEAR CROOK, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1955	4.20	2	4.50	2	4.80	1	4.80	1	5.90	1	7.20	2	9.60	1	12.00	1	16.00	1
1956	6.80	4	6.80	4	7.10	4	7.60	4	8.60	3	9.90	3	12.00	3	18.00	3	27.00	3
1957	3.00	1	3.80	1	5.00	2	6.00	2	6.50	2	6.90	1	11.00	2	12.00	2	18.00	2
1958	5.10	3	5.30	3	5.60	3	6.60	3	23.00	4	115.00	4	149.00	4	177.00	4	244.00	4

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
67.4	133	145	254	228	202	199	1466	769	135	42.2	55.6
5825	8706	26310	125500	57790	87020	148400	4187000	1022000	28420	1263	4576
76.3	93.3	162	354	240	295	385	2046	1011	169	35.5	67.6
2.00	0.42	1.17	2.08	2.02	2.05	2.23	0.93	0.82	0.68	1.40	1.38
1.13	0.70	1.12	1.39	1.05	1.46	1.93	1.40	1.32	1.25	0.84	1.22
1.82	3.59	3.92	6.88	6.18	5.46	5.39	39.6	20.8	3.66	1.14	1.50

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.64	2.02	1.91	2.12	2.20	1.91	1.65	2.22	2.17	1.66	1.50	1.45
0.19	0.13	0.27	0.29	0.17	0.47	0.63	1.58	1.14	0.62	0.15	0.33
0.44	0.36	0.52	0.53	0.41	0.69	0.80	1.26	1.07	0.79	0.39	0.57
0.68	-0.24	0.71	0.97	0.43	0.13	1.33	0.32	0.09	0.44	-0.07	0.74
0.27	0.18	0.27	0.25	0.19	0.36	0.48	0.57	0.49	0.47	0.26	0.39
7.31	8.98	8.53	9.43	9.79	8.53	7.35	9.89	9.68	7.38	6.67	6.46

06760500 SOUTH PLATTE RIVER NEAR CROOK, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
309	134200	366	1.12	1.19	0.804

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.17	0.37	0.61	0.52	0.28	0.520

06764000 SOUTH PLATTE RIVER AT JULESBURG, COLO.

LOCATION.--Lat 40°58'46", long 102°15'15", in NW¼NE¼ and SE¼NE¼ (two channels) sec.33, T.12 N., R.44 W., Sedgwick County, on left bank of channel no. 4 (left channel) 215 ft (66 m) downstream from bridge, and on right bank of channel no. 2, 800 ft (240 m) downstream from bridge on U.S. Highway 385, 0.9 mi (1.4 km) southeast of Julesburg, 3.0 mi (4.8 km) upstream from Colorado-Nebraska State line, and 8 mi (13 km) downstream from Lodgepole Creek.

DRAINAGE AREA.--23,138 mi² (59,927 km²).

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs, power developments, ground-water withdrawals and diversions for irrigation of 1,200,000 acres (4,940 km²) above station, and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT JULESBURG, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER		OF	DAYS	IN	CLASS																	
1903	14	13		5	7	24		28	14	4	30	27	26	10	14	28	2	39	30	33	3	5	2	6	1										
1904						24		28	9	26	52	12	23	11	11	3	19	7	40	67	4	2	4	4	9	6	3	2							
1905									6	2	2	7	39	22	11	6	18	9	18	99	21	12	9	5	13	7	5	8	23	15	6	2			
1906								2	12	10	8	23	43	30	15	10	10	5	84	40	15	51	3	2	1	1									
1909															35	17	13	70	35	33	35	7	40	27	12	11	13	12	5						
1910		19		7	7			1	13	22	46	21	4	3	4	12	1	6	2	10	5	13	77	70	21							1			
1911								62		43	44	65	28	13	5	10	11	12	21	7	4	40													
1912								9	1	7	75	4	34	11	9	42	28	40	18	50	4	9	11	13	1										
1914										2	10	9	32	2	30	3	8	35	51	22	33	6	42	6	6	10	8	12	23	11	2	2			
1915																40	24	13	12	40	9	63	91	11	5	4	40	13							
1916										1	13	33	56	45	32	9	3	7	2	1	4	16	105	29	10										
1917												23	43	11	11	11	12	25	61	53	15	33	20	2	8	11	2	2	6	14	2				
1918										14	10	8	6	19	14	17	18	27	39	24	34	116	16	3											
1919										4	49	15	14	11	12	6	10	15	17	29	113	48	11	8	3										
1920							1		2	2	12	7	15	7	11	2	6	10	47	133	40	21	15	17	10	8									
1921												4	4	16	29	24	22	75	71	46	39	3	3	4	1	3	2	2	1	2	2	4	1	5	2
1925											45	60	24	24	6	9	3	16	17	88	45	28													
1926													13	19	22	11	30	33	20	66	67	24	8	14	13	15	4	3	3						
1927											1	22	33	24	10	4	5	10	17	54	112	36	16	7	4	10									
1928											15	23	26	14	5	4	6	6	22	96	70	29	10	18	15	4	2	1						
1929										14	34	22	17	11	15	12	5	5	13	23	55	44	72	7	14	2									
1930												27	26	18	24	22	22	24	28	41	50	32	16	9	9	9	8								
1931										2	17	49	31	30	14	6	4	14	14	20	105	39	10	3	6	1									
1932										2	36	49	34	44	46	14	7	16	33	33	38	10	4												
1933											9	34	31	49	21	28	53	23	35	47	28	7													
1934										2	31	44	33	18	17	18	46	37	38	68	4	4	2	1	2										
1935											7	36	56	75	36	35	37	20	18	5	2	2	5	3	11	7	3	2	1	2		1		1	
1936											27	20	65	33	41	67	13	13	24	57	6														
1937												81	57	24	55	32	37	29	27	16	3	4													
1938												4	39	75	44	27	44	51	27	23	12	4	2	2	2	3	3	1	1	1					
1939												53	38	12	24	13	5	3	18	52	15	8	30	47	27	14	1	3	1	1					
1940										7	71	29	33	90	33	24	17	10	22	30															
1941												7	81	45	77	71	32	25	21	4	1	1													
1942													15	15	11	6	30	40	42	82	10	10	7	11	9	12	15	10	15	5	10	10			
1943										6	39	22	6	4	6	18	10	4	4	19	78	36	53	38	17	5									
1944											6	7	40	23	19	44	35	20	31	83	23	5	5	2	7	5	11								
1945													1	20	39	41	25	41	34	111	23	7	7	9	6	1									
1946										8	38	17	23	25	20	12	14	5	6	25	81	35	36	10	10										
1947													3	29	21	13	45	22	20	93	38	14	12	9	8	11	7	6	7	3	2	2			
1948												7	41	21	13	12	26	15	14	9	39	81	16	18	36	18									
1949														6	20	14	29	41	20	85	62	41	10	6	6	3	2	2	2	2	11	2	1		
1950												4	55	35	22	10	10	17	21	48	113	26	4												
1951													7	3	19	27	39	62	61	99	27	9	6	3	2	1									
1952												2	34	17	32	18	2	2	16	49	74	60	39	8	4	1	5	3							
1953												18	54	26	28	14	33	19	38	90	35	10													
1954										53	36	19	21	30	14	9	32	29	46	69	7														
1955										3	46	50	44	16	31	48	48	35	22	15	6	1													

06764000 SOUTH PLATTE RIVER AT JULESBURG, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT JULESBURG, CO.

NUMBER OF DAYS IN CLASS

CLASS / YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1956									1	18	52	71	12	32	26	64	44	21	25																
1957										2	8	2	23	35	37	59	52	32	35	17	7	10	5	2	4	11	5	8	9	2					
1958												2	13	17	12	7	14	15	5	40	52	46	71	34	11	2	2	2	11	9					
1959										19	25	33	23	10	2	1	7	13	31	121	10	13	24	26	5	2									
1960										32	30	16	3	3	8	18	36	24	46	65	33	22	18	8	4										
1961											1	4	22	16	19	57	32	47	97	27	4	2	4	3	2	9	7	3	8	1					
1962												7	13	22	12	24	7	11	14	6	8	12	43	98	78	10									
1963										3	46	34	25	25	12	9	9	8	32	98	17	21	24	2											
1964								10	19	30	14	37	10	3	10	15	46	33	114	23	2														
1965									2		15	52	9	27	33	68	38	38	17	8	2	5	10	8	7	9	3	6	2	1	1	1	1	1	1
1966												14	22	29	19	27	16	17	16	37	4	10	82	70	2										
1967												11	48	30	21	13	66	28	94	2	1	1	7	12	9	14	8								
1968										5	11	20	8	11	15	50	47	31	53	61	32	13	2	1	1	1	1	1		1	1				
1969											1	14	30	11	11	15	57	24	96	41	7	7	6	3	5	9	6	8	5	8	1				
1970													16	16	9	9	15	25	22	3	25	19	57	41	38	40	12	5	8	3	2				
1971											10	26	13	15	2	3	2	7	4	12	39	74	74	43	11	3	8	19							
1972										7	13	23	15	39	11	10	17	17	33	57	84	28	7	5											
1973													1	16	8	43	32	16	17	11	19	23	45	51	19	8	13	10	10	3	17	1	2		
1974											2	56	33	7	4	5	3	14	17	6	9	23	52	82	49	3									
1975													20	29	21	43	23	37	34	47	38	35	15	7	7	9									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	14	24471	100.0	12	31.0	1707	21358	87.3	24	1300	561	1540	6.2
1	1.00	32	24457	99.9	13	43.0	1479	19651	80.3	25	1800	313	979	4.0
2	1.40	0	24425	99.8	14	58.0	1320	18172	74.3	26	2500	199	666	2.7
3	1.90	12	24425	99.8	15	80.0	1463	16852	68.9	27	3400	144	467	1.9
4	2.60	14	24413	99.8	16	110.0	1512	15389	62.9	28	4600	141	323	1.3
5	3.50	48	24399	99.7	17	150.0	1540	13877	56.7	29	6300	84	182	.7
6	4.80	1	24351	99.5	18	200.0	2119	12337	50.4	30	8600	57	98	.4
7	6.50	140	24350	99.5	19	280.0	2969	10218	41.8	31	12000	26	41	.1
8	8.90	79	24210	98.9	20	380.0	2000	7249	29.6	32	16000	5	15	
9	12.00	350	24131	98.6	21	520.0	1416	5249	21.4	33	22000	7	10	
10	17.00	1037	23781	97.2	22	710.0	1365	3833	15.7	34	30000	3	3	
11	23.00	1386	22744	92.9	23	970.0	928	2468	10.1					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT JULESBURG, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1903	1390.0	49	1070.0	51	1060.0	48	718.0	50	499.0	55	381.0	56	316.0	57	269.0	58	194.0	61
1904	4040.0	24	3630.0	24	2810.0	25	2280.0	26	1670.0	25	934.0	38	656.0	39	500.0	43	394.0	47
1905	12400.0	9	10700.0	9	9190.0	9	8640.0	6	7180.0	4	6010.0	3	4300.0	3	3370.0	3	2360.0	3
1906	1800.0	42	1230.0	49	940.0	51	847.0	49	749.0	46	655.0	44	565.0	43	497.0	44	406.0	46
1909	6040.0	20	5430.0	18	4880.0	16	4500.0	16	3450.0	14	2120.0	16	1650.0	16	1530.0	15	1250.0	14
1910	12900.0	8	5170.0	20	2760.0	28	1850.0	31	1420.0	30	1250.0	25	1110.0	24	1080.0	22	1060.0	19
1911	700.0	56	700.0	56	700.0	55	700.0	51	692.0	48	562.0	49	439.0	51	343.0	54	234.0	57
1912	1310.0	50	1260.0	48	1170.0	47	957.0	45	634.0	50	611.0	46	430.0	53	330.0	55	283.0	53
1914	13400.0	7	12300.0	7	9690.0	6	7510.0	8	6480.0	6	5470.0	5	4100.0	4	3260.0	4	2250.0	4
1915	4500.0	22	4410.0	22	4280.0	19	3610.0	18	3450.0	15	3030.0	10	2280.0	10	1900.0	10	1460.0	9
1916	1450.0	47	1390.0	45	1360.0	42	1300.0	38	1190.0	37	1020.0	33	982.0	28	961.0	26	822.0	24
1917	9100.0	12	8800.0	10	8430.0	10	7840.0	7	5870.0	7	3490.0	7	2400.0	8	1930.0	8	1450.0	10
1918	1120.0	51	1040.0	52	746.0	53	677.0	53	609.0	51	590.0	48	583.0	42	509.0	42	488.0	41
1919	1710.0	43	1590.0	41	1270.0	44	897.0	46	723.0	47	601.0	47	541.0	45	539.0	40	503.0	40
1920	2490.0	30	2420.0	30	2250.0	30	1840.0	32	1490.0	29	1110.0	30	855.0	34	715.0	36	561.0	38
1921	30800.0	1	28900.0	1	25900.0	1	19000.0	1	10800.0	1	5520.0	4	3790.0	5	2900.0	5	1960.0	5
1925	580.0	60	580.0	60	580.0	58	580.0	56	574.0	53	484.0	52	434.0	52	412.0	49	378.0	48
1926	5400.0	21	5250.0	19	4410.0	18	3180.0	20	1910.0	23	1670.0	20	1400.0	18	1090.0	21	860.0	23
1927	2400.0	31	2310.0	31	2210.0	31	1910.0	29	1330.0	34	1030.0	32	847.0	35	742.0	32	621.0	32
1928	3820.0	25	3230.0	26	2430.0	29	2090.0	28	1630.0	26	1190.0	27	950.0	30	724.0	35	593.0	33
1929	1880.0	40	1820.0	37	1700.0	36	1630.0	36	1180.0	38	1000.0	34	956.0	29	892.0	29	741.0	28
1930	3220.0	27	2990.0	27	2780.0	27	2550.0	23	1960.0	21	1210.0	26	946.0	31	850.0	30	657.0	30
1931	1880.0	41	1720.0	39	1590.0	39	1100.0	43	789.0	43	676.0	43	586.0	41	549.0	39	517.0	39
1932	903.0	54	807.0	54	713.0	54	587.0	55	533.0	54	469.0	53	401.0	54	366.0	51	279.0	54
1933	659.0	58	601.0	58	532.0	59	428.0	59	386.0	58	338.0	58	292.0	60	248.0	60	224.0	59
1934	1610.0	45	1400.0	44	962.0	50	535.0	58	316.0	62	311.0	59	291.0	61	269.0	59	234.0	58
1935	24000.0	3	15800.0	4	9570.0	7	5500.0	13	3640.0	13	2020.0	17	1370.0	20	1050.0	24	731.0	29
1936	480.0	63	454.0	62	435.0	61	379.0	61	336.0	60	302.0	61	293.0	59	247.0	61	194.0	62
1937	613.0	59	599.0	59	512.0	60	412.0	60	346.0	59	273.0	62	238.0	63	206.0	63	162.0	63
1938	7130.0	18	5130.0	21	3540.0	22	2430.0	24	1360.0	33	704.0	41	491.0	47	415.0	48	324.0	51
1939	8520.0	15	6310.0	16	4660.0	17	3200.0	19	2500.0	19	1920.0	18	1570.0	17	1450.0	16	1110.0	17
1940	343.0	66	338.0	66	322.0	66	300.0	64	293.0	63	269.0	63	218.0	64	181.0	64	138.0	65
1941	540.0	61	454.0	63	340.0	64	261.0	66	197.0	67	155.0	67	135.0	67	127.0	67	120.0	67
1942	15400.0	6	14800.0	5	13800.0	3	12400.0	2	9670.0	2	6550.0	1	5030.0	1	4160.0	1	2840.0	1
1943	2030.0	35	1910.0	36	1620.0	37	1570.0	37	1200.0	35	994.0	35	939.0	32	894.0	28	805.0	25
1944	3050.0	28	2950.0	28	2810.0	26	2580.0	21	1930.0	22	1150.0	28	868.0	33	738.0	33	566.0	36
1945	1930.0	38	1700.0	40	1390.0	41	1110.0	42	750.0	45	430.0	54	471.0	49	379.0	50	331.0	50

06764000 SOUTH PLATTE RIVER AT JULESBURG, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT JULESBURG, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1946	1630.0	44	1550.0	42	1460.0	40	1280.0	39	1070.0	40	956.0	37	821.0	37	727.0	34	626.0	31
1947	12000.0	10	11700.0	8	9490.0	8	7250.0	9	4960.0	8	3290.0	8	2270.0	11	1770.0	11	1310.0	12
1948	2370.0	32	2170.0	33	1970.0	34	1880.0	30	1780.0	24	1650.0	21	1340.0	21	1150.0	19	940.0	21
1949	16300.0	5	14600.0	6	12800.0	5	11100.0	4	7030.0	5	3730.0	6	2540.0	7	2010.0	7	1550.0	7
1950	726.0	55	716.0	55	692.0	56	663.0	54	595.0	52	531.0	51	487.0	48	446.0	47	428.0	45
1951	1980.0	37	1550.0	43	1210.0	45	699.0	52	427.0	57	406.0	55	352.0	56	320.0	56	271.0	55
1952	3670.0	26	3560.0	25	3210.0	23	2290.0	25	1580.0	27	1130.0	29	989.0	27	912.0	27	747.0	27
1953	693.0	57	687.0	57	654.0	57	536.0	57	443.0	56	373.0	57	355.0	55	362.0	53	339.0	49
1954	442.0	64	433.0	64	402.0	63	362.0	62	335.0	61	311.0	60	302.0	58	288.0	57	244.0	56
1955	540.0	62	495.0	61	412.0	62	311.0	63	277.0	64	225.0	65	188.0	65	166.0	65	157.0	64
1956	265.0	67	232.0	67	224.0	67	216.0	67	207.0	66	181.0	66	157.0	66	145.0	66	122.0	66
1957	7750.0	16	6860.0	14	6330.0	14	5170.0	14	3400.0	17	2520.0	14	1770.0	14	1380.0	18	945.0	20
1958	7390.0	17	7220.0	13	6840.0	13	6480.0	10	4870.0	9	3000.0	11	2320.0	9	1920.0	9	1540.0	8
1959	1880.0	39	1810.0	38	1620.0	38	1120.0	41	1040.0	41	968.0	36	840.0	36	707.0	37	567.0	35
1960	1500.0	46	1330.0	47	1180.0	46	1010.0	44	915.0	42	738.0	40	620.0	40	533.0	41	449.0	42
1961	6750.0	19	6050.0	17	5550.0	15	4630.0	15	3430.0	16	1890.0	19	1330.0	22	1060.0	23	773.0	26
1962	2230.0	34	2130.0	34	1980.0	33	1820.0	33	1560.0	28	1430.0	23	1390.0	19	1390.0	17	1320.0	11
1963	1030.0	53	977.0	53	928.0	52	894.0	47	759.0	44	677.0	42	546.0	44	487.0	45	437.0	44
1964	412.0	65	386.0	65	337.0	65	298.0	65	264.0	65	258.0	64	249.0	62	242.0	62	220.0	60
1965	30000.0	2	23300.0	2	14900.0	2	8660.0	5	4810.0	10	2990.0	12	2120.0	13	1690.0	12	1120.0	16
1966	1420.0	48	1340.0	46	1280.0	43	1240.0	40	1170.0	39	1090.0	31	1030.0	25	971.0	25	912.0	22
1967	2910.0	29	2880.0	29	2820.0	24	2560.0	22	2120.0	20	1490.0	22	1020.0	26	778.0	31	574.0	34
1968	8920.0	13	6530.0	15	3900.0	20	2100.0	27	1200.0	36	651.0	45	444.0	50	363.0	52	317.0	52
1969	8630.0	14	8380.0	12	7750.0	11	6160.0	11	3920.0	11	3080.0	9	2130.0	12	1630.0	13	1170.0	15
1970	9410.0	11	8480.0	11	7240.0	12	6060.0	12	3920.0	12	2750.0	13	2550.0	6	2090.0	6	1830.0	6
1971	4170.0	23	3920.0	23	3730.0	21	3640.0	17	3350.0	18	2220.0	15	1730.0	15	1550.0	14	1300.0	13
1972	1120.0	52	1090.0	50	1020.0	49	878.0	48	691.0	49	560.0	50	514.0	46	481.0	46	445.0	43
1973	18100.0	4	15900.0	3	13300.0	4	11600.0	3	9210.0	3	6340.0	2	4710.0	2	3750.0	2	2730.0	2
1974	2000.0	36	1920.0	35	1810.0	35	1670.0	35	1410.0	31	1260.0	24	1160.0	23	1140.0	20	1060.0	18
1975	2360.0	33	2290.0	32	2070.0	32	1740.0	34	1410.0	32	816.0	39	707.0	38	592.0	38	563.0	37

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT JULESBURG, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1903	0.00	1	0.00	1	1.10	3	1.60	3	2.30	3	6.50	2	10.00	2	16.00	2	47.00	15
1904	0.00	2	0.00	2	0.00	1	0.00	1	0.63	1	3.30	1	6.40	1	17.00	3	23.00	3
1905	4.00	4	4.00	4	7.10	4	13.00	6	17.00	10	30.00	26	44.00	26	55.00	27	118.00	33
1906	9.00	8	9.00	8	10.00	7	31.00	46	37.00	45	46.00	39	124.00	50	146.00	43	189.00	40
1909	12.00	11	12.00	9	12.00	8	26.00	36	39.00	46	46.00	40	51.00	28	52.00	26	68.00	20
1910	70.00	65	73.00	66	80.00	65	101.00	66	155.00	66	386.00	66	879.00	66	953.00	66	965.00	66
1911	1.00	3	1.00	3	1.00	2	1.10	2	1.50	2	6.60	3	11.00	3	12.00	1	16.00	1
1912	7.00	6	7.70	5	7.90	5	7.90	4	8.50	4	10.00	4	13.00	4	17.00	4	22.00	2
1915	15.00	20	17.00	26	19.00	29	20.00	24	51.00	55	175.00	64	258.00	63	280.00	62	446.00	61
1916	70.00	66	72.00	65	80.00	66	80.00	65	89.00	62	126.00	60	166.00	55	274.00	61	512.00	62
1917	16.00	26	20.00	36	22.00	35	24.00	32	24.00	27	27.00	23	30.00	23	34.00	17	44.00	13
1918	24.00	43	28.00	47	30.00	47	30.00	43	31.00	35	34.00	29	103.00	43	227.00	56	296.00	52
1919	14.00	15	15.00	18	16.00	20	16.00	11	21.00	22	82.00	53	117.00	49	182.00	46	206.00	42
1920	14.00	16	14.00	13	17.00	21	18.00	18	20.00	19	21.00	12	28.00	20	43.00	19	164.00	38
1921	6.00	5	8.00	7	13.00	9	23.00	29	35.00	42	71.00	50	145.00	53	199.00	49	240.00	45
1922	24.00	44	25.00	43	34.00	55	44.00	57	53.00	57	61.00	48	113.00	47	223.00	55	318.00	54
1926	18.00	32	19.00	30	20.00	30	20.00	25	22.00	23	24.00	18	24.00	12	29.00	11	39.00	10
1927	37.00	59	37.00	59	39.00	59	46.00	58	77.00	60	97.00	55	173.00	56	220.00	53	280.00	49
1928	22.00	39	23.00	37	25.00	39	27.00	39	30.00	34	98.00	56	98.00	42	115.00	42	181.00	39
1929	17.00	31	20.00	31	21.00	31	22.00	27	25.00	28	40.00	33	143.00	52	212.00	51	319.00	55
1930	14.00	17	14.00	14	15.00	15	16.00	12	19.00	14	26.00	20	27.00	16	65.00	28	130.00	34
1931	23.00	40	23.00	38	25.00	40	27.00	40	32.00	36	37.00	31	104.00	44	155.00	44	201.00	41
1932	14.00	18	17.00	27	17.00	22	19.00	23	22.00	24	23.00	16	28.00	21	33.00	14	41.00	11
1933	16.00	27	16.00	23	17.00	23	18.00	19	21.00	20	25.00	19	27.00	17	28.00	9	37.00	8
1934	20.00	34	20.00	32	21.00	32	26.00	37	36.00	43	47.00	42	55.00	32	112.00	40	132.00	35
1935	16.00	28	17.00	24	17.00	24	18.00	20	19.00	15	22.00	15	26.00	13	32.00	13	50.00	16
1936	20.00	35	20.00	33	22.00	36	23.00	30	25.00	29	30.00	27	41.00	24	51.00	25	90.00	26
1937	17.00	29	18.00	28	18.00	27	18.00	21	20.00	16	34.00	30	41.00	25	43.00	20	46.00	14
1938	24.00	41	24.00	41	24.00	37	25.00	33	26.00	31	27.00	21	27.00	18	30.00	12	37.00	9
1939	31.00	54	31.00	53	32.00	52	35.00	53	43.00	51	53.00	45	81.00	41	110.00	39	324.00	56
1940	25.00	45	26.00	44	26.00	42	27.00	38	27.00	32	28.00	24	30.00	22	34.00	15	42.00	12
1941	15.00	21	15.00	19	15.00	16	17.00	13	18.00	11	19.00	9	20.00	8	22.00	7	29.00	6
1942	32.00	55	34.00	56	35.00	56	37.00	55	44.00	52	54.00	46	59.00	34	71.00	33	81.00	24
1943	32.00	56	32.00	54	33.00	53	35.00	54	42.00	49	76.00	51	141.00	51	217.00	52	363.00	58
1944	15.00	22	15.00	20	16.00	17	17.00	14	20.00	17	21.00	13	27.00	19	44.00	23	79.00	23
1945	20.00	36	20.00	34	21.00	33	25.00	34	37.00	44	40.00	34	53.00	30	70.00	32	108.00	31
1946	46.00	63	47.00	63	48.00	62	51.00	62	92.00	63	153.00	61	254.00	62	238.00	58	302.00	53
1947	15.00	23	16.00	21	16.00	18	17.00	15	18.00	12	21.00	14	26.00	14	43.00	21	62.00	18
1948	41.00	61	42.00	61	44.00	61	47.00	59	52.00	56	106.00	57	177.00	58	268.00	60	365.00	59
1949	28.00	48	29.00	49	31.00	48	32.00	47	34.00	40	39.00	32	59.00	35	82.00	38	158.00	37
1950	53.00	64	54.00	64	60.00	64	65.00	64	100.00	65	169.00	63	215.00	61	265.00	59	294.00	51

06764000 SOUTH PLATTE RIVER AT JULESBURG, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH PLATTE RIVER AT JULESBURG, CO.

YEAR	1	3	7	14	30	60	90	120	183
1951	28.00 49	30.00 50	31.00 49	34.00 50	40.00 47	42.00 35	53.00 31	68.00 30	95.00 27
1952	37.00 60	38.00 60	39.00 60	50.00 61	94.00 64	154.00 62	200.00 60	194.00 48	263.00 46
1953	30.00 52	31.00 51	32.00 50	33.00 48	34.00 41	46.00 41	52.00 29	65.00 29	117.00 32
1954	24.00 42	25.00 42	27.00 43	29.00 42	33.00 38	43.00 38	46.00 27	48.00 24	68.00 19
1955	13.00 12	14.00 15	14.00 11	15.00 8	15.00 6	16.00 6	18.00 6	20.00 6	29.00 7
1956	15.00 24	16.00 22	17.00 25	17.00 16	19.00 13	20.00 10	23.00 11	29.00 10	55.00 17
1957	11.00 9	14.00 16	14.00 12	15.00 9	16.00 8	18.00 8	22.00 9	23.00 8	28.00 4
1958	30.00 53	34.00 57	38.00 58	48.00 60	77.00 61	125.00 59	174.00 57	205.00 50	285.00 50
1959	28.00 50	31.00 52	32.00 51	35.00 51	43.00 50	68.00 49	110.00 46	158.00 45	209.00 43
1960	13.00 13	14.00 17	15.00 13	16.00 10	17.00 9	20.00 11	23.00 10	43.00 22	89.00 25
1961	12.00 10	13.00 10	13.00 10	14.00 7	15.00 7	16.00 7	20.00 7	34.00 16	70.00 22
1962	33.00 57	33.00 55	34.00 54	35.00 52	44.00 53	84.00 54	115.00 48	335.00 63	686.00 63
1963	28.00 51	28.00 48	28.00 44	31.00 44	54.00 58	110.00 58	193.00 59	230.00 57	263.00 47
1964	16.00 25	17.00 25	17.00 26	18.00 22	20.00 18	24.00 17	27.00 15	35.00 18	69.00 21
1965	7.50 7	7.80 6	8.40 6	8.80 5	9.50 5	12.00 5	15.00 5	19.00 5	29.00 5
1966	19.00 33	20.00 35	22.00 34	23.00 31	23.00 25	48.00 43	698.00 65	793.00 65	809.00 65
1967	26.00 46	27.00 45	28.00 45	33.00 49	47.00 54	59.00 47	80.00 40	73.00 34	99.00 29
1968	28.00 47	28.00 46	29.00 46	31.00 45	34.00 39	42.00 36	64.00 36	81.00 36	151.00 36
1969	14.00 19	14.00 11	16.00 19	22.00 28	25.00 30	49.00 44	77.00 39	81.00 37	220.00 44
1970	22.00 37	23.00 39	25.00 41	28.00 41	32.00 37	42.00 37	76.00 38	115.00 41	401.00 60
1971	34.00 58	35.00 58	37.00 57	38.00 56	42.00 48	80.00 52	165.00 54	223.00 54	353.00 57
1972	17.00 30	18.00 29	19.00 28	21.00 26	24.00 26	31.00 28	105.00 45	184.00 47	263.00 48
1973	13.00 14	14.00 12	15.00 14	17.00 17	21.00 21	27.00 22	71.00 37	75.00 35	98.00 28
1974	42.00 62	43.00 62	49.00 63	60.00 63	65.00 59	201.00 65	388.00 64	643.00 64	710.00 64
1975	22.00 38	23.00 40	24.00 38	25.00 35	27.00 33	28.00 25	57.00 33	69.00 31	102.00 30

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
254	321	363	432	524	509	505	944	1288	237	136	171
88860	85450	61060	98820	122900	162600	302600	3299000	3953000	161400	45570	81570
298	292	247	314	351	403	550	1816	1988	402	213	286
2.33	1.95	1.51	1.60	1.54	1.84	1.64	2.90	2.28	3.11	2.74	3.84
1.17	0.91	0.68	0.73	0.67	0.79	1.09	1.92	1.54	1.69	1.57	1.67
4.47	5.64	6.38	7.60	9.22	8.96	8.89	16.6	22.7	4.17	2.39	3.00

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
2.16	2.34	2.46	2.54	2.63	2.58	2.44	2.42	2.48	1.93	1.81	1.90
0.23	0.16	0.10	0.09	0.07	0.12	0.26	0.46	0.69	0.38	0.24	0.28
0.48	0.41	0.32	0.30	0.27	0.34	0.51	0.68	0.83	0.62	0.49	0.53
-0.16	-0.33	-0.80	0.05	0.08	-0.21	-0.13	0.62	0.17	0.29	0.86	0.30
0.22	0.17	0.13	0.12	0.10	0.13	0.21	0.28	0.33	0.32	0.27	0.28
7.81	8.45	8.88	9.16	9.51	9.33	8.81	8.73	8.95	6.99	6.54	6.85

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
472	118700	345	1.30	0.73	0.053

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.56	0.11	0.32	-0.16	0.13	0.220

KANSAS RIVER BASIN

06822000 NORTH FORK REPUBLICAN RIVER NEAR WRAY, COLO.

LOCATION.--Lat 40°04'24", long 102°17'06", in NE¼NE¼ sec.9, T.1 N., R.44 W., Yuma County, on right bank 150 ft (46 m) upstream from bridge on State Highway 29, 3.2 mi (5.1 km) west of Wray, and 3.5 mi (5.6 km) upstream from Chief Creek.

DRAINAGE AREA.--Not defined.

REMARKS.--Diversions above station for irrigation.

06822000 NORTH FORK REPUBLICAN RIVER NEAR WRAY, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH FORK REPUBLICAN RIVER NEAR WRAY, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1938		3	2		1					10	8	25	113	162	15	8	1	5	3	1			4	2				1						1	
1939										58	21	56	55	139	16	16	3										1								
1940			1			1	4	9	11	37	16	36	72	139	31	3	1	2					1				1				1				
1941									5	8	3	53	86	149	36	14	3	2	1	3		1					1								
1942									3	44	9	16	50	176	51	6	5	1	2						1						1				
1943								9	10	56	13	19	58	162	31	3	1		2	1															
1944									1	23	51	37	51	154	28	5	8	3		1	1	3													
1945											1	32	84	148	56	31	9	2		1	1														
1946								29	25	51	3	10	83	135	16	6	2		1	2	1											1			
1952											8	36	48	146	80	36	7	3	2																
1953										2	21	77	41	109	78	30	4		1		1	1													
1954										3	27	66	69	149	37	9	1	1			2							1							
1955										3	5	45	105	177	20	1	2	3				1			2								1		
1956										9	15	59	76	178	21	2	4									1									1
1957											4	27	77	144	76	18	12	1	1	1	1	1			1	1									
1963											3	37	53	222	45	4	1																		
1964										9	17	59	40	195	25	8	4	4	4					1											

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	6210	100.0	12	20.0	1161	4868	78.4	24	66	4	17	.2
1	6.80	3	6210	100.0	13	22.0	2684	3707	59.7	25	72	2	13	.2
2	7.60	3	6207	100.0	14	25.0	662	1023	16.5	26	80	3	11	.1
3	8.40	0	6204	99.9	15	27.0	200	361	5.8	27	88	2	8	.1
4	9.30	1	6204	99.9	16	30.0	68	161	2.6	28	97		6	
5	10.00	1	6203	99.9	17	33.0	27	93	1.5	29	110		6	
6	11.00	4	6202	99.9	18	36.0	17	66	1.1	30	120	2	6	
7	12.00	47	6198	99.8	19	40.0	10	49	0.8	31	130	1	4	
8	14.00	55	6151	99.0	20	44.0	7	39	0.6	32	140	1	3	
9	15.00	313	6096	98.2	21	49.0	7	32	0.5	33	160	1	2	
10	17.00	225	5783	93.1	22	54.0	5	25	0.4	34	180	1	1	
11	18.00	690	5558	89.5	23	60.0	3	20	0.3					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH FORK REPUBLICAN RIVER NEAR WRAY, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1938	175.0	2	109.0	2	63.0	1	43.0	1	33.0	1	29.0	1	28.0	1	27.0	1	25.0	3
1939	84.0	8	43.0	10	31.0	14	28.0	12	26.0	10	25.0	10	24.0	14	24.0	13	24.0	9
1940	120.0	5	59.0	6	44.0	5	31.0	7	28.0	7	25.0	11	25.0	8	25.0	7	24.0	10
1941	84.0	9	56.0	7	37.0	7	29.0	10	26.0	11	25.0	12	24.0	15	24.0	14	24.0	11
1942	120.0	6	73.0	4	47.0	4	33.0	5	26.0	12	24.0	17	24.0	16	24.0	15	24.0	12
1943	41.0	15	39.0	13	32.0	13	28.0	13	26.0	13	25.0	13	24.0	17	24.0	16	23.0	17
1944	53.0	12	42.0	11	34.0	11	33.0	6	29.0	5	26.0	6	25.0	9	25.0	8	24.0	13
1945	45.0	14	37.0	14	28.0	16	27.0	14	26.0	14	25.0	14	25.0	10	25.0	9	24.0	14
1946	132.0	4	65.0	5	37.0	8	26.0	16	24.0	17	24.0	15	24.0	11	23.0	17	23.0	15
1952	38.0	16	33.0	16	30.0	15	29.0	11	27.0	8	27.0	3	26.0	3	26.0	3	26.0	1
1953	49.0	13	37.0	15	34.0	12	30.0	8	27.0	9	26.0	7	26.0	4	26.0	4	25.0	4
1954	91.0	7	51.0	9	35.0	9	27.0	15	25.0	15	24.0	16	24.0	12	24.0	10	24.0	5
1955	149.0	3	89.0	3	61.0	3	43.0	2	33.0	2	27.0	4	25.0	5	25.0	5	24.0	6
1956	229.0	1	111.0	1	62.0	2	41.0	3	32.0	4	25.0	8	24.0	13	24.0	11	23.0	16
1957	77.0	10	53.0	8	40.0	6	34.0	4	33.0	3	29.0	2	28.0	2	27.0	2	26.0	2
1963	30.0	17	29.0	17	26.0	17	25.0	17	25.0	16	25.0	9	25.0	6	24.0	12	24.0	7
1964	64.0	11	40.0	12	34.0	10	30.0	9	28.0	6	26.0	5	25.0	7	25.0	6	24.0	8

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH FORK REPUBLICAN RIVER NEAR WRAY, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1938	12.00	4	12.00	3	13.00	4	14.00	3	15.00	3	16.00	3	17.00	3	18.00	5	18.00	1
1939	6.90	1	7.20	1	9.60	1	16.00	6	17.00	7	18.00	8	19.00	10	20.00	13	22.00	13
1940	15.00	9	15.00	9	15.00	8	16.00	7	16.00	4	17.00	6	18.00	4	18.00	6	19.00	4
1941	8.20	2	11.00	2	11.00	2	12.00	1	14.00	1	15.00	1	16.00	2	17.00	2	18.00	2
1942	14.00	5	14.00	5	14.00	5	15.00	4	18.00	8	20.00	14	21.00	14	22.00	14	22.00	14
1943	14.00	6	15.00	6	15.00	6	15.00	5	16.00	5	16.00	4	18.00	5	19.00	7	21.00	11
1944	12.00	3	13.00	4	13.00	3	13.00	2	14.00	2	15.00	2	15.00	1	16.00	1	18.00	3
1945	14.00	7	15.00	7	15.00	7	17.00	8	17.00	6	17.00	5	18.00	6	18.00	3	20.00	5
1946	19.00	15	19.00	15	19.00	15	20.00	15	20.00	15	21.00	15	22.00	15	22.00	15	22.00	15
1953	16.00	10	17.00	13	17.00	10	18.00	12	18.00	9	19.00	9	20.00	11	20.00	8	21.00	12
1954	16.00	11	17.00	14	17.00	11	18.00	13	18.00	10	18.00	7	18.00	7	18.00	4	20.00	6
1955	16.00	12	16.00	10	17.00	12	17.00	9	18.00	11	19.00	10	19.00	8	20.00	9	21.00	7
1956	16.00	13	17.00	11	18.00	13	18.00	14	18.00	12	19.00	11	20.00	12	20.00	10	21.00	8
1957	15.00	8	15.00	8	16.00	9	17.00	10	18.00	13	19.00	12	19.00	9	20.00	11	21.00	9
1964	17.00	14	17.00	12	18.00	14	18.00	11	19.00	14	19.00	13	20.00	13	20.00	12	21.00	10

06822000 NORTH FORK REPUBLICAN RIVER NEAR WRAY, COLO.--Continued

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
21.0	22.7	23.5	23.2	23.5	23.9	23.8	23.7	21.9	19.6	19.5	19.6
3.80	1.47	1.61	1.17	2.02	1.70	5.21	6.11	14.5	14.2	15.2	7.72
1.95	1.21	1.27	1.08	1.42	1.30	2.28	2.47	3.80	3.77	3.90	2.78
0.40	0.05	0.89	-0.19	-0.90	0.60	-0.05	1.34	1.58	1.70	0.98	0.63
0.09	0.05	0.05	0.05	0.06	0.05	0.10	0.10	0.17	0.19	0.20	0.14
7.91	8.53	8.84	8.72	8.83	8.99	8.95	8.93	8.23	7.37	7.34	7.36

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.32	1.36	1.37	1.36	1.37	1.38	1.37	1.37	1.33	1.29	1.28	1.29
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00
0.04	0.02	0.02	0.02	0.03	0.02	0.04	0.04	0.07	0.08	0.08	0.06
0.31	0.01	0.89	-0.16	-1.04	0.57	-0.15	0.93	1.10	1.06	0.20	0.24
0.03	0.02	0.02	0.01	0.02	0.02	0.03	0.03	0.05	0.06	0.07	0.05
8.21	8.42	8.51	8.48	8.51	8.56	8.54	8.53	8.29	7.98	7.97	8.00

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
22.1	0.82	0.90	-0.19	0.04	-0.198

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.35	0.00	0.02	-0.08	0.01	-0.200

06823000 NORTH FORK REPUBLICAN RIVER AT COLORADO-NEBRASKA STATE LINE

LOCATION.--Lat 40°04'10", long 102°03'03", in sec.10, T.1 N., R.42 W., Dundy County, Nebr., on right bank 100 ft (30 m) east of Colorado-Nebraska State line and 9.5 mi (15.3 km) upstream from confluence with Arikaree River.

DRAINAGE AREA.--1,360 mi² (3,520 km²,) approximately, of which about 100 mi² (260 km²) contributes directly to surface runoff.

REMARKS.--Natural flow of stream affected by diversion in Pioneer Canal for irrigation of about 2,700 acres (10.9 km²) in Colorado and Nebraska.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH FORK REPUBLICAN RIVER AT COLORADO-NEBRASKA

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1936						7	16	15	1	9	13	13	7	22	9	20	18	5	8	4	29	99	54	6	3	2	1	3	1	1					
1937				3	1	7	6	15	16	23	9	4	7	5	15	12	9	6	29	41	106	48	3												
1938		1	2	4	9	9	2	5	3	4	1	2	1	6	3	11	14	15	57	41	52	89	17	2	4	3	1	3		1	1	1		1	
1939				1	5	7	11	4	25	29	18	4	8	5	8	17	24	16	16	9	62	93	2	1											
1940			3	6	4	8	13	9	14	12	9	5	2	8	6	10	29	10	20	18	50	99	24	4	1			1	1						
1941						4	3	3	2	5	6	8	14	9	6	9	18	12	17	26	66	111	30	4	7	3	1		1						
1942								7	5	11	7	9	8	7	7	2	2		9	23	49	110	84	16	7		1	1							
1943							4	24	30	7	3	9	4	7	9	10	4	6	19	10	23	108	82	3	2	1									
1944								3	6	20	2	2	4	20	18	9	16	21	22	11	36	55	94	20	5	2									
1945									3	8	12	4	12	12	4	18	17	13	34	45	25	94	56	7			1								
1946							2	10	11	10	3	8	7	13	8	21	15	8	35	36	48	107	19	1	2		1								
1947						2	2	15	11	10	7	4	6	5	3	13	6	5	17	21	51	142	30	8	3	1	1		1						1
1948										4	17	8	20	10	9	12	19	11	11	11	13	81	117	13	5	1	1	1	1	1					
1949									2	5	1	7	6	3	1	7	10	23	28	15	25	88	98	26	16		1	2	1						
1950										1	6	8	11	14	9	8	11	10	13	19	47	44	146	8	5		1	2	1		1				
1951											1	3	2	6	8	20	4	13	18	33	37	130	67	7	3	2	3	1		2			1	3	1
1952								9	15	31	26	7	4	11	11	1	2	3	15	13	29	33	136	20											
1953							3	9	23	13	14	13	6	20	20	10	5	11	16	19	29	81	64	9											
1954									10	22	32	21	8	16	10	16	16	23	26	7	25	47	83	2											1
1955									5	30	39	20	7	6	5	9	13	35	18	7	7	81	75	5	1	2									
1956									2	18	32	16	18	25	14	9	23	29	12	5	5	90	60	5		1				1		1			
1957											11	25	8	21	10	9	13	4	6	14	14	84	92	30	11	3	7		2			1			
1958										3	2	4	8	15	9	14	16	16	13	16	33	57	124	24	9			1							1
1959								3	4	13	22	15	14	18	6	7	6	6	24	18	19	78	97	11	2		1		1						
1960					1	3	2	7	8	9	7	17	11	9	4	7	9	9	18	30	13	62	109	23	6	1				1					
1961									1	7	5	12	4	11	10	14	22	5	23	19	24	52	148	4	3	1									
1962											3	5	8	5	3	2	13	15	29	27	22	119	87	9	6	2	3		1	1	3		1	1	
1963						2		5	18	9	21	15	11	17	3	12	9	14	21	6	13	51	131	7											
1964						3	1	6	28	18	24	17	9	5	6	13	13	11	17	13	24	91	58	8	1										
1965									2	4	12	27	13	9	5	11	20	14	19	28	20	108	64	3	2	2	1	1							

06823000 NORTH FORK REPUBLICAN RIVER AT COLORADO-NEBRASKA STATE LINE--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH FORK REPUBLICAN RIVER AT COLORADO-NEBRASKA

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR														NUMBER OF DAYS IN CLASS																					
1966										1	11	13	10	8	5	6	4	9	8	25	24	121	98	10	4	2	4			1	1				
1967										8	28	6	7	12	7	11	19	15	28	27	35	130	25	4	1		1		1						
1968										1	15	14	23	18	5	8	15	23	32	34	55	104	10	3	2			1	2		1				
1969											6	12	22	24	14	19	36	25	18	26	36	96	25	4	2										
1970							3	10	10	19	26	12	9	8	7	19	16	11	5	5	15	101	86	3											
1971							2	6	23	16	26	14	5	11	5	6	14	16	17	6	12	124	57	5											
1972									2	8	18	26	35	28	9	8	7	22	20	15	15	117	33	2	1										
1973						1	2	3	5	7	14	22	7	10	6	9	11	8	12	16	32	92	94	9	4				1						
1974						2	3	3	21	13	24	26	13	5	7	12	10	1	1	9	15	117	75	7			1								
1975								2	12	27	25	27	18	13	7	12	5	6	8	13	24	154	8	2	1			1							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	14610	100.0	12	12.0	397	12472	85.4	24	99	119	242	1.6
1	1.60	1	14610	100.0	13	14.0	477	12075	82.6	25	120	29	123	.8
2	2.00	5	14609	100.0	14	17.0	311	11598	79.4	26	140	31	94	.6
3	2.40	14	14604	100.0	15	20.0	443	11287	77.3	27	170	18	63	.4
4	2.90	20	14590	99.9	16	24.0	533	10844	74.2	28	200	15	45	.3
5	3.40	55	14570	99.7	17	29.0	505	10311	70.6	29	240	9	30	.2
6	4.10	75	14515	99.3	18	34.0	759	9806	67.1	30	280	7	21	.1
7	4.90	173	14440	98.8	19	41.0	761	9047	61.9	31	340	3	14	
8	5.80	318	14267	97.7	20	49.0	1259	8286	56.7	32	400	2	11	
9	7.00	435	13949	95.5	21	58.0	3688	7027	48.1	33	480	8	9	
10	8.30	558	13514	92.5	22	69.0	2762	3339	22.9	34	580	1	1	
11	9.90	484	12956	88.7	23	83.0	335	577	3.9					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH FORK REPUBLICAN RIVER AT COLORADO-NEBRASKA

YEAR	1		3		7		15		30		60		90		120		183	
1936	269.0	12	176.0	13	123.0	12	105.0	8	78.0	19	74.0	18	69.0	28	67.0	29	66.0	22
1937	75.0	40	69.0	39	66.0	39	63.0	40	60.0	40	57.0	40	56.0	40	54.0	40	54.0	40
1938	531.0	3	300.0	3	178.0	3	120.0	4	85.0	10	78.0	10	72.0	15	68.0	26	64.0	27
1939	85.0	39	67.0	40	65.0	40	64.0	39	62.0	39	62.0	39	59.0	39	59.0	39	55.0	39
1940	220.0	17	129.0	23	94.0	23	71.0	36	70.0	34	67.0	32	65.0	33	64.0	32	59.0	37
1941	230.0	16	157.0	14	114.0	14	83.0	21	67.0	37	66.0	33	64.0	36	63.0	35	62.0	30
1942	176.0	22	141.0	19	96.0	22	87.0	18	79.0	15	75.0	14	74.0	9	74.0	9	71.0	13
1943	121.0	30	118.0	24	99.0	20	86.0	19	78.0	16	73.0	19	71.0	21	70.0	20	68.0	19
1944	128.0	29	107.0	25	96.0	21	93.0	16	88.0	8	83.0	6	79.0	7	75.0	7	72.0	9
1945	150.0	24	103.0	26	82.0	34	78.0	28	73.0	29	70.0	29	68.0	30	67.0	30	65.0	25
1946	143.0	26	102.0	27	85.0	30	79.0	27	72.0	32	66.0	34	65.0	34	63.0	36	60.0	35
1947	519.0	4	262.0	5	162.0	6	112.0	7	92.0	5	79.0	8	72.0	16	70.0	21	67.0	20
1948	247.0	14	192.0	10	156.0	7	123.0	3	95.0	4	73.0	20	71.0	22	71.0	14	70.0	14
1949	230.0	15	156.0	16	106.0	18	101.0	10	91.0	6	84.0	4	84.0	3	82.0	2	75.0	4
1950	284.0	11	191.0	11	129.0	10	84.0	20	80.0	14	75.0	15	74.0	10	73.0	10	71.0	10
1951	761.0	1	424.0	1	359.0	1	206.0	1	128.0	2	87.0	3	80.0	5	78.0	3	73.0	7
1952	94.0	34	90.0	34	85.0	31	82.0	22	81.0	13	79.0	9	77.0	8	75.0	8	74.0	6
1953	89.0	37	86.0	36	83.0	33	77.0	29	74.0	24	71.0	24	70.0	23	69.0	22	66.0	23
1954	491.0	6	208.0	9	107.0	17	77.0	30	76.0	20	75.0	16	72.0	17	71.0	15	63.0	28
1955	138.0	27	101.0	30	88.0	28	77.0	31	74.0	25	73.0	21	71.0	18	70.0	16	64.0	26
1956	362.0	8	229.0	8	132.0	9	94.0	14	72.0	33	70.0	30	70.0	24	69.0	23	61.0	31
1957	380.0	7	182.0	12	128.0	11	100.0	11	91.0	7	83.0	5	82.0	4	78.0	4	75.0	5
1958	506.0	5	269.0	4	165.0	5	119.0	5	101.0	3	91.0	2	87.0	2	84.0	1	79.0	1
1959	200.0	20	152.0	17	120.0	13	96.0	12	83.0	11	76.0	11	73.0	11	72.0	13	72.0	8
1960	268.0	13	147.0	18	105.0	19	94.0	15	87.0	9	82.0	7	79.0	6	77.0	6	75.0	2
1961	128.0	28	102.0	28	90.0	26	81.0	23	78.0	17	75.0	17	73.0	12	73.0	11	71.0	11
1962	558.0	2	332.0	2	198.0	2	137.0	2	134.0	1	105.0	1	93.0	1	78.0	5	75.0	3
1963	91.0	35	87.0	35	85.0	29	81.0	24	78.0	18	76.0	12	72.0	13	72.0	12	71.0	12
1964	111.0	32	96.0	31	89.0	27	80.0	25	76.0	21	71.0	25	70.0	25	68.0	27	65.0	24
1965	173.0	23	133.0	21	92.0	24	88.0	17	73.0	30	71.0	26	70.0	26	69.0	24	61.0	32
1966	318.0	9	235.0	7	155.0	8	103.0	9	74.0	26	71.0	27	71.0	19	70.0	17	69.0	16
1967	209.0	18	157.0	15	112.0	15	95.0	13	82.0	12	64.0	37	63.0	37	63.0	37	59.0	36
1968	290.0	10	251.0	6	174.0	4	113.0	6	73.0	27	64.0	38	64.0	35	63.0	38	58.0	38
1969	115.0	31	93.0	32	84.0	32	69.0	37	68.0	35	66.0	35	66.0	31	64.0	33	60.0	33
1970	85.0	38	84.0	38	80.0	35	77.0	32	76.0	22	75.0	13	72.0	14	70.0	18	68.0	17
1971	90.0	36	85.0	37	80.0	36	76.0	33	72.0	31	71.0	28	69.0	29	68.0	28	67.0	21
1972	102.0	33	90.0	33	71.0	38	69.0	38	68.0	36	67.0	31	66.0	32	65.0	31	60.0	34
1973	208.0	19	137.0	20	108.0	16	79.0	26	75.0	23	72.0	22	70.0	27	70.0	19	70.0	15
1974	146.0	25	101.0	29	80.0	37	76.0	34	73.0	28	71.0	23	71.0	20	69.0	25	68.0	18
1975	188.0	21	131.0	22	90.0	25	72.0	35	65.0	38	64.0	36	63.0	38	63.0	34	62.0	29

06823000 NORTH FORK REPUBLICAN RIVER AT COLORADO-NEBRASKA STATE LINE--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH FORK REPUBLICAN RIVER AT COLORADO-NEBRASKA

YEAR	1		3		7		14		30		60		90		120		183	
1936	3.00	6	3.30	5	3.60	4	4.00	4	6.80	11	12.00	21	26.00	33	25.00	27	35.00	27
1937	3.60	9	3.80	7	4.10	6	4.40	5	4.60	3	14.00	24	14.00	14	19.00	18	30.00	20
1938	2.60	3	2.60	3	3.90	5	5.00	6	6.60	9	8.50	9	10.00	7	13.00	9	17.00	3
1939	1.70	1	2.30	2	2.60	2	3.80	3	7.80	15	23.00	34	24.00	30	26.00	28	34.00	25
1940	2.70	4	3.00	4	3.20	3	3.60	2	4.30	2	8.10	6	8.10	3	11.00	4	15.00	1
1941	2.10	2	2.20	1	2.30	1	2.70	1	3.50	1	4.80	1	14.00	15	15.00	11	26.00	15
1942	3.40	7	3.50	6	5.60	17	11.00	34	21.00	38	24.00	35	27.00	34	34.00	35	43.00	36
1943	4.90	19	4.90	18	5.10	11	6.10	16	8.30	20	11.00	16	23.00	28	31.00	32	42.00	35
1944	4.30	15	4.60	14	5.30	14	5.60	10	6.00	4	6.30	2	7.90	1	11.00	5	21.00	10
1945	5.30	20	6.10	22	6.70	22	7.00	19	10.00	26	16.00	28	20.00	26	23.00	24	31.00	22
1946	6.10	26	6.80	27	7.40	26	7.50	23	10.00	27	14.00	25	17.00	22	22.00	22	30.00	21
1947	4.70	18	4.80	15	5.50	16	5.80	12	6.50	6	13.00	22	17.00	23	20.00	19	26.00	16
1948	3.80	10	4.50	13	4.90	8	5.20	7	7.80	16	11.00	17	15.00	19	18.00	17	32.00	23
1949	7.70	32	7.90	31	8.60	31	10.00	33	13.00	33	16.00	29	20.00	24	27.00	29	39.00	30
1950	6.20	27	6.70	25	7.10	24	9.70	32	15.00	34	34.00	37	40.00	38	44.00	38	53.00	38
1951	7.00	31	8.60	36	11.00	38	12.00	35	17.00	35	19.00	30	26.00	31	35.00	36	41.00	33
1952	9.60	39	11.00	40	12.00	40	17.00	40	30.00	40	37.00	40	43.00	39	59.00	40	63.00	40
1953	5.40	21	5.50	20	5.80	18	5.80	13	6.50	7	8.20	7	8.60	5	10.00	1	21.00	11
1954	4.20	14	4.30	11	4.90	9	5.40	8	6.60	8	7.60	5	10.00	8	12.00	6	20.00	6
1955	6.00	24	6.30	23	6.50	21	7.00	20	7.50	13	9.00	12	14.00	16	17.00	15	21.00	7
1956	6.80	29	6.80	26	7.20	25	7.40	21	7.80	17	8.70	10	10.00	9	15.00	12	22.00	12
1957	6.80	30	7.00	29	7.60	27	7.70	24	10.00	28	11.00	18	15.00	17	16.00	14	22.00	13
1958	8.90	37	9.00	37	9.20	35	9.40	31	10.00	29	15.00	26	24.00	29	31.00	33	42.00	34
1959	8.00	33	8.00	32	10.00	36	13.00	39	19.00	36	22.00	32	26.00	32	30.00	30	39.00	31
1960	5.60	22	6.10	21	7.00	23	8.70	27	9.40	23	11.00	19	12.00	12	15.00	13	28.00	17
1961	3.00	5	4.00	8	5.10	12	5.80	14	6.40	5	9.30	13	11.00	10	20.00	20	30.00	18
1962	6.10	25	6.90	28	8.90	32	12.00	36	19.00	37	22.00	33	27.00	35	30.00	31	37.00	29
1963	9.70	40	9.90	39	11.00	39	12.00	37	26.00	39	36.00	39	47.00	40	53.00	39	58.00	39
1964	4.00	11	4.30	12	5.40	15	6.30	18	7.50	14	8.80	11	12.00	13	13.00	10	21.00	8
1965	3.40	8	4.10	9	4.50	7	5.60	9	6.70	10	7.50	4	8.50	4	11.00	2	18.00	4
1966	5.80	23	6.50	24	7.60	28	8.40	25	11.00	30	25.00	36	33.00	36	34.00	34	40.00	32
1967	8.10	36	8.50	34	9.00	33	9.20	29	11.00	31	35.00	38	36.00	37	43.00	37	46.00	37
1968	8.00	34	8.10	33	8.20	29	8.60	26	8.70	21	10.00	14	17.00	20	22.00	23	34.00	26
1969	8.10	35	8.60	35	9.00	34	9.20	30	10.00	24	15.00	27	23.00	27	24.00	25	32.00	24
1970	9.00	38	9.50	38	10.00	37	12.00	38	13.00	32	14.00	23	17.00	21	21.00	21	30.00	19
1971	4.50	16	4.90	16	5.20	13	6.10	15	8.10	19	8.20	8	9.50	6	12.00	7	18.00	5
1972	4.50	17	5.10	19	5.80	19	6.20	17	7.10	12	7.40	3	8.10	2	11.00	3	21.00	9
1973	6.70	28	7.70	30	8.30	30	9.10	28	10.00	25	12.00	20	15.00	18	18.00	16	22.00	14
1974	4.00	12	4.90	17	6.10	20	7.50	22	8.00	18	21.00	31	20.00	25	25.00	26	36.00	28
1975	4.00	13	4.20	10	5.00	10	5.70	11	8.80	22	11.00	15	11.00	11	12.00	8	16.00	2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
38.9	61.6	65.9	65.1	66.4	69.2	60.5	45.3	39.1	22.1	20.9	29.5
175	96.8	33.3	28.7	38.3	51.0	291	481	527	313	293	449
13.2	9.84	5.77	5.36	6.19	7.14	17.1	21.9	23.0	17.7	17.1	21.2
0.69	-0.14	-0.71	-0.70	-0.42	0.13	-0.76	0.73	1.18	1.91	1.43	2.76
0.34	0.16	0.09	0.08	0.09	0.10	0.28	0.48	0.59	0.80	0.82	0.72
6.65	10.5	11.3	11.1	11.4	11.8	10.3	7.75	6.70	3.79	3.57	5.05

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.57	1.78	1.82	1.81	1.82	1.84	1.76	1.60	1.52	1.23	1.20	1.39
0.02	0.01	0.00	0.00	0.00	0.00	0.02	0.05	0.06	0.10	0.10	0.06
0.15	0.07	0.04	0.04	0.04	0.05	0.15	0.22	0.25	0.32	0.31	0.25
0.08	-0.44	-0.88	-0.92	-0.66	-0.10	-1.26	-0.31	0.08	0.27	0.56	0.61
0.09	0.04	0.02	0.02	0.02	0.02	0.09	0.14	0.16	0.26	0.26	0.18
8.09	9.22	9.39	9.37	9.41	9.50	9.10	8.29	7.88	6.35	6.20	7.21

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
48.6	52.7	7.26	0.52	0.15	0.381

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.68	0.00	0.06	0.20	0.04	0.374

06825000 SOUTH FORK REPUBLICAN RIVER NEAR IDALIA, COLO.

LOCATION.--Lat 39°36'59", long 102°14'32", in SE¼SW¼ sec.13, T.5 S., R.44 W., Yuma County, on left bank 0.7 mi (1.1 km) east of U.S. Highway 385, 1.5 mi (2.4 km) upstream from Landsman Creek, 4.2 mi (6.8 km) upstream from Bonny Dam, and 6.5 mi (10.5 km) southeast of Idalia.

DRAINAGE AREA.--1,300 mi² (3,370 km²), approximately.

REMARKS.--Diversions above station for irrigation.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH FORK REPUBLICAN RIVER NEAR IDALIA, CO.

NUMBER OF DAYS IN CLASS

CLASS / YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1951																	6	7	13	98	149	60	11	4	7	2	2	2	1		2	1			
1952	21						18	2				1	1	1	6	9	5	4	40	67	123	52	16												
1953	15						34		1		4	1	3	2	2		4	7	27	67	144	39	9	3		1			1		1				
1954	3						15	54	8	8	2	3	1	2	2	2	2	11	18	34	103	93	1			1	1				1				
1955							60	32	4	4	6	2	2	1	3	4	1	9	15	41	107	35	16	13	3	2	2	2				1			
1956							2	1	2	8	11	13	7	5	8	13	16	16	20	27	182	21	3	6	3	1				1					
1957																5	15	4	24	22	100	141	22	14	6	1	4		2	1	2		1		1
1958															1	5	8	7	7	38	177	91	20	7	3		1								
1959	31						5	5		4		4	1	5	6	5	5	6	11	46	117	107	5			1				1					
1960	51								1	1		1	2	4	1	6	3	3	19	45	114	79	27	4	2	1	1		1						
1961	4						5	1	1	2			2	3	7	14	11	19	29	28	195	40	1	1	1		1								
1962							3	3		1	1	1	2	2	4	5	8	5	24	54	152	91	4	3	1				1						
1963	21						4	1				1	2	2	1	6	7	10	20	56	138	79	9		2	4		2							
1964	55						2	1			1	1	1		2	2	5	2	16	22	176	72	6	2											
1965	7						4	2		1	1			1		2	5	9	18	48	184	67	3	7			3		1		1	1			
1966	16						1	6	1	2	1	1	4	1	5	10	5	11	33	43	147	74	2		1	1									
1967	21		1	3			2	2				1	2	2	4	3	6	7	15	40	220	32	1			1	1	1							
1968	2		1	1			1			3	1		1	1		8	13	13	41	39	200	31	3	3		1		1		2					
1969	31						1	2	1	3	2		1	2	2	1	3	2	17	72	172	43	5	1			1	1	1						1
1970	10					1			2	1	2	2	2	2	3	6	14	23	29	33	153	78			1	3									
1971	37												1	1	4	10	9	10	24	41	203	24	1												

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	325	7670	100.0	12	1.2	35	6946	90.6	24	110	30	102	1.3
1	0.01	0	7345	95.8	13	1.8	37	6911	90.1	25	160	20	72	.9
2	0.02	2	7345	95.8	14	2.6	61	6874	89.6	26	230	17	52	.6
3	0.04	4	7343	95.7	15	3.7	116	6813	88.8	27	340	9	35	.4
4	0.06	0	7339	95.7	16	5.4	151	6697	87.3	28	490	8	26	.3
5	0.08	1	7339	95.7	17	7.9	185	6546	85.3	29	710	5	18	.2
6	0.10	157	7338	95.7	18	11.0	460	6361	82.9	30	1000	7	13	.1
7	0.20	112	7181	93.6	19	17.0	961	5901	76.9	31	1500	2	6	
8	0.30	21	7069	92.2	20	24.0	3256	4940	64.4	32	2200	2	4	
9	0.40	38	7048	91.9	21	35.0	1349	1684	22.0	33	3200		2	
10	0.60	32	7010	91.4	22	51.0	165	335	4.4	34	4600	2	2	
11	0.80	32	6978	91.0	23	75.0	68	170	2.2					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH FORK REPUBLICAN RIVER NEAR IDALIA, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1951	1580.0	5	790.0	4	448.0	4	357.0	3	201.0	3	148.0	2	106.0	2	87.0	2	67.0	2
1952	73.0	20	61.0	20	58.0	17	54.0	17	50.0	15	39.0	17	39.0	9	37.0	10	32.0	19
1953	1320.0	7	660.0	6	330.0	6	172.0	6	100.0	6	55.0	8	36.0	14	31.0	21	32.0	20
1954	1330.0	6	515.0	7	236.0	7	113.0	7	69.0	8	37.0	18	36.0	15	36.0	11	34.0	14
1955	2280.0	3	1010.0	3	540.0	3	276.0	4	158.0	4	103.0	4	73.0	5	63.0	5	57.0	3
1956	877.0	9	343.0	9	166.0	10	91.0	10	57.0	11	42.0	12	38.0	10	36.0	12	35.0	13
1957	6640.0	1	2600.0	1	1200.0	1	608.0	1	470.0	1	257.0	1	213.0	1	170.0	1	126.0	1
1958	274.0	16	142.0	16	91.0	16	68.0	15	58.0	10	48.0	9	48.0	7	45.0	7	41.0	7
1959	777.0	10	321.0	10	146.0	11	76.0	13	47.0	17	41.0	13	38.0	11	39.0	9	37.0	9
1960	563.0	12	314.0	11	175.0	8	113.0	8	78.0	7	60.0	7	53.0	6	53.0	6	45.0	6
1961	326.0	15	151.0	15	92.0	15	66.0	16	48.0	16	40.0	15	38.0	12	36.0	13	33.0	15
1962	706.0	11	278.0	12	135.0	13	80.0	11	55.0	12	41.0	14	36.0	16	36.0	14	36.0	10
1963	411.0	13	215.0	14	139.0	12	75.0	14	52.0	14	48.0	10	35.0	19	35.0	16	33.0	16
1964	92.0	19	68.0	19	49.0	18	45.0	18	38.0	19	36.0	19	36.0	17	35.0	17	35.0	11
1965	2020.0	4	776.0	5	386.0	5	245.0	5	148.0	5	87.0	5	78.0	3	67.0	3	52.0	5
1966	175.0	18	102.0	17	48.0	19	43.0	19	40.0	18	39.0	16	36.0	18	34.0	18	33.0	17
1967	342.0	14	232.0	13	124.0	14	77.0	12	55.0	13	43.0	11	38.0	13	36.0	15	35.0	12
1968	931.0	8	386.0	8	173.0	9	91.0	9	66.0	9	62.0	6	46.0	8	42.0	8	38.0	8
1969	4630.0	2	1730.0	2	769.0	2	382.0	2	205.0	2	105.0	3	77.0	4	64.0	4	53.0	4
1970	199.0	17	69.0	18	42.0	20	38.0	21	36.0	21	36.0	20	34.0	20	32.0	19	33.0	18
1971	51.0	21	42.0	21	40.0	21	39.0	20	37.0	20	33.0	21	32.0	21	31.0	20	30.0	21

06825000 SOUTH FORK REPUBLICAN RIVER NEAR IDALIA, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH FORK REPUBLICAN RIVER NEAR IDALIA, CO.

YEAR	1	3	7	14	30	60	90	120	183
1952	7.60 20	8.90 20	15.00 20	17.00 20	20.00 19	23.00 19	23.00 18	24.00 17	25.00 14
1953	0.00 1	0.00 1	0.01 11	0.01 7	0.28 8	1.80 6	6.50 7	9.20 4	14.00 1
1954	0.00 2	0.00 2	0.00 1	0.06 9	0.08 4	0.25 2	5.60 6	14.00 9	26.00 15
1955	0.00 3	0.00 3	0.10 13	0.13 11	0.20 7	0.38 3	4.70 3	9.00 3	16.00 7
1956	0.10 15	0.10 15	0.10 14	0.10 10	0.10 5	3.20 7	5.00 4	18.00 14	22.00 11
1957	0.10 16	0.17 17	0.46 16	0.56 12	3.30 10	5.40 9	8.60 9	15.00 10	15.00 3
1958	4.60 19	5.00 19	7.60 19	7.80 18	23.00 20	25.00 20	27.00 19	28.00 19	29.00 18
1959	3.60 18	4.20 18	5.80 18	7.80 19	18.00 18	19.00 17	21.00 17	24.00 18	28.00 17
1960	0.00 4	0.00 4	0.00 2	0.02 8	0.05 3	0.62 4	5.10 5	9.40 5	15.00 4
1961	0.00 5	0.00 5	0.00 3	0.00 1	0.00 1	0.20 1	3.00 1	8.90 2	15.00 5
1962	0.00 6	0.00 6	0.04 12	1.50 14	5.60 13	7.40 10	9.60 11	13.00 8	20.00 10
1963	0.10 17	0.10 16	0.43 15	2.20 16	6.00 14	12.00 14	14.00 14	17.00 13	23.00 12
1964	0.00 7	0.00 7	0.00 4	0.00 2	6.70 15	8.80 12	11.00 12	15.00 11	26.00 16
1965	0.00 8	0.00 8	0.00 5	0.00 3	0.00 2	0.96 5	4.00 2	7.20 1	14.00 2
1966	0.00 9	0.00 9	0.00 6	1.80 15	7.30 16	22.00 18	29.00 20	30.00 20	32.00 20
1967	0.00 10	0.00 10	0.00 7	0.00 4	4.20 11	8.10 11	8.90 10	12.00 6	16.00 6
1968	0.00 11	0.00 11	0.00 8	0.00 5	0.45 9	3.60 8	8.30 8	13.00 7	19.00 8
1969	0.00 12	0.01 14	1.70 17	6.80 17	8.90 17	14.00 16	18.00 15	23.00 16	25.00 13
1970	0.00 13	0.00 12	0.00 9	0.00 6	0.13 6	12.00 15	18.00 16	20.00 15	30.00 19
1971	0.00 14	0.00 13	0.00 10	1.30 13	5.60 12	9.60 13	14.00 13	15.00 12	19.00 9

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
24.3	29.7	30.9	31.4	33.0	36.2	31.6	49.0	40.4	36.2	27.3	17.0
92.7	36.9	16.0	40.5	28.9	92.3	36.5	6893	1898	2149	1692	158
9.63	6.08	4.00	6.36	5.38	9.61	6.04	83.0	43.6	46.4	41.1	12.6
1.44	1.16	0.00	2.32	1.04	2.89	-0.10	4.46	1.65	2.54	2.71	1.01
0.40	0.20	0.13	0.20	0.16	0.27	0.19	1.69	1.08	1.28	1.50	0.74
6.27	7.67	7.98	8.10	8.53	9.35	8.17	12.7	10.5	9.36	7.07	4.39

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.35	1.46	1.49	1.49	1.51	1.55	1.49	1.52	1.37	1.24	0.97	1.05
0.04	0.01	0.00	0.01	0.00	0.01	0.01	0.08	0.25	0.41	0.60	0.29
0.21	0.09	0.06	0.08	0.07	0.09	0.09	0.29	0.50	0.64	0.77	0.53
-2.15	0.09	-0.34	1.49	0.35	1.68	-0.88	2.94	-0.33	-1.27	-0.50	-1.95
0.16	0.06	0.04	0.05	0.05	0.06	0.06	0.19	0.37	0.52	0.80	0.51
8.17	8.88	9.01	9.03	9.18	9.39	9.05	9.24	8.30	7.53	5.87	6.35

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
32.3	151	12.3	2.96	0.38	-0.109

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.49	0.02	0.12	1.97	0.08	-0.156

06825500 LANDSMAN CREEK NEAR HALE, COLO.

LOCATION.--Lat 39°34'32", long 102°15'06", in SE¼ sec.35, T.5 S., R.44 W., Yuma County, on right bank 900 ft (270 m) upstream from bridge on U.S. Highway 385, 3.2 mi (5.1 km) upstream from mouth, 5.2 mi (8.4 km) southwest of Bonny Dam, and 7 mi (11 km) southwest of Hale.

DRAINAGE AREA.--268 mi² (694 km²).

REMARKS.--Small diversions above station for irrigation.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LANDSMAN CREEK NEAR HALE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1951											5	72	171	56	21	8	5	4	2	4	1	1	5	2	1	2		2		3					
1952								11	44	38	14	15	56	148	28	5	5							1	1										
1953									51	50	14	40	109	70	19	4	1	3	1					1				1		1					
1954							17	42	47	21	14	31	62	118	12				1																
1955	9						10	23	78	18	13	82	92	29	1	2	2		2			1	2		1										

06825500 LANDSMAN CREEK NEAR HALE, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LANDSMAN CREEK NEAR HALE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1956								3	48	49	55	88	87	16	2	4	2	3	1	1	1		1	1	1			2		1					
1957									15	9	12	49	125	43	43	26	13	4	6	3	1	4		5	2	1		1		2		1			
1958											20	41	19	117	89	39	18	5	4	1	2	2	2	1	1	2	1		1						
1959								2	35	39	16	34	71	76	72	11	6	2									1								
1960								16	55	11	24	63	58	57	43	12	13	5	4	2	1		1	1											
1961									67	52	19	67	119	20	12	4	3			1				1											
1962								12	37	39	35	93	83	39	9	3	1			2	2		2	1	2		2		2	1					
1963							24	10	45	35	23	73	98	36	8	2	2			3		1			3		2								
1964							15	14	31	26	33	101	110	25	5	2	2					1					1								
1965	14						33	15	55	22	48	87	40	19	12	2	2	1	2		2		3	2	3				1	1	1				
1966							29	54	42	14	5	53	118	42	4		1					1					1	1							
1967					1	14	44	34	25	41	56	102	29	5	5	3	1		1			2				2									
1968							23	50	78	80	51	56	24				1	1	1			1													
1969					5	15	50	66	36	39	35	84	14	4	2	8	2		2						1		1					1			
1970							14	86	35	33	66	70	60		1																				
1971							87	100	59	20	33	39	26	1																					
1972						3	68	108	120	19	26	6	4	3	1							1	1	1	1	1	2	1							
1973						3	12	62	166	26	31	28	23	10	1		1		1	1															
1974							74	98	85	40	56	9	3																						
1975		1			1		41	139	124	18	3	4	11	10	2	1	1			2		1	1		2		2				1				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	23	9131	100.0	12	1.3	1612	3368	36.9	24	89	19	65	.7
1	0.01	1	9108	99.7	13	1.9	944	1756	19.2	25	130	8	46	.5
2	0.02	0	9107	99.7	14	2.7	392	812	8.9	26	180	13	38	.4
3	0.04	0	9107	99.7	15	3.8	136	420	4.6	27	250	8	25	.2
4	0.05	7	9107	99.7	16	5.4	82	284	3.1	28	360	4	17	.1
5	0.08	35	9100	99.7	17	7.7	28	202	2.2	29	510	9	13	.1
6	0.10	541	9065	99.3	18	11.0	28	174	1.9	30	730	2	4	
7	0.20	945	8524	93.4	19	15.0	20	146	1.6	31	1000	2	2	
8	0.30	1378	7579	83.0	20	22.0	10	126	1.4	32				
9	0.50	739	6201	67.9	21	31.0	16	116	1.3	33				
10	0.70	707	5462	59.8	22	44.0	18	100	1.1	34				
11	0.90	1387	4755	52.1	23	63.0	17	82	0.9					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LANDSMAN CREEK NEAR HALE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1951	727.0	5	327.0	5	157.0	4	134.0	1	76.0	2	63.0	1	43.0	1	32.0	2	22.0	2
1952	119.0	16	69.0	15	31.0	17	15.0	17	7.6	18	4.0	19	2.9	19	2.7	19	2.8	18
1953	640.0	7	312.0	6	148.0	6	69.0	6	35.0	8	18.0	8	12.0	10	9.9	10	7.3	9
1954	14.0	22	5.4	22	3.1	22	2.8	21	2.4	20	2.2	20	2.1	20	2.1	20	2.0	20
1955	102.0	17	48.0	17	32.0	14	17.0	15	11.0	14	6.1	16	4.5	16	3.7	17	3.0	16
1956	624.0	8	255.0	8	116.0	8	66.0	7	37.0	7	24.0	7	16.0	7	13.0	7	8.8	8
1957	1030.0	2	558.0	2	262.0	2	132.0	2	81.0	1	46.0	2	43.0	2	34.0	1	23.0	1
1958	383.0	9	138.0	10	63.0	10	34.0	10	26.0	9	16.0	9	13.0	9	13.0	8	9.4	6
1959	202.0	14	72.0	14	32.0	15	15.0	16	8.2	17	5.2	17	4.5	17	4.4	15	3.7	14
1960	76.0	18	29.0	19	19.0	18	13.0	18	11.0	15	7.0	14	5.3	14	4.8	13	3.8	13
1961	76.0	19	33.0	18	16.0	19	9.3	19	5.9	19	4.0	18	3.2	18	2.8	18	2.3	19
1962	643.0	6	284.0	7	124.0	7	58.0	8	38.0	6	30.0	5	26.0	4	21.0	4	14.0	4
1963	233.0	12	113.0	11	50.0	12	25.0	13	16.0	12	14.0	11	9.6	11	7.4	11	5.5	11
1964	232.0	13	92.0	13	41.0	13	21.0	14	11.0	16	6.2	15	4.7	15	3.9	16	3.0	17
1965	992.0	3	354.0	3	157.0	5	111.0	4	63.0	4	34.0	4	31.0	3	24.0	3	16.0	3
1966	281.0	10	108.0	12	82.0	9	39.0	9	19.0	10	9.8	12	6.7	12	5.4	12	4.2	12
1967	160.0	15	66.0	16	31.0	16	27.0	12	14.0	13	7.8	13	5.5	13	4.4	14	3.3	15
1968	32.0	20	11.0	20	6.6	20	3.7	20	2.2	21	1.5	21	1.1	23	1.0	23	1.0	22
1969	1800.0	1	639.0	1	277.0	1	132.0	3	67.0	3	37.0	3	25.0	5	19.0	5	13.0	5
1970	3.0	23	1.8	23	1.7	23	1.6	23	1.4	23	1.3	23	1.2	21	1.1	21	1.1	21
1971	1.9	24	1.8	24	1.7	24	1.5	24	1.4	24	1.2	24	1.0	24	1.0	24	0.8	24
1972	264.0	11	143.0	9	62.0	11	33.0	11	17.0	11	16.0	10	14.0	8	10.0	9	6.8	10
1973	15.0	21	7.2	21	4.9	21	2.5	22	1.5	22	1.4	22	1.2	22	1.1	22	1.0	23
1974	1.5	25	1.4	25	1.2	25	1.0	25	0.9	25	0.8	25	0.8	25	0.7	25	0.6	25
1975	779.0	4	339.0	4	199.0	3	94.0	5	51.0	5	27.0	6	18.0	6	14.0	6	9.0	7

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LANDSMAN CREEK NEAR HALE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1952	0.80	24	0.83	23	0.91	24	1.10	24	1.10	24	1.20	23	1.30	22	1.50	23	1.70	22
1953	0.20	14	0.20	14	0.20	13	0.26	15	0.35	16	0.42	14	0.62	16	0.88	17	1.20	17
1954	0.20	15	0.30	21	0.30	18	0.33	19	0.45	19	0.60	19	0.79	18	1.10	20	1.40	20
1955	0.10	9	0.10	9	0.10	6	0.10	5	0.14	7	0.18	5	0.22	7	0.26	6	0.42	8
1956	0.00	1	0.00	1	0.00	1	0.04	1	0.12	5	0.19	6	0.27	9	0.80	14	1.20	18
1957	0.20	16	0.20	15	0.30	19	0.31	17	0.34	14	0.53	17	0.70	17	0.80	15	1.10	14
1958	0.70	22	0.83	24	0.90	23	0.90	23	0.94	22	2.40	24	2.40	24	2.50	24	3.30	24
1959	0.70	23	0.70	22	0.74	22	0.77	22	0.98	23	1.10	22	1.30	23	1.40	21	1.70	23
1960	0.20	17	0.23	19	0.34	21	0.36	21	0.38	17	0.46	16	0.60	15	0.75	13	1.10	15

06825500 LANDSMAN CREEK NEAR HALE, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LANDSMAN CREEK NEAR HALE, CO.

YEAR	1	3	7	14	30	60	90	120	183
1961	0.20 18	0.20 16	0.20 14	0.22 13	0.25 12	0.27 10	0.31 12	0.45 11	0.71 12
1962	0.30 21	0.30 20	0.33 20	0.34 20	0.35 15	0.40 13	0.45 13	0.49 12	0.65 11
1963	0.20 19	0.20 17	0.21 15	0.31 18	0.39 18	0.58 18	0.82 19	1.00 18	1.30 19
1964	0.10 10	0.10 10	0.13 10	0.15 9	0.72 21	0.80 21	0.99 20	1.10 19	1.20 16
1965	0.00 2	0.00 2	0.04 2	0.06 2	0.11 1	0.14 1	0.15 1	0.20 2	0.33 4
1966	0.00 3	0.00 3	0.21 16	0.28 16	0.49 20	0.66 20	1.30 21	1.40 22	1.60 21
1967	0.10 11	0.10 11	0.10 7	0.10 6	0.11 2	0.15 3	0.19 4	0.34 10	0.53 10
1968	0.07 5	0.08 5	0.08 3	0.09 3	0.12 6	0.15 4	0.16 2	0.20 3	0.33 5
1969	0.13 12	0.15 12	0.15 11	0.16 11	0.24 11	0.27 11	0.30 10	0.30 8	0.48 9
1970	0.05 4	0.06 4	0.08 4	0.09 4	0.11 3	0.44 15	0.59 14	0.85 16	0.89 13
1971	0.15 13	0.15 13	0.17 12	0.17 12	0.18 10	0.19 7	0.21 6	0.23 4	0.25 2
1972	0.09 6	0.09 6	0.10 5	0.11 7	0.11 4	0.14 2	0.17 3	0.18 1	0.19 1
1973	0.23 20	0.23 18	0.23 17	0.25 14	0.28 13	0.29 12	0.30 11	0.31 9	0.33 6
1974	0.09 7	0.09 7	0.11 8	0.15 10	0.17 8	0.25 9	0.26 8	0.28 7	0.32 3
1975	0.10 8	0.10 8	0.12 9	0.14 8	0.18 9	0.20 8	0.20 5	0.24 5	0.36 7

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.14	0.95	1.14	1.25	1.47	1.91	1.81	4.74	10.8	11.1	7.59	1.48
3.13	0.35	0.45	0.44	0.43	2.22	1.63	69.9	311	405	209	11.9
1.77	0.59	0.67	0.66	0.65	1.49	1.28	8.36	17.6	20.1	14.5	3.45
3.50	0.45	0.35	0.33	-0.27	2.67	1.34	2.75	1.90	2.44	2.83	3.90
1.55	0.62	0.59	0.53	0.45	0.78	0.71	1.76	1.63	1.81	1.90	2.33
2.51	2.10	2.51	2.75	3.23	4.21	3.99	10.4	23.8	24.5	16.7	3.26

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
-0.18	-0.13	-0.04	0.02	0.10	0.18	0.16	0.26	0.38	0.37	0.12	-0.28
0.17	0.12	0.10	0.08	0.09	0.10	0.10	0.33	0.66	0.68	0.76	0.28
0.42	0.35	0.31	0.28	0.30	0.31	0.32	0.58	0.81	0.82	0.87	0.53
0.92	-0.77	-0.49	-0.76	-2.04	-0.56	-0.41	0.60	0.44	0.39	0.53	1.37
-2.25	-2.71	-8.65	13.9	3.14	1.74	2.05	2.22	2.12	2.20	7.16	-1.87
-19.2	-13.4	-3.75	2.13	10.0	18.7	16.2	27.1	39.9	39.0	12.7	-29.3

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
3.80	11.2	3.35	1.29	0.88	0.040

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.41	0.18	0.42	-0.23	1.04	0.077

06826500 SOUTH FORK REPUBLICAN RIVER NEAR HALE, COLO.

LOCATION.--Lat 39°37'26", long 102°09'47", in SW¼NE¼ sec.15, T.5 S., R.43 W., Yuma County, on right bank 0.5 mi (0.8 km) downstream from Bonny Dam and 1.2 mi (1.9 km) west of Hale.

DRAINAGE AREA.--1,825 mi² (4,727 km²), approximately.

REMARKS.--Flow regulated by Bonny Reservoir since July 6, 1950. Many diversions above station for irrigation. Water diverted by Hale ditch from Bonny Reservoir bypasses station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH FORK REPUBLICAN RIVER NEAR HALE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1952		18	127	92	45	29	2									1				1		2	49												
1953			74	207	66	17	1																												
1954				52	190	75	4	1	2	1	12	1		6	5	6	9			1															
1955				59	155	73	1	2	1	6	3	1				3	6	2	18		7	1	12	3	2	2	2	3	2	1					
1956			2	86	214	9					1			23	3	1	9		7	11															
1957				55	91	5	3	3	1			2		2	3	1	1	2	56	14	9	3	66	10	4	4	3	3	5	2	4	5	3	3	2
1958				51	45	26	2	7	4	13	21	4	1	7	21	11	12	2	3	6	2	9	62	2											
1959			122	139	10						1	10	10	13	16	1	1	1	3	1	2	3	25	7											
1960			2122	97	46	1	1	1	1	2				12	4	9	5	5	4	7	5	17	8	17											

06826500 SOUTH FORK REPUBLICAN RIVER NEAR HALE, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH FORK REPUBLICAN RIVER NEAR HALE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
YEAR														NUMBER OF DAYS IN CLASS																				
1961				1	4	5	1	1		1		1	2		1	12	25	8	4	8	2	16	17											
1962				9	4	1	6	7	9	2	6			3	3		1	2	19	11	2		1	2		37	6								
1963				1	1	5	1	8	2	1						1		1	20			1		1		22								
1964			1	1	3	2	1	7	1	7		2		1	1	8	3	19		1		2	5	1			27								
1965			6	6	7	1	5	5	2	1	2							2	1		2			1	1	12	94	1							
1966					8	0	1	4	8	7		2	1		3	1		2	2	4	3	4	1		2	1	8	1	3	5	1				
1967			6	2	2	0	4	5	1		1	9	2	1	6	4		4	1	1	6	2	3	1	1	1	1	3	1	9					
1968			5	2	1	5	3	4	7	1	1	9	3	1	1	3	9	2		1	1		5	1	1	2	0								
1969			6	7	5	1	6	4	3	5	2	2	1	2	1	1				3		1	1			2	1	3	6						
1970			1	3	2	2	0	5	8	1	3										2	1				3	5	2	1						
1971		1	1	4	2	1	4	3	7	2	3		3	1	1	5	3	3	4	3	3	2		1		1	2	1	0	1					
1972			5	8	2	0	6	5	7			1				1		1		2	2	1	2	1	1	6	1	2							
1973			3	1	1	6	2	3	9	8	2					1		1	3	5	5	2	1	2	2	1	4								
1974			2	1	2	3	8	1	2	1	1	1		1		6		2	1	1	4	4			8	4									
1975			3	0	1	7	7	8	1	3	1	0	2	3		2		1	1	9	7	1	1			2	1	7	1	1					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	8766	100.0	12	23.0	49	1822	20.8	24	150	6	50	.5
1	4.00	29	8766	100.0	13	26.0	177	1773	20.2	25	170	6	44	.5
2	4.70	424	8737	99.7	14	31.0	172	1596	18.2	26	200	5	38	.4
3	5.50	3035	8313	94.8	15	36.0	130	1424	16.2	27	240	6	33	.3
4	6.40	2577	5278	60.2	16	42.0	128	1294	14.8	28	280	7	27	.3
5	7.50	565	2701	30.8	17	50.0	60	1166	13.3	29	330	3	20	.2
6	8.80	51	2136	24.4	18	58.0	114	1106	12.6	30	380	4	17	.1
7	10.00	50	2085	23.8	19	68.0	69	992	11.3	31	450	5	13	.1
8	12.00	22	2035	23.2	20	80.0	64	923	10.5	32	530	3	8	
9	14.00	50	2013	23.0	21	93.0	209	859	9.8	33	620	3	5	
10	16.00	80	1963	22.4	22	110.0	533	650	7.4	34	720	2	2	
11	19.00	61	1883	21.5	23	130.0	67	117	1.3					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH FORK REPUBLICAN RIVER NEAR HALE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1952	128.0	10	127.0	9	125.0	9	123.0	8	122.0	5	104.0	5	72.0	7	55.0	7	38.0	8
1953	9.0	24	8.0	24	7.9	24	7.5	24	7.3	24	7.0	24	6.8	24	6.7	24	6.4	24
1954	72.0	22	42.0	23	42.0	23	40.0	23	33.0	23	21.0	23	17.0	23	15.0	23	12.0	23
1955	334.0	2	309.0	2	274.0	2	214.0	2	165.0	2	106.0	4	73.0	6	57.0	5	40.0	6
1956	72.0	23	71.0	22	70.0	22	66.0	21	47.0	21	39.0	21	29.0	21	23.0	21	18.0	22
1957	728.0	1	705.0	1	626.0	1	477.0	1	409.0	1	281.0	1	213.0	1	190.0	1	146.0	1
1958	130.0	8	129.0	7	127.0	7	127.0	6	125.0	3	124.0	2	104.0	3	86.0	3	64.0	2
1959	144.0	3	135.0	5	132.0	6	126.0	7	118.0	8	89.0	8	68.0	8	54.0	8	37.0	9
1960	144.0	4	141.0	3	138.0	3	134.0	3	98.0	10	93.0	7	78.0	4	63.0	4	44.0	4
1961	109.0	20	109.0	20	109.0	19	109.0	15	80.0	16	61.0	13	64.0	10	51.0	10	35.0	13
1962	117.0	16	114.0	17	112.0	17	104.0	17	89.0	12	56.0	14	42.0	16	49.0	12	37.0	10
1963	109.0	21	109.0	21	109.0	20	108.0	16	88.0	13	54.0	16	38.0	17	30.0	17	22.0	19
1964	121.0	14	121.0	14	120.0	13	118.0	11	67.0	18	45.0	19	33.0	18	27.0	18	23.0	18
1965	130.0	9	127.0	8	125.0	10	122.0	9	120.0	6	117.0	3	115.0	2	89.0	2	61.0	3
1966	135.0	7	135.0	6	133.0	4	131.0	4	125.0	4	87.0	9	60.0	11	47.0	13	36.0	11
1967	117.0	17	117.0	15	116.0	14	114.0	12	95.0	11	62.0	12	52.0	13	42.0	15	29.0	15
1968	126.0	11	123.0	12	121.0	12	100.0	18	64.0	20	44.0	20	32.0	20	26.0	19	26.0	16
1969	126.0	12	126.0	10	125.0	11	122.0	10	120.0	7	74.0	10	65.0	9	51.0	11	43.0	5
1970	112.0	18	112.0	18	112.0	18	112.0	13	110.0	9	95.0	6	73.0	5	56.0	6	39.0	7
1971	144.0	5	117.0	16	115.0	15	112.0	14	85.0	14	49.0	17	43.0	15	36.0	16	26.0	17
1972	121.0	15	121.0	13	113.0	16	83.0	20	65.0	19	46.0	18	33.0	19	26.0	20	19.0	20
1973	126.0	13	126.0	11	126.0	8	87.0	19	68.0	17	56.0	15	51.0	14	52.0	9	36.0	12
1974	109.0	19	109.0	19	83.0	21	64.0	22	41.0	22	33.0	22	24.0	22	20.0	22	18.0	21
1975	144.0	6	140.0	4	133.0	5	131.0	5	82.0	15	70.0	11	53.0	12	43.0	14	30.0	14

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH FORK REPUBLICAN RIVER NEAR HALE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1953	4.50	3	4.50	1	4.50	1	4.70	1	4.70	1	4.90	1	5.00	1	5.00	1	5.20	1
1954	5.40	15	5.40	14	5.50	11	5.60	13	5.80	11	5.90	11	6.00	9	6.10	8	6.30	6
1955	5.80	20	5.80	19	6.00	21	6.20	22	6.30	22	6.40	22	6.40	20	6.50	18	7.60	15
1956	5.00	9	5.20	11	5.50	12	5.60	14	5.80	12	6.00	12	6.30	15	7.80	21	18.00	21
1957	5.50	16	5.50	15	5.80	18	6.00	20	6.20	21	6.20	19	6.30	16	6.30	13	6.50	13
1958	5.80	21	6.10	23	6.40	23	6.50	23	6.50	23	6.60	23	6.60	23	6.70	20	9.90	18
1959	5.50	17	5.50	16	5.50	13	5.50	9	5.90	13	6.20	20	6.40	21	6.50	19	8.90	17
1960	5.20	10	5.50	17	5.50	14	5.60	15	5.90	14	6.00	13	6.00	10	6.10	9	6.30	7
1961	5.80	22	5.80	20	5.80	19	5.90	18	6.10	19	6.10	14	6.30	17	6.40	16	6.40	9
1962	5.80	23	5.80	21	6.00	22	6.10	21	6.10	20	6.20	21	6.30	18	6.30	14	6.40	10
1963	5.50	18	5.80	22	5.80	20	5.90	19	6.00	18	6.10	15	6.30	19	6.40	17	6.40	11
1964	5.20	11	5.40	12	5.50	15	5.50	10	5.90	15	6.10	16	6.20	13	6.20	10	16.00	20
1965	5.50	19	5.50	18	5.50	16	5.60	16	5.90	16	6.10	17	6.30	14	6.30	15	6.40	12

06826500 SOUTH FORK REPUBLICAN RIVER NEAR HALE, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH FORK REPUBLICAN RIVER NEAR HALE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1966	4.80	4	5.10	8	5.30	9	5.70	17	6.00	17	6.10	18	6.60	22	10.00	22	36.00	22
1967	5.20	12	5.40	13	5.50	17	5.50	11	5.60	7	5.80	9	6.00	11	6.00	7	6.10	4
1968	5.20	13	5.20	9	5.40	10	5.50	12	5.60	8	5.70	6	5.80	6	6.20	11	6.80	14
1969	5.20	14	5.20	10	5.20	7	5.40	7	5.70	10	5.80	10	6.10	12	6.20	12	6.30	8
1970	4.80	5	4.90	6	5.30	8	5.50	8	5.60	9	5.70	7	5.80	7	11.00	23	39.00	23
1971	4.20	1	4.50	2	5.10	6	5.30	6	5.50	5	5.60	5	5.70	4	5.80	4	6.10	5
1972	4.50	2	4.50	3	4.50	2	4.70	2	5.10	2	5.30	2	5.50	2	5.50	2	5.50	2
1973	4.80	6	4.80	4	4.90	4	5.00	3	5.30	3	5.60	3	5.70	5	5.80	5	8.60	16
1974	4.80	7	4.80	5	4.80	3	5.00	4	5.60	6	5.80	8	5.90	8	6.00	6	11.00	19
1975	5.00	8	5.00	7	5.10	5	5.20	5	5.30	4	5.60	4	5.60	3	5.70	3	5.80	3

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
22.9	16.1	7.81	6.35	6.35	23.3	43.2	57.4	39.4	19.5	12.5	20.4
1026	444	20.8	0.24	0.19	784	1372	3256	3270	492	576	1036
32.0	21.1	4.56	0.49	0.44	28.0	37.0	57.1	57.2	22.2	24.0	32.2
2.46	2.18	3.36	-0.03	0.60	1.98	1.08	2.37	2.77	1.67	4.53	2.22
1.40	1.31	0.58	0.08	0.07	1.20	0.86	0.99	1.45	1.14	1.93	1.58
8.33	5.84	2.84	2.31	2.31	8.47	15.7	20.9	14.3	7.09	4.53	7.41

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.11	0.99	0.85	0.80	0.80	1.14	1.46	1.56	1.28	1.08	0.89	1.00
0.18	0.14	0.03	0.00	0.00	0.17	0.19	0.21	0.27	0.17	0.09	0.20
0.43	0.37	0.16	0.03	0.03	0.42	0.43	0.46	0.52	0.41	0.31	0.45
1.12	1.61	2.64	-0.14	0.38	0.92	-0.28	-0.28	0.66	0.91	3.18	1.71
0.39	0.38	0.19	0.04	0.04	0.36	0.30	0.29	0.40	0.38	0.35	0.45
8.55	7.67	6.59	6.19	6.19	8.83	11.2	12.0	9.86	8.30	6.85	7.70

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
23.0	232	15.2	3.04	0.66	0.109

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.30	0.05	0.22	0.43	0.17	0.151

06827000 SOUTH FORK REPUBLICAN RIVER NEAR COLORADO-KANSAS STATE LINE

LOCATION.--Lat 39°40'10", long 102°00'40", in SE¼SE¼ sec.27, T.4 S., R.42 W., Cheyenne County, Kans., on left bank at downstream side of bridge on county road, 2 mi (3 km) downstream from Colorado-Kansas State line, 5 mi (8 km) downstream from Beaver Creek, 11 mi (18 km) downstream from Bonny Dam, and 15 mi (24 km) southwest of St. Francis, Kans.

DRAINAGE AREA.--1,860 mi² (4,820 km²), approximately.

REMARKS.--Natural flow of stream affected by diversions for irrigation, return flow from irrigated areas, and, since July 6, 1950, by storage in Bonny Reservoir. Statistical summaries are shown for two periods, water years 1947-49 and water years 1951-56.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SF REPUBLICAN R NR CO-KS ST LINE, KS

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1947	3		/		9			8		2	7	11	16	6	4	9	6	15	20	46	83	68	38	10		1						1		1	1
1948										1	2		1	2	14	18	28	21	49	86	66	41	13	5	6	4	4	1	2	2					
1949	8	1					1	1	3	2	1	1	2	2		11	4	8	48	47	53	80	39	29	12	7		1		1	1	1		1	

06827000 SOUTH FORK REPUBLICAN RIVER NEAR COLORADO-KANSAS STATE LINE--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SF REPUBLICAN R NR CO-KS ST LINE, KS

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	11	1096	100.0	12	5.9	19	1035	94.4	24	110	18	47	4.2
1	0.40	1	1085	99.0	13	7.5	10	1016	92.7	25	140	12	29	2.6
2	0.50	0	1084	98.9	14	9.6	18	1006	91.8	26	180	4	17	1.5
3	0.70	0	1084	98.9	15	12.0	38	988	90.1	27	230	2	13	1.1
4	0.80	9	1084	98.9	16	16.0	38	950	86.7	28	290	2	11	1.0
5	1.10	0	1075	98.1	17	20.0	44	912	83.2	29	370	3	9	.8
6	1.40	1	1075	98.1	18	25.0	117	868	79.2	30	480	1	6	.5
7	1.70	9	1074	98.0	19	33.0	179	751	68.5	31	610	2	5	.4
8	2.20	3	1065	97.2	20	42.0	202	572	52.2	32	780		3	.2
9	2.80	5	1062	96.9	21	53.0	189	370	33.8	33	990	2	3	.2
10	3.60	10	1057	96.4	22	68.0	90	181	16.5	34	1300	1	1	
11	4.60	12	1047	95.5	23	86.0	44	91	8.3					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SF REPUBLICAN R NR CO-KS ST LINE, KS

YEAR	1		3		7		15		30		60		90		120		183	
1947	1480.0	1	691.0	1	336.0	1	193.0	2	130.0	2	116.0	1	95.0	1	88.0	1	76.0	2
1948	462.0	3	376.0	3	225.0	3	171.0	3	118.0	3	80.0	3	69.0	3	63.0	3	60.0	3
1949	1150.0	2	472.0	2	261.0	2	213.0	1	147.0	1	91.0	2	88.0	2	83.0	2	77.0	1

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SF REPUBLICAN R NR CO-KS ST LINE, KS

YEAR	1		3		7		14		30		60		90		120		183	
1948	0.00	1	0.33	2	0.86	2	0.93	1	2.50	1	5.00	1	8.70	1	12.00	1	21.00	1
1949	3.70	3	5.60	3	7.90	3	9.50	3	11.00	3	16.00	2	25.00	2	28.00	2	35.00	2
1950	0.00	2	0.00	1	0.00	1	1.70	2	6.00	2	25.00	3	44.00	3	44.00	3	49.00	3

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SF REPUBLICAN R NR CO-KS ST LINE, KS

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1951														4	5	8	34	43	89	28	27	17	16	27	27	27	8		1	1		1	2		
1952	16	4		4	4	5	2	8	3	6	10	7	14	20	4	8	11	14	71	65	36	1	1		1	13	36	2							
1953	1			1	4		1	5	5	4	4	15	19	29	10	20	28	38	98	60	14	5		1	1	1	1							
1954	12	1			1	1		4	4	9	18	19	15	10	10	12	16	21	93	46	39	4	15	13	1	1								
1955								13	9	5	5	8	5	7	6	13	18	20	139	40	7	7	5	19	7	3	11	5	6	5	1	1			
1956					1				4	3	2	5	4	8	25	16	23	41	142	30	25	4	1	16	7	5	2			2					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	29	2192	100.0	12	3.0	57	1959	89.4	24	69	44	179	8.1
1	0.10	5	2163	98.7	13	3.9	78	1902	86.8	25	90	50	135	6.1
2	0.20	0	2158	98.4	14	5.1	60	1824	83.2	26	120	58	85	3.8
3	0.30	5	2158	98.4	15	6.6	77	1764	80.5	27	150	7	27	1.2
4	0.40	10	2153	98.2	16	8.6	130	1687	77.0	28	200	7	20	.9
5	0.50	6	2143	97.8	17	11.0	177	1557	71.0	29	260	8	13	.5
6	0.60	3	2137	97.5	18	14.0	632	1380	63.0	30	330	1	5	.2
7	0.80	30	2134	97.4	19	19.0	269	748	34.1	31	430	2	4	.1
8	1.10	25	2104	96.0	20	24.0	148	479	21.9	32	560	2	2	
9	1.40	27	2079	94.8	21	32.0	38	331	15.1	33				
10	1.80	39	2052	93.6	22	41.0	38	293	13.4	34				
11	2.30	54	2013	91.8	23	53.0	76	255	11.6					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SF REPUBLICAN R NR CO-KS ST LINE, KS

YEAR	1		3		7		15		30		60		90		120		183	
1951	598.0	1	290.0	2	190.0	2	141.0	2	123.0	3	101.0	3	77.0	3	74.0	1	65.0	1
1952	189.0	4	156.0	4	138.0	3	134.0	3	127.0	2	110.0	2	80.0	2	65.0	3	49.0	3
1953	133.0	5	81.0	5	38.0	6	25.0	6	23.0	6	20.0	6	19.0	6	19.0	6	18.0	6
1954	113.0	6	55.0	6	55.0	5	53.0	5	46.0	5	34.0	5	30.0	5	27.0	5	25.0	5
1955	470.0	2	316.0	1	281.0	1	251.0	1	195.0	1	131.0	1	92.0	1	73.0	2	54.0	2
1956	322.0	3	160.0	3	83.0	4	76.0	4	53.0	4	49.0	4	39.0	4	33.0	4	27.0	4

06827000 SOUTH FORK REPUBLICAN RIVER NEAR COLORADO-KANSAS STATE LINE--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SF REPUBLICAN R NR CO-KS ST LINE, KS

YEAR	1		3		7		14		30		60		90		120		183	
1952	5.00	5	7.10	5	8.10	5	12.00	5	15.00	5	16.00	5	17.00	5	17.00	5	17.00	4
1953	0.00	1	0.00	1	0.06	2	0.16	1	0.38	1	1.40	1	1.80	1	2.70	1	5.90	1
1954	0.00	2	0.24	3	0.56	3	1.20	4	1.80	4	5.80	4	8.10	3	7.80	3	10.00	3
1955	0.00	3	0.00	2	0.00	1	0.27	2	1.60	2	2.50	2	2.80	2	4.30	2	9.90	2
1956	0.91	4	1.00	4	1.00	4	1.20	3	1.70	3	4.50	3	13.00	4	16.00	4	23.00	5

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
19.8	23.1	17.3	18.2	18.9	28.7	43.0	37.7	50.7	33.3	10.5	6.58
239	132	11.2	9.59	33.8	592	1274	1328	4564	1414	75.0	41.8
15.5	11.5	3.35	3.10	5.82	24.3	35.7	36.4	67.6	37.6	8.66	6.46
2.02	2.03	-0.74	-0.47	1.36	2.38	1.40	2.12	1.26	0.94	0.79	2.32
0.78	0.50	0.19	0.17	0.31	0.85	0.83	0.97	1.33	1.13	0.82	0.98
6.42	7.51	5.63	5.92	6.14	9.31	14.0	12.3	16.5	10.8	3.42	2.14

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.21	1.33	1.23	1.26	1.26	1.37	1.52	1.45	1.31	1.14	0.86	0.70
0.08	0.03	0.01	0.01	0.02	0.07	0.12	0.11	0.41	0.54	0.20	0.10
0.27	0.18	0.09	0.08	0.12	0.26	0.34	0.34	0.64	0.73	0.44	0.31
1.27	1.39	-1.05	-0.73	0.92	2.07	0.55	1.12	0.80	-0.24	-0.42	1.79
0.23	0.14	0.07	0.06	0.10	0.19	0.23	0.23	0.49	0.65	0.51	0.44
8.28	9.07	8.41	8.57	8.61	9.37	10.4	9.91	8.96	7.76	5.89	4.80

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
25.7	108	10.4	0.29	0.41	0.043

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.38	0.03	0.18	-0.15	0.13	0.054

ARKANSAS RIVER BASIN STATIONS

07079500 EAST FORK ARKANSAS RIVER NEAR LEADVILLE, COLO.

LOCATION.--Lat 39°15'35", long 106°20'24", in SE¼SW¼ sec.16, T.9 S., R.80 W., Lake County, at highway bridge 600 ft (180 m) upstream from confluence with Tennessee Creek and 2.7 mi (4.3 km) northwest of Leadville.

DRAINAGE AREA.--50 mi^2 (129 km^2).

REMARKS.--Continuous diversion of 2 ft^3/s (0.06 m^3/s), which may be increased to 3 ft^3/s (0.08 m^3/s) during winter, above the station by the Leadville Water Co.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
EAST FORK ARKANSAS RIVER NEAR LEADVILLE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1914			121	31			19	15	17		25	19	5	6	8	3	1	6	1	6	5	12	6	8	11	9	7	14	8	2					
1915					80	65	28	2	18	15	3	19	11	31	7	8	5	11	5	8	6	9	9	2	10	8	5								
1916					22	29		93		2	9	4	17	8	38	7	5	15	9	24	13	24	7	3	6	11	8	6	5	1					
1917			12	34	31	33	31	78	7		19	11	8	6	8	10	10	16	2	4	4	5	3	5	1	7	2	1	2	5	9	1			
1918			166	12		32	1		1	1	15	11	3	9	30	8	7	1	1	5	2	6	3	10	6	4	2	7	9	6	1	1	1	4	
1919							25	90	67	2	45	5	6	13	8	6	38	5	6	6	8	18	11	5	1										
1920					60	31		61	31	7	29	13	13	8	4	13	9	33	11	5	2	8	3		1	1	2	5	9	6	1				
1921						151		26	2	6	20	20	7	3	18	9	8	11	7	11	14	6	7	3	7	4	9	6		2	2	1	3		2
1922							41	33	17	125	12	6	16	13	16	11	5	9	7	10	5	7	8	5		2	1	3	5	4	4				
1923		15	4	32	7	52	3	95	5	2	2	1	2	4	10	21	5	13	6	9	6	3	13	11	4	2	8	14	8	6	2				
1924		31		29				62	43	14	28		32	38	9	9	1	6	3	12	8		10	17		3	6	3	2						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4018	100.0	12	22.0	120	1537	38.3	24	140	47	319	7.9
1	4.00	46	4018	100.0	13	26.0	139	1417	35.3	25	160	51	272	6.7
2	4.70	303	3972	98.9	14	30.0	156	1278	31.8	26	190	50	221	5.5
3	5.50	138	3669	91.3	15	35.0	105	1122	27.9	27	220	59	171	4.2
4	6.40	200	3531	87.9	16	41.0	94	1017	25.3	28	260	48	112	2.7
5	7.40	393	3331	82.9	17	48.0	126	923	23.0	29	300	32	64	1.5
6	8.70	148	2938	73.1	18	56.0	58	797	19.8	30	360	19	32	.7
7	10.00	555	2790	69.4	19	65.0	100	739	18.4	31	420	3	13	.3
8	12.00	208	2235	55.6	20	76.0	73	639	15.9	32	490	4	10	.2
9	14.00	174	2027	50.4	21	88.0	98	566	14.1	33	570	4	6	.1
10	16.00	207	1853	46.1	22	100.0	80	468	11.6	34	660	2	2	
11	19.00	109	1646	41.0	23	120.0	69	388	9.7					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
EAST FORK ARKANSAS RIVER NEAR LEADVILLE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1914	326.0	8	305.0	7	276.0	7	263.0	7	245.0	5	197.0	4	160.0	3	128.0	3	89.0	5
1915	209.0	10	189.0	10	171.0	10	165.0	10	146.0	10	117.0	10	94.0	10	76.0	10	54.0	10
1916	328.0	7	294.0	8	275.0	8	247.0	8	202.0	8	157.0	6	132.0	6	119.0	5	91.0	3
1917	448.0	3	426.0	3	415.0	3	387.0	3	286.0	3	183.0	5	133.0	5	103.0	6	70.0	7
1918	650.0	2	638.0	2	557.0	1	423.0	1	332.0	1	238.0	1	174.0	1	138.0	2	96.0	2
1919	152.0	11	143.0	11	118.0	11	105.0	11	104.0	11	86.0	11	74.0	11	64.0	11	49.0	11
1920	383.0	6	328.0	6	316.0	5	300.0	5	243.0	6	154.0	7	121.0	7	99.0	7	71.0	6
1921	773.0	1	663.0	1	556.0	2	397.0	2	295.0	2	202.0	3	154.0	4	127.0	4	89.0	4
1922	402.0	4	389.0	4	344.0	4	315.0	4	227.0	7	148.0	8	112.0	8	93.0	8	67.0	8
1923	390.0	5	343.0	5	313.0	6	283.0	6	274.0	4	214.0	2	170.0	2	140.0	1	98.0	1
1924	285.0	9	268.0	9	245.0	9	214.0	9	160.0	9	130.0	9	101.0	9	80.0	9	57.0	9

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
EAST FORK ARKANSAS RIVER NEAR LEADVILLE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1915	7.00	7	7.00	7	7.00	7	7.00	7	7.00	5	7.00	4	7.30	4	7.50	4	11.00	5
1916	6.60	4	6.60	4	6.60	4	6.60	4	7.80	7	9.00	8	9.40	8	9.20	8	12.00	7
1917	7.00	5	7.00	5	7.00	5	7.00	5	7.00	6	7.50	6	8.00	7	8.50	7	13.00	8
1918	5.00	3	5.00	3	5.00	3	5.00	3	5.00	3	5.00	1	5.00	1	5.00	1	5.20	1
1919	8.00	8	8.00	8	8.00	8	8.00	8	8.00	8	9.80	9	9.90	9	10.00	9	11.00	6
1920	7.00	6	7.00	6	7.00	6	7.00	6	7.00	4	7.00	5	7.30	5	8.00	5	10.00	3
1921	8.00	9	8.00	9	8.00	9	8.00	9	8.00	9	8.00	7	8.00	6	8.00	6	10.00	4
1922	8.00	10	8.00	10	8.00	10	8.00	10	8.00	10	10.00	10	11.00	10	12.00	10	13.00	9
1923	4.00	1	4.00	1	4.00	1	4.20	2	4.90	2	5.60	3	6.40	2	7.30	2	8.20	2
1924	4.00	2	4.00	2	4.00	2	4.00	1	4.00	1	5.00	2	6.60	3	7.50	3	14.00	10

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
16.9	11.8	9.00	8.27	7.73	8.27	12.6	84.2	211	81.2	40.8	23.7
60.5	32.6	6.80	8.22	4.02	5.82	43.8	1010	4137	743	323	132
7.78	5.71	2.61	2.87	2.00	2.41	6.62	31.8	64.3	27.3	18.0	11.5
-0.07	0.82	0.04	0.29	0.18	0.39	2.00	-1.25	0.08	0.41	1.35	1.20
0.46	0.48	0.29	0.35	0.26	0.29	0.52	0.38	0.30	0.34	0.44	0.48
3.27	2.29	1.74	1.60	1.50	1.60	2.45	16.3	41.0	15.7	7.91	4.59

07079500 EAST FORK ARKANSAS RIVER NEAR LEADVILLE, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.17	1.03	0.94	0.89	0.87	0.90	1.06	1.87	2.31	1.89	1.58	1.33
0.06	0.05	0.02	0.03	0.01	0.02	0.04	0.07	0.02	0.02	0.03	0.04
0.24	0.21	0.14	0.16	0.12	0.13	0.19	0.27	0.14	0.15	0.18	0.21
-0.87	-0.05	-0.72	-0.52	-0.23	-0.22	0.84	-2.24	-0.63	0.07	0.15	-0.08
0.21	0.21	0.15	0.18	0.13	0.14	0.18	0.14	0.06	0.08	0.11	0.16
7.41	6.48	5.91	5.63	5.52	5.69	6.69	11.8	14.6	11.9	9.95	8.40

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
43.0	66.5	8.16	-0.30	0.19	-0.603

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.63	0.01	0.09	-0.52	0.05	-0.561

07081000 TENNESSEE CREEK NEAR LEADVILLE, COLO.

LOCATION.--Lat 39°15'51", long 106°20'25", in NE¼SW¼ sec.16, T.9 S., R.80 W., Lake County, at highway bridge about 0.2 mi (0.3 km) upstream from confluence with East Fork Arkansas River and 2.8 mi (4.5 km) northwest of Leadville.

DRAINAGE AREA.--48 mi^2 (124 km^2).

REMARKS.--Court decree for diversions of 8 ft^3/s (0.23 m^3/s) above station since 1919. Transmountain diversion from Colorado River Basin to Arkansas River basin enters above this station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TENNESSEE CREEK NEAR LEADVILLE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1914												31	90		85		6	1	32	3	4	8	7	8	16	15	8	2	4	14	10	6	6	7	2
1915				59				31		31		8	5	54	54	5	4	5	22	6	9	5	18	9	11	12	8	5	2	2					
1916									1	1	32	4	71	37	7	2	47	8	12	10	15	6	40	11	8	12	8	8	16	9	1			
1917								1	9	12	105	56	9	23	12	10	34		2		8	27	4	3	6	7	7	5	10	8	4	3			
1918		6		1	8	1	2	1	1	102	1	3	9	35	46	3	10	40	4	1	5	1	7	9	4	23	1			4	6	12	7	11	1
1919												38	11	118	23	23	20	3	5	4	39	3	12	14	39	6	5	1	1						
1920												60	31	67	6	32	43	10	9	5	8	9	10	4	6	8	33		1	2	5	11	3	3	
1921					3			3	4	3	4	24	90	4	40	14	9	34	10	10	12	13	6	9	6	6	13	16	9	3	5	11	3	1	
1922					5			3	7	8	8	4	2	162	12	6	41	8	5	13	6	2	8	5	4	11	7	10	14	5	3	6			
1923					23			7	31			31		17	63	8	21	9	18	24	4	8	3	7	5	6	15	15	7	14	7	16	5	1	
1924									11	15	39	5	64	39	9		40	35	5	5	1	3	11	10	18	11	12	5	6	12	5	1	4		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4018	100.0	12	7.5	382	3175	79.0	24	67	123	733	18.2
1	1.00	6	4018	100.0	13	8.9	556	2793	69.5	25	80	117	610	15.1
2	1.20	0	4012	99.9	14	11.0	357	2237	55.7	26	96	117	493	12.2
3	1.40	60	4012	99.9	15	13.0	103	1880	46.8	27	120	67	376	9.3
4	1.70	39	3952	98.4	16	15.0	275	1777	44.2	28	140	70	309	7.6
5	2.10	1	3913	97.4	17	19.0	153	1502	37.4	29	170	73	239	5.9
6	2.50	2	3912	97.4	18	22.0	124	1349	33.6	30	200	46	166	4.1
7	3.00	46	3910	97.3	19	27.0	81	1225	30.5	31	240	66	120	2.9
8	3.60	64	3864	96.2	20	32.0	111	1144	28.5	32	290	28	54	1.3
9	4.30	172	3800	94.6	21	39.0	85	1033	25.7	33	340	23	26	.6
10	5.20	189	3628	90.3	22	46.0	126	948	23.6	34	410	3	3	
11	6.20	264	3439	85.6	23	56.0	89	822	20.5					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TENNESSEE CREEK NEAR LEADVILLE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1914	431.0	1	391.0	2	348.0	2	344.0	2	283.0	2	217.0	2	170.0	3	142.0	1	100.0	1
1915	177.0	10	144.0	10	127.0	10	110.0	10	101.0	10	83.0	10	70.0	10	57.0	11	42.0	11
1916	200.0	9	194.0	9	177.0	9	164.0	9	141.0	9	121.0	9	99.0	8	87.0	7	67.0	7
1917	256.0	8	251.0	8	231.0	8	199.0	8	175.0	7	126.0	8	99.0	9	78.0	9	54.0	9
1918	412.0	2	401.0	1	385.0	1	365.0	1	307.0	1	227.0	1	171.0	1	133.0	3	92.0	3
1919	149.0	11	134.0	11	95.0	11	79.0	11	77.0	11	72.0	11	63.0	11	58.0	10	44.0	10
1920	370.0	3	370.0	3	323.0	3	293.0	3	235.0	4	171.0	5	136.0	5	109.0	5	77.0	5
1921	358.0	4	327.0	4	294.0	4	270.0	5	223.0	5	173.0	4	137.0	4	110.0	4	80.0	4
1922	279.0	7	265.0	7	255.0	7	213.0	7	174.0	8	142.0	7	107.0	7	87.0	8	62.0	8
1923	340.0	5	299.0	6	288.0	5	276.0	4	259.0	3	205.0	3	171.0	2	140.0	2	99.0	2
1924	327.0	6	310.0	5	276.0	6	230.0	6	186.0	6	145.0	6	119.0	6	97.0	6	67.0	6

07081000 TENNESSEE CREEK NEAR LEADVILLE, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TENNESSEE CREEK NEAR LEADVILLE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1915	1.50	2	1.50	2	1.50	2	1.50	1	1.50	1	1.50	1	2.00	1	2.80	1	5.40	2
1916	4.00	5	5.00	6	6.00	7	6.00	7	6.00	6	7.00	7	7.30	7	8.00	8	8.40	5
1917	5.00	7	6.00	7	6.00	8	6.00	8	6.00	7	6.00	4	6.00	4	6.30	4	7.30	4
1918	1.00	1	1.00	1	1.10	1	1.50	2	2.80	3	3.60	3	3.90	3	4.20	2	5.10	1
1919	6.20	9	6.20	9	6.50	9	7.00	9	7.00	8	8.00	9	8.70	10	8.70	9	9.30	9
1920	7.00	10	7.00	10	7.00	10	7.00	10	7.00	9	7.00	8	7.30	8	7.70	7	9.10	8
1921	2.00	3	3.30	4	4.10	4	4.70	4	5.50	4	6.50	5	7.00	5	7.30	5	8.80	6
1922	4.00	6	4.00	5	4.40	5	5.30	5	7.00	10	8.40	10	8.60	9	8.70	10	9.00	7
1923	2.00	4	2.00	3	2.00	3	2.10	3	2.20	2	2.90	2	3.80	2	4.90	3	6.90	3
1924	6.00	8	6.00	8	6.00	6	6.00	6	6.00	5	7.00	6	7.30	6	7.70	6	12.00	10

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
9.85	9.45	7.59	7.05	7.77	9.04	31.3	129	170	58.1	24.	14.4
24.0	15.3	2.54	6.82	6.17	11.6	294	2562	4512	511	1[illegible]7	[illegible]
4.90	3.92	1.59	2.61	2.48	3.40	17.2	50.6	67.2	22.6	1[illegible]	[illegible]
0.34	0.66	-1.08	-0.59	-1.63	0.04	0.82	-0.05	0.42	0.73	-0.10	0.[illegible]
0.50	0.41	0.21	0.37	0.32	0.38	0.55	0.39	0.40	0.39	0.4[illegible]	0.47
2.06	1.98	1.59	1.47	1.63	1.89	6.56	27.0	35.5	12.1	[illegible]	3.01

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.93	0.94	0.87	0.81	0.85	0.92	1.44	2.07	2.20	1.73	1.34	1.11
0.08	0.04	0.01	0.05	0.06	0.04	0.05	0.04	0.03	0.03	0.06	0.04
0.28	0.19	0.10	0.23	0.23	0.19	0.23	0.20	0.19	0.17	0.25	0.21
-1.18	-0.49	-1.36	-2.15	-2.78	-1.12	0.39	-0.84	-0.49	-0.14	-0.66	-0.09
0.30	0.21	0.12	0.29	0.28	0.21	0.16	0.10	0.08	0.10	0.18	0.19
6.10	6.17	5.72	5.29	5.60	6.06	9.46	13.6	14.4	11.4	8.81	7.32

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
39.9	108	10.4	-0.06	0.26	-0.562

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.59	0.01	0.12	-0.48	0.08	-0.543

07081200 ARKANSAS RIVER NEAR LEADVILLE, COLO.

LOCATION.--Lat 39°15'26", long 106°20'35", in NW¼NW¼ sec.21, T.9 S., R.80 W., Lake County, on right bank 500 ft (150 m) downstream from confluence of East Fork Arkansas River and Tennessee Creek, 0.5 mi (0.8 km) downstream from highway bridge, and 2.8 mi (4.5 km) west of Leadville.

DRAINAGE AREA.--97.2 mi² (251.7 km²).

REMARKS.--Transmountain diversion from Colorado River Basin to Arkansas River basin enters above this station. Small diversions upstream for irrigation and municipal use.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER NEAR LEADVILLE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1968		1	5	23	32	45	49	31	13	11	5	9	11	8	3	13	16	13	5	16	8	8	3	4	7	2	4	4	7	5	2	3			
1969			3	71	15	8	16	15	34	13	19	22	14	14	8	8	7	6	5	17	11	6	2	5	13	7	3	8	5	4	1	5			
1970			7	46	46	6	30	15	15	17	5	29	12	16	9	11	7	7	6	6	1	6	4	2	7	7	1	7	5	10	13	4	4	4	
1971				9	16	18	24	23	12	20	23	23	28	14	29	22	12	8	7	4	7	13	8	5	5	5	6	6	6	3	8	1			
1972				3	6	36	33	47	19	39	19	33	14	11	7	10	7	9	11	5	2	6	4	3	8	3	4	3	9	1	3	4	4	3	
1973					1	75	25	42	29	25	42	11	7	8	4	2	4	2	6	2	5	7	6	10	12	5	6	9	6	3	5		1	4	1
1974		105	8	14	15	23	29	29	17	6	3	5	2	5	5	3	5	11	9	12	2	3	6	5	11	12	14		4	2					
1975			4	76	61	27	24	19	6	16	8	6	13	2	5	4	8	3	3	4	9	11	7	3	6	3	10	5	13	7	2				

07081200 ARKANSAS RIVER NEAR LEADVILLE, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER NEAR LEADVILLE, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2922	100.0	12	37.0	101	1112	38.1	24	180	69	365	12.4
1	8.50	106	2922	100.0	13	42.0	78	1011	34.6	25	210	44	296	10.1
2	9.70	27	2816	96.4	14	48.0	70	933	31.9	26	240	48	252	8.6
3	11.00	242	2789	95.4	15	55.0	73	863	29.5	27	270	42	204	6.9
4	13.00	192	2547	87.2	16	63.0	66	790	27.0	28	310	55	162	5.5
5	15.00	238	2355	80.6	17	72.0	59	724	24.8	29	360	35	107	3.6
6	17.00	230	2117	72.5	18	82.0	52	665	22.8	30	410	34	72	2.4
7	19.00	221	1887	64.6	19	94.0	66	613	21.0	31	470	17	38	1.3
8	22.00	145	1666	57.0	20	110.0	45	547	18.7	32	540	9	21	.7
9	25.00	147	1521	52.1	21	120.0	60	502	17.2	33	610	11	12	.4
10	28.00	124	1374	47.0	22	140.0	40	442	15.1	34	700	1	1	
11	32.00	138	1250	42.8	23	160.0	37	402	13.8					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER NEAR LEADVILLE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1968	488.0	5	485.0	5	431.0	6	358.0	6	325.0	7	218.0	7	183.0	7	153.0	7	111.0	7
1969	518.0	4	500.0	4	469.0	4	400.0	5	337.0	5	255.0	6	204.0	6	170.0	4	124.0	5
1970	631.0	3	623.0	3	612.0	2	543.0	1	457.0	1	380.0	1	292.0	1	235.0	1	164.0	1
1971	472.0	6	459.0	6	454.0	5	412.0	4	339.0	4	256.0	5	205.0	5	169.0	5	127.0	3
1972	655.0	2	650.0	2	590.0	3	526.0	2	415.0	2	290.0	3	220.0	3	177.0	3	127.0	4
1973	705.0	1	699.0	1	632.0	1	474.0	3	402.0	3	299.0	2	242.0	2	193.0	2	134.0	2
1974	370.0	8	357.0	8	319.0	8	270.0	8	246.0	8	215.0	8	172.0	8	141.0	8	98.0	8
1975	465.0	7	403.0	7	361.0	7	356.0	7	326.0	6	262.0	4	209.0	4	169.0	6	118.0	6

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER NEAR LEADVILLE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1969	10.00	3	11.00	5	11.00	3	11.00	3	11.00	3	11.00	2	12.00	2	13.00	3	17.00	3
1970	10.00	4	10.00	3	11.00	4	11.00	4	12.00	4	13.00	4	13.00	3	15.00	4	20.00	4
1971	10.00	5	10.00	4	11.00	5	11.00	5	13.00	5	17.00	7	17.00	5	19.00	7	24.00	7
1972	12.00	6	12.00	6	14.00	6	14.00	6	15.00	6	16.00	5	17.00	6	17.00	5	20.00	5
1973	14.00	7	15.00	7	15.00	7	15.00	7	15.00	7	16.00	6	18.00	7	18.00	6	21.00	6
1974	8.50	1	8.50	1	8.50	1	8.60	2	8.80	1	9.00	1	9.20	1	9.80	1	13.00	1
1975	8.50	2	8.50	2	8.50	2	8.50	1	11.00	2	12.00	3	13.00	4	13.00	2	14.00	2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
27.2	22.1	16.9	14.1	14.3	14.6	29.4	174	318	138	58.2	34.3
42.4	21.1	11.8	6.54	13.0	18.6	301	7105	4377	2604	459	88.5
6.51	4.59	3.44	2.56	3.61	4.32	17.3	84.3	66.2	51.0	21.4	9.41
0.40	-0.33	-0.58	-0.87	0.48	0.39	0.50	0.94	-0.59	0.96	1.51	-0.76
0.24	0.21	0.20	0.18	0.25	0.30	0.59	0.48	0.21	0.37	0.37	0.27
3.15	2.57	1.96	1.64	1.66	1.69	3.41	20.2	37.0	16.0	6.75	3.98

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.42	1.34	1.22	1.14	1.14	1.15	1.40	2.20	2.49	2.12	1.74	1.52
0.01	0.01	0.01	0.01	0.01	0.02	0.07	0.04	0.01	0.02	0.02	0.02
0.10	0.10	0.10	0.09	0.11	0.13	0.26	0.21	0.10	0.15	0.15	0.14
-0.05	-0.66	-0.87	-1.17	-0.03	0.04	0.29	0.16	-0.87	0.50	0.52	-1.41
0.07	0.07	0.08	0.08	0.10	0.11	0.19	0.09	0.04	0.07	0.08	0.09
7.54	7.08	6.45	6.06	6.06	6.07	7.41	11.6	13.2	11.2	9.23	8.04

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
71.9	116	10.8	0.47	0.15	0.093

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.85	0.00	0.06	0.03	0.03	0.102

07082000 LAKE FORK ABOVE SUGAR LOAF RESERVOIR, COLO.

LOCATION.--Lat 39°16'11", long 106°23'40", in NW¼ sec.13, T.9 S., R.81 W., Lake County, 1,000 ft (300 m) upstream from high-water line of Sugar Loaf Reservoir (Turquoise Lake) at elevation 9,780 ft (2,980.9 m) and 5.7 mi (9.2 km) west of Leadville.

DRAINAGE AREA.--23.9 mi² (61.9 km²).

REMARKS.--No diversion above station. Records include inflow from Colorado River Basin through Busk-Ivanhoe tunnel.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LAKE FORK ABOVE SUGAR LOAF RESERVOIR, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR														NUMBER OF DAYS IN CLASS																					
1947								1	32	31	28	32		58	1	34	6	9	13	7	10	9	5	6	28	5	10	7	15	12	2	4			
1948				31	29	31	30	6	34	8	1	7	35	7	8	18	6	7	8	6	13	7	5	5	10	30	2	4	2	4	11	1			
1949			1	31	32	32	32	9	3	37	33	7	4	7	3	11	8	6	4	2	10	3	21	6	11	3	5	6	10	11	7	7	3		
1950									31	28	70	45	20	42	13	17	12	3	3	1	4	3	36	3	3	3	3	4	10	7	4				
1951				59	31	31		5	64	18	6	5	10	6	5	7	2	5	4	26	2	11	5	1	1	3	9	5	15	10	11	6	2		
1952					60	32	34	9	32	35	5	8	6	6	4	7	3	1	4	9	13	9	6	36	3	1	3	8	8	5	3	5	6	5	
1953							6	64	94	8	32	35		4	2	5	4	4	3	8	2	2			62					30					
1954								16	101	53	43	15	5	9	2	32	2	3	10	11	5	11	2	11	13	8	7	4	2						
1955							90	32	35	15	10	42	3	3	9	5	4	5	10	11	10	15	6	2	19	8	8	13	8	2					
1956							31	46	90	70	2	7	5	12	6	7	5	7	4	3	7	3	13	8	3	2	4	2	7	8	12	2			
1957					63	30	43	36	2	8		30	4	10	5	1	3	3	6	7	6	34	5	1	7	3	5	4	8	9	13	9	2	7	1
1958						1	1	60	92	6	1	24	31	19	7	18	4	6	9	8	5	6	5	1	32	2	3	2	5	8	5	3	1		
1959		6	2	61	63	43	17	8	41	4	2	5	5	11		5		2	1	6	9	18	8	3	3	2	4	10	8	4	7	7			
1960				29	31	62	61		1		2	42	13	14	2	14	3	5	6	8	5	4	13	7	7	5	5	5	4	9	9				
1961								59	62		4	31	21	38	4	12	9	5	12	21	10	24	6	6	6	2	1	3	14	15					
1962								31	62	28	2	12	6	8	36	37	9	10	17	9	3	5	2	10	14	2	12	9	7	15	14	5			
1963							31	31	89		15	9	5	6	4	53	13	16	14	6	10	8	3	1	9	4	13	13	12						
1964									91	31	3	68	12	18	6	22	3	2	7	9	8	15	5	7	10	2	7	25	4	11					
1965									90	31	30	42	9	3		8	20	8	5	6	17	15	4	4	5	5	20	4	10	6	3	11	5	4	
1966												5	71	82	1	40	56	12	17	18	4	8	5	7	16	4	11	8							
1967								9	72	41	39	11	19	38		11	15	1	4	4	14	6	11	14	7	8	4	5	4	16	12				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	7670	100.0	12	8.5	284	3701	48.3	24	88	269	1192	15.5
1	1.00	6	7670	100.0	13	10.0	401	3417	44.6	25	110	102	923	12.0
2	1.20	3	7664	99.9	14	13.0	118	3016	39.3	26	130	136	821	10.7
3	1.50	211	7661	99.9	15	15.0	364	2898	37.8	27	160	141	685	8.9
4	1.80	309	7450	97.1	16	19.0	187	2534	33.0	28	190	153	544	7.0
5	2.20	262	7141	93.1	17	23.0	120	2347	30.6	29	230	182	391	5.0
6	2.60	376	6879	89.7	18	27.0	161	2227	29.0	30	280	113	209	2.7
7	3.20	422	6503	84.8	19	33.0	186	2066	26.9	31	340	60	96	1.2
8	3.90	1118	6081	79.3	20	40.0	167	1880	24.5	32	420	19	36	.4
9	4.70	452	4963	64.7	21	49.0	216	1713	22.3	33	510	16	17	.2
10	5.80	328	4511	58.8	22	60.0	166	1497	19.5	34	620	1	1	
11	7.00	482	4183	54.5	23	72.0	139	1331	17.4					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LAKE FORK ABOVE SUGAR LOAF RESERVOIR, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1947	409.0	7	352.0	10	292.0	13	262.0	13	241.0	12	201.0	7	163.0	7	134.0	7	95.0	6
1948	354.0	11	322.0	11	305.0	11	287.0	10	219.0	15	165.0	14	131.0	12	105.0	12	70.0	13
1949	457.0	6	420.0	5	391.0	5	357.0	4	302.0	4	228.0	6	176.0	6	140.0	6	95.0	7
1950	308.0	14	285.0	14	276.0	14	262.0	14	216.0	16	143.0	17	110.0	17	86.0	18	59.0	19
1951	478.0	4	444.0	4	400.0	4	350.0	5	289.0	6	243.0	3	180.0	5	143.0	5	96.0	5
1952	544.0	3	534.0	3	521.0	3	457.0	3	356.0	3	240.0	4	184.0	4	149.0	4	102.0	4
1953	250.0	16	250.0	16	250.0	16	250.0	15	250.0	10	176.0	11	150.0	8	121.0	8	82.0	9
1954	190.0	20	188.0	20	174.0	21	152.0	21	130.0	21	99.0	21	77.0	21	62.0	21	43.0	21
1955	235.0	18	227.0	18	216.0	18	196.0	19	168.0	19	139.0	19	109.0	18	89.0	17	62.0	17
1956	394.0	9	358.0	9	326.0	9	304.0	8	268.0	8	178.0	10	131.0	13	101.0	14	68.0	15
1957	626.0	1	619.0	1	576.0	1	492.0	1	388.0	1	308.0	1	228.0	1	182.0	1	124.0	1
1958	459.0	5	405.0	6	361.0	6	301.0	9	242.0	11	171.0	12	129.0	14	102.0	13	70.0	14
1959	376.0	10	364.0	8	348.0	7	333.0	6	270.0	7	188.0	9	140.0	10	108.0	10	72.0	11
1960	332.0	12	303.0	13	293.0	12	274.0	12	237.0	13	164.0	15	123.0	15	96.0	15	66.0	16
1961	270.0	15	268.0	15	254.0	15	238.0	16	231.0	14	154.0	16	116.0	16	92.0	16	70.0	12
1962	398.0	8	383.0	7	339.0	8	320.0	7	295.0	5	237.0	5	191.0	3	151.0	3	104.0	3
1963	218.0	19	217.0	19	212.0	19	200.0	18	182.0	18	141.0	18	105.0	19	85.0	19	61.0	18
1964	240.0	17	240.0	17	240.0	17	223.0	17	199.0	17	167.0	13	131.0	11	105.0	11	73.0	10
1965	604.0	2	575.0	2	535.0	2	460.0	2	383.0	2	272.0	2	209.0	2	168.0	2	115.0	2
1966	188.0	21	186.0	21	177.0	20	163.0	20	135.0	20	106.0	20	82.0	20	67.0	20	49.0	20
1967	332.0	13	322.0	12	315.0	10	285.0	11	263.0	9	195.0	8	149.0	9	121.0	9	86.0	8

07082000 LAKE FORK ABOVE SUGAR LOAF RESERVOIR, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LAKE FORK ABOVE SUGAR LOAF RESERVOIR, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1948	1.50	5	1.50	2	1.50	2	1.50	1	1.50	1	1.70	3	2.00	4	2.50	7	6.30	16
1949	1.50	6	1.50	3	1.50	3	1.50	2	1.50	2	1.80	4	2.00	5	2.30	4	3.40	6
1950	1.40	2	2.00	6	4.50	19	4.50	19	4.50	19	4.80	19	5.20	19	5.40	19	8.00	18
1951	1.50	3	1.50	4	1.50	4	1.50	3	1.50	3	1.50	1	1.70	1	1.90	2	2.80	3
1952	2.00	7	2.00	7	2.00	6	2.00	6	2.00	6	2.00	6	2.20	6	2.40	5	3.10	5
1953	3.20	13	3.20	13	3.20	12	3.20	12	3.20	11	3.50	11	3.70	11	3.90	13	4.50	10
1954	2.90	9	2.90	9	2.90	8	3.10	11	3.70	15	4.30	18	4.40	18	4.60	18	4.90	11
1955	3.00	10	3.00	10	3.00	9	3.00	9	3.00	9	3.00	8	3.00	8	3.10	8	4.40	9
1956	3.00	11	3.00	11	3.00	10	3.00	10	3.00	10	3.20	9	3.50	9	3.70	9	4.00	7
1957	2.00	8	2.00	8	2.00	7	2.00	7	2.00	7	2.20	7	2.20	7	2.40	6	2.80	4
1958	3.50	14	3.50	14	3.50	13	3.50	13	3.50	12	3.50	12	3.70	12	3.80	11	5.60	14
1959	1.50	4	1.50	5	1.50	5	1.50	4	1.50	4	1.50	2	1.70	2	1.80	1	2.30	1
1960	1.00	1	1.00	1	1.00	1	1.50	5	1.50	5	1.80	5	2.00	3	2.10	3	2.40	2
1961	3.50	15	3.50	15	3.50	14	3.50	14	3.50	13	3.50	13	3.70	13	3.90	12	5.40	12
1962	3.50	16	3.50	16	3.50	15	3.50	15	3.50	14	4.00	14	4.10	15	4.20	14	9.80	19
1963	3.00	12	3.00	12	3.00	11	3.00	8	3.00	8	3.20	10	3.50	10	3.70	10	4.40	8
1964	4.00	18	4.00	18	4.00	17	4.00	17	4.00	16	4.00	15	4.00	14	4.20	15	6.30	17
1965	4.00	19	4.00	19	4.00	18	4.00	18	4.00	17	4.20	16	4.30	16	4.50	16	6.00	15
1966	7.50	20	7.50	20	7.50	20	7.50	20	7.50	20	9.30	20	9.50	20	10.00	20	13.00	20
1967	3.50	17	3.50	17	3.50	16	3.80	16	4.20	18	4.30	17	4.40	17	4.60	17	5.40	13

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
9.77	6.46	4.30	3.73	3.69	3.90	8.96	103	228	91.5	29.3	13.9
41.5	10.9	4.09	3.36	3.56	5.75	24.0	882	5702	3890	195	99.0
6.45	3.31	2.02	1.83	1.89	2.40	4.89	29.7	75.5	62.4	13.9	9.95
1.37	1.18	2.87	2.04	1.39	1.75	0.96	0.36	-0.31	1.65	0.56	1.71
0.66	0.51	0.47	0.49	0.51	0.61	0.55	0.29	0.33	0.68	0.48	0.72
1.93	1.28	0.85	0.74	0.73	0.77	1.77	20.3	45.0	18.1	5.78	2.74

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.91	0.76	0.60	0.53	0.52	0.53	0.89	2.00	2.33	1.88	1.42	1.05
0.07	0.04	0.03	0.04	0.05	0.06	0.05	0.02	0.03	0.07	0.05	0.09
0.27	0.21	0.16	0.19	0.22	0.24	0.23	0.13	0.17	0.27	0.23	0.30
0.26	0.29	0.87	0.32	-0.03	0.32	0.15	-0.45	-1.14	0.38	-0.54	-0.19
0.29	0.27	0.27	0.35	0.42	0.45	0.26	0.07	0.07	0.14	0.16	0.29
6.78	5.68	4.49	3.96	3.85	3.92	6.67	14.9	17.4	14.0	10.6	7.80

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
42.3	111	10.5	0.50	0.25	-0.234

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.61	0.01	0.11	-0.01	0.07	-0.192

07083000 HALFMOON CREEK NEAR MALTA, COLO.
(Hydrologic bench-mark station)

LOCATION.--Lat 39°10'20", long 106°23'19", in SE¼SE¼ sec.13, T.10 S., R.81 W., Lake County, on right bank 1.4 mi (2.3 km) upstream from culvert, 3.3 mi (5.3 km) upstream from mouth, and 4.3 mi (6.9 km) southwest of Malta.

DRAINAGE AREA.--23.6 mi^2 (61.1 km^2).

REMARKS.--No regulation or diversion above station.

07083000 HALFMOON CREEK NEAR MALTA, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HALFMOON CREEK NEAR MALTA, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1947									4	41	35	10	23	21	42	19	10	16	9	12	8	13	9	9	9	6	10	13	10	7	26	2	1		
1948		40	6	30	16		16		32	18	10	4	11	15	8	20	23	12	10	7	5	8	10	9	9	8	15	5	5	13	1				
1949			31	6	28	32	2	40	5	13	21	20	1	6	5	10	14	30	11	10	5	4	9	6	7	12	4	3	2	17	6	5			
1950								2	41	63	37	3	16	30	30	37	10	16	5	10	5	9	7	7	6	9	10	3	8	1					
1951					31	29	3	39	33	3	17	31	20	9	11	10	7	5	5	15	8	6	2	5	10	11	14	17	3	18	3				
1952									31	35	34	35	3	40	20	7	15	12	8	6	11	14	17	12	11	12	11	15	1	3	6	7			
1953			31	28		31		46	3	2	21	9	29	20	19	20	7	7	3	5	4	2	6	9	3	13	25	10	5	4	3				
1954									60	32	40	52	15	4	18	26	13	11	7	5	10	17	14	15	8	14	4								
1955									59	77	32	11	6	4	19	18	8	11	11	27	24	13	10	4	7	7	9	8							
1956							30	36	30	55	42	12	27	8	6	11	11	8	10	9	9	10	4	2	2	8	10	11	9	2	4				
1957						24	32	44	37	25	13	24	14		1	9	11	11	13	6	9	7	5	4	3	7	5	10	7	11	9	10	6	6	2
1958										113	37	2	24	9	35	18	10	15	16	10	7	6	10	4	3	2	11	13	5	6	6	1	2		
1959							59	32	3	42	39	5	26	8	21	12	4	7	8	10	11	16	8	7	7	6	8	4	2	7	12	1			
1960											29	62	55	6	27	65	15	12	4	6	3	8	14	10	5	7	7	9	11	4	5	2			
1961							59		62		8	72	8	2	1	1	1	9	5	23	22	26	13	7	14	5	13	12	2						
1962										111	10	1	2	14	18	6	31	24	11	29	9	6	17	14	7	16	6	6	7	11	9				
1963							37	6	71	45	8	11	14	11	18	4	14	12	22	7	7	10	20	13	19	13	3								
1964								91	31	53	15	12	16	7	10	9	8	7	2	4	10	10	15	20	19	9	16	2							
1965							2	9	66	56	28	17	26	4	3		1	7	15	8	16	11	10	13	11	9	6	4	5	11	15	12			
1966											56	76	23	19	13	17	29	20	8	8	4	11	12	18	13	20	17		1						
1967						2	49	40	21	37	11	39	19	2		2	15	17	22	12	4	12	13	7	8	5	16	9	3						
1968					1	23	39	48	31	14	13	16	10	7	12	16	7	6	11	13	12	7	12	12	19	9	6	4	7	9	2				
1969								28	50	25	21	37	12	10	8	12	8	20	20	16	14	11	9	15	17	12	12	4	4						
1970						37	23	34	11	9	21	27	14	12	9	4	7	13	5	16	22	19	11	3	6	9	11	12	12	5	5	2	6		
1971						16	48	22	12	11	7	29	12	23	8	8	18	25	11	25	20	6	5	5	12	11	9	6	2	3	5	5	1		
1972						12	23	27	17	17	31	39	18	15	12	13	22	27	11	8	8	6	3	10	6	5	6	9	4	8	8	1			
1973					1	29	34	57	17	8	4	8	19	9	15	24	19	8	6	10	6	14	14	9	6	7	8	4	9	4	8	5	3		
1974							6	42	64	38	10	22	20	23	14	12	5	6	8	11	5	8	11	11	7	12	4	11	10	5					
1975							28	55	69	11	15	16	27	1	6	9	9	10	6	3	8	9	11	12	5	9	8	6	9	3	16	4			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	10592	100.0	12	7.7	477	5673	53.6	24	63	269	1536	14.5
1	1.00	40	10592	100.0	13	9.1	341	5196	49.1	25	76	265	1267	11.9
2	1.30	68	10552	99.6	14	11.0	419	4855	45.8	26	90	285	1002	9.4
3	1.60	65	10484	99.0	15	13.0	407	4436	41.9	27	110	217	717	6.7
4	1.90	105	10419	98.4	16	15.0	343	4029	38.0	28	130	127	500	4.7
5	2.20	274	10314	97.4	17	18.0	380	3686	34.8	29	150	164	373	3.5
6	2.70	576	10040	94.8	18	22.0	287	3306	31.2	30	180	134	209	1.9
7	3.20	694	9464	89.4	19	26.0	326	3019	28.5	31	220	51	75	.7
8	3.80	767	8770	82.8	20	31.0	298	2693	25.4	32	260	16	24	.2
9	4.50	926	8003	75.6	21	37.0	304	2395	22.6	33	310	6	8	
10	5.40	682	7077	66.8	22	45.0	297	2091	19.7	34	370	2	2	
11	6.40	722	6395	60.4	23	53.0	258	1794	16.9					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HALFMOON CREEK NEAR MALTA, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1947	275.0	3	226.0	9	219.0	7	208.0	5	197.0	3	167.0	2	138.0	2	114.0	2	82.0	2
1948	195.0	17	183.0	17	173.0	18	165.0	15	141.0	16	110.0	16	88.0	16	71.0	17	49.0	18
1949	251.0	8	236.0	8	229.0	6	203.0	7	185.0	4	132.0	5	101.0	8	81.0	8	57.0	8
1950	151.0	20	147.0	20	144.0	20	130.0	20	108.0	20	80.0	23	62.0	26	50.0	26	36.0	26
1951	182.0	19	179.0	19	173.0	19	169.0	14	156.0	11	128.0	6	106.0	5	87.0	6	60.0	7
1952	255.0	7	240.0	6	233.0	5	212.0	4	164.0	6	126.0	7	102.0	6	88.0	5	63.0	5
1953	207.0	14	185.0	16	178.0	16	153.0	18	130.0	19	110.0	17	91.0	10	72.0	13	50.0	15
1954	91.0	29	90.0	29	88.0	28	80.0	28	68.0	29	63.0	29	54.0	29	45.0	29	33.0	29
1955	124.0	26	119.0	25	110.0	25	102.0	25	93.0	25	67.0	27	57.0	27	49.0	27	36.0	27
1956	196.0	15	192.0	14	180.0	14	157.0	17	136.0	17	101.0	18	77.0	19	62.0	19	43.0	21
1957	378.0	1	369.0	1	351.0	1	314.0	1	267.0	1	207.0	1	162.0	1	128.0	1	88.0	1
1958	262.0	5	255.0	3	216.0	9	191.0	9	161.0	9	120.0	9	91.0	11	74.0	10	51.0	11
1959	229.0	11	215.0	11	204.0	10	192.0	8	163.0	8	115.0	11	90.0	12	73.0	11	51.0	12
1960	236.0	10	223.0	10	196.0	12	163.0	16	150.0	14	113.0	14	90.0	13	71.0	14	51.0	13
1961	138.0	23	131.0	24	121.0	24	114.0	23	105.0	21	80.0	24	65.0	25	59.0	21	45.0	19
1962	213.0	13	202.0	13	193.0	13	184.0	10	164.0	7	123.0	8	102.0	7	85.0	7	60.0	6
1963	94.0	28	93.0	28	85.0	29	79.0	29	73.0	28	66.0	28	54.0	28	48.0	28	35.0	28
1964	115.0	27	112.0	26	107.0	26	92.0	26	90.0	26	76.0	26	66.0	24	57.0	23	40.0	24
1965	258.0	6	253.0	4	244.0	3	227.0	2	210.0	2	166.0	3	130.0	3	108.0	3	76.0	3
1966	140.0	21	108.0	27	95.0	27	92.0	27	89.0	27	79.0	25	68.0	21	58.0	22	42.0	22
1967	137.0	24	132.0	22	123.0	23	115.0	21	101.0	22	84.0	21	67.0	22	56.0	24	41.0	23
1968	195.0	16	189.0	15	176.0	17	151.0	19	135.0	18	99.0	19	85.0	18	71.0	15	50.0	14
1969	140.0	22	134.0	21	124.0	22	113.0	24	95.0	24	83.0	22	70.0	20	60.0	20	44.0	20
1970	282.0	2	282.0	2	272.0	2	226.0	3	172.0	5	146.0	4	115.0	4	95.0	4	67.0	4
1971	263.0	4	245.0	5	237.0	4	205.0	6	156.0	10	114.0	12	88.0	14	73.0	12	52.0	9
1972	227.0	12	212.0	12	199.0	11	182.0	11	155.0	12	113.0	13	86.0	17	69.0	18	49.0	16
1973	244.0	9	238.0	7	217.0	8	180.0	12	149.0	15	110.0	15	88.0	15	71.0	16	49.0	17
1974	131.0	25	131.0	23	126.0	21	115.0	22	101.0	23	84.0	20	67.0	23	55.0	25	38.0	25
1975	185.0	18	182.0	18	179.0	15	172.0	13	153.0	13	117.0	10	92.0	9	75.0	9	51.0	10

07083000 HALFMOON CREEK NEAR MALTA, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HALFMOON CREEK NEAR MALTA, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1948	1.20	2	1.20	2	1.20	1	1.20	1	1.20	1	1.40	1	1.80	1	2.30	2	5.50	17
1949	1.10	1	1.10	1	1.20	2	1.20	2	1.50	3	1.80	3	2.00	3	2.40	3	3.70	1
1950	1.70	4	1.70	4	1.80	4	2.60	11	4.30	24	4.40	24	4.60	23	4.80	23	7.20	24
1951	2.10	8	2.10	7	2.10	7	2.10	5	2.10	4	2.30	4	2.70	5	3.10	6	4.50	6
1952	2.60	16	2.80	17	3.10	22	3.50	23	4.00	22	4.20	23	4.60	24	5.20	25	6.90	23
1953	1.40	3	1.40	3	1.40	3	1.40	3	1.40	2	1.60	2	1.80	2	2.20	1	4.50	7
1954	3.20	24	3.20	24	3.20	23	3.40	21	4.00	23	4.00	20	4.20	20	4.50	19	5.40	15
1955	3.90	27	3.90	27	3.90	26	3.90	26	3.90	20	4.10	21	4.30	21	4.40	18	6.00	19
1956	2.80	18	2.90	18	3.00	17	3.00	16	3.10	16	3.40	15	3.70	16	4.00	15	4.70	8
1957	2.20	9	2.50	14	2.60	13	2.70	13	2.80	11	3.30	14	3.40	13	3.50	10	4.30	3
1958	2.40	14	2.40	13	2.40	8	2.60	12	4.50	25	4.50	25	4.70	25	4.90	24	6.70	21
1959	3.00	19	3.00	19	3.00	18	3.00	17	3.00	13	3.00	9	3.10	8	3.60	13	4.90	12
1960	3.40	25	3.70	26	4.30	27	4.70	27	5.60	27	6.50	28	6.70	28	7.00	28	9.00	26
1961	3.00	20	3.00	20	3.00	19	3.00	18	3.00	14	3.00	10	3.30	11	3.50	11	4.80	10
1962	5.00	28	5.00	28	5.00	28	5.00	28	5.00	26	5.00	26	5.00	26	5.40	26	11.00	28
1963	3.00	21	3.00	21	3.00	20	3.00	19	3.00	15	3.50	16	3.80	17	3.90	14	4.90	11
1964	3.00	22	3.00	22	3.10	21	3.50	22	3.50	18	3.50	17	3.50	14	3.60	12	4.70	9
1965	3.00	23	3.10	23	3.50	24	3.80	24	4.00	21	4.20	22	4.40	22	4.60	20	5.40	16
1966	3.40	26	3.40	25	3.60	25	3.80	25	6.00	28	6.30	27	6.20	27	6.80	27	9.40	27
1967	2.60	17	2.60	15	2.70	14	2.80	14	2.80	12	3.00	11	3.20	9	3.40	9	4.40	4
1968	2.00	7	2.30	8	2.50	12	2.50	8	2.60	7	2.70	6	3.00	6	3.30	7	5.00	13
1969	2.40	15	2.60	16	2.70	15	3.00	20	3.50	19	3.80	19	4.10	19	4.60	21	6.30	20
1970	2.30	12	2.40	9	2.40	9	2.50	9	2.60	8	3.00	12	3.50	15	4.20	16	6.80	22
1971	2.40	13	2.40	10	2.50	10	2.50	10	2.70	9	2.80	7	3.30	12	4.30	17	7.40	25
1972	2.20	10	2.40	11	2.70	16	2.80	15	3.30	17	3.50	18	3.90	18	4.70	22	5.80	18
1973	1.90	6	2.00	6	2.00	6	2.10	4	2.10	5	2.40	5	2.50	4	2.80	4	5.40	14
1974	1.80	5	1.90	5	1.90	5	2.20	6	2.70	10	3.00	13	3.20	10	3.40	8	4.40	5
1975	2.30	11	2.40	12	2.50	11	2.50	7	2.60	6	2.80	8	3.00	7	3.00	5	4.00	2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
11.0	7.47	5.11	4.06	3.71	3.72	6.56	44.9	123	82.6	34.0	17.2
17.4	7.29	2.04	1.35	1.65	3.49	8.03	236	1006	2347	210	58.7
4.17	2.70	1.43	1.16	1.28	1.87	2.83	15.4	31.7	48.4	14.5	7.66
1.38	1.72	0.77	0.49	0.73	2.10	0.92	0.39	-0.28	1.70	1.07	1.86
0.38	0.36	0.28	0.29	0.35	0.50	0.43	0.34	0.26	0.59	0.43	0.45
3.20	2.18	1.49	1.18	1.08	1.09	1.91	13.1	35.8	24.1	9.91	5.01

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.01	0.85	0.69	0.59	0.54	0.53	0.78	1.63	2.07	1.86	1.50	1.20
0.02	0.02	0.01	0.02	0.02	0.04	0.03	0.02	0.01	0.05	0.03	0.03
0.15	0.14	0.12	0.13	0.15	0.20	0.19	0.15	0.12	0.22	0.18	0.17
0.50	0.84	0.39	-0.08	-0.20	-0.07	-0.01	-0.13	-0.59	0.56	0.13	0.67
0.15	0.16	0.17	0.21	0.28	0.38	0.24	0.09	0.06	0.12	0.12	0.14
7.65	6.42	5.23	4.46	4.11	3.97	5.88	12.3	15.6	14.0	11.3	9.07

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
28.7	48.9	6.99	1.08	0.24	-0.101

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.45	0.01	0.10	0.57	0.07	-0.059

07083500 HALFMOON CREEK NEAR LEADVILLE, COLO.

LOCATION.--Lat 39°12'09", long 106°22'09", in SE¼ sec.6, T.10 S., R.80 W., Lake County, 1.1 mi (1.8 km) upstream from mouth and 5.3 mi (8.5 km) southwest of Leadville.

DRAINAGE AREA.--25.2 mi^2 (65.3 km^2).

REMARKS.--Court decrees for diversion of 12 ft^3/s (0.33 m^3/s) above station.

07083500 HALFMOON CREEK NEAR LEADVILLE, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HALFMOON CREEK NEAR LEADVILLE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1912			61	1	39	32	31		1	3	10	3	5	42	8	5	3	1	16	1	1	2	21	1	9	8	2	4	4	6	7	21	15		3
1913		121	32	6	1	1	1	6	4	41			2	21		26		8		10		4	43		4	8	14	4	4		4				
1914		129	48		2	11	26			11			14	15	8		5		3	1	1		11	3	1	4	4	11	15	9	17	7	8		1

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1096	100.0	12	12.0	21	475	43.3	24	56	14	194	17.7
1	3.00	250	1096	100.0	13	14.0	78	454	41.4	25	64	20	180	16.4
2	3.40	0	846	77.2	14	16.0	16	376	34.3	26	73	20	160	14.5
3	3.90	141	846	77.2	15	18.0	31	360	32.8	27	83	19	140	12.7
4	4.40	7	705	64.3	16	20.0	8	329	30.0	28	94	23	121	11.0
5	5.00	42	698	63.7	17	23.0	9	321	29.3	29	110	15	98	8.9
6	5.70	44	656	59.9	18	26.0	19	312	28.5	30	120	28	83	7.5
7	6.40	58	612	55.8	19	30.0	12	293	26.7	31	140	28	55	5.0
8	7.30	7	554	50.5	20	34.0	2	281	25.6	32	160	23	27	2.4
9	8.30	7	547	49.9	21	38.0	6	279	25.5	33	180		4	.3
10	9.50	62	540	49.3	22	44.0	75	273	24.9	34	200	4	4	.3
11	11.00	3	478	43.6	23	50.0	4	198	18.1					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HALFMOON CREEK NEAR LEADVILLE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1912	205.0	1	205.0	1	175.0	1	163.0	1	156.0	1	143.0	1	114.0	1	93.0	1	64.0	1
1913	138.0	3	138.0	3	122.0	3	100.0	3	89.0	3	70.0	3	61.0	3	51.0	3	38.0	3
1914	202.0	2	179.0	2	167.0	2	160.0	2	146.0	2	122.0	2	106.0	2	84.0	2	58.0	2

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HALFMOON CREEK NEAR LEADVILLE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1912	4.00	3	4.00	3	4.00	3	4.00	3	4.00	3	4.50	3	5.00	3	5.50	3	9.00	3
1913	3.00	1	3.00	1	3.00	1	3.00	1	3.00	1	3.00	1	3.00	1	3.00	1	4.50	2
1914	3.00	2	3.00	2	3.00	2	3.00	2	3.00	2	3.00	2	3.00	2	3.00	2	3.80	1

07084500 LAKE CREEK ABOVE TWIN LAKES RESERVOIR, COLO.

LOCATION.--Lat 39°03'47", long 106°24'26", Lake County, on left bank 1.2 mi (1.9 km) upstream from water line of Twin Lakes Reservoir at elevation 9,200 ft (2,804.2 m) and 1.9 mi (3.1 km) southwest of village of Twin Lakes.

DRAINAGE AREA.--75 mi² (194 km²).

REMARKS.--No diversion above station. Records include inflow from Roaring Fork River in Colorado River Basin through Twin Lakes tunnel.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LAKE CREEK ABOVE TWIN LAKES RESERVOIR, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1947							62		58	2	44	36	11			1	6	12	17	7	6	3	4	10	14	14	6	16	10	9	10	5		2	
1948		31	29			51		31				10	43	13	18	23	19	7	5	8	2	5	5	6	8	11	10	8	3	9	8	3			
1949					31	28	31	31		30	9	44	6	2		30	1	3	37	3	8	3		3	4	2	3	35	1		20				
1950							31	59	31	2	8	42	55	42	2	5	5	1	1	24	3	5	2	8	4	5	7	9	13	1					
1951			31	28		31	31	31	27	9	17	15	12	8	6	4	6	8	6	8	5	5	8	3	11	8	8	7	11	13	5	3			
1952						31	29	31	80		10	12	11	2	5	11	10	10	7	9	6	8	14	9	13	8	6	11	11	6	5	3	6	2	
1953								28	92	32	37	31	7	12	4	5	5	2	2	35	5	9	5	1	3	19	1		30						
1954							34	30	44	88	9	17	12	9	11	8	2	8	6	3	3	12	13	10	18	10	9	6	3						
1955								104	32	4	7	10	44	12	8	12	13	5	12	17	10	14	16	10	8	8	6	4	9						
1956						31	39	39	91	24	11	7	13	12	4	3	8	5	5	3	6	5	6	10	7	4	2	4	5	4	13	1	4		
1957							59	87	31	34	1		4	6	5	9	11	6	6	13	6	10	1	5	3	8	10	7	12	4	9	5	12	1	
1958										31	59	73	56	25	15	11	4	5	2	13	3	9	11	2	4	7	7	13	8	3	3	1			
1960									60	48	31	29	38	19	13	11	15	7	5	4	5	6	11	4	5	10	9	4	6	5	9	6	6		
1961							110	37	29	13	18	5	1	2	1	1	1	17	23	20	4	8	14	14	8	3	6	5	7	11	7				
1962												59	31		51	7	45	9	8	11	20	23	10	6	18	11	11	3	11	9	14	8			
1964							62	29	61		20	30	22	18	6	8	3	3		7	5	12	9	12	10	10	8	12	8	10	1				
1965									121	27	13	17	4	30				4	23	19	7	9	13	6	7	6	7	12	7	8	4	3	10	8	

07084500 LAKE CREEK ABOVE TWIN LAKES RESERVOIR, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LAKE CREEK ABOVE TWIN LAKES RESERVOIR, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1966							16	27			35	62	22	30	26	15	14	6	9	11	4	5	12	10	5	9	11	22	10	4					
1967								1	67	87	36	10	2	8	10	24	10	6	12	7	11	4	2	4	5	14	5	6	5	5	14	8	2		
1968							60	28	34	32	29	5	15	9	11	16	14	10	6	5	3	12	9	15	8	12	2	1	3	5	7	9	6		
1969			4	14	16	30	21	26	21	17	19	9	17	12	11	15	14	11	13	4	8	9	5	4	5	15	7	7	6	12	7	6			
1970					2	29	40	12	30	27	16	17	18	15	7	2	10	13	12	22	6	6	5	8	4	6	3	5	5	3	12	8	12	9	1
1971					3	21	58	15	5	4	24	23	15	17	7	22	11	25	22	15	4	8	5	3	5	5	5	11	9	4	4	2	10	3	
1972				2	19	54	37	18	22	22	22		6	33	11	15	14	10	11	2	2	5	3	6	5	7	3	5	6	3	6	2	3	12	
1973					5	31	78	10	22	6	6	22	12	23	5	15	14	10	12	3	3	7	11	11	5	6	7	13	5	5	3	4	5	6	
1974					1	5102	20	39	46	15	7	4	3	7	12	8	7	7	6	5	8	4	3	8	10	9	6	8	9	1	5				
1975				16	41	50	36	33	39		9	13	8	5	6	1	5	6	4	3	10	7	7	8	6	4	6	8	2	9	5	13	5		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	9862	100.0	12	37.0	489	4803	48.7	24	330	201	1599	16.2
1	5.00	31	9862	100.0	13	45.0	367	4314	43.7	25	400	232	1398	14.1
2	6.00	64	9831	99.7	14	54.0	250	3947	40.0	26	480	174	1166	11.8
3	7.20	60	9767	99.0	15	64.0	286	3697	37.5	27	570	240	992	10.0
4	8.60	118	9707	98.4	16	77.0	268	3411	34.6	28	690	214	752	7.6
5	10.00	392	9589	97.2	17	93.0	216	3143	31.9	29	830	151	538	5.4
6	12.00	936	9197	93.3	18	110.0	273	2927	29.7	30	990	167	387	3.9
7	15.00	727	8261	83.8	19	130.0	282	2654	26.9	31	1200	95	220	2.2
8	18.00	1036	7534	76.4	20	160.0	160	2372	24.1	32	1400	81	125	1.2
9	22.00	585	6498	65.9	21	190.0	217	2212	22.4	33	1700	43	44	.4
10	26.00	505	5913	60.0	22	230.0	205	1995	20.2	34	2100	1	1	
11	31.00	605	5408	54.8	23	280.0	191	1790	18.2					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LAKE CREEK ABOVE TWIN LAKES RESERVOIR, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1947	1870.0	4	1670.0	8	1280.0	13	1030.0	16	994.0	14	838.0	7	692.0	4	569.0	5	397.0	5
1948	1340.0	16	1280.0	16	1080.0	19	1020.0	17	855.0	18	673.0	18	517.0	17	409.0	17	280.0	18
1949	1120.0	20	1120.0	20	1120.0	18	1120.0	15	950.0	15	745.0	15	580.0	15	464.0	15	323.0	15
1950	838.0	24	816.0	24	803.0	23	761.0	23	666.0	24	478.0	25	357.0	25	279.0	27	196.0	27
1951	1270.0	18	1230.0	18	1140.0	17	1020.0	18	888.0	17	724.0	16	567.0	16	450.0	16	306.0	16
1952	1840.0	6	1730.0	6	1600.0	6	1420.0	5	1120.0	10	813.0	11	663.0	6	545.0	6	379.0	6
1953	785.0	26	785.0	25	785.0	25	785.0	22	785.0	21	587.0	23	452.0	22	369.0	23	253.0	23
1954	782.0	27	764.0	27	693.0	27	585.0	27	475.0	27	431.0	26	355.0	26	287.0	26	200.0	26
1955	828.0	25	782.0	26	725.0	26	663.0	26	560.0	26	421.0	27	343.0	27	290.0	25	204.0	25
1956	1460.0	12	1450.0	12	1350.0	10	1200.0	11	1010.0	13	682.0	17	500.0	18	388.0	20	263.0	21
1957	1750.0	8	1680.0	7	1550.0	7	1280.0	7	1130.0	9	982.0	3	754.0	3	595.0	3	409.0	3
1958	1360.0	15	1220.0	19	1060.0	20	828.0	21	719.0	23	553.0	24	421.0	24	332.0	24	232.0	24
1960	1470.0	11	1460.0	11	1350.0	11	1210.0	10	1140.0	8	806.0	12	620.0	12	488.0	12	334.0	12
1961	1050.0	21	1020.0	21	1010.0	21	871.0	19	851.0	19	592.0	22	443.0	23	374.0	22	281.0	17
1962	1270.0	19	1260.0	17	1220.0	15	1190.0	12	1090.0	11	820.0	10	690.0	5	569.0	4	404.0	4
1964	1020.0	22	987.0	22	959.0	22	756.0	24	736.0	22	602.0	20	488.0	19	395.0	19	270.0	20
1965	2050.0	2	2020.0	2	1940.0	1	1730.0	2	1440.0	1	1040.0	2	803.0	2	647.0	2	454.0	2
1966	911.0	23	876.0	23	793.0	24	720.0	25	661.0	25	600.0	21	488.0	20	396.0	18	274.0	19
1967	1420.0	13	1380.0	13	1280.0	14	1180.0	13	1050.0	12	837.0	8	631.0	11	499.0	11	346.0	10
1968	1670.0	9	1620.0	9	1460.0	8	1220.0	9	1160.0	6	766.0	13	605.0	13	481.0	13	328.0	13
1969	1380.0	14	1360.0	14	1290.0	12	1130.0	14	924.0	16	753.0	14	583.0	14	467.0	14	325.0	14
1970	2160.0	1	2030.0	1	1920.0	2	1670.0	3	1380.0	3	1220.0	1	894.0	1	703.0	1	489.0	1
1971	1800.0	7	1750.0	5	1700.0	4	1600.0	4	1250.0	4	885.0	5	652.0	10	518.0	8	359.0	7
1972	2030.0	3	1940.0	3	1890.0	3	1800.0	1	1390.0	2	921.0	4	660.0	7	510.0	10	350.0	9
1973	1860.0	5	1820.0	4	1630.0	5	1270.0	8	1200.0	5	832.0	9	656.0	9	519.0	7	352.0	8
1974	1330.0	17	1320.0	15	1150.0	16	859.0	20	827.0	20	636.0	19	481.0	21	379.0	21	256.0	22
1975	1520.0	10	1490.0	10	1430.0	9	1350.0	6	1140.0	7	874.0	6	657.0	8	515.0	9	345.0	11

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LAKE CREEK ABOVE TWIN LAKES RESERVOIR, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1947	12.00	13	12.00	13	12.00	13	12.00	13	12.00	12	12.00	11	14.00	13	16.00	13	21.00	12
1948	5.00	1	5.00	1	5.00	1	5.00	1	5.00	1	6.00	1	7.30	1	9.70	1	24.00	16
1949	9.00	6	9.00	6	9.00	5	9.00	5	9.00	4	10.00	4	11.00	4	12.00	4	18.00	7
1950	14.00	20	14.00	19	14.00	19	14.00	19	14.00	18	15.00	17	15.00	16	16.00	14	24.00	17
1951	7.00	3	7.00	3	7.00	2	7.00	2	7.00	2	7.50	2	8.70	2	10.00	2	15.00	2
1952	11.00	11	11.00	11	11.00	10	11.00	10	11.00	9	11.00	6	13.00	8	15.00	11	19.00	8
1953	16.00	23	16.00	23	16.00	23	16.00	22	16.00	22	17.00	20	17.00	20	19.00	20	23.00	14
1954	12.00	14	12.00	14	12.00	14	12.00	14	12.00	13	14.00	14	16.00	17	17.00	15	19.00	9
1955	13.00	15	14.00	20	15.00	21	15.00	21	15.00	19	16.00	18	16.00	18	17.00	16	27.00	21
1956	11.00	12	11.00	12	11.00	11	11.00	11	11.00	10	11.00	7	13.00	9	14.00	8	16.00	3
1957	13.00	16	13.00	15	13.00	15	13.00	15	13.00	15	14.00	15	14.00	14	15.00	12	16.00	4
1958	24.00	25	24.00	25	24.00	25	24.00	25	24.00	25	25.00	24	26.00	24	28.00	23	32.00	22
1961	13.00	17	13.00	16	13.00	16	13.00	16	13.00	16	13.00	12	13.00	10	14.00	9	17.00	5
1962	14.00	21	14.00	21	14.00	20	14.00	20	15.00	20	35.00	25	37.00	25	43.00	25	76.00	25
1965	18.00	24	18.00	24	18.00	24	18.00	23	18.00	23	19.00	21	19.00	21	19.00	21	22.00	13

07084500 LAKE CREEK ABOVE TWIN LAKES RESERVOIR, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LAKE CREEK ABOVE TWIN LAKES RESERVOIR, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1966	13.00	18	13.00	17	13.00	17	13.00	17	15.00	21	21.00	22	25.00	23	28.00	24	41.00	24
1967	16.00	22	16.00	22	16.00	22	19.00	24	20.00	24	21.00	23	21.00	22	22.00	22	24.00	15
1968	13.00	19	13.00	18	13.00	18	13.00	18	13.00	17	14.00	16	15.00	15	17.00	17	26.00	18
1969	6.50	2	6.50	2	7.20	3	8.60	3	9.70	5	11.00	8	11.00	5	13.00	6	20.00	11
1970	9.00	7	10.00	10	11.00	12	11.00	12	12.00	14	16.00	19	16.00	19	18.00	19	26.00	19
1971	9.50	9	9.70	8	9.90	8	10.00	8	11.00	11	12.00	9	13.00	11	17.00	18	32.00	23
1972	7.50	4	8.80	5	9.50	7	9.80	6	9.90	6	10.00	5	11.00	6	12.00	5	18.00	6
1973	10.00	10	10.00	9	10.00	9	11.00	9	11.00	7	12.00	10	13.00	12	15.00	10	27.00	20
1974	9.00	8	9.20	7	9.40	6	10.00	7	11.00	8	13.00	13	12.00	7	14.00	7	19.00	10
1975	8.00	5	8.30	4	8.40	4	8.60	4	8.70	3	9.30	3	9.90	3	11.00	3	14.00	1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
47.8	29.9	21.6	17.0	15.4	15.3	32.0	342	884	446	137	72.6
1075	212	92.4	38.8	34.8	55.0	363	22020	58640	51590	4175	2586
32.8	14.6	9.61	6.23	5.90	7.41	19.1	148	242	227	64.6	50.9
3.05	2.90	2.71	1.60	1.58	1.76	2.12	0.43	0.12	0.70	0.68	2.33
0.69	0.49	0.45	0.37	0.38	0.48	0.60	0.43	0.27	0.51	0.47	0.70
2.32	1.45	1.05	0.83	0.75	0.74	1.55	16.6	42.9	21.6	6.67	3.52

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.62	1.44	1.31	1.21	1.16	1.14	1.44	2.49	2.93	2.59	2.09	1.79
0.05	0.03	0.02	0.02	0.02	0.04	0.05	0.04	0.02	0.05	0.05	0.06
0.22	0.16	0.15	0.14	0.15	0.19	0.23	0.21	0.13	0.23	0.22	0.24
0.91	1.30	1.21	0.85	0.34	0.22	0.21	-0.48	-0.48	-0.06	-0.36	0.67
0.14	0.11	0.12	0.11	0.13	0.17	0.16	0.08	0.04	0.09	0.10	0.14
7.63	6.80	6.15	5.69	5.48	5.39	6.81	11.7	13.8	12.2	9.85	8.43

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
172	1516	38.9	0.38	0.23	-0.041

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.22	0.01	0.10	-0.12	0.04	0.025

07086000 ARKANSAS RIVER AT GRANITE, COLO.

LOCATION.--Lat 39°02'34", long 106°15'55", in SE¼SW¼ sec.31, T.11 S., R.79 W., Chaffee County, on right bank at Granite, 100 ft (30 m) east of U.S. Highway 34, 100 ft (30 m) downstream from county bridge, and 200 ft (61 m) upstream from Cache Creek.

DRAINAGE AREA.--427 mi² (1,106 km²).

REMARKS.--Diversions above station for irrigation of about 6,700 acres (27.1 km²). Sugar Loaf and Twin Lakes Reservoirs are on tributaries above station (combined capacity, 182,700 acre-ft or 225 hm³). Transmountain diversions from Colorado River Basin to Arkansas River basin enter above this station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT GRANITE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1911										1	10	110	42	16	13	10	13	19	6	9	8	11	20	22	9	16	11	14	5						
1912									60	27	17	18	4	20	35	30	16	28	6	9	7	9	9	2	10	16	24	9	7	3					
1913										2	29	63	4	20	69	12	30	22	11	9	12	12	6	15	24	15	7	2	1						
1914										28	31	78	7	15	29	20	27	13	7	6	3	12	5	8	13	20	33	6	4						
1915										28	49	37	19	24	41	40	23	16	5	7	12	14	10	15	6	7	11	1							
1916										29	31	43	48	12	16	14	11	12	4	5	17	18	10	17	10	2	32	29	6						
1917										28	31	62	2	16	51	27	24	9	2	4	7	17	13	3	15	5	17	3	12	14	3				
1918		2				1	5	18	7	1	15	27	37	72	9	8	19	16	11	13	12	15	14	12	12	8	19	1	2	4	5				
1919						1	3	6	59	53	8	9	2	10	5	25	22	41	13	12	17	12	10	6	11	26	14								
1920										16	17	38	36	18	60	35	10	11	5	7	9	9	18	15	8	10	13	23	8						
1921												24	106	32	36	23	1	12	5	21	16	15	21	6	21	8	18								
1922											1	12	38	37	94	29	10	16	10	8	11	10	8	18	27	8	18	10							
1923											40	63	34	31	28	11	9	4	7	9	10	30	26	16	15	20	9	3							
1924												17	77	28	47	28	26	17	4	5	5	10	16	13	26	15	18	2	5	3	4				
1925											34	18	48	31	59	23	28	12	10	11	14	16	15	13	16	13	4								

07086000 ARKANSAS RIVER AT GRANITE, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT GRANITE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1926											68	47	31	26	33	10	3	4	13	21	10	6	9	13	17	34	18	2							
1927											42	38	23	55	42	6	3	10	16	15	18	8	9	8	10	16	34	9	3						
1928											2	67	25	23	30	54	15	16	6	5	7	11	14	25	30	15	18	3							
1929											1	93	37	37	18	3	9	11	11	21	18	20	18	22	8	9	22	6	1						
1930												78	41	24	8	31	9	18	28	9	10	19	23	30	12	7	15	3							
1931									3	52	40	45	34	25	24	28	11	27	11	7	7	7	28	14	2										
1932										11	99	59	17	7	26	12	13	13	7	9	13	4	9	8	18	20	19	2							
1933											3	140	59	32	23	7	8	6	10	7	4	9	8	10	8	3	14	5	7	2					
1934									3	73	19	52	10	20	48	42	15	9	18	9	9	9	3	11	15										
1935											32	95	47	29	19	17	19	6	7	5	9	11	4	5	14	25	19	1	1						
1936											14	77	62	27	22	10	6	4	5	9	7	11	10	8	23	25	23	13	10						
1937										13	62	34	29	51	32	10	10	10	6	10	17	13	14	18	11	5	16	2	2						
1938											21	50	66	37	21	5	8	15	13	13	18	7	13	12	10	10	18	10	13	5					
1939												43	55	27	60	30	17	13	4	3	4	12	12	11	27	24	14	5	4						
1940										10	75	52	33	22	32	31	14	10	10	3	8	13	14	18	10	9	2								
1941										10	36	58	32	35	31	21	9	11	5	7	14	21	21	9	23	9	5	1	7						
1942										6	103	16	10	53	34	31	11	9	6	7	5	3	10	10	20	8	8	7	8						
1943												19	119	36	5	8	4	9	3	14	10	15	21	14	19	27	22	12	8						
1944											7	89	52	54	23	8	2	9	3	8	15	13	16	19	16	6	7	8	11						
1945									2	74	65	28	16	13	4	2	3	4	9	20	30	19	12	17	24	10	11	2							
1946											7	84	31	39	41	15	3	2		8	9	18	12	25	23	24	9	2	10	3					
1947										3	82	46	36	10	16	3	4	6	3	5	29	16	21	13	13	13	12	14	6	11	3				
1948												61	73	19	24	15	18	15	5	11	11	22	9	9	27	12	19	1	5	10					
1949										3	50	54	33	40	17	7	2	7	4	12	23	7	10	20	29	13	12	3	12	7					
1950											29	79	20	22	33	33	20	20	11	4	8	3	10	23	18	11	11	2	1	7					
1951										1	20	61	78	23	14	10	10	9	5	9	4	11	15	14	16	18	29	3	15						
1952													33	113	29	8	4	18	8	8	11	12	8	12	15	29	27	10	16	4		1			
1953											1	41	100	36	31	19	10	16	5	8	9	5	7	7	16	5	19	16	7	3	4				
1954												59	37	90	44	26	8	9	4	11	21	10	20	3	10	6	5	2							
1955											3	38	57	76	27	19	9	13	13	16	10	21	22	17	12	8	4								
1956												5	153	56	23	8	2	1	7	8	4	8	30	23	6	2	7	9	10	4					
1957											18	72	79	16	8	14	6	24	9	4	3	5	14	13	23	8	16	6	8	3	4	3	5	4	
1958												131	14	2	33	14	24	10	5	4	6	13	18	36	15	7	14	8	6	5					
1959											14	73	74	29	18	16	6	8	3	7	11	16	18	19	17	12	14	7	3						
1960											2	39	57	37	37	21	19	17	9	6	5	8	30	26	10	8	11	9	10	5					
1961											5	114	34	32	22	4	2	14	17	7	11	19	23	23	17	5	15	1							
1962													90	44	9	11	7	14	13	14	10	6	21	16	25	26	25	7	20	7					
1963												31	59	12	65	27	27	21	20	11	10	10	16	33	9	7	7								
1964												100	44	26	31	35	12	7	3	3	6	10	12	18	15	19	17	1	6	1					
1965											46	89	16	34	12	3	3	2	8	8	12	19	15	11	16	14	15	16	18	4	4				
1966												13	30	64	35	37	14	18	11	11	8	9	27	34	23	17	14								
1967												22	65	92	26	17	7	26	9	5	8	6	6	21	22	13	15	1	2	2					
1968												54	39	45	59	17	9	11	2	3	6	8	21	25	15	7	21	6	14	4					
1969												76	29	33	39	25	9	23	7	6	3	13	7	5	34	23	18	5	10						
1970											16	33	38	65	29	16	13	6	5	12	9	3	10	21	21	5	13	7	24	9	10				
1971										1	12	33	44	14	26	14	23	35	16	7	15	9	4	9	40	13	24	11	10	5					
1972										1	3	31	21	22	51	58	19	14	15	8	12	6	8	14	11	24	19	4	11	13	1				
1973													17	87	52	45	21	18	1	2	14	3	6	18	15	13	20	8	22	3					
1974												21	40	18	42	25	16	19	17	44	3		9	11	29	20	30	17	4						
1975										1	10	37	61	49	12	9	12	12	7	7	7	12	18	27	18	15	24	4	10	5	8				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	23741	100.0	12	84.0	2804	18483	77.9	24	780	1100	3931	16.5
1	11.00	2	23741	100.0	13	100.0	2260	15679	66.0	25	940	848	2831	11.9
2	13.00	0	23739	100.0	14	120.0	2032	13419	56.5	26	1100	1019	1983	8.3
3	16.00	0	23739	100.0	15	150.0	1272	11387	48.0	27	1400	374	964	4.0
4	19.00	0	23739	100.0	16	180.0	797	10115	42.6	28	1600	385	590	2.4
5	23.00	2	23739	100.0	17	210.0	877	9318	39.2	29	2000	146	205	.8
6	28.00	8	23737	100.0	18	260.0	539	8441	35.6	30	2400	46	59	.2
7	33.00	24	23729	99.9	19	310.0	606	7902	33.3	31	2800	4	13	
8	40.00	134	23705	99.8	20	370.0	691	7296	30.7	32	3400	5	9	
9	48.00	472	23571	99.3	21	450.0	749	6605	27.8	33	4100	4	4	
10	58.00	1320	23099	97.3	22	540.0	916	5856	24.7	34	5000			
11	70.00	3296	21779	91.7	23	650.0	1009	4940	20.8					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT GRANITE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1911	1730.0	36	1690.0	36	1620.0	36	1540.0	31	1390.0	27	1140.0	33	982.0	32	861.0	31	632.0	31
1912	2030.0	25	1990.0	24	1880.0	22	1730.0	22	1450.0	24	1230.0	22	1060.0	28	889.0	30	635.0	30
1913	1600.0	45	1530.0	44	1340.0	47	1150.0	50	1030.0	53	925.0	52	809.0	50	685.0	52	516.0	53
1914	1700.0	39	1670.0	37	1500.0	44	1390.0	41	1330.0	37	1220.0	24	1070.0	23	905.0	28	647.0	29
1915	1410.0	56	1260.0	58	1210.0	56	1130.0	54	1030.0	54	800.0	59	658.0	60	540.0	61	403.0	61
1916	1660.0	42	1660.0	38	1650.0	34	1590.0	27	1500.0	23	1330.0	15	1210.0	11	1080.0	8	807.0	10
1917	2540.0	9	2480.0	8	2380.0	7	2250.0	4	2030.0	2	1570.0	4	1270.0	6	1050.0	12	743.0	17
1918	2630.0	7	2560.0	5	2430.0	4	2000.0	10	1590.0	19	1230.0	23	985.0	31	839.0	32	624.0	32
1919	1160.0	61	1140.0	61	1120.0	60	1060.0	58	1020.0	55	952.0	48	765.0	55	668.0	55	510.0	55
1920	1690.0	40	1640.0	41	1600.0	37	1540.0	32	1520.0	22	1310.0	16	1080.0	20	934.0	24	670.0	28

07086000 ARKANSAS RIVER AT GRANITE, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT GRANITE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1921	1310.0	59	1250.0	59	1170.0	58	1060.0	59	1040.0	51	929.0	50	777.0	53	682.0	53	515.0	54
1922	1580.0	47	1530.0	45	1510.0	40	1420.0	38	1290.0	38	1090.0	34	898.0	39	809.0	39	597.0	38
1923	1500.0	50	1450.0	47	1330.0	48	1140.0	51	1050.0	49	947.0	49	831.0	48	747.0	45	569.0	43
1924	2790.0	3	2660.0	2	2430.0	5	2020.0	9	1550.0	20	1240.0	20	1060.0	24	961.0	21	689.0	24
1925	1120.0	63	1110.0	62	1090.0	62	1010.0	60	880.0	60	825.0	57	688.0	58	602.0	59	456.0	59
1926	1510.0	49	1360.0	53	1330.0	49	1260.0	46	1090.0	48	993.0	47	962.0	34	829.0	36	607.0	37
1927	1820.0	32	1720.0	33	1510.0	41	1360.0	42	1340.0	34	1240.0	21	1070.0	21	902.0	29	675.0	27
1928	1440.0	52	1430.0	48	1370.0	45	1190.0	49	1030.0	52	1000.0	46	886.0	41	830.0	34	621.0	33
1929	1600.0	46	1570.0	43	1510.0	42	1400.0	40	1270.0	40	1030.0	45	895.0	40	788.0	41	608.0	36
1930	1430.0	54	1390.0	51	1320.0	52	1220.0	48	1110.0	47	891.0	53	782.0	52	721.0	47	561.0	45
1931	833.0	65	804.0	65	757.0	65	708.0	65	652.0	65	580.0	64	477.0	64	410.0	64	310.0	64
1932	1560.0	48	1430.0	49	1310.0	53	1250.0	47	1160.0	44	1040.0	42	874.0	45	731.0	46	530.0	49
1933	2000.0	26	1950.0	26	1810.0	27	1530.0	33	1360.0	30	1060.0	40	820.0	49	667.0	56	473.0	58
1934	922.0	64	873.0	64	845.0	64	808.0	64	759.0	64	566.0	65	454.0	65	388.0	65	303.0	65
1935	1640.0	43	1410.0	50	1370.0	46	1290.0	45	1150.0	45	1040.0	43	881.0	42	720.0	48	520.0	51
1936	1780.0	34	1720.0	34	1670.0	32	1560.0	29	1340.0	35	1210.0	25	1140.0	15	980.0	16	763.0	13
1937	1690.0	41	1460.0	46	1330.0	50	1140.0	52	933.0	57	925.0	51	785.0	51	671.0	54	493.0	56
1938	2140.0	22	2080.0	21	1920.0	20	1730.0	23	1650.0	15	1340.0	14	1130.0	18	972.0	17	717.0	19
1939	1620.0	44	1620.0	42	1530.0	39	1350.0	43	1230.0	41	1090.0	35	949.0	35	838.0	33	615.0	34
1940	1150.0	62	1090.0	63	950.0	63	911.0	63	851.0	62	693.0	62	578.0	63	503.0	63	376.0	63
1941	1980.0	28	1940.0	27	1800.0	28	1430.0	37	1120.0	46	873.0	55	776.0	54	702.0	50	521.0	50
1942	1860.0	30	1780.0	31	1630.0	35	1590.0	28	1360.0	31	1090.0	36	872.0	46	715.0	49	517.0	52
1943	1840.0	31	1770.0	32	1710.0	30	1550.0	30	1360.0	32	1180.0	30	1060.0	25	962.0	20	788.0	11
1944	1730.0	37	1710.0	35	1680.0	31	1610.0	25	1420.0	25	1030.0	44	926.0	38	813.0	38	585.0	41
1945	1440.0	53	1340.0	54	1190.0	57	1100.0	57	929.0	58	839.0	56	749.0	56	698.0	51	551.0	47
1946	2190.0	19	2140.0	18	1920.0	21	1810.0	16	1390.0	28	1160.0	32	996.0	30	911.0	27	699.0	22
1947	2780.0	4	2600.0	4	2280.0	10	1990.0	11	1890.0	6	1490.0	7	1230.0	9	1070.0	9	818.0	9
1948	2260.0	16	2190.0	16	2180.0	11	2050.0	6	1610.0	18	1260.0	19	1070.0	22	951.0	23	702.0	20
1949	2280.0	14	2220.0	14	1980.0	17	1890.0	12	1660.0	13	1290.0	17	1120.0	19	972.0	18	747.0	15
1950	2260.0	15	2250.0	12	2160.0	12	1690.0	24	1340.0	33	1070.0	38	875.0	44	748.0	44	569.0	44
1951	1940.0	29	1890.0	28	1820.0	25	1590.0	26	1400.0	26	1290.0	18	1140.0	16	1010.0	14	742.0	18
1952	2870.0	2	2410.0	10	1960.0	19	1810.0	17	1730.0	9	1420.0	8	1270.0	7	1150.0	6	889.0	4
1953	2640.0	6	2550.0	6	2380.0	8	2030.0	8	1730.0	10	1370.0	12	1140.0	17	965.0	19	681.0	25
1954	1410.0	55	1380.0	52	1320.0	51	1000.0	61	763.0	63	668.0	63	590.0	62	510.0	62	378.0	62
1955	1230.0	60	1180.0	60	1110.0	61	975.0	62	903.0	59	745.0	61	649.0	61	586.0	60	446.0	60
1956	2340.0	13	2250.0	13	2050.0	14	1820.0	15	1620.0	16	1170.0	31	966.0	33	829.0	35	589.0	40
1957	4990.0	1	4920.0	1	4450.0	1	3590.0	1	2760.0	1	1950.0	1	1580.0	1	1300.0	1	932.0	3
1958	2160.0	21	2080.0	22	1840.0	23	1790.0	18	1550.0	21	1200.0	26	1020.0	29	916.0	26	675.0	26
1959	1710.0	38	1660.0	39	1540.0	38	1450.0	35	1280.0	39	1070.0	39	927.0	37	794.0	40	593.0	39
1960	2190.0	20	2100.0	20	2040.0	15	1770.0	19	1610.0	17	1200.0	27	1060.0	26	919.0	25	689.0	23
1961	1450.0	51	1320.0	55	1250.0	54	1130.0	53	1040.0	50	815.0	58	732.0	57	665.0	57	534.0	48
1962	2090.0	23	2060.0	23	1980.0	18	1880.0	13	1740.0	8	1420.0	9	1260.0	8	1160.0	4	938.0	2
1963	1340.0	57	1320.0	56	1240.0	55	1120.0	55	879.0	61	762.0	60	665.0	59	613.0	58	474.0	57
1964	2000.0	27	1870.0	29	1810.0	26	1410.0	39	1230.0	42	1090.0	37	944.0	36	817.0	37	584.0	42
1965	2500.0	10	2480.0	9	2390.0	6	2050.0	7	1800.0	7	1590.0	3	1360.0	3	1170.0	3	870.0	6
1966	1310.0	58	1260.0	57	1160.0	59	1100.0	56	978.0	56	888.0	54	843.0	47	761.0	42	614.0	35
1967	2040.0	24	1960.0	25	1660.0	33	1330.0	44	1160.0	43	1050.0	41	881.0	43	760.0	43	560.0	46
1968	2210.0	18	2180.0	17	2030.0	16	1740.0	20	1690.0	11	1350.0	13	1150.0	14	1010.0	15	744.0	16
1969	1800.0	33	1780.0	30	1760.0	29	1530.0	34	1360.0	29	1190.0	28	1060.0	27	954.0	22	702.0	21
1970	2650.0	5	2620.0	3	2580.0	2	2370.0	2	2020.0	3	1840.0	2	1520.0	2	1300.0	2	953.0	1
1971	2220.0	17	2190.0	15	2090.0	13	1880.0	14	1680.0	12	1410.0	10	1190.0	12	1070.0	10	843.0	7
1972	2420.0	11	2380.0	11	2280.0	9	2190.0	5	1930.0	4	1510.0	6	1280.0	5	1070.0	11	820.0	8
1973	2370.0	12	2110.0	19	1840.0	24	1740.0	21	1650.0	14	1390.0	11	1220.0	10	1090.0	7	785.0	12
1974	1760.0	35	1660.0	40	1500.0	43	1430.0	36	1330.0	36	1180.0	29	1150.0	13	1040.0	13	757.0	14
1975	2580.0	8	2550.0	7	2500.0	3	2320.0	3	1890.0	5	1530.0	5	1310.0	4	1150.0	5	877.0	5

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT GRANITE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1911	55.00	18	65.00	36	65.00	28	67.00	30	70.00	33	74.00	38	74.00	26	75.00	23	85.00	15
1912	43.00	5	44.00	5	44.00	3	44.00	3	45.00	3	45.00	1	47.00	2	53.00	2	89.00	21
1913	65.00	39	65.00	37	65.00	29	65.00	24	65.00	23	68.00	21	72.00	20	82.00	38	99.00	39
1914	55.00	19	55.00	13	55.00	11	55.00	8	55.00	8	58.00	9	63.00	10	66.00	10	91.00	25
1915	50.00	9	50.00	7	50.00	7	50.00	6	51.00	6	55.00	6	59.00	5	64.00	7	93.00	29
1916	55.00	20	55.00	14	55.00	12	55.00	9	55.00	9	58.00	7	63.00	11	68.00	11	84.00	12
1917	55.00	21	55.00	15	55.00	13	55.00	10	55.00	10	58.00	8	62.00	8	65.00	8	96.00	35
1918	11.00	1	16.00	1	31.00	1	34.00	1	38.00	1	60.00	11	61.00	7	72.00	16	83.00	10
1919	26.00	2	33.00	2	38.00	2	44.00	2	45.00	2	45.00	2	46.00	1	48.00	1	87.00	18
1920	54.00	10	57.00	18	58.00	17	62.00	21	64.00	20	67.00	19	75.00	32	82.00	39	106.00	49
1921	78.00	59	78.00	59	78.00	57	85.00	62	85.00	59	87.00	55	88.00	53	90.00	50	102.00	44
1922	69.00	48	76.00	55	78.00	58	83.00	60	87.00	60	90.00	60	98.00	61	110.00	64	126.00	60
1923	60.00	28	62.00	27	64.00	24	65.00	25	67.00	24	68.00	20	72.00	21	75.00	24	91.00	26
1924	74.00	56	77.00	58	79.00	59	79.00	56	83.00	55	85.00	53	86.00	52	93.00	56	121.00	58
1925	58.00	24	58.00	19	65.00	30	65.00	26	65.00	21	71.00	23	76.00	33	84.00	40	101.00	42
1926	58.00	25	58.00	20	58.00	18	58.00	15	58.00	11	61.00	12	64.00	12	69.00	13	90.00	22
1927	60.00	29	60.00	24	60.00	20	61.00	20	63.00	18	66.00	18	72.00	22	80.00	33	94.00	30
1928	68.00	46	71.00	48	72.00	48	73.00	47	75.00	45	76.00	39	80.00	42	90.00	51	117.00	57
1929	68.00	47	70.00	45	70.00	44	70.00	40	70.00	34	73.00	34	74.00	27	77.00	25	94.00	31
1930	70.00	49	70.00	46	70.00	45	70.00	41	70.00	35	73.00	35	77.00	37	81.00	35	114.00	55

07086000 ARKANSAS RIVER AT GRANITE, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT GRANITE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1931	40.00	3	43.00	3	46.00	4	48.00	4	50.00	4	53.00	5	60.00	6	62.00	5	77.00	4
1932	49.00	7	51.00	8	53.00	8	58.00	16	63.00	19	64.00	17	66.00	15	66.00	9	70.00	2
1933	62.00	32	63.00	31	69.00	39	70.00	42	70.00	36	72.00	30	73.00	24	74.00	21	80.00	5
1934	42.00	4	43.00	4	46.00	5	50.00	5	50.00	5	52.00	3	56.00	4	60.00	4	72.00	3
1935	62.00	33	65.00	38	67.00	37	69.00	35	70.00	37	71.00	24	72.00	23	73.00	17	80.00	6
1936	64.00	36	64.00	33	66.00	35	68.00	31	73.00	43	78.00	42	79.00	38	80.00	34	87.00	19
1937	54.00	11	54.00	10	55.00	14	56.00	12	58.00	12	59.00	10	63.00	9	70.00	14	84.00	11
1938	65.00	40	65.00	34	65.00	31	66.00	27	68.00	27	72.00	25	76.00	34	82.00	36	92.00	27
1939	66.00	44	73.00	49	74.00	50	75.00	50	77.00	48	81.00	49	84.00	50	89.00	47	112.00	54
1940	54.00	12	54.00	11	54.00	9	55.00	11	58.00	13	63.00	15	68.00	16	70.00	15	81.00	9
1941	50.00	8	51.00	9	54.00	10	57.00	13	62.00	17	72.00	26	75.00	28	79.00	30	97.00	36
1942	55.00	22	56.00	16	59.00	19	59.00	17	61.00	15	62.00	13	64.00	13	64.00	6	80.00	7
1943	70.00	50	73.00	50	76.00	54	78.00	54	83.00	56	87.00	56	91.00	59	91.00	54	94.00	32
1944	62.00	34	65.00	35	70.00	46	71.00	46	72.00	39	73.00	31	75.00	29	80.00	31	90.00	23
1945	45.00	6	47.00	6	48.00	6	51.00	7	52.00	7	53.00	4	55.00	3	57.00	3	67.00	1
1946	59.00	26	62.00	28	69.00	40	70.00	43	72.00	40	74.00	36	76.00	35	80.00	32	96.00	33
1947	54.00	13	55.00	12	58.00	15	61.00	18	62.00	16	64.00	16	65.00	14	68.00	12	81.00	8
1948	74.00	57	76.00	56	77.00	55	78.00	55	80.00	52	81.00	50	83.00	47	85.00	43	109.00	50
1949	55.00	14	56.00	17	58.00	16	58.00	14	60.00	14	63.00	14	68.00	17	73.00	18	85.00	13
1950	61.00	30	62.00	29	64.00	25	64.00	22	67.00	25	70.00	22	71.00	18	73.00	19	93.00	28
1951	56.00	23	59.00	22	66.00	32	69.00	36	71.00	38	72.00	27	77.00	36	78.00	26	89.00	20
1952	84.00	64	87.00	64	89.00	64	92.00	64	96.00	64	101.00	64	104.00	64	106.00	61	115.00	56
1953	72.00	54	73.00	51	75.00	51	76.00	51	83.00	57	87.00	57	90.00	55	90.00	52	102.00	45
1954	68.00	45	73.00	52	76.00	52	77.00	52	78.00	49	80.00	48	83.00	48	89.00	48	101.00	43
1955	65.00	41	66.00	39	70.00	41	70.00	44	73.00	41	79.00	45	84.00	49	90.00	49	99.00	40
1956	80.00	62	81.00	61	83.00	62	85.00	61	90.00	63	90.00	58	91.00	56	93.00	55	96.00	34
1957	64.00	37	66.00	40	67.00	36	68.00	32	69.00	28	73.00	32	75.00	30	78.00	27	90.00	24
1958	70.00	51	70.00	47	71.00	47	71.00	45	75.00	46	78.00	43	79.00	39	79.00	28	110.00	51
1959	65.00	38	66.00	41	68.00	38	69.00	37	70.00	29	73.00	33	75.00	31	79.00	29	86.00	16
1960	66.00	42	68.00	43	70.00	42	74.00	48	78.00	50	82.00	51	86.00	51	88.00	46	112.00	52
1961	62.00	35	63.00	32	66.00	33	69.00	38	70.00	30	72.00	28	74.00	25	75.00	22	86.00	17
1962	78.00	60	84.00	63	87.00	63	88.00	63	88.00	62	90.00	59	91.00	57	94.00	57	141.00	63
1963	82.00	63	82.00	62	82.00	61	82.00	59	82.00	53	85.00	54	89.00	54	98.00	59	112.00	53
1964	76.00	58	76.00	57	76.00	53	77.00	53	78.00	51	79.00	46	81.00	43	82.00	37	98.00	38
1965	61.00	31	61.00	25	61.00	21	61.00	19	65.00	22	72.00	29	72.00	19	73.00	20	85.00	14
1966	66.00	43	66.00	42	66.00	34	66.00	28	83.00	54	93.00	63	99.00	62	108.00	62	142.00	64
1967	80.00	61	80.00	60	80.00	60	80.00	57	87.00	61	92.00	62	91.00	58	94.00	58	97.00	37
1968	70.00	52	70.00	44	70.00	43	70.00	39	70.00	31	76.00	40	81.00	44	85.00	44	100.00	41
1969	72.00	55	73.00	53	73.00	49	74.00	49	75.00	47	78.00	44	79.00	40	84.00	41	104.00	48
1970	60.00	27	62.00	30	64.00	26	65.00	23	67.00	26	74.00	37	80.00	41	86.00	45	103.00	46
1971	55.00	15	61.00	26	62.00	22	68.00	33	74.00	44	77.00	41	81.00	45	91.00	53	126.00	61
1972	55.00	16	60.00	23	65.00	27	68.00	34	70.00	32	80.00	47	92.00	60	102.00	60	125.00	59
1973	90.00	65	90.00	65	93.00	65	100.00	65	103.00	65	106.00	65	106.00	65	110.00	63	127.00	62
1974	70.00	53	73.00	54	77.00	56	82.00	58	84.00	58	91.00	61	100.00	63	127.00	65	186.00	65
1975	55.00	17	58.00	21	64.00	23	66.00	29	73.00	42	82.00	52	81.00	46	84.00	42	103.00	47

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
145	111	86.4	78.4	79.2	93.5	227	674	1221	881	553	252
1773	537	335	801	1111	1216	18440	50660	94250	126300	36830	9831
42.1	23.2	18.3	28.3	33.3	34.9	136	225	307	355	192	99.1
1.40	0.71	0.55	5.15	5.97	3.68	1.71	0.77	-0.15	1.34	-0.12	0.09
0.29	0.21	0.21	0.36	0.42	0.37	0.60	0.33	0.25	0.40	0.35	0.39
3.30	2.51	1.96	1.78	1.80	2.13	5.15	15.3	27.7	20.0	12.6	5.72

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.15	2.03	1.93	1.88	1.88	1.95	2.30	2.80	3.07	2.91	2.71	2.37
0.01	0.01	0.01	0.01	0.01	0.01	0.05	0.02	0.01	0.03	0.03	0.03
0.12	0.09	0.09	0.11	0.11	0.12	0.21	0.15	0.12	0.17	0.18	0.17
0.48	0.09	-0.30	1.46	2.41	1.82	0.89	-0.61	-1.05	-0.34	-0.90	0.12
0.05	0.04	0.05	0.06	0.06	0.06	0.09	0.05	0.04	0.06	0.06	0.07
7.67	7.27	6.89	6.71	6.72	6.98	8.21	10.0	11.0	10.4	9.69	8.47

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
368	6275	79.2	0.04	0.22	0.258

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.56	0.01	0.10	-0.59	0.04	0.254

07086500 CLEAR CREEK ABOVE CLEAR CREEK RESERVOIR, COLO.

LOCATION.--Lat 39°01'05", long 106°16'38", in SE¼ sec.12, T.12 S., R.80 W., Chaffee County, on right bank 0.5 mi (0.8 km) upstream from water line of Clear Creek Reservoir at elevation 8,875 ft (2,705.1 m), 1.5 mi (2.4 km) downstream from unnamed tributary, and 1.9 mi (3.1 km) southwest of Granite.

DRAINAGE AREA.--67.1 mi² (173.8 km²).

REMARKS.--Diversions for irrigation of about 250 acres (1.01 km²) above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CLEAR CREEK ABOVE CLEAR CREEK RESERVOIR, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1947						62		59		32	46	12	3		6	14	16	5	6	14	13	12	14	13	4	6	7	10	9	1		1			
1948		31	29	31		31			24	30		10	26	25	15	13	10	7	7	4	6	8	8	9	9	9	6	3	5	7	3				
1949				31		28	31	37	1	38	14	22	20	11	18	17	14	10	3	9	5	10	11	3	3	8	7	7	1	4	1	1			
1950						59	31	31	30	32	15	43	28	4	9	4	6	10	7	6	4	9	7	9	8	4	4	5							
1951		31	29	32	1	33	28	21	19	19	12	12	9	4	10	9	8	3	4	13	8	11	12	4	4	10	3	9	3	3	1				
1952				31		29	31	31	33	40	11	1		9	12	8	5	12	9	9	10	18	14	12	6	11	5	5	3	1	2	8			
1953						3	70	62	25	25	32	7	36	5	9	5	3	10	6	10	3	18	12	6	7	2	3	1	3	2					
1954					4	50	44	17	42	40	22	13	19	18	7	4	4	2	9	11	10	20	9	12	5	3									
1955						59	74	13	6	16	22	16	23	17	9	12	20	13	16	14	3	4	4	6	5	8	5								
1956		1		3	11	8	37	4	11	7	20	27	14	3	21	5	9	6	6	8	11	4	3	4	3	7	6	7	9	7	2	3			
1957								90	61	51	13	1	1	8	12	10	6	11	6	4	16	6	4	2	2	4	5	10	8	6	3	5	7	6	6	1
1958								31	59	61	30		37	33	22	18	11	6	3	1	3	14	1	3	9	4	4	8	5	2						
1959						40	69	49	11	17	45	23	19	11	8	10	11	4	6	5	4	5	4	4	4	5	9	2							
1960					60	31	46		25	5	7	45	41	5	11	2	4	9	8	9	7	9	6	6	5	8	8	7	2						
1961				31	46	33	35	4	5	11	40	12	4	1	15	31	16	17	10	11	2	6	2	5	6	13	6	3							
1962										31	63	44	40	4	5	3	61	15	2	10	12	16	9	9	10	8	7	16							
1963						59	63	37	13	14	21	6	11	12	19	27	13	4	5	13	10	13	14	7	4										
1964		91	30	26		8	2	12	15	22	15	13	10	4	9	13	15	7	14	16	4	19	6	9	5	1									
1965							121	20	40	9	22				7	22	10	9	7	6	10	17	5	5	9	11	6	5	9	14	1				
1966							11	45	16	61	15	34	31	11	18	16	9	2	11	14	14	21	27	5	4										
1967								28	78	85	11	12	10	7	10	22	25	6	7	2	5	9	8	5	8	9	9	9							
1968						29	56	36	1	32	26	14	32	15	9	15	5	11	8	8	6	22	9	9	4	4	12	3							
1969					35	50	28	15	40	15	8	13	6	8	30	9	16	11	2	7	4	8	15	16	11	8	9	1							
1970				1		52	54	15	26	22	13	14	13	5	3	13	18	19	10	12	7	6	10	7	18	11	4	11	1						
1971				3	10	17	26	29	26	16	31	22	20	20	27	21	23	8	2	7	6	9	9	10	6	2	3	10	2						
1972		28	30	8	11	29	17	4	12	12	25	34	37	32	17	4	5	8	4	6	3	7	4	7	5	4	12	1							
1973					20	79	65	9	7	10	13	22	10	8	22	9	5	13	6	13	5	6	6	11	7	5	7	5	2						
1974			2	3	66	39	10	29	44	26	30	11	7	6	10	9	5	4	5	15	12	4	7	12	7	2									
1975			1	26	59	73	16	30	18	7	6	5	13	7	4	5	22	9	2	8	7	8	6	9	6	9	3	6							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	10592	100.0	12	32.0	530	4372	41.3	24	240	184	793	7.4
1	5.00	182	10592	100.0	13	38.0	288	3842	36.3	25	280	177	609	5.7
2	5.90	124	10410	98.3	14	44.0	356	3554	33.6	26	330	162	432	4.0
3	7.00	341	10286	97.1	15	53.0	340	3198	30.2	27	390	139	270	2.5
4	8.30	349	9945	93.9	16	62.0	372	2858	27.0	28	470	50	131	1.2
5	9.80	897	9596	90.6	17	74.0	245	2486	23.5	29	550	38	81	.7
6	12.00	1060	8699	82.1	18	87.0	192	2241	21.2	30	650	13	43	.4
7	14.00	760	7639	72.1	19	100.0	275	2049	19.3	31	770	17	30	.2
8	16.00	689	6879	64.9	20	120.0	203	1774	16.7	32	910	6	13	.1
9	19.00	737	6190	58.4	21	140.0	304	1571	14.8	33	1100	6	7	
10	23.00	580	5453	51.5	22	170.0	246	1267	12.0	34	1300	1	1	
11	27.00	501	4873	46.0	23	200.0	228	1021	9.6					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CLEAR CREEK ABOVE CLEAR CREEK RESERVOIR, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1947	894.0	2	657.0	5	514.0	8	485.0	7	437.0	5	335.0	5	272.0	4	229.0	4	164.0	4
1948	684.0	6	664.0	4	628.0	4	587.0	3	469.0	4	350.0	4	271.0	5	218.0	5	153.0	5
1949	782.0	4	722.0	3	634.0	3	516.0	5	426.0	6	298.0	6	229.0	9	186.0	9	133.0	8
1950	431.0	19	423.0	18	402.0	17	338.0	20	287.0	20	214.0	21	166.0	19	133.0	21	95.0	22
1951	686.0	5	636.0	6	573.0	6	490.0	6	388.0	8	292.0	7	233.0	7	188.0	8	130.0	9
1952	888.0	3	873.0	2	847.0	2	718.0	2	531.0	3	372.0	3	305.0	3	255.0	3	182.0	3
1953	595.0	9	568.0	9	494.0	9	384.0	13	286.0	21	223.0	18	177.0	18	143.0	18	101.0	18
1954	294.0	25	287.0	25	259.0	26	217.0	26	187.0	27	179.0	25	150.0	24	123.0	25	89.0	25
1955	368.0	24	341.0	24	328.0	24	298.0	24	265.0	24	184.0	24	149.0	25	126.0	24	92.0	23
1956	612.0	8	569.0	8	519.0	7	455.0	8	389.0	7	278.0	10	208.0	10	166.0	11	115.0	12
1957	1300.0	1	1280.0	1	1230.0	1	1050.0	1	876.0	1	633.0	1	471.0	1	371.0	1	253.0	1
1958	476.0	14	442.0	15	399.0	18	394.0	12	321.0	14	223.0	19	165.0	20	133.0	22	97.0	20
1959	394.0	23	389.0	21	374.0	21	349.0	19	283.0	22	188.0	23	143.0	26	116.0	26	82.0	27
1960	481.0	12	465.0	13	433.0	13	383.0	14	354.0	10	257.0	12	202.0	13	161.0	14	114.0	13
1961	445.0	17	416.0	19	371.0	22	334.0	23	314.0	17	216.0	20	165.0	21	141.0	19	105.0	17
1962	453.0	16	446.0	14	435.0	12	420.0	10	381.0	9	291.0	8	247.0	6	206.0	6	151.0	6
1963	270.0	28	260.0	27	230.0	29	209.0	28	185.0	29	161.0	28	127.0	29	111.0	28	84.0	26
1964	284.0	26	259.0	28	249.0	27	196.0	29	187.0	28	161.0	29	134.0	28	115.0	27	81.0	28
1965	650.0	7	625.0	7	593.0	5	564.0	4	534.0	2	410.0	2	321.0	2	265.0	2	186.0	2

07086500 CLEAR CREEK ABOVE CLEAR CREEK RESERVOIR, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CLEAR CREEK ABOVE CLEAR CREEK RESERVOIR, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1966	259.0	29	248.0	29	242.0	28	211.0	27	196.0	26	171.0	26	156.0	22	134.0	20	97.0	21
1967	433.0	18	424.0	17	414.0	16	381.0	15	318.0	15	266.0	11	203.0	12	165.0	12	122.0	11
1968	425.0	20	399.0	20	381.0	19	336.0	21	316.0	16	225.0	17	197.0	14	162.0	13	114.0	14
1969	397.0	22	388.0	22	351.0	23	334.0	22	279.0	23	252.0	13	207.0	11	171.0	10	123.0	10
1970	489.0	11	476.0	11	450.0	11	403.0	11	327.0	12	291.0	9	230.0	8	190.0	7	142.0	7
1971	497.0	10	480.0	10	466.0	10	431.0	9	336.0	11	247.0	14	189.0	16	156.0	15	113.0	15
1972	408.0	21	386.0	23	376.0	20	359.0	17	299.0	18	209.0	22	156.0	23	126.0	23	92.0	24
1973	477.0	13	469.0	12	429.0	14	358.0	18	322.0	13	240.0	15	192.0	15	156.0	16	110.0	16
1974	284.0	27	281.0	26	259.0	25	222.0	25	213.0	25	170.0	27	135.0	27	109.0	29	77.0	29
1975	455.0	15	435.0	16	414.0	15	360.0	16	294.0	19	228.0	16	177.0	17	145.0	17	100.0	19

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CLEAR CREEK ABOVE CLEAR CREEK RESERVOIR, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1948	5.00	1	5.00	1	5.00	1	5.00	1	5.00	1	5.50	2	6.00	2	7.20	2	15.00	8
1949	8.00	11	8.00	12	8.00	10	8.00	8	8.00	8	9.00	7	10.00	11	11.00	11	16.00	17
1950	11.00	24	11.00	23	11.00	22	11.00	23	11.00	19	11.00	15	11.00	18	12.00	17	16.00	18
1951	5.00	2	5.00	2	5.00	2	5.00	2	5.00	2	5.50	3	6.30	3	7.30	3	11.00	4
1952	6.40	7	7.80	10	8.00	11	8.00	9	8.00	9	9.00	8	10.00	12	11.00	12	14.00	5
1953	12.00	25	12.00	25	12.00	25	12.00	25	12.00	24	13.00	22	13.00	22	14.00	21	17.00	21
1954	8.50	15	9.50	18	10.00	18	10.00	17	11.00	20	11.00	16	11.00	13	12.00	18	15.00	9
1955	10.00	21	10.00	20	10.00	19	10.00	18	10.00	15	11.00	17	11.00	14	11.00	13	16.00	19
1956	5.60	5	5.90	5	6.50	5	7.00	6	7.00	6	7.20	5	7.50	5	7.70	4	9.30	1
1957	7.40	9	7.50	8	7.70	7	9.10	14	13.00	25	13.00	23	13.00	23	14.00	22	15.00	10
1958	13.00	26	13.00	26	13.00	26	13.00	26	13.00	26	14.00	24	14.00	24	15.00	24	18.00	22
1959	11.00	22	11.00	24	11.00	23	11.00	24	11.00	21	11.00	18	12.00	19	12.00	19	16.00	20
1960	9.00	19	9.00	16	9.00	14	9.00	13	9.00	10	9.30	9	9.80	9	11.00	14	15.00	11
1961	8.00	12	8.00	11	8.00	12	8.00	7	8.00	7	8.50	6	9.30	6	10.00	7	15.00	12
1962	8.50	16	8.50	13	8.50	13	8.50	10	11.00	22	23.00	28	24.00	28	25.00	28	34.00	28
1963	10.00	20	10.00	21	10.00	20	10.00	19	10.00	16	11.00	19	11.00	15	11.00	8	14.00	6
1964	5.00	3	5.00	3	5.00	3	5.00	3	5.00	3	5.00	1	5.20	1	5.90	1	11.00	2
1965	6.50	8	6.50	6	6.50	6	6.50	5	6.50	5	12.00	20	12.00	20	12.00	15	15.00	13
1966	13.00	27	13.00	27	13.00	27	13.00	27	14.00	27	15.00	26	16.00	26	18.00	27	25.00	27
1967	15.00	28	15.00	28	15.00	28	15.00	28	15.00	28	16.00	27	16.00	27	17.00	26	19.00	24
1968	11.00	23	11.00	22	11.00	24	11.00	20	11.00	17	12.00	21	13.00	21	14.00	23	21.00	25
1969	8.80	17	9.10	17	9.20	15	9.30	15	9.40	12	9.90	12	10.00	10	12.00	16	15.00	14
1970	8.00	13	9.70	19	10.00	21	11.00	21	11.00	18	11.00	13	11.00	16	13.00	20	18.00	23
1971	8.00	14	8.70	14	9.70	17	11.00	22	12.00	23	14.00	25	14.00	25	16.00	25	23.00	26
1972	5.00	4	5.20	4	5.50	4	5.60	4	5.70	4	5.80	4	7.20	4	8.30	5	15.00	15
1973	8.80	18	9.00	15	9.30	16	9.60	16	9.90	14	11.00	14	11.00	17	11.00	9	15.00	16
1974	6.00	6	6.70	7	7.90	8	8.80	11	9.40	13	9.60	11	9.60	7	11.00	10	14.00	7
1975	7.50	10	7.80	9	7.90	9	8.80	12	9.00	11	9.40	10	9.60	8	9.60	6	11.00	3

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
29.7	19.5	14.4	11.8	11.3	11.3	18.8	114	299	179	70.4	41.8
128	26.1	16.7	12.4	15.4	21.9	109	2018	7709	19180	990	346
11.3	5.11	4.08	3.52	3.92	4.68	10.4	44.9	87.8	138	31.5	18.6
2.02	0.66	0.91	1.04	1.33	1.74	3.22	-0.04	0.56	3.06	1.30	1.50
0.38	0.26	0.28	0.30	0.35	0.42	0.56	0.40	0.29	0.77	0.45	0.45
3.62	2.37	1.76	1.43	1.37	1.37	2.29	13.8	36.5	21.8	8.57	5.09

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.45	1.27	1.14	1.05	1.03	1.02	1.23	2.02	2.46	2.17	1.81	1.59
0.02	0.01	0.01	0.02	0.02	0.03	0.04	0.04	0.02	0.06	0.03	0.03
0.14	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.13	0.25	0.18	0.17
0.83	-0.71	0.24	-0.07	-0.23	0.06	0.57	-0.59	-0.25	0.64	0.30	0.55
0.10	0.09	0.10	0.12	0.15	0.16	0.15	0.10	0.05	0.12	0.10	0.11
7.94	6.98	6.27	5.77	5.63	5.59	6.74	11.1	13.5	11.9	9.92	8.69

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
68.6	390	19.7	1.55	0.29	-0.084

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.82	0.01	0.11	0.83	0.06	-0.031

07087200 ARKANSAS RIVER AT BUENA VISTA, COLO.

LOCATION.--Lat 38°50'56", long 106°07'27", in NW¼NW¼ sec.9, T.14 S., R.78 W., Chaffee County, on right bank at northeast corner of Buena Vista city limits and 1.1 mi (1.8 km) upstream from Cottonwood Creek.

DRAINAGE AREA.--611 mi² (1,582 km²).

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs (combined capacity, 193,900 acre-ft or 239 hm³), diversions above station for irrigation of 7,400 acres (29.9 km²), and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT BUENA VISTA, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1965				3	27	52	79	31	4	6	1			2			7	3	2	10	13	19	6	10	16	8	11	2	8	23	7	5	3	7
1966						4	36	47	20	17	48	9	11	11	8	11	4	7	10	12	33	12	13	25	9	12	4	2							
1967					12	16	50	76	22	27	14	6		6	9	13	9	3	5	4	8	9	11	8	9	6	15	9	8	6	1	3			
1968				1	33	43	26	57	30	5	6	14	6	10	3	1	2	1	1	3	9	17	22	13	12	4	15	7	6	12	3	1	2	1	
1969					17	64	23	36	37	6	14	6	1	11	13	11	6	1	2	4	8	5	6	12	25	7	18	7	8	9	8				
1970					2	46	78	40	14	9	3	4	4	12	1		6	7	6	5	6	8	9	21	20	2	3	4	6	17	10	5	6	11	
1971			2	6	18	24	27	40	13	10	6	11	3	17	12	12	24	4	8	5	10	3	14	24	18	6	12	6	12	6	1	8	3		
1972				2	4	19	26	65	18	14	7	31	7	16	10	11	8	3	10	2	10	16	12	3	11	15	15	4	1	11	2	10	3		
1973			5	13	49	39	19	34	15	4	11	39	5	6	1	1		3	2	5	8	3	9	14	11	8	13	11	3	16	10	5	3		
1974			2	13	6	11	23	40	27	24	7	19	9	8	25	29	2		1	6		7	16	14	15	7	16	19	10	9					
1975		4	17	15	28	47	16	27	26	10	3	6	5	8	2		5	10	1	1	8	11	22	19	8	9	18	7	6	6	7	10	3		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4017	100.0	12	230.0	49	1863	46.4	24	950	170	802	19.9
1	60.00	4	4017	100.0	13	250.0	107	1814	45.2	25	1100	81	632	15.7
2	68.00	26	4013	99.9	14	290.0	87	1707	42.5	26	1200	148	551	13.7
3	76.00	50	3987	99.3	15	320.0	86	1620	40.3	27	1400	80	403	10.0
4	86.00	172	3937	98.0	16	360.0	80	1534	38.2	28	1500	70	323	8.0
5	97.00	336	3765	93.7	17	410.0	39	1454	36.2	29	1700	115	253	6.2
6	110.00	344	3429	85.4	18	460.0	45	1415	35.2	30	2000	49	138	3.4
7	120.00	530	3085	76.8	19	520.0	55	1370	34.1	31	2200	47	89	2.2
8	140.00	280	2555	63.6	20	590.0	92	1315	32.7	32	2500	23	42	1.0
9	160.00	133	2275	56.6	21	660.0	131	1223	30.4	33	2800	19	19	.4
10	180.00	94	2142	53.3	22	750.0	139	1092	27.2	34	3200			
11	200.00	185	2048	51.0	23	840.0	151	953	23.7					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT BUENA VISTA, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1965	3190.0	1	3140.0	1	3010.0	1	2680.0	2	2320.0	1	1980.0	2	1690.0	2	1470.0	2	1110.0	2
1966	1580.0	11	1520.0	11	1360.0	11	1260.0	11	1150.0	11	1050.0	11	990.0	11	897.0	11	721.0	11
1967	2410.0	8	2350.0	8	2030.0	9	1590.0	10	1440.0	10	1400.0	9	1160.0	10	995.0	10	730.0	10
1968	2800.0	3	2690.0	3	2350.0	7	1850.0	7	1830.0	7	1450.0	8	1300.0	8	1150.0	8	845.0	8
1969	2140.0	9	2140.0	9	2090.0	8	1850.0	8	1660.0	8	1490.0	7	1310.0	7	1160.0	7	856.0	7
1970	3100.0	2	3030.0	2	2940.0	2	2720.0	1	2270.0	2	2130.0	1	1740.0	1	1510.0	1	1120.0	1
1971	2600.0	5	2570.0	5	2460.0	4	2260.0	5	1940.0	6	1590.0	5	1350.0	6	1200.0	5	935.0	5
1972	2590.0	6	2550.0	6	2460.0	5	2360.0	4	2040.0	3	1590.0	6	1370.0	5	1160.0	6	888.0	6
1973	2730.0	4	2640.0	4	2390.0	6	2190.0	6	2000.0	5	1680.0	4	1480.0	3	1320.0	3	937.0	4
1974	1950.0	10	1870.0	10	1700.0	10	1600.0	9	1490.0	9	1350.0	10	1290.0	9	1140.0	9	818.0	9
1975	2570.0	7	2540.0	7	2480.0	3	2370.0	3	2040.0	4	1710.0	3	1460.0	4	1290.0	4	976.0	3

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT BUENA VISTA, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1966	106.00	10	114.00	10	117.00	10	120.00	10	125.00	10	135.00	10	139.00	10	151.00	10	195.00	10
1967	90.00	7	93.00	7	94.00	7	95.00	6	103.00	6	110.00	6	113.00	6	115.00	7	125.00	3
1968	85.00	6	87.00	6	88.00	5	89.00	4	95.00	4	96.00	3	100.00	3	107.00	3	125.00	4
1969	93.00	8	94.00	8	95.00	8	96.00	7	97.00	5	101.00	4	103.00	4	108.00	4	126.00	5
1970	94.00	9	96.00	9	101.00	9	106.00	9	109.00	9	110.00	7	113.00	7	113.00	5	132.00	6
1971	70.00	2	79.00	4	84.00	3	88.00	3	93.00	3	101.00	5	108.00	5	114.00	6	159.00	8
1972	80.00	5	85.00	5	92.00	6	99.00	8	105.00	7	113.00	9	116.00	8	121.00	8	147.00	7
1973	70.00	3	73.00	2	79.00	2	84.00	2	91.00	2	94.00	2	95.00	2	97.00	2	123.00	2
1974	70.00	4	75.00	3	85.00	4	92.00	5	105.00	8	111.00	8	124.00	9	149.00	9	193.00	9
1975	60.00	1	62.00	1	67.00	1	70.00	1	74.00	1	88.00	1	93.00	1	95.00	1	112.00	1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
204	146	122	127	127	121	288	972	1588	1354	805	395
4065	848	631	2579	3747	817	25180	92110	96350	189500	26390	13140
63.8	29.1	25.1	50.8	61.2	28.6	159	303	310	435	162	115
1.17	1.83	1.83	2.86	3.03	1.64	0.77	1.14	0.41	1.12	-0.36	0.86
0.31	0.20	0.21	0.40	0.48	0.24	0.55	0.31	0.20	0.32	0.20	0.29
3.27	2.34	1.95	2.03	2.03	1.94	4.60	15.6	25.4	21.7	12.9	6.32

07087200 ARKANSAS RIVER AT BUENA VISTA, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
2.29	2.16	2.08	2.08	2.07	2.07	2.40	2.97	3.19	3.11	2.90	2.58
0.02	0.01	0.01	0.02	0.02	0.01	0.05	0.02	0.01	0.02	0.01	0.01
0.12	0.08	0.08	0.13	0.15	0.09	0.23	0.13	0.08	0.13	0.09	0.12
0.74	1.37	1.05	2.34	2.61	1.24	0.46	0.63	0.06	0.57	-0.62	0.54
0.05	0.04	0.04	0.06	0.07	0.04	0.10	0.04	0.03	0.04	0.03	0.05
7.66	7.21	6.95	6.96	6.93	6.93	8.03	9.93	10.7	10.4	9.68	8.63

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
523	3654	60.4	0.41	0.12	0.105

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.72	0.00	0.05	0.10	0.02	0.146

07089000 COTTONWOOD CREEK BELOW HOT SPRINGS, NEAR BUENA VISTA, COLO.

LOCATION.--Lat 38°48'46", long 106°13'18", in SE¼SE¼ sec.21, T.14 S., R.79 W., Chaffee County, on left bank 0.2 mi (0.3 km) downstream from Cottonwood Hot Springs, 0.9 mi (1.4 km) downstream from confluence of Middle Cottonwood and South Cottonwood Creeks, 2.9 mi (4.7 km) upstream from North Cottonwood Creek, and 5.5 mi (8.8 km) southwest of Buena Vista.

DRAINAGE AREA.--65 mi² (168 km²).

REMARKS.--Several small diversions above station for irrigation.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
COTTONWOOD C BL HOT SPRINGS, NR BUENA VISTA, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1912				62	21	8	33	1	25	4	48	13	25	11	9	8	4	9	3	3	3	10	16	13	14	20	3								
1913		15	10	49	66	22	7	21	12	4	14	22	31	20	18	10	3	1	4		5	6	12	11	2										
1914		1	18	33	33	40	7	43	17	2	7	8	11	16	13	10	11	8	3	1	6	5	11	13	29	10	4	4	1						
1915				44	47	43	23	8	12	19	36	36	17	9	7	7	4	15	1	4	4	3	6	3	6	4	4	3							
1916					77	51	22	24	5	27	10	18	16	9	15	12	10	11	4	13	5	10	4	6	5	1	1	5	5						
1917				2	49	47	34	31	34	27	34	21	8	4	4	4	5	6	2	7	5	6	3	3	6	5	3	9	5	1					
1918			8	57	52	44	30	30	15	16	17	13	8	7	4	8	8	9	3	10	2	2	1	1	4	6	1	2	2	5					
1919					73	38	48	48	38	18	12	11	4	14	4	3	6	3	3	7	10	9	5	9	2										
1920				2	88	47	53	34	13	12	4	14	14	5	7		5	7	6	3	7	5	8	7	7	14	2	2								
1921					3	116	26	24	50	11	10	4	11	21	10	5	6	5		3	9	8	9	2	7	12	3	3	2	4	1				
1922				6	112	45	39	19	20	10	14	16	10	8	7	5	7	3	4	6	10	4	6	2	4	6	2								
1923				1	132	43	39	1		2	3	9	6	17	15	12	2	9	10	4	10	11	5	8	4	6	11	5								
1950				12	47	54	54	38	25	22	23	23	4	10	5	5	9	4	6	5	5	5	7	2											
1951			1	66	128	19	5	14	7	12	9	10	12	10	8	13	7	6	6	6	6	7	5	3	2	3									
1952		1	35	5	22	58	65	19	2	9	8	8	10	4	14	11	15	22	6	6	5	4	6	5	5	4	2	7	6	2					
1953				11	79	49	35	47	25	15	7	8	7	4	6	6	7	10	7	5	10	5	7	4	1	6	2	2							
1954				14	80	44	47	51	35	7	7	7	10	13	15	22	4	4	4	1															
1955				76	82	33	15	18	13	10	6	9	7	20	18	17	9	6	2	3	6	3	6	5	1										
1956				69	38	64	36	34	11	12	12	11	10	6	12	2	2	7	2	6	4	9	2	7	5	2	1	2							
1957				47	80	37	44	20	6	4	1	7	6	2	5	12	4	7	6	10	7	4	3	4	4	8	5	7	6	5	2	4	2	4	2
1958					19	65	42	26	45	34	37	15	23	2	7	4	4	4	1	8	7	2	2	3	5	8	2								
1959				21	91	70	30	25	28	8	15	13	11	6	7	6	3	7	2	4	2	6	5	5											
1960			3	27	66	16	42	48	43	26	7	6	8	7	6	10	6	4	3	10	3	8	3	7	2	4	1								
1961			61	29	61	26	46	4	4		12	22	18	20	12	9	4	2	4	4	6	8	5	4	4										
1962				24	13	40	36	17	13	17	30	23	23	16	16	6	4	13	9	12	9	6	3	4	6	9	8	8							
1963					22	44	51	49	35	44	42	13	9	7	8	11	10	9	8	3															
1964			55	48	45	31	5	41	21	10	8	7	14	18	11	11	2	7	9	7	6	7	2	1											
1965			18	53	51	63	29	8	5	1	1	1	1	3	5	15	9	12	11	11	14	2	4	6	12	6	12	4	7	1					
1966					4	65	35	50	27	21	23	15	39	14	11	12	8	14	10	9	5	2	1												
1967				53	82	50	18	19	6	9	18	29	9	6	8	6	12	10	3	8	6	3	7	3											
1968				55	63	20	41	16	20	9	28	10	11	16	7	7	7	9	11	9	5	3	1	5	7	3	2	1							
1969				18	38	42	30	33	36	13	8	9	29	15	13	3	5	7	7	14	7	10	11	6	6	4	1								
1970			1	32	58	27	11	21	19	14	17	20	6	6	26	15	14	11	5	3	7	13	11	16	7	5									
1971					45	37	20	30	18	16	17	26	47	31	12	5	3	10	6	13	11	2	3	4	9										
1972						9	46	88	54	32	40	20	10	10	6	9	4	5	5	2	5	2	5	5	3	6									
1973				29	24	62	36	18	38	16	14	24	12	9	8	10	7	6	4	2	2	9	8	9	8	5	3	2							
1974			15	61	39	34	42	38	18	20	4	13	9	11	6	11	3	8	6	6	14	7													
1975			70	50	29	31	32	13	7	20	9	8	12	9	7	7	2	3	7	4	6	16	9	9	4	1									

07089000 COTTONWOOD CREEK BELOW HOT SPRINGS, NEAR BUENA VISTA, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
COTTONWOOD C BL HOT SPRINGS, NR BUENA VISTA, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	13879	100.0	12	53.0	514	3953	28.5	24	220	175	533	3.8
1	14.00	102	13879	100.0	13	60.0	408	3439	24.8	25	250	155	358	2.5
2	16.00	350	13777	99.3	14	67.0	379	3031	21.8	26	290	72	203	1.4
3	18.00	1008	13427	96.7	15	76.0	313	2652	19.1	27	320	64	131	.9
4	20.00	2094	12419	89.5	16	86.0	240	2339	16.9	28	360	34	67	.4
5	23.00	1617	10325	74.4	17	96.0	293	2099	15.1	29	410	18	33	.2
6	26.00	1213	8708	62.7	18	110.0	188	1806	13.0	30	460	3	15	.1
7	29.00	1063	7495	54.0	19	120.0	242	1618	11.7	31	520	4	12	
8	33.00	795	6432	46.3	20	140.0	244	1376	9.9	32	590	2	8	
9	37.00	524	5637	40.6	21	160.0	207	1132	8.2	33	660	4	6	
10	41.00	630	5113	36.8	22	180.0	203	925	6.7	34	750	2	2	
11	47.00	530	4483	32.3	23	200.0	189	722	5.2					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
COTTONWOOD C BL HOT SPRINGS, NR BUENA VISTA, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1912	300.0	20	300.0	17	286.0	13	273.0	12	256.0	11	232.0	5	202.0	4	167.0	4	121.0	4
1913	220.0	30	207.0	30	203.0	29	190.0	28	184.0	25	137.0	28	113.0	27	99.0	23	78.0	20
1914	360.0	8	327.0	11	309.0	11	284.0	10	265.0	8	240.0	4	217.0	2	184.0	3	135.0	2
1915	352.0	11	337.0	10	318.0	9	280.0	11	237.0	13	172.0	15	136.0	17	115.0	14	87.0	14
1916	389.0	7	389.0	7	376.0	6	328.0	7	261.0	10	195.0	12	161.0	11	140.0	10	106.0	10
1917	442.0	3	395.0	6	358.0	7	356.0	3	308.0	5	228.0	6	175.0	9	142.0	9	103.0	11
1918	442.0	4	434.0	3	411.0	3	348.0	5	264.0	9	183.0	13	140.0	14	115.0	15	86.0	15
1919	222.0	29	220.0	27	205.0	28	180.0	31	163.0	29	147.0	24	117.0	25	97.0	27	74.0	26
1920	320.0	15	312.0	14	286.0	14	263.0	13	251.0	12	205.0	10	163.0	10	135.0	12	98.0	12
1921	470.0	2	446.0	2	432.0	2	355.0	4	312.0	3	244.0	3	189.0	5	159.0	5	115.0	8
1922	305.0	17	294.0	18	277.0	18	241.0	18	208.0	19	158.0	18	122.0	20	105.0	20	78.0	21
1923	359.0	9	341.0	9	329.0	8	320.0	8	275.0	7	227.0	7	186.0	7	156.0	8	116.0	7
1950	200.0	34	196.0	33	194.0	32	178.0	32	154.0	32	117.0	32	94.0	34	80.0	34	61.0	34
1951	276.0	23	268.0	24	246.0	24	213.0	25	172.0	28	138.0	27	115.0	26	98.0	26	73.0	27
1952	434.0	5	410.0	4	391.0	4	369.0	2	309.0	4	224.0	8	183.0	8	158.0	6	117.0	6
1953	345.0	12	323.0	12	297.0	12	260.0	15	218.0	14	168.0	17	136.0	15	112.0	17	81.0	18
1954	121.0	38	119.0	38	114.0	38	100.0	38	89.0	38	80.0	38	71.0	38	61.0	38	49.0	38
1955	245.0	25	213.0	28	207.0	26	186.0	29	161.0	30	119.0	31	103.0	30	91.0	30	69.0	30
1956	325.0	13	315.0	13	282.0	15	250.0	16	211.0	18	155.0	19	122.0	21	102.0	21	75.0	22
1957	780.0	1	757.0	1	709.0	1	609.0	1	477.0	1	367.0	1	288.0	1	234.0	1	163.0	1
1958	319.0	16	304.0	16	279.0	16	263.0	14	215.0	16	154.0	20	119.0	24	99.0	24	75.0	23
1959	205.0	32	203.0	32	195.0	31	186.0	30	154.0	31	111.0	34	91.0	35	77.0	35	59.0	35
1960	303.0	18	289.0	19	263.0	20	223.0	23	199.0	22	149.0	23	120.0	22	99.0	25	75.0	24
1961	235.0	28	232.0	26	207.0	27	198.0	26	175.0	27	129.0	29	104.0	29	92.0	29	72.0	29
1962	358.0	10	342.0	8	314.0	10	309.0	9	288.0	6	223.0	9	187.0	6	158.0	7	118.0	5
1963	123.0	37	122.0	37	119.0	37	111.0	37	101.0	37	87.0	37	72.0	37	65.0	37	54.0	37
1964	202.0	33	178.0	34	173.0	34	163.0	33	137.0	34	115.0	33	97.0	32	84.0	32	63.0	32
1965	410.0	6	395.0	5	388.0	5	345.0	6	322.0	2	261.0	2	216.0	3	185.0	2	134.0	3
1966	181.0	35	172.0	35	159.0	35	140.0	35	127.0	35	107.0	35	94.0	33	82.0	33	63.0	33
1967	217.0	31	206.0	31	182.0	33	150.0	34	142.0	33	124.0	30	101.0	31	88.0	31	68.0	31
1968	320.0	14	307.0	15	278.0	17	229.0	21	205.0	20	144.0	25	129.0	18	110.0	18	81.0	19
1969	290.0	21	280.0	20	253.0	22	232.0	20	201.0	21	178.0	14	150.0	13	127.0	13	97.0	13
1970	275.0	24	271.0	21	261.0	21	242.0	17	217.0	15	196.0	11	159.0	12	139.0	11	107.0	9
1971	241.0	26	237.0	25	235.0	25	221.0	24	186.0	24	151.0	21	123.0	19	107.0	19	83.0	17
1972	279.0	22	270.0	22	266.0	19	237.0	19	196.0	23	141.0	26	111.0	28	93.0	28	73.0	28
1973	300.0	19	270.0	23	251.0	23	227.0	22	211.0	17	170.0	16	136.0	16	114.0	16	84.0	16
1974	155.0	36	152.0	36	142.0	36	129.0	36	127.0	36	103.0	36	86.0	36	73.0	36	55.0	36
1975	237.0	27	212.0	29	200.0	30	194.0	27	178.0	26	150.0	22	120.0	23	100.0	22	74.0	25

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
COTTONWOOD C BL HOT SPRINGS, NR BUENA VISTA, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1912	16.00	7	19.00	30	19.00	26	19.00	21	19.00	17	20.00	15	23.00	29	26.00	33	38.00	37
1913	14.00	1	14.00	1	16.00	3	17.00	6	18.00	9	19.00	8	20.00	12	20.00	8	24.00	13
1914	14.00	2	14.00	2	14.00	1	15.00	2	19.00	18	20.00	16	20.00	13	22.00	21	29.00	29
1915	14.00	3	18.00	20	18.00	11	19.00	22	19.00	19	20.00	17	20.00	14	21.00	13	28.00	27
1916	20.00	34	20.00	33	21.00	34	21.00	34	21.00	31	22.00	29	22.00	22	23.00	22	27.00	25
1917	19.00	28	20.00	34	21.00	35	21.00	35	22.00	35	23.00	33	24.00	33	26.00	34	31.00	31
1918	16.00	8	17.00	11	18.00	12	18.00	10	18.00	10	19.00	9	20.00	15	21.00	14	24.00	14
1919	17.00	14	17.00	12	18.00	13	19.00	23	19.00	20	22.00	30	23.00	30	24.00	28	26.00	22
1920	20.00	35	21.00	36	21.00	36	21.00	36	22.00	36	22.00	31	22.00	23	23.00	23	25.00	19
1921	19.00	29	19.00	31	20.00	32	20.00	30	21.00	32	24.00	34	24.00	34	25.00	29	28.00	26
1922	20.00	36	20.00	35	20.00	33	20.00	31	20.00	27	21.00	25	21.00	16	22.00	15	24.00	15
1923	19.00	30	19.00	32	19.00	27	20.00	32	20.00	28	20.00	18	21.00	17	22.00	16	23.00	8
1951	17.00	15	18.00	21	18.00	14	18.00	11	18.00	11	19.00	10	19.00	7	20.00	9	21.00	2
1952	15.00	5	16.00	5	16.00	4	16.00	3	16.00	2	20.00	19	22.00	24	23.00	24	24.00	16
1953	16.00	9	16.00	6	16.00	5	18.00	12	21.00	33	22.00	26	22.00	25	23.00	25	27.00	23
1954	18.00	19	18.00	22	18.00	15	19.00	24	20.00	29	20.00	20	21.00	18	22.00	17	25.00	17
1955	18.00	20	18.00	23	18.00	16	18.00	13	18.00	12	18.00	5	19.00	8	19.00	4	21.00	3

07089000 COTTONWOOD CREEK BELOW HOT SPRINGS, NEAR BUENA VISTA, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
COTTONWOOD C BL HOT SPRINGS, NR BUENA VISTA, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1956	18.00	21	18.00	24	18.00	17	18.00	14	18.00	13	19.00	11	20.00	9	21.00	10	23.00	9
1957	18.00	22	18.00	25	18.00	18	18.00	15	19.00	21	20.00	21	20.00	10	21.00	11	23.00	10
1958	19.00	31	19.00	26	19.00	28	19.00	25	20.00	22	24.00	35	24.00	35	26.00	35	32.00	32
1959	19.00	32	19.00	27	19.00	29	19.00	26	20.00	23	21.00	22	21.00	19	22.00	18	23.00	11
1960	17.00	16	17.00	13	18.00	19	18.00	16	18.00	14	19.00	12	20.00	11	21.00	12	26.00	20
1961	16.00	10	16.00	7	16.00	6	16.00	4	16.00	3	17.00	2	17.00	2	18.00	2	21.00	4
1962	17.00	17	17.00	14	18.00	20	19.00	27	20.00	24	22.00	27	23.00	31	25.00	30	33.00	33
1963	19.00	33	19.00	28	19.00	30	21.00	33	22.00	34	23.00	32	24.00	32	26.00	31	29.00	28
1964	16.00	11	16.00	8	17.00	8	17.00	7	17.00	5	17.00	3	18.00	4	19.00	5	22.00	5
1965	16.00	12	16.00	9	17.00	9	17.00	8	17.00	6	18.00	6	19.00	5	20.00	6	22.00	6
1966	18.00	23	18.00	15	18.00	21	18.00	17	21.00	30	25.00	36	26.00	36	29.00	36	37.00	36
1967	18.00	24	18.00	16	18.00	22	18.00	18	18.00	7	19.00	7	19.00	6	20.00	7	23.00	12
1968	18.00	25	18.00	17	18.00	23	19.00	28	19.00	15	20.00	13	21.00	20	22.00	19	26.00	21
1969	18.00	26	18.00	18	18.00	24	18.00	19	19.00	16	21.00	23	22.00	26	23.00	26	27.00	24
1970	19.00	27	19.00	29	19.00	31	19.00	29	20.00	25	21.00	24	22.00	27	24.00	27	30.00	30
1971	17.00	18	18.00	19	18.00	25	18.00	20	20.00	26	22.00	28	23.00	28	26.00	32	35.00	35
1972	22.00	37	23.00	37	24.00	37	26.00	37	27.00	37	28.00	37	29.00	37	30.00	37	33.00	34
1973	16.00	13	17.00	10	17.00	10	17.00	9	18.00	8	20.00	14	21.00	21	22.00	20	25.00	18
1974	15.00	6	15.00	4	16.00	7	16.00	5	16.00	4	17.00	4	17.00	3	18.00	3	22.00	7
1975	14.00	4	14.00	3	14.00	2	14.00	1	14.00	1	15.00	1	15.00	1	16.00	1	19.00	1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
37.6	30.0	26.0	23.0	21.1	19.9	22.9	75.9	198	118	64.3	45.1
145	39.7	16.9	10.4	7.32	6.02	20.7	565	3834	4704	732	229
12.0	6.30	4.11	3.22	2.71	2.45	4.55	23.8	61.9	68.6	27.1	15.1
1.24	1.01	0.57	0.66	0.28	0.42	1.06	0.23	0.18	1.93	1.28	1.25
0.32	0.21	0.16	0.14	0.13	0.12	0.20	0.31	0.31	0.58	0.42	0.34
5.51	4.40	3.82	3.38	3.10	2.92	3.37	11.1	29.0	17.3	9.43	6.61

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.56	1.47	1.41	1.36	1.32	1.30	1.35	1.86	2.27	2.02	1.78	1.63
0.02	0.01	0.00	0.00	0.00	0.00	0.01	0.02	0.02	0.05	0.03	0.02
0.13	0.09	0.07	0.06	0.06	0.05	0.08	0.14	0.15	0.22	0.17	0.13
0.57	0.61	0.20	0.21	-0.18	-0.06	0.58	-0.40	-0.71	0.55	0.46	0.48
0.08	0.06	0.05	0.04	0.04	0.04	0.06	0.08	0.07	0.11	0.09	0.08
8.05	7.60	7.30	7.03	6.84	6.71	7.00	9.62	11.8	10.4	9.19	8.45

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
56.9	180	13.4	0.80	0.24	-0.090

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.74	0.01	0.10	0.37	0.06	-0.031

07090000 CHALK CREEK (UPPER STATION) NEAR ST. ELMO, COLO.

LOCATION.--Lat 38°42'50", long 106°19'00", in sec.27, T.15 S., R.80 W., Chaffee County, 0.3 mi (0.5 km) downstream from powerplant of Tin Cup Gold Dredging Co., 0.3 mi (0.5 km) upstream from Coal Creek, 1.1 mi (1.8 km) downstream from Grizzly Gulch, and 1.2 mi (1.9 km) east of St. Elmo.

DRAINAGE AREA.--48 mi^2 (124 km^2).

REMARKS.--No diversions above station for irrigation. Low flow partially regulated by small reservoir above diversion dam for powerhouse of Tin Cup Gold Dredging Co.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHALK CREEK (UPPER STATION) NEAR ST. ELMO, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1914		1	82	26	51	4	4	9	40	9	9	9	3	4	1	6	4	7	4	4	10	9	9	7	12	6	5	4	10	7	5	3	1		
1915		30	75	10	41	2	13	20	22	29	8	8	5	6	2	10	8	8	4	4	4	8	11	3	6	7	6	4	8	3					
1916		14	38	28	58	14	13	13	15	8	4	8	7	8	8	4	7	6	9	11	16	10	9	3	8	9	13	11	3	8	3				
1917				23	60	59	14	9	4	20	27	27	9	8	3	3	6	2	4	3	11	6	9	2	6	7	5	4	5	3	4	8	7	5	2
1918			59	47	28	25	28	13	5	6		16	9	16	14	6	5	6	8	4	11	5	6	2	2	7	3	2	6	8	4	5	5	4	
1919			17	44	22	21	25	20	7	24	12	36	14	13	5	6	7	9	11	6	4	3	10	10	8	6	8	4	6	4	3				

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHALK CREEK (UPPER STATION) NEAR ST. ELMO, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2191	100.0	12	28.0	47	778	35.5	24	120	42	283	12.9
1	7.00	45	2191	100.0	13	31.0	55	731	33.4	25	140	42	241	10.9
2	7.90	271	2146	97.9	14	35.0	33	676	30.9	26	160	40	199	9.0
3	9.00	178	1875	85.6	15	40.0	35	643	29.3	27	180	29	159	7.2
4	10.00	260	1697	77.5	16	46.0	37	608	27.7	28	200	38	130	5.9
5	12.00	125	1437	65.6	17	52.0	38	571	26.1	29	230	33	92	4.1
6	13.00	97	1312	59.9	18	58.0	40	533	24.3	30	260	19	59	2.6
7	15.00	84	1215	55.5	19	66.0	32	493	22.5	31	300	16	40	1.8
8	17.00	93	1131	51.6	20	75.0	56	461	21.0	32	340	13	24	1.0
9	19.00	96	1038	47.4	21	85.0	41	405	18.5	33	380	9	11	.5
10	22.00	60	942	43.0	22	96.0	54	364	16.6	34	430	2	2	
11	24.00	104	882	40.3	23	110.0	27	310	14.1					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHALK CREEK (UPPER STATION) NEAR ST. ELMO, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1914	357.0	3	337.0	3	292.0	3	244.0	3	235.0	3	183.0	3	155.0	3	129.0	3	90.0	4
1915	235.0	6	232.0	6	229.0	6	211.0	6	183.0	6	141.0	6	111.0	6	92.0	6	66.0	6
1916	273.0	5	265.0	5	260.0	4	242.0	4	213.0	4	168.0	4	146.0	4	127.0	4	93.0	3
1917	432.0	1	430.0	1	415.0	1	384.0	1	332.0	1	244.0	1	192.0	1	153.0	1	108.0	1
1918	419.0	2	414.0	2	387.0	2	350.0	2	288.0	2	214.0	2	163.0	2	130.0	2	95.0	2
1919	278.0	4	275.0	4	244.0	5	218.0	5	183.0	5	153.0	5	125.0	5	104.0	5	76.0	5

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHALK CREEK (UPPER STATION) NEAR ST. ELMO, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1915	7.00	1	7.00	1	7.00	1	7.00	1	7.10	1	7.50	1	7.70	1	8.30	1	10.00	1
1916	7.00	2	7.00	2	7.10	2	7.60	2	7.60	2	8.10	3	8.60	3	8.90	3	11.00	3
1917	9.00	5	9.00	5	9.00	5	9.20	5	9.40	5	9.80	5	10.00	5	11.00	4	13.00	4
1918	8.00	3	8.00	3	8.00	3	8.00	3	8.00	3	8.00	2	8.30	2	8.80	2	10.00	2
1919	8.50	4	8.50	4	8.50	4	8.70	4	8.90	4	9.10	4	9.80	4	11.00	5	15.00	5

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
19.4	12.5	10.8	9.01	8.27	9.73	19.1	105	222	107	47.5	26.4
17.0	5.76	1.46	1.76	0.99	3.06	36.6	970	3818	1449	171	63.2
4.13	2.40	1.21	1.33	1.00	1.75	6.05	31.1	61.8	38.1	13.1	7.95
0.52	1.75	1.25	1.11	0.51	1.31	1.28	-0.45	0.18	1.54	-0.26	1.19
0.21	0.19	0.11	0.15	0.12	0.18	0.32	0.30	0.28	0.36	0.28	0.30
3.25	2.10	1.81	1.51	1.39	1.63	3.20	17.5	37.3	17.9	7.96	4.43

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.28	1.09	1.03	0.95	0.91	0.98	1.26	2.00	2.33	2.01	1.66	1.41
0.01	0.01	0.00	0.00	0.00	0.01	0.02	0.02	0.02	0.02	0.02	0.02
0.09	0.08	0.05	0.06	0.05	0.07	0.13	0.14	0.12	0.14	0.13	0.12
0.34	1.49	1.22	0.97	0.31	1.01	0.83	-0.63	-0.27	1.07	-0.58	0.71
0.07	0.07	0.05	0.06	0.06	0.08	0.10	0.07	0.05	0.07	0.08	0.09
7.56	6.45	6.09	5.62	5.40	5.81	7.47	11.8	13.8	11.9	9.82	8.31

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
49.8	57.9	7.61	-0.25	0.15	0.024

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.69	0.00	0.07	-0.62	0.04	-0.009

07090500 CHALK CREEK NEAR ST. ELMO, COLO.

LOCATION.--Lat 38°42'46", long 106°14'06", in SW¼ sec.28, T.15 S., R.79 W., Chaffee County, at highway bridge just downstream from cascades of Chalk Creek, 6.0 mi (9.7 km) east of St. Elmo.

DRAINAGE AREA.--83 mi^2 (215 km^2).

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHALK CREEK NEAR ST. ELMO, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1912				35	35	3	45	2	29	2	18	11	20	10	13	6	9	3	6	16	3	3	8	5	8	5	7	3	15	20	8	8	3	5	2
1913		41		62	9	6	8	8	30	23	12	5	6	9	7	15	12	8	11	17	7	6	9	5		10	7	7	12	11	2				
1914							125	24	17	12	23	4	2	10	13	12	5	7	8	9	7	2	8	1	4	21	5	14	9	2	17	2	2		
1915							58	32	40	24	19	8	39	31	12	14	5	12	3	5	2	10	11	6	8	5	1	4	5	6	5				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1461	100.0	12	34.0	67	691	47.3	24	170	20	243	16.6
1	8.00	41	1461	100.0	13	39.0	60	624	42.7	25	190	41	223	15.2
2	9.10	0	1420	97.2	14	44.0	45	564	38.6	26	220	20	182	12.4
3	10.00	97	1420	97.2	15	51.0	47	519	35.5	27	250	28	162	11.0
4	12.00	44	1323	90.6	16	58.0	31	472	32.3	28	280	41	134	9.1
5	14.00	9	1279	87.5	17	66.0	30	441	30.2	29	320	39	93	6.3
6	15.00	236	1270	86.9	18	75.0	28	411	28.1	30	370	32	54	3.6
7	18.00	66	1034	70.8	19	86.0	47	383	26.2	31	420	10	22	1.5
8	20.00	116	968	66.3	20	98.0	19	336	23.0	32	480	5	12	.8
9	23.00	61	852	58.3	21	110.0	21	317	21.7	33	540	5	7	.4
10	26.00	72	791	54.1	22	130.0	36	296	20.3	34	620	2	2	.1
11	30.00	28	719	49.2	23	150.0	17	260	17.8					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHALK CREEK NEAR ST. ELMO, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1912	621.0	1	614.0	1	588.0	1	520.0	1	451.0	1	381.0	1	315.0	1	253.0	1	176.0	1
1913	380.0	4	375.0	3	365.0	3	341.0	3	306.0	3	249.0	3	203.0	3	170.0	3	125.0	3
1914	480.0	2	445.0	2	405.0	2	379.0	2	353.0	2	291.0	2	254.0	2	210.0	2	149.0	2
1915	382.0	3	361.0	4	350.0	4	332.0	4	278.0	4	208.0	4	166.0	4	137.0	4	101.0	4

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHALK CREEK NEAR ST. ELMO, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1912	10.00	3	10.00	3	10.00	3	10.00	3	10.00	2	11.00	2	13.00	2	15.00	2	36.00	5
1913	8.00	1	8.70	1	8.90	1	8.90	1	9.40	1	9.60	1	9.70	1	11.00	1	16.00	1
1914	8.00	2	8.70	2	8.90	2	9.60	2	16.00	4	16.00	4	17.00	4	17.00	3	21.00	2
1915	15.00	4	15.00	4	15.00	4	15.00	4	15.00	3	15.00	3	16.00	3	17.00	4	22.00	3
1916	20.00	5	20.00	5	21.00	5	22.00	5	22.00	5	23.00	5	23.00	5	24.00	5	26.00	4

07091000 CHALK CREEK NEAR NATHROP, COLO.

LOCATION.--Lat 38°44'01", long 106°09'34", in NW¼ sec.19, T.15 S., R.78 W., Chaffee County, 200 ft (61 m) upstream from county highway bridge at Mount Princeton Hot Springs, 4.6 mi (7.4 km) west of Nathrop, and 5.5 mi (8.9 km) upstream from mouth.

DRAINAGE AREA.--97 mi^2 (251 km^2).

REMARKS.--Several small diversions above station for irrigation.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHALK CREEK NEAR NATHROP, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1950		5	1	3	3	4	22	46	34	13	5	12	5	4	8	3	5	8	16	9	3	6	3	5	2	7	5		2						
1951		18	14	5	0	6	13	12	4	11	16	10	5	6	6	5	9	7	2	3	7	7	5	3	2	2	3	3	5						
1952		17	6	4	10	0	27	2	2	4	5	4	10	6	11	7	15	12	9	3	4	6	9	3	4	4	9	3	11	1	3	1	2	2	5	1
1953		44	5	0	4	8	37	26	25	25	16	7		1	1	3	8	5	8	8	2	15	8	5	4	8	2	3	4	1	1					
1954		1	9	7	6	1	6	31	26	27	10	12	11	5	5	9	8	16	21		4	5														
1955		13	12	7	1	0	12	14	20	20	19	19	12	6	8	11	9	9	14	6	8	4	6	5	4	7	1	1								
1956			4	7	1	1	2	3	2	4	7	8	10	12	12	2	7	3	12	7	4	1	2	5	3	2	3	7	7	2	12		2			

07091000 CHALK CREEK NEAR NATHROP, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHALK CREEK NEAR NATHROP, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2557	100.0	12	58.0	46	608	23.8	24	240	26	94	3.6
1	16.00	98	2557	100.0	13	66.0	42	562	22.0	25	270	12	68	2.6
2	18.00	663	2459	96.2	14	74.0	62	520	20.3	26	300	32	56	2.1
3	20.00	385	1796	70.2	15	83.0	66	458	17.9	27	340	7	24	.9
4	23.00	153	1411	55.2	16	94.0	79	392	15.3	28	380	6	17	.6
5	26.00	156	1258	49.2	17	110.0	29	313	12.2	29	430	1	11	.4
6	29.00	146	1102	43.1	18	120.0	26	284	11.1	30	490		10	.3
7	32.00	101	956	37.4	19	130.0	48	258	10.1	31	550	2	10	.3
8	36.00	76	855	33.4	20	150.0	36	210	8.2	32	610	2	8	.3
9	41.00	82	779	30.5	21	170.0	25	174	6.8	33	690	5	6	.2
10	46.00	60	697	27.3	22	190.0	20	149	5.8	34	780	1	1	
11	52.00	29	637	24.9	23	210.0	35	129	5.0					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHALK CREEK NEAR NATHROP, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1950	312.0	5	294.0	5	251.0	5	233.0	5	199.0	5	155.0	5	126.0	5	104.0	6	77.0	6
1951	370.0	4	356.0	4	328.0	4	255.0	4	231.0	4	168.0	4	134.0	4	111.0	4	80.0	4
1952	823.0	1	779.0	1	725.0	1	601.0	1	451.0	1	317.0	1	251.0	1	208.0	1	148.0	1
1953	422.0	2	368.0	3	329.0	3	281.0	3	237.0	3	181.0	3	152.0	3	122.0	3	88.0	3
1954	138.0	7	137.0	7	133.0	7	120.0	7	109.0	7	97.0	7	81.0	7	67.0	7	55.0	7
1955	285.0	6	253.0	6	232.0	6	206.0	6	183.0	6	135.0	6	118.0	6	104.0	5	78.0	5
1956	420.0	3	392.0	2	355.0	2	327.0	2	284.0	2	204.0	2	156.0	2	128.0	2	92.0	2

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHALK CREEK NEAR NATHROP, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1951	17.00	5	17.00	4	17.00	4	18.00	6	18.00	4	18.00	1	19.00	2	19.00	2	19.00	1
1952	17.00	6	17.00	5	17.00	5	17.00	3	18.00	5	19.00	5	19.00	3	19.00	3	20.00	2
1953	16.00	1	16.00	1	16.00	1	17.00	4	17.00	1	18.00	2	19.00	4	20.00	6	23.00	5
1954	16.00	2	16.00	2	16.00	2	16.00	1	18.00	2	19.00	6	19.00	5	19.00	4	22.00	3
1955	17.00	3	18.00	6	18.00	6	18.00	5	18.00	3	18.00	3	18.00	1	18.00	1	23.00	6
1956	17.00	4	17.00	3	17.00	3	17.00	2	19.00	6	19.00	4	20.00	6	20.00	5	22.00	4

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
28.5	23.7	19.9	19.6	19.0	18.1	20.4	97.9	228	92.0	56.4	34.9
37.7	6.91	1.47	0.93	0.37	0.23	7.40	1010	12020	1124	525	52.2
6.14	2.63	1.21	0.97	0.61	0.48	2.72	31.8	110	33.5	22.9	7.22
0.15	-0.58	0.01	-0.13	-0.65	-0.04	0.76	0.35	1.46	1.12	-0.16	1.08
0.22	0.11	0.06	0.05	0.03	0.03	0.13	0.32	0.48	0.36	0.41	0.21
4.33	3.60	3.03	2.97	2.89	2.75	3.09	14.9	34.6	14.0	8.56	5.30

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.45	1.37	1.30	1.2[illegible]	1.28	1.26	1.31	1.97	2.32	1.94	1.72	1.54
0.01	0.00	0.00	0.0	0.00	0.00	0.00	0.02	0.04	0.02	0.04	0.01
0.10	0.05	0.03	[illegible]	0.01	0.01	0.06	0.14	0.20	0.15	0.20	0.09
-0.24	-0.70	-0.02	-0.08	-0.08	-0.35	0.61	-0.08	-0.12	0.43	-0.55	0.84
0.07	0.04	0.02	0.02	0.01	0.01	0.04	0.07	0.09	0.08	0.12	0.06
7.72	7.33	6.93	6.89	6.83	6.71	6.97	10.5	12.4	10.4	9.16	8.20

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
54.9	203	14.2	1.62	0.26	-0.033

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.73	0.01	0.10	0.95	0.06	-0.010

07091200 ARKANSAS RIVER NEAR NATHROP, COLO.

LOCATION.--Lat 38°39'08", long 106°03'02", in SE¼SW¼ sec.23, T.51 N., R.8 E., Chaffee County, on right bank 300 ft (91 m) upstream from end of Chaffee County road 60, in Browns Canyon, 3.7 mi (5.9 km) downstream from Browns Creek, 6.7 mi (10.8 km) south of Nathrop, and 9 mi (14 km) north of Salida.

DRAINAGE AREA.--1,060 mi² (2,745 km²).

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs, power developments, diversions for irrigation of about 15,000 acres (60.7 km²), and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER NEAR NATHROP, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1965					4	25	19	76	50	23	5	2	1		1		8	7	11	15	18	8	4	15	7	6	6	7	5	19	10	3	4	5	1
1966					1	4	14	36	37	18	26	26	23	15	10	12	8	12	29	24	7	12	18	15	5	11	2								
1967						6	60	110	36	9	2	2	6	14	11	8	4	11	8	8	10	9	3	17	7	7	5	8	2	2					
1968					9	30	32	58	32	32	14	7	9	9	2	2	4	6	12	10	13	21	6	10	4	9	9	8	4	8	5	1			
1969						51	51	37	34	29	7	14	15	6	2	2	1	7	3	5	5	13	9	13	10	19	11	11	4	6					
1970					3	32	50	31	33	16	17	23	8	1			4	7	8	8	12	17	19	14	2	4	7	11	10	12	5	5	6		
1971							6	46	46	14	20	22	12	26	15	13	13	15	6	12	8	21	9	10	7	10	12	8	3	6	5				
1972			1		4	5	25	40	43	23	21	43	23	9	5	10	2	9	17	11	1	3	10	22	4	8	1	6	6	9	5				
1973		2	31	11	41	29	17	19	11	28	26	22	3	1	1	1	6	2	6	13	11	6	6	19	5	5	6	13	8	8	7	1			
1974						12	10	68	43	20	23	9	19	35	5	1	5	2	3	14	14	8	14	8	11	28	8	5							
1975				3	15	47	30	43	21	23	12	8	6	8	6	6	2	5	13	16	19	10	5	10	10	11	7	6	3	7	9	4			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4017	100.0	12	370.0	125	1801	44.8	24	1400	72	545	13.5
1	110.00	2	4017	100.0	13	410.0	124	1676	41.7	25	1500	118	473	11.7
2	120.00	32	4015	100.0	14	460.0	58	1552	38.6	26	1700	74	355	8.8
3	140.00	14	3983	99.2	15	510.0	55	1494	37.2	27	1900	83	281	6.9
4	150.00	77	3969	98.8	16	570.0	57	1439	35.8	28	2200	45	198	4.9
5	170.00	241	3892	96.9	17	640.0	83	1382	34.4	29	2400	77	153	3.8
6	190.00	314	3651	90.9	18	720.0	116	1299	32.3	30	2700	46	76	1.8
7	210.00	564	3337	83.1	19	800.0	136	1183	29.4	31	3000	14	30	.7
8	240.00	386	2773	69.0	20	890.0	118	1047	26.1	32	3300	10	16	.3
9	270.00	235	2387	59.4	21	1000.0	128	929	23.1	33	3700	5	6	.1
10	300.00	173	2152	53.6	22	1100.0	103	801	19.9	34	4200	1	1	
11	330.00	178	1979	49.3	23	1200.0	153	698	17.4					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER NEAR NATHROP, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1965	4260.0	1	4170.0	1	3930.0	1	3540.0	1	3060.0	1	2670.0	1	2230.0	1	1920.0	1	1460.0	1
1966	1880.0	11	1780.0	11	1560.0	11	1430.0	11	1330.0	11	1210.0	11	1140.0	11	1040.0	11	846.0	10
1967	2620.0	8	2540.0	9	2220.0	9	1710.0	9	1590.0	10	1530.0	9	1270.0	10	1110.0	10	830.0	11
1968	3090.0	4	2990.0	4	2830.0	4	2320.0	7	2290.0	6	1760.0	8	1620.0	5	1420.0	5	1060.0	6
1969	2590.0	9	2560.0	8	2460.0	8	2190.0	8	1990.0	8	1820.0	7	1620.0	6	1420.0	6	1040.0	7
1970	3500.0	2	3450.0	2	3380.0	2	3120.0	2	2680.0	2	2410.0	2	1990.0	2	1750.0	2	1330.0	2
1971	2970.0	6	2940.0	6	2820.0	5	2600.0	5	2230.0	7	1850.0	5	1570.0	7	1400.0	7	1090.0	4
1972	2970.0	7	2920.0	7	2810.0	6	2690.0	4	2340.0	5	1840.0	6	1540.0	8	1300.0	8	1010.0	8
1973	3230.0	3	2990.0	5	2800.0	7	2490.0	6	2390.0	4	1990.0	4	1710.0	4	1520.0	3	1090.0	5
1974	2180.0	10	2130.0	10	1920.0	10	1670.0	10	1630.0	9	1490.0	10	1410.0	9	1250.0	9	925.0	9
1975	3070.0	5	3060.0	3	3000.0	3	2860.0	3	2480.0	3	2040.0	3	1730.0	3	1510.0	4	1150.0	3

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER NEAR NATHROP, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1966	168.00	8	174.00	7	185.00	8	197.00	10	204.00	9	220.00	8	233.00	8	258.00	10	321.00	10
1967	183.00	10	185.00	10	189.00	9	193.00	8	201.00	7	209.00	7	210.00	6	216.00	6	223.00	4
1968	163.00	5	167.00	5	168.00	4	170.00	3	180.00	3	189.00	4	199.00	4	211.00	4	238.00	5
1969	167.00	6	174.00	8	176.00	5	179.00	4	180.00	4	184.00	2	188.00	2	198.00	3	222.00	3
1970	167.00	7	171.00	6	177.00	7	181.00	6	183.00	5	188.00	3	200.00	5	212.00	5	251.00	6
1971	171.00	9	178.00	9	194.00	10	196.00	9	221.00	10	233.00	10	236.00	10	251.00	8	320.00	9
1972	130.00	2	152.00	3	165.00	3	179.00	5	192.00	6	205.00	6	220.00	7	229.00	7	265.00	7
1973	110.00	1	115.00	1	120.00	1	121.00	1	131.00	1	139.00	1	151.00	1	158.00	1	209.00	1
1974	157.00	4	165.00	4	176.00	6	185.00	7	204.00	8	223.00	9	235.00	9	256.00	9	296.00	8
1975	140.00	3	140.00	2	154.00	2	166.00	2	177.00	2	191.00	5	193.00	3	195.00	2	221.00	2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
331	290	243	226	223	207	353	1079	1903	1604	974	523
10350	2445	1790	3805	3799	1321	22760	95830	139100	357800	50820	28140
102	49.4	42.3	61.7	61.6	36.4	151	310	373	598	225	168
1.37	0.50	0.70	1.60	2.51	1.11	0.70	1.02	-0.22	1.32	0.14	1.31
0.31	0.17	0.17	0.27	0.28	0.18	0.43	0.29	0.20	0.37	0.23	0.32
4.16	3.65	3.06	2.84	2.80	2.60	4.44	13.6	23.9	20.2	12.2	6.57

07091200 ARKANSAS RIVER NEAR NATHROP, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
2.50	2.46	2.38	2.34	2.34	2.31	2.51	3.02	3.27	3.18	2.98	2.70
0.01	0.01	0.01	0.01	0.01	0.01	0.03	0.01	0.01	0.02	0.01	0.02
0.12	0.07	0.07	0.11	0.10	0.07	0.18	0.12	0.09	0.15	0.10	0.13
1.00	0.15	0.05	0.37	1.77	0.97	0.47	0.57	-0.47	0.61	-0.22	0.85
0.05	0.03	0.03	0.05	0.04	0.03	0.07	0.04	0.03	0.05	0.03	0.05
7.83	7.68	7.44	7.32	7.30	7.22	7.86	9.43	10.2	9.94	9.31	8.44

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
665	8200	90.6	0.77	0.14	-0.017

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.82	0.00	0.06	0.39	0.02	0.012

07091500 ARKANSAS RIVER AT SALIDA, COLO.

LOCATION.--Lat 38°32'45", long 106°00'36", in NE¼ sec.31, T.50 N., R.9 E., Chaffee County, on right bank at Salida, 450 ft (140 m) upstream from bridge on State Highway 291, and 2.7 mi (4.3 km) upstream from South Arkansas River.

DRAINAGE AREA.--1,218 mi² (3,155 km²).

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs (combined capacity, 193,900 acre-ft or 239 hm³), diversions for irrigation of about 18,000 acres (72.8 km²) above station, and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT SALIDA, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1910					17	50	33	15	43	74	26	17	9	4	4	2	4	3	7	11	17	11	6	6	6										
1911				12	59	69	48	13	4	2	14	12	7	3	12	10	10	12	17	9	7	7	11	6	15	6									
1912				3	61	60	17	18	13	17	20	20	19	18	7	13	6	1	7	4	9	7	18	15	7	3	3								
1913					30	67	25	19	20	41	30	29	9	5	5	6	4	14	20	31	8	2													
1914						26	92	40	31	23	21	13		4	9	6	10	8	3	4	15	13	18	9	9	8	3								
1915			1	2	28	58	20	45	16	33	32	38	15	11	7	7	8	11	6	7	4	4	2	4	6										
1916					5	36	50	63	16	17	9	14	15	18	12	10	10	6	8	6	12	7	10	21	14	7									
1917					5	53	56	45	23	33	20	12	12	4	12	7	12	6	10	3	4	6	5	4	7	4	7	8	7						
1918				4	63	26	55	52	12	6	6	13	10	21	4	13	8	3	8	9	13	11	2	3	6	2	2	5	4	4					
1919					59	61	25	9	18	27	7	26	15	18	13	15	9	1	8	9	12	16	10	5	2										
1920				5	7	39	28	49	17	51	24	18	16	3	3	7	7	5	14	16	11	6	1	4	26	8	1								
1921					5	67	38	53	17	30	14	9	18	9	8	13	6	9	13	3	5	4	11	11	14	2	4	2							
1922						11	57	50	34	54	18	14	16	6	8	9	13	9	3	4	11	7	15	18	8										
1923						76	54	63	15			2	6	20	17	19	3	7	14	10	11	11	6	28	3										
1924						17	78	39	33	20	8	30	21	7	4	5	18	19	17	2	12	13	8	1	3	3	2	2	3	1					
1925					30	67	44	48	24	11	18	9	8	21	12	12	11	8	16	14	10	2													
1926					33	79	21	34	23	30	8	16	10	9	7	3	4	5	15	24	21	11	4	7	1										
1927						87	37	78	5	3	3	8	16	22	14	8	6	3	8	4	16	14	10	18	2	2	1								
1928						6	76	43	26	32	31	26	4	3	6	8	9	24	15	13	18	10	8	3	3	2									
1929					56	58	19	52	3	4	6	6	4	11	29	18	11	8	21	14	13	7	11	10	4										
1930					17	61	30	14	34	17	25	15	17	22	17	13	14	21	18	9	3	9	6	3											
1931				7	82	59	41	55	43	12	7	7	4	6	18	9	6	5	4																
1932			5	28	115	60	11	14	9	6	3	3	12	10	8	4	5	4	8	24	15	7	12	3											
1933				52	94	22	45	43	8	13	6	9	4	3	4	8	5	6	5	5	8	5	2	10	8										
1934				23	53	79	58	37	24	15	12	18	11	3	1	3	3	6	12	6	1														
1935			9	32	70	86	27	9	10	4	7	10	3	10	8	5	10	1	10	11	8	11	8	7	2	7									
1936					25	93	29	17	30	14	8	5	4	2	4	12	14	13	16	17	18	10	9	12	14										
1937				10	31	72	42	28	27	25	14	2	14	9	10	16	11	12	17	4	10	8	3												
1938				10	43	101	37	7	3	7	9	16	14	13	14	16	8	2	14	4	9	4	3	16	10	4	1								
1939					24	55	43	54	33	25	6	7	8	11	7	6	11	14	20	15	10	6	5	5											
1940		5	11	30	129	45	24	21	6	8	7	2	13	8	9	19	11	7	8	3															
1941				12	82	77	21	25	11	12	5	6	5	9	15	10	7	12	18	16	6	3	1	2	2	3	5								
1942					15	48	55	40	39	25	21	18	7	11	10	3	7	4	3	11	13	11	2	7	8	5	2								
1943					1	42	98	27	17	7	6	7	13	15	8	11	10	8	27	23	14	3	7	8	12	1									
1944					44	73	30	52	32	7	2	12	5	10	11	14	12	12	20		4	1	3	11	8	3									
1945				2	79	90	31	1	3	3	1	9	14	22	18	14	18	9	15	14	10	5	2	5											
1946					26	93	21	56	19	7	5	7	14	18	8	10	8	24	23	4	5	2	1	2	11	1									
1947				5	89	36	39	27	5	1	6	11	13	11	6	18	9	13	11	14	5	4	6	9	10	12	2	1	2						
1948					9	35	73	30	27	32	11	9	7	22	7	9	8	8	18	13	11	7	7	5	3	4	4	7							
1949						69	66	39	26	8	4	6	9	16	6	20	4	11	10	16	12	10	2	5	5	11	4	4	2						
1950					7	74	49	47	46	20	15	9	4	4	5	10	14	9	13	11	11	5	3	1	6	2									

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT SALIDA, CO.

NUMBER OF DAYS IN CLASS

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1951					14	142	40	14	12	3	4	5	5	9	12	10	5	4	16	20	20	9	3	12	6										
1952						32	72	66	13	5	11	9	11	8	6	11	5	9	18	6	19	14	12	11	6	10	7	4	1						
1953					22	29	45	66	60	27	8	5	2	6	7	11	10	5	2	4	7	11	16	9	3	3	3	3	1						
1954				2	28	29	56	74	42	37	9	3	15	17	9	8	13	4	8	3	3	5													
1955					9	104	56	33	36	13	8	4	6	8	13	22	13	10	13	4	8	5													
1956					27	86	89	25	16	3	1	9	9	19	6	10	13	13	5	3	1	3	5	9	9	3	2								
1957			2	21	33	65	71	15	8	5	4	14	10	6	3	5	3	3	15	15	4	6	4	4	7	8	4	3	4	7	6	1	3	4	2
1958							31	93	21	29	41	18	2	3	17	16	25	18	9	7	4	5	4	4	1	4	4	2	5	2					
1959			1	12	59	80	54	15	12	11	15	16	20	16	15	7	6	1	2	4	3	2	4	5	5										
1960				9	47	28	20	37	25	40	12	18	6	2	13	16	25	9	14	16	2	6	7	2	6	6									
1961					18	105	40	32	16	14	8	11	6	3	5	30	21	12	12	9	7	5	6	4	1										
1962							28	74	20	11	8	26	7	25	31	9	6	16	32	16	9	6	8	8	12	8	5								
1963			1	2	2	6	7	40	47	70	40	21	16	14	12	15	25	24	8	10	2	3													
1964			1	10	29	82	57	44	13	19	4	2	1		6	15	19	14	14	14	11	4	1	5	1										
1965						37	40	102	24	2		1		8	8	13	17	21	7	13	8	8	2	7	17	11	10	3	6						
1966						10	43	36	47	16	22	33	14	11	14	32	18	6	26	16	8	6	5	1	1										
1967					5	43	70	76	30	7	14	11	10	5	11	11	5	8	12	18	11	6	4	6	2										
1968				3	44	42	44	50	31	7	12	3	2	10	15	6	5	10	23	14	9	8	11	7	10										
1969					23	46	43	63	31	12	19	5	5	10	3	3	2	6	22	17	20	13	5	10	7										
1970					12	70	37	31	20	16	17	11		2	11	11	4	10	37	13	3	6	5	15	14	6	12	2							
1971					10	41	31	31	19	29	24	21	11	20	11	9	11	19	25	6	11	12	8	5	7	4									
1972				1	34	60	26	25	28	52	13	8	7	8	11	17	2	1	25	18	3	2	4	7	10	4									
1973			1	13	80	38	33	52	16	4	4	4	4	2	1	9	14	9	10	19	12	3	3	7	16	5	3	3							
1974				13	6	30	33	62	34	10	35	21		5	4	8	18	11	19	9	30	9	4	2	2										
1975			2	18	68	47	22	20	21	14	5	8	5	9	11	21	14	12	7	15	14	4	2	4	7	6	9								

CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	24106	100.0
1	124.00	5	24106	100.0
2	140.00	34	24101	100.0
3	160.00	341	24067	99.8
4	180.00	2063	23726	98.4
5	210.00	3635	21663	89.9
6	240.00	2831	18028	74.8
7	270.00	2647	15197	63.0
8	310.00	1487	12550	52.1
9	350.00	1232	11063	45.9
10	400.00	833	9831	40.8
11	450.00	807	8998	37.3
12	520.0	599	8191	34.0
13	590.0	678	7592	31.5
14	670.0	642	6914	28.7
15	760.0	746	6272	26.0
16	870.0	663	5526	22.9
17	980.0	618	4863	20.2
18	1100.0	901	4245	17.6
19	1300.0	706	3344	13.9
20	1500.0	631	2638	10.9
21	1700.0	441	2007	8.3
22	1900.0	361	1566	6.5
23	2100.0	428	1205	5.0
24	2400	385	777	3.2
25	2800	178	392	1.6
26	3200	100	214	.8
27	3600	49	114	.4
28	4100	35	65	.2
29	4700	14	30	.1
30	5300	6	16	
31	6000	1	10	
32	6900	3	9	
33	7800	4	6	
34	8900	2	2	

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT SALIDA, CO.

YEAR	1	3	7	15	30	60	90	120	183
1910	2670.0 39	2520.0 46	2440.0 42	2230.0 43	1980.0 40	1740.0 36	1430.0 40	1190.0 45	907.0 42
1911	3110.0 26	3040.0 25	2670.0 31	2540.0 28	2490.0 20	2100.0 18	1750.0 18	1540.0 16	1140.0 19
1912	3350.0 21	3330.0 17	3130.0 17	2690.0 22	2220.0 31	2070.0 19	1770.0 16	1490.0 21	1090.0 26
1913	1700.0 63	1630.0 63	1560.0 63	1510.0 60	1480.0 58	1360.0 54	1220.0 55	1040.0 55	820.0 54
1914	3570.0 15	3280.0 18	3030.0 20	2800.0 17	2510.0 18	2240.0 10	1980.0 6	1690.0 7	1230.0 10
1915	2580.0 47	2530.0 45	2440.0 43	2140.0 45	1800.0 48	1400.0 52	1130.0 58	963.0 58	744.0 58
1916	2900.0 31	2870.0 31	2850.0 24	2690.0 23	2500.0 19	2140.0 15	1880.0 12	1670.0 8	1260.0 7
1917	4510.0 7	4470.0 6	4320.0 4	4090.0 3	3610.0 2	2690.0 3	2090.0 5	1740.0 5	1250.0 8
1918	4840.0 3	4770.0 2	4640.0 2	4290.0 2	3320.0 4	2470.0 5	1950.0 8	1630.0 13	1210.0 12
1919	2460.0 51	2400.0 48	2210.0 49	1970.0 48	1810.0 45	1710.0 38	1410.0 42	1210.0 42	951.0 38
1920	3210.0 24	3140.0 23	2920.0 22	2790.0 18	2710.0 11	2280.0 9	1920.0 9	1650.0 10	1210.0 13
1921	3760.0 13	3580.0 14	3450.0 14	2890.0 15	2640.0 14	2230.0 11	1800.0 14	1530.0 17	1140.0 20
1922	2660.0 42	2580.0 40	2560.0 36	2410.0 32	2260.0 27	2040.0 21	1650.0 26	1440.0 24	1070.0 28
1923	2600.0 45	2380.0 49	2320.0 46	2290.0 37	2210.0 32	2000.0 24	1720.0 20	1490.0 22	1150.0 18
1924	4780.0 4	4660.0 4	4210.0 5	3420.0 8	2630.0 15	2050.0 20	1720.0 21	1500.0 19	1100.0 23
1925	1820.0 62	1760.0 62	1660.0 62	1500.0 61	1330.0 61	1250.0 59	1050.0 59	954.0 59	741.0 60
1926	2500.0 48	2360.0 50	2270.0 47	2080.0 47	1800.0 46	1640.0 41	1530.0 35	1310.0 35	983.0 37
1927	3480.0 18	3180.0 22	2620.0 34	2390.0 35	2290.0 25	2020.0 22	1700.0 23	1430.0 27	1100.0 24
1928	2970.0 29	2890.0 29	2620.0 35	2250.0 42	1800.0 47	1720.0 37	1510.0 37	1350.0 33	1020.0 33
1929	2600.0 46	2550.0 42	2450.0 41	2280.0 38	2070.0 37	1700.0 39	1570.0 33	1380.0 32	1100.0 25
1930	2280.0 55	2120.0 56	2000.0 55	1880.0 50	1690.0 53	1350.0 55	1230.0 53	1100.0 52	879.0 47
1931	1250.0 66	1170.0 66	1100.0 66	982.0 66	853.0 66	748.0 66	618.0 66	539.0 66	436.0 66
1932	2380.0 54	2200.0 55	2040.0 54	1950.0 49	1830.0 44	1630.0 42	1400.0 43	1190.0 43	870.0 49
1933	2670.0 40	2550.0 43	2480.0 40	2280.0 39	2100.0 36	1610.0 44	1250.0 51	1020.0 56	744.0 59
1934	1560.0 64	1470.0 64	1370.0 64	1300.0 64	1160.0 63	846.0 65	684.0 65	603.0 65	488.0 65
1935	3140.0 25	2990.0 27	2680.0 30	2590.0 26	2230.0 28	1850.0 30	1530.0 36	1270.0 39	913.0 41
1936	2630.0 43	2590.0 39	2530.0 37	2410.0 33	2140.0 35	1980.0 25	1750.0 19	1580.0 14	1230.0 11
1937	2020.0 58	1870.0 58	1770.0 58	1530.0 59	1340.0 60	1320.0 58	1150.0 57	989.0 57	753.0 57
1938	3240.0 23	3050.0 24	2730.0 26	2490.0 29	2440.0 22	1960.0 26	1620.0 28	1390.0 31	1050.0 31
1939	2240.0 57	2230.0 54	2100.0 52	1840.0 51	1720.0 51	1510.0 50	1300.0 47	1140.0 49	855.0 50
1940	1470.0 65	1370.0 65	1200.0 65	1070.0 65	1020.0 65	879.0 64	741.0 64	656.0 64	506.0 64
1941	3330.0 22	3270.0 19	3190.0 16	2680.0 24	2040.0 38	1540.0 48	1330.0 45	1190.0 44	883.0 46
1942	3390.0 20	3270.0 20	2930.0 21	2760.0 20	2400.0 23	1960.0 27	1580.0 32	1310.0 34	995.0 34
1943	2820.0 35	2720.0 35	2640.0 33	2470.0 31	2150.0 33	1830.0 31	1620.0 29	1440.0 25	1170.0 14
1944	2840.0 33	2750.0 34	2710.0 28	2480.0 30	2230.0 29	1620.0 43	1400.0 44	1210.0 40	894.0 45
1945	2250.0 56	2110.0 57	1860.0 57	1770.0 55	1500.0 57	1350.0 56	1220.0 54	1110.0 50	872.0 48

07091500 ARKANSAS RIVER AT SALIDA, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT SALIDA, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1946	2860.0	32	2790.0	33	2650.0	32	2550.0	27	1920.0	42	1530.0	49	1300.0	48	1170.0	46	899.0	43
1947	4640.0	5	4260.0	7	3630.0	10	3120.0	13	2870.0	8	2290.0	8	1890.0	10	1630.0	11	1240.0	9
1948	3870.0	11	3770.0	11	3690.0	8	3450.0	7	2790.0	9	2160.0	13	1800.0	15	1560.0	15	1160.0	16
1949	4150.0	10	4110.0	8	3950.0	7	3400.0	9	3060.0	6	2340.0	7	1960.0	7	1670.0	9	1270.0	6
1950	2830.0	34	2810.0	32	2690.0	29	2280.0	40	1910.0	43	1580.0	45	1290.0	49	1100.0	51	841.0	53
1951	2630.0	44	2550.0	44	2420.0	44	2130.0	46	1970.0	41	1810.0	32	1610.0	30	1420.0	28	1060.0	29
1952	4480.0	8	3900.0	10	3550.0	11	3470.0	6	3090.0	5	2460.0	6	2150.0	4	1910.0	3	1470.0	3
1953	4150.0	9	4020.0	9	3660.0	9	3130.0	12	2540.0	17	2020.0	23	1700.0	24	1430.0	26	1030.0	32
1954	1840.0	61	1810.0	61	1740.0	59	1390.0	63	1040.0	64	941.0	63	838.0	63	728.0	63	576.0	63
1955	1890.0	59	1840.0	59	1720.0	60	1540.0	58	1410.0	59	1140.0	61	1010.0	61	874.0	61	685.0	61
1956	3570.0	16	3350.0	16	3080.0	18	2780.0	19	2450.0	21	1780.0	34	1430.0	41	1210.0	41	896.0	44
1957	9090.0	1	8750.0	1	8330.0	1	7210.0	1	5880.0	1	4240.0	1	3330.0	1	2680.0	1	1900.0	1
1958	5040.0	2	4760.0	3	4070.0	6	3910.0	4	3030.0	7	2110.0	17	1710.0	22	1490.0	20	1120.0	21
1959	2780.0	37	2670.0	36	2380.0	45	2280.0	41	1760.0	49	1230.0	60	1020.0	60	866.0	62	680.0	62
1960	2940.0	30	2890.0	30	2720.0	27	2400.0	34	2230.0	30	1680.0	40	1470.0	38	1280.0	38	994.0	35
1961	2400.0	53	2270.0	52	2090.0	53	1810.0	53	1730.0	50	1340.0	57	1160.0	56	1060.0	54	846.0	52
1962	3400.0	19	3260.0	21	3080.0	19	3000.0	14	2700.0	12	2150.0	14	1890.0	11	1690.0	6	1350.0	5
1963	1880.0	60	1840.0	60	1670.0	61	1490.0	62	1230.0	62	1110.0	62	991.0	62	938.0	60	763.0	56
1964	2440.0	52	2320.0	51	2260.0	48	1730.0	56	1590.0	55	1410.0	51	1250.0	52	1090.0	53	809.0	55
1965	4620.0	6	4530.0	5	4320.0	3	3880.0	5	3430.0	3	2940.0	2	2440.0	2	2080.0	2	1580.0	2
1966	2480.0	50	2240.0	53	1900.0	56	1640.0	57	1510.0	56	1370.0	53	1280.0	50	1150.0	47	917.0	40
1967	2670.0	41	2560.0	41	2160.0	50	1820.0	52	1630.0	54	1570.0	46	1310.0	46	1140.0	48	853.0	51
1968	2750.0	38	2630.0	37	2510.0	38	2290.0	36	2140.0	34	1770.0	35	1630.0	27	1420.0	29	1050.0	30
1969	2790.0	36	2610.0	38	2480.0	39	2190.0	44	2000.0	39	1870.0	29	1670.0	25	1450.0	23	1080.0	27
1970	3730.0	14	3630.0	12	3550.0	12	3280.0	10	2760.0	10	2600.0	4	2150.0	3	1900.0	4	1440.0	4
1971	3040.0	27	3000.0	26	2850.0	23	2600.0	25	2260.0	26	1890.0	28	1600.0	31	1420.0	30	1110.0	22
1972	3040.0	28	2980.0	28	2840.0	25	2730.0	21	2330.0	24	1810.0	33	1540.0	34	1290.0	36	988.0	36
1973	3760.0	12	3600.0	13	3200.0	15	2850.0	16	2610.0	16	2190.0	12	1870.0	13	1630.0	12	1170.0	15
1974	2490.0	49	2420.0	47	2130.0	51	1770.0	54	1710.0	52	1540.0	47	1450.0	39	1290.0	37	949.0	39
1975	3540.0	17	3510.0	15	3450.0	13	3250.0	11	2700.0	13	2120.0	16	1760.0	17	1520.0	18	1150.0	17

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT SALIDA, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1911	160.00	13	165.00	12	170.00	11	174.00	9	184.00	8	195.00	11	204.00	16	208.00	11	226.00	9
1912	178.00	32	180.00	27	186.00	27	189.00	23	196.00	19	200.00	16	203.00	13	211.00	14	306.00	54
1913	182.00	38	182.00	33	190.00	32	197.00	33	205.00	28	207.00	21	215.00	24	220.00	19	267.00	34
1914	220.00	64	223.00	63	230.00	62	235.00	61	242.00	60	247.00	56	247.00	51	250.00	50	285.00	47
1915	155.00	6	168.00	15	177.00	17	188.00	21	201.00	23	209.00	23	216.00	25	233.00	33	296.00	52
1916	192.00	50	203.00	52	219.00	58	224.00	58	229.00	56	238.00	53	247.00	52	253.00	52	285.00	48
1917	201.00	54	208.00	55	217.00	55	223.00	57	226.00	54	231.00	46	240.00	49	248.00	46	298.00	53
1918	178.00	33	181.00	28	185.00	26	187.00	19	191.00	14	196.00	12	203.00	14	216.00	16	235.00	16
1919	190.00	45	190.00	41	190.00	33	190.00	24	191.00	15	196.00	13	204.00	15	212.00	15	255.00	27
1920	170.00	24	181.00	29	198.00	42	227.00	60	233.00	57	242.00	54	249.00	53	267.00	58	308.00	55
1921	170.00	25	181.00	30	184.00	24	220.00	54	224.00	49	235.00	49	243.00	50	248.00	47	284.00	46
1922	217.00	62	218.00	60	230.00	63	237.00	63	248.00	63	253.00	59	260.00	58	283.00	60	327.00	58
1923	210.00	59	214.00	57	218.00	57	219.00	53	221.00	46	224.00	41	229.00	39	238.00	36	258.00	31
1924	217.00	63	230.00	65	235.00	64	237.00	64	240.00	59	247.00	55	252.00	56	266.00	56	340.00	62
1925	190.00	46	195.00	46	199.00	45	202.00	36	205.00	29	213.00	30	221.00	30	228.00	30	253.00	25
1926	191.00	48	195.00	47	198.00	43	203.00	37	205.00	30	208.00	22	211.00	19	217.00	17	259.00	32
1927	215.00	61	216.00	59	220.00	59	221.00	55	223.00	47	228.00	44	232.00	41	241.00	40	256.00	28
1928	225.00	65	227.00	64	237.00	65	245.00	65	254.00	64	257.00	60	264.00	60	276.00	59	328.00	59
1929	186.00	42	189.00	39	193.00	36	196.00	30	198.00	20	206.00	19	212.00	21	223.00	25	247.00	20
1930	196.00	53	199.00	50	201.00	47	204.00	39	209.00	34	222.00	37	225.00	35	242.00	42	315.00	56
1931	171.00	26	172.00	19	179.00	18	180.00	13	185.00	9	194.00	7	198.00	9	205.00	8	236.00	17
1932	156.00	8	158.00	6	160.00	4	164.00	2	177.00	5	184.00	3	185.00	2	193.00	3	196.00	1
1933	160.00	14	170.00	16	175.00	14	175.00	10	177.00	6	181.00	1	183.00	1	192.00	1	219.00	6
1934	163.00	16	164.00	11	167.00	10	169.00	6	179.00	7	194.00	8	196.00	7	205.00	9	217.00	5
1935	159.00	12	160.00	7	160.00	5	166.00	3	175.00	2	182.00	2	190.00	4	199.00	4	214.00	3
1936	157.00	9	157.00	5	159.00	2	168.00	5	198.00	21	213.00	31	217.00	27	222.00	22	250.00	22
1937	168.00	18	171.00	18	177.00	15	188.00	20	205.00	31	212.00	27	217.00	28	228.00	31	267.00	35
1938	163.00	17	166.00	13	172.00	12	184.00	17	213.00	38	215.00	32	217.00	29	221.00	21	226.00	10
1939	175.00	28	179.00	24	184.00	25	190.00	25	210.00	35	213.00	28	227.00	37	241.00	41	281.00	45
1940	146.00	2	151.00	2	162.00	6	177.00	12	186.00	11	189.00	5	193.00	5	192.00	2	196.00	2
1941	124.00	1	127.00	1	134.00	1	146.00	1	168.00	1	199.00	14	202.00	11	209.00	13	223.00	8
1942	178.00	34	181.00	31	182.00	19	190.00	26	203.00	24	223.00	40	236.00	46	239.00	38	268.00	36
1943	203.00	55	215.00	58	217.00	56	222.00	56	225.00	51	237.00	52	240.00	47	244.00	44	258.00	29
1944	188.00	43	192.00	43	198.00	44	201.00	35	203.00	25	206.00	20	211.00	20	223.00	23	254.00	26
1945	180.00	36	183.00	34	189.00	30	193.00	27	195.00	18	200.00	15	202.00	12	208.00	12	217.00	4
1946	174.00	27	179.00	25	187.00	28	197.00	31	208.00	33	211.00	25	214.00	22	220.00	20	249.00	21
1947	170.00	19	175.00	22	183.00	22	186.00	18	191.00	16	194.00	9	197.00	8	204.00	7	228.00	11
1948	177.00	29	181.00	32	184.00	23	194.00	28	225.00	52	234.00	48	240.00	48	246.00	45	292.00	50
1949	210.00	60	219.00	61	225.00	60	225.00	59	228.00	55	233.00	47	235.00	43	241.00	39	258.00	30
1950	194.00	51	203.00	53	206.00	51	211.00	47	218.00	45	231.00	45	231.00	40	238.00	37	268.00	37
1951	180.00	37	194.00	45	208.00	52	213.00	49	214.00	39	217.00	33	222.00	31	226.00	27	233.00	14
1952	209.00	57	210.00	56	215.00	54	218.00	52	245.00	61	250.00	57	258.00	57	264.00	54	274.00	41
1953	190.00	47	190.00	40	192.00	34	204.00	40	224.00	50	236.00	50	249.00	54	261.00	53	287.00	49
1954	177.00	30	187.00	38	193.00	37	196.00	29	203.00	26	217.00	34	235.00	44	251.00	51	278.00	43
1955	179.00	35	184.00	36	197.00	41	208.00	43	216.00	42	222.00	38	226.00	36	237.00	34	251.00	23

07091500 ARKANSAS RIVER AT SALIDA, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT SALIDA, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1956	183.00	39	193.00	44	196.00	40	200.00	34	210.00	36	217.00	35	222.00	32	232.00	32	238.00	18
1957	150.00	3	156.00	3	160.00	3	166.00	4	176.00	3	203.00	18	208.00	17	217.00	18	234.00	15
1958	185.00	41	191.00	42	200.00	46	210.00	45	237.00	58	269.00	62	280.00	62	289.00	61	338.00	61
1959	161.00	15	163.00	10	166.00	9	175.00	11	185.00	10	201.00	17	200.00	10	206.00	10	220.00	7
1960	158.00	10	170.00	17	177.00	16	183.00	15	187.00	12	193.00	6	210.00	18	228.00	28	279.00	44
1961	183.00	40	186.00	37	194.00	38	204.00	41	214.00	40	222.00	39	224.00	34	228.00	29	253.00	24
1962	206.00	56	208.00	54	211.00	53	214.00	50	226.00	53	277.00	64	284.00	63	292.00	62	387.00	65
1963	150.00	4	160.00	8	194.00	39	211.00	48	254.00	65	287.00	65	291.00	65	311.00	65	346.00	63
1964	170.00	20	173.00	20	175.00	13	182.00	14	198.00	22	213.00	29	216.00	26	223.00	24	243.00	19
1965	158.00	11	167.00	14	187.00	29	203.00	38	213.00	37	250.00	58	261.00	59	267.00	57	274.00	42
1966	210.00	58	222.00	62	227.00	61	236.00	62	247.00	62	269.00	63	288.00	64	308.00	64	370.00	64
1967	192.00	49	196.00	48	204.00	49	215.00	51	217.00	43	236.00	51	250.00	55	265.00	55	270.00	40
1968	178.00	31	180.00	26	182.00	20	184.00	16	194.00	17	211.00	26	223.00	33	237.00	35	260.00	33
1969	170.00	21	174.00	21	182.00	21	189.00	22	206.00	32	221.00	36	233.00	42	249.00	48	268.00	38
1970	195.00	52	199.00	51	205.00	50	210.00	46	217.00	44	225.00	42	229.00	38	243.00	43	294.00	51
1971	188.00	44	196.00	49	203.00	48	209.00	44	215.00	41	227.00	43	236.00	45	250.00	49	328.00	60
1972	170.00	22	183.00	35	192.00	35	197.00	32	203.00	27	210.00	24	215.00	23	225.00	26	270.00	39
1973	155.00	7	160.00	9	165.00	8	174.00	7	177.00	4	185.00	4	189.00	3	200.00	5	228.00	12
1974	170.00	23	178.00	23	190.00	31	208.00	42	223.00	48	261.00	61	273.00	61	292.00	63	322.00	57
1975	150.00	5	157.00	4	164.00	7	174.00	8	189.00	13	195.00	10	196.00	6	202.00	6	230.00	13

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
346	308	263	236	228	226	349	981	1973	1412	861	471
9960	3291	1381	1348	1252	1397	19390	104900	306100	490900	80860	23150
99.8	57.4	37.2	36.7	35.4	37.4	139	324	553	701	284	152
1.22	0.51	0.83	1.48	2.48	2.64	1.43	0.64	-0.19	2.62	0.24	1.07
0.29	0.19	0.14	0.16	0.16	0.17	0.40	0.33	0.28	0.50	0.33	0.32
4.52	4.03	3.43	3.08	2.98	2.95	4.56	12.8	25.8	18.4	11.2	6.15

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
2.52	2.48	2.42	2.37	2.35	2.35	2.51	2.97	3.28	3.11	2.91	2.65
0.01	0.01	0.00	0.00	0.00	0.00	0.02	0.02	0.02	0.04	0.03	0.02
0.12	0.08	0.06	0.06	0.06	0.06	0.15	0.15	0.14	0.19	0.16	0.13
0.56	0.04	0.45	0.78	1.59	1.45	0.65	-0.48	-1.21	-0.12	-0.71	0.21
0.05	0.03	0.02	0.03	0.03	0.03	0.06	0.05	0.04	0.06	0.05	0.05
7.90	7.78	7.57	7.42	7.37	7.36	7.88	9.30	10.3	9.74	9.11	8.31

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
639	17650	133	0.27	0.21	0.135

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.80	0.01	0.09	-0.63	0.03	0.176

07092000 SOUTH ARKANSAS RIVER AT PONCHA, COLO.

LOCATION.--Lat 38°30'41", long 106°04'44", in NW¼SW¼ sec.10, T.49 N., R.8 E., Chaffee County, 0.2 mi (0.3 km) upstream from Poncha Creek and 0.5 mi (0.8 km) south of Poncha.

DRAINAGE AREA.--140 mi^2 (363 km^2).

REMARKS.--Court decrees for diversion of 136 ft^3/s (3.85 m^3/s) above station for irrigation.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH FORK ARKANSAS RIVER AT PONCHA, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1912								1	3	4	4	2	10	15	22	10	9	79	54	8	24	24	25	10	9	2	5	6	4	14	8	5	2	6	1
1913				1		1		9	3	4	16	1	8	5	48	30	18	57	84	26	12	4	3	1	2	3	6	11	10	2					
1914								1	16	5	18	11	17	14	18	18	7	21	114	6	6	9	7	8	8	9	3	6	6	13	13	8	1	2	
1915										1	12	8	7	9	13	11	8	45	121	38	13	11	8	12	6	8	9	7	7	3	5	3			
1916									1	5	12		4	16	14	23	12	28	21	36	78	32	7	17	13	11	18	6	1	7	4				
1917				8		11		8	8	8	10	3	15	13	11	9	18	54	52	64	20	8	6	10	2	4	4	2	6	4	5	2			

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH ARKANSAS RIVER AT PONCHA, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2192	100.0	12	9.9	61	1997	91.1	24	91	40	302	13.7
1	1.30	0	2192	100.0	13	12.0	72	1936	88.3	25	110	37	262	11.9
2	1.60	0	2192	100.0	14	14.0	126	1864	85.0	26	130	45	225	10.2
3	1.90	9	2192	100.0	15	17.0	101	1738	79.3	27	160	38	180	8.2
4	2.30	0	2183	99.6	16	21.0	72	1637	74.7	28	190	34	142	6.4
5	2.70	12	2183	99.6	17	25.0	284	1565	71.4	29	230	43	108	4.9
6	3.30	0	2171	99.0	18	30.0	446	1281	58.4	30	280	35	65	2.9
7	3.90	19	2171	99.0	19	36.0	178	835	38.1	31	330	18	30	1.3
8	4.70	31	2152	98.2	20	44.0	153	657	30.0	32	400	3	12	.5
9	5.70	27	2121	96.8	21	52.0	88	504	23.0	33	480	8	9	.4
10	6.90	72	2094	95.5	22	63.0	56	416	19.0	34	580	1	1	
11	8.30	25	2022	92.2	23	76.0	58	360	16.4					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH FORK ARKANSAS RIVER AT PONCHA, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1912	580.0	1	545.0	1	523.0	1	420.0	1	346.0	1	246.0	1	180.0	2	139.0	2	100.0	2
1913	255.0	6	232.0	6	211.0	6	197.0	6	171.0	6	112.0	6	82.0	6	66.0	6	53.0	6
1914	515.0	2	485.0	2	418.0	2	352.0	2	311.0	2	216.0	2	194.0	1	155.0	1	107.0	1
1915	335.0	4	310.0	4	304.0	4	252.0	4	204.0	3	153.0	3	122.0	4	100.0	4	77.0	4
1916	310.0	5	302.0	5	281.0	5	244.0	5	194.0	5	143.0	4	123.0	3	107.0	3	79.0	3
1917	399.0	3	351.0	3	335.0	3	278.0	3	203.0	4	134.0	5	97.0	5	77.0	5	57.0	5

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH FORK ARKANSAS RIVER AT PONCHA, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1912	4.00	3	4.70	4	5.40	4	5.80	4	14.00	5	21.00	7	28.00	7	31.00	7	44.00	7
1913	4.00	4	5.10	5	6.50	6	11.00	6	13.00	4	17.00	4	18.00	3	23.00	3	26.00	3
1914	2.00	1	3.30	2	3.90	2	5.00	2	7.50	3	9.70	2	12.00	1	15.00	1	22.00	1
1915	4.00	5	4.70	3	5.00	3	5.10	3	6.60	2	11.00	3	20.00	4	23.00	4	26.00	4
1916	6.00	7	7.00	7	7.60	7	12.00	7	18.00	7	20.00	5	21.00	5	23.00	5	32.00	6
1917	5.00	6	6.00	6	6.40	5	7.00	5	15.00	6	20.00	6	25.00	6	29.00	6	31.00	5
1918	2.00	2	2.00	1	2.30	1	2.90	1	3.80	1	8.60	1	12.00	2	16.00	2	24.00	2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
31.4	43.1	37.8	33.4	32.8	28.2	18.1	85.3	222	76.7	35.6	13.5
605	203	42.9	29.6	42.7	15.6	151	1963	4824	1205	512	25.2
24.6	14.2	6.55	5.44	6.54	3.95	12.3	44.3	69.5	34.7	22.6	5.02
2.18	2.41	0.38	1.91	2.04	0.85	1.67	-0.52	1.19	-0.14	1.02	-0.31
0.78	0.33	0.17	0.16	0.20	0.14	0.68	0.52	0.31	0.45	0.64	0.37
4.77	6.55	5.74	5.08	4.99	4.29	2.75	13.0	33.8	11.7	5.41	2.05

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.42	1.62	1.57	1.52	1.51	1.45	1.19	1.83	2.33	1.83	1.48	1.10
0.07	0.01	0.01	0.00	0.01	0.00	0.07	0.15	0.02	0.07	0.07	0.03
0.27	0.12	0.08	0.06	0.08	0.06	0.27	0.39	0.13	0.26	0.26	0.18
1.17	2.36	0.02	1.79	1.88	0.76	0.58	-2.04	0.72	-1.50	0.69	-0.58
0.19	0.07	0.05	0.04	0.05	0.04	0.23	0.21	0.05	0.14	0.17	0.16
7.51	8.59	8.34	8.06	8.01	7.68	6.29	9.73	12.4	9.73	7.87	5.84

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
54.8	166	12.9	0.07	0.24	-0.856

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.73	0.01	0.10	-0.22	0.06	-0.837

07093000 PONCHA CREEK AT PONCHA, COLO.

LOCATION.--Lat 38°30'36", long 106°04'30", in SW¼SW¼ sec.10, T.49 N., R.8 E., Chaffee County, at highway bridge at Poncha, 0.2 mi (0.3 km) upstream from mouth.

DRAINAGE AREA.--56 mi^2 (145 km^2).

REMARKS.--Court decrees for diversions of 7 ft^3/s (0.20 m^3/s) above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PONCHA CREEK AT PONCHA, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1912										1	2	3	38	12	44	10	15	48	8	31	27	29	14	10	10	9	10	10	7	4	3	6	6	4	5
1913		2					6	60	7	31	14	7	22	15	23	11	20	28	7	40	8	6	8	10	11	8	20		1						
1914		2			2			15		74		57	5	26	18	8	13	20	12	11	26	17	6	6	2	6	8	2	8	6	6	9			
1915												27	6	65	47	18	38	26	24	13	9	14	13	4	10	3	10	11	13	4	7	3			
1916													5	5	95	20	45	45	25	21	12	13	14	7	8	6	13	15	8	8	1				
1917											2	1	1	26	89	48	46	36	8	26	13	7	12	12	7	4	6	7	2	6	5	1			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2192	100.0	12	4.0	130	1971	89.9	24	38	49	358	16.3
1	0.50	4	2192	100.0	13	4.8	51	1841	84.0	25	46	47	309	14.0
2	0.60	0	2188	99.8	14	5.8	181	1790	81.7	26	55	37	262	11.9
3	0.70	0	2188	99.8	15	7.0	282	1609	73.4	27	67	67	225	10.2
4	0.90	2	2188	99.8	16	8.4	120	1327	60.5	28	81	42	158	7.2
5	1.10	0	2186	99.7	17	10.0	210	1207	55.1	29	98	36	116	5.2
6	1.30	0	2186	99.7	18	12.0	163	997	45.5	30	120	27	80	3.6
7	1.50	6	2186	99.7	19	15.0	107	834	38.0	31	140	25	53	2.4
8	1.90	75	2180	99.5	20	18.0	138	727	33.2	32	170	19	28	1.2
9	2.30	8	2105	96.0	21	22.0	97	589	26.9	33	210	4	9	.4
10	2.70	109	2097	95.7	22	26.0	71	492	22.4	34	250	5	5	.2
11	3.30	17	1988	90.7	23	31.0	63	421	19.2					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PONCHA CREEK AT PONCHA, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1912	281.0	1	260.0	1	249.0	1	225.0	1	175.0	1	121.0	1	91.0	1	73.0	1	52.0	1
1913	100.0	6	85.0	6	79.0	6	71.0	6	66.0	6	55.0	6	44.0	6	38.0	6	29.0	6
1914	193.0	2	189.0	2	177.0	2	170.0	2	139.0	2	98.0	2	73.0	3	60.0	3	43.0	3
1915	172.0	4	165.0	4	140.0	4	134.0	3	117.0	3	94.0	3	75.0	2	62.0	2	45.0	2
1916	142.0	5	131.0	5	125.0	5	106.0	5	102.0	4	84.0	4	67.0	4	56.0	4	42.0	4
1917	192.0	3	167.0	3	153.0	3	130.0	4	96.0	5	73.0	5	56.0	5	47.0	5	34.0	5

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PONCHA CREEK AT PONCHA, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1912	3.00	4	4.50	6	4.50	4	4.50	4	4.50	4	5.40	3	6.60	4	7.40	5	12.00	7
1913	0.51	1	1.50	2	1.60	2	1.80	1	1.90	1	2.00	1	2.20	1	2.60	1	3.90	1
1914	0.51	2	0.67	1	1.30	1	2.10	2	3.00	2	3.00	2	3.20	2	3.40	2	4.40	2
1915	4.00	6	4.00	4	4.00	3	4.00	3	4.30	3	5.60	4	6.10	3	6.40	3	7.10	3
1916	5.00	7	5.30	7	5.60	6	7.50	7	8.00	7	8.00	7	8.00	6	8.10	6	9.20	6
1917	3.00	5	4.00	5	5.70	7	6.30	6	7.10	6	7.70	6	8.70	7	8.90	7	8.70	5
1918	2.00	3	3.30	3	4.60	5	4.60	5	5.10	5	6.50	5	6.70	5	7.10	4	7.50	4

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
11.8	8.81	6.32	5.59	6.14	7.46	20.8	81.0	90.3	27.1	15.4	8.44
59.4	20.9	8.63	7.99	6.81	11.7	22.4	882	510	14.0	20.6	5.01
7.71	4.57	2.94	2.83	2.61	3.42	4.73	29.7	22.6	3.74	4.53	2.24
2.20	1.63	0.06	-0.16	-1.03	-0.27	1.45	0.00	-0.71	-0.21	1.27	-0.06
0.65	0.52	0.46	0.51	0.43	0.46	0.23	0.37	0.25	0.14	0.29	0.27
4.09	3.05	2.19	1.93	2.12	2.58	7.18	28.0	31.2	9.37	5.34	2.92

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.02	0.90	0.76	0.69	0.74	0.83	1.31	1.88	1.94	1.43	1.17	0.91
0.05	0.04	0.05	0.07	0.06	0.06	0.01	0.03	0.01	0.00	0.01	0.01
0.22	0.21	0.22	0.26	0.25	0.24	0.09	0.17	0.12	0.06	0.12	0.12
1.71	0.39	-0.33	-0.63	-1.43	-0.73	1.20	-0.57	-1.26	-0.40	0.83	-0.24
0.22	0.23	0.29	0.38	0.34	0.29	0.07	0.09	0.06	0.04	0.10	0.13
7.49	6.64	5.57	5.08	5.45	6.08	9.64	13.9	14.3	10.5	8.65	6.72

07093000 PONCHA CREEK AT PONCHA, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
24.1	26.8	5.18	-0.09	0.21	-0.614

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.37	0.01	0.10	-0.66	0.07	-0.562

07093500 SOUTH ARKANSAS RIVER NEAR SALIDA, COLO.

LOCATION.--Lat 38°31'17", long 105°59'21", in SE¼SE¼ sec.5, T.49 N., R.9 E., Chaffee County, 0.8 mi (1.3 km) upstream from mouth and 1.2 mi (1.9 km) southwest of Salida.

DRAINAGE AREA.--208 mi² (539 km²).

REMARKS.--Diversions above station for irrigation of about 8,000 acres (32.4 km²).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH ARKANSAS RIVER NEAR SALIDA, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1923			18					2	2	6	3			5	3	8	5	11	40	12	37	105	25	17	13	13	7	11	8	5	6	1	2		
1930							111				5	2		3	5	7	4	9	18	29	49	71	13	23	13	3									
1931	1	4	12	13	23	18	15	29	12	14	35	16	9	7	6	1	3	2	1	2	14	110	17	1											
1932	14	2	12	16	12	13	9	5	19	10	10	3	11	5	7	5	8	15	10	9	82	48	14	8	5	6	5	3							
1933	7	20				44		30	3	2	13	18	16	8	15	3	5	4	6	8	71	56	1	4	4	6	9	11	1						
1934			1	5	15	31	28	19	42	15	5	4	3	8	17	9	3	10	7	22	31	63	24		1	2									
1935	2							15			23	26	19	14	37	14	14	8	18	18	22	78	25	5	5	1	2	6	3	2	6	2			
1936						4		2	3	4	4	5	10	9	9	6	10	17	18	24	14	82	59	22	17	14	8	8	17						
1937	2	2	1	3	2	5	10	6	5	7	8	18	10	2	16	8	4	3	8	40	49	79	42	17	2	7	6	3							
1938					1	8	5	2	17	15	11	12	11	17	3	3	2	15	18	33	47	82	29	7	9	6	3	8	1						
1939							3	2	25	45	22	15	3	8	7	8	2	4	6	21	22	30	112	29	1										
1940						4	1	1	1	12	54	58	38	37	24	16	11	9	12	14	31	28	15												

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	26	4383	100.0	12	3.4	130	3144	71.7	24	87	70	272	6.2
1	0.10	28	4357	99.4	13	4.4	123	3014	68.8	25	110	58	202	4.6
2	0.20	44	4329	98.8	14	5.8	149	2891	66.0	26	150	40	144	3.2
3	0.30	37	4285	97.8	15	7.6	88	2742	62.6	27	200	50	104	2.3
4	0.40	53	4248	96.9	16	10.0	71	2654	60.6	28	260	30	54	1.2
5	0.50	127	4195	95.7	17	13.0	107	2583	58.9	29	340	7	24	.5
6	0.70	71	4068	92.8	18	17.0	162	2476	56.5	30	440	12	17	.3
7	0.90	224	3997	91.2	19	23.0	232	2314	52.8	31	580	3	5	.1
8	1.10	129	3773	86.1	20	30.0	469	2082	47.5	32	760	2	2	
9	1.50	130	3644	83.1	21	39.0	832	1613	36.8	33				
10	2.00	193	3514	80.2	22	51.0	376	781	17.8	34				
11	2.60	177	3321	75.8	23	67.0	133	405	9.2					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH ARKANSAS RIVER NEAR SALIDA, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1923	1220.0	1	817.0	1	660.0	1	468.0	1	389.0	1	256.0	1	188.0	1	157.0	1	115.0	1
1930	141.0	8	96.0	9	92.0	8	90.0	8	83.0	8	67.0	8	55.0	9	53.0	8	46.0	8
1931	68.0	11	64.0	11	59.0	11	57.0	10	53.0	10	49.0	10	48.0	10	47.0	9	36.0	10
1932	231.0	6	198.0	7	183.0	7	159.0	7	111.0	7	78.0	6	56.0	8	47.0	10	44.0	9
1933	262.0	5	247.0	5	237.0	4	210.0	4	178.0	4	102.0	4	69.0	5	56.0	7	50.0	7
1934	141.0	9	122.0	8	77.0	9	55.0	11	51.0	11	47.0	11	43.0	11	38.0	11	35.0	11
1935	617.0	2	573.0	2	550.0	2	434.0	2	287.0	2	160.0	2	110.0	2	86.0	3	69.0	3
1936	339.0	3	332.0	3	316.0	3	291.0	3	236.0	3	151.0	3	110.0	3	109.0	2	80.0	2
1937	227.0	7	210.0	6	196.0	6	167.0	6	121.0	6	77.0	7	61.0	6	59.0	6	55.0	5
1938	265.0	4	251.0	4	235.0	5	197.0	5	147.0	5	99.0	5	77.0	4	65.0	4	56.0	4
1939	101.0	10	88.0	10	74.0	10	69.0	9	64.0	9	62.0	9	59.0	7	59.0	5	52.0	6
1940	56.0	12	56.0	12	54.0	12	53.0	12	47.0	12	42.0	12	37.0	12	31.0	12	23.0	12

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH ARKANSAS RIVER NEAR SALIDA, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1923	0.00	1	0.00	1	0.00	1	0.01	1	0.02	1	0.08	1	0.12	1	0.17	1	7.40	4
1931	1.00	11	1.00	11	1.00	9	1.00	6	1.00	6	1.10	5	1.90	6	10.00	8	11.00	6
1932	0.00	2	0.07	4	0.16	4	0.19	3	0.26	3	0.39	3	0.50	2	0.59	2	1.00	1
1933	0.00	3	0.00	2	0.00	2	0.41	4	0.87	5	4.10	9	4.30	8	6.00	7	16.00	8
1934	0.00	4	0.00	3	0.00	3	0.10	2	0.16	2	0.38	2	1.10	4	1.10	4	12.00	7
1935	0.21	7	0.27	6	0.39	6	0.44	5	0.49	4	0.66	4	0.75	3	0.84	3	2.20	2

07093500 SOUTH ARKANSAS RIVER NEAR SALIDA, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH ARKANSAS RIVER NEAR SALIDA, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1936	0.00	5	0.33	7	0.72	7	1.60	10	3.20	10	9.80	10	14.00	9	18.00	9	30.00	9
1937	0.51	9	0.50	8	1.90	11	2.90	11	5.60	11	34.00	11	35.00	11	39.00	11	42.00	11
1938	0.00	6	0.10	5	0.36	5	1.10	7	2.70	9	2.90	8	3.00	7	3.10	6	7.40	5
1939	0.41	8	0.50	9	0.74	8	1.20	8	1.40	8	2.10	7	15.00	10	20.00	10	32.00	10
1940	0.81	10	0.84	10	1.10	10	1.20	9	1.30	7	1.80	6	1.80	5	1.90	5	2.70	3

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
14.3	30.7	47.1	41.7	44.3	27.3	16.6	70.3	89.0	10.8	19.6	12.5
281	495	99.0	49.7	67.0	161	180	3958	14210	282	1374	260
16.8	22.2	9.95	7.05	8.18	12.7	13.4	62.9	119	16.8	37.1	16.1
0.80	1.32	-1.61	0.10	0.75	0.10	0.58	1.12	1.61	2.64	2.47	1.06
1.17	0.73	0.21	0.17	0.18	0.47	0.81	0.89	1.34	1.55	1.89	1.29
3.37	7.23	11.1	9.84	10.5	6.43	3.91	16.6	21.0	2.55	4.62	2.95

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.74	1.38	1.66	1.61	1.64	1.38	1.05	1.62	1.36	0.63	0.64	0.68
0.49	0.11	0.01	0.01	0.01	0.06	0.18	0.28	0.87	0.42	0.68	0.42
0.70	0.33	0.12	0.08	0.08	0.24	0.42	0.53	0.93	0.65	0.82	0.65
0.07	-0.29	-2.32	-0.36	0.34	-0.69	-0.15	-0.60	-0.37	0.14	0.28	0.55
0.95	0.24	0.07	0.05	0.05	0.17	0.40	0.33	0.69	1.04	1.29	0.96
5.12	9.60	11.5	11.2	11.4	9.62	7.32	11.3	9.43	4.35	4.43	4.69

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
35.3	299	17.3	1.05	0.49	0.140

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.50	0.04	0.21	-0.07	0.14	0.126

07093700 ARKANSAS RIVER NEAR WELLSVILLE, COLO.

LOCATION.--Lat 38°30'10", long 105°56'21", in SW¼NE¼ sec.14, T.49 N., R.9 E., Chaffee County, on right bank 50 ft (15 m) upstream from Chaffee-Fremont County line, 2.0 mi (3.2 km) northwest of Wellsville, 2.8 mi (4.5 km) downstream from South Arkansas River, and 3.5 mi (5.6 km) southeast of Salida.

DRAINAGE AREA.--1,485 mi² (3,846 km²).

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs, power developments, diversions for irrigation of about 26,000 acres (105 km²), and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER NEAR WELLSVILLE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1962										27	48	24	27	23	17	11	17	25	15	6	2	12	22	25	9	8	2	9	8	5	8	10	5		
1963		2	1	1	1	4	2	12	25	35	62	54	31	18	10	13	4	12	14	21	18	6	6	8		2	3								
1964					1	2	10	55	31	90	44	6	14	6	1	2	1	3	7	14	11	8	17	12	4	14	4	2	4	2	1				
1965							1	11	27	59	64	26	15	3				14	8	12	12	18	3	9	7	10	6	4	14	10	7	9	8	7	1
1966								1	5	20	42	35	22	17	32	34	15	29	18	21	6	17	15	20	6	9	1								
1967						2	8	21	18	76	81	16	5	8	12	16	6	10	6	7	11	9	6	18	6	7	9	3	2	2					
1968						1	6	40	18	35	44	51	21	18	2	3	2	16	11	4	8	18	7	12	5	8	8	9	8	5	1	4	1		
1969							3	65	41	24	35	23	21	23	5	2	8	7	4	2	1	6	7	17	4	19	21	8	12	1	6				
1970								9	30	44	29	37	16	18	12	10	9	5	3	4	11	12	17	31	4	4	5	4	14	10	7	7	9	4	
1971									4	25	37	22	27	27	41	24	11	18	15	12	7	19	13	10	4	9	13	11	4	1	7	4			
1972							1	9	6	39	55	32	34	41	19	16	2	10	20	7	1	5	11	20	4	6	3	6	5	3	9	2			
1973							2	32	49	41	42	34	26	15	1	2	5	6	1	11	9	8	7	18	8	2	7	5	13	9	2	4	5	1	
1974						8	4	7	19	21	69	29	18	13	34	19	4	8	3	14	14	12	11	6	16	21	7	5	3						
1975							4	24	41	64	22	22	24	11	3	6	8	9	10	18	12	16	4	9	4	13	6	4	8	5	4	10	4		

07093700 ARKANSAS RIVER NEAR WELLSVILLE, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER NEAR WELLSVILLE, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5113	100.0	12	370.0	301	2764	54.1	24	1400	81	673	13.1
1	110.00	2	5113	100.0	13	410.0	241	2463	48.2	25	1500	132	592	11.5
2	120.00	1	5111	100.0	14	460.0	189	2222	43.5	26	1700	95	460	8.9
3	140.00	1	5110	99.9	15	510.0	158	2033	39.8	27	1900	70	365	7.1
4	150.00	2	5109	99.9	16	570.0	92	1875	36.7	28	2100	95	295	5.7
5	170.00	17	5107	99.9	17	630.0	172	1783	34.9	29	2400	53	200	3.9
6	190.00	41	5090	99.6	18	710.0	135	1611	31.5	30	2600	52	147	2.8
7	210.00	286	5049	98.7	19	790.0	153	1476	28.9	31	2900	50	95	1.8
8	240.00	314	4763	93.2	20	880.0	123	1323	25.9	32	3300	32	45	.8
9	260.00	600	4449	87.0	21	980.0	166	1200	23.5	33	3600	12	13	.2
10	290.00	674	3849	75.3	22	1100.0	146	1034	20.2	34	4100	1	1	
11	330.00	411	3175	62.1	23	1200.0	215	888	17.4					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER NEAR WELLSVILLE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1962	3520.0	4	3370.0	5	3130.0	5	3090.0	4	2820.0	3	2220.0	3	1960.0	3	1740.0	3	1380.0	3
1963	1840.0	13	1790.0	13	1620.0	13	1390.0	14	1150.0	14	1020.0	14	888.0	14	831.0	14	668.0	14
1964	2600.0	10	2490.0	10	2410.0	10	1830.0	10	1720.0	10	1450.0	12	1300.0	11	1130.0	11	832.0	13
1965	4120.0	1	4020.0	1	3860.0	1	3500.0	1	3260.0	1	2820.0	1	2380.0	1	2040.0	1	1550.0	1
1966	1700.0	14	1650.0	14	1500.0	14	1410.0	13	1300.0	13	1200.0	13	1130.0	13	1030.0	13	845.0	11
1967	2500.0	11	2420.0	11	2140.0	11	1650.0	12	1530.0	12	1480.0	11	1240.0	12	1090.0	12	835.0	12
1968	3320.0	6	3160.0	6	2930.0	6	2400.0	8	2300.0	8	1780.0	9	1620.0	8	1410.0	8	1050.0	8
1969	2840.0	9	2650.0	9	2540.0	9	2260.0	9	2090.0	9	1960.0	6	1760.0	6	1530.0	6	1130.0	7
1970	3880.0	2	3740.0	2	3650.0	2	3400.0	2	2870.0	2	2660.0	2	2210.0	2	1940.0	2	1490.0	2
1971	3080.0	7	3050.0	7	2920.0	7	2700.0	5	2310.0	6	1940.0	7	1640.0	7	1450.0	7	1140.0	6
1972	2980.0	8	2910.0	8	2820.0	8	2680.0	7	2310.0	7	1800.0	8	1520.0	9	1290.0	9	998.0	9
1973	3600.0	3	3400.0	3	3170.0	4	2700.0	6	2600.0	5	2150.0	5	1820.0	5	1600.0	4	1160.0	5
1974	2240.0	12	2210.0	12	1980.0	12	1730.0	11	1690.0	11	1520.0	10	1410.0	10	1250.0	10	939.0	10
1975	3420.0	5	3380.0	4	3330.0	3	3150.0	3	2700.0	4	2210.0	4	1840.0	4	1590.0	5	1220.0	4

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER NEAR WELLSVILLE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1962	190.00	6	196.00	6	197.00	4	212.00	6	225.00	4	303.00	12	313.00	12	329.00	12	411.00	12
1963	110.00	1	115.00	1	147.00	1	181.00	1	235.00	7	250.00	4	258.00	5	276.00	5	304.00	7
1964	210.00	10	218.00	10	223.00	10	224.00	9	228.00	5	239.00	2	247.00	2	256.00	1	265.00	1
1965	164.00	2	171.00	2	195.00	3	202.00	3	215.00	1	273.00	9	283.00	9	294.00	8	295.00	5
1966	218.00	12	220.00	11	232.00	11	255.00	13	283.00	13	303.00	13	327.00	14	360.00	14	424.00	14
1967	185.00	4	189.00	4	200.00	5	212.00	4	224.00	2	259.00	7	271.00	7	280.00	6	285.00	3
1968	210.00	11	213.00	9	221.00	9	222.00	7	233.00	6	251.00	5	265.00	6	283.00	7	307.00	8
1969	188.00	5	192.00	5	202.00	6	212.00	5	224.00	3	231.00	1	236.00	1	258.00	2	283.00	2
1970	198.00	8	207.00	7	218.00	7	223.00	8	251.00	10	265.00	8	277.00	8	296.00	9	355.00	10
1971	235.00	14	242.00	14	249.00	14	254.00	12	290.00	14	296.00	11	315.00	13	339.00	13	419.00	13
1972	195.00	7	223.00	12	246.00	13	258.00	14	273.00	12	281.00	10	286.00	10	301.00	10	348.00	9
1973	200.00	9	207.00	8	219.00	8	237.00	10	244.00	8	248.00	3	250.00	3	263.00	4	299.00	6
1974	223.00	13	228.00	13	240.00	12	253.00	11	272.00	11	305.00	14	309.00	11	326.00	11	371.00	11
1975	182.00	3	184.00	3	185.00	2	194.00	2	249.00	9	255.00	6	254.00	4	262.00	3	288.00	4

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
405	384	340	304	293	263	402	1098	1906	1574	990	545
19030	5653	2397	3825	3526	1125	37600	119500	277900	398100	67710	34070
138	75.2	49.0	61.8	59.4	33.5	194	346	527	631	260	185
1.02	0.20	1.28	1.50	2.70	1.04	1.44	1.22	-0.40	0.76	0.68	1.77
0.34	0.20	0.14	0.20	0.20	0.13	0.48	0.31	0.28	0.40	0.26	0.34
4.77	4.52	4.00	3.58	3.45	3.09	4.73	12.9	22.4	18.5	11.6	6.41

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.59	2.58	2.53	2.48	2.46	2.42	2.57	3.02	3.26	3.16	2.98	2.72
0.02	0.01	0.00	0.01	0.01	0.00	0.03	0.02	0.02	0.03	0.01	0.02
0.14	0.09	0.06	0.08	0.07	0.05	0.18	0.13	0.14	0.17	0.11	0.13
0.82	-0.06	0.97	1.01	2.16	0.78	0.78	0.65	-1.00	0.04	0.12	1.16
0.05	0.03	0.02	0.03	0.03	0.02	0.07	0.04	0.04	0.05	0.04	0.05
7.90	7.87	7.72	7.56	7.51	7.38	7.83	9.23	9.96	9.66	9.10	8.30

07093700 ARKANSAS RIVER NEAR WELLSVILLE, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
711	18730	137	0.23	0.19	-0.151

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.84	0.01	0.08	-0.16	0.03	-0.113

07094500 ARKANSAS RIVER AT PARKDALE, COLO.

LOCATION.--Lat 38°29'14", long 105°22'23", in NE¼NW¼ sec.18, T.18 S., R.71 W., Fremont County, on left bank at Parkdale, 100 ft (30 m) upstream from Bumback Gulch, 300 ft (91 m) upstream from bridge on U.S. Highway 50, and 0.9 mi (1.4 km) upstream from Copper Gulch.

DRAINAGE AREA.--2,548 mi² (6,599 km²).

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs, diversions for irrigation of about 35,000 acres (142 km²) above station, and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT PARKDALE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1947			1	14	39	65	26	30	24	7	3	2	8	2	18	15	9	8	6	8	17	6	6	4	7	4	5	7	11	7	2	1	1		2
1948				1		5	23	66	78	10	11	13	6	7	21	7	12	16	8	7	20	2	11	6	3	1	9	3	4	2	3	1	10		
1949						8	74	55	42	14	14	6	4	3	15	8	15	9	16	5	9	5	5	12	7	4	4	2	10	8	3	2	4	2	
1950				7	24	28	34	66	48	32	19	9	4	4	2	8	10	15	3	8	10	4	11	5	5	1	1	7							
1951			3	7	52	68	48	40	7	4	5	3	4	8	13	8	3	4	5	8	7	10	13	15	6	4	8	10	2						
1952			5	21	30	21	67	24	20	9	10	10	5	3	6	9	9	4	9	4	10	4	20	10	6	8	7	8	4	3	5	10	2	2	1
1953				15	23	33	48	62	48	25	6	2	3	4	10	6	8	5	4	1	5	2	7	7	8	15	5	2	1	3	2	2	3		
1954			7	33	47	41	42	39	33	22	16	5	14	17	6	5	10	8	3	4	6		3	3	1										
1955			3	36	64	35	63	38	11	4	1	7	13	8	14	15	9	6	8	7	7	1	7	5	3										
1965					21	66	55	32	21	7	2	2	1	2	1	12	11	14	17	7	11	8	8	5	6	5	13	11	3	11	6	7			
1966						2	9	30	48	29	31	29	25	14	37	35	7	12	14	14	16	9	4												
1967				17	35	69	75	31	5	2	8	10	13	6	9	10	10	6	10	7	20	3	9	6	1	3									
1968					33	53	38	51	39	10	9	2	2	6	14	12	1	8	17	6	14	5	7	12	6	5	8	2	4	1	1				
1969				7	33	46	42	39	23	20	21	9	3	9	4	3	3	2	6	11	14	6	17	19	9	8	5	6							
1970					4	48	31	27	39	18	15	9	11	6	9	6	10	11	19	24	13	4	4	4	4	11	12	7	5	5	8	1			
1971		3		2	1	7	14	46	42	18	24	30	8	19	21	26	8	23	10	5	9	2	14	11	7	2	3	6	4						
1972				3	16	37	30	33	54	24	30	16	9	7	9	19	4	2	7	6	22	8	4	2	6	4	4	7	3						
1973				8	51	35	40	37	42	21	7		2	1	7	2	9	9	12	7	16	9	6	3	7	6	14	5	1	4	4				
1974			9	10	24	11	15	55	57	6	35	18	5	3	5	10	11	13	12	9	11	16	17	7	3	3									
1975		2		8	39	74	32	18	27	6	4	5	12	11	8	12	14	13	6	9	6	5	11	6	4	5	6	6	6	4	6				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	7304	100.0	12	600.0	152	2715	37.2	24	2000	99	578	7.9
1	200.00	5	7304	100.0	13	660.0	140	2563	35.1	25	2200	89	479	6.5
2	220.00	28	7299	99.9	14	730.0	229	2423	33.2	26	2400	104	390	5.3
3	240.00	189	7271	99.5	15	810.0	228	2194	30.0	27	2700	89	286	3.9
4	270.00	536	7082	97.0	16	900.0	173	1966	26.9	28	3000	58	197	2.6
5	300.00	752	6546	89.6	17	990.0	188	1793	24.5	29	3300	48	139	1.9
6	330.00	806	5794	79.3	18	1100.0	192	1605	22.0	30	3600	40	91	1.2
7	360.00	819	4988	68.3	19	1200.0	157	1413	19.3	31	4000	24	51	.6
8	400.00	708	4169	57.1	20	1300.0	243	1256	17.2	32	4400	20	27	.3
9	450.00	288	3461	47.4	21	1500.0	109	1013	13.9	33	4900	4	7	
10	490.00	271	3173	43.4	22	1600.0	184	904	12.4	34	5400	3	3	
11	540.00	187	2902	39.7	23	1800.0	142	720	9.9					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT PARKDALE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1947	5490.0	1	5200.0	1	4390.0	4	3710.0	5	3370.0	5	2670.0	6	2220.0	5	1940.0	5	1470.0	5
1948	4700.0	4	4630.0	4	4580.0	2	4330.0	2	3580.0	3	2690.0	5	2210.0	6	1900.0	6	1470.0	6
1949	5220.0	3	4910.0	2	4740.0	1	4040.0	3	3690.0	2	2890.0	3	2370.0	3	2030.0	3	1560.0	3
1950	2930.0	15	2910.0	14	2830.0	13	2420.0	14	2040.0	15	1700.0	15	1400.0	16	1200.0	16	920.0	16
1951	3020.0	13	2980.0	13	2710.0	15	2390.0	15	2270.0	13	2100.0	10	1850.0	11	1610.0	10	1200.0	10
1952	5400.0	2	4880.0	3	4550.0	3	4460.0	1	3920.0	1	3010.0	2	2560.0	2	2280.0	1	1710.0	2
1953	4690.0	5	4600.0	5	4210.0	5	3610.0	6	2930.0	8	2300.0	8	1900.0	9	1590.0	11	1150.0	13
1954	2000.0	19	1930.0	19	1840.0	19	1430.0	20	1110.0	20	1000.0	20	890.0	20	770.0	20	609.0	20
1955	2090.0	18	2060.0	18	1910.0	18	1710.0	17	1560.0	17	1250.0	18	1110.0	19	971.0	19	759.0	19

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT PARKDALE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1965	4380.0	6	4240.0	6	4120.0	6	3800.0	4	3540.0	4	3060.0	1	2570.0	1	2220.0	2	1720.0	1
1966	1760.0	20	1660.0	20	1510.0	20	1440.0	19	1320.0	19	1230.0	19	1160.0	18	1080.0	18	897.0	17
1967	2340.0	16	2290.0	17	2020.0	17	1640.0	18	1530.0	18	1480.0	17	1260.0	17	1120.0	17	861.0	18
1968	3600.0	10	3430.0	10	3210.0	10	2610.0	12	2480.0	10	1920.0	13	1780.0	12	1550.0	12	1170.0	11
1969	2930.0	14	2870.0	15	2740.0	14	2430.0	13	2240.0	14	2070.0	11	1850.0	10	1620.0	9	1220.0	9
1970	4180.0	7	3990.0	7	3870.0	7	3540.0	7	2940.0	7	2710.0	4	2230.0	4	1970.0	4	1530.0	4
1971	3200.0	11	3150.0	11	3030.0	11	2800.0	10	2380.0	12	1980.0	12	1660.0	13	1480.0	13	1160.0	12
1972	3070.0	12	3050.0	12	2930.0	12	2780.0	11	2390.0	11	1890.0	14	1600.0	14	1360.0	14	1060.0	14
1973	3910.0	9	3710.0	9	3430.0	9	2820.0	9	2750.0	9	2290.0	9	1950.0	8	1740.0	7	1280.0	8
1974	2320.0	17	2290.0	16	2090.0	16	1810.0	16	1740.0	16	1570.0	16	1470.0	15	1300.0	15	983.0	15
1975	3920.0	8	3760.0	8	3700.0	8	3460.0	8	2960.0	6	2420.0	7	2010.0	7	1730.0	8	1330.0	7

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT PARKDALE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1948	237.00	7	240.00	7	251.00	7	266.00	5	363.00	16	378.00	16	384.00	17	388.00	15	415.00	14
1949	307.00	18	309.00	18	318.00	18	333.00	18	338.00	14	341.00	14	346.00	11	360.00	11	378.00	10
1950	251.00	14	263.00	15	281.00	15	299.00	14	315.00	12	338.00	13	354.00	14	363.00	12	394.00	12
1951	233.00	5	238.00	5	258.00	9	281.00	12	294.00	9	300.00	7	315.00	6	324.00	4	324.00	2
1952	236.00	6	239.00	6	245.00	4	252.00	3	271.00	3	298.00	5	316.00	7	328.00	6	336.00	5
1953	232.00	4	234.00	4	249.00	6	277.00	9	312.00	11	331.00	12	349.00	13	369.00	14	382.00	11
1954	238.00	8	241.00	8	245.00	5	250.00	2	263.00	1	286.00	2	310.00	4	331.00	7	361.00	9
1955	224.00	3	227.00	3	233.00	1	258.00	4	267.00	2	281.00	1	288.00	1	296.00	1	306.00	1
1966	293.00	17	298.00	17	306.00	17	329.00	17	402.00	18	420.00	18	440.00	18	461.00	18	533.00	18
1967	246.00	11	249.00	10	256.00	8	268.00	6	281.00	4	309.00	8	319.00	8	325.00	5	331.00	4
1968	256.00	15	263.00	16	275.00	13	277.00	10	288.00	7	310.00	9	324.00	9	340.00	9	359.00	8
1969	258.00	16	261.00	14	267.00	10	279.00	11	288.00	8	300.00	6	315.00	5	338.00	8	355.00	7
1970	250.00	12	260.00	12	269.00	12	274.00	7	316.00	13	330.00	11	347.00	12	364.00	13	429.00	16
1971	200.00	1	200.00	1	244.00	3	310.00	15	364.00	17	366.00	15	375.00	15	396.00	17	505.00	17
1972	240.00	9	261.00	13	277.00	14	296.00	13	310.00	10	319.00	10	332.00	10	356.00	10	402.00	13
1973	250.00	13	255.00	11	268.00	11	276.00	8	284.00	5	290.00	3	300.00	2	316.00	3	349.00	6
1974	242.00	10	246.00	9	284.00	16	320.00	16	350.00	15	381.00	17	381.00	16	392.00	16	426.00	15
1975	213.00	2	224.00	2	236.00	2	243.00	1	286.00	6	296.00	4	301.00	3	308.00	2	327.00	3

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
426	431	391	360	344	323	454	1111	2271	1716	1066	590
19730	6998	2264	2886	3003	2044	23930	134700	541700	430000	104200	36910
140	83.7	47.6	53.7	54.8	45.2	155	367	736	656	323	192
1.82	0.55	1.13	1.26	1.91	1.07	0.56	0.88	0.23	0.60	-0.03	1.40
0.33	0.19	0.12	0.15	0.16	0.14	0.34	0.33	0.32	0.38	0.30	0.33
4.50	4.55	4.12	3.79	3.63	3.41	4.79	11.7	23.9	18.1	11.2	6.22

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.61	2.63	2.59	2.55	2.53	2.51	2.63	3.02	3.33	3.20	3.01	2.75
0.01	0.01	0.00	0.00	0.00	0.00	0.02	0.02	0.02	0.03	0.02	0.02
0.12	0.08	0.05	0.06	0.06	0.06	0.14	0.14	0.15	0.17	0.15	0.13
1.42	-0.15	0.69	0.82	1.40	0.83	0.28	0.11	-0.63	-0.09	-1.10	0.63
0.05	0.03	0.02	0.02	0.02	0.02	0.05	0.05	0.05	0.05	0.05	0.05
7.83	7.87	7.76	7.65	7.59	7.51	7.89	9.06	9.99	9.60	9.01	8.25

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
792	24000	155	-0.22	0.20	0.077

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.89	0.01	0.09	-0.68	0.03	0.134

07095000 GRAPE CREEK NEAR WESTCLIFFE, COLO.

LOCATION.--Lat 38°11'10", long 105°28'59", in NW¼NW¼ sec.31, T.21 S., R.72 W., Custer County, on left bank 0.5 mi (0.8 km) upstream from water line of De Weese Reservoir at elevation 7,665 ft (2,336.3 m), 0.5 mi (0.8 km) downstream from Swift Creek, and 3.6 mi (5.8 km) northwest of Westcliffe.

DRAINAGE AREA.--320 mi² (829 km²).

REMARKS.--Diversions above station for irrigation of about 15,000 acres (60.7 km²).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
GRAPE CREEK NEAR WESTCLIFFE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1926														11	21	20	24	101	29	64	20	24	10	8	7	14	9	3							
1927												1	3	2	37	39	76	93	23	20	30	20	9	3	2	4	1	2							
1931												6	16	10	55	125	39	5	12	14	21	13	17	19	4	8	1								
1932													6	20	10	10	139	58	47	38	21	7	6	3	1										
1933											3	3	25	24	14	141	46	29	27	10	13	6	5	3	9	2	3	2							
1934								18		33	20	28	36	32	18	170	2	5	2	1															
1935											9	11	143	45	21	20	13	17	12	18	11	18	6	6	8	2	5								
1936					1			1		5	3	12	9	17	83	67	71	27	15	13	9	11	6	3	6		1		2						
1937											6	11	28	12	9	8	15	135	36	29	23	23	18	7	4	1									
1938													2	20	62	70	33	49	37	27	17	12	19	12	5										
1939									10	12	20	27	18	13	9	40	87	52	30	27	14	3	2		1										
1940											7	44	28	51	58	40	59	46	20	10	2	1													
1941													14	36	15	29	64	39	13	25	18	7	18	16	28	24	9	5	5						
1942															6	4	44	82	31	30	34	17	18	17	14	30	17	13	4	2	1		1		
1943									1	7	23	21	37	24	15	55	108	22	27	18	4	3													
1944												9	48	25	14	35	53	33	33	24	15	23	26	6	10	8	3	1							
1945										3	1	11	24	16	55	57	85	32	36	19	6	10	3	1	2	3	1								
1946					1	4	15	12	14	9	17	18	39	11	22	75	54	44	22	2	2	3	1												
1947													4	4	32	74	36	31	39	37	21	31	22	8	14	5	2	1	2	2					
1948													22	26	11	14	58	60	34	22	10	24	26	13	12	18	13	3							
1949													1	49	24	98	49	35	25	17	21	13	11	4	8	6	3	1							
1950										4	5	13	66	49	37	117	47	15	8	3	1														
1951									3	4	14	60	79	23	12	109	42	4	8	5	2														
1952											1	9	26	37	119	31	44	31	13	19	11	9	4	3	5	4									
1953												18	35	42	64	98	42	40	13	4	6	2	1												
1954									1	6	18	50	31	35	34	75	80	29	5	1															
1955										2	13	17	64	116	49	37	35	18	6	4	1				1	1		1							
1956										27	15	39	40	53	37	39	71	24	10	4	2	3	2												
1957													24	29	47	109	17	9	7	11	13	12	14	2	8	15	21	22	4		1				
1958							2	9	2	1	3		10	63	52	108	36	23	20	12	8	4	7	3	2										
1959											45	55	24	9	30	51	50	29	26	21	9	8	1	5	2										
1960													15	24	6	102	78	22	20	44	18	14	13	8	2										
1961													31	14	59	3	8	61	18	47	49	35	22	7	7	2	1	1							
1963									35	43	23	31	52	72	67	3	6	33																	
1964									2	21	21	36	152	27	4	16	47	10	8	11	3	4	1	1	1	1									
1965													11	25	115	11	14	29	50	14	20	17	14	24	3	6	7	2	2	1					
1966										2	1	6	9	18	40	103	36	20	68	35	11	4	6		1	3				1			1		
1967												3	4	28	50	126	32	38	34	17	17	8	3	2	2	1									
1968															5	21	86	69	23	53	48	28	10	5	7	7	1	2	1						
1969														4	13	74	63	74	40	25	20	10	15	9	13	1	2		2						
1970														1	5	30	28	46	62	47	26	46	37	17	8	8	2	2							
1971												5	17	11	15	34	41	81	70	27	36	13	8	4	2	1									
1972												3	28	88	55	65	51	61	14	1															
1973														17	23	88	41	16	19	18	36	25	43	7	18	9	5								
1974										8	24	20	48	38	8	106	82	14	12	5															
1975													9	21	41	101	41	10	19	30	20	17	17	9	16	6	6	1	1						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	16801	100.0	12	4.6	1278	15620	93.0	24	150	233	631	3.7
1	0.10	4	16801	100.0	13	6.1	1292	14342	85.4	25	210	190	398	2.3
2	0.20	0	16797	100.0	14	8.2	1578	13050	77.7	26	280	113	208	1.2
3	0.30	0	16797	100.0	15	11.0	2848	11472	68.3	27	370	62	95	.5
4	0.40	2	16797	100.0	16	15.0	2273	8624	51.3	28	500	23	33	.1
5	0.60	4	16795	100.0	17	20.0	1801	6351	37.8	29	670	6	10	
6	0.80	17	16791	99.9	18	27.0	1123	4550	27.1	30	900	2	4	
7	1.00	40	16774	99.8	19	36.0	923	3427	20.4	31	1200		2	
8	1.40	68	16734	99.6	20	48.0	669	2504	14.9	32	1600	2	2	
9	1.90	187	16666	99.2	21	64.0	528	1835	10.9	33				
10	2.50	292	16479	98.1	22	86.0	441	1307	7.8	34				
11	3.40	567	16187	96.3	23	120.0	235	866	5.2					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
GRAPE CREEK NEAR WESTCLIFFE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1926	398.0	17	374.0	12	323.0	8	292.0	6	246.0	5	169.0	6	140.0	5	121.0	6	90.0	6
1927	419.0	16	367.0	13	234.0	18	138.0	22	85.0	24	64.0	26	55.0	23	53.0	22	48.0	20
1931	316.0	21	285.0	20	223.0	19	170.0	19	146.0	16	111.0	15	104.0	13	86.0	13	61.0	15
1932	160.0	34	143.0	33	123.0	31	92.0	30	67.0	30	55.0	28	51.0	27	45.0	27	36.0	27
[illegible]	462.0	12	380.0	11	239.0	16	198.0	16	128.0	19	97.0	17	80.0	16	65.0	18	47.0	21
[illegible]	43.0	42	34.0	43	29.0	44	21.0	46	17.0	46	14.0	46	13.0	46	13.0	45	12.0	45
[illegible]	309.0	22	302.0	19	279.0	13	218.0	11	142.0	17	102.0	16	79.0	17	67.0	17	49.0	18

07095000 GRAPE CREEK NEAR WESTCLIFFE, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
GRAPE CREEK NEAR WESTCLIFFE, CO.

YEAR	1	3	7	15	30	60	90	120	183
1936	642.0 7	515.0 6	323.0 9	188.0 17	128.0 18	84.0 19	60.0 21	49.0 23	39.0 24
1937	234.0 24	178.0 28	145.0 26	122.0 24	107.0 22	94.0 18	75.0 18	63.0 19	48.0 19
1938	200.0 29	179.0 27	152.0 23	135.0 23	115.0 20	83.0 20	70.0 20	60.0 20	51.0 17
1939	166.0 33	104.0 34	85.0 34	68.0 33	56.0 31	43.0 32	36.0 32	31.0 32	26.0 32
1940	70.0 39	42.0 40	38.0 40	33.0 40	31.0 37	26.0 37	24.0 35	22.0 36	19.0 37
1941	630.0 8	576.0 5	547.0 3	438.0 3	348.0 3	280.0 3	226.0 3	185.0 3	142.0 3
1942	1740.0 1	1090.0 1	862.0 1	531.0 1	414.0 1	379.0 1	309.0 1	260.0 1	188.0 1
1943	81.0 38	69.0 38	51.0 36	43.0 36	40.0 34	31.0 34	27.0 33	24.0 33	22.0 33
1944	440.0 13	310.0 17	235.0 17	203.0 14	168.0 10	134.0 10	115.0 11	100.0 11	76.0 11
1945	307.0 23	275.0 22	146.0 24	107.0 26	80.0 26	48.0 30	37.0 31	38.0 29	34.0 28
1946	104.0 35	71.0 37	42.0 38	29.0 41	27.0 38	26.0 38	24.0 36	22.0 34	19.0 34
1947	876.0 4	741.0 3	533.0 4	318.0 4	230.0 6	157.0 8	133.0 8	112.0 8	88.0 7
1948	388.0 18	353.0 14	307.0 12	272.0 8	249.0 4	173.0 5	177.0 4	154.0 4	110.0 4
1949	465.0 11	303.0 18	245.0 15	218.0 12	160.0 12	116.0 14	94.0 15	79.0 15	58.0 16
1950	57.0 40	40.0 41	33.0 42	29.0 42	25.0 42	20.0 44	18.0 43	16.0 44	15.0 43
1951	57.0 41	43.0 39	38.0 39	34.0 38	26.0 40	21.0 42	18.0 44	17.0 42	15.0 44
1952	243.0 25	225.0 24	209.0 21	162.0 20	107.0 23	69.0 23	54.0 26	46.0 26	37.0 26
1953	99.0 37	77.0 36	49.0 37	35.0 37	26.0 41	23.0 39	21.0 39	20.0 38	19.0 35
1954	36.0 44	28.0 45	24.0 45	22.0 44	20.0 45	20.0 43	19.0 40	17.0 43	16.0 42
1955	374.0 19	249.0 23	126.0 29	65.0 34	37.0 35	27.0 36	23.0 38	20.0 39	17.0 41
1956	104.0 36	92.0 35	75.0 35	46.0 35	31.0 36	28.0 35	24.0 37	22.0 35	19.0 36
1957	1000.0 3	675.0 4	552.0 2	440.0 2	396.0 2	368.0 2	288.0 2	232.0 2	159.0 2
1958	171.0 31	156.0 31	114.0 32	101.0 28	79.0 28	53.0 29	44.0 29	37.0 31	27.0 31
1959	190.0 30	159.0 29	104.0 33	75.0 32	55.0 32	43.0 31	44.0 30	38.0 30	30.0 29
1960	170.0 32	150.0 32	134.0 27	115.0 25	80.0 27	69.0 24	55.0 24	54.0 21	46.0 22
1961	425.0 14	281.0 21	193.0 22	146.0 21	109.0 21	81.0 22	74.0 19	74.0 16	68.0 13
1963	22.0 46	22.0 46	22.0 46	22.0 45	22.0 44	17.0 45	14.0 45	12.0 46	10.0 46
1964	214.0 28	181.0 26	123.0 30	82.0 31	51.0 33	32.0 33	26.0 34	21.0 37	18.0 38
1965	845.0 5	513.0 7	390.0 6	292.0 5	208.0 7	178.0 4	139.0 6	115.0 7	87.0 8
1966	1620.0 2	898.0 2	490.0 5	262.0 9	148.0 15	83.0 21	59.0 22	48.0 24	38.0 25
1967	224.0 26	192.0 25	146.0 25	101.0 29	73.0 29	58.0 27	46.0 28	39.0 28	30.0 30
1968	546.0 10	479.0 8	359.0 7	273.0 7	195.0 8	118.0 13	98.0 14	90.0 12	75.0 12
1969	650.0 6	338.0 15	217.0 20	199.0 15	155.0 13	134.0 11	104.0 12	85.0 14	65.0 14
1970	419.0 15	395.0 10	320.0 10	211.0 13	150.0 14	130.0 12	119.0 10	102.0 9	85.0 9
1971	215.0 27	159.0 30	134.0 28	103.0 27	83.0 25	68.0 25	54.0 25	46.0 25	40.0 23
1972	36.0 45	34.0 44	31.0 43	26.0 43	24.0 43	22.0 40	19.0 41	17.0 40	18.0 39
1973	344.0 20	335.0 16	274.0 14	185.0 18	161.0 11	149.0 9	139.0 7	123.0 5	95.0 5
1974	41.0 43	40.0 42	37.0 41	33.0 39	27.0 39	21.0 41	18.0 42	17.0 41	17.0 40
1975	600.0 9	433.0 9	319.0 11	258.0 10	195.0 9	164.0 7	123.0 9	101.0 10	81.0 10

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
GRAPE CREEK NEAR WESTCLIFFE, CO.

YEAR	1	3	7	14	30	60	90	120	183
1926	2.70 19	3.00 19	3.20 18	3.50 16	5.30 19	9.80 30	9.70 26	14.00 34	24.00 40
1927	6.60 39	6.90 38	7.30 38	7.70 36	8.50 34	9.10 28	12.00 33	14.00 35	15.00 32
1928	4.20 31	4.60 32	6.30 33	7.90 37	11.00 39	16.00 43	19.00 44	19.00 42	26.00 42
1931	1.00 4	1.00 4	1.00 3	1.10 2	4.40 15	8.90 25	11.00 31	11.00 26	11.00 24
1932	4.00 28	4.00 27	4.40 26	4.90 23	5.90 21	8.90 26	16.00 39	17.00 38	18.00 35
1933	6.00 35	6.00 35	6.40 34	6.60 33	7.30 28	11.00 34	11.00 32	12.00 30	12.00 25
1934	3.00 21	3.00 20	3.70 20	5.90 31	6.70 26	9.00 27	9.10 24	9.90 21	10.00 20
1935	1.00 5	1.00 5	1.00 4	1.10 3	1.50 2	2.00 2	2.90 3	3.40 2	4.00 2
1936	3.00 22	3.70 24	4.90 27	5.70 28	10.00 36	10.00 31	10.00 27	11.00 27	13.00 29
1937	0.11 1	0.10 1	0.56 1	2.80 12	8.00 31	12.00 37	16.00 40	17.00 39	28.00 44
1938	2.60 18	2.70 18	3.00 15	3.90 19	6.70 27	8.10 23	8.10 18	8.40 18	9.40 16
1939	6.40 37	6.70 37	6.80 37	8.60 40	12.00 44	13.00 38	14.00 36	17.00 40	21.00 38
1940	1.40 6	1.40 6	1.50 6	1.70 5	2.30 5	4.00 7	4.80 8	4.60 6	6.60 8
1941	3.00 23	3.10 21	3.70 21	3.90 20	4.20 13	5.80 14	6.30 11	7.20 13	7.90 13
1942	6.50 38	7.20 39	7.80 39	8.20 39	11.00 40	20.00 45	21.00 45	23.00 45	27.00 43
1943	3.60 26	4.10 28	5.00 29	6.50 32	12.00 41	15.00 41	16.00 41	16.00 37	18.00 36
1944	1.80 10	1.90 8	2.30 11	2.60 11	3.90 11	6.00 15	6.50 12	6.80 11	7.50 11
1945	4.00 27	4.00 25	4.30 24	4.70 21	5.20 18	6.00 16	6.60 14	7.40 14	9.50 17
1946	2.20 17	2.20 14	4.00 23	4.80 22	4.90 17	7.00 18	8.70 23	11.00 28	12.00 26
1947	0.41 2	0.54 2	0.73 2	0.81 1	0.90 1	1.40 1	2.40 2	4.70 7	6.50 6
1948	11.00 46	12.00 46	13.00 45	14.00 45	15.00 45	17.00 44	19.00 42	21.00 43	24.00 41
1949	5.00 33	5.30 34	5.60 32	5.80 30	6.00 22	6.90 17	8.60 21	10.00 22	11.00 21
1950	6.00 36	6.30 36	6.70 35	7.40 35	7.50 29	8.10 24	9.40 25	10.00 23	11.00 22
1951	2.00 13	2.20 15	2.60 13	3.00 13	4.20 12	5.40 11	5.50 9	6.10 10	6.70 9
1952	1.60 8	1.90 9	2.70 14	3.30 14	3.80 10	4.10 8	4.40 7	5.00 8	5.40 4
1953	4.50 32	4.50 30	4.90 28	5.70 29	6.60 25	7.20 19	8.20 19	8.40 19	9.60 18
1954	3.50 24	3.60 23	3.80 22	3.80 17	4.40 14	5.10 10	6.50 13	8.00 15	11.00 23
1955	1.60 9	2.10 12	2.50 12	2.50 10	3.30 8	4.60 9	6.20 10	5.90 9	6.50 7
1956	2.20 14	2.40 16	3.10 16	3.50 15	4.50 16	5.70 12	6.70 15	8.30 17	8.80 15
1957	1.90 11	1.90 10	1.90 8	2.00 7	2.10 4	3.90 6	3.90 5	4.00 3	5.00 3
1958	8.00 41	8.00 41	8.00 40	8.00 38	8.00 32	8.00 22	8.70 22	9.30 20	10.00 19
1959	0.81 3	0.87 3	1.20 5	1.30 4	3.30 9	3.40 4	3.70 4	4.60 4	7.40 10
1960	2.90 20	3.30 22	3.60 19	3.90 18	5.70 20	9.80 29	11.00 28	11.00 24	12.00 27

07095000 GRAPE CREEK NEAR WESTCLIFFE, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
GRAPE CREEK NEAR WESTCLIFFE, CO.

YEAR	1	3	7	14	30	60	90	120	183
1961	5.20 34	5.20 33	5.30 31	5.60 27	6.00 23	7.40 21	8.30 20	12.00 29	14.00 30
1964	1.50 7	1.50 7	1.60 7	1.80 6	1.90 3	2.10 3	2.10 1	2.80 1	3.10 1
1965	2.00 12	2.00 11	2.10 9	2.20 8	2.80 6	5.70 13	6.70 16	7.20 12	7.80 12
1966	9.80 45	10.00 44	10.00 44	10.00 41	10.00 37	11.00 35	11.00 29	14.00 31	23.00 39
1967	2.20 15	2.50 17	3.20 17	5.50 26	9.10 35	10.00 32	11.00 30	11.00 25	12.00 28
1968	4.20 29	4.50 31	6.70 36	7.00 34	7.60 30	12.00 36	14.00 37	19.00 41	21.00 37
1969	9.40 43	9.50 43	9.80 43	10.00 42	11.00 38	13.00 39	14.00 38	14.00 32	16.00 34
1970	7.50 40	7.50 40	8.40 41	11.00 43	12.00 42	16.00 42	19.00 43	22.00 44	31.00 45
1971	9.80 44	11.00 45	14.00 46	17.00 46	21.00 46	23.00 46	24.00 46	26.00 46	40.00 46
1972	4.20 30	4.30 29	4.40 25	5.10 24	8.50 33	10.00 33	13.00 34	15.00 36	15.00 33
1973	3.60 25	4.00 26	5.20 30	5.30 25	6.10 24	7.30 20	7.50 17	8.10 16	8.40 14
1974	8.90 42	8.90 42	9.60 42	12.00 44	12.00 43	13.00 40	14.00 35	14.00 33	14.00 31
1975	2.20 16	2.20 13	2.30 10	2.50 9	3.10 7	3.90 5	4.40 6	4.60 5	5.80 5

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
16.0	17.2	14.2	12.8	15.2	29.7	51.0	48.9	81.5	50.1	33.8	17.9
255	103	30.4	21.2	40.3	291	3093	3334	8155	4431	1552	367
16.0	10.1	5.52	4.61	6.35	17.1	55.6	57.7	90.3	66.6	39.4	19.2
2.48	1.67	0.71	0.25	0.34	1.24	3.43	2.66	1.50	2.71	2.06	1.88
1.00	0.59	0.39	0.36	0.42	0.57	1.09	1.18	1.11	1.33	1.17	1.07
4.13	4.44	3.65	3.30	3.91	7.65	13.1	12.6	21.0	12.9	8.70	4.61

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.07	1.18	1.12	1.08	1.14	1.41	1.56	1.46	1.54	1.37	1.30	1.07
0.10	0.05	0.03	0.03	0.04	0.06	0.12	0.21	0.45	0.34	0.20	0.15
0.31	0.22	0.18	0.18	0.21	0.25	0.34	0.46	0.67	0.58	0.44	0.38
0.89	0.45	-0.39	-0.91	-0.85	-0.13	0.56	0.15	-0.34	-0.16	0.42	0.69
0.29	0.19	0.16	0.17	0.18	0.18	0.22	0.32	0.44	0.42	0.34	0.36
7.03	7.70	7.32	7.05	7.45	9.21	10.2	9.53	10.1	8.98	8.49	6.99

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
32.4	487	22.1	1.39	0.68	0.066

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.42	0.09	0.29	0.02	0.21	0.043

07096000 ARKANSAS RIVER AT CANON CITY, COLO.

LOCATION.--Lat 38°26'02", long 105°15'24", in SE¼SE¼ sec.31, T.18 S., R.70 W., Fremont County, on right bank 800 ft (240 m) upstream from Sand Creek, 0.7 mi (1.1 km) downstream from Grape Creek, and 0.7 mi (1.1 km) upstream from First Street Bridge in Canon City.

DRAINAGE AREA.--3,117 mi² (8,073 km²).

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs, power developments, diversions for irrigation of about 56,000 acres (227 km²), and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT CANON CITY, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1891												6	15	27	137	37	14	14	14	15	10	7	14	17	6	11	6	14	1						
1892												8	13	44	144	32	18	14	6	20	8	3	5	18	12	8	4	6	1	2					
1893									2		5	8	4	27	167	58	16	13	4	5	4	1	2	14	7	9	8	5	3	3					
1894												4	66	34	93	19	45	9	10	10	7	9	15	6	13	11	7	3	4						
1897				2	1	9	4	1	4	73	83	14	26	19	13	17	12	5	4	13	10	6	4	12	15	7	10	1							
1898							5	17	8	7	73	64	43	19	20	26	5	2	10	11	1	6	6	12	17	7	6								
1899							10	10	14	14	88	48	24	7	2	45	3	2	5	8	9	3	2	9	15	19	11	6	11						
1900								8	61	7	40	67	32	36	10	9	9	7	12	5	4	3	2	8	4	8	10	8	12	3					

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT CANON CITY, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1901									50	21	121	25	14	19	22	7	15	11	2	6	2	3	1	15	19	9	1	2							
1902					3	1	8	8	29	21	124	91	30	10	8	16	1	4	2	5	4														
1903								1		20	85	77	39	26	20	23	8	5	3	5	7	5	7	10	5	5	2	2	5	5					
1904					6	2	15	26	17	74	47	33	6	5	4	27	22	3	14	25	18	15	2	5											
1905							1	3	2	26	56	37	48	18	20	25	19	20	18	23	5	2	4	10	4	5	2	2	2	5	6	2			
1906									2	13	8	95	50	39	27	16	11	4	8	17	10	9	18	14	14	2	2	4		2					
1907											1	91	37	50	20	23	37	4	10	9	10	4	4	12	16	7	7	11	6	6					
1908						1	6	1	13	1	4	156	33	73	8	10	6	7	15	9	8	5	9	1											
1909							8	2	7	12	132	54	1	4	2	1	12	20	8	19	19	7	9	5	5	13	14	7	3		1				
1910										12	18	39	30	54	48	64	20	6	2	3	16	12	12	11	8	4	5	1							
1911									5	29	96	52	26	27	9	10	4	8	8	12	14	7	4	12	17	18	4	3							
1912									3	2	23	65	50	39	15	24	12	25	17	10	3	2	3	10	27	16	13	5	2						
1913									5	2	33	92	90	31	20	7	3	8	10	20	11	13	10	10											
1914												148	62	30	6	4	4	5	9	15	3	4	2	13	24	17	10	6	2	1					
1915											5	43	60	93	45	16	18	10	8	12	17	7	7	11	4	6	3								
1916										2	1	78	55	54	22	10	18	22	13	10	10	10	10	11	26	6	8								
1917											5	21	51	79	84	17	12	10	10	11	8	6	3	12	3	6	7	9	8	3					
1918					1		1		3	8	58	81	52	22	9	11	24	15	3	15	4	12	11	12	2	3	2	3	5	8					
1919											2	41	45	72	41	23	18	19	18	20	16	5	10	16	7	10	2								
1920								2	5	5	11	45	41	80	38	23	6	6	5	17	13	11	8	9	9	12	15	4	1						
1921									2	9	40	40	42	56	34	22	7	11	14	16	9	4	4	5	6	23	7	6	4	4					
1922										2	20	60	56	72	22	22	5	14	18	16	6	6	10	11	15	8	2								
1923										18	102	62	23	2	1	11	15	24	17	8	10	3	8	13	26	19	3								
1924										6	16	6	43	48	53	19	36	35	20	21	4	8	6	13	15	3	3	3	4	3	1				
1925							8	9	9	23	60	80	51	12	16	14	20	9	11	13	17	9	4													
1926										12	71	97	34	13	19	15	8	6	6	19	16	11	11	4	12	2	7	2							
1927									10	33	81	52	26	11	2	20	27	16	9	8	5	4	18	18	19	4		2							
1928										7	63	41	67	44	12	8	8	6	16	24	19	17	10	8	7	3	1	4	1						
1929										5	93	85	13	15	10	6	1	3	13	30	27	14	15	17	11	7									
1930										1	33	60	39	69	20	15	28	13	18	18	15	7	8	15	6										
1931						3	8	8	17	34	134	57	27	11	13	5	13	8	8	13	6														
1932							5	54	24	39	73	27	17	10	3	5	12	16	8	5	7	17	15	15	11	2	1								
1933						9	12	14	44	36	82	48	22	20	9	4	6	3	6	10	4	3	7	3	8	14	1								
1934							10	46	49	64	89	33	9	7	22	3	2	1	9	9	10	2													
1935			2	13	5	7	8	58	38	61	45	5	4	5	7	12	10	6	9	10	10	5	11	11	7	5	5	4	2						
1936						2	6	12	17	23	30	78	30	9	12	6	5	7	10	12	32	20	10	16	19	10									
1937								2	23	45	57	50	27	29	23	19	13	12	11	16	12	2	7	13	4										
1938							11	10	51	29	59	41	5	17	14	14	19	16	9	14	4	7	7	3	9	20	5	1							
1939							2	5	11	24	69	43	48	35	16	15	7	12	14	20	17	10	5	8	4										
1940			8	15	7	23	41	40	52	36	43	14	7	6	14	8	9	18	15	6	4														
1941					2	3	3	8	34	60	62	41	16	13	8	11	4	4	9	6	23	23	5	16	1	2	1	3	5	2					
1942									1	3	35	62	53	27	24	17	11	12	9	8	12	8	16	13	17	7	11	11	7	1					
1943											2	50	98	43	13	15	7	9	13	22	29	19	17	4	15	8	1								
1944								2	3	9	92	71	35	25	12	6	13	6	18	21	11	5	2	8	6	15	6								
1945								20	27	28	89	40	2	5	13	9	25	18	18	18	13	13	9	10	7	1									
1946								10	9	18	85	65	31	7	11	15	11	19	17	29	12	5	5	2	6	8									
1947							1	8	14	42	76	41	14	9	8	10	8	23	12	18	21	8	3	7	11	8	12	7	2	2					
1948									6	4	9	29	78	60	19	21	9	13	20	24	15	10	6	8	4	9	7	3	4	8					
1949									4	36	77	60	27	12	5	8	13	16	14	17	10	6	5	16	6	3	6	14	4	6					
1950								7	34	17	63	88	37	21	6	2	8	19	8	16	8	10	9	3	3	6									
1951							4	38	41	34	75	33	7	5	7	10	16	5	5	12	18	18	10	9	17	1									
1952							1	14	8	23	58	71	29	14	6	4	11	12	9	12	14	16	10	17	11	6	12	3	4	1					
1953						2	4	13	31	28	59	70	36	21	7	6	6	11	6	7	5	9	6	21	6	1	3	4	3						
1954						5	8	31	55	49	19	49	44	34	19	11	5	10	10	9		4	3												
1955							10	22	41	45	90	45	3	6	15	12	18	10	10	15	6	11	3	3											
1956							4	15	53	40	71	57	16	7	10	15	10	7	19	5	4	1	1	6	11	8	2	4							
1957						1	10	21	26	26	90	35	8		4	19	6	7	3	9	6	10	9	6	7	6	6	12	10	6	7	5	5	3	2
1958										6	6	30	22	65	81	29	10	17	22	23	14	8	4	9	1	1	5	5	2	5					
1959		1			9	4	9	8	20	25	78	63	27	5	12	10	13	18	19	12	7	3	4	4	11	3									
1960									9	37	69	34	25	23	25	33	19	12	9	7	14	15	7	7	5	5	5	6							
1961								16	11	14	106	56	20	13	8	4	3	18	14	29	17	8	12	7	7	2									
1962											2	29	53	29	38	43	34	10	5	20	35	16	5	7	12	10	9	8							
1963					1	3	4	11	14	39	98	67	20	10	13	9	12	18	22	9	8	3	3	1											
1964		1	5	4	3	11	15	33	77	48	49	13	2		3	2	4	19	12	13	21	7	10	6	2	5	1								
1965							11	17	20	15	74	30	28	7	4	4	1	17	12	26	11	14	6	6	6	12	15	10	10	6	3				
1966							2	6	12	5	25	38	31	16	56	35	37	26	10	23	18	13	9	2	1										
1967					7	13	17	26	28	45	72	23	11	4	8	18	10	11	9	13	14	16	6	8	3	3									
1968							4	9	25	35	60	59	28	9	6	26	5	4	4	22	9	9	10	6	13	14	5	4							
1969							9	13	61	38	44	31	40	9	10	2	4	4	2	15	11	8	20	17	15	4	7	1							
1970									1	16	52	45	32	29	16	4	14	15	9	21	35	13	2	8	5	19	7	12	9	1					
1971						1	2		6	5	34	56	33	38	30	17	24	18	16	22	11	9	10	15	5	4	8	1							
1972							4	4	21	27	79	73	29	16	9	3	23	2	2	12	24	8	4	4	8	11	3								
1973							9	7	9	37	109	52	9	8	3	4	6	5	7	15	18	16	3	7	8	14	9	3	6	1					
1974		1	3	3	5	4	9	9	30	41	30	34	23	10	41	9	6	16	14	19	7	22	16	8	5										
1975							3	22	19	42	91	27	6	5	5	7	17	23	13	16	9	6	11	4	10	9	6	10	4						

07096000 ARKANSAS RIVER AT CANON CITY, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT CANON CITY, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	30314	100.0	12	360.0	2606	17205	56.8	24	2100	703	2099	6.9
1	69.00	3	30314	100.0	13	410.0	2134	14599	48.2	25	2500	544	1396	4.6
2	80.00	18	30311	100.0	14	480.0	1931	12465	41.1	26	2900	341	852	2.8
3	93.00	37	30293	99.9	15	560.0	1293	10534	34.7	27	3300	245	511	1.6
4	110.00	50	30256	99.8	16	650.0	1066	9241	30.5	28	3900	147	266	.8
5	130.00	104	30206	99.6	17	750.0	968	8175	27.0	29	4500	84	119	.3
6	150.00	312	30102	99.3	18	870.0	890	7207	23.8	30	5200	18	35	.1
7	170.00	727	29790	98.3	19	1000.0	1203	6317	20.8	31	6000	7	17	
8	200.00	1327	29063	95.9	20	1200.0	975	5114	16.9	32	7000	5	10	
9	230.00	1793	27736	91.5	21	1400.0	696	4139	13.7	33	8100	3	5	
10	260.00	4509	25943	85.6	22	1600.0	601	3443	11.4	34	9400	2	2	
11	310.00	4229	21434	70.7	23	1800.0	743	2842	9.4					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT CANON CITY, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1891	4230.0	30	3950.0	30	3630.0	29	3500.0	23	3020.0	22	2530.0	19	2160.0	13	1900.0	12	1470.0	8
1892	4750.0	17	4490.0	18	4060.0	19	3520.0	22	2920.0	27	2410.0	26	1980.0	27	1680.0	27	1280.0	28
1893	4750.0	18	4660.0	14	4380.0	15	3810.0	17	3180.0	16	2540.0	17	1920.0	29	1580.0	33	1230.0	32
1894	4400.0	26	4340.0	22	3760.0	25	3390.0	24	3010.0	24	2420.0	25	2050.0	21	1720.0	24	1330.0	21
1897	3400.0	42	3280.0	42	3200.0	39	2850.0	38	2700.0	32	2220.0	31	1790.0	34	1490.0	40	1070.0	47
1898	3250.0	47	3210.0	44	3080.0	41	2770.0	45	2440.0	44	2090.0	37	1670.0	45	1350.0	54	1010.0	52
1899	4430.0	25	4410.0	21	4330.0	16	4100.0	10	3530.0	10	3050.0	4	2580.0	3	2100.0	5	1550.0	5
1900	4520.0	24	4500.0	17	4390.0	14	4260.0	7	3770.0	6	2980.0	6	2300.0	9	1860.0	13	1360.0	17
1901	3800.0	35	3520.0	36	2960.0	46	2780.0	44	2500.0	41	2040.0	41	1580.0	54	1330.0	56	1000.0	53
1902	1290.0	83	1260.0	83	1200.0	82	1010.0	82	799.0	83	626.0	83	517.0	83	472.0	83	420.0	83
1903	4930.0	10	4860.0	7	4670.0	8	4070.0	11	3160.0	18	2300.0	30	1720.0	40	1420.0	47	1080.0	45
1904	2070.0	73	1860.0	74	1630.0	76	1570.0	74	1490.0	73	1340.0	73	1160.0	74	1050.0	71	816.0	70
1905	6690.0	2	6270.0	2	5770.0	2	5310.0	2	3980.0	3	2700.0	11	2110.0	16	1790.0	21	1340.0	18
1906	4630.0	22	4310.0	23	3820.0	24	3040.0	33	2460.0	43	2170.0	32	1840.0	33	1560.0	34	1200.0	34
1907	5120.0	7	4810.0	8	4690.0	7	4330.0	5	3800.0	5	3050.0	5	2510.0	5	2090.0	6	1530.0	6
1908	1900.0	75	1770.0	77	1730.0	73	1590.0	73	1380.0	74	1100.0	77	932.0	77	818.0	77	657.0	76
1909	5400.0	4	3970.0	29	3590.0	30	3390.0	25	3210.0	15	2460.0	22	2050.0	22	1910.0	10	1420.0	13
1910	3300.0	46	3180.0	45	3080.0	42	2540.0	52	2230.0	51	1930.0	50	1590.0	53	1340.0	55	1040.0	50
1911	3490.0	41	3420.0	39	2970.0	45	2810.0	41	2730.0	31	2400.0	27	1990.0	26	1700.0	25	1240.0	30
1912	4000.0	31	3910.0	31	3660.0	27	3190.0	31	2840.0	28	2600.0	14	2220.0	11	1850.0	16	1370.0	16
1913	2060.0	74	1960.0	72	1840.0	72	1780.0	70	1670.0	68	1430.0	71	1250.0	68	1040.0	74	829.0	66
1914	4800.0	13	3990.0	27	3670.0	26	3210.0	29	2780.0	29	2650.0	13	2350.0	8	1970.0	8	1430.0	9
1915	2980.0	55	2930.0	53	2810.0	50	2450.0	56	2120.0	55	1710.0	59	1440.0	58	1230.0	59	979.0	56
1916	3050.0	51	2950.0	51	2940.0	47	2730.0	47	2490.0	42	2130.0	35	1860.0	32	1670.0	28	1290.0	27
1917	4760.0	16	4680.0	11	4470.0	11	4200.0	9	3660.0	7	2740.0	10	2180.0	12	1810.0	18	1340.0	19
1918	4950.0	9	4920.0	6	4820.0	5	4410.0	4	3380.0	12	2510.0	20	2000.0	25	1660.0	30	1240.0	31
1919	3030.0	53	2940.0	52	2800.0	53	2550.0	50	2070.0	59	1930.0	51	1630.0	51	1440.0	44	1160.0	37
1920	3930.0	32	3690.0	34	3360.0	34	3210.0	30	2970.0	25	2460.0	23	2070.0	19	1790.0	19	1310.0	24
1921	4980.0	8	4790.0	10	4530.0	10	3940.0	15	3390.0	11	2800.0	9	2270.0	10	1930.0	9	1420.0	10
1922	2940.0	58	2860.0	54	2810.0	51	2610.0	48	2390.0	46	1990.0	47	1610.0	52	1420.0	48	1070.0	48
1923	3130.0	48	2980.0	50	2800.0	52	2610.0	49	2600.0	38	2350.0	28	2030.0	23	1750.0	23	1340.0	20
1924	5260.0	5	5120.0	4	4700.0	6	3970.0	14	3020.0	23	2460.0	24	1970.0	28	1690.0	26	1300.0	25
1925	1780.0	79	1680.0	79	1600.0	78	1470.0	76	1300.0	77	1180.0	75	1000.0	75	897.0	75	685.0	75
1926	3520.0	39	3390.0	40	3230.0	36	2910.0	36	2360.0	47	1940.0	49	1690.0	42	1430.0	45	1080.0	46
1927	3380.0	43	3150.0	47	2710.0	54	2450.0	57	2340.0	49	2060.0	40	1740.0	39	1490.0	41	1140.0	39
1928	3930.0	33	3840.0	32	3490.0	31	2920.0	35	2220.0	52	1910.0	52	1640.0	49	1470.0	42	1090.0	43
1929	2800.0	61	2720.0	60	2600.0	59	2400.0	58	2120.0	56	1710.0	60	1680.0	43	1560.0	35	1220.0	33
1930	2470.0	68	2320.0	67	2110.0	67	2000.0	65	1780.0	66	1410.0	72	1350.0	62	1180.0	63	938.0	61
1931	1390.0	81	1310.0	81	1250.0	81	1140.0	81	1030.0	80	851.0	79	698.0	80	605.0	80	499.0	79
1932	3040.0	52	2790.0	59	2460.0	62	2280.0	61	2080.0	58	1870.0	53	1570.0	55	1360.0	51	991.0	55
1933	3110.0	49	2860.0	55	2710.0	55	2540.0	51	2330.0	50	1730.0	58	1340.0	63	1080.0	67	796.0	72
1934	1460.0	80	1440.0	80	1340.0	80	1260.0	79	1130.0	78	813.0	81	648.0	82	570.0	82	449.0	81
1935	4260.0	29	3970.0	28	3490.0	32	3240.0	26	2640.0	35	2090.0	38	1710.0	41	1410.0	49	1010.0	51
1936	2820.0	60	2680.0	61	2550.0	60	2370.0	59	2110.0	57	1990.0	48	1770.0	35	1670.0	29	1300.0	26
1937	2420.0	69	2160.0	71	1990.0	69	1770.0	71	1520.0	72	1460.0	67	1230.0	71	1050.0	72	807.0	71
1938	3510.0	40	3330.0	41	3060.0	43	2820.0	40	2740.0	30	2160.0	33	1750.0	36	1500.0	38	1130.0	40
1939	2210.0	72	2180.0	70	2050.0	68	1830.0	67	1670.0	69	1450.0	69	1230.0	72	1070.0	69	824.0	67
1940	1310.0	82	1270.0	82	1110.0	83	983.0	83	929.0	81	806.0	82	675.0	81	592.0	81	444.0	82
1941	4680.0	21	4590.0	15	4410.0	12	3590.0	19	2680.0	33	2080.0	39	1750.0	37	1550.0	36	1120.0	41
1942	4590.0	23	4430.0	20	4030.0	21	3930.0	16	3570.0	8	2870.0	8	2520.0	4	2160.0	4	1620.0	4
1943	2950.0	57	2840.0	56	2670.0	56	2490.0	53	2190.0	54	1870.0	54	1660.0	46	1490.0	39	1250.0	29
1944	3110.0	50	3040.0	48	2990.0	44	2790.0	43	2610.0	37	2000.0	43	1650.0	48	1420.0	46	1080.0	44
1945	2540.0	66	2260.0	68	1970.0	70	1820.0	68	1550.0	70	1530.0	61	1380.0	61	1230.0	60	970.0	57
1946	2730.0	64	2620.0	64	2540.0	61	2470.0	55	1870.0	63	1510.0	65	1290.0	65	1180.0	64	918.0	62
1947	4820.0	12	4670.0	12	4120.0	18	3560.0	21	3260.0	14	2550.0	15	2100.0	17	1860.0	14	1400.0	15
1948	4790.0	14	4660.0	13	4610.0	9	4270.0	6	3560.0	9	2660.0	12	2150.0	14	1850.0	15	1420.0	11
1949	5190.0	6	5090.0	5	4880.0	4	4210.0	8	3840.0	4	2940.0	7	2360.0	7	2000.0	7	1490.0	7
1950	2860.0	59	2800.0	57	2660.0	57	2220.0	62	1840.0	64	1530.0	62	1240.0	69	1050.0	70	790.0	73
1951	2580.0	65	2430.0	65	2300.0	64	2030.0	63	1920.0	61	1770.0	57	1560.0	56	1360.0	52	1000.0	54
1952	4720.0	19	4250.0	25	3640.0	28	3590.0	20	3170.0	17	2470.0	21	2120.0	15	1900.0	11	1420.0	12
1953	4360.0	28	4300.0	24	3850.0	23	3220.0	27	2560.0	39	1990.0	44	1630.0	50	1360.0	53	970.0	58
1954	1790.0	78	1710.0	78	1610.0	77	1240.0	80	919.0	82	818.0	80	720.0	79	614.0	79	473.0	80
1955	1870.0	76	1860.0	75	1710.0	74	1500.0	75	1370.0	75	1110.0	76	981.0	76	851.0	76	647.0	77

07096000 ARKANSAS RIVER AT CANON CITY, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT CANON CITY, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1956	3770.0	37	3490.0	37	3230.0	37	2850.0	39	2540.0	40	1800.0	56	1420.0	59	1190.0	61	871.0	64
1957	9480.0	1	9330.0	1	8700.0	1	7530.0	1	6250.0	1	4880.0	1	3900.0	1	3190.0	1	2250.0	1
1958	4870.0	11	4810.0	9	4310.0	17	4020.0	12	3050.0	21	2160.0	34	1750.0	38	1550.0	37	1180.0	36
1959	2790.0	62	2660.0	63	2450.0	63	2340.0	60	1960.0	60	1460.0	68	1240.0	70	1040.0	73	790.0	74
1960	3700.0	38	3470.0	38	3200.0	38	2940.0	34	2620.0	36	1990.0	45	1670.0	44	1390.0	50	1040.0	49
1961	2530.0	67	2430.0	66	2220.0	66	1950.0	66	1880.0	62	1430.0	70	1260.0	67	1190.0	62	940.0	60
1962	3890.0	34	3520.0	35	3260.0	35	3220.0	28	2930.0	26	2300.0	29	2010.0	24	1790.0	20	1410.0	14
1963	1810.0	77	1770.0	76	1630.0	75	1410.0	78	1120.0	79	979.0	78	839.0	78	787.0	78	608.0	78
1964	2960.0	56	2800.0	58	2650.0	58	2000.0	64	1840.0	65	1520.0	64	1340.0	64	1140.0	65	820.0	69
1965	5740.0	3	5430.0	3	5130.0	3	4510.0	3	4080.0	2	3510.0	2	2870.0	2	2440.0	2	1850.0	2
1966	2290.0	71	1950.0	73	1580.0	79	1430.0	77	1320.0	76	1230.0	74	1170.0	73	1080.0	68	858.0	65
1967	2760.0	63	2670.0	62	2260.0	65	1720.0	72	1550.0	71	1500.0	66	1270.0	66	1130.0	66	821.0	68
1968	3780.0	36	3730.0	33	3410.0	33	2800.0	42	2640.0	34	2020.0	42	1910.0	30	1610.0	31	1190.0	35
1969	3350.0	44	3180.0	46	2920.0	48	2490.0	54	2220.0	53	2120.0	36	1870.0	31	1590.0	32	1150.0	38
1970	4720.0	20	4520.0	16	4410.0	13	4020.0	13	3340.0	13	3050.0	3	2500.0	6	2170.0	3	1670.0	3
1971	3330.0	45	3260.0	43	3150.0	40	2870.0	37	2400.0	45	1990.0	46	1660.0	47	1450.0	43	1100.0	42
1972	3020.0	54	3000.0	49	2870.0	49	2740.0	46	2350.0	48	1830.0	55	1520.0	57	1260.0	57	947.0	59
1973	4760.0	15	4480.0	19	4040.0	20	3140.0	32	3080.0	20	2530.0	18	2090.0	18	1840.0	17	1320.0	22
1974	2320.0	70	2180.0	69	1960.0	71	1800.0	69	1680.0	67	1530.0	63	1410.0	60	1240.0	58	906.0	63
1975	4370.0	27	4130.0	26	3970.0	22	3690.0	18	3140.0	19	2550.0	16	2060.0	20	1760.0	22	1320.0	23

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT CANON CITY, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1891	200.00	47	225.00	57	279.00	73	319.00	71	430.00	81	447.00	81	469.00	81	482.00	81	496.00	78
1892	345.00	82	345.00	82	356.00	82	391.00	82	458.00	83	477.00	83	488.00	82	491.00	82	511.00	80
1893	365.00	83	378.00	83	386.00	83	410.00	83	430.00	82	471.00	82	494.00	83	512.00	83	514.00	81
1894	200.00	48	290.00	76	301.00	74	330.00	76	412.00	80	428.00	80	430.00	78	449.00	79	454.00	74
1897	144.00	20	144.00	17	153.00	16	214.00	39	240.00	37	249.00	28	259.00	24	311.00	50	319.00	42
1898	108.00	8	121.00	10	125.00	8	142.00	7	201.00	23	277.00	41	300.00	48	310.00	46	375.00	57
1899	160.00	29	160.00	25	160.00	18	160.00	12	177.00	10	202.00	9	228.00	9	256.00	13	276.00	20
1900	186.00	41	186.00	39	192.00	35	196.00	30	198.00	22	211.00	11	260.00	25	279.00	24	300.00	31
1901	194.00	43	194.00	43	194.00	36	203.00	35	211.00	27	222.00	14	231.00	11	246.00	9	263.00	14
1902	217.00	60	239.00	65	270.00	72	271.00	65	271.00	48	284.00	45	293.00	44	298.00	38	307.00	36
1903	128.00	15	128.00	12	145.00	12	197.00	31	213.00	28	242.00	25	249.00	17	265.00	18	285.00	24
1904	119.00	12	119.00	8	121.00	7	143.00	8	175.00	8	230.00	19	238.00	12	249.00	11	243.00	5
1905	150.00	25	162.00	26	199.00	40	212.00	37	273.00	50	276.00	39	296.00	45	310.00	47	367.00	56
1906	212.00	56	226.00	58	242.00	57	269.00	64	283.00	57	316.00	61	336.00	62	340.00	59	341.00	51
1907	305.00	79	325.00	80	325.00	78	325.00	74	325.00	68	333.00	65	330.00	61	357.00	64	438.00	72
1908	325.00	81	325.00	81	325.00	79	325.00	75	325.00	69	325.00	64	327.00	59	326.00	55	354.00	53
1909	148.00	23	159.00	24	163.00	23	176.00	22	180.00	14	228.00	17	250.00	18	256.00	12	262.00	13
1910	236.00	68	250.00	67	264.00	68	273.00	67	309.00	66	345.00	67	377.00	72	413.00	75	477.00	76
1911	208.00	53	219.00	53	231.00	52	235.00	46	272.00	49	286.00	46	291.00	40	294.00	34	301.00	32
1912	200.00	49	213.00	50	249.00	59	258.00	55	287.00	60	305.00	55	318.00	56	340.00	60	515.00	82
1913	205.00	52	205.00	45	219.00	46	249.00	51	277.00	54	309.00	56	318.00	57	326.00	56	337.00	49
1914	310.00	80	310.00	79	327.00	80	335.00	79	345.00	75	349.00	68	351.00	66	351.00	62	357.00	54
1915	280.00	76	285.00	75	314.00	76	322.00	73	341.00	73	344.00	66	366.00	70	377.00	68	396.00	64
1916	230.00	66	267.00	74	302.00	75	333.00	77	345.00	74	350.00	69	357.00	67	361.00	65	378.00	58
1917	280.00	77	300.00	77	354.00	81	368.00	81	379.00	79	400.00	77	418.00	77	429.00	77	451.00	73
1918	224.00	64	233.00	61	249.00	60	263.00	59	284.00	58	304.00	54	317.00	55	317.00	54	340.00	50
1919	120.00	13	180.00	36	236.00	53	321.00	72	334.00	70	380.00	75	399.00	75	402.00	74	405.00	66
1920	223.00	63	226.00	59	253.00	63	344.00	80	351.00	76	373.00	74	373.00	71	401.00	73	421.00	70
1921	195.00	44	209.00	47	218.00	45	266.00	63	307.00	65	319.00	62	339.00	64	366.00	66	399.00	65
1922	210.00	54	221.00	55	229.00	50	246.00	50	336.00	71	355.00	70	360.00	68	378.00	69	410.00	67
1923	246.00	72	252.00	69	257.00	65	262.00	58	269.00	46	279.00	42	289.00	38	302.00	40	309.00	37
1924	242.00	69	250.00	68	265.00	70	272.00	66	339.00	72	421.00	79	434.00	79	445.00	78	527.00	83
1925	220.00	61	238.00	64	249.00	61	255.00	54	277.00	55	290.00	51	305.00	51	313.00	53	319.00	43
1926	157.00	28	164.00	28	170.00	27	178.00	23	197.00	21	294.00	52	300.00	49	307.00	44	323.00	45
1927	214.00	58	219.00	54	236.00	54	240.00	47	244.00	39	266.00	35	288.00	36	290.00	32	292.00	25
1928	232.00	67	237.00	63	240.00	56	254.00	53	302.00	62	315.00	60	338.00	63	351.00	63	385.00	62
1929	242.00	70	244.00	66	255.00	64	261.00	56	275.00	51	289.00	49	306.00	52	311.00	48	309.00	38
1930	259.00	75	266.00	73	267.00	71	285.00	70	319.00	67	366.00	71	360.00	69	371.00	67	418.00	69
1931	252.00	74	258.00	72	264.00	69	274.00	68	279.00	56	286.00	47	297.00	46	305.00	43	304.00	34
1932	144.00	21	147.00	20	150.00	15	160.00	13	179.00	11	184.00	3	189.00	2	209.00	2	239.00	4
1933	164.00	31	167.00	31	174.00	29	195.00	28	214.00	30	263.00	34	264.00	26	265.00	19	277.00	22
1934	136.00	16	137.00	15	140.00	10	147.00	9	192.00	20	223.00	15	240.00	14	257.00	14	253.00	7
1935	94.00	7	99.00	6	104.00	5	141.00	6	176.00	9	196.00	4	198.00	3	213.00	3	220.00	2
1936	90.00	6	92.00	4	96.00	4	112.00	3	155.00	4	230.00	18	257.00	22	276.00	23	306.00	35
1937	177.00	37	190.00	42	196.00	39	216.00	42	241.00	38	255.00	30	269.00	28	286.00	28	333.00	48
1938	155.00	26	157.00	23	160.00	19	167.00	16	189.00	18	201.00	7	219.00	5	244.00	7	258.00	11
1939	220.00	62	223.00	56	225.00	49	229.00	44	270.00	47	275.00	37	291.00	39	312.00	51	363.00	55
1940	84.00	5	101.00	7	120.00	6	154.00	10	166.00	5	172.00	1	182.00	1	196.00	1	214.00	1
1941	82.00	4	85.00	2	87.00	1	94.00	1	108.00	1	236.00	22	245.00	15	261.00	16	265.00	15
1942	127.00	14	132.00	14	143.00	11	166.00	14	237.00	35	311.00	58	322.00	58	332.00	58	379.00	60
1943	296.00	78	305.00	78	317.00	77	333.00	78	362.00	77	371.00	73	381.00	74	383.00	70	382.00	61
1944	250.00	73	254.00	70	263.00	67	265.00	60	275.00	52	290.00	50	305.00	50	310.00	45	322.00	44
1945	177.00	38	182.00	38	185.00	32	189.00	25	202.00	24	224.00	16	256.00	20	265.00	17	269.00	16

07096000 ARKANSAS RIVER AT CANON CITY, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT CANON CITY, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1946	196.00	45	209.00	48	230.00	51	242.00	48	284.00	59	287.00	48	292.00	41	302.00	41	313.00	40
1947	179.00	39	181.00	37	184.00	31	191.00	27	210.00	26	242.00	26	265.00	27	282.00	27	276.00	21
1948	168.00	35	174.00	35	180.00	30	199.00	34	363.00	78	366.00	72	378.00	73	383.00	71	414.00	68
1949	215.00	59	217.00	51	224.00	48	231.00	45	245.00	40	272.00	36	293.00	42	303.00	42	302.00	33
1950	210.00	55	213.00	49	221.00	47	262.00	57	275.00	53	310.00	57	311.00	53	311.00	49	328.00	47
1951	164.00	32	166.00	29	168.00	25	174.00	21	180.00	12	198.00	5	230.00	10	246.00	10	257.00	10
1952	186.00	40	188.00	40	190.00	33	196.00	29	216.00	31	253.00	29	289.00	37	296.00	35	299.00	30
1953	167.00	34	171.00	33	194.00	37	214.00	40	263.00	44	298.00	53	314.00	54	330.00	57	325.00	46
1954	139.00	18	146.00	18	169.00	26	190.00	26	206.00	25	238.00	23	272.00	30	298.00	36	312.00	39
1955	137.00	17	142.00	16	149.00	14	173.00	19	184.00	16	219.00	12	220.00	6	235.00	6	254.00	8
1956	157.00	27	169.00	32	200.00	41	209.00	36	213.00	29	234.00	20	257.00	21	271.00	22	278.00	23
1957	148.00	22	153.00	22	161.00	20	167.00	17	180.00	13	236.00	21	248.00	16	259.00	15	260.00	12
1958	203.00	50	226.00	60	250.00	62	265.00	61	304.00	63	417.00	78	455.00	80	471.00	80	488.00	77
1959	204.00	51	208.00	46	210.00	43	219.00	43	232.00	34	259.00	32	293.00	43	300.00	39	298.00	28
1960	69.00	1	99.00	5	164.00	24	185.00	24	250.00	42	257.00	31	276.00	32	292.00	33	378.00	59
1961	187.00	42	190.00	41	196.00	38	197.00	32	258.00	43	276.00	38	283.00	34	287.00	29	293.00	26
1962	170.00	36	173.00	34	191.00	34	215.00	41	239.00	36	398.00	76	402.00	76	428.00	76	504.00	79
1963	226.00	65	236.00	62	243.00	58	245.00	49	247.00	41	277.00	40	279.00	33	290.00	30	299.00	29
1964	114.00	9	130.00	13	148.00	13	158.00	11	166.00	6	182.00	2	201.00	4	220.00	4	223.00	3
1965	76.00	2	86.00	3	91.00	2	104.00	2	147.00	2	202.00	8	239.00	13	269.00	21	275.00	18
1966	246.00	71	254.00	71	259.00	66	266.00	62	295.00	61	325.00	63	350.00	65	391.00	72	463.00	75
1967	118.00	11	125.00	11	162.00	21	173.00	20	186.00	17	203.00	10	223.00	7	245.00	8	256.00	9
1968	117.00	10	120.00	9	130.00	9	138.00	5	149.00	3	260.00	33	272.00	31	290.00	31	296.00	27
1969	165.00	33	166.00	30	172.00	28	198.00	33	218.00	32	243.00	27	259.00	23	281.00	26	276.00	19
1970	150.00	24	152.00	21	154.00	17	168.00	18	190.00	19	282.00	44	298.00	47	313.00	52	389.00	63
1971	140.00	19	147.00	19	218.00	44	282.00	69	305.00	64	312.00	59	329.00	60	345.00	61	437.00	71
1972	213.00	57	218.00	52	238.00	55	252.00	52	266.00	45	279.00	43	286.00	35	298.00	37	316.00	41
1973	162.00	30	163.00	27	163.00	22	166.00	15	181.00	15	221.00	13	252.00	19	268.00	20	272.00	17
1974	200.00	46	204.00	44	207.00	42	213.00	38	226.00	33	241.00	24	270.00	29	280.00	25	348.00	52
1975	78.00	3	81.00	1	95.00	3	115.00	4	173.00	7	198.00	6	228.00	8	229.00	5	247.00	6

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
372	363	356	329	323	328	424	1112	2259	1485	873	461
31460	10810	5314	4085	4204	8754	41040	194600	578800	605700	129500	50650
177	104	72.9	63.9	64.8	93.6	203	441	761	778	360	225
1.66	0.46	1.06	1.23	1.18	0.96	1.31	0.80	-0.19	2.15	0.81	1.84
0.48	0.29	0.20	0.19	0.20	0.28	0.48	0.40	0.34	0.52	0.41	0.49
4.28	4.18	4.10	3.79	3.72	3.78	4.88	12.8	26.0	17.1	10.1	5.30

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.53	2.54	2.54	2.51	2.50	2.50	2.58	3.01	3.32	3.12	2.90	2.62
0.03	0.02	0.01	0.01	0.01	0.01	0.04	0.03	0.03	0.05	0.04	0.03
0.18	0.13	0.08	0.08	0.08	0.12	0.20	0.17	0.18	0.22	0.19	0.19
0.48	-0.11	0.46	0.81	0.74	0.17	-0.05	-0.17	-1.33	-0.53	-0.64	0.41
0.07	0.05	0.03	0.03	0.03	0.05	0.08	0.06	0.05	0.07	0.07	0.07
7.74	7.78	7.78	7.68	7.65	7.65	7.90	9.22	10.2	9.54	8.88	8.02

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
725	31800	178	0.00	0.25	0.120

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.85	0.01	0.12	-0.78	0.04	0.152

07096500 FOURMILE CREEK NEAR CANON CITY, COLO.

LOCATION.--Lat 38°26'11", long 105°11'27", in NE¼SW¼ sec.35, T.18 S., R.70 W., Fremont County, on right bank 1,000 ft (300 m) downstream from railroad bridge, 0.6 mi (1.0 km) upstream from mouth, and 2.8 mi (4.5 km) east of courthouse in Canon City.

DRAINAGE AREA.--434 mi² (1,124 km²).

REMARKS.--Diversions for irrigation of about 500 acres (2.02 km²) above station. Water imported to basin from Arkansas River for irrigation of a few small orchards above station.

07096500 FOURMILE CREEK NEAR CANON CITY, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FOURMILE CREEK NEAR CANON CITY, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1949										2		1		8	15	55	43	35	29	30	33	41	22	15	10	8	7	4	3	3	1				
1950	9						1	2		2	8	22	45	37	39	52	39	28	32	12	10	12	3	3	3	2	3				1				
1951	1					4		2	1	9	32	31	60	54	46	30	31	36	15	10		1	1			1									
1952										8	10	44	54	73	51	46	18	18	17	10	8	3	3	2	1										
1953						3	1	13	14	17	23	55	45	45	51	50	27	13	2	2		1	1		1	1									
1972															5	4	9	8	30	54	99	86	43	22	6										
1973																	1	8	23	13	59	89	24	28	15	16	11	22	27	5	7	15	2		
1974																			11	6	120	108	70	34	4	3	6	3							
1975		1			3	1	1	1		1				1	2	3	14	29	33	61	84	72	45	5	8										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	10	3287	100.0	12	1.6	204	2964	90.2	24	41	48	199	6.0
1	0.05	1	3277	99.7	13	2.1	218	2760	84.0	25	53	31	151	4.5
2	0.06	0	3276	99.7	14	2.8	209	2542	77.3	26	70	27	120	3.6
3	0.08	0	3276	99.7	15	3.6	240	2333	71.0	27	91	29	93	2.8
4	0.10	3	3276	99.7	16	4.8	182	2093	63.7	28	120	30	64	1.9
5	0.20	8	3273	99.6	17	6.2	175	1911	58.1	29	160	8	34	1.0
6	0.30	3	3265	99.3	18	8.2	192	1736	52.8	30	200	9	26	.7
7	0.40	18	3262	99.2	19	11.0	198	1544	47.0	31	270	15	17	.5
8	0.60	15	3244	98.7	20	14.0	413	1346	40.9	32	350	2	2	
9	0.70	39	3229	98.2	21	18.0	413	933	28.4	33				
10	1.00	73	3190	97.0	22	24.0	212	520	15.8	34				
11	1.20	153	3117	94.8	23	31.0	109	308	9.4					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FOURMILE CREEK NEAR CANON CITY, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1949	220.0	2	193.0	2	161.0	2	123.0	2	81.0	2	61.0	2	49.0	2	41.0	2	30.0	2
1950	207.0	3	112.0	3	54.0	4	31.0	6	21.0	6	19.0	6	14.0	6	11.0	6	8.1	6
1951	64.0	5	24.0	8	12.0	8	11.0	8	9.4	8	6.9	8	6.2	8	5.6	8	4.7	8
1952	45.0	8	36.0	7	27.0	7	18.0	7	13.0	7	12.0	7	8.7	7	7.2	7	6.1	7
1953	53.0	6	22.0	9	11.0	9	6.2	9	6.0	9	4.2	9	3.9	9	3.7	9	3.4	9
1972	42.0	9	42.0	6	39.0	6	33.0	5	30.0	4	26.0	4	23.0	4	21.0	4	18.0	5
1973	360.0	1	352.0	1	328.0	1	311.0	1	263.0	1	184.0	1	146.0	1	134.0	1	99.0	1
1974	102.0	4	97.0	4	89.0	3	71.0	3	49.0	3	40.0	3	35.0	3	30.0	3	26.0	3
1975	47.0	7	43.0	5	41.0	5	33.0	4	28.0	5	22.0	5	20.0	5	19.0	5	19.0	4

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FOURMILE CREEK NEAR CANON CITY, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1950	0.71	5	1.00	5	2.40	5	2.90	5	3.80	4	5.50	4	5.80	4	6.80	4	6.90	4
1951	0.00	1	0.00	1	0.00	1	0.64	2	0.83	2	1.90	3	2.30	3	4.20	3	4.20	3
1952	0.00	2	0.30	3	0.83	4	1.40	3	1.60	3	1.70	2	1.90	2	2.50	2	2.90	2
1953	0.51	4	0.50	4	0.50	3	0.53	1	0.78	1	1.50	1	1.60	1	1.60	1	2.20	1
1972	2.90	6	3.10	6	3.40	6	4.30	6	7.40	6	9.80	6	11.00	6	12.00	6	17.00	7
1973	4.80	7	6.30	7	6.80	7	7.70	7	9.20	7	13.00	7	14.00	7	15.00	7	16.00	6
1974	14.00	8	14.00	8	15.00	8	15.00	8	16.00	8	16.00	8	17.00	8	19.00	8	20.00	8
1975	0.06	3	0.10	2	0.19	2	1.60	4	6.10	5	7.80	5	8.70	5	8.70	5	14.00	5

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
13.3	12.3	10.8	9.23	9.11	8.35	15.6	39.3	30.4	21.8	20.6	10.9
118	63.9	46.4	31.9	30.5	49.2	243	5947	1633	467	874	97.7
10.8	8.00	6.81	5.65	5.52	7.02	15.6	77.1	40.4	21.6	29.6	9.88
0.33	0.58	0.85	0.62	0.14	1.07	1.16	2.90	1.67	1.65	2.64	0.46
0.82	0.65	0.63	0.61	0.61	0.84	1.00	1.96	1.33	0.99	1.44	0.91
6.57	6.12	5.37	4.58	4.52	4.14	7.75	19.5	15.1	10.8	10.2	5.41

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.93	1.00	0.96	0.89	0.87	0.77	0.95	1.14	1.09	1.12	1.00	0.78
0.23	0.10	0.08	0.08	0.10	0.17	0.29	0.37	0.45	0.25	0.32	0.32
0.48	0.31	0.27	0.28	0.32	0.42	0.54	0.61	0.67	0.50	0.57	0.57
-0.33	-0.19	0.21	0.05	-0.40	-0.49	-0.21	0.87	0.01	-0.43	0.05	-0.34
0.51	0.31	0.29	0.31	0.37	0.55	0.56	0.53	0.62	0.45	0.57	0.72
8.10	8.70	8.33	7.72	7.55	6.67	8.25	9.92	9.48	9.76	8.71	6.80

07096500 FOURMILE CREEK NEAR CANON CITY, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
16.9	291	17.0	1.96	1.01	0.311

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.04	0.18	0.43	0.14	0.41	0.545

07097000 ARKANSAS RIVER AT PORTLAND, COLO.

LOCATION.--Lat 38°23'18", long 105°00'56", in NE¼NE¼ sec.20, T.19 S., R.68 W., Fremont County, on right bank at bridge on State Highway 120 at Portland and 1 mi (1.6 km) downstream from Hardscrabble Creek.

DRAINAGE AREA.--4,024 mi^2 (10,422 km^2).

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs, diversions above station for irrigation of about 60,000 acres (243 km^2), and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT PORTLAND, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1940				4	4	10	10	35	51	62	48	38	11	12	11	7	10	9	11	16	6	8	3												
1941							2	8	30	42	47	66	18	11	7	7	8	11	6	8	5	6	14	18	21	15	2	3	1	2	3	4			
1942												19	52	41	50	24	18	17	12	4	4	8	10	12	13	17	19	9	10	10	5	7	3		1
1943												3	44	73	74	18	13	12	10	9	19	23	13	17	9	7	9	8	4						
1944									3	15	44	112	28	8	11	22	16	5	18	19	6	11	5	7	5	5	6	9	9	1	1				
1945		2	2	1	1	4	2	24	51	28	33	42	16	9	4	7	9	20	19	21	12	14	12	8	10	8	2	1	2	1					
1946					3	11	6	7	11	27	40	48	48	19	6	12	13	15	10	27	16	15	7	5	3	5	8	3							
1947						1	3	9	19	44	40	37	29	14	7	6	12	10	13	8	8	25	21	6	8	7	6	9	10	5	1	3	2	2	
1948									4	5	4	22	53	45	36	34	16	8	8	22	14	28	14	10	8	4	4	5	6	2	8	6			
1949								1	3	11	47	89	44	11	9	7	11	15	14	7	7	13	11	8	9	7	1	5	13	9	6	7			
1950						1		17	27	33	28	81	38	17	7	15	13	8	16	10	4	18	4	7	11	3	2	5							
1951							20	64	57	50	23	15	9	3	7	6	13	6	1	8	8	10	18	17	7	13	10								
1952							2	15	19	67	57	32	14	12	4	4	5	11	10	8	5	8	23	13	13	9	8	9	6	9	2	1			
1975							1	26	28	54	44	33	21	6	6	9	9	18	21	7	10	7	5	7	12	6	7	9	9	8	2				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5114	100.0	12	330.0	425	2985	58.4	24	1700	129	575	11.2
1	71.00	2	5114	100.0	13	380.0	281	2560	50.1	25	2000	106	446	8.7
2	82.00	2	5112	100.0	14	430.0	239	2279	44.6	26	2300	84	340	6.6
3	94.00	5	5110	99.9	15	500.0	178	2040	39.9	27	2600	75	256	5.0
4	110.00	8	5105	99.8	16	570.0	166	1862	36.4	28	3000	70	181	3.5
5	120.00	27	5097	99.7	17	660.0	165	1696	33.2	29	3500	47	111	2.1
6	140.00	46	5070	99.1	18	750.0	169	1531	29.9	30	4000	28	64	1.2
7	160.00	206	5024	98.2	19	870.0	174	1362	26.6	31	4600	28	36	.7
8	190.00	303	4818	94.2	20	990.0	124	1188	23.2	32	5300	5	8	.1
9	220.00	438	4515	88.3	21	1100.0	194	1064	20.8	33	6000	2	3	
10	250.00	455	4077	79.7	22	1300.0	160	870	17.0	34	7000	1	1	
11	280.00	637	3622	70.8	23	1500.0	135	710	13.9					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT PORTLAND, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1940	1440.0	14	1390.0	14	1210.0	14	1040.0	14	1000.0	14	862.0	14	713.0	14	624.0	14	480.0	14
1941	5090.0	4	4810.0	4	4610.0	5	3730.0	6	2820.0	8	2290.0	7	1910.0	7	1720.0	7	1250.0	7
1942	7460.0	1	6110.0	2	5280.0	2	4900.0	1	4250.0	1	3310.0	1	3040.0	1	2650.0	1	1970.0	1
1943	3400.0	10	3210.0	9	2980.0	9	2750.0	9	2360.0	9	1940.0	9	1710.0	8	1530.0	8	1230.0	8
1944	4200.0	8	3460.0	8	3200.0	8	3120.0	8	2850.0	7	2120.0	8	1710.0	9	1480.0	9	1120.0	9
1945	3790.0	9	2940.0	10	2400.0	12	2110.0	12	1750.0	12	1580.0	11	1430.0	11	1280.0	11	987.0	10
1946	2800.0	11	2650.0	12	2460.0	11	2360.0	10	1710.0	13	1460.0	13	1300.0	12	1170.0	12	908.0	12
1947	6950.0	2	6420.0	1	5520.0	1	4340.0	4	3760.0	3	2810.0	3	2340.0	3	2060.0	3	1540.0	3
1948	4900.0	5	4780.0	5	4650.0	4	4500.0	3	3730.0	4	2710.0	4	2180.0	4	1910.0	5	1480.0	4
1949	5270.0	3	5240.0	3	5020.0	3	4530.0	2	3980.0	2	3190.0	2	2530.0	2	2130.0	2	1580.0	2
1950	2760.0	12	2720.0	11	2650.0	10	2260.0	11	1870.0	11	1540.0	12	1240.0	13	1060.0	13	792.0	13
1951	2490.0	13	2480.0	13	2300.0	13	2020.0	13	1920.0	10	1770.0	10	1560.0	10	1350.0	10	968.0	11
1952	4720.0	6	4510.0	6	4050.0	6	3760.0	5	3300.0	5	2540.0	6	2170.0	5	1930.0	4	1440.0	5
1975	4300.0	7	4090.0	7	3950.0	7	3650.0	7	3100.0	6	2570.0	5	2080.0	6	1740.0	6	1310.0	6

07097000 ARKANSAS RIVER AT PORTLAND, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT PORTLAND, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1941	98.00	3	105.00	2	114.00	1	142.00	2	149.00	1	250.00	7	263.00	6	259.00	4	267.00	5
1942	148.00	8	153.00	7	170.00	8	181.00	7	286.00	10	346.00	11	375.00	11	387.00	11	458.00	12
1943	330.00	12	336.00	12	351.00	12	361.00	12	384.00	12	398.00	12	413.00	12	424.00	12	423.00	10
1944	231.00	11	233.00	11	243.00	11	247.00	11	261.00	8	267.00	8	280.00	8	291.00	8	302.00	8
1945	80.00	2	92.00	1	120.00	2	158.00	3	189.00	5	215.00	3	236.00	3	245.00	3	241.00	2
1946	71.00	1	109.00	3	144.00	4	166.00	6	223.00	7	236.00	5	248.00	4	268.00	6	296.00	6
1947	116.00	4	119.00	4	120.00	3	130.00	1	161.00	2	216.00	4	249.00	5	266.00	5	261.00	4
1948	143.00	7	156.00	8	169.00	7	217.00	9	338.00	11	344.00	10	367.00	10	378.00	10	423.00	11
1949	187.00	9	206.00	10	215.00	10	240.00	10	262.00	9	285.00	9	292.00	9	299.00	9	301.00	7
1950	188.00	10	191.00	9	196.00	9	211.00	8	216.00	6	249.00	6	270.00	7	281.00	7	320.00	9
1951	137.00	5	149.00	6	154.00	5	158.00	4	161.00	3	175.00	1	200.00	1	210.00	1	214.00	1
1952	142.00	6	146.00	5	154.00	6	165.00	5	173.00	4	211.00	2	235.00	2	235.00	2	242.00	3

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
320	334	311	296	285	286	577	1151	2408	1593	972	416
22060	7474	4491	5406	3753	5848	195200	257400	842000	439500	102300	20090
149	86.5	67.0	73.5	61.3	76.5	442	507	918	663	320	142
1.37	0.60	0.93	1.38	1.34	1.07	2.16	1.67	0.26	0.38	-0.81	0.46
0.46	0.26	0.22	0.25	0.21	0.27	0.77	0.44	0.38	0.42	0.33	0.34
3.58	3.73	3.48	3.31	3.18	3.19	6.45	12.9	26.9	17.8	10.9	4.64

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.47	2.51	2.48	2.46	2.45	2.44	2.67	3.03	3.35	3.16	2.96	2.59
0.03	0.01	0.01	0.01	0.01	0.01	0.08	0.03	0.03	0.04	0.03	0.02
0.18	0.11	0.09	0.10	0.09	0.11	0.29	0.16	0.18	0.20	0.18	0.15
0.61	0.22	0.45	1.01	1.14	0.57	0.24	0.93	-0.41	-0.80	-1.40	-0.27
0.07	0.04	0.04	0.04	0.03	0.04	0.11	0.05	0.05	0.06	0.06	0.06
7.58	7.71	7.63	7.56	7.51	7.50	8.19	9.30	10.3	9.71	9.08	7.96

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
762	45250	213	0.23	0.28	0.162

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.86	0.02	0.13	-0.73	0.05	0.160

07099100 BEAVER CREEK NEAR PORTLAND, COLO.

LOCATION.--Lat 38°22'27", long 104°57'49", in NW¼NE¼ sec.26, T.19 S., R.68 W., Fremont County, on right bank 80 ft (24 m) downstream from bridge on State Highway 120, 1,500 ft (460 m) upstream from mouth, and 3.4 mi (5.5 km) southeast of Portland.

DRAINAGE AREA.--214 mi^2 (554 km^2).

REMARKS.--Storage and diversions above station for municipal supply of city of Colorado Springs. Water exported above station for irrigation of a few hundred acres in adjacent basin.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BEAVER CREEK NEAR PORTLAND, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1972			1	11	4	17	2	37	18	97	84	29	26	23	4	2	1	2			2	4	1				1								
1973								12	45	82	40	27	11	13	10	2	3	4	3		3	7	10	9	12	15	8	19	13	11	6				
1974	9		1	7	3	36	4	19	17	18	17	13	32	60	52	45	20	7	2	1			1		1										
1975	7	1	8	14	5	33	2	112	83	71	8	1	5	1	2	1	2		2		1	1		2	1	1		1							

07099100 BEAVER CREEK NEAR PORTLAND, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BEAVER CREEK NEAR PORTLAND, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	16	1461	100.0	12	0.9	74	466	31.9	24	43	14	89	6.0
1	0.01	1	1445	98.9	13	1.2	97	392	26.8	25	60	16	75	5.1
2	0.02	10	1444	98.8	14	1.7	68	295	20.2	26	83	9	59	4.0
3	0.03	32	1434	98.2	15	2.4	50	227	15.5	27	110	20	50	3.4
4	0.05	12	1402	96.0	16	3.3	26	177	12.1	28	160	13	30	2.0
5	0.06	86	1390	95.1	17	4.5	13	151	10.3	29	220	11	17	1.1
6	0.09	8	1304	89.3	18	6.3	7	138	9.4	30	300	6	6	.4
7	0.10	180	1296	88.7	19	8.6	1	131	9.0	31	420			
8	0.20	163	1116	76.4	20	12.0	6	130	8.9	32				
9	0.30	268	953	65.2	21	16.0	12	124	8.5	33				
10	0.50	149	685	46.9	22	23.0	12	112	7.7	34				
11	0.70	70	536	36.7	23	31.0	11	100	6.8					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BEAVER CREEK NEAR PORTLAND, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1972	99.0	3	39.0	3	17.0	3	9.0	3	6.0	3	3.7	3	3.0	3	2.4	4	1.8	4
1973	416.0	1	391.0	1	323.0	1	283.0	1	221.0	1	180.0	1	133.0	1	108.0	1	73.0	1
1974	50.0	4	28.0	4	12.0	4	6.1	4	3.6	4	3.0	4	2.8	4	2.6	3	2.2	3
1975	145.0	2	59.0	2	26.0	2	19.0	2	12.0	2	6.0	2	4.7	2	3.5	2	2.4	2

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BEAVER CREEK NEAR PORTLAND, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1972	0.00	1	0.00	1	0.00	1	0.01	1	0.07	2	0.11	2	0.26	3	0.44	3	0.53	3
1973	0.02	3	0.03	3	0.05	3	0.08	3	0.12	3	0.19	3	0.22	2	0.25	2	0.36	2
1974	0.44	4	0.45	4	0.46	4	0.47	4	0.83	4	1.30	4	1.70	4	2.00	4	2.10	4
1975	0.00	2	0.00	2	0.00	2	0.04	2	0.06	1	0.07	1	0.12	1	0.17	1	0.22	1

07099200 ARKANSAS RIVER NEAR PORTLAND, COLO.

LOCATION.--Lat 38°20'14", long 104°56'18", in NW¼SW¼ sec.6, T.20 S., R.67 W., Pueblo County, on right bank 1.4 mi (2.3 km) downstream from Willow Spring Creek and 5.4 mi (8.7 km) southeast of Portland.

DRAINAGE AREA.--4,280 mi² (11,085 km²).

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs, power developments, diversions for irrigation of about 68,000 acres (275 km²), and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER NEAR PORTLAND, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1965							10	28	27	37	30	21	36	8	5	4	3	2	14	13	26	6	8	12	7	2	5	7	16	11	14	5	4	3	1
1966										1	10	23	22	40	19	40	29	47	21	11	20	11	37	15	13	1	3	2							
1967		2	2	17	11	15	6	15	14	51	77	20	2	2	6	4	2	9	16	15	12	5	31	9	10	7	3	2							
1968							4	14	39	23	33	42	53	20	5	3	12	11	9	4	9	2	11	21	7	10	11	13	2	2	4	2			
1969						6	4	17	37	47	30	34	24	23	14	3	4	7	3	8	3	3	16	9	11	24	21	8	6	3					
1970										11	33	38	30	27	11	10	13	17	18	13	14	17	31	14	6	6	4	13	14	7	11	7			
1971								2	1	7	9	44	36	33	35	21	14	18	23	27	25	10	7	10	16	10	5	2	6	4					
1972							1	3	20	33	41	48	53	33	19	5	10	14	3	10	14	14	14	4	1	4	7	4	8	3					
1973								21	51	54	25	27	38	18		1		1	5	2	11	13	24	12	5	9	7	13	10	8	4	2	4		
1974				3	5	1	9	7	9	8	12	46	51	35	8	32	14	14	8	14	11	17	7	14	21	10	4	5							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	3652	100.0	12	340.0	329	2285	62.6	24	1600	86	459	12.5
1	86.00	2	3652	100.0	13	390.0	212	1956	53.6	25	1800	77	373	10.2
2	98.00	5	3650	99.9	14	440.0	146	1744	47.8	26	2000	71	296	8.1
3	110.00	22	3645	99.8	15	500.0	105	1598	43.8	27	2300	64	225	6.1
4	130.00	12	3623	99.2	16	570.0	101	1493	40.9	28	2600	62	161	4.4
5	140.00	30	3611	98.9	17	640.0	134	1392	38.1	29	2900	38	99	2.7
6	160.00	32	3581	98.1	18	730.0	126	1258	34.4	30	3300	33	61	1.6
7	180.00	109	3549	97.2	19	830.0	114	1132	31.0	31	3800	16	28	.7
8	210.00	197	3440	94.2	20	940.0	151	1018	27.9	32	4300	8	12	.3
9	240.00	276	3243	88.8	21	1100.0	88	867	23.7	33	4800	3	4	.1
10	270.00	334	2967	81.2	22	1200.0	193	779	21.3	34	5500	1	1	
11	300.00	348	2633	72.1	23	1400.0	127	586	16.0					

07099200 ARKANSAS RIVER NEAR PORTLAND, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER NEAR PORTLAND, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1965	5680.0	1	4990.0	1	4550.0	1	4050.0	1	3770.0	1	3310.0	1	2780.0	1	2370.0	1	1790.0	1
1966	2530.0	9	2400.0	9	1920.0	10	1600.0	10	1470.0	10	1370.0	10	1320.0	10	1260.0	7	1010.0	7
1967	2540.0	8	2440.0	8	2080.0	8	1670.0	8	1570.0	9	1500.0	8	1330.0	8	1200.0	9	873.0	9
1968	3950.0	4	3840.0	4	3580.0	4	2980.0	4	2630.0	4	2080.0	5	1920.0	5	1630.0	5	1210.0	5
1969	3000.0	6	2890.0	7	2770.0	7	2470.0	7	2300.0	5	2160.0	4	1940.0	4	1710.0	4	1250.0	4
1970	4100.0	3	4010.0	3	3960.0	3	3620.0	2	3030.0	3	2890.0	2	2380.0	2	2090.0	2	1660.0	2
1971	3160.0	5	3120.0	5	2990.0	5	2710.0	5	2260.0	7	1910.0	6	1600.0	6	1410.0	6	1090.0	6
1972	2980.0	7	2930.0	6	2810.0	6	2680.0	6	2300.0	6	1750.0	7	1440.0	7	1210.0	8	927.0	8
1973	4770.0	2	4590.0	2	4180.0	2	3170.0	3	3100.0	2	2620.0	3	2250.0	3	2000.0	3	1450.0	3
1974	2290.0	10	2230.0	10	1990.0	9	1650.0	9	1570.0	8	1400.0	9	1320.0	9	1160.0	10	859.0	10

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER NEAR PORTLAND, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1966	199.00	9	206.00	8	214.00	6	256.00	8	339.00	9	378.00	9	399.00	9	440.00	9	515.00	9
1967	122.00	2	131.00	2	147.00	2	161.00	2	184.00	2	220.00	1	234.00	1	249.00	1	261.00	1
1968	86.00	1	93.00	1	116.00	1	121.00	1	128.00	1	233.00	3	252.00	4	275.00	4	287.00	3
1969	175.00	5	179.00	4	190.00	4	210.00	5	226.00	5	230.00	2	249.00	3	273.00	3	287.00	4
1970	144.00	3	150.00	3	154.00	3	168.00	3	222.00	3	290.00	7	310.00	7	331.00	7	424.00	7
1971	185.00	7	203.00	7	262.00	9	308.00	9	312.00	8	321.00	8	333.00	8	359.00	8	481.00	8
1972	160.00	4	207.00	9	236.00	8	241.00	6	258.00	6	275.00	5	280.00	5	299.00	5	336.00	5
1973	180.00	6	183.00	5	194.00	5	209.00	4	225.00	4	235.00	4	244.00	2	250.00	2	268.00	2
1974	190.00	8	198.00	6	232.00	7	255.00	7	282.00	7	288.00	6	301.00	6	302.00	6	359.00	6

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
417	412	366	326	304	273	395	1153	2159	1753	1193	596
54010	15250	6928	5625	6693	2737	30320	203200	350500	567600	165600	68540
232	124	83.2	75.0	81.8	52.3	174	451	592	753	407	262
1.06	0.69	1.57	0.94	1.38	-0.07	-0.22	1.25	-0.21	1.37	0.74	1.08
0.56	0.30	0.23	0.23	0.27	0.19	0.44	0.39	0.27	0.43	0.34	0.44
4.46	4.41	3.91	3.49	3.25	2.92	4.23	12.3	23.1	18.8	12.8	6.38

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.57	2.60	2.55	2.50	2.47	2.43	2.55	3.04	3.32	3.21	3.05	2.74
0.05	0.02	0.01	0.01	0.01	0.01	0.05	0.02	0.02	0.03	0.02	0.03
0.22	0.13	0.09	0.09	0.11	0.09	0.23	0.16	0.13	0.17	0.15	0.18
0.79	0.38	1.02	0.64	1.10	-0.44	-0.76	0.51	-0.47	0.62	-0.13	0.36
0.09	0.05	0.04	0.04	0.04	0.04	0.09	0.05	0.04	0.05	0.05	0.07
7.77	7.87	7.73	7.58	7.48	7.35	7.72	9.19	10.0	9.72	9.25	8.30

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
781	26840	164	0.54	0.21	-0.093

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.88	0.01	0.09	0.18	0.03	-0.104

07099400 ARKANSAS RIVER ABOVE PUEBLO, COLO.

LOCATION.--Lat 38°16'17", long 104°43'06", in NE¼NE¼ sec.36, T.20 S., R.66 W., Pueblo County, on left bank 450 ft (140 m) downstream from headgate of West Pueblo ditch, 0.4 mi (0.6 km) downstream from Pueblo Dam, and 7 mi (11 km) west of Pueblo.

DRAINAGE AREA.--4,670 mi² (12,095 km²).

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs, power developments, diversions above station for irrigation of about 88,000 acres (356 km²) and return flow from irrigated areas. Flow completely regulated by Pueblo Reservoir since Jan. 9, 1974.

07099400 ARKANSAS RIVER ABOVE PUEBLO, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER ABOVE PUEBLO, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1966										1	6	10	12	10	9	13	11	29	45	53	32	35	21	24	21	5	18	6	1	3					
1967		1	6	2	8	9	6	4	9	8	14	10	14	40	26	31	38	17	4	7	7	12	17	11	21	9	12	13	5	3	1				
1968									1	1	14	10	13	13	36	59	69	18	7	6	18	4	3	14	18	3	9	9	9	17	6	5	2	2	
1969						4	7	2	1	11	15	14	10	46	38	56	21	11	5	8	6	5	2	6	14	5	7	36	13	17	5				
1970											3	3	19	21	8		13	35	45	13	27	8	22	16	33	18	11	12	5	13	16	6	10	8	
1971											2	1	2	5	20	23	30	39	32	20	45	33	22	16	16	6	9	25	6	13					
1972								3	3	16	7	12	11	11	22	37	49	32	37	24	6	9	11	10	20	7	10	4	4	8	10	3			
1973									2	11	15	14	16	29	32	42	39	17	9	6	5	2	3	14	22	15	12	11	4	17	13	6	5	3	1

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2922	100.0	12	150.0	97	2656	90.9	24	910	165	677	23.1
1	28.00	1	2922	100.0	13	170.0	175	2559	87.6	25	1100	68	512	17.5
2	33.00	6	2921	100.0	14	200.0	191	2384	81.6	26	1200	88	444	15.1
3	38.00	2	2915	99.8	15	230.0	261	2193	75.1	27	1400	116	356	12.1
4	44.00	8	2913	99.7	16	270.0	270	1932	66.1	28	1700	47	240	8.2
5	51.00	13	2905	99.4	17	320.0	198	1662	56.9	29	1900	91	193	6.6
6	60.00	13	2892	99.0	18	370.0	184	1464	50.1	30	2300	51	102	3.4
7	70.00	9	2879	98.5	19	430.0	137	1280	43.8	31	2600	20	51	1.7
8	81.00	16	2870	98.2	20	500.0	146	1143	39.1	32	3100	17	31	1.0
9	94.00	48	2854	97.7	21	580.0	108	997	34.1	33	3600	13	14	.4
10	110.00	76	2806	96.0	22	670.0	101	889	30.4	34	4200	1	1	
11	130.00	74	2730	93.4	23	790.0	111	788	27.0					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER ABOVE PUEBLO, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1966	2120.0	8	2030.0	8	1590.0	8	1250.0	8	1140.0	8	1080.0	8	1020.0	8	954.0	8	741.0	7
1967	2300.0	6	2160.0	7	1870.0	7	1500.0	7	1410.0	7	1330.0	7	1150.0	7	997.0	7	709.0	8
1968	3710.0	3	3590.0	3	3260.0	3	2560.0	3	2290.0	3	1710.0	4	1660.0	3	1390.0	4	1010.0	3
1969	2380.0	5	2360.0	5	2260.0	5	1990.0	6	1890.0	5	1800.0	3	1620.0	4	1400.0	3	998.0	4
1970	3950.0	2	3860.0	2	3760.0	1	3350.0	1	2740.0	1	2660.0	1	2190.0	1	1900.0	1	1490.0	1
1971	2250.0	7	2230.0	6	2160.0	6	2050.0	5	1840.0	6	1590.0	5	1340.0	5	1190.0	5	908.0	5
1972	2660.0	4	2650.0	4	2560.0	4	2430.0	4	2100.0	4	1590.0	6	1300.0	6	1080.0	6	799.0	6
1973	4300.0	1	4110.0	1	3750.0	2	2720.0	2	2670.0	2	2270.0	2	1940.0	2	1710.0	2	1240.0	2

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER ABOVE PUEBLO, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1967	35.00	2	40.00	2	63.00	3	85.00	3	115.00	3	170.00	2	186.00	1	210.00	2	212.00	2
1968	28.00	1	39.00	1	45.00	1	51.00	1	66.00	1	191.00	4	226.00	4	245.00	4	239.00	4
1969	93.00	6	97.00	5	103.00	5	114.00	5	145.00	5	161.00	1	189.00	2	202.00	1	208.00	1
1970	57.00	3	58.00	3	60.00	2	66.00	2	119.00	4	217.00	5	269.00	6	298.00	6	380.00	6
1971	181.00	7	196.00	7	202.00	7	227.00	7	236.00	7	260.00	7	293.00	7	329.00	7	413.00	7
1972	90.00	5	110.00	6	113.00	6	131.00	6	167.00	6	224.00	6	251.00	5	278.00	5	300.00	5
1973	70.00	4	77.00	4	97.00	4	101.00	4	115.00	2	180.00	3	198.00	3	219.00	3	221.00	3

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
346	354	340	314	252	175	308	939	1894	1368	951	449
44510	14470	6900	3463	2396	1707	23780	239500	279000	219800	72100	52320
211	120	83.1	58.8	48.9	41.3	154	489	528	469	269	229
0.60	0.06	0.30	0.24	0.42	0.66	-0.53	1.77	0.02	0.55	0.96	1.88
0.61	0.34	0.24	0.19	0.19	0.24	0.50	0.52	0.28	0.34	0.28	0.51
4.50	4.60	4.43	4.08	3.28	2.27	4.01	12.2	24.6	17.8	12.4	5.83

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.47	2.53	2.52	2.49	2.39	2.23	2.41	2.93	3.26	3.11	2.96	2.61
0.07	0.02	0.01	0.01	0.01	0.01	0.09	0.04	0.02	0.02	0.01	0.04
0.26	0.16	0.11	0.08	0.08	0.10	0.31	0.19	0.13	0.15	0.12	0.19
0.44	-0.27	0.09	0.01	-0.11	0.13	-1.25	1.00	-0.41	0.16	0.31	0.90
0.11	0.06	0.04	0.03	0.04	0.05	0.13	0.07	0.04	0.05	0.04	0.07
7.73	7.91	7.89	7.80	7.50	6.99	7.56	9.18	10.2	9.75	9.28	8.18

07099400 ARKANSAS RIVER ABOVE PUEBLO, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
643	20510	143	1.22	0.22	0.010

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.80	0.01	0.09	0.64	0.03	0.035

07099500 ARKANSAS RIVER NEAR PUEBLO, COLO.

LOCATION.--Lat 38°16'02", long 104°39'26", in SE¼NW¼ sec.34, T.20 S., R.65 W., Pueblo County, on right bank at intake of south-side waterworks, 1.6 mi (2.6 km) upstream from Dry Creek and 2.5 mi (4.0 km) west of city hall in Pueblo.

DRAINAGE AREA.--4,686 mi² (12,137 km²).

REMARKS.--Records include water diverted above station into intake of north-side waterworks for municipal supply of Pueblo, but not water diverted by south-side waterworks. Natural flow of stream affected by transmountain diversions, storage reservoirs, power developments, diversions above station for irrigation of about 88,000 acres (356 km²), and return flow from irrigated areas. Flow regulated by Pueblo Reservoir since Jan. 9, 1974.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER NEAR PUEBLO, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1895																				13	65	138	20	17	25	42	27	16	1	1					
1896																			9	31	65	162	50	9	23	12	3	1	1						
1897																		23	24	125	79	14	13	15	25	19	12	13	3						
1898														2	2	10	5	6	20	74	76	65	26	19	18	16	11	12	2	1					
1899													2	5	1	1	3	5	17	62	62	79	29	7	12	16	27	24	9	4					
1900																		1	28	53	117	51	24	15	13	10	11	12	15	13	2				
1901																			5	36	95	95	37	28	18	12	19	11	7		2				
1902															2	2	1	10	45	130	78	47	30	6	4	9					1				
1903																1	1	6	30	53	138	37	32	14	9	18	10	14	1	1					
1904																	3	3	29	155	18	23	29	34	35	23	10	4							
1905																			22	46	41	75	45	54	16	17	17	15	6	7	4				
1906																			20	41	84	80	22	18	36	37	17	6	3	1					
1907														1	4		1	7	21	24	39	64	35	56	38	17	23	18	16	1					
1908												1		2	2	10	5	22	18	59	88	74	18	27	24	14	2								
1909																1	1	9	24	172	13	4	12	22	39	15	16	29	7	1					
1910																		7	13	23	57	96	69	26	19	35	11	9							
1911															1	2	5	14	29	101	68	22	13	13	28	29	28	12							
1912																		3	11	79	73	38	38	31	18	11	22	34	8						
1913																	3	1	24	78	84	70	11	25	35	28	5	1							
1914																			1	32	145	53	19	17	12	12	28	20	16	8	2				
1915																				4	109	90	41	41	37	22	11	10							
1916																			12	21	89	102	29	17	26	32	28	10							
1917																		2	12	41	108	83	23	16	26	16	12	14	10	2					
1918														2	3	11	7	30	51	79	63	39	12	10	23	12	4	6	12		1				
1919																1	3	19	37	93	24	37	28	23	38	43	16	3							
1920																		16	34	47	70	67	28	14	30	16	23	21							
1921																	4	21	32	22	55	98	20	21	19	9	14	24	7	11	4	1		2	1
1922																		2	16	64	50	92	49	25	22	23	16	6							
1923																	1	21	69	54	53	15	8	22	32	27	39	18	5	1					
1924																		8	17	13	29	69	67	69	39	25	15	4	7	4					
1925														2	7	7	14	26	31	65	94	35	29	16	31	7	1								
1926																	3	16	34	101	61	27	23	24	32	13	21	10							
1927																	1	19	60	81	43	33	29	16	15	40	22	4	2						
1928																		5	38	74	45	59	24	22	52	28	10	7	2						
1929																2	4	7	29	58	98	24	8	11	38	50	24	4	4	3	1				
1930																		2	21	34	63	72	65	40	25	35	5	3							
1931														2	8	15	14	39	55	97	57	26	20	18	14										
1932														2	2	8	23	48	81	69	25	8	15	12	27	27	15	4							
1933								1	2		2	1	4	6	17	23	18	53	56	60	31	18	7	16	14	16	9	10	1						
1934								1				4	2	8	30	35	49	79	61	36	24	6	7	9	14										
1935		1					1		3	4	2	9	2	7	21	61	66	41	13	7	9	14	22	8	20	25	14	11	4						
1936										2	1	3		9	10	8	12	36	46	43	44	9	14	22	36	32	30	6	2	1					
1937																6	7	9	39	75	55	75	36	24	14	14	10	1							
1938																	1	35	83	71	19	22	36	25	19	15	19	18	2						
1939															1	2	2	12	29	86	68	63	20	23	31	22	6								
1940												3	3	8	6	17	27	76	73	48	28	14	29	24	10										
1941															2	1	16	72	66	54	23	10	14	18	21	38	15	5	6	4					
1942																			1	32	68	94	26	21	17	14	20	23	39	8	2				
1943																			1	37	96	83	33	19	50	18	23	5							
1944														1	2	1	3	6	28	108	59	23	43	31	16	13	19	13							
1945															3	5	6	65	46	49	42	17	37	31	32	16	13	2	1						

07099500 ARKANSAS RIVER NEAR PUEBLO, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER NEAR PUEBLO, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1946													1	2	9	9	7	16	42	87	47	30	22	40	25	10	16	2							
1947															1	3	7	7	55	81	46	15	21	17	42	21	14	23	6	4	2				
1948																1	3	9	8	14	116	65	16	32	45	22	6	14	13	2					
1949																		24	55	69	66	18	24	27	25	13	8	15	15	6					
1950												3	9	4	4	15	20	25	33	83	55	22	17	29	20	16	9	1							
1951														1	20	45	24	60	52	36	9	21	6	23	38	20	9		1						
1952															5	8	18	35	54	67	32	9	15	18	40	25	16	14	10						
1953													1	8	16	17	12	60	60	52	28	19	18	11	15	31	7	6	4						
1954												2	11	14	28	30	30	35	12	72	58	23	22	12	11	4		1							
1955												2	4	8	24	29	28	60	94	7	13	26	19	16	23	9	1			2					
1956												1	12	13	17	18	30	31	64	57	23	21	25	17	5	7	18	4	3						
1957												3	10	10	13	37	24	40	28	28	22	15	10	7	9	19	13	15	24	24	12	2			
1958															1			9	8	40	50	134	45	31	22	6	1	7	11						
1959																8	10	44	47	75	60	32	20	34	15	10	10								
1960																	2	6	18	62	78	59	54	24	33	13	8	9							
1961														1	2	6	14	8	40	113	51	8	15	28	44	23	12								
1962																			7	29	37	61	93	33	49	17	24	15							
1963													5	3	3	5	10	41	44	97	53	29	23	34	12	6									
1964														1	7	18	30	93	90	20	4	3	14	28	34	17	6	1							
1965															1	3	17	48	59	66	11	3	8	28	36	18	16	20	22	8		1			
1966																	3	23	19	21	61	93	52	37	37	15	2	2							
1967													5	9	17	12	22	33	67	60	20	15	22	22	41	13	7								
1968																	1	27	45	122	39	14	20	13	28	19	23	15							
1969														1	3	5	18	30	55	87	36	16	10	11	24	46	23								
1970																	1	18	29	17	53	59	33	32	51	18	19	25	10						
1971																		3	23	46	57	76	50	36	21	38	11	4							
1972																1	10	30	38	89	61	37	23	17	30	8	13	9							
1973																1	13	29	67	66	41	17	4	23	36	19	24	17	8						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	28854	100.0	12	27.0	71	28802	99.8	24	1000	2078	5866	20.3
1	1.00	1	28854	100.0	13	37.0	132	28731	99.6	25	1400	1523	3788	13.1
2	1.40	0	28853	100.0	14	50.0	295	28599	99.1	26	1900	1069	2265	7.8
3	1.80	0	28853	100.0	15	68.0	501	28304	98.1	27	2500	712	1196	4.1
4	2.50	0	28853	100.0	16	92.0	663	27803	96.4	28	3400	326	484	1.6
5	3.30	0	28853	100.0	17	120.0	1726	27140	94.1	29	4600	118	158	.5
6	4.50	1	28853	100.0	18	170.0	2774	25414	88.1	30	6200	33	40	.1
7	6.10	2	28852	100.0	19	230.0	4773	22640	78.5	31	8400	4	7	
8	8.20	5	28850	100.0	20	310.0	4414	17867	61.9	32	11000		3	
9	11.00	6	28845	100.0	21	410.0	3651	13453	46.6	33	15000	2	3	
10	15.00	5	28839	99.9	22	560.0	2115	9802	34.0	34	21000	1	1	
11	20.00	32	28834	99.9	23	750.0	1821	7687	26.6					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER NEAR PUEBLO, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1895	5000.0	22	3720.0	32	3080.0	35	2430.0	44	2180.0	45	2100.0	27	2000.0	19	1780.0	20	1360.0	17
1896	3440.0	42	2080.0	72	1830.0	70	1580.0	68	1250.0	71	1040.0	72	902.0	71	816.0	71	672.0	70
1897	3750.0	40	3560.0	35	3280.0	31	2730.0	33	2550.0	29	2020.0	30	1650.0	34	1370.0	38	979.0	42
1898	5380.0	18	4370.0	20	3300.0	30	2690.0	36	2340.0	36	1970.0	33	1590.0	38	1300.0	44	966.0	46
1899	4890.0	24	4800.0	14	4670.0	11	4250.0	8	3480.0	12	2910.0	9	2490.0	7	2030.0	8	1490.0	11
1900	6980.0	7	6240.0	6	5990.0	4	5460.0	3	4690.0	3	3530.0	4	2710.0	6	2210.0	6	1580.0	6
1901	8070.0	5	5240.0	11	4060.0	18	3870.0	15	3190.0	14	2410.0	17	1880.0	22	1610.0	24	1230.0	21
1902	8320.0	4	3340.0	38	1650.0	73	1210.0	75	934.0	77	719.0	78	639.0	76	584.0	75	471.0	75
1903	6100.0	14	4250.0	22	3510.0	26	3390.0	22	2650.0	25	1950.0	34	1550.0	43	1290.0	45	975.0	43
1904	3310.0	48	2820.0	53	2300.0	59	2020.0	57	1820.0	56	1520.0	56	1330.0	55	1210.0	52	959.0	48
1905	6460.0	11	6270.0	5	6150.0	3	5350.0	4	4180.0	4	3000.0	7	2370.0	9	2000.0	9	1520.0	7
1906	4880.0	25	4380.0	19	3690.0	23	2820.0	28	2350.0	34	2050.0	28	1800.0	28	1550.0	30	1210.0	26
1907	4640.0	27	4450.0	18	4230.0	17	3950.0	13	3500.0	11	2870.0	10	2400.0	8	2000.0	10	1480.0	12
1908	1930.0	75	1800.0	73	1690.0	72	1530.0	70	1350.0	69	1160.0	70	966.0	70	811.0	73	640.0	71
1909	4920.0	23	4050.0	25	3480.0	28	3190.0	24	3020.0	17	2330.0	21	1980.0	20	1910.0	14	1420.0	13
1910	3250.0	50	3130.0	43	2880.0	40	2360.0	49	2100.0	49	1810.0	44	1510.0	44	1280.0	46	1020.0	41
1911	3140.0	54	3100.0	45	2760.0	44	2510.0	41	2400.0	33	2160.0	24	1850.0	24	1610.0	25	1180.0	29
1912	4040.0	33	3940.0	29	3700.0	21	3250.0	23	2930.0	19	2600.0	13	2240.0	12	1860.0	15	1330.0	18
1913	2660.0	64	2340.0	64	1820.0	71	1710.0	66	1540.0	66	1320.0	64	1170.0	64	974.0	66	762.0	62
1914	6720.0	9	5320.0	10	5180.0	6	4300.0	7	3580.0	9	3240.0	6	2900.0	5	2400.0	5	1750.0	5
1915	3370.0	44	3270.0	39	3040.0	36	2530.0	40	2200.0	43	1770.0	47	1490.0	46	1360.0	40	1090.0	35
1916	2640.0	65	2640.0	58	2620.0	50	2450.0	43	2240.0	39	1930.0	35	1720.0	31	1570.0	29	1190.0	27
1917	4690.0	26	4560.0	17	4280.0	16	3840.0	16	3260.0	13	2510.0	15	2030.0	17	1690.0	21	1220.0	24
1918	6380.0	12	4770.0	15	4350.0	15	4070.0	12	3000.0	18	2170.0	23	1640.0	35	1330.0	43	960.0	47
1919	2820.0	60	2720.0	56	2510.0	54	2220.0	55	1870.0	55	1770.0	48	1560.0	41	1410.0	36	1140.0	32
1920	3240.0	51	3110.0	44	2880.0	41	2780.0	31	2570.0	28	2140.0	26	1850.0	25	1600.0	26	1170.0	30
1921	34600.0	1	24800.0	1	14700.0	1	9970.0	1	6690.0	1	4760.0	2	3650.0	2	2970.0	2	2090.0	3
1922	2710.0	63	2640.0	57	2520.0	53	2330.0	50	2140.0	47	1800.0	45	1460.0	48	1280.0	47	942.0	49
1923	6120.0	13	4040.0	26	3670.0	24	3110.0	25	2680.0	24	2350.0	19	2220.0	13	1990.0	11	1510.0	10
1924	5780.0	16	5730.0	9	4920.0	8	4100.0	11	3050.0	16	2340.0	20	1840.0	26	1580.0	27	1230.0	22
1925	2370.0	72	1770.0	74	1410.0	75	1290.0	72	1180.0	72	1070.0	71	900.0	72	812.0	72	602.0	72

07099500 ARKANSAS RIVER NEAR PUEBLO, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER NEAR PUEBLO, CO.

YEAR	1	3	7	15	30	60	90	120	183
1926	3190.0 53	3020.0 47	2820.0 42	2620.0 37	2230.0 41	1850.0 39	1590.0 39	1370.0 39	1030.0 39
1927	3980.0 36	2980.0 48	2750.0 45	2380.0 47	2200.0 42	1900.0 37	1690.0 32	1450.0 33	1090.0 36
1928	3440.0 43	3410.0 37	3270.0 32	2820.0 29	2150.0 46	1820.0 40	1590.0 40	1430.0 34	1050.0 37
1929	6520.0 10	5780.0 8	4730.0 9	3610.0 18	2700.0 23	2150.0 25	1930.0 21	1840.0 16	1380.0 16
1930	3320.0 47	2620.0 59	1980.0 65	1740.0 64	1560.0 64	1270.0 67	1310.0 58	1170.0 56	917.0 51
1931	1280.0 79	1250.0 79	1140.0 78	1040.0 78	998.0 75	794.0 75	639.0 77	553.0 77	436.0 76
1932	3350.0 45	2850.0 50	2540.0 51	2300.0 52	1970.0 52	1690.0 51	1420.0 51	1220.0 50	870.0 55
1933	3800.0 38	3140.0 42	2680.0 48	2500.0 42	2240.0 40	1680.0 52	1330.0 56	1100.0 60	766.0 61
1934	1370.0 77	1270.0 77	1220.0 77	1140.0 76	943.0 76	622.0 79	460.0 79	395.0 79	311.0 79
1935	4090.0 32	3720.0 33	3350.0 29	3090.0 26	2450.0 31	2010.0 31	1630.0 36	1400.0 37	972.0 44
1936	5060.0 19	4000.0 27	2890.0 39	2310.0 51	1920.0 53	1850.0 38	1750.0 29	1640.0 23	1220.0 25
1937	3080.0 55	2120.0 70	2000.0 64	1760.0 63	1480.0 67	1300.0 65	1060.0 69	938.0 68	723.0 66
1938	3800.0 39	3540.0 36	3110.0 34	2770.0 32	2620.0 27	2040.0 29	1670.0 33	1510.0 31	1140.0 31
1939	2180.0 74	2110.0 71	1960.0 68	1730.0 65	1600.0 63	1400.0 59	1160.0 65	1000.0 65	755.0 63
1940	1340.0 78	1260.0 78	1090.0 79	957.0 79	911.0 78	775.0 76	624.0 78	546.0 78	412.0 77
1941	5010.0 21	4720.0 16	4620.0 12	3760.0 17	2770.0 22	2250.0 22	1860.0 23	1670.0 22	1190.0 28
1942	7780.0 6	6040.0 7	5100.0 7	4460.0 5	4020.0 5	3860.0 3	3440.0 3	2940.0 3	2150.0 2
1943	2970.0 58	2830.0 51	2630.0 49	2360.0 48	2070.0 50	1730.0 49	1510.0 45	1350.0 41	1100.0 33
1944	3040.0 56	2830.0 52	2710.0 46	2610.0 38	2430.0 32	1910.0 36	1550.0 42	1350.0 42	1030.0 38
1945	4000.0 34	3090.0 46	2340.0 56	2030.0 56	1650.0 58	1480.0 57	1350.0 54	1200.0 53	912.0 52
1946	2580.0 67	2510.0 61	2330.0 57	2230.0 54	1630.0 60	1360.0 62	1230.0 60	1110.0 59	837.0 56
1947	6920.0 8	6390.0 4	5650.0 5	4330.0 6	3700.0 8	2750.0 11	2340.0 10	2060.0 7	1520.0 8
1948	5420.0 17	4860.0 13	4450.0 14	4230.0 9	3510.0 10	2570.0 14	2050.0 16	1810.0 18	1400.0 15
1949	5020.0 20	4870.0 12	4730.0 10	4140.0 10	3780.0 7	2920.0 8	2300.0 11	1920.0 13	1410.0 14
1950	2560.0 68	2420.0 63	2350.0 55	1980.0 59	1640.0 59	1370.0 60	1130.0 66	951.0 67	689.0 68
1951	3700.0 41	2200.0 69	1970.0 66	1630.0 67	1540.0 65	1430.0 58	1310.0 57	1130.0 57	798.0 60
1952	4240.0 30	3990.0 28	3670.0 25	3550.0 19	3080.0 15	2370.0 18	2020.0 18	1790.0 19	1330.0 19
1953	4190.0 31	3890.0 30	3500.0 27	2870.0 27	2290.0 38	1790.0 46	1480.0 47	1220.0 51	836.0 57
1954	3040.0 57	1580.0 76	1410.0 76	1130.0 77	799.0 79	760.0 77	679.0 75	572.0 76	403.0 78
1955	6000.0 15	4270.0 21	2090.0 62	1280.0 73	1150.0 73	965.0 73	891.0 73	824.0 70	586.0 73
1956	3950.0 37	3650.0 34	3190.0 33	2700.0 34	2340.0 35	1590.0 55	1280.0 59	1060.0 61	751.0 64
1957	8510.0 3	8430.0 2	8070.0 2	7360.0 2	6240.0 2	5300.0 1	4330.0 1	3690.0 1	2570.0 1
1958	4280.0 29	4200.0 23	3890.0 19	3540.0 20	2630.0 26	1820.0 41	1450.0 49	1230.0 49	925.0 50
1959	2470.0 70	2320.0 65	2110.0 61	2000.0 58	1620.0 61	1230.0 68	1080.0 68	894.0 69	674.0 69
1960	3270.0 49	3160.0 41	2990.0 38	2400.0 46	2100.0 48	1610.0 54	1370.0 52	1170.0 54	900.0 53
1961	2420.0 71	2280.0 67	2060.0 63	1810.0 61	1730.0 57	1300.0 66	1200.0 62	1170.0 55	899.0 54
1962	3220.0 52	2940.0 49	2760.0 43	2700.0 35	2510.0 30	2010.0 32	1730.0 30	1570.0 28	1230.0 23
1963	1870.0 76	1710.0 75	1500.0 74	1240.0 74	1000.0 74	843.0 74	697.0 74	685.0 74	518.0 74
1964	2640.0 66	2480.0 62	2330.0 58	1780.0 62	1600.0 62	1350.0 63	1210.0 61	1020.0 64	720.0 67
1965	9960.0 2	6410.0 3	4500.0 13	3930.0 14	3790.0 6	3280.0 5	2910.0 4	2470.0 4	1850.0 4
1966	2790.0 62	2600.0 60	1890.0 69	1510.0 71	1310.0 70	1210.0 69	1130.0 67	1050.0 62	804.0 59
1967	2290.0 73	2200.0 68	1960.0 67	1560.0 69	1410.0 68	1360.0 61	1180.0 63	1030.0 63	730.0 65
1968	3320.0 46	3230.0 40	3010.0 37	2410.0 45	2310.0 37	1820.0 42	1800.0 27	1510.0 32	1100.0 34
1969	2490.0 69	2320.0 66	2140.0 60	1950.0 60	1880.0 54	1810.0 43	1630.0 37	1420.0 35	1020.0 40
1970	3980.0 35	3870.0 31	3690.0 22	3440.0 21	2840.0 20	2670.0 12	2200.0 14	1930.0 12	1510.0 9
1971	2800.0 61	2730.0 55	2540.0 52	2280.0 53	1990.0 51	1720.0 50	1440.0 50	1270.0 48	966.0 45
1972	2820.0 59	2810.0 54	2710.0 47	2550.0 39	2180.0 44	1640.0 53	1350.0 53	1110.0 58	827.0 58
1973	4380.0 28	4150.0 24	3790.0 20	2800.0 30	2790.0 21	2420.0 16	2080.0 15	1830.0 17	1320.0 20

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER NEAR PUEBLO, CO.

YEAR	1	3	7	14	30	60	90	120	183
1896	301.00 78	301.00 77	312.00 77	340.00 77	374.00 78	425.00 78	454.00 78	458.00 75	486.00 73
1897	146.00 67	151.00 60	155.00 57	173.00 56	203.00 46	269.00 52	285.00 46	296.00 44	300.00 43
1898	146.00 68	146.00 59	155.00 58	168.00 53	235.00 62	281.00 59	343.00 65	347.00 61	363.00 54
1899	31.00 19	35.00 14	39.00 9	55.00 10	97.00 14	127.00 11	192.00 18	222.00 19	286.00 39
1900	150.00 70	165.00 68	183.00 66	218.00 67	234.00 59	250.00 48	298.00 55	302.00 45	333.00 47
1901	134.00 63	161.00 66	171.00 63	181.00 62	215.00 49	245.00 45	286.00 47	322.00 56	361.00 53
1902	75.00 39	199.00 73	226.00 73	241.00 73	256.00 67	277.00 56	299.00 56	337.00 58	332.00 46
1903	60.00 33	67.00 31	114.00 42	185.00 63	234.00 60	291.00 62	296.00 53	304.00 47	308.00 44
1904	80.00 42	103.00 44	127.00 45	173.00 57	212.00 48	281.00 60	286.00 48	288.00 43	291.00 41
1905	95.00 49	105.00 45	148.00 55	176.00 59	224.00 54	260.00 49	314.00 60	348.00 62	450.00 69
1906	180.00 74	193.00 71	198.00 67	228.00 68	251.00 66	303.00 63	333.00 63	364.00 66	358.00 51
1907	46.00 26	55.00 26	80.00 26	114.00 30	166.00 34	243.00 43	296.00 54	352.00 63	562.00 77
1908	148.00 69	163.00 67	210.00 70	229.00 69	249.00 64	274.00 54	291.00 51	323.00 57	376.00 56
1909	25.00 11	40.00 16	67.00 21	93.00 24	106.00 19	169.00 21	195.00 21	215.00 16	232.00 20
1910	145.00 66	158.00 63	202.00 69	231.00 70	279.00 70	409.00 76	441.00 77	465.00 78	526.00 76
1911	90.00 48	137.00 57	144.00 53	172.00 54	201.00 44	247.00 46	253.00 37	263.00 35	266.00 32
1912	65.00 37	82.00 37	103.00 39	121.00 35	217.00 50	280.00 57	290.00 50	314.00 50	490.00 74
1913	110.00 55	125.00 52	167.00 62	180.00 61	225.00 55	277.00 55	324.00 61	317.00 53	456.00 70
1914	195.00 75	195.00 72	213.00 71	270.00 74	313.00 73	333.00 67	347.00 66	346.00 60	353.00 49
1915	295.00 77	322.00 78	338.00 78	340.00 78	355.00 77	377.00 74	414.00 74	410.00 72	435.00 65
1916	170.00 72	203.00 74	213.00 72	237.00 71	287.00 71	335.00 68	368.00 71	380.00 71	405.00 63
1917	128.00 61	187.00 69	230.00 74	240.00 72	261.00 68	310.00 64	338.00 64	353.00 64	388.00 59
1918	42.00 23	59.00 27	88.00 33	117.00 33	142.00 28	189.00 26	215.00 23	232.00 23	263.00 30
1919	49.00 30	62.00 30	85.00 31	145.00 43	191.00 42	218.00 37	215.00 24	235.00 24	260.00 29
1920	78.00 40	161.00 64	165.00 60	172.00 55	199.00 43	245.00 44	273.00 44	321.00 55	357.00 50

07099500 ARKANSAS RIVER NEAR PUEBLO, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER NEAR PUEBLO, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1921	103.00	51	105.00	46	145.00	54	163.00	50	188.00	41	203.00	31	253.00	38	303.00	46	361.00	52
1922	129.00	62	129.00	54	135.00	48	149.00	44	298.00	72	340.00	70	378.00	72	424.00	73	439.00	67
1923	114.00	58	123.00	51	136.00	50	157.00	49	184.00	38	202.00	29	219.00	25	254.00	32	270.00	35
1924	136.00	64	154.00	61	176.00	64	178.00	60	263.00	69	424.00	77	431.00	76	462.00	77	615.00	78
1925	64.00	35	70.00	34	96.00	36	143.00	41	186.00	39	229.00	39	269.00	43	271.00	39	279.00	38
1926	48.00	28	51.00	22	52.00	16	74.00	18	99.00	18	212.00	33	232.00	33	252.00	29	274.00	36
1927	112.00	56	115.00	47	138.00	51	165.00	51	179.00	36	203.00	30	254.00	39	265.00	36	257.00	27
1928	117.00	59	128.00	53	135.00	49	155.00	46	217.00	51	248.00	47	288.00	49	307.00	48	390.00	60
1929	103.00	52	155.00	62	167.00	61	188.00	65	207.00	47	265.00	50	308.00	57	316.00	51	314.00	45
1930	80.00	43	93.00	40	107.00	40	151.00	45	229.00	58	337.00	69	347.00	67	373.00	68	471.00	72
1931	88.00	46	133.00	56	160.00	59	166.00	52	183.00	37	209.00	32	230.00	30	254.00	30	278.00	37
1932	45.00	24	51.00	23	57.00	19	65.00	13	107.00	20	124.00	9	131.00	5	149.00	5	180.00	7
1933	22.00	10	34.00	12	47.00	14	71.00	17	87.00	11	139.00	13	154.00	11	164.00	9	189.00	8
1934	8.00	2	15.00	3	27.00	3	38.00	4	81.00	10	120.00	7	142.00	6	158.00	7	160.00	6
1935	8.00	3	12.00	2	18.00	2	25.00	1	48.00	1	68.00	1	85.00	1	91.00	1	94.00	1
1936	1.00	1	5.00	1	13.00	1	26.00	2	69.00	7	126.00	10	147.00	8	171.00	10	222.00	17
1937	26.00	12	44.00	17	57.00	20	69.00	16	235.00	61	273.00	53	266.00	42	285.00	42	346.00	48
1938	87.00	45	90.00	39	96.00	37	115.00	32	143.00	29	175.00	22	200.00	22	221.00	18	224.00	18
1939	126.00	60	131.00	55	143.00	52	157.00	47	251.00	65	311.00	65	308.00	58	316.00	52	366.00	55
1940	21.00	6	48.00	20	81.00	27	108.00	28	129.00	25	140.00	14	148.00	9	161.00	8	196.00	10
1941	20.00	4	25.00	5	45.00	12	76.00	19	80.00	9	162.00	20	176.00	14	195.00	13	201.00	12
1942	55.00	32	68.00	32	95.00	35	107.00	27	236.00	63	316.00	66	353.00	68	373.00	69	445.00	68
1943	252.00	76	263.00	76	270.00	76	285.00	75	320.00	74	345.00	71	365.00	70	379.00	70	384.00	58
1944	157.00	71	161.00	65	180.00	65	187.00	64	222.00	52	241.00	42	255.00	41	277.00	41	289.00	40
1945	40.00	21	54.00	25	84.00	30	121.00	34	137.00	27	148.00	18	193.00	19	224.00	21	219.00	16
1946	53.00	31	59.00	28	82.00	28	114.00	31	165.00	33	215.00	34	231.00	31	248.00	27	268.00	34
1947	29.00	16	45.00	18	51.00	15	59.00	12	95.00	13	188.00	25	228.00	29	244.00	26	240.00	21
1948	61.00	34	81.00	35	88.00	32	128.00	38	329.00	76	352.00	72	358.00	69	370.00	67	398.00	62
1949	112.00	57	116.00	48	129.00	46	142.00	40	159.00	31	190.00	27	224.00	28	252.00	28	252.00	25
1950	21.00	7	26.00	6	37.00	6	78.00	20	91.00	12	145.00	15	194.00	20	223.00	20	259.00	28
1951	26.00	13	28.00	9	45.00	13	68.00	14	72.00	8	90.00	2	117.00	4	133.00	4	156.00	4
1952	37.00	20	51.00	21	70.00	23	79.00	21	98.00	15	145.00	16	188.00	16	219.00	17	210.00	14
1953	41.00	22	45.00	19	53.00	17	57.00	11	107.00	21	148.00	17	192.00	17	232.00	22	230.00	19
1954	29.00	14	31.00	10	39.00	7	50.00	7	66.00	5	118.00	6	175.00	13	213.00	15	216.00	15
1955	22.00	8	27.00	7	34.00	4	50.00	8	61.00	3	107.00	4	108.00	3	120.00	3	146.00	3
1956	20.00	5	23.00	4	41.00	10	47.00	5	61.00	4	114.00	5	150.00	10	173.00	11	196.00	11
1957	22.00	9	28.00	8	34.00	5	37.00	3	57.00	2	93.00	3	98.00	2	102.00	2	127.00	2
1958	89.00	47	231.00	75	244.00	75	289.00	76	327.00	75	371.00	73	407.00	73	428.00	74	457.00	71
1959	65.00	36	100.00	42	115.00	43	122.00	36	135.00	26	183.00	23	231.00	32	258.00	33	256.00	26
1960	71.00	38	81.00	36	84.00	29	110.00	29	228.00	56	280.00	58	294.00	52	319.00	54	377.00	57
1961	78.00	41	83.00	38	93.00	34	96.00	25	203.00	45	230.00	40	254.00	40	269.00	37	266.00	33
1962	47.00	27	53.00	24	76.00	25	123.00	37	152.00	30	393.00	75	418.00	75	459.00	76	523.00	75
1963	109.00	53	116.00	49	124.00	44	145.00	42	172.00	35	232.00	41	252.00	36	275.00	40	264.00	31
1964	29.00	15	34.00	13	39.00	8	49.00	6	98.00	16	122.00	8	142.00	7	155.00	6	160.00	5
1965	46.00	25	70.00	33	73.00	24	91.00	23	117.00	22	136.00	12	165.00	12	179.00	12	191.00	9
1966	139.00	65	142.00	58	153.00	56	174.00	58	223.00	53	287.00	61	330.00	62	364.00	65	411.00	64
1967	30.00	17	32.00	11	53.00	18	69.00	15	98.00	17	156.00	19	180.00	15	204.00	14	202.00	13
1968	30.00	18	36.00	15	42.00	11	55.00	9	68.00	6	216.00	35	246.00	34	260.00	34	250.00	24
1969	97.00	50	100.00	43	111.00	41	130.00	39	162.00	32	185.00	24	221.00	27	238.00	25	242.00	22
1970	49.00	29	62.00	29	68.00	22	81.00	22	120.00	23	218.00	36	279.00	45	311.00	49	392.00	61
1971	175.00	73	187.00	70	199.00	68	218.00	66	229.00	57	266.00	51	314.00	59	344.00	59	437.00	66
1972	110.00	54	122.00	50	134.00	47	157.00	48	187.00	40	226.00	38	251.00	35	271.00	38	298.00	42
1973	85.00	44	94.00	41	101.00	38	105.00	26	127.00	24	194.00	28	219.00	26	254.00	31	245.00	23

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
354	370	341	319	286	245	391	1091	2144	1403	923	430
48520	26220	9936	7650	8757	11380	102200	277300	938700	677200	241300	87110
220	162	99.7	87.5	93.6	107	320	527	969	823	491	295
1.18	1.03	0.01	0.29	0.84	0.47	3.55	1.86	1.44	2.28	1.47	2.12
0.62	0.44	0.29	0.27	0.33	0.44	0.82	0.48	0.45	0.59	0.53	0.69
4.26	4.46	4.10	3.84	3.45	2.95	4.72	13.2	25.8	16.9	11.1	5.19

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.47	2.53	2.51	2.49	2.43	2.34	2.49	3.00	3.29	3.08	2.91	2.55
0.07	0.04	0.02	0.02	0.02	0.05	0.09	0.03	0.04	0.06	0.06	0.07
0.27	0.20	0.15	0.12	0.14	0.22	0.30	0.19	0.21	0.25	0.24	0.26
-0.14	-0.71	-1.18	-0.42	-0.24	-0.79	-0.12	0.34	-0.84	-0.74	-0.63	0.08
0.11	0.08	0.06	0.05	0.06	0.09	0.12	0.06	0.06	0.08	0.08	0.10
7.69	7.87	7.83	7.75	7.59	7.30	7.77	9.34	10.2	9.60	9.06	7.96

07099500 ARKANSAS RIVER NEAR PUEBLO, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
693	48200	220	0.55	0.32	0.115

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.82	0.02	0.14	-0.55	0.05	0.189

07103700 FOUNTAIN CREEK NEAR COLORADO SPRINGS, COLO.

LOCATION.--Lat 38°51'17", long 104°52'39", in SE¼SW¼ sec.3, T.14 S., R.67 W., El Paso County, on left bank 200 ft (61 m) upstream from diversion to city of Colorado Springs, 0.5 mi (0.8 km) east of bridge on U.S. Highway 24 near west city limits of Colorado Springs, and 1.0 mi (1.6 km) downstream from Sutherland Creek.

DRAINAGE AREA.--102 mi² (264 km²).

REMARKS.--Natural flow of stream affected by storage reservoirs, power developments, diversions for irrigation and municipal use, and at times, transbasin diversion from Beaver Creek drainage and transmountain diversions from Colorado River Basin.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FOUNTAIN CREEK NEAR COLORADO SPRINGS, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1959					1	1	1	2	9	8	14	35	86	42	86	38	18	12	4	5		1		1			1								
1960							3	5	30	41	54	43	27	13	28	34	39	33	9	6		1													
1961				1	2	1	8	24	32	41	51	27	23	5	26	8	11	9	9	24	18	15	13	10	2	1	2				1	1			
1962								6	15	26	34	68	74	25	33	25	18	17	7	3	3	6	3	1				1							
1963			1	2	2		10	22	75	63	85	40	35	7	10	3	3	3		2	1		1												
1964					2	2	20	50	82	37	56	38	26	13	15	6	1	8	5	2				2					1						
1965			2		9	2	14	34	56	43	17	8	15	6	13	11	9	16	6	16	11	10	12	12	11	5	4	3	6	2	5	3	1	2	1
1966											11	24	62	17	91	61	32	24	4	12	6	11	4	5				1							
1967						2	10	18	68	31	27	56	29	9	46	17	12	15	2	8	3	3	5	2			2								
1968					1		3	6	11	19	55	56	62	27	59	24	9	10	3	8	3	4	1	5											
1969		1	2	3	1	1	11	18	27	44	63	25	17	10	19	14	23	22	8	18	6	9	10	2	4	1	3	2				1			
1970									1	12	41	59	34	14	26	21	37	48	26	21	6	13	4		2										
1971				3	2	6	5	5	8	22	47	47	55	18	29	36	32	23	12	11	1	1	2												
1972					2	5	18	30	52	56	74	59	25	4	19	6	6	2	4	2	1			1											
1973				1	7	7	9	21	57	49	36	12	5	3	16	6	5	10	6	9	2	10	10	12	9	6	11	9	10	8	13	5	1		
1974							5	17	17	31	37	37	29	16	51	28	17	26	26	23	3	2													
1975					3	11	50	108	49	31	18	6	3	29	17	6	9	3	10	3	2	3	3			1									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	6209	100.0	12	8.8	610	3093	49.8	24	44	28	142	2.2
1	2.00	1	6209	100.0	13	10.0	232	2483	40.0	25	50	14	114	1.8
2	2.30	5	6208	100.0	14	11.0	596	2251	36.3	26	57	23	100	1.6
3	2.60	10	6203	99.9	15	13.0	355	1655	26.7	27	66	16	77	1.2
4	3.00	29	6193	99.7	16	15.0	278	1300	20.9	28	75	17	61	.9
5	3.40	30	6164	99.3	17	17.0	287	1022	16.5	29	86	10	44	.7
6	3.90	128	6134	98.8	18	20.0	134	735	11.8	30	98	19	34	.5
7	4.50	308	6006	96.7	19	22.0	180	601	9.7	31	110	10	15	.2
8	5.10	648	5698	91.8	20	26.0	67	421	6.8	32	130	2	5	
9	5.90	572	5050	81.3	21	29.0	88	354	5.7	33	150	2	3	
10	6.70	733	4478	72.1	22	34.0	68	266	4.3	34	170	1	1	
11	7.70	652	3745	60.3	23	38.0	56	198	3.2					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FOUNTAIN CREEK NEAR COLORADO SPRINGS, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1959	58.0	9	42.0	7	28.0	12	21.0	13	17.0	14	16.0	13	15.0	12	14.0	12	13.0	10
1960	31.0	17	26.0	15	20.0	15	18.0	15	18.0	13	17.0	10	16.0	10	16.0	10	13.0	11
1961	110.0	4	58.0	4	50.0	4	38.0	4	32.0	4	29.0	4	29.0	3	28.0	3	22.0	3
1962	73.0	6	41.0	8	30.0	10	27.0	9	22.0	10	16.0	14	14.0	14	13.0	14	11.0	14
1963	34.0	15	18.0	17	17.0	17	14.0	16	12.0	16	11.0	16	9.9	16	9.2	16	8.4	17
1964	77.0	5	33.0	13	26.0	13	20.0	14	16.0	15	12.0	15	12.0	15	11.0	15	9.8	15
1965	233.0	1	184.0	1	142.0	1	95.0	2	65.0	2	52.0	2	53.0	2	45.0	2	35.0	2

07103700 FOUNTAIN CREEK NEAR COLORADO SPRINGS, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FOUNTAIN CREEK NEAR COLORADO SPRINGS, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1966	68.0	7	46.0	6	40.0	6	30.0	8	29.0	5	24.0	5	20.0	6	18.0	6	15.0	6
1967	64.0	8	55.0	5	42.0	5	32.0	5	22.0	11	17.0	11	18.0	7	16.0	7	14.0	7
1968	42.0	12	40.0	10	38.0	7	32.0	6	25.0	6	18.0	9	15.0	13	14.0	13	13.0	12
1969	128.0	3	89.0	3	71.0	3	52.0	3	36.0	3	31.0	3	28.0	4	25.0	4	20.0	4
1970	44.0	11	35.0	11	31.0	9	26.0	10	24.0	7	21.0	6	21.0	5	20.0	5	17.0	5
1971	37.0	14	34.0	12	28.0	11	25.0	11	20.0	12	16.0	12	16.0	11	16.0	8	14.0	8
1972	39.0	13	26.0	14	18.0	16	13.0	17	11.0	17	9.3	17	8.9	17	8.9	17	8.4	16
1973	131.0	2	123.0	2	118.0	2	109.0	1	100.0	1	83.0	1	70.0	1	59.0	1	43.0	1
1974	33.0	16	25.0	16	25.0	14	24.0	12	23.0	8	21.0	7	18.0	8	16.0	9	14.0	9
1975	51.0	10	41.0	9	37.0	8	32.0	7	23.0	9	20.0	8	17.0	9	15.0	11	12.0	13

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FOUNTAIN CREEK NEAR COLORADO SPRINGS, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1959	3.00	9	4.70	12	7.00	16	7.30	16	8.00	15	8.50	15	9.00	15	9.20	15	9.60	13
1960	4.00	12	4.80	13	5.30	11	5.70	12	5.90	11	6.40	11	6.60	11	7.00	11	8.00	10
1961	2.90	7	4.20	9	4.60	9	4.70	8	4.80	6	5.30	8	5.50	8	5.80	7	6.40	7
1962	5.10	15	5.40	15	6.10	14	6.90	13	7.60	14	8.10	14	8.70	14	8.60	14	11.00	14
1963	2.90	8	3.00	4	4.00	6	4.50	7	4.80	7	5.10	6	5.60	9	6.10	9	6.20	5
1964	2.40	3	3.80	7	4.00	7	4.20	5	4.70	4	4.90	3	5.00	1	5.20	1	5.50	1
1965	2.30	2	2.80	1	3.00	1	3.80	3	4.40	2	4.80	1	5.10	2	5.30	2	5.50	2
1966	6.90	17	8.00	17	8.20	17	8.70	17	9.50	17	11.00	17	11.00	17	12.00	17	13.00	16
1967	3.60	11	4.10	8	4.30	8	4.90	10	5.20	9	5.30	9	5.40	5	5.70	6	6.50	8
1968	4.30	13	4.40	11	5.40	12	5.60	11	6.90	12	7.50	12	7.80	12	7.90	12	8.30	12
1969	2.00	1	3.50	6	3.90	5	4.20	6	4.70	5	5.20	7	5.40	6	5.60	5	6.40	6
1970	5.10	16	6.40	16	6.60	15	6.90	14	7.20	13	8.00	13	8.00	13	8.20	13	11.00	15
1971	2.70	5	2.90	2	3.20	3	3.60	2	5.30	10	6.10	10	6.50	10	6.90	10	8.00	11
1972	2.60	4	3.40	5	3.80	4	4.10	4	4.30	1	4.90	2	5.40	7	5.90	8	6.90	9
1973	2.90	6	3.00	3	3.10	2	3.40	1	4.50	3	5.00	4	5.20	4	5.40	3	5.60	3
1974	4.80	14	5.20	14	6.00	13	7.10	15	8.60	16	9.50	16	10.00	16	11.00	16	14.00	17
1975	3.40	10	4.30	10	4.70	10	4.80	9	4.90	8	5.00	5	5.10	3	5.40	4	5.60	4

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
10.8	9.01	7.64	7.07	6.61	7.85	10.8	18.7	21.1	17.0	17.4	12.2
31.9	12.7	7.33	4.21	3.26	5.39	9.85	361	326	110	178	51.3
5.65	3.56	2.71	2.05	1.81	2.32	3.14	19.0	18.1	10.5	13.3	7.16
1.18	1.43	1.34	1.33	0.56	0.76	0.27	3.38	2.37	1.45	2.32	2.07
0.52	0.39	0.35	0.29	0.27	0.30	0.29	1.02	0.85	0.62	0.77	0.59
7.38	6.17	5.23	4.84	4.52	5.37	7.38	12.8	14.4	11.6	11.9	8.34

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.98	0.93	0.86	0.83	0.81	0.88	1.02	1.17	1.23	1.16	1.15	1.04
0.04	0.02	0.02	0.01	0.01	0.02	0.02	0.07	0.07	0.06	0.08	0.04
0.20	0.15	0.14	0.11	0.12	0.12	0.13	0.26	0.27	0.24	0.28	0.20
0.68	0.60	0.80	0.91	0.30	0.30	-0.23	1.73	1.19	0.42	0.50	1.33
0.21	0.17	0.16	0.14	0.14	0.14	0.13	0.23	0.22	0.21	0.24	0.19
8.17	7.69	7.14	6.92	6.68	7.28	8.42	9.69	10.2	9.65	9.55	8.60

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
12.2	19.8	4.45	1.60	0.36	-0.182

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.06	0.02	0.14	0.72	0.13	-0.145

07103800 WEST MONUMENT CREEK AT U.S. AIR FORCE ACADEMY, COLO.

LOCATION.--Lat 38°58'14", long 104°54'08", in SW¼SW¼ sec.28, T.12 S., R.67 W., El Paso County, on left bank 500 ft (150 m) upstream from diversion to city of Colorado Springs water treatment plant, 2.7 mi (4.3 km) south of U.S. Air Force Academy chapel, and 4.4 mi (7.1 km) upstream from mouth.

DRAINAGE AREA.--14.9 mi^2 (38.6 km^2).

REMARKS.--Natural flow of stream affected by transmountain diversions from Colorado River Basin, storage reservoirs, and operation of a water-supply system.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WEST MONUMENT CREEK AT AIR FORCE ACADEMY, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1971									2	10	8	4	3	2	2	1	2	4	1		1	5	3	13	68	65	29	25	40	35	38	4			
1972									12	45	43	34	30	21	37	27	10	7	3	2	4	3	11	32	17	1	26	1							
1973							7	4	40	60	16	11	14	18	21	36	20	28	9	12	17	8	4	10	3	4	3	2	4	5	9				
1974			1						4	25	35	32	41	31	70	47	28	30	14	1	1	2	1	1	1										
1975				1	8	8	16	4	37	31	35	46	51	38	44	23	5	9	3	2	3	1													

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1826	100.0	12	0.5	139	1247	68.3	24	7	89	380	20.8
1	0.01	0	1826	100.0	13	0.6	110	1108	60.7	25	8	70	291	15.9
2	0.02	1	1826	100.0	14	0.7	174	998	54.7	26	11	58	221	12.1
3	0.03	1	1825	99.9	15	0.9	134	824	45.1	27	14	28	163	8.9
4	0.04	8	1824	99.9	16	1.2	65	690	37.8	28	17	44	135	7.3
5	0.06	8	1816	99.5	17	1.4	78	625	34.2	29	22	40	91	4.9
6	0.07	23	1808	99.0	18	1.8	30	547	30.0	30	27	47	51	2.7
7	0.09	8	1785	97.8	19	2.3	17	517	28.3	31	34	4	4	.2
8	0.10	95	1777	97.3	20	2.8	26	500	27.4	32				
9	0.20	171	1682	92.1	21	3.6	19	474	26.0	33				
10	0.30	137	1511	82.7	22	4.5	19	455	24.9	34				
11	0.40	127	1374	75.2	23	5.6	56	436	23.9					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WEST MONUMENT CREEK AT AIR FORCE ACADEMY, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1971	35.0	1	34.0	1	33.0	1	32.0	1	30.0	1	27.0	1	25.0	1	24.0	1	20.0	1
1972	14.0	3	13.0	3	13.0	3	13.0	3	12.0	3	9.1	3	8.0	3	6.3	3	4.3	3
1973	32.0	2	32.0	2	29.0	2	27.0	2	20.0	2	12.0	2	8.6	2	6.8	2	4.7	2
1974	8.1	4	6.1	4	3.7	4	3.0	4	2.4	4	1.8	4	1.5	4	1.4	4	1.1	4
1975	3.8	5	3.1	5	2.6	5	2.0	5	1.4	5	1.0	5	0.9	5	0.9	5	0.7	5

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WEST MONUMENT CREEK AT AIR FORCE ACADEMY, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1972	0.12	4	0.22	4	0.23	4	0.23	3	0.26	3	0.30	3	0.46	4	1.80	4	4.30	4
1973	0.07	3	0.08	1	0.09	1	0.09	1	0.14	1	0.17	1	0.21	1	0.22	1	0.59	2
1974	0.02	1	0.14	3	0.22	3	0.30	4	0.35	4	0.41	4	0.42	3	0.44	3	0.60	3
1975	0.06	2	0.12	2	0.13	2	0.16	2	0.18	2	0.25	2	0.30	2	0.40	2	0.50	1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
5.10	3.35	3.16	2.09	0.98	0.84	3.47	7.91	6.98	5.32	5.05	3.57
31.0	11.7	14.8	14.0	2.19	0.83	25.3	89.4	138	98.8	94.0	41.9
5.56	3.42	3.85	3.75	1.48	0.91	5.03	9.46	11.7	9.94	9.70	6.47
0.61	0.70	0.88	2.21	2.22	2.13	2.15	0.61	2.18	2.23	2.23	2.22
1.09	1.02	1.22	1.80	1.51	1.09	1.45	1.20	1.68	1.87	1.92	1.81
10.7	7.00	6.61	4.36	2.05	1.76	7.27	16.5	14.6	11.1	10.5	7.47

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.41	0.30	0.10	-0.17	-0.29	-0.23	0.24	0.48	0.41	0.20	0.08	-0.03
0.36	0.25	0.51	0.45	0.24	0.14	0.29	0.53	0.41	0.46	0.61	0.67
0.60	0.50	0.72	0.67	0.49	0.37	0.53	0.73	0.64	0.68	0.78	0.82
0.35	0.60	0.28	1.52	1.91	1.47	1.18	0.39	1.39	1.82	1.20	0.33
1.45	1.65	7.18	-3.89	-1.67	-1.64	2.21	1.50	1.54	3.43	9.96	-30.6
27.3	20.0	6.61	-11.4	-19.5	-15.0	16.0	32.1	27.3	13.1	5.20	-1.77

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
4.01	28.5	5.34	2.06	1.33	0.588

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.33	0.29	0.54	0.69	1.64	0.743

07103900 WEST MONUMENT CREEK NEAR PIKEVIEW, COLO.

LOCATION.--Lat 38°58'17", long 104°53'56", in SE¼SW¼ sec.28, T.12 S., R.67 W., El Paso County, on right bank in Air Force Academy Reservation, 4.3 mi (6.9 km) upstream from mouth and 11.5 mi (18.5 km) northwest of Pikeview.

DRAINAGE AREA.--15.4 mi^2 (39.9 km^2).

REMARKS.--Natural flow of stream affected by storage reservoirs (combined capacity, 1,520 acre-ft or 1.87 hm^3), and diversion for municipal use.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WEST MONUMENT CREEK NEAR PIKEVIEW, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1958	191								4	4	14	11	16	26	13	9	13	6	6	11	5	8	3	3	2	8	11	1							
1959	247								32	15	5	5	8	5	16	8	12	7	4	1															
1960	216								12	8	12	9	20	16	8	11	17	15	5	10	4	3													
1961	253								19	10	6	2	5	6	17	11	11	7	7	6	4	1													
1962	164								26	31	29	18	19	22	16	15	15	4	4	2															
1963	237								37	15	13	8	24	15	5	4	3	2	2																
1964	213								46	23	18	12	17	18	8	2	2		4	3															
1965	178								7	3	7	4	6	15	22	14	45	20	18	3	10	2	1	2	1	1	1	2		1			2		
1966	143								36	31	35	35	35	21	14	6	1	4	2	2															
1967	66			6		8		11	33	28	20	30	62	24	23	12	15	9	9	3	5	1													
1968	79					1			18	28	11	3	38	41	50	24	45	16	7	5															
1969	33		1	2		3	2	5	9	17	21	13	59	51	31	26	23	8	21	13	10	6	5	5	1										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	2020	4383	100.0	12	0.5	309	1491	34.0	24	12	4	31	.7
1	0.01	0	2363	53.9	13	0.7	260	1182	27.0	25	15	9	27	.6
2	0.02	1	2363	53.9	14	0.9	223	922	21.0	26	19	12	18	.4
3	0.03	8	2362	53.9	15	1.2	142	699	15.9	27	25	3	6	.1
4	0.04	0	2354	53.7	16	1.5	202	557	12.7	28	32		3	
5	0.05	12	2354	53.7	17	2.0	98	355	8.1	29	42	1	3	
6	0.07	2	2342	53.4	18	2.5	89	257	5.9	30	54		2	
7	0.09	16	2340	53.4	19	3.3	59	168	3.8	31	70		2	
8	0.10	279	2324	53.0	20	4.2	38	109	2.5	32	90	2	2	
9	0.20	213	2045	46.7	21	5.4	21	71	1.6	33				
10	0.30	191	1832	41.8	22	7.0	9	50	1.1	34				
11	0.40	150	1641	37.4	23	9.1	10	41	0.9					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WEST MONUMENT CREEK NEAR PIKEVIEW, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1958	25.0	2	24.0	2	22.0	2	20.0	2	15.0	2	9.6	1	6.9	1	5.2	2	3.4	2
1959	3.4	11	2.3	11	2.1	8	1.6	9	1.2	9	1.1	9	0.9	9	0.7	9	0.5	9
1960	6.7	4	6.2	4	5.4	4	4.1	4	3.3	4	2.5	4	1.7	4	1.3	5	1.0	6
1961	6.0	5	5.3	5	3.9	6	2.6	6	2.0	6	1.7	7	1.2	7	1.1	7	0.8	7
1962	3.7	9	2.7	8	1.8	9	1.7	8	1.5	8	1.2	8	1.0	8	0.8	8	0.6	8
1963	3.2	12	2.1	12	1.2	12	0.9	12	0.6	12	0.5	12	0.4	12	0.3	12	0.3	12
1964	3.6	10	2.6	10	1.6	10	1.1	10	0.8	11	0.7	10	0.6	10	0.5	11	0.3	11
1965	130.0	1	90.0	1	51.0	1	28.0	1	16.0	1	9.0	2	6.6	2	5.3	1	3.8	1
1966	4.0	8	2.7	9	1.4	11	1.1	11	0.8	10	0.6	11	0.6	11	0.5	10	0.5	10
1967	5.4	6	4.9	6	4.5	5	3.5	5	2.4	5	1.8	5	1.5	6	1.3	6	1.0	5
1968	4.1	7	3.2	7	3.0	7	2.2	7	1.8	7	1.8	6	1.6	5	1.4	4	1.4	4
1969	12.0	3	11.0	3	10.0	3	7.1	3	4.4	3	3.1	3	3.0	3	2.6	3	2.2	3

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WEST MONUMENT CREEK NEAR PIKEVIEW, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1959	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.01	8	0.01	6	0.02	1
1960	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	1	0.00	1	0.14	7
1961	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	2	0.00	2	0.06	3
1962	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.01	9	0.05	9	0.12	6
1963	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	3	0.00	3	0.06	4
1964	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	4	0.01	7	0.08	5
1965	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	5	0.00	4	0.03	2
1966	0.00	8	0.00	8	0.00	8	0.00	8	0.00	8	0.00	8	0.00	6	0.01	5	0.15	8
1967	0.00	9	0.00	9	0.00	9	0.00	9	0.04	11	0.05	11	0.06	11	0.07	10	0.28	10
1968	0.00	10	0.00	10	0.00	10	0.00	10	0.00	9	0.00	9	0.02	10	0.07	11	0.24	9
1969	0.00	11	0.00	11	0.00	11	0.00	11	0.06	12	0.26	12	0.35	12	0.42	12	0.57	12
1970	0.00	12	0.00	12	0.00	12	0.00	12	0.00	10	0.00	10	0.00	7	0.02	8	0.31	11

07103900 WEST MONUMENT CREEK NEAR PIKEVIEW, COLO.--Continued

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.41	0.22	0.07	0.06	0.13	0.26	0.89	2.23	2.34	0.90	0.74	0.68
0.09	0.06	0.02	0.02	0.06	0.13	0.55	13.8	18.9	0.94	0.42	0.46
0.30	0.25	0.15	0.15	0.24	0.36	0.74	3.72	4.34	0.97	0.65	0.68
0.68	1.28	3.07	3.29	2.40	1.29	1.95	2.99	2.96	1.05	0.72	0.98
0.74	1.16	2.05	2.62	1.87	1.38	0.84	1.67	1.86	1.08	0.88	1.00
4.60	2.44	0.84	0.64	1.42	2.91	9.93	25.0	26.2	10.1	8.35	7.58

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
-0.40	-0.89	-0.70	-0.75	-0.67	-0.79	-0.16	-0.06	-0.07	-0.32	-0.21	-0.50
0.10	0.53	0.55	0.89	0.75	0.61	0.09	0.52	0.42	0.29	0.13	0.46
0.32	0.73	0.74	0.94	0.86	0.78	0.31	0.72	0.65	0.54	0.36	0.68
-0.33	-0.81	-0.46	-0.79	-1.15	-0.59	0.58	-1.23	-0.15	0.03	-0.03	-0.83
-0.79	-0.81	-1.06	-1.26	-1.29	-0.99	-1.91	-13.0	-9.09	-1.69	-1.73	-1.37
7.33	16.2	12.7	13.6	12.1	14.2	2.91	1.00	1.30	5.82	3.80	8.98

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.74	0.40	0.63	1.15	0.85	-0.257

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
-0.26	0.13	0.36	0.35	-1.35	-0.169

07104000 MONUMENT CREEK AT PIKEVIEW, COLO.

LOCATION.--Lat 38°55'04", long 104°49'04", in NW¼SE¼ sec.18, T.13 S., R.66 W., El Paso County, at Pikeview, 0.9 mi (1.4 km) downstream from Cottonwood Creek.

DRAINAGE AREA.--203 mi² (526 km²).

REMARKS.--Diversions above station for irrigation. Flow regulated by several small reservoirs (total capacity, about 2,700 acre-ft or 3.33 hm³).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MONUMENT CR. AT PIKEVIEW

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1939	1	3	2	4	5	3	2	6	9	22	9	20	30	17	39	32	34	40	5	22	23	8	25	3		1									
1940					2	2	5	18	20	19	16	28	67	19	27	15	22	29	18	30	15	10	4												
1941											4	16	26	40	35	43	37	53	30	10	22	28	10	2	5	3	1								
1942												2	1	1	7	23	38	67	53	39	18	27	19	10	6	6	8	11	17	9	3				
1943								1	13	14	16	16	17	26	31	34	59	54	40	28	10	4	2												
1944							1	1	7	19	16	35	35	37	34	40	22	17	16	7	10	8	19	8	8	12	4	4	6						
1945											14	12	12	32	65	41	53	52	36	22	6	2	5	4	3	2	4								
1946						2	1	1	2		8	24	25	32	75	62	63	32	21	8	6	2			1										
1947													10	20	24	30	21	52	46	36	14	9	20	38	21	3	3	4	2	7	2	1	2		
1948											11	12	19	16	30	41	29	56	29	39	35	19	14	3	5	5	3								
1949										3	8	34	38	48	56	40	21	38	26	17	6	11	7	11	1										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1	4018	100.0	12	3.6	280	3529	87.8	24	100	50	173	4.3
1	0.10	3	4017	100.0	13	4.8	288	3249	80.9	25	130	32	123	3.0
2	0.20	2	4014	99.9	14	6.3	423	2961	73.7	26	170	23	91	2.2
3	0.30	4	4012	99.9	15	8.3	401	2538	63.2	27	230	19	68	1.6
4	0.40	7	4008	99.8	16	11.0	399	2137	53.2	28	300	25	49	1.2
5	0.50	7	4001	99.6	17	14.0	490	1738	43.3	29	400	16	24	.5
6	0.70	9	3994	99.4	18	19.0	320	1248	31.1	30	520	5	8	.1
7	0.90	27	3985	99.2	19	25.0	258	928	23.1	31	690	1	3	
8	1.20	51	3958	98.5	20	33.0	165	670	16.7	32	910	2	2	
9	1.60	77	3907	97.2	21	44.0	128	505	12.6	33				
10	2.10	102	3830	95.3	22	57.0	125	377	9.4	34				
11	2.70	199	3728	92.8	23	76.0	79	252	6.3					

07104000 MONUMENT CREEK AT PIKEVIEW, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MONUMENT CR. AT PIKEVIEW

YEAR	1		3		7		15		30		60		90		120		183	
1939	146.0	7	93.0	8	76.0	8	69.0	8	66.0	7	53.0	5	44.0	5	36.0	6	27.0	6
1940	68.0	11	60.0	10	52.0	9	46.0	9	39.0	9	33.0	9	29.0	9	26.0	9	19.0	9
1941	172.0	6	147.0	6	135.0	5	101.0	5	73.0	6	52.0	6	41.0	6	40.0	5	33.0	5
1942	689.0	2	641.0	2	527.0	2	461.0	2	414.0	1	297.0	1	223.0	1	177.0	1	123.0	1
1943	74.0	10	56.0	11	47.0	10	32.0	10	25.0	10	22.0	10	18.0	10	19.0	10	16.0	10
1944	360.0	3	350.0	3	332.0	3	270.0	3	201.0	3	139.0	3	103.0	3	82.0	3	57.0	3
1945	212.0	4	186.0	4	139.0	4	91.0	6	86.0	4	50.0	7	36.0	8	30.0	8	25.0	7
1946	114.0	8	66.0	9	43.0	11	32.0	11	23.0	11	16.0	11	14.0	11	12.0	11	11.0	11
1947	1140.0	1	899.0	1	646.0	1	550.0	1	358.0	2	227.0	2	178.0	2	147.0	2	105.0	2
1948	185.0	5	150.0	5	131.0	6	107.0	4	78.0	5	56.0	4	49.0	4	42.0	4	33.0	4
1949	100.0	9	93.0	7	86.0	7	77.0	7	60.0	8	47.0	8	38.0	7	32.0	7	24.0	8

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MONUMENT CR. AT PIKEVIEW

YEAR	1		3		7		14		30		60		90		120		183	
1940	0.00	1	0.10	1	0.21	1	0.78	1	1.40	2	1.60	1	2.20	1	2.30	1	3.20	1
1941	0.40	2	0.47	2	0.83	2	1.10	2	1.10	1	1.80	2	4.30	5	5.00	5	5.90	4
1942	3.00	9	3.40	9	5.60	9	6.70	9	10.00	10	13.00	9	14.00	9	15.00	9	21.00	9
1943	1.80	6	2.60	7	3.90	8	4.00	8	6.40	8	8.90	8	12.00	8	12.00	8	15.00	8
1944	1.10	5	1.20	5	1.30	4	1.50	4	1.80	3	2.40	3	3.10	3	4.50	4	5.50	2
1945	0.80	4	1.10	4	1.30	5	1.40	3	2.40	4	2.70	4	2.90	2	4.10	2	6.70	5
1946	2.50	8	2.80	8	3.00	7	3.20	7	5.20	7	6.30	7	7.30	7	7.90	7	11.00	7
1947	0.60	3	0.87	3	1.10	3	2.50	5	3.80	6	4.30	6	6.20	6	7.50	6	9.40	6
1948	4.40	10	5.10	10	5.70	10	7.60	10	8.90	9	15.00	10	15.00	10	17.00	10	22.00	10
1949	2.30	7	2.40	6	2.60	6	2.70	6	2.90	5	3.40	5	3.70	4	4.40	3	5.70	3

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
14.0	14.0	10.7	10.2	11.2	15.7	52.0	103	37.4	21.0	19.5	8.70
201	75.0	12.3	22.1	21.1	86.4	4993	14320	1200	523	564	39.9
14.2	8.66	3.51	4.70	4.60	9.30	70.7	120	34.6	22.9	23.7	6.32
1.37	0.74	0.44	0.80	0.19	0.99	3.00	1.38	1.11	1.94	1.94	0.27
1.01	0.62	0.33	0.46	0.41	0.59	1.36	1.17	0.93	1.09	1.22	0.73
4.41	4.42	3.37	3.23	3.54	4.96	16.4	32.4	11.8	6.63	6.14	2.74

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.94	1.07	1.01	0.97	1.01	1.13	1.52	1.75	1.39	1.10	0.99	0.80
0.20	0.08	0.02	0.04	0.04	0.06	0.14	0.24	0.19	0.23	0.32	0.15
0.45	0.27	0.15	0.20	0.20	0.24	0.38	0.49	0.43	0.48	0.56	0.39
0.24	0.14	-0.30	0.15	-0.70	0.43	1.33	0.50	0.11	-0.01	0.04	-0.24
0.47	0.26	0.15	0.20	0.20	0.22	0.25	0.28	0.31	0.44	0.57	0.49
6.89	7.81	7.36	7.09	7.39	8.27	11.1	12.8	10.2	8.03	7.24	5.85

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
26.5	418	20.5	1.66	0.77	-0.292

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.33	0.08	0.28	0.98	0.21	-0.310

07105800 FOUNTAIN CREEK AT SECURITY, COLO.

LOCATION.--Lat 38°43'46", long 104°44'00", in SW¼ sec.24, T.15 S., R.66 W., El Paso County, on right bank 980 ft (300 m) downstream from Carson Road bridge, 1.0 mi (1.6 km) southwest of South Security School, 3.5 mi (5.6 km) northeast of Fountain, and 5.0 mi (8.0 km) upstream from Jimmy Camp Creek.

DRAINAGE AREA.--488 mi² (1,264 km²).

REMARKS.--Natural flow of stream affected by storage reservoirs, power developments, diversions for irrigation of about 5,100 acres (20.6 km²), municipal use, and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FOUNTAIN CREEK AT SECURITY, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1965		1	1	1	2	2	2	6	12	30	27	25	32	45	31	23	14	18	22	14	7	11	9	5	7	4	3	4	3	1			1	1	1
1966							1	1	4	8	20	39	30	46	50	44	23	57	31	8	1	2													
1967								2	7	13	19	37	21	49	72	48	15	12	20	21	11	8	6	3	1										
1968							2	9	5	22	19	35	43	81	67	39	14	14	5	5	2	1	1	2											
1969										7	29	48	39	65	37	35	23	30	10	9	7	7	5	8	4	1		1							
1970													9	22	16	59	61	76	58	48	7	7	2												
1971										3	8	15	26	59	35	51	30	69	40	18	7		3	1											
1972			1	1		2	1	6	6	12	38	38	41	40	40	48	30	35	12	7		1	2	1	1			1			1		1		
1973											4	2	19	24	38	62	44	46	23	21	11	11	7	10	14	7	6	4	6	2	4				
1974										6	10	22	24	39	22	38	40	62	65	21	10	2	1	3											
1975											3	21	32	73	84	63	39	21	8	6	3	6		1	2	1	1			1					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4017	100.0	12	20.0	316	3382	84.2	24	250	29	84	2.0
1	1.80	1	4017	100.0	13	24.0	543	3066	76.3	25	310	13	55	1.3
2	2.30	2	4016	100.0	14	30.0	492	2523	62.8	26	380	10	42	1.0
3	2.90	2	4014	99.9	15	37.0	510	2031	50.6	27	470	10	32	.7
4	3.60	2	4012	99.9	16	46.0	333	1521	37.9	28	580	9	22	.5
5	4.40	4	4010	99.8	17	56.0	440	1188	29.6	29	720	4	13	.3
6	5.50	6	4006	99.7	18	70.0	294	748	18.6	30	890	5	9	.2
7	6.80	24	4000	99.6	19	86.0	178	454	11.3	31	1100		4	
8	8.40	34	3976	99.0	20	110.0	66	276	6.9	32	1400	2	4	
9	10.00	101	3942	98.1	21	130.0	56	210	5.2	33	1700	1	2	
10	13.00	177	3841	95.6	22	160.0	36	154	3.8	34	2100	1	1	
11	16.00	282	3664	91.2	23	200.0	34	118	2.9					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FOUNTAIN CREEK AT SECURITY, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1965	5650.0	1	2710.0	1	1500.0	1	877.0	1	504.0	2	373.0	2	282.0	2	230.0	2	167.0	2
1966	144.0	11	117.0	11	93.0	11	69.0	11	67.0	11	66.0	10	57.0	10	49.0	10	45.0	10
1967	295.0	6	195.0	8	160.0	6	134.0	6	127.0	5	110.0	4	97.0	4	81.0	5	62.0	6
1968	249.0	7	138.0	10	101.0	10	95.0	10	77.0	10	59.0	11	46.0	11	42.0	11	40.0	11
1969	498.0	5	385.0	5	316.0	4	249.0	3	168.0	3	137.0	3	109.0	3	92.0	3	72.0	4
1970	176.0	10	152.0	9	134.0	8	110.0	9	100.0	8	91.0	7	90.0	5	84.0	4	76.0	3
1971	224.0	8	197.0	7	159.0	7	121.0	7	105.0	7	91.0	8	76.0	8	70.0	7	62.0	7
1972	1400.0	2	580.0	3	437.0	3	247.0	4	153.0	4	96.0	5	73.0	9	65.0	9	54.0	9
1973	1060.0	3	1010.0	2	755.0	2	722.0	2	527.0	1	387.0	1	297.0	1	247.0	1	183.0	1
1974	219.0	9	211.0	6	130.0	9	112.0	8	98.0	9	85.0	9	82.0	6	77.0	6	70.0	5
1975	788.0	4	442.0	4	269.0	5	177.0	5	116.0	6	93.0	6	79.0	7	68.0	8	57.0	8

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FOUNTAIN CREEK AT SECURITY, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1966	9.80	6	13.00	8	13.00	7	15.00	6	16.00	3	21.00	5	28.00	7	37.00	8	45.00	8
1967	6.60	3	8.40	3	10.00	4	13.00	3	16.00	4	22.00	6	24.00	4	29.00	4	31.00	4
1968	8.20	5	8.80	5	9.40	3	13.00	4	16.00	5	19.00	3	22.00	3	22.00	2	22.00	2
1969	6.30	2	7.00	2	7.20	1	8.50	1	11.00	1	14.00	2	17.00	1	18.00	1	20.00	1
1970	14.00	10	15.00	10	17.00	10	18.00	8	24.00	10	35.00	10	38.00	10	42.00	9	45.00	9
1971	10.00	7	11.00	6	14.00	8	18.00	9	19.00	7	26.00	7	27.00	6	35.00	7	40.00	7
1972	2.40	1	3.50	1	7.70	2	9.50	2	12.00	2	13.00	1	17.00	2	26.00	3	32.00	5
1973	8.00	4	8.70	4	13.00	5	18.00	10	22.00	8	27.00	8	33.00	8	33.00	6	35.00	6
1974	11.00	8	13.00	9	15.00	9	17.00	7	22.00	9	28.00	9	35.00	9	42.00	10	48.00	10
1975	11.00	9	12.00	7	13.00	6	15.00	5	18.00	6	20.00	4	26.00	5	30.00	5	28.00	3

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
38.2	31.4	28.5	36.2	41.7	45.2	50.5	97.4	143	70.1	54.6	42.1
313	127	115	316	341	379	818	12220	21220	2216	1221	439
17.7	11.3	10.7	17.8	18.5	19.5	28.6	111	146	47.1	34.9	21.0
0.44	0.07	1.50	0.39	0.22	0.52	1.04	2.66	1.79	2.19	2.30	0.24
0.46	0.36	0.38	0.49	0.44	0.43	0.57	1.14	1.02	0.67	0.64	0.50
5.63	4.62	4.19	5.33	6.14	6.65	7.44	14.3	21.0	10.3	8.05	6.21

07105800 FOUNTAIN CREEK AT SECURITY, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.53	1.47	1.43	1.51	1.57	1.62	1.65	1.83	1.97	1.78	1.68	1.57
0.05	0.03	0.02	0.05	0.05	0.04	0.05	0.12	0.18	0.05	0.05	0.06
0.23	0.17	0.14	0.23	0.22	0.19	0.22	0.35	0.42	0.23	0.23	0.25
-0.72	-0.34	1.26	-0.14	-0.67	-0.05	0.77	1.16	0.04	0.98	0.76	-0.60
0.15	0.11	0.10	0.15	0.14	0.12	0.13	0.19	0.21	0.13	0.13	0.16
7.82	7.49	7.30	7.68	8.03	8.24	8.40	9.35	10.1	9.08	8.56	7.98

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
56.6	578	24.1	1.59	0.43	-0.156

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.72	0.03	0.16	1.01	0.09	-0.129

07106000 FOUNTAIN CREEK NEAR FOUNTAIN, COLO.

LOCATION.--Lat 38°36'08", long 104°40'13", in NE¼ sec.4, T.17 S., R.65 W., El Paso County, on right bank 250 ft (76 m) upstream from bridge on county road, 1.2 mi (1.9 km) upstream from Little Fountain Creek, and 5.2 mi (8.4 km) southeast of Fountain.

DRAINAGE AREA.--676 mi² (1,751 km²).

REMARKS.--Diversions above station for irrigation of about 18,000 acres (72.8 km²).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FOUNTAIN CREEK NEAR FOUNTAIN, CO.

CLASS / YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
													NUMBER OF DAYS IN CLASS																						
1939	2	5	15	14		8	9	3	3	7	17	13	5	15	18	20	32	55	24	33	32	13	14	7	1										
1940						1	2	4	4	13	25	15	19	52	57	35	18	53	42	12	6	2	1	1			1		1	1		1			
1941							5	1	4	10	20	10	20	17	34	46	41	17	34	17	19	14	11	9	16	8	5	4	1		2				
1942															1	1	5	31	50	37	43	33	28	19	25	26	28	8	9	14	5	2			
1943											1	1	2	5	16	43	26	34	44	43	85	28	26	7	2	2									
1944												8	7	12	18	39	47	43	52	27	18	21	9	13	8	17	9	6	8	2	2				
1945												1	4	13	21	61	71	105	41	8	5	2	4	1	5	6	6	5	2	1		3			
1946						1	1	3	5	7	7	15	17	35	27	33	36	71	54	21	16	3	4	2	1		3	2	1						
1947									1	5		2	3	6	16	31	45	51	43	28	29	10	18	10	13	17	8	6	7	2	10	3	1		
1948														3	14	31	11	21	24	25	60	63	60	33	11	5	1	1	2			1			
1949														5	10	58	57	91	59	36	19	7	6	3	5	3	2	2	2						
1950													11	55	60	84	56	58	29	5	1	1	1	1		2	1								
1951								6	10	5	10	23	36	60	76	50	44	23	6	5	4		1	1		3	1		1						
1952									5	12	26	52	36	60	60	34	31	23	8	8	4	2	1	1	1	1		1							
1953								1	24	34	31	43	58	61	34	21	31	18	3	1	1		1	1		1	1								
1954				3		47		11		30	37	61	42	65	61		1	3			1				1	1						1			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	2	5844	100.0	12	4.8	260	5105	87.4	24	170	89	367	6.2
1	0.10	5	5842	100.0	13	6.5	464	4845	82.9	25	230	92	278	4.7
2	0.20	15	5837	99.9	14	8.8	523	4381	75.0	26	310	66	186	3.1
3	0.30	17	5822	99.6	15	12.0	587	3858	66.0	27	420	35	120	2.0
4	0.40	0	5805	99.3	16	16.0	552	3271	56.0	28	570	34	85	1.4
5	0.60	57	5805	99.3	17	21.0	697	2719	46.5	29	770	20	51	.8
6	0.80	17	5748	98.4	18	29.0	513	2022	34.6	30	1000	19	31	.5
7	1.10	29	5731	98.1	19	39.0	306	1509	25.8	31	1400	11	12	.2
8	1.50	56	5702	97.6	20	52.0	343	1203	20.6	32	1900	1	1	
9	2.00	123	5646	96.6	21	71.0	199	860	14.7	33				
10	2.70	174	5523	94.5	22	95.0	185	661	11.3	34				
11	3.60	244	5349	91.5	23	130.0	109	476	8.1					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FOUNTAIN CREEK NEAR FOUNTAIN, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1939	176.0	16	152.0	14	137.0	11	116.0	10	93.0	11	78.0	9	67.0	9	57.0	9	48.0	9
1940	1620.0	3	864.0	6	413.0	7	210.0	8	112.0	8	72.0	10	62.0	10	51.0	10	40.0	10
1941	1300.0	7	1030.0	4	686.0	5	446.0	5	321.0	5	234.0	5	171.0	5	145.0	5	105.0	5
1942	1520.0	5	1440.0	2	1230.0	2	1060.0	2	912.0	1	637.0	1	521.0	1	423.0	1	310.0	1
1943	291.0	15	153.0	13	129.0	12	113.0	11	112.0	9	91.0	8	81.0	8	77.0	7	68.0	7
1944	1190.0	8	1030.0	5	727.0	4	524.0	4	490.0	3	347.0	3	266.0	3	221.0	3	156.0	3
1945	1880.0	2	1310.0	3	795.0	3	632.0	3	489.0	4	281.0	4	193.0	4	150.0	4	105.0	4

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FOUNTAIN CREEK NEAR FOUNTAIN, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1946	733.0	9	472.0	10	291.0	9	164.0	9	100.0	10	63.0	11	44.0	11	40.0	11	33.0	11
1947	2660.0	1	1980.0	1	1550.0	1	1290.0	1	783.0	2	545.0	2	447.0	2	356.0	2	247.0	2
1948	1420.0	6	552.0	8	299.0	8	275.0	7	180.0	6	131.0	6	129.0	6	120.0	6	104.0	6
1949	624.0	10	557.0	7	443.0	6	305.0	6	172.0	7	109.0	7	83.0	7	69.0	8	52.0	8
1950	361.0	13	141.0	15	82.0	15	46.0	15	34.0	15	28.0	15	27.0	13	24.0	13	20.0	14
1951	598.0	11	223.0	12	104.0	14	68.0	13	51.0	13	40.0	12	32.0	12	30.0	12	23.0	12
1952	432.0	12	249.0	11	111.0	13	59.0	14	44.0	14	30.0	14	24.0	15	23.0	14	20.0	13
1953	327.0	14	119.0	16	54.0	16	28.0	16	28.0	16	19.0	16	15.0	16	14.0	16	13.0	16
1954	1580.0	4	530.0	9	231.0	10	111.0	12	59.0	12	34.0	13	26.0	14	21.0	15	16.0	15

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FOUNTAIN CREEK NEAR FOUNTAIN, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1940	0.00	1	0.17	1	0.27	1	0.76	1	1.30	1	2.20	1	3.00	1	4.60	1	5.50	1
1941	0.70	3	1.00	2	1.30	3	2.20	4	4.00	5	5.70	4	8.40	5	8.20	4	11.00	5
1942	2.50	8	3.50	8	5.20	10	6.80	8	32.00	14	41.00	13	44.00	13	50.00	13	67.00	14
1943	11.00	15	15.00	15	22.00	15	34.00	15	37.00	15	50.00	14	60.00	14	60.00	14	65.00	13
1944	3.20	9	3.90	9	4.70	7	7.10	9	8.70	8	11.00	7	14.00	7	20.00	9	23.00	10
1945	4.00	11	4.70	11	5.70	11	9.90	11	13.00	11	17.00	11	19.00	11	21.00	10	22.00	8
1946	2.00	7	3.00	7	5.10	9	7.60	10	11.00	9	18.00	12	19.00	12	27.00	12	28.00	11
1947	0.60	2	1.00	3	1.20	2	4.40	6	7.00	6	13.00	8	17.00	9	19.00	7	22.00	9
1948	5.10	12	7.50	12	13.00	14	16.00	14	23.00	13	50.00	15	68.00	15	76.00	15	75.00	15
1949	7.40	13	8.80	14	10.00	13	12.00	13	13.00	12	13.00	9	15.00	8	22.00	11	29.00	12
1950	7.80	14	8.10	13	9.60	12	11.00	12	12.00	10	17.00	10	18.00	10	19.00	8	20.00	7
1951	3.80	10	4.50	10	5.00	8	6.30	7	7.50	7	8.90	6	10.00	6	10.00	6	12.00	6
1952	1.10	4	1.10	4	1.70	5	1.90	3	3.60	4	5.90	5	7.90	4	8.80	5	8.40	3
1953	1.70	6	1.70	6	2.20	6	2.80	5	3.30	3	5.30	3	7.60	3	7.50	3	9.10	4
1954	1.20	5	1.60	5	1.60	4	1.80	2	1.90	2	2.60	2	4.50	2	6.10	2	6.70	2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
27.5	38.4	29.1	27.2	30.4	30.9	74.9	157	83.8	59.5	72.5	17.3
950	1617	472	337	459	885	20650	54530	10270	5678	12770	154
30.8	40.2	21.7	18.4	21.4	29.8	144	234	101	75.4	113	12.4
1.64	1.74	0.58	1.28	1.30	1.48	3.46	1.73	1.29	2.63	3.41	0.40
1.12	1.05	0.75	0.67	0.70	0.96	1.92	1.49	1.21	1.27	1.56	0.72
4.24	5.93	4.49	4.20	4.69	4.77	11.6	24.2	12.9	9.18	11.2	2.66

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.23	1.42	1.33	1.34	1.37	1.32	1.47	1.77	1.55	1.51	1.56	1.06
0.18	0.13	0.14	0.09	0.12	0.15	0.31	0.38	0.40	0.28	0.29	0.23
0.43	0.36	0.38	0.30	0.34	0.38	0.56	0.61	0.63	0.53	0.54	0.47
0.46	0.96	-0.15	-0.25	-0.46	0.54	0.85	0.70	0.23	-0.28	-0.18	-0.87
0.35	0.25	0.29	0.23	0.25	0.29	0.38	0.35	0.41	0.35	0.34	0.45
7.25	8.39	7.83	7.93	8.11	7.83	8.68	10.5	9.13	8.90	9.23	6.27

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
54.2	2482	49.8	1.67	0.92	0.199

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.58	0.15	0.38	0.20	0.24	0.602

07106500 FOUNTAIN CREEK AT PUEBLO, COLO.

LOCATION.--Lat 38°18'27", long 104°36'09", in NE¼SW¼ sec.18, T.20 S., R.64 W., Pueblo County, on left bank at downstream side of bridge on State Highway 47 at Pueblo and 4.0 mi (6.4 km) upstream from mouth.

DRAINAGE AREA.--920 mi² (2,383 km²).

REMARKS.--Natural flow of stream affected by storage reservoirs, power developments, transbasin and transmountain diversions for municipal use, diversions for irrigation of about 14,000 acres (56.7 km²) above station and municipal use and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FOUNTAIN CREEK AT PUEBLO, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1923	2												16		25	40	55	15	57	20	39	16	15	12	8	9	7	9	8	5	2	2	3		
1924													66		21	2	6		5	4	13	23	35	51	60	33	32	4	7	3	1				
1925													106		27	24	31	23	33	20	24	35	16	13	3	2	5	1	1	1					
1942																		1	4	4	14	30	79	78	39	29	20	20	11	12	22	2			
1943	24							3	7	7	32	26	13	13	10	6	6	9	4	10	22	25	41	37	56	13	1								
1944	7							2		2	10	9	17	19	14	11	8	16	11	22	52	60	17	13	9	20	16	16	15						
1945	8								2		22	6	11	18	12	25	31	22	19	29	63	34	25	7	5	4	11	5	2	1	3				
1946									9	9	20	10	19	29	32	22	10	23	18	29	32	41	41	9	3	1	2	1	1	2	2				
1947														2	14	23	21	18	20	10	35	33	51	35	18	23	18	9	16	6	11	2			
1948								9	7	4	9	9	16	7	7	5	7	6	2	8	16	15	40	87	77	22	8	1	1	1		1	1		
1949	9							2	1		27	13	12	28	17	23	13	23	31	45	38	39	30	4	7	2		1							
1950	3							2	16	8	41	23	22	34	24	18	24	32	20	21	22	29	19	4		1	1		1						
1951											9	23	78	41	38	25	38	33	23	15	15	16	3	2	1	4				1					
1952								1	8	4	22	53	52	27	36	43	45	41	27	1	2		1			1	1			1					
1953									1	2	14	84	61	52	48	64	29	4				1		2		2		1							
1954										15	13	61	74	142	49		6							1		1	1	1	1						
1955												63	104	86	60	18	6	1	3	2	5	4	1	2	2	2	1	1				2	2		
1956										1		36	86	45	23	41	44	72		5	8				1		1	1		2					
1957											8	23	42	35	47	28	2	17	4	11	11	12	6	15	17	27	14	18	14	12			1	1	
1958											11	3	8	10	9	23	19	13	8	4	13	25	38	95	41	12	17	7	6	2					
1959											44	19	12	22	16	23	23	30	5	21	6	33	55	35	10	11									
1960											29	57	8	8	5	13	7	9	9	31	36	42	61	42	8		1								
1961	6								1		8	6	10	16	9	33	17	24	17	28	60	47	23	25	19	5	5	4	2						
1962										4	5	17	48	32	18	14	11	7	8	17	60	54	40	21	8			1							
1963										1	71	14	16	16	22	51	26	14	6	25	36	36	12	4	3	4	1	1	3	3					
1964											8	36	49	10	23	37	36	30	15	11	47	37	23	2	1				1						
1972									1			2	1	3	21	36	31	27	19	30	40	42	39	37	16	7	4	3	5	1	1				
1973							1	11	1	7	4	3	2	3		4	5	7	18	15	23	22	38	61	53	44	9	8	9	8	7	1	1		
1974	41						1		1	1	7	5	7	10	22	7	9	6	5	6	13	58	56	51	56	3									
1975			3		2		1	2	2	3	12	48	7	8	8	12	39	27	22	11	29	39	30	31	18	4	1	2	3		1				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	100	10958	100.0	12	1.0	963	9618	87.8	24	93	539	1355	12.3
1	0.01	0	10858	99.1	13	1.4	716	8655	79.0	25	140	286	816	7.4
2	0.02	3	10858	99.1	14	2.0	657	7939	72.4	26	200	177	530	4.8
3	0.03	0	10855	99.1	15	3.0	671	7282	66.5	27	290	115	353	3.2
4	0.04	2	10855	99.1	16	4.4	605	6611	60.3	28	430	107	238	2.1
5	0.06	0	10853	99.0	17	6.4	550	6006	54.8	29	630	61	131	1.1
6	0.09	3	10853	99.0	18	9.4	413	5456	49.8	30	920	50	70	.6
7	0.10	32	10850	99.0	19	14.0	455	5043	46.0	31	1300	11	20	.1
8	0.20	57	10818	98.7	20	20.0	774	4588	41.9	32	2000	8	9	
9	0.30	68	10761	98.2	21	30.0	848	3814	34.8	33	2900	1	1	
10	0.40	426	10693	97.6	22	43.0	835	2966	27.1	34				
11	0.70	649	10267	93.7	23	63.0	776	2131	19.4					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FOUNTAIN CREEK AT PUEBLO, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1923	2420.0	3	1590.0	2	1240.0	2	693.0	5	436.0	5	315.0	5	259.0	5	230.0	5	158.0	5
1924	1010.0	12	701.0	11	592.0	9	450.0	8	291.0	8	228.0	7	178.0	7	150.0	7	119.0	8
1925	795.0	17	416.0	16	256.0	16	125.0	18	97.0	19	63.0	20	46.0	21	39.0	22	27.0	23
1942	1490.0	7	1380.0	5	1230.0	3	1120.0	1	994.0	1	686.0	1	528.0	1	427.0	1	320.0	1
1943	210.0	28	185.0	23	152.0	19	141.0	17	129.0	15	117.0	11	105.0	12	92.0	11	76.0	10
1944	614.0	19	614.0	13	548.0	11	455.0	7	409.0	6	297.0	6	220.0	6	183.0	6	131.0	6
1945	1290.0	9	863.0	9	543.0	12	390.0	9	287.0	9	187.0	9	127.0	9	97.0	10	70.0	12
1946	1060.0	10	737.0	10	603.0	8	333.0	10	189.0	10	101.0	16	69.0	18	53.0	19	36.0	21
1947	1650.0	6	1300.0	6	1180.0	5	1050.0	2	736.0	3	527.0	2	432.0	2	343.0	2	233.0	2
1948	2880.0	2	1140.0	7	552.0	10	308.0	12	177.0	11	138.0	10	124.0	10	117.0	9	105.0	9
1949	366.0	24	214.0	21	117.0	24	74.0	25	58.0	23	47.0	23	43.0	23	37.0	23	30.0	22
1950	454.0	23	177.0	24	82.0	28	48.0	28	44.0	27	39.0	24	32.0	25	27.0	25	19.0	25
1951	916.0	14	324.0	19	152.0	20	96.0	21	56.0	25	30.0	27	23.0	27	18.0	27	14.0	27
1952	807.0	16	292.0	20	131.0	22	63.0	26	35.0	28	20.0	29	16.0	29	14.0	28	11.0	28
1953	337.0	25	171.0	25	75.0	29	36.0	30	23.0	30	15.0	30	10.0	30	8.7	30	6.5	30
1954	490.0	22	167.0	26	74.0	30	40.0	29	26.0	29	21.0	28	17.0	28	14.0	29	9.3	29
1955	2360.0	4	1390.0	4	625.0	7	314.0	11	160.0	12	82.0	17	105.0	11	79.0	15	53.0	16
1956	720.0	18	383.0	17	169.0	18	83.0	23	76.0	21	39.0	25	27.0	26	21.0	26	16.0	26
1957	3160.0	1	2090.0	1	1350.0	1	1000.0	3	717.0	4	476.0	3	375.0	3	318.0	3	220.0	3
1958	1340.0	8	884.0	8	659.0	6	504.0	6	358.0	7	208.0	8	160.0	8	139.0	8	124.0	7
1959	174.0	30	166.0	27	149.0	21	123.0	19	113.0	16	82.0	18	75.0	16	70.0	16	55.0	15
1960	260.0	27	101.0	30	94.0	26	88.0	22	72.0	22	49.0	22	46.0	22	48.0	20	45.0	18

07106500 FOUNTAIN CREEK AT PUEBLO, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FOUNTAIN CREEK AT PUEBLO, CO.

YEAR	1	3	7	15	30	60	90	120	183
1961	589.0 20	329.0 18	205.0 17	169.0 16	112.0 17	111.0 13	99.0 13	87.0 12	59.0 13
1962	326.0 26	142.0 28	102.0 25	82.0 24	57.0 24	52.0 21	48.0 20	44.0 21	41.0 19
1963	857.0 15	678.0 12	364.0 13	201.0 14	142.0 13	105.0 14	72.0 17	54.0 18	36.0 20
1964	520.0 21	200.0 22	91.0 27	57.0 27	49.0 26	37.0 26	35.0 24	32.0 24	24.0 24
1972	1010.0 11	569.0 14	343.0 14	256.0 13	140.0 14	113.0 12	83.0 15	81.0 14	58.0 14
1973	2000.0 5	1520.0 3	1220.0 4	959.0 4	755.0 2	458.0 4	337.0 4	278.0 4	216.0 4
1974	187.0 29	135.0 29	123.0 23	113.0 20	109.0 18	103.0 15	88.0 14	85.0 13	71.0 11
1975	1000.0 13	488.0 15	261.0 15	175.0 15	94.0 20	82.0 19	63.0 19	55.0 17	50.0 17

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FOUNTAIN CREEK AT PUEBLO, CO.

YEAR	1	3	7	14	30	60	90	120	183
1923	1.00 27	1.00 27	1.00 24	1.10 25	1.80 23	5.00 23	5.10 20	7.00 17	10.00 16
1924	0.00 1	0.33 16	1.00 25	1.10 26	1.70 22	22.00 27	61.00 30	68.00 31	104.00 31
1925	1.00 28	1.00 28	1.00 26	1.00 24	1.00 19	2.50 17	3.60 17	4.40 15	7.80 13
1942	0.00 2	0.00 1	1.60 27	4.90 29	29.00 30	54.00 31	61.00 31	64.00 30	78.00 30
1943	3.10 31	3.50 31	12.00 31	29.00 31	37.00 31	53.00 30	53.00 27	63.00 28	75.00 29
1944	0.00 3	0.00 2	0.10 8	0.14 5	0.61 11	0.93 9	1.50 11	1.60 5	3.50 6
1945	0.00 4	0.00 3	0.01 5	0.38 11	1.90 24	3.20 19	6.60 22	11.00 20	19.00 19
1946	0.00 5	0.00 4	0.00 1	0.16 7	0.82 15	6.10 24	11.00 23	21.00 23	27.00 22
1947	0.20 14	0.20 13	0.24 12	0.31 10	1.20 20	2.30 16	2.10 12	5.70 16	33.00 23
1948	2.40 29	2.60 30	2.70 29	3.00 27	4.50 26	37.00 28	53.00 28	64.00 29	70.00 27
1949	0.10 12	0.10 10	0.13 9	0.15 6	0.50 5	1.00 11	3.10 16	11.00 21	22.00 20
1950	0.00 6	0.00 5	0.00 2	0.09 3	0.50 6	2.70 18	2.50 14	3.80 13	6.40 11
1951	0.00 7	0.00 6	0.09 6	0.14 4	0.28 2	0.60 1	0.81 2	4.30 14	7.30 12
1952	0.40 20	0.40 18	0.40 16	0.46 14	0.64 12	1.00 12	1.30 9	1.80 8	4.00 8
1953	0.10 13	0.17 12	0.20 11	0.26 8	0.48 3	0.74 5	1.20 8	1.70 6	2.50 5
1954	0.51 23	0.57 23	0.66 22	0.68 21	0.69 13	0.74 6	0.84 3	0.96 2	1.20 1
1955	0.30 16	0.30 14	0.30 13	0.30 9	0.90 17	0.90 7	0.90 4	0.95 1	1.30 2
1956	0.80 26	0.80 25	0.80 23	0.80 23	0.95 18	1.70 14	2.30 13	2.80 12	3.70 7
1957	0.30 17	0.50 21	0.56 19	0.61 19	0.75 14	0.94 10	1.00 6	1.50 4	1.70 3
1958	2.40 30	2.40 29	2.90 30	7.50 30	12.00 29	38.00 29	58.00 29	62.00 27	74.00 28
1959	0.51 24	0.50 22	0.57 20	0.76 22	3.20 25	3.80 22	4.80 19	7.10 18	9.30 14
1960	0.40 21	0.40 19	0.44 17	0.50 17	0.60 9	1.40 13	2.60 15	2.40 10	11.00 17
1961	0.51 22	0.50 20	0.50 18	0.50 18	0.61 10	0.70 4	0.78 1	2.00 9	4.80 9
1962	0.00 8	0.00 7	0.09 7	0.49 16	1.50 21	3.30 20	33.00 25	37.00 25	42.00 24
1963	0.30 18	0.30 15	0.36 14	0.48 15	0.53 7	0.69 2	1.00 7	1.70 7	4.90 10
1964	0.30 19	0.37 17	0.40 15	0.42 12	0.48 4	0.69 3	1.40 10	2.80 11	23.00 21
1965	0.60 25	0.60 24	0.60 21	0.66 20	0.84 16	0.93 8	0.98 5	1.30 3	1.90 4
1972	0.00 9	0.00 8	0.00 3	0.00 1	0.17 1	2.30 15	4.30 18	12.00 22	17.00 18
1973	0.26 15	1.00 26	1.90 28	3.80 28	4.90 27	12.00 25	36.00 26	39.00 26	57.00 26
1974	0.09 11	0.12 11	0.13 10	0.45 13	5.60 28	17.00 26	23.00 24	27.00 24	44.00 25
1975	0.00 10	0.00 9	0.00 4	0.00 2	0.56 8	3.50 21	6.50 21	8.70 19	10.00 15

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
26.3	33.6	37.0	39.6	42.4	32.8	49.9	135	71.0	54.8	67.1	20.4
1932	2007	804	759	1062	839	11030	52680	9656	7973	5871	1511
44.0	44.8	28.4	27.6	32.6	29.0	105	230	98.3	89.3	76.6	38.9
2.27	1.72	0.50	0.67	0.74	0.68	4.31	1.75	1.46	2.69	1.26	2.46
1.67	1.33	0.77	0.70	0.77	0.88	2.10	1.70	1.38	1.63	1.14	1.90
4.31	5.51	6.06	6.50	6.96	5.38	8.19	22.1	11.6	8.98	11.0	3.35

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.82	1.10	1.35	1.41	1.42	1.25	1.12	1.34	1.21	1.21	1.42	0.65
0.60	0.46	0.30	0.26	0.29	0.33	0.55	0.90	0.80	0.57	0.52	0.59
0.77	0.68	0.55	0.51	0.53	0.58	0.74	0.95	0.89	0.75	0.72	0.77
0.33	0.00	-1.02	-1.25	-1.22	-0.64	0.28	0.13	0.00	0.00	-0.48	0.61
0.95	0.62	0.41	0.36	0.38	0.46	0.66	0.71	0.74	0.62	0.51	1.17
5.73	7.67	9.43	9.89	9.94	8.76	7.85	9.37	8.43	8.47	9.90	4.57

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
51.0	2176	46.6	1.55	0.91	0.222

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.53	0.18	0.43	-0.27	0.28	0.541

07107000 ST. CHARLES RIVER AT SAN ISABEL, COLO.

LOCATION.--Lat 37°58'54", long 105°03'48", in NE¼NW¼ sec.12, T.24 S., R.69 W., Custer County, 0.5 mi (0.8 km) upstream from Lake Isabel, 0.6 mi (1.0 km) downstream from Beaver Creek, and 0.8 mi (1.3 km) southwest of San Isabel.

DRAINAGE AREA.--18.8 mi² (48.7 km²).

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ST. CHARLES RIVER AT SAN ISABEL, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1938			5	6	18	13		16	7	24	31	45	18	6	17	14	15	9	17	11	14	11	15	13	13	7	5	3	4	3	3	1	1		
1939									11	51	61	44	38	22	22	26	20	9	4	3	4	7	2	14	10	5	9	2	1						
1940		3	11	22	37	25	24	34	37	64	12	17	7	9	7	10	15	14	2	8	2	4		1		1									
1941								4	64	44	39	22	9	20	9	12	6	8	7	8	5	4	4	19	14	12	14	8	8	12	6	3	2	2	

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1461	100.0	12	2.3	72	670	45.9	24	26	37	149	10.1
1	0.20	3	1461	100.0	13	2.8	57	598	40.9	25	32	25	112	7.6
2	0.30	16	1458	99.8	14	3.4	55	541	37.0	26	40	28	87	5.9
3	0.40	28	1442	98.7	15	4.2	62	486	33.3	27	48	13	59	4.0
4	0.50	55	1414	96.8	16	5.2	56	424	29.0	28	59	13	46	3.1
5	0.60	38	1359	93.0	17	6.3	40	368	25.2	29	73	15	33	2.2
6	0.70	24	1321	90.4	18	7.8	30	328	22.5	30	89	9	18	1.2
7	0.80	54	1297	88.8	19	9.5	30	298	20.4	31	110	4	9	.6
8	1.00	119	1243	85.1	20	12.0	25	268	18.3	32	130	3	5	.3
9	1.20	183	1124	76.9	21	14.0	26	243	16.6	33	160	2	2	.1
10	1.50	143	941	64.4	22	18.0	21	217	14.9	34				
11	1.90	128	798	54.6	23	21.0	47	196	13.4					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ST. CHARLES RIVER AT SAN ISABEL, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1938	138.0	2	101.0	2	80.0	2	53.0	2	48.0	2	35.0	2	30.0	2	27.0	2	19.0	2
1939	63.0	3	53.0	3	49.0	3	42.0	3	34.0	3	27.0	3	20.0	3	16.0	3	11.0	3
1940	33.0	4	23.0	4	17.0	4	14.0	4	10.0	4	7.8	4	6.1	4	4.8	4	3.5	4
1941	189.0	1	164.0	1	140.0	1	112.0	1	94.0	1	70.0	1	56.0	1	47.0	1	33.0	1

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ST. CHARLES RIVER AT SAN ISABEL, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1938	0.31	2	0.30	2	0.39	2	0.49	2	0.66	3	0.89	3	0.99	3	1.20	3	1.50	3
1939	1.00	4	1.00	4	1.00	4	1.10	4	1.20	4	1.40	4	1.50	4	1.70	4	2.50	4
1940	0.21	1	0.20	1	0.26	1	0.33	1	0.36	1	0.44	1	0.53	1	0.65	1	0.87	1
1941	0.41	3	0.40	3	0.43	3	0.54	3	0.63	2	0.73	2	0.90	2	1.20	2	1.30	2

07107500 ST. CHARLES RIVER AT BURNT MILL, COLO.

LOCATION.--Lat 38°03'06", long 104°47'35", in NE¼NE¼ sec.17, T.23 S., R.66 W., Pueblo County, at Burnt Mill, 5.6 mi (9.0 km) downstream from North St. Charles River.

DRAINAGE AREA.--166 mi² (430 km²).

REMARKS.--Diversions above station for irrigation of about 3,000 acres (12.1 km²).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ST. CHARLES RIVER AT BURNT MILL, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1924						9	28	28	8	3	1	2	11	11	29	31	34	29	25	23	23	6	6	11	37	9	2								
1926					7		23	25	46	30	48	24	16	23	18	5	6	9	7	3	5	2	5	8	19	23	6	5	2						
1927		19			15		49	74	39	27	23	6	20	13	9	9	7	14	5	9	5	2	5		2	3	4	1	1	1			1	1	1
1928					1		5	5	5	14	109	35	6	46	19	12	13	6	8	9	7	5	11	3	4	9	8	5	6	10	1	3	1		
1929					1			16	9	79	81	20	15	20	34	21	17	12	11	8	3	3	4	4	2	2	2			1					
1930								8	15	22	41	56	35	106	37	14	10	6	11	2		1			1										
1931					8		9	30	13	27	30	45	39	39	22	21	7	3	7	9	10	5	9	5	11	6	3	3	4						
1932		12	4	2	35		14	15	22	49	114	44	20	23	6	2	2			2															
1933					4		47	138	14	9	43	17	4	8	8	7	3		5	10	1	4	8	2	14	8	2	8	1						
1934					8		48	21	31	49	110	19	19	30	9	10	6	5																	

07107500 ST. CHARLES RIVER AT BURNT MILL, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ST. CHARLES RIVER AT BURNT MILL, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	3653	100.0	12	11.0	185	1566	42.9	24	140	90	233	6.3
1	1.00	31	3653	100.0	13	13.0	319	1381	37.8	25	180	60	143	3.9
2	1.20	4	3622	99.2	14	17.0	191	1062	29.1	26	220	27	83	2.2
3	1.50	2	3618	99.0	15	21.0	132	871	23.8	27	280	22	56	1.5
4	1.90	79	3616	99.0	16	26.0	105	739	20.2	28	340	14	34	.9
5	2.40	9	3537	96.8	17	32.0	84	634	17.4	29	420	12	20	.5
6	2.90	223	3528	96.6	18	39.0	79	550	15.1	30	530	1	8	.2
7	3.70	360	3305	90.5	19	49.0	75	471	12.9	31	650	3	7	.1
8	4.50	202	2945	80.6	20	61.0	54	396	10.8	32	810	2	4	.1
9	5.60	309	2743	75.1	21	75.0	28	342	9.4	33	1000	1	2	
10	7.00	600	2434	66.6	22	93.0	48	314	8.6	34	1300	1	1	
11	8.70	268	1834	50.2	23	120.0	33	266	7.3					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ST. CHARLES RIVER AT BURNT MILL, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1924	226.0	7	222.0	7	197.0	7	184.0	6	171.0	6	160.0	3	126.0	3	99.0	3	76.0	3
1926	352.0	5	343.0	4	311.0	4	263.0	4	219.0	3	195.0	2	153.0	2	120.0	2	83.0	2
1927	1680.0	1	1080.0	1	602.0	1	420.0	2	242.0	2	143.0	6	103.0	6	81.0	6	56.0	6
1928	940.0	2	664.0	2	570.0	2	498.0	1	426.0	1	285.0	1	208.0	1	170.0	1	116.0	1
1929	472.0	3	339.0	5	246.0	6	179.0	7	116.0	7	70.0	7	50.0	7	44.0	7	35.0	7
1930	159.0	8	82.0	8	45.0	8	34.0	8	30.0	8	23.0	8	19.0	8	18.0	8	17.0	8
1931	388.0	4	372.0	3	330.0	3	267.0	3	208.0	5	147.0	5	112.0	4	89.0	4	62.0	4
1932	51.0	9	26.0	10	18.0	10	14.0	10	13.0	10	12.0	10	10.0	10	9.5	10	8.8	10
1933	349.0	6	326.0	6	296.0	5	220.0	5	214.0	4	149.0	4	104.0	5	82.0	5	57.0	5
1934	36.0	10	33.0	9	29.0	9	28.0	9	22.0	9	19.0	9	17.0	9	14.0	9	12.0	9

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ST. CHARLES RIVER AT BURNT MILL, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1924	2.60	8	2.80	6	2.90	5	3.70	5	6.70	9	19.00	10	22.00	10	27.00	10	37.00	10
1926	1.00	1	1.00	1	1.00	1	2.90	3	3.70	3	4.60	3	5.60	3	6.50	4	8.10	6
1927	1.00	2	1.00	2	1.10	2	1.10	1	1.60	1	2.60	1	3.10	1	3.40	1	3.50	1
1928	1.00	3	2.70	5	4.10	9	4.90	9	5.80	8	7.50	8	7.70	8	8.00	7	11.00	8
1929	2.00	6	3.30	7	3.70	8	4.40	8	5.20	6	5.40	5	6.00	4	6.10	3	6.20	3
1930	2.00	7	4.00	10	5.40	10	5.80	10	8.30	10	12.00	9	12.00	9	12.00	9	13.00	9
1931	3.00	9	3.30	8	3.60	6	4.30	6	4.60	5	5.10	4	7.30	7	8.20	8	9.40	7
1932	1.00	4	2.00	4	2.10	4	3.40	4	4.50	4	5.80	6	6.20	5	6.60	5	6.90	4
1933	1.00	5	1.00	3	1.10	3	1.30	2	2.90	2	3.40	2	3.70	2	3.70	2	3.80	2
1934	3.00	10	3.30	9	3.70	7	4.30	7	5.70	7	6.20	7	6.60	6	6.80	6	7.20	5

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
12.6	10.7	10.5	9.60	10.5	14.4	51.5	122	52.4	22.6	38.0	9.55
367	102	70.1	58.7	57.1	86.9	2973	15180	2940	609	4093	63.6
19.2	10.1	8.38	7.66	7.55	9.32	54.5	123	54.2	24.7	64.0	7.97
2.93	2.42	2.38	2.56	1.85	0.52	1.43	0.75	1.27	1.78	2.17	1.26
1.52	0.94	0.79	0.80	0.72	0.65	1.06	1.01	1.03	1.09	1.69	0.84
3.46	2.95	2.89	2.63	2.87	3.95	14.1	33.5	14.4	6.19	10.4	2.62

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.88	0.92	0.94	0.90	0.93	1.05	1.51	1.76	1.46	1.18	1.16	0.85
0.15	0.08	0.07	0.06	0.08	0.12	0.18	0.40	0.29	0.15	0.33	0.12
0.39	0.29	0.27	0.25	0.29	0.35	0.43	0.64	0.54	0.39	0.58	0.34
1.90	1.45	0.90	1.30	0.20	-0.66	0.59	-0.11	0.06	0.82	1.24	0.48
0.44	0.31	0.29	0.28	0.31	0.33	0.28	0.36	0.37	0.33	0.50	0.40
6.48	6.81	6.92	6.67	6.90	7.77	11.2	13.0	10.8	8.68	8.54	6.30

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
30.5	331	18.2	0.36	0.60	-0.015

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.40	0.10	0.32	-0.63	0.23	-0.094

07108500 ST. CHARLES RIVER NEAR PUEBLO, COLO.

LOCATION.--Lat 38°12'39", long 104°31'57", in NW¼NW¼ sec.23, T.21 S., R.64 W., Pueblo County, on downstream side of right abutment of highway bridge, 500 ft (150 m) downstream from Bessemer ditch siphon, 8 mi (13 km) upstream from mouth, and 5.7 mi (9.2 km) southeast of city hall in Pueblo.

DRAINAGE AREA.--468 mi² (1,212 km²).

REMARKS.--Diversions for irrigation of about 8,500 acres (34.4 km²) above and below station. Diversions above station to reservoirs for industrial use.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ST. CHARLES RIVER NEAR PUEBLO, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1943	11	15	17	26	15	5	2	3	3	3	11	20	62	60	45	33	17	11	3				1		1			1							
1944			30	19	3		2	24	28	31	50	33	25	17	7	4	5	9	7	6	8	4	16	18	7	8	5								
1945			5	13	10	11	12	21	15	28	51	65	40	19	25	16	10	7	2	1	2	1		1	3	1	1	4	1						
1946			26	49	6	12	14	11	11	25	53	40	53	33	6	8	2	3	1	1	3	1	3	3				1							
1947				2	3	5	10	15	13	22	63	53	38	13	14	3	8	7	5	7	8	15	6	18	14	9	6	2	2	2		1	1		
1948				2	10	17	9	16	12	10	25	28	29	73	43	13	34	9	11	4	2	9	3		1		1		1						
1949				3	8	4	5	44	60	70	53	30	16	15	13	3	10	5	5	3	2	4	6	1	1	3	1								
1950			11	8	14	34	39	14	31	47	44	36	26	18	4	5	10	5	1	1	5	1		4		3	2				1	1			
1951			2	24	4	12	95	53	19	44	51	10	20	5	5	2	1	2	1	2	2	2	1	1		3	1	1	2						
1952	11	1	22	37	11	19	13	17	38	36	46	18	26	7	4	4	3	4	3	4	11	3	17	9	1			1							
1953			17	54	38	17	20	51	20	45	27	16	8	11	17	3	4	3	3	2	1	2			1	1	1	2	1						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	26	4018	100.0	12	5.8	343	1427	35.5	24	250	29	100	2.4
1	0.10	16	3992	99.4	13	8.0	271	1084	27.0	25	340	28	71	1.7
2	0.20	130	3976	99.0	14	11.0	183	813	20.2	26	470	18	43	1.0
3	0.30	237	3846	95.7	15	15.0	94	630	15.7	27	640	12	25	.6
4	0.50	122	3609	89.8	16	20.0	104	536	13.3	28	880	7	13	.3
5	0.70	136	3487	86.8	17	28.0	65	432	10.8	29	1200	2	6	.1
6	0.90	221	3351	83.4	18	38.0	42	367	9.1	30	1600	1	4	
7	1.20	269	3130	77.9	19	52.0	31	325	8.1	31	2200	2	3	
8	1.70	250	2861	71.2	20	72.0	44	294	7.3	32	3100	1	1	
9	2.30	361	2611	65.0	21	98.0	42	250	6.2	33				
10	3.10	474	2250	56.0	22	130.0	53	208	5.2	34				
11	4.30	349	1776	44.2	23	180.0	55	155	3.9					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ST. CHARLES RIVER NEAR PUEBLO, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1943	734.0	9	309.0	10	150.0	11	86.0	11	51.0	11	32.0	11	25.0	11	22.0	10	17.0	10
1944	580.0	10	551.0	5	457.0	4	331.0	2	327.0	2	239.0	2	173.0	2	139.0	2	93.0	2
1945	934.0	6	821.0	3	574.0	2	309.0	3	162.0	3	104.0	5	78.0	4	60.0	5	41.0	5
1946	819.0	7	366.0	9	249.0	8	133.0	9	73.0	9	39.0	10	26.0	10	21.0	11	16.0	11
1947	5550.0	1	3340.0	1	1990.0	1	1110.0	1	651.0	1	468.0	1	363.0	1	277.0	1	187.0	1
1948	965.0	4	457.0	7	204.0	10	112.0	10	68.0	10	42.0	9	48.0	9	39.0	9	33.0	7
1949	527.0	11	422.0	8	294.0	7	173.0	7	103.0	8	74.0	8	53.0	7	41.0	7	28.0	8
1950	2230.0	2	1050.0	2	544.0	3	271.0	4	160.0	4	123.0	3	92.0	3	70.0	3	46.0	3
1951	1160.0	3	512.0	6	303.0	6	163.0	8	108.0	7	78.0	6	69.0	6	52.0	6	35.0	6
1952	762.0	8	283.0	11	208.0	9	192.0	6	160.0	5	114.0	4	77.0	5	60.0	4	43.0	4
1953	938.0	5	736.0	4	338.0	5	239.0	5	138.0	6	75.0	7	52.0	8	40.0	8	27.0	9

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ST. CHARLES RIVER NEAR PUEBLO, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1943	3.40	11	4.60	11	5.60	11	6.50	11	7.10	11	7.70	11	9.50	11	9.80	11	17.00	11
1944	0.00	1	0.00	1	0.03	2	0.09	1	0.23	1	0.26	1	0.71	2	1.90	4	2.90	5
1945	0.21	4	0.20	4	0.20	3	0.23	3	0.43	5	1.10	5	2.00	6	3.40	7	4.90	8
1946	0.21	5	0.27	8	0.34	7	0.48	6	0.75	8	4.60	9	4.60	9	5.00	9	6.30	9
1947	0.21	6	0.20	5	0.20	4	0.24	5	0.29	4	1.10	6	2.60	7	3.20	6	3.40	6
1948	0.61	10	0.70	10	0.99	10	1.10	10	2.30	10	4.70	10	5.20	10	6.00	10	7.40	10
1949	0.00	2	0.00	2	0.60	9	0.65	9	0.74	7	1.10	7	1.70	5	1.90	5	2.20	3
1950	0.41	9	0.40	9	0.46	8	0.57	7	1.40	9	3.60	8	3.90	8	3.80	8	4.00	7
1951	0.21	7	0.20	6	0.24	6	0.64	8	0.73	6	0.78	4	1.10	4	1.50	2	2.00	1
1952	0.21	8	0.20	7	0.20	5	0.23	4	0.27	3	0.35	3	0.73	3	1.60	3	2.50	4
1953	0.00	3	0.00	3	0.00	1	0.19	2	0.26	2	0.28	2	0.64	1	1.20	1	2.20	2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
6.77	4.75	5.38	5.51	5.55	5.47	83.2	130	105	44.3	47.8	12.4
182	17.0	9.59	12.4	5.51	25.9	50150	40940	29100	2496	2470	960
13.5	4.12	3.10	3.52	2.35	5.09	224	202	171	50.0	49.7	31.0
2.90	1.71	0.34	1.21	1.35	1.89	3.39	1.97	2.61	1.66	1.36	3.36
2.00	0.87	0.58	0.64	0.42	0.93	2.69	1.56	1.62	1.13	1.04	2.50
1.48	1.04	1.18	1.21	1.22	1.20	18.2	28.5	23.1	9.71	10.5	2.72

07108500 ST. CHARLES RIVER NEAR PUEBLO, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
0.25	0.50	0.65	0.67	0.71	0.61	1.06	1.49	1.50	1.31	1.41	0.46
0.53	0.23	0.09	0.07	0.03	0.12	0.73	0.78	0.62	0.55	0.34	0.44
0.72	0.48	0.31	0.26	0.17	0.34	0.85	0.88	0.79	0.74	0.58	0.66
0.63	-1.08	-0.80	0.36	0.37	0.69	0.70	-0.10	-0.16	-1.55	-0.67	1.26
2.88	0.97	0.47	0.39	0.24	0.56	0.81	0.59	0.52	0.57	0.41	1.43
2.37	4.68	6.10	6.30	6.71	5.71	9.97	14.0	14.2	12.3	13.3	4.35

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
27.8	606	24.6	2.48	0.89	-0.309

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.35	0.08	0.28	1.36	0.20	-0.485

07108800 ST. CHARLES RIVER NEAR VINELAND, COLO.

LOCATION.--Lat 38°13'37", long 104°29'54", in SE¼SE¼ sec.12, T.21 S., R.64 W., Pueblo County, on downstream side of right pier of bridge on South Road, 2.5 mi (4.0 km) southwest of Vineland, and 5.6 mi (9.0 km) upstream from mouth.

DRAINAGE AREA.--476 mi² (1,233 km²).

REMARKS.--Natural flow of stream affected by diversions above station for irrigation of about 8,500 acres (34.4 km²) and return flow from land irrigated by Bessemer Ditch.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ST. CHARLES RIVER NEAR VINELAND, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1969										5	15	34	78	82	58	17	7	9	11	6	11	9	9	7	2	2		1	1	1					
1970									1	3	13	13	15	31	54	52	30	51	28	15	10	6	11	10	17	4							1		
1971							8	9	24	13	4	25	62	38	54	53	42	17	7	6		3													
1972		2	1	1	13	8	29	22	29	55	48	61	54	19	6	2	3	1	1	2	1		1		2	1		1	1		1		1		
1973				3	2	7	23	8	34	47	11	37	37	28	23	28	11	5	5	4	3	4	16	14	5	7	2		1						
1974			1	2	10	5	9	13	17	40	18	36	26	66	84	35	1	1							1										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2191	100.0	12	4.1	272	1469	67.0	24	130	35	66	3.0
1	0.10	2	2191	100.0	13	5.4	273	1197	54.6	25	170	13	31	1.4
2	0.20	2	2189	99.9	14	7.2	284	924	42.2	26	220	7	18	.8
3	0.30	3	2187	99.8	15	9.6	182	640	29.2	27	300	4	11	.5
4	0.40	26	2184	99.7	16	13.0	111	458	20.9	28	390	2	7	.3
5	0.60	15	2158	98.5	17	17.0	90	347	15.8	29	520	2	5	.2
6	0.70	53	2143	97.8	18	23.0	52	257	11.7	30	700	1	3	.1
7	1.00	67	2090	95.4	19	30.0	34	205	9.4	31	920		2	
8	1.30	79	2023	92.3	20	40.0	26	171	7.8	32	1200	2	2	
9	1.70	150	1944	88.7	21	53.0	21	145	6.6	33				
10	2.30	145	1794	81.9	22	71.0	25	124	5.7	34				
11	3.10	180	1649	75.3	23	94.0	33	99	4.5					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ST. CHARLES RIVER NEAR VINELAND, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1969	558.0	3	456.0	3	262.0	4	140.0	4	91.0	4	69.0	3	50.0	3	39.0	3	33.0	3
1970	1860.0	1	738.0	2	334.0	2	191.0	2	114.0	2	90.0	2	66.0	2	62.0	2	52.0	2
1971	64.0	6	61.0	6	41.0	5	27.0	5	21.0	5	17.0	5	14.0	5	13.0	5	12.0	5
1972	1230.0	2	839.0	1	388.0	1	183.0	3	109.0	3	62.0	4	43.0	4	32.0	4	22.0	4
1973	545.0	4	338.0	4	295.0	3	229.0	1	198.0	1	143.0	1	100.0	1	78.0	1	53.0	1
1974	186.0	5	65.0	5	29.0	6	15.0	6	10.0	6	9.6	6	8.9	6	8.5	6	7.5	6

07108800 ST. CHARLES RIVER NEAR VINELAND, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ST. CHARLES RIVER NEAR VINELAND, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1969	1.80	5	3.10	6	3.80	6	4.00	6	4.10	4	4.30	4	4.70	4	5.20	4	5.90	4
1970	1.90	6	1.90	4	2.20	4	2.80	4	4.40	5	8.00	6	11.00	6	11.00	6	14.00	6
1971	1.50	4	2.40	5	2.50	5	2.80	5	4.40	6	6.50	5	8.00	5	8.80	5	9.00	5
1972	0.70	3	0.74	3	0.77	3	0.96	3	1.20	2	1.60	1	1.80	1	2.40	1	2.90	1
1973	0.10	1	0.13	1	0.39	1	0.65	1	0.97	1	1.60	2	1.80	2	2.40	2	4.70	2
1974	0.56	2	0.56	2	0.70	2	0.90	2	1.50	3	2.30	3	2.90	3	4.10	3	5.30	3

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
7.54	8.28	5.83	8.18	8.98	8.88	18.4	60.2	34.4	13.4	33.1	8.86
48.3	45.2	5.91	9.63	20.8	33.0	553	5343	1570	74.1	2131	191
6.95	6.72	2.43	3.10	4.56	5.75	23.5	73.1	39.6	8.61	46.2	13.8
1.22	1.23	0.40	1.02	1.67	0.97	2.19	1.25	0.74	2.25	0.97	2.37
0.92	0.81	0.42	0.38	0.51	0.65	1.28	1.21	1.15	0.64	1.39	1.56
3.49	3.83	2.70	3.79	4.16	4.11	8.52	27.9	15.9	6.19	15.3	4.10

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.72	0.80	0.73	0.89	0.91	0.86	1.02	1.35	1.12	1.07	0.96	0.64
0.17	0.12	0.03	0.03	0.04	0.10	0.25	0.59	0.56	0.05	0.66	0.25
0.42	0.35	0.19	0.17	0.20	0.32	0.50	0.77	0.75	0.22	0.82	0.50
0.21	0.25	0.08	-0.19	0.84	-0.57	0.36	-0.07	0.05	1.80	0.63	1.60
0.58	0.44	0.25	0.19	0.21	0.37	0.49	0.57	0.67	0.20	0.85	0.77
6.47	7.22	6.62	8.01	8.25	7.80	9.20	12.2	10.1	9.70	8.66	5.82

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
18.1	120	11.0	0.39	0.61	-0.511

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.18	0.09	0.30	-0.27	0.25	-0.497

07109000 ST. CHARLES RIVER AT MOUTH, NEAR PUEBLO, COLO.

LOCATION.--Lat 38°15'32", long 104°28'26", in sec.5, T.21 S., R.63 W., Pueblo County, 0.8 mi (1.3 km) upstream from mouth, and 6.0 mi (9.7 km) east of Pueblo.

DRAINAGE AREA.--482 mi² (1,248 km²).

REMARKS.--Diversions above station for irrigation.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ST. CHARLES RIVER AT MOUTH, NEAR PUEBLO, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1923					13		10	43	21	37	26	7	33	27	24	25	16	6	8	4	7	3	10	7	7	4	1	4	6	5	6	2	2	1	
1924					21		10	8	16	12	9	7	32	36	27	49	18	12	11	7	6	12	17	13	19	22	1	1							
1925					44		12	29	30	88	59	22	20	4	4	3	6	7	4	4	8	6	3	3	3	1	1		2			1			1

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1096	100.0	12	11.0	85	572	52.2	24	160	29	90	8.2
1	1.00	0	1096	100.0	13	14.0	67	487	44.4	25	200	27	61	5.5
2	1.20	0	1096	100.0	14	18.0	55	420	38.3	26	250	3	34	3.1
3	1.60	0	1096	100.0	15	22.0	77	365	33.3	27	320	5	31	2.8
4	1.90	78	1096	100.0	16	28.0	40	288	26.3	28	390	8	26	2.3
5	2.40	0	1018	92.9	17	35.0	25	248	22.6	29	490	5	18	1.6
6	3.00	32	1018	92.9	18	43.0	23	223	20.3	30	610	6	13	1.1
7	3.80	80	986	90.0	19	54.0	15	200	18.2	31	770	3	7	.6
8	4.70	67	906	82.7	20	67.0	21	185	16.9	32	960	2	4	.3
9	5.90	137	839	76.6	21	84.0	21	164	15.0	33	1200	1	2	.1
10	7.30	94	702	64.1	22	100.0	30	143	13.0	34	1500	1	1	
11	9.20	36	608	55.5	23	130.0	23	113	10.3					

07109000 ST. CHARLES RIVER AT MOUTH, NEAR PUEBLO, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ST. CHARLES RIVER AT MOUTH, NEAR PUEBLO, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1923	1490.0	2	898.0	2	683.0	1	611.0	1	524.0	1	325.0	1	247.0	1	188.0	1	132.0	1
1924	329.0	3	272.0	3	238.0	3	215.0	3	211.0	2	173.0	2	135.0	2	108.0	2	77.0	2
1925	1840.0	1	1050.0	1	494.0	2	294.0	2	182.0	3	111.0	3	80.0	3	65.0	3	45.0	3

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ST. CHARLES RIVER AT MOUTH, NEAR PUEBLO, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1923	1.00	1	1.70	1	1.90	1	2.10	1	2.40	1	2.80	1	3.80	1	5.60	1	5.60	1
1924	2.00	2	2.00	2	4.30	3	11.00	3	13.00	3	16.00	3	17.00	3	19.00	3	34.00	3
1925	2.00	3	2.00	3	2.00	2	2.40	2	2.80	2	4.30	2	5.20	2	5.60	2	6.40	2

07109500 ARKANSAS RIVER NEAR AVONDALE, COLO.

LOCATION.--Lat 38°14'53", long 104°23'55", in NE¼SW¼ sec.1, T.21 S., R.63 W., Pueblo County, on right bank 15 ft (5 m) downstream from bridge on Sixmile Road, 0.3 mi (0.5 km) upstream from Sixmile Creek, and 2.6 mi (4.2 km) west of Avondale.

DRAINAGE AREA.--6,327 mi² (16,387 km²).

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs, power developments, ground-water withdrawals, diversions for irrigation of about 123,000 acres (498 km²) and municipal use, and return flow from irrigated areas. Flow partly regulated by Pueblo Reservoir since Jan. 9, 1974.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER NEAR AVONDALE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1940		1	3	4	12	5	18	44	50	37	34	24	46	12	12	15	10	19	9	1	7	2			1										
1941							7	14	16	39	52	34	46	21	11	8	4	11	18	9	25	17	11	8	6	2	5	1							
1942											1	2	24	56	51	51	12	19	12	13	16	9	7	15	17	9	23	17	8	2		1			
1943												2	25	48	64	83	28	20	29	18	15	14	9	7	3										
1944								2	1	3	6	35	96	52	19	16	9	40	16	10	8	12	18	20	3										
1945							2	4	6	26	44	14	56	73	25	24	20	18	18	9	7	9	3	3	2	1	1								
1946								3	11	15	7	39	56	54	35	43	31	22	18	8	7	8	6	1	1										
1947									3	6	23	18	44	82	26	13	23	6	5	15	15	18	13	14	15	13	6	1	2	2	2				
1948										5	1	6	9	17	67	75	32	34	30	27	22	4	11	8	13	3	1			1					
1949											27	67	46	52	31	14	18	26	13	12	10	7	4	8	11	9	6	4							
1950							1	2	5	7	37	55	72	57	26	7	12	26	18	12	11	7	6	3		1									
1951							2	27	27	26	29	81	34	15	17	14	6	20	19	13	14	13	5	2			1								
1966										4	4	23	21	8	49	122	43	49	15	16	4	4	1	1		1									
1967							3	23	12	13	39	65	36	41	22	9	11	27	27	12	15	6	2	2											
1968										2	6	43	113	58	13	15	9	10	27	14	26	19	3	3	4	1									
1969									8	6	12	51	38	78	43	8	5	21	10	12	24	33	8	7	1										
1970												8	29	25	34	62	27	37	55	19	10	13	23	9	7	7									
1971											2	13	7	26	75	69	76	32	5	13	30	6	7	4											
1972								1	6	10	22	40	64	35	63	32	8	17	20	12	11	10	10	5											
1973								2	12	8	16	35	40	59	46	12	9	15	21	5	21	25	15	10	9	5									
1974								3	4	10	19	25	76	61	54	16	29	11	23	19	10	5													
1975									12	10	57	73	49	22	18	20	21	8	8	5	10	12	13	16	8	3									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	8035	100.0	12	360.0	1027	6261	77.9	24	3100	101	240	2.9
1	50.00	1	8035	100.0	13	430.0	952	5234	65.1	25	3700	55	139	1.7
2	60.00	3	8034	100.0	14	510.0	801	4282	53.3	26	4400	43	84	1.0
3	72.00	4	8031	100.0	15	610.0	728	3481	43.3	27	5300	23	41	.5
4	86.00	12	8027	99.9	16	740.0	443	2753	34.3	28	6300	10	18	.2
5	100.00	5	8015	99.8	17	880.0	488	2310	28.7	29	7600	5	8	
6	120.00	33	8010	99.7	18	1100.0	416	1822	22.7	30	9000	2	3	
7	150.00	125	7977	99.3	19	1300.0	274	1406	17.5	31	11000	1	1	
8	180.00	173	7852	97.7	20	1500.0	318	1132	14.1	32	13000			
9	210.00	227	7679	95.6	21	1800.0	253	814	10.1	33	15000			
10	250.00	438	7452	92.7	22	2200.0	175	561	7.0	34	19000			
11	300.00	753	7014	87.3	23	2600.0	146	386	4.8					

07109500 ARKANSAS RIVER NEAR AVONDALE, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER NEAR AVONDALE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1940	3250.0	16	2240.0	21	1750.0	22	1430.0	22	1200.0	22	951.0	22	772.0	22	688.0	22	527.0	22
1941	5370.0	5	4950.0	5	4750.0	4	3740.0	5	2950.0	5	2460.0	7	2090.0	7	1910.0	7	1390.0	7
1942	12100.0	1	9060.0	2	7420.0	2	6130.0	1	5520.0	1	5120.0	1	4580.0	1	3920.0	1	2890.0	1
1943	3310.0	15	3230.0	12	2980.0	11	2630.0	10	2180.0	11	1810.0	12	1620.0	12	1490.0	12	1220.0	10
1944	3450.0	14	3240.0	11	2960.0	12	2790.0	9	2610.0	9	2330.0	9	2000.0	9	1750.0	8	1360.0	8
1945	4840.0	6	3820.0	9	3080.0	10	2620.0	11	1980.0	15	1550.0	17	1400.0	16	1210.0	16	935.0	15
1946	3180.0	17	2290.0	20	2080.0	18	2020.0	17	1510.0	19	1300.0	19	1210.0	20	1140.0	19	892.0	19
1947	10100.0	2	9290.0	1	8020.0	1	5910.0	2	4760.0	2	3800.0	2	3310.0	2	2860.0	2	2100.0	2
1948	8640.0	3	5750.0	3	4430.0	5	4020.0	4	3380.0	4	2530.0	5	2140.0	6	1930.0	6	1580.0	4
1949	5670.0	4	5550.0	4	5270.0	3	4610.0	3	3990.0	3	3130.0	3	2460.0	3	2080.0	3	1570.0	5
1950	4220.0	9	2720.0	15	2610.0	15	2150.0	15	1790.0	16	1600.0	15	1330.0	17	1160.0	18	898.0	18
1951	4660.0	7	2450.0	18	2150.0	17	1830.0	18	1700.0	17	1590.0	16	1460.0	15	1270.0	14	933.0	16
1966	3710.0	13	2520.0	17	1890.0	20	1620.0	19	1370.0	21	1230.0	21	1170.0	21	1110.0	20	911.0	17
1967	2790.0	21	2360.0	19	1980.0	19	1610.0	20	1580.0	18	1490.0	18	1330.0	18	1170.0	17	866.0	20
1968	3780.0	12	3630.0	10	3240.0	9	2550.0	12	2230.0	10	1820.0	11	1750.0	11	1540.0	11	1180.0	12
1969	3130.0	18	2750.0	14	2430.0	16	2140.0	16	2110.0	13	2040.0	10	1820.0	10	1640.0	10	1220.0	11
1970	3980.0	10	3950.0	7	3870.0	7	3440.0	6	2770.0	7	2630.0	4	2220.0	5	1980.0	5	1600.0	3
1971	2900.0	19	2860.0	13	2650.0	13	2390.0	14	2040.0	14	1770.0	13	1490.0	13	1330.0	13	1070.0	13
1972	2880.0	20	2710.0	16	2620.0	14	2410.0	13	2130.0	12	1680.0	14	1460.0	14	1240.0	15	969.0	14
1973	4380.0	8	4270.0	6	3910.0	6	2870.0	8	2690.0	8	2420.0	8	2290.0	4	2010.0	4	1520.0	6
1974	2100.0	22	2020.0	22	1800.0	21	1550.0	21	1430.0	20	1280.0	20	1210.0	19	1070.0	21	836.0	21
1975	3980.0	11	3860.0	8	3470.0	8	3150.0	7	2820.0	6	2490.0	6	2030.0	8	1710.0	9	1270.0	9

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER NEAR AVONDALE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1941	50.00	1	58.00	1	85.00	1	95.00	1	144.00	1	253.00	3	293.00	3	317.00	3	305.00	2
1942	126.00	2	145.00	2	180.00	4	193.00	5	384.00	18	470.00	16	510.00	16	531.00	16	640.00	18
1943	320.00	21	388.00	21	397.00	21	413.00	20	446.00	19	500.00	19	537.00	19	566.00	19	571.00	16
1944	298.00	19	305.00	19	307.00	18	311.00	16	338.00	14	375.00	13	409.00	14	423.00	11	419.00	11
1945	162.00	8	177.00	7	206.00	10	241.00	10	259.00	7	267.00	5	309.00	4	352.00	4	372.00	5
1946	146.00	5	160.00	5	194.00	7	195.00	6	292.00	11	348.00	9	387.00	11	438.00	14	451.00	14
1947	176.00	10	180.00	9	185.00	5	188.00	4	208.00	4	252.00	2	322.00	5	359.00	6	383.00	7
1948	233.00	13	245.00	14	256.00	14	282.00	14	478.00	20	554.00	20	590.00	21	616.00	21	648.00	19
1949	240.00	14	242.00	13	249.00	13	261.00	12	282.00	10	329.00	8	354.00	7	388.00	8	378.00	6
1950	240.00	15	263.00	15	283.00	15	301.00	15	317.00	12	359.00	10	381.00	9	391.00	10	402.00	10
1951	140.00	4	146.00	3	150.00	2	157.00	2	167.00	2	205.00	1	243.00	1	266.00	1	301.00	1
1966	191.00	12	204.00	12	225.00	11	277.00	13	379.00	17	481.00	18	517.00	18	551.00	18	603.00	17
1967	170.00	9	183.00	10	228.00	12	250.00	11	274.00	9	310.00	6	328.00	6	357.00	5	359.00	4
1968	138.00	3	150.00	4	159.00	3	166.00	3	190.00	3	372.00	11	371.00	8	390.00	9	395.00	9
1969	265.00	18	281.00	17	302.00	17	322.00	18	338.00	13	385.00	15	424.00	15	440.00	15	432.00	12
1970	183.00	11	200.00	11	204.00	9	218.00	9	260.00	8	471.00	17	513.00	17	545.00	17	650.00	20
1971	308.00	20	308.00	20	376.00	20	483.00	21	536.00	21	557.00	21	578.00	20	596.00	20	652.00	21
1972	260.00	16	293.00	18	310.00	19	316.00	17	347.00	15	372.00	12	393.00	12	432.00	13	453.00	15
1973	150.00	6	177.00	8	196.00	8	200.00	7	217.00	5	312.00	7	383.00	10	378.00	7	392.00	8
1974	265.00	17	271.00	16	286.00	16	334.00	19	370.00	16	376.00	14	409.00	13	428.00	12	445.00	13
1975	152.00	7	172.00	6	192.00	6	203.00	8	229.00	6	257.00	4	272.00	2	286.00	2	324.00	3

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
433	490	490	466	442	391	654	1342	2266	1615	1108	525
52950	35050	14230	8496	7778	10620	515000	791000	968600	360800	123000	32570
230	187	119	92.2	88.2	103	718	889	984	601	351	180
1.00	0.58	-0.30	0.24	0.75	1.20	3.82	2.46	1.14	0.62	-0.22	1.34
0.53	0.38	0.24	0.20	0.20	0.26	1.10	0.66	0.43	0.37	0.32	0.34
4.24	4.79	4.79	4.56	4.32	3.82	6.40	13.1	22.2	15.8	10.8	5.13

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.58	2.66	2.68	2.66	2.64	2.58	2.70	3.07	3.32	3.18	3.02	2.70
0.05	0.03	0.01	0.01	0.01	0.01	0.09	0.05	0.03	0.03	0.03	0.02
0.22	0.17	0.12	0.09	0.09	0.11	0.29	0.22	0.18	0.17	0.17	0.14
0.31	-0.33	-0.89	-0.08	-0.02	0.51	0.97	1.06	0.25	-0.55	-1.31	0.08
0.08	0.06	0.04	0.03	0.03	0.04	0.11	0.07	0.05	0.05	0.05	0.05
7.65	7.87	7.92	7.88	7.81	7.64	7.99	9.08	9.83	9.41	8.94	7.99

07109500 ARKANSAS RIVER NEAR AVONDALE, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
854	81280	285	1.63	0.33	0.108

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.91	0.02	0.13	0.26	0.05	0.136

07110000 SIXMILE CREEK NEAR AVONDALE, COLO.

LOCATION.--Lat 38°14'47", long 104°23'36", in NW¼SE¼ sec.1, T.21 S., R.63 W., Pueblo County, 750 ft (230 m) upstream from mouth, 800 ft (240 m) downstream from bridge on U.S. Highway 50, and 2.4 mi (3.9 km) west of Avondale.

DRAINAGE AREA.--45 mi² (117 km²).

REMARKS.--Flow is mostly return water from land irrigated by lower end of Bessemer ditch.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SIXMILE CREEK NEAR AVONDALE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1942				4	22	101	53	38	25	55	19	20	13	10	2	1	2																		
1943			2		13	31	64	62	52	18	22	16	32	40	12		1																		
1944				3	5	36	122	87	52	23	19	4	4	3			1	1		2		2			1										1
1945					1	20	36	70	118	48	42	9	8	6		1	1			1		1			1			1	1						
1946		11	39	59	60	69	19	20	20	24	9	11	17	3			1	1		1															1

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1826	100.0	12	11.0	82	141	7.7	24	34	2	6	.3
1	4.00	13	1826	100.0	13	12.0	34	59	3.2	25	38		4	.2
2	4.40	39	1813	99.3	14	14.0	2	25	1.4	26	42		4	.2
3	4.80	79	1774	97.2	15	15.0	3	23	1.3	27	46	1	4	.2
4	5.30	119	1695	92.8	16	16.0	5	20	1.1	28	50	1	3	.1
5	5.80	290	1576	86.3	17	18.0	2	15	0.8	29	55		2	.1
6	6.40	292	1286	70.4	18	20.0	0	13	0.7	30	61		2	.1
7	7.00	267	994	54.4	19	22.0	4	13	0.7	31	66		2	.1
8	7.70	233	727	39.8	20	24.0	0	9	0.5	32	73		2	.1
9	8.50	172	494	27.1	21	26.0	3	9	0.5	33	80		2	.1
10	9.30	105	322	17.6	22	29.0	0	6	0.3	34	88	2	2	.1
11	10.00	76	217	11.9	23	31.0	0	6	0.3					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SIXMILE CREEK NEAR AVONDALE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1942	17.0	4	14.0	4	13.0	4	12.0	4	10.0	5	9.9	4	9.7	4	9.4	4	9.0	3
1943	15.0	5	13.0	5	12.0	5	12.0	5	11.0	4	11.0	3	11.0	1	10.0	1	9.1	1
1944	88.0	2	50.0	1	32.0	1	22.0	1	16.0	1	12.0	1	11.0	2	10.0	2	9.0	2
1945	50.0	3	26.0	3	15.0	3	14.0	3	12.0	2	11.0	2	10.0	3	9.4	3	8.8	4
1946	123.0	1	46.0	2	26.0	2	16.0	2	11.0	3	9.8	5	9.1	5	8.3	5	7.3	5

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SIXMILE CREEK NEAR AVONDALE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1943	5.40	4	5.50	4	5.90	4	6.20	3	6.60	3	7.00	4	7.60	4	8.60	4	9.00	4
1944	4.20	2	4.50	2	5.20	2	5.30	2	5.60	2	5.80	2	5.90	2	6.00	1	6.30	1
1945	4.90	3	5.00	3	5.40	3	6.70	4	6.90	4	7.00	3	7.50	3	7.80	3	8.00	3
1946	4.00	1	4.20	1	4.50	1	4.70	1	5.30	1	5.50	1	5.50	1	6.10	2	7.30	2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
8.17	8.52	8.05	7.25	6.93	6.65	7.22	6.81	7.75	9.28	9.19	7.15
1.85	3.66	3.88	1.69	2.46	1.33	2.37	0.95	2.98	14.1	4.48	1.67
1.36	1.91	1.97	1.30	1.57	1.15	1.54	0.97	1.72	3.75	2.12	1.29
0.51	0.22	1.60	-0.10	1.24	0.66	0.08	-1.83	-0.61	1.06	-0.81	0.02
0.17	0.22	0.24	0.18	0.23	0.17	0.21	0.14	0.22	0.40	0.23	0.18
8.79	9.16	8.66	7.80	7.45	7.15	7.77	7.32	8.34	9.99	9.89	7.49

07110000 SIXMILE CREEK NEAR AVONDALE, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
0.91	0.92	0.90	0.85	0.83	0.82	0.85	0.83	0.88	0.94	0.95	0.85
0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.03	0.01	0.01
0.07	0.10	0.10	0.08	0.09	0.07	0.09	0.07	0.10	0.17	0.11	0.08
0.35	0.09	1.31	-0.26	0.87	0.48	-0.29	-1.93	-0.89	0.48	-1.22	-0.13
0.08	0.11	0.11	0.09	0.11	0.09	0.11	0.08	0.12	0.18	0.12	0.09
8.62	8.75	8.51	8.11	7.90	7.76	8.08	7.87	8.35	8.93	9.05	8.06

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
7.76	0.37	0.61	-0.50	0.08	-0.732

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.89	0.00	0.03	-0.70	0.04	-0.749

07110500 CHICO CREEK NEAR NORTH AVONDALE, COLO.

LOCATION.--Lat 38°16'02", long 104°22'22", in SE¼ sec.31, T.20 S., R.62 W., Pueblo County, 1.4 mi (2.3 km) west of North Avondale and 1.8 mi (2.9 km) upstream from mouth.

DRAINAGE AREA.--864 mi² (2,238 km²).

REMARKS.--Mainly return flow from irrigation.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHICO CREEK NEAR NORTH AVONDALE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1943	321	1	2			3		1	4	2	2	2	6	8	3	2	1	4	3																
1944	263	3	6	4	4	6	6	2	4	8	4	5	6	14	7	10	6	7		1															
1945	309	1		1			1		2		1	3	4	10	4	3	7	13	2			2		1			1								
1946	344	1	1	1	1	1	1	1			1	2					2			2	1			1			1	1				2	1		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1237	1461	100.0	12	3.2	16	136	9.3	24	81		6	.4
1	0.10	6	224	15.3	13	4.2	32	120	8.2	25	110		6	.4
2	0.20	9	218	14.9	14	5.5	14	88	6.0	26	140	2	6	.4
3	0.30	6	209	14.3	15	7.2	15	74	5.1	27	180	1	4	.2
4	0.40	5	203	13.9	16	9.5	16	59	4.0	28	240		3	.2
5	0.50	10	198	13.6	17	12.0	24	43	2.9	29	310		3	.2
6	0.70	8	188	12.9	18	16.0	5	19	1.3	30	400		3	.2
7	0.90	4	180	12.3	19	21.0	3	14	1.0	31	530	2	3	.2
8	1.10	10	176	12.0	20	28.0	1	11	0.8	32	690	1	1	
9	1.50	10	166	11.4	21	36.0	2	10	0.7	33				
10	1.90	8	156	10.7	22	47.0	0	8	0.5	34				
11	2.50	12	148	10.1	23	62.0	2	8	0.5					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHICO CREEK NEAR NORTH AVONDALE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1943	20.0	4	15.0	3	10.0	3	5.9	4	5.3	4	2.7	4	1.9	4	1.4	4	1.2	4
1944	23.0	3	13.0	4	8.4	4	7.3	3	6.2	3	4.9	3	4.0	3	3.1	3	2.2	3
1945	177.0	2	66.0	2	32.0	2	18.0	2	13.0	2	8.5	2	7.5	2	5.8	2	3.8	2
1946	991.0	1	556.0	1	386.0	1	186.0	1	93.0	1	48.0	1	32.0	1	24.0	1	16.0	1

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHICO CREEK NEAR NORTH AVONDALE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1944	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.01	1
1945	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.14	3
1946	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.04	2

07111000 HUERFANO RIVER AT MANZANARES CROSSING, NEAR REDWING, COLO.

LOCATION.--Lat 37°43'40", long 105°21'03", in sec.5, T.27 S., R.71 W., Huerfano County, on left bank at Manzanares Crossing, 500 ft (150 m) downstream from private bridge, 0.2 mi (0.3 km) downstream from Manzanares Creek, and 3.5 mi (5.6 km) southwest of Redwing.

DRAINAGE AREA.--73 mi² (189 km²).

REMARKS.--Diversions above station for irrigation of about 1,800 acres (7.28 km²).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HUERFANO R AT MANZANARES XING, NR REDWING, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1924									2	3	65	8	56	18	11	33	30	18	26	14	8	5	4	13	14	2	10	16	9	1					
1925								31	28	47	26	49	32	16	20	26	20	26	21	9	3	9	2												
1926									4	40	15	112	61	4	15	15	4	10	8	7	4	12	15	6	6	2	6	3	6	6	4				
1927									91	16	7	37	29	35	6	9	14	17	37	18	18	13	9	6	2		1								
1928							31	60	30			7	54	22	29	17	18	12	8	8	20	15	6	7	9	4	1	5	3						
1929								28	62		10	39	10	29	25	16	3	6	4	13	32	16	27	11	13	4	11	5		1					
1930									31		62	36	15	29	49	29	22	22	9	12	18	20	7	2			1		1						
1931				31		59	31		30			13	47	18	17	18	8	14	9	10	5	9	18	6	8	5	8	1							
1932									1	73	37	56	8	11	21	16	10	12	3	15	20	17	7	9	21	10	9	4	6						
1933								59	63	31	15	33	15	16	23	15	8	13	5	8	3	8	8	9	7	2	5	13	5	1					
1934										13	112	60	34	52	12	25	5	7	5	24	7	6	2	1											
1935						5	7	73	38	29	20	21	15	7	14	10	20	10	7	10	8	15	15	10	10	4	9	5	1	2					
1936						1	1	6	75	11	5	64	2	26	20	19	15	15	13	22	17	29	6	7	5	2		2	1		1	1			
1937			1	3	3	6	9	14	8	24	38	22	18	26	34	19	14	19	11	6	8	5	10	7	14	16	15	10	5						
1938								31	43	28	34	40	18	15	5	8	17	12	9	18	16	12	7	4	11	2	8	6	8	11	2				
1939									25	35	28	38	48	55	38	30	10	12	2	11	21	10	2												
1940						4	10	39	27	73	46	20	16	45	25	21	12	14	4	6	4														
1941				5	7	9	15	22	20	37	29	18	19	25	3	7	13	11	6	6	20	6	4	4	4	4	7	19	8	16	20	1			
1942									1	10	21	29	53	20	30	20	21	23	21	14	11	10	21	9	2	5	3	17	9	2	2	3	3	5	
1943								1	3	13	30	51	71	53	45	21	25	16	11	14	5	3	2		1										
1944							62	3	1	32	59	33	15	37	13	8	8	4	2	7	3	3	7	5	6	1	2	25	16	9	4	1			
1945											80	1	55	47	52	4	3	29	7	14	23	25	16	6	3										
1946						6	13	36	19	39	45	44	56	27	35	12	11	13	8	1															
1947					1	5	10	14	22	32	42	27	30	17	2	8	17	14	15	14	12	9	20	15	21	8	5	3	2						
1948											3	100	28	19	41	35	24	9	7	4	10	4	20	14	11	1	9	14	12	1					
1949											7	92	58	40	30	12	4	10	8	5	4	14	11	12	19	11	10	14	3	1					
1950					1	5	7	14	13	42	109	60	61	24	16	7	2	1	1	1			1												
1951					3	7	21	61	42	74	33	22	23	14	7	12	6	5	14	5	5	3	1	2	4										1
1952					4	18	36	49	43	38	18	8	24	14	11	4	9	14	5	3	10	26	3	5	7	5	6	6							
1953								7	10	38	113	60	22	12	16	8	26	10	8	4	2	18	9	2											
1954							4	29	23	94	64	23	9	9	31	21	18	22	6	10	2														
1955							37	85	26	45	24	20	4	8	23	15	15	8	4	5	6	9	5	18	6	2									
1956					8	21	29	93	41	71	20	18	13	6	17	2	3	12	5	5	2														
1957					42	101	34	10	3	9	11	1	3	2	2	9	4	13	10	8	8	5	3	8	14	3	21	26	9	6					
1958					3	22	32	61	13	25	17	58	20	13	21	17	10	4	2	8	1	1		6	14	4	2	6	5						
1959							31	18	24	49	60	13	29	17	22	18	7	14	10	11	18	16	5	3											
1960										36	65	9	47	56	12	10	2	7	14	29	18	12	14	10	7	14	4								
1961								33	32	44	10	14	27	25	9	4	4	24	27	34	30	17	8	20	3										
1962									7	55	29	29	56	35	10	12	15	14	9	12	21	38	13	10											
1963			31			79		3	3	2	9	32	64	61	28	31	18	3	1																
1964			13	76	12	1	2	18	12	38	33	66	28	17	18	13	7	5	6	1															
1965								18	41	107	16	13	2	4	4	16	14	23	7	23	14	19	13	11	7	3	7	2	1						
1966									15	36	69	48	29	10	18	27	23	27	30	19	9	3			1		1								
1967				3	1	25	62	67	47	16	1		5	3	8	25	19	28	7	17	18	9	2	2											
1968								33	30	61	5	3	33	48	18	9	11	15	17	10	7	7	13	14	14	4	4	9	1						
1969						1	2	12	9	40	55	47	30	22	22	9	11	12	23	16	14	17	9	8	5		1								
1970						1	2	15	43	63	20	11	33	14	6	6	9	17	20	17	15	24	15	15	14	4	1								
1971				1	1	3	3	7	9	35	53	43	49	56	30	22	15	9	15	12	2														
1972					1	3	5	22	21	64	71	51	42	21	19	12	10	18	5															1	
1973					1	5	7	10	23	61	47	20	28	17	14	8	8	4	9	12	11	6	3	8	19	6	7	18	7	1	3	2			
1974						6	8	28	24	71	63	33	58	16	16	26	7	7	2																
1975		1		1	3	7	69	42	16	40	14	7	13	13	16	21	15	12	3	4	6	19	21	20	2										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	18993	100.0	12	17.0	1615	9946	52.4	24	100	304	1065	5.6
1	3.50	1	18993	100.0	13	20.0	1246	8331	43.9	25	120	128	761	4.0
2	4.00	45	18992	100.0	14	23.0	1029	7085	37.3	26	130	174	633	3.3
3	4.70	120	18947	99.8	15	27.0	817	6056	31.9	27	150	229	459	2.4
4	5.40	91	18827	99.1	16	31.0	644	5239	27.6	28	180	118	230	1.2
5	6.30	400	18736	98.6	17	36.0	696	4595	24.2	29	210	58	112	.5
6	7.30	580	18336	96.5	18	42.0	526	3899	20.5	30	240	36	54	.2
7	8.40	1152	17756	93.5	19	48.0	556	3373	17.8	31	280	8	18	
8	9.70	1194	16604	87.4	20	56.0	519	2817	14.8	32	320	4	10	
9	11.00	1840	15410	81.1	21	65.0	524	2298	12.1	33	370	5	6	
10	13.00	1865	13570	71.4	22	75.0	384	1774	9.3	34	430	1	1	
11	15.00	1759	11705	61.6	23	86.0	325	1390	7.3					

07111000 HUERFANO RIVER AT MANZANARES CROSSING, NEAR REDWING, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HUERFANO R AT MANZANARES XING, NR REDWING, CO.

YEAR	1	3	7	15	30	60	90	120	183
1924	220.0 11	198.0 14	186.0 12	175.0 10	164.0 9	142.0 7	116.0 10	99.0 9	72.0 9
1925	83.0 43	71.0 43	68.0 41	61.0 39	52.0 41	45.0 41	41.0 40	40.0 38	33.0 36
1926	253.0 8	247.0 6	229.0 6	216.0 5	178.0 7	129.0 11	104.0 12	86.0 12	62.0 14
1927	133.0 30	98.0 35	80.0 35	68.0 36	62.0 36	59.0 32	56.0 33	53.0 31	45.0 29
1928	197.0 19	194.0 17	179.0 16	150.0 16	119.0 18	94.0 21	77.0 22	68.0 21	52.0 23
1929	211.0 15	162.0 22	154.0 20	139.0 19	118.0 19	97.0 18	87.0 17	83.0 14	69.0 12
1930	192.0 21	139.0 25	100.0 28	82.0 30	76.0 31	56.0 33	57.0 32	51.0 33	42.0 31
1931	151.0 26	145.0 24	139.0 23	128.0 23	113.0 22	91.0 23	74.0 23	62.0 26	50.0 24
1932	201.0 17	195.0 16	186.0 13	167.0 13	139.0 13	123.0 12	105.0 11	91.0 11	70.0 11
1933	213.0 14	204.0 11	187.0 10	169.0 11	155.0 10	112.0 13	88.0 16	74.0 18	57.0 20
1934	86.0 41	76.0 41	69.0 39	60.0 40	56.0 38	48.0 39	40.0 41	35.0 41	30.0 41
1935	234.0 10	214.0 9	185.0 14	163.0 14	136.0 14	107.0 14	94.0 14	80.0 15	60.0 15
1936	312.0 4	204.0 12	145.0 22	138.0 20	103.0 24	74.0 28	66.0 29	65.0 23	54.0 22
1937	199.0 18	197.0 15	189.0 9	168.0 12	153.0 11	135.0 9	117.0 9	98.0 10	72.0 10
1938	247.0 9	238.0 7	234.0 4	222.0 4	196.0 4	149.0 6	121.0 6	100.0 8	77.0 6
1939	80.0 44	76.0 42	71.0 38	67.0 37	63.0 35	54.0 36	45.0 38	39.0 39	33.0 37
1940	60.0 46	59.0 44	55.0 44	48.0 45	44.0 43	36.0 44	31.0 46	29.0 45	25.0 45
1941	288.0 6	276.0 3	262.0 2	243.0 2	231.0 2	218.0 1	183.0 1	151.0 1	109.0 1
1942	429.0 2	409.0 1	343.0 1	270.0 1	256.0 1	192.0 2	153.0 2	128.0 2	94.0 2
1943	111.0 33	77.0 40	56.0 43	43.0 46	40.0 46	36.0 45	35.0 42	35.0 42	32.0 39
1944	283.0 7	276.0 4	232.0 5	230.0 3	209.0 3	184.0 3	148.0 3	119.0 4	85.0 4
1945	108.0 34	105.0 31	92.0 33	81.0 31	78.0 30	73.0 30	67.0 28	61.0 27	48.0 26
1946	51.0 49	47.0 49	44.0 48	39.0 49	32.0 50	32.0 46	27.0 47	25.0 47	23.0 46
1947	193.0 20	183.0 19	157.0 18	132.0 21	117.0 20	106.0 15	97.0 13	84.0 13	66.0 13
1948	215.0 13	209.0 10	199.0 8	190.0 8	173.0 8	141.0 8	120.0 7	101.0 6	76.0 7
1949	210.0 16	198.0 13	186.0 11	175.0 9	151.0 12	133.0 10	117.0 8	100.0 7	74.0 8
1950	83.0 42	59.0 45	42.0 50	32.0 52	24.0 52	23.0 52	20.0 52	19.0 52	17.0 52
1951	630.0 1	263.0 5	124.0 25	77.0 33	61.0 37	46.0 40	44.0 39	38.0 40	29.0 42
1952	159.0 25	158.0 23	154.0 19	145.0 17	125.0 17	97.0 16	80.0 20	67.0 22	49.0 25
1953	90.0 39	86.0 38	79.0 36	74.0 34	73.0 32	56.0 34	48.0 35	42.0 37	32.0 40
1954	63.0 45	56.0 46	54.0 45	49.0 43	42.0 44	37.0 43	34.0 43	33.0 43	26.0 43
1955	125.0 32	113.0 29	103.0 27	97.0 26	92.0 26	74.0 29	60.0 31	52.0 32	39.0 33
1956	58.0 48	56.0 47	53.0 46	48.0 44	42.0 45	32.0 47	26.0 48	22.0 50	18.0 51
1957	218.0 12	215.0 8	212.0 7	196.0 7	181.0 5	153.0 5	145.0 4	122.0 3	88.0 3
1958	186.0 22	184.0 18	179.0 15	152.0 15	135.0 15	95.0 19	73.0 24	58.0 29	42.0 32
1959	94.0 38	92.0 37	84.0 34	70.0 35	64.0 34	55.0 35	49.0 34	46.0 34	36.0 34
1960	142.0 28	135.0 26	129.0 24	127.0 24	117.0 21	97.0 17	84.0 18	75.0 17	58.0 18
1961	102.0 35	101.0 33	99.0 29	96.0 27	90.0 27	78.0 26	68.0 27	63.0 24	55.0 21
1962	96.0 37	96.0 36	95.0 30	88.0 29	81.0 29	75.0 27	70.0 25	62.0 25	47.0 27
1963	42.0 52	38.0 52	34.0 52	33.0 51	29.0 51	25.0 51	24.0 50	24.0 48	23.0 47
1964	49.0 50	47.0 50	44.0 49	40.0 47	34.0 48	26.0 50	24.0 51	22.0 51	19.0 50
1965	182.0 23	166.0 21	151.0 21	130.0 22	109.0 23	92.0 22	82.0 19	71.0 19	57.0 19
1966	144.0 27	104.0 32	75.0 37	61.0 38	55.0 39	49.0 37	47.0 36	43.0 36	33.0 38
1967	87.0 40	79.0 39	68.0 40	59.0 41	53.0 40	48.0 38	47.0 37	45.0 35	35.0 35
1968	182.0 24	173.0 20	167.0 17	143.0 18	125.0 16	95.0 20	90.0 15	78.0 16	59.0 16
1969	131.0 31	105.0 30	93.0 31	81.0 32	69.0 33	68.0 31	64.0 30	57.0 30	45.0 30
1970	134.0 29	120.0 28	118.0 26	108.0 25	93.0 25	88.0 24	78.0 21	70.0 20	58.0 17
1971	59.0 47	56.0 48	50.0 47	49.0 42	46.0 42	38.0 42	34.0 44	30.0 44	25.0 44
1972	333.0 3	128.0 27	64.0 42	40.0 48	38.0 47	32.0 48	31.0 45	27.0 46	23.0 48
1973	305.0 5	282.0 2	256.0 3	208.0 6	178.0 6	155.0 4	130.0 5	109.0 5	78.0 5
1974	43.0 51	42.0 51	39.0 51	36.0 50	33.0 49	29.0 49	25.0 49	23.0 49	19.0 49
1975	100.0 36	99.0 34	93.0 32	91.0 28	86.0 28	81.0 25	70.0 26	60.0 28	46.0 28

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HUERFANO R AT MANZANARES XING, NR REDWING, CO.

YEAR	1	3	7	14	30	60	90	120	183
1925	9.00 35	9.00 33	9.00 31	9.00 27	9.00 23	9.50 24	10.00 26	11.00 25	12.00 19
1926	12.00 49	12.00 48	12.00 45	12.00 41	12.00 40	13.00 41	14.00 44	14.00 45	16.00 38
1927	10.00 45	10.00 44	10.00 39	10.00 35	10.00 33	10.00 30	10.00 27	11.00 26	12.00 20
1928	8.00 30	8.00 26	8.00 22	8.00 19	8.00 15	8.50 12	8.70 10	9.00 9	13.00 29
1929	9.00 36	9.00 34	9.00 32	9.00 28	9.10 27	9.50 25	9.70 19	11.00 27	15.00 35
1930	10.00 46	10.00 45	10.00 40	10.00 36	10.00 34	11.00 36	12.00 37	13.00 39	17.00 44
1931	5.00 8	5.00 6	5.00 3	5.00 3	5.00 3	6.00 3	6.30 3	6.70 4	9.30 6
1932	10.00 47	11.00 46	12.00 46	12.00 42	12.00 41	12.00 37	12.00 38	13.00 40	16.00 39
1933	9.00 37	9.00 35	9.00 33	9.00 29	9.00 24	9.00 16	9.30 14	9.50 12	11.00 12
1934	11.00 48	12.00 49	13.00 49	13.00 46	13.00 45	13.00 42	14.00 45	14.00 46	15.00 36
1935	7.00 21	7.00 15	7.30 16	7.80 18	9.00 25	9.00 17	9.30 15	9.70 14	11.00 13
1936	6.60 18	9.10 36	9.40 34	10.00 37	10.00 35	10.00 31	10.00 28	11.00 28	14.00 30
1937	4.00 2	4.70 3	5.90 6	7.20 11	7.50 7	9.30 20	11.00 33	11.00 29	16.00 40
1938	8.70 33	8.70 31	8.70 28	8.70 25	8.70 21	9.20 18	10.00 29	11.00 30	12.00 21
1939	10.00 38	10.00 37	10.00 35	10.00 38	10.00 36	13.00 43	13.00 39	13.00 41	16.00 41
1940	7.00 22	7.30 20	7.50 17	8.20 21	8.60 20	9.30 21	9.70 20	10.00 15	11.00 14
1941	4.80 5	5.00 7	5.20 4	5.70 4	7.20 5	8.80 14	10.00 21	10.00 16	12.00 22
1942	10.00 39	11.00 47	12.00 47	13.00 47	13.00 46	14.00 46	16.00 50	17.00 49	23.00 51
1943	9.00 34	10.00 38	11.00 41	13.00 48	14.00 48	15.00 49	16.00 51	17.00 50	17.00 45
1944	7.50 26	7.50 21	7.50 18	7.50 14	7.50 8	7.50 5	8.50 9	9.60 13	11.00 15
1945	13.00 50	14.00 50	14.00 50	14.00 50	14.00 49	14.00 47	14.00 46	15.00 47	17.00 46

07111000 HUERFANO RIVER AT MANZANARES CROSSING, NEAR REDWING, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HUERFANO R AT MANZANARES XING, NR REDWING, CO.

YEAR	1	3	7	14	30	60	90	120	183
1946	7.00 23	7.00 16	7.10 13	7.70 16	8.10 16	8.80 15	9.30 16	10.00 17	12.00 16
1947	6.00 14	6.70 13	7.10 14	7.80 17	8.50 19	9.70 26	10.00 22	12.00 35	13.00 23
1948	10.00 40	10.00 39	12.00 48	13.00 49	15.00 50	15.00 50	15.00 48	17.00 51	20.00 50
1949	14.00 51	14.00 51	14.00 51	15.00 51	15.00 51	15.00 51	15.00 49	16.00 48	17.00 47
1950	8.00 31	8.70 32	10.00 36	12.00 43	13.00 47	14.00 48	14.00 47	14.00 42	16.00 42
1951	5.60 10	6.00 10	6.50 9	7.10 9	7.70 12	8.50 13	8.80 11	9.20 11	9.90 9
1952	6.00 15	6.10 11	6.60 10	6.80 6	7.60 9	8.30 10	8.20 7	8.70 8	9.20 5
1953	10.00 41	10.00 40	11.00 42	12.00 44	12.00 42	13.00 44	13.00 40	13.00 36	14.00 31
1954	7.90 27	8.40 28	8.50 26	9.60 32	9.90 30	11.00 32	11.00 30	11.00 31	12.00 17
1955	7.40 25	7.60 24	7.60 19	7.60 15	7.60 10	8.10 8	8.20 8	8.50 7	9.40 7
1956	8.00 28	8.00 27	8.00 23	8.10 20	8.30 17	8.50 11	8.80 12	9.10 10	9.90 8
1957	5.50 9	5.70 8	5.80 5	5.80 5	6.00 4	6.20 4	6.40 4	6.60 3	6.70 1
1958	6.30 16	7.00 17	7.00 12	7.00 7	7.70 13	8.20 9	9.00 13	10.00 18	13.00 24
1959	5.80 11	5.90 9	6.40 8	7.40 12	7.70 14	9.40 22	9.60 17	10.00 19	12.00 18
1960	10.00 42	10.00 41	11.00 43	12.00 45	12.00 43	12.00 38	13.00 41	14.00 43	15.00 37
1961	8.50 32	8.50 29	8.50 27	8.50 23	8.50 18	9.20 19	9.70 18	10.00 20	13.00 25
1962	10.00 43	10.00 42	10.00 37	11.00 39	11.00 37	12.00 39	13.00 42	14.00 44	18.00 48
1963	4.40 3	4.40 1	4.40 1	4.40 1	4.40 1	5.30 2	5.70 2	6.50 2	10.00 10
1964	4.60 4	4.60 2	4.60 2	4.60 2	4.80 2	4.90 1	5.00 1	6.10 1	9.10 4
1965	7.00 24	7.50 22	8.20 24	9.00 26	9.40 29	10.00 27	10.00 23	10.00 21	11.00 11
1966	10.00 44	10.00 43	11.00 44	11.00 40	12.00 44	13.00 45	13.00 43	13.00 37	18.00 49
1967	4.90 6	4.90 4	6.20 7	7.00 8	7.40 6	7.60 6	7.70 5	8.10 5	8.70 2
1968	6.70 19	7.20 19	7.90 21	8.60 24	9.00 22	9.50 23	10.00 24	10.00 22	14.00 32
1969	6.90 20	7.80 25	8.80 29	9.20 30	11.00 38	12.00 40	12.00 34	12.00 32	14.00 33
1970	6.40 17	7.60 23	9.00 30	9.60 33	10.00 31	10.00 28	10.00 25	11.00 23	13.00 26
1971	5.00 7	6.30 12	8.40 25	9.40 31	10.00 32	11.00 33	12.00 35	13.00 38	17.00 43
1972	6.00 12	7.00 18	7.80 20	8.30 22	9.10 26	10.00 29	11.00 31	11.00 24	13.00 27
1973	6.00 13	6.90 14	7.20 15	7.40 13	9.20 28	11.00 34	12.00 36	12.00 33	13.00 28
1974	8.00 29	8.70 30	10.00 38	10.00 34	11.00 39	11.00 35	11.00 32	12.00 34	14.00 34
1975	3.50 1	4.90 5	6.80 11	7.20 10	7.60 11	7.80 7	7.90 6	8.10 6	8.90 3

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
19.2	15.3	12.1	10.4	11.0	13.1	23.6	71.4	87.0	50.5	37.9	24.7
46.4	23.1	12.3	8.48	6.98	12.8	130	1972	2617	809	420	171
6.81	4.81	3.51	2.91	2.64	3.58	11.4	44.4	51.2	28.4	20.5	13.1
0.91	1.06	0.53	0.28	0.06	0.70	1.39	1.45	0.70	1.04	1.83	1.24
0.35	0.31	0.29	0.28	0.24	0.27	0.48	0.62	0.59	0.56	0.54	0.53
5.11	4.07	3.23	2.77	2.92	3.49	6.26	19.0	23.1	13.4	10.1	6.57

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.26	1.17	1.07	1.00	1.03	1.10	1.33	1.78	1.86	1.63	1.52	1.34
0.02	0.02	0.02	0.02	0.01	0.01	0.03	0.07	0.08	0.07	0.05	0.05
0.15	0.13	0.13	0.13	0.11	0.12	0.19	0.26	0.28	0.26	0.22	0.22
-0.17	0.21	-0.43	-0.63	-0.52	0.10	0.55	0.06	-0.21	-0.38	-0.04	0.07
0.12	0.11	0.12	0.13	0.11	0.11	0.14	0.14	0.15	0.16	0.14	0.16
7.82	7.24	6.63	6.22	6.39	6.85	8.27	11.1	11.6	10.2	9.48	8.32

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
31.4	132	11.5	0.50	0.37	0.025

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.47	0.03	0.16	-0.19	0.11	-0.001

07112000 HUERFANO RIVER NEAR BADITO, COLO.

LOCATION.--Lat 37°43'40", long 105°01'05", in NW¼SE¼ sec.5, T.27 S., R.68 W., Huerfano County, 250 ft (76 m) upstream from South Oak Creek and 0.3 mi (0.5 km) west of Badito.

DRAINAGE AREA.--499 mi² (1,292 km²).

REMARKS.--Diversions above station for irrigation of about 15,400 acres (62.3 km²).

07112000 HUERFANO RIVER NEAR BADITO, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HUERFANO RIVER NEAR BADITO, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1942																2	1	17	29	69	107	42	22	9	7	8	4	7	6	11	10	13	1		
1943			3		2		2	3	3	5	1	4	1	3	13	9	40	43	78	73	65	13	3	1											
1944						3	4	1	5	6	1	7	12	6	20	17	33	65	57	51	9	7	14	3	7	11	11	4	8	2	2				
1945										6	6	13	20	35	21	11	12	53	61	67	30	8	10	3	3	1	1	2			1	1			
1946		14				2	2	2	1		5	13	20	17	32	34	55	68	51	36	4	5				2	1	1							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1826	100.0	12	3.6	53	1712	93.8	24	99	17	125	6.8
1	0.10	14	1826	100.0	13	4.8	61	1659	90.9	25	130	22	108	5.9
2	0.20	3	1812	99.2	14	6.3	86	1598	87.5	26	170	17	86	4.7
3	0.30	0	1809	99.1	15	8.3	73	1512	82.8	27	230	14	69	3.7
4	0.40	2	1809	99.1	16	11.0	141	1439	78.8	28	300	14	55	3.0
5	0.50	5	1807	99.0	17	14.0	246	1298	71.1	29	400	13	41	2.2
6	0.70	8	1802	98.7	18	19.0	276	1052	57.6	30	520	13	28	1.5
7	0.90	6	1794	98.2	19	25.0	296	776	42.5	31	690	14	15	.8
8	1.20	9	1788	97.9	20	33.0	215	480	26.3	32	910	1	1	
9	1.60	17	1779	97.4	21	43.0	75	265	14.5	33				
10	2.10	13	1762	96.5	22	57.0	49	190	10.4	34				
11	2.70	37	1749	95.8	23	75.0	16	141	7.7					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HUERFANO RIVER NEAR BADITO, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1942	984.0	1	854.0	1	810.0	1	719.0	1	685.0	1	479.0	1	348.0	1	272.0	1	191.0	1
1943	78.0	5	64.0	5	54.0	5	51.0	5	44.0	4	40.0	4	38.0	4	35.0	4	29.0	4
1944	645.0	3	518.0	2	430.0	2	341.0	2	275.0	2	188.0	2	137.0	2	109.0	2	75.0	2
1945	695.0	2	282.0	3	187.0	3	185.0	3	125.0	3	77.0	3	61.0	3	53.0	3	38.0	3
1946	270.0	4	163.0	4	120.0	4	64.0	4	39.0	5	25.0	5	21.0	5	20.0	5	18.0	5

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HUERFANO RIVER NEAR BADITO, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1943	7.60	4	8.40	4	9.00	4	11.00	4	15.00	4	20.00	4	24.00	4	26.00	4	29.00	4
1944	0.21	1	0.27	1	0.46	1	2.20	1	5.30	3	7.00	1	8.20	1	9.60	2	13.00	1
1945	0.51	2	0.94	2	2.00	2	2.40	2	4.70	1	7.60	3	9.50	3	12.00	3	15.00	2
1946	2.10	3	2.90	3	3.20	3	3.90	3	5.10	2	7.40	2	8.20	2	9.30	1	15.00	3

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
15.6	18.6	25.0	26.9	29.9	16.4	39.4	185	80.0	38.2	44.6	12.5
111	241	87.3	117	29.2	80.1	3498	75470	7168	500	1165	89.3
10.5	15.5	9.34	10.8	5.40	8.95	59.1	275	84.7	22.4	34.1	9.45
1.63	0.78	-0.05	0.26	-0.18	1.79	2.21	1.85	0.91	-0.43	1.51	1.03
0.68	0.83	0.37	0.40	0.18	0.55	1.50	1.48	1.06	0.58	0.77	0.75
2.93	3.50	4.69	5.06	5.62	3.08	7.39	34.8	15.0	7.18	8.37	2.35

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.13	1.14	1.37	1.40	1.47	1.17	1.30	1.83	1.66	1.50	1.55	0.98
0.07	0.14	0.03	0.03	0.01	0.04	0.25	0.49	0.28	0.11	0.11	0.15
0.26	0.38	0.17	0.18	0.08	0.20	0.50	0.70	0.53	0.33	0.33	0.39
1.13	0.43	-0.39	-0.14	-0.32	1.35	1.76	0.81	0.40	-0.85	0.13	-0.68
0.23	0.33	0.13	0.13	0.05	0.17	0.39	0.38	0.32	0.22	0.21	0.39
6.83	6.90	8.31	8.49	8.91	7.10	7.89	11.1	10.1	9.07	9.40	5.94

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
44.5	1543	39.3	1.84	0.88	-0.309

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.54	0.11	0.33	1.02	0.21	-0.238

07112500 HUERFANO RIVER AT BADITO, COLO.

LOCATION.--Lat 37°43'38", long 105°00'43", in sec.4, T.27 S., R.68 W., Huerfano County, on right bank at Badito, 460 ft (140 m) downstream from bridge on State Highway 69, 0.5 mi (0.8 km) downstream from South Oak Creek, and 15 mi (24 km) northwest of Walsenburg.

DRAINAGE AREA.--532 mi² (1,378 km²).

REMARKS.--Diversions above station for irrigation of about 15,800 acres (63.9 km²).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HUERFANO RIVER AT BADITO, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1924										6			4	15	7	9	20	27	92	36	31	33	13	13	9	9	19	7	15	1					
1925									8		4		1	7	72	86	45	44	40	33	8	5	5	3	1	1	2								
1939			1							1	2	1	5	9	20	33	33	36	25	51	50	62	30	2	1	1	1			1					
1940	5	5	3	3	1	2	2	5	9	6	11	19	24	20	33	39	41	46	40	36	11	2	1				1	1							
1941	14	3	3	2	3	1	4	10	10	12	7	7	8	17	23	17	7	10	11	54	14	35	7	5	13	14	9		8	18	11	7	1		
1947		3	7	4	1	7		1	3	2	5	4	15	33	23	22	20	41	21	44	19	16	12	8	10	11	19	3	4	3	2	1	1		
1948										2	3	7	5	4	18	21	25	22	13	34	52	28	34	37	25	11	10	6	9						
1949							2	1	1	1	6	9	16	15	28	30	52	41	40	35	19	15	22	10	5	8	7	1	1						
1950		1	1			1	1		4	13	12	13	22	24	30	36	55	55	51	25	14	4	2	1											
1951	13	4	19	12	9	7	12	16	25	17	27	15	33	25	24	22	28	25	21	8	1	1						1							
1952	11	6	9	3	9	7	11	14	17	25	21	27	17	23	26	14	16	18	15	11	14	12	12	5	4	8	11								
1953	1	2	5	7	6	8	9	6	16	13	14	26	36	42	26	43	20	26	28	11	8	3	2	1	2	3	1								
1954	1	2	3		8	2	10	17	25	29	34	28	22	45	33	19	19	16	16	14	16	4					1	1							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	45	4749	100.0	12	3.0	208	3856	81.2	24	68	70	320	6.7
1	0.10	26	4704	99.1	13	3.8	279	3648	76.8	25	88	66	250	5.2
2	0.20	51	4678	98.5	14	5.0	363	3369	70.9	26	110	81	184	3.8
3	0.30	31	4627	97.4	15	6.5	391	3006	63.3	27	150	20	103	2.1
4	0.40	37	4596	96.8	16	8.4	381	2615	55.1	28	190	37	83	1.7
5	0.50	35	4559	96.0	17	11.0	407	2234	47.0	29	250	23	46	.9
6	0.60	51	4524	95.3	18	14.0	413	1827	38.5	30	320	13	23	.4
7	0.80	70	4473	94.2	19	18.0	392	1414	29.8	31	420	8	10	.2
8	1.00	118	4403	92.7	20	24.0	257	1022	21.5	32	540	2	2	
9	1.40	127	4285	90.2	21	31.0	220	765	16.1	33				
10	1.80	146	4158	87.6	22	40.0	140	545	11.5	34				
11	2.30	156	4012	84.5	23	52.0	85	405	8.5					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HUERFANO RIVER AT BADITO, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1924	256.0	4	247.0	3	228.0	3	205.0	2	176.0	2	138.0	2	107.0	2	87.0	2	65.0	3
1925	142.0	10	96.0	8	68.0	8	46.0	8	32.0	8	27.0	8	23.0	8	22.0	8	17.0	8
1939	275.0	3	149.0	6	97.0	7	49.0	7	35.0	7	34.0	7	33.0	7	32.0	7	29.0	6
1940	155.0	9	60.0	12	31.0	12	23.0	12	21.0	12	16.0	12	14.0	12	14.0	12	12.0	12
1941	605.0	1	544.0	1	495.0	1	418.0	1	353.0	1	273.0	1	209.0	1	166.0	1	114.0	1
1947	544.0	2	481.0	2	342.0	2	203.0	3	143.0	4	122.0	3	102.0	3	83.0	3	61.0	4
1948	238.0	5	229.0	4	225.0	4	200.0	4	151.0	3	112.0	4	96.0	4	82.0	4	66.0	2
1949	238.0	6	175.0	5	147.0	5	111.0	6	81.0	6	68.0	5	55.0	5	45.0	5	33.0	5
1950	53.0	13	31.0	13	29.0	13	27.0	11	22.0	11	19.0	11	15.0	11	15.0	11	14.0	9
1951	181.0	8	77.0	10	38.0	11	21.0	13	13.0	13	13.0	13	11.0	13	9.4	13	8.4	13
1952	134.0	12	130.0	7	126.0	6	116.0	5	95.0	5	64.0	6	49.0	6	38.0	6	28.0	7
1953	136.0	11	88.0	9	47.0	9	28.0	10	25.0	10	20.0	10	20.0	9	18.0	9	13.0	10
1954	188.0	7	76.0	11	42.0	10	35.0	9	29.0	9	21.0	9	17.0	10	15.0	10	12.0	11

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HUERFANO RIVER AT BADITO, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1924	0.00	1	0.00	1	6.90	12	8.80	12	14.00	12	15.00	11	17.00	11	18.00	11	21.00	11
1925	1.00	10	1.00	9	1.40	7	3.10	10	4.10	7	5.40	7	6.30	7	7.30	7	7.70	6
1939	1.20	11	1.90	11	2.50	10	2.70	8	11.00	11	17.00	12	23.00	12	26.00	12	27.00	12
1940	0.21	7	0.54	7	0.92	6	1.80	6	2.70	6	2.90	6	3.90	5	5.50	5	7.10	5
1941	0.00	2	0.00	2	0.03	3	0.11	1	0.31	2	1.50	3	2.90	4	6.00	6	7.80	7
1948	1.50	12	2.20	12	2.60	11	3.00	9	6.40	10	7.50	10	12.00	10	14.00	10	19.00	10
1949	0.61	8	0.67	8	2.30	9	2.60	7	4.50	8	6.60	8	8.70	9	9.70	9	9.80	8
1950	0.71	9	1.10	10	2.00	8	3.70	11	5.50	9	7.30	9	8.20	8	9.40	8	11.00	9
1951	0.00	3	0.00	3	0.02	1	0.15	2	0.30	1	0.49	1	0.64	1	0.99	1	2.40	3
1952	0.00	4	0.00	4	0.03	2	0.19	3	0.71	5	1.50	4	1.50	2	1.80	2	2.00	1
1953	0.00	5	0.07	5	0.14	4	0.21	4	0.37	3	1.90	5	4.10	6	4.60	4	4.40	4
1954	0.00	6	0.07	6	0.33	5	0.45	5	0.67	4	1.20	2	1.50	3	1.90	3	2.40	2

07112500 HUERFANO RIVER AT BADITO, COLO.--Continued

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
6.44	9.36	10.5	12.7	13.7	11.7	19.1	68.2	60.8	27.8	18.4	9.39
36.0	77.8	71.8	77.0	125	159	556	7294	4096	628	87.6	49.2
6.00	8.82	8.47	8.77	11.2	12.6	23.6	85.4	64.0	25.1	9.36	7.02
1.31	0.98	1.44	1.41	1.06	1.35	2.22	1.78	2.00	1.24	0.52	1.06
0.93	0.94	0.81	0.69	0.82	1.08	1.24	1.25	1.05	0.90	0.51	0.75
2.40	3.49	3.91	4.74	5.11	4.36	7.11	25.4	22.7	10.4	6.85	3.51

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.57	0.75	0.86	1.01	0.97	0.81	1.09	1.53	1.59	1.28	1.21	0.85
0.28	0.25	0.18	0.09	0.18	0.29	0.14	0.29	0.18	0.16	0.05	0.14
0.53	0.50	0.43	0.30	0.43	0.54	0.37	0.53	0.42	0.40	0.23	0.37
-0.43	-0.31	-0.77	-0.17	-0.54	-0.57	1.27	0.50	0.43	0.17	-0.12	-0.38
0.93	0.68	0.50	0.30	0.44	0.66	0.34	0.35	0.26	0.32	0.19	0.44
4.58	5.95	6.89	8.07	7.78	6.50	8.70	12.2	12.7	10.2	9.65	6.75

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
22.4	293	17.1	1.14	0.77	0.229

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.23	0.11	0.33	0.20	0.27	0.315

07113000 HUERFANO RIVER AT HUERFANO, COLO.

LOCATION.--Lat 37°48'45", long 104°44'39", in NW¼SE¼ sec.2, T.26 S., R.66 W., Huerfano County, 200 ft (61 m) downstream from store at Huerfano (destroyed), 0.9 mi (1.4 km) south of Lascar, and 1.9 mi (3.1 km) upstream from Apache Creek.

DRAINAGE AREA.--717 mi^2 (1,857 km^2).

REMARKS.--Diversions above station for irrigation of about 17,000 acres (68.8 km^2).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HUERFANO RIVER AT HUERFANO, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1925	138	2	1	1	1	2	47	3	5	43	34	35	1	5	4	4	3	1	5		1	1	4	4	5	5	3	1	3	1	1			1	
1926	70						3			17		13		16	113	35	19	4	5	9	4	3	6	7	10	6	11	1	4	1	3	4		1	
1927	74						36			6		16		13	45	2	38	65	4	7	14	12	11	5	2	1	3	1	1		1	4	1	1	2
1928	52						23			15		10		4	49	1	47	105	9	6	11	5	1	6	5	1	2	2	2	3	1	4	2		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	334	1461	100.0	12	3.2	1	814	55.7	24	44	22	100	6.8
1	0.30	2	1127	77.1	13	4.0	38	813	55.6	25	54	13	78	5.3
2	0.40	1	1125	77.0	14	5.0	211	775	53.0	26	67	19	65	4.4
3	0.50	1	1124	76.9	15	6.2	42	564	38.6	27	83	5	46	3.1
4	0.60	1	1123	76.9	16	7.7	107	522	35.7	28	100	10	41	2.8
5	0.70	2	1122	76.8	17	9.6	175	415	28.4	29	130	5	31	2.1
6	0.90	109	1120	76.7	18	12.0	23	240	16.4	30	160	6	26	1.7
7	1.10	3	1011	69.2	19	15.0	22	217	14.9	31	200	12	20	1.3
8	1.40	5	1008	69.0	20	18.0	30	195	13.3	32	250	3	8	.5
9	1.70	81	1003	68.7	21	23.0	21	165	11.3	33	310	3	5	.3
10	2.10	34	922	63.1	22	28.0	22	144	9.9	34	380	2	2	.1
11	2.60	74	888	60.8	23	35.0	22	122	8.4					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HUERFANO RIVER AT HUERFANO, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1925	359.0	2	183.0	4	108.0	4	84.0	4	62.0	4	36.0	4	26.0	4	20.0	4	13.0	4
1926	314.0	3	222.0	3	157.0	3	130.0	3	97.0	2	77.0	1	55.0	1	42.0	1	30.0	1
1927	1200.0	1	547.0	1	338.0	1	220.0	1	130.0	1	73.0	2	53.0	2	41.0	2	28.0	2
1928	275.0	4	251.0	2	208.0	2	153.0	2	88.0	3	48.0	3	39.0	3	32.0	3	22.0	3

07113000 HUERFANO RIVER AT HUERFANO, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HUERFANO RIVER AT HUERFANO, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1925	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.21	1	0.65	1	1.30	1
1926	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.82	2	0.70	2	3.90	2	4.80	2
1927	0.00	3	0.00	3	0.00	3	0.00	3	0.07	3	0.85	3	1.60	3	4.00	3	5.00	3
1928	0.00	4	0.00	4	0.00	4	0.21	4	0.53	4	1.40	4	2.80	4	8.60	4	8.30	4

07113500 HUERFANO RIVER NEAR MUSTANG, COLO.

LOCATION.--Lat 37°51'17", long 104°42'00", in SW¼ sec.20, T.25 S., R.65 W., Huerfano County, 2.2 mi (3.5 km) downstream from Apache Creek and 2.5 mi (4.0 km) southwest of Mustang.

DRAINAGE AREA.--803 mi² (2,080 km²).

REMARKS.--Diversions above station for irrigation of about 20,000 acres (80.9 km²).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HUERFANO RIVER NEAR MUSTANG, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1943	5	12	30	16	32	2	6	5	10	4	7	20	8	17	17	16	12	25	35	66	18	1					1								
1944	17	18	17	5	11	1	1	2	18	7	8	27	24	22	17	10	4	28	29	23	12	7	6	13	7	5	11	15	1						
1945	2	25	36	16	13	12	4	9	5	8	16	16	9	25	26	12	19	47	[illegible]	13	6	5	5	4		3	2				1	1			
1946	7	31	41	3	23	22	3	10	20	3	3	16	17	33	18	17	13	14	[illegible]	9	14	6	8	3		3						1			
1947			15		13	10	5	16	26	9	33	29	22	29	13	7	17	18	31	16	3	11	4	13	14	7	2		1			1			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	31	1826	100.0	12	4.5	80	1045	57.2	24	150	21	76	4.1
1	0.10	86	1795	98.3	13	6.0	126	965	52.8	25	200	18	55	3.0
2	0.20	139	1709	93.6	14	8.1	91	839	45.9	26	270	16	37	2.0
3	0.30	40	1570	86.0	15	11.0	62	748	41.0	27	360	15	21	1.1
4	0.40	92	1530	83.8	16	14.0	65	686	37.6	28	480	2	6	.3
5	0.60	47	1438	78.8	17	19.0	132	621	34.0	29	650		4	.2
6	0.80	19	1391	76.2	18	26.0	147	489	26.8	30	870	1	4	.2
7	1.00	42	1372	75.1	19	35.0	127	342	18.7	31	1200	3	3	.1
8	1.40	79	1330	72.8	20	47.0	53	215	11.8	32	1600			
9	1.90	31	1251	68.5	21	62.0	30	162	8.9	33				
10	2.50	67	1220	66.8	22	84.0	23	132	7.2	34				
11	3.30	108	1153	63.1	23	110.0	33	109	6.0					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HUERFANO RIVER NEAR MUSTANG, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1943	317.0	5	122.0	5	58.0	5	54.0	5	47.0	5	41.0	5	41.0	4	38.0	4	31.0	4
1944	494.0	4	435.0	4	423.0	1	405.0	1	364.0	1	224.0	1	171.0	1	135.0	1	100.0	1
1945	1560.0	1	855.0	1	412.0	2	270.0	2	172.0	2	97.0	3	66.0	3	52.0	3	36.0	3
1946	1350.0	2	573.0	3	319.0	4	153.0	4	81.0	4	48.0	4	36.0	5	29.0	5	21.0	5
1947	1290.0	3	723.0	2	386.0	3	257.0	3	162.0	3	149.0	2	115.0	2	90.0	2	62.0	2

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HUERFANO RIVER NEAR MUSTANG, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1943	1.70	5	2.30	5	3.50	5	4.40	5	10.00	5	20.00	5	24.00	5	28.00	5	31.00	5
1944	0.00	1	0.04	4	0.04	2	0.14	4	0.25	4	0.30	1	1.20	3	2.50	2	3.30	1
1945	0.00	2	0.00	1	0.02	1	0.04	1	0.14	1	1.00	3	0.90	1	1.10	1	7.70	3
1946	0.00	3	0.04	2	0.07	3	0.12	3	0.17	3	4.60	4	6.70	4	7.90	4	20.00	4
1947	0.00	4	0.04	3	0.07	4	0.10	2	0.14	2	0.42	2	1.00	2	4.30	3	6.50	2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
6.80	14.2	17.9	25.5	32.9	10.6	16.2	87.1	60.3	26.4	53.3	1.54
64.6	178	201	173	483	26.0	331	13240	6880	504	5017	3.96
8.04	13.3	14.2	13.2	22.0	5.10	18.2	115	82.9	22.4	70.8	1.99
1.35	0.72	1.14	-1.02	-0.10	-1.17	1.66	1.00	0.71	0.32	1.39	1.98
1.18	0.94	0.79	0.52	0.67	0.48	1.12	1.32	1.38	0.85	1.33	1.29
1.93	4.02	5.06	7.23	9.33	3.00	4.61	24.7	17.1	7.48	15.1	0.44

07113500 HUERFANO RIVER NEAR MUSTANG, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.56	0.94	1.14	1.32	1.38	0.95	0.98	1.34	0.58	1.06	1.26	-0.10
0.31	0.28	0.13	0.14	0.21	0.11	0.28	0.91	2.12	0.83	0.63	0.33
0.56	0.52	0.36	0.37	0.46	0.33	0.53	0.95	1.46	0.91	0.79	0.57
0.62	-0.37	-0.01	-1.95	-1.44	-1.97	0.00	0.01	0.57	-1.83	0.07	0.24
1.00	0.56	0.32	0.28	0.33	0.35	0.54	0.71	2.49	0.86	0.63	-5.88
4.87	8.25	9.96	11.6	12.1	8.33	8.57	11.7	5.13	9.28	11.1	-0.85

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
29.4	202	14.2	1.25	0.48	-0.517

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.43	0.04	0.20	0.78	0.14	-0.566

07114000 CUCHARAS RIVER AT BOYD RANCH, NEAR LA VETA, COLO.

LOCATION.--Lat 37°25'12", long 105°03'08", in SE¼NE¼SE¼ sec.24, T.30 S., R.69 W., Huerfano County, on left bank at Boyd Ranch, 29 ft (9 m) downstream from private bridge, 1.4 mi (2.3 km) downstream from Chaparral Creek, and 6.5 mi (10.5 km) southwest of La Veta.

DRAINAGE AREA.--56 mi² (145 km²).

REMARKS.--Diversions for irrigation of about 500 acres (2.02 km²) above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CUCHARAS RIVER AT BOYD RANCH, NEAR LA VETA, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1935		30		4		9	100		49	8	2	3	21	10	10	21	16	14	9	7	6	6	3	5	5	13	9	1	3	1					
1936								1	7	95	63	27	36	24	25	20	13	16	3	9	4	5	2	2	3	1	2	3	1	1	1	2			
1937									5	29	33	41	61	26	37	25	10	2	5	4	2	8	9	15	11	4	8	5	7	9	6	1	2		
1938					4	6	10	15	25	45	38	11	25	22	26	23	11	9	9	9	5	14	12	8	11	5	10	5	5	2					
1939						1		4	7	31	44	28	66	48	18	16	17	16	11	4	9	4	14	24	3										
1940						18	13	38	54	38	45	9	15	18	12	14	14	11	7	10	14	17	4	3	8	4									
1941							1	7	14	52	60	17	31	15	15	13	12	15	10	4	4	4	9	4	12	5	7	13	6	9	9	11	6		
1942							2	1	10	10	68	23	38	27	21	26	19	9	5	8	5	2	9	6	4	3	7	8	9	14	8	13	7	3	
1943									12	46	96	36	55	27	25	9	8	7	18	14	9	2	1												
1944							3	15	89	63	22	11	10	16	27	8	6	5	7	5	2	3	9	10	3	5	7	5	11	11	4	5	4		
1945								1	3	26	70	33	47	20	19	5	14	15	32	10	5	4	8	9	13	9	20	2							
1946							6	23	30	53	39	30	40	26	31	19	17	14	12	10	14	1													
1947							1	14	43	36	29	19	28	16	10	17	32	16	5	12	6	13	6	1	10	4	13	4	6	14	6	2	2		
1948								3	12	48	70	34	50	15	11	7	23	6	6	8	6	10	11	9	7	4	11	2	7	2	2	2			
1949						1	1	1	88	63	14	8	28	3	27	9	8	9	6	14	5	13	19	9	18	7	9	4	1						
1950		1	7	8	14	13	15	12	39	130	74	23	20	6	3																				
1951				6	28	59	37	52	26	20	17	11	28	9	25	7	17	11	12																
1952							38	38	42	42	28	10	18	17	10	12	11	14	7	6	3	6	8	11	7	5	7	4	1	8	9		4		
1953					3	8	10	1	48	102	86	9	8	16	12		32	10	20																
1954						7	12	86	79	49	17	9	12	12	15	12	11	9	11	11	6	3	4												
1955			1			10	70	64	19	12	18		1	3	13	23	20	19	10	22	6	4	1	8	3	4	6	7	3	5		2	6	4	1
1956					7	12	9	10	12	58	44	31	94	27	21	4	12	6	11	6	2														
1957				2	9	32	64	20	46	5	4	1	6	3	14	5	8	10	11	13	7	16	12	4	2	6	15	12	6	10	6	11	4	1	
1958								3	6	48	55	19	25	17	62	19	24	13	17	8	1	8	2	1		6	14	4	5	8					
1959								3	47	74	81	21	22	9	3	5	15	7	11	4	3	12	23	18	3	4									
1960									4	56	95	9	40	3	38	12	11	9	13	12	11	6	24	19	3	1									
1961										69	33	33	34	7	7	5	30	18	20	13	10	9	6	4	12	14	22	13	6						
1962										9	24	7	105	6	65	34	24	4	6	3	9	3	17	13	9	6	8	6	6	1					
1963			5	10	12	18	20	24	39	103	81	35	8	6	4																				
1964						2	46	69	53	39	16	8	13	13	17	13	7	15	12	12	9	15	5	2											
1965						2	8	8	47	76	36	6	21	18	17	7	10	26	14	9	16	17	14	3	4	4	2								
1966								1	13	68	100	42	25	23	18	18	35	15	4	1	1		1												
1967							2	46	117	115	23	18	6	10	14	9	5																		
1968							32	66	43	36	2	5	12	18	6	12	21	14	19	9	4	15	8	7	10	11	16								
1969							2	9	36	61	29	37	26	19	26	25	23	15	3	15	3	24	10	2											
1970					1	2	30	12	31	54	39	17	32	18	17	17	6	6	10	6	10	2	21	14	5	7	8								
1971				1	1	2	11	11	30	48	48	51	50	29	24	8	8	2	8	32	1														
1972					3	15	15	35	49	94	69	36	22	9	12	7																			
1973				2	11	20	48	32	55	26		5	19	7	13	7	14	10	5	6	5	7	4	3	4	5	15	15	10	5	7	4	1		
1974							1	9	64	89	44	7	25	28	26	9	17	19	20	6	1														
1975						1	5	40	90	23	24	8	20	15	12	10	12	15	10	13	9	9	20	4	11	13	1								

07114000 CUCHARAS RIVER AT BOYD RANCH, NEAR LA VETA, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CUCHARAS RIVER AT BOYD RANCH, NEAR LA VETA, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	14975	100.0	12	11.0	1243	6981	46.6	24	74	181	1010	6.7
1	2.00	31	14975	100.0	13	13.0	661	5738	38.3	25	87	150	829	5.5
2	2.30	13	14944	99.8	14	15.0	808	5077	33.9	26	100	217	679	4.5
3	2.70	33	14931	99.7	15	18.0	512	4269	28.5	27	120	113	462	3.0
4	3.20	94	14898	99.5	16	21.0	593	3757	25.1	28	140	93	349	2.3
5	3.80	238	14804	98.9	17	25.0	431	3164	21.1	29	160	100	256	1.7
6	4.40	611	14566	97.3	18	29.0	399	2733	18.3	30	190	58	156	1.0
7	5.10	774	13955	93.2	19	34.0	335	2334	15.6	31	220	53	98	.6
8	6.00	1483	13181	88.0	20	40.0	213	1999	13.3	32	260	36	45	.3
9	7.00	2149	11698	78.1	21	46.0	262	1786	11.9	33	310	8	9	
10	8.20	1780	9549	63.8	22	54.0	296	1524	10.2	34	360	1	1	
11	9.60	788	7769	51.9	23	64.0	218	1228	8.2					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CUCHARAS RIVER AT BOYD RANCH, NEAR LA VETA, CO.

YEAR	1	3	7	15	30	60	90	120	183
1935	170.0 13	160.0 14	142.0 15	121.0 16	107.0 15	78.0 18	61.0 18	51.0 18	37.0 19
1936	253.0 10	237.0 10	187.0 11	137.0 13	91.0 19	59.0 22	45.0 25	38.0 25	29.0 25
1937	272.0 8	257.0 8	205.0 9	186.0 8	176.0 8	128.0 9	107.0 7	86.0 7	61.0 8
1938	170.0 14	163.0 13	152.0 13	126.0 15	116.0 13	91.0 14	75.0 13	62.0 12	46.0 12
1939	74.0 26	74.0 26	70.0 26	68.0 26	67.0 22	58.0 23	48.0 24	40.0 24	31.0 24
1940	92.0 24	90.0 24	87.0 23	80.0 22	66.0 26	54.0 26	44.0 26	37.0 26	28.0 26
1941	275.0 7	270.0 7	263.0 4	242.0 4	226.0 2	181.0 2	146.0 2	118.0 2	84.0 3
1942	358.0 2	331.0 2	285.0 2	254.0 3	243.0 1	206.0 1	164.0 1	131.0 1	92.0 1
1943	55.0 31	49.0 30	47.0 30	44.0 30	38.0 30	33.0 29	27.0 31	24.0 30	19.0 30
1944	290.0 5	273.0 4	247.0 5	213.0 6	199.0 5	153.0 4	118.0 4	93.0 5	66.0 6
1945	122.0 18	119.0 18	117.0 18	112.0 17	106.0 16	90.0 15	72.0 15	61.0 13	46.0 13
1946	47.0 32	44.0 32	41.0 31	41.0 31	38.0 31	32.0 30	28.0 29	25.0 29	20.0 29
1947	298.0 4	273.0 5	238.0 7	205.0 7	182.0 7	143.0 6	113.0 6	92.0 6	67.0 4
1948	252.0 11	231.0 11	197.0 10	171.0 10	139.0 10	102.0 11	81.0 11	66.0 11	48.0 11
1949	140.0 17	135.0 17	124.0 17	111.0 18	95.0 18	82.0 17	72.0 16	61.0 14	45.0 14
1950	16.0 40	15.0 40	13.0 41	13.0 40	11.0 40	9.6 41	9.0 41	8.6 41	8.5 41
1951	33.0 36	31.0 37	31.0 37	28.0 37	27.0 36	23.0 36	20.0 36	18.0 37	14.0 37
1952	278.0 6	278.0 3	247.0 6	223.0 5	184.0 6	131.0 8	100.0 9	81.0 9	57.0 10
1953	32.0 37	32.0 36	32.0 36	31.0 35	29.0 34	26.0 34	22.0 34	19.0 35	15.0 35
1954	58.0 29	57.0 29	52.0 29	45.0 29	40.0 29	32.0 31	27.0 30	23.0 31	18.0 31
1955	373.0 1	345.0 1	306.0 1	278.0 1	209.0 4	139.0 7	103.0 8	85.0 8	61.0 7
1956	45.0 33	41.0 33	36.0 34	35.0 33	29.0 35	24.0 35	20.0 37	18.0 36	14.0 36
1957	320.0 3	271.0 6	267.0 3	256.0 2	222.0 3	175.0 3	142.0 3	117.0 3	85.0 2
1958	186.0 12	184.0 12	179.0 12	152.0 11	135.0 11	95.0 12	73.0 14	58.0 17	42.0 17
1959	97.0 23	92.0 23	86.0 24	75.0 24	67.0 23	63.0 21	52.0 21	43.0 22	32.0 23
1960	89.0 25	84.0 25	77.0 25	70.0 25	67.0 24	58.0 24	51.0 22	44.0 21	34.0 21
1961	144.0 16	142.0 16	141.0 16	137.0 12	125.0 12	110.0 10	92.0 10	78.0 10	60.0 9
1962	160.0 15	154.0 15	150.0 14	127.0 14	115.0 14	91.0 13	75.0 12	61.0 15	45.0 15
1963	16.0 41	15.0 41	14.0 40	13.0 41	11.0 41	9.8 40	9.5 40	9.0 40	8.6 40
1964	72.0 27	68.0 27	63.0 27	57.0 27	51.0 28	41.0 28	35.0 28	30.0 28	23.0 28
1965	107.0 21	102.0 21	94.0 22	80.0 23	67.0 25	56.0 25	48.0 23	42.0 23	32.0 22
1966	58.0 30	45.0 31	36.0 35	30.0 36	24.0 37	22.0 37	21.0 35	20.0 34	16.0 34
1967	22.0 38	22.0 38	21.0 38	20.0 38	18.0 38	14.0 38	12.0 38	11.0 38	9.6 38
1968	119.0 19	118.0 19	116.0 19	110.0 19	101.0 17	83.0 16	67.0 17	58.0 16	43.0 16
1969	64.0 28	64.0 28	60.0 28	56.0 28	54.0 27	46.0 27	38.0 27	34.0 27	27.0 27
1970	113.0 20	111.0 20	108.0 20	100.0 20	85.0 20	72.0 19	59.0 19	49.0 19	36.0 20
1971	40.0 34	39.0 34	39.0 32	38.0 32	37.0 32	31.0 32	26.0 32	23.0 32	18.0 32
1972	19.0 39	18.0 39	18.0 39	17.0 39	15.0 39	13.0 39	12.0 39	11.0 39	9.5 39
1973	265.0 9	242.0 9	222.0 8	184.0 9	174.0 9	146.0 5	116.0 5	94.0 4	66.0 5
1974	40.0 35	38.0 35	36.0 33	34.0 34	32.0 33	28.0 33	25.0 33	22.0 33	18.0 33
1975	100.0 22	97.0 22	95.0 21	90.0 21	84.0 21	69.0 20	57.0 20	49.0 20	37.0 18

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CUCHARAS RIVER AT BOYD RANCH, NEAR LA VETA, CO.

YEAR	1	3	7	14	30	60	90	120	183
1936	5.00 21	5.00 17	5.00 15	5.40 15	7.00 28	7.30 26	7.60 25	7.80 26	8.60 28
1937	5.40 28	5.80 27	6.10 27	7.30 36	8.50 39	9.10 39	9.60 39	10.00 39	12.00 38
1938	3.20 7	3.50 5	3.90 5	4.80 10	6.50 23	7.30 27	7.90 28	8.00 27	8.10 21
1939	6.20 35	6.50 35	7.00 36	7.10 34	8.20 36	8.40 35	9.40 38	9.90 37	11.00 36
1940	3.80 13	3.90 9	4.10 8	4.70 8	5.10 9	5.20 7	5.60 7	5.90 7	6.40 10
1941	5.00 22	5.40 24	6.00 24	6.30 25	7.20 29	8.20 34	8.40 31	8.40 30	8.50 27
1942	5.00 23	5.20 21	5.90 21	6.20 23	7.30 30	8.10 32	8.50 32	9.00 33	12.00 37
1943	6.00 32	7.20 39	7.40 39	8.00 38	8.30 37	8.80 37	9.00 36	9.20 35	9.60 33
1944	4.70 18	5.00 18	5.90 22	5.90 20	6.40 20	6.50 17	6.60 14	6.70 13	6.70 11
1945	5.10 26	6.20 30	7.10 37	8.10 39	8.40 38	8.80 38	9.10 37	9.40 36	9.70 34
1946	4.60 16	4.70 13	4.90 13	5.20 14	5.30 10	6.20 13	6.60 15	7.50 20	8.40 26
1947	5.00 24	5.30 22	5.50 18	5.80 19	6.00 16	6.40 15	7.10 21	7.70 23	8.20 22
1948	5.50 29	5.80 28	6.10 25	6.70 30	7.30 31	8.70 36	8.80 34	9.00 34	9.40 32
1949	5.60 30	6.40 33	6.60 32	6.60 29	6.60 25	6.70 20	6.90 18	7.00 16	7.60 16
1950	3.50 11	4.80 14	6.10 26	6.50 28	6.80 26	7.20 25	7.70 26	7.70 24	8.20 23

07114000 CUCHARAS RIVER AT BOYD RANCH, NEAR LA VETA, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CUCHARAS RIVER AT BOYD RANCH, NEAR LA VETA, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1951	2.00	1	2.40	1	2.80	2	3.00	1	3.20	1	3.50	1	3.70	1	4.00	1	4.00	1
1952	3.70	12	3.90	10	4.60	11	4.70	9	5.00	8	5.70	9	5.80	8	6.00	8	6.20	8
1953	6.20	36	6.20	31	6.20	28	6.30	24	6.50	24	7.00	23	7.40	23	7.60	21	7.90	18
1954	3.40	8	3.50	6	4.00	6	4.20	5	4.40	5	5.40	8	5.80	9	6.00	9	5.90	6
1955	2.60	2	3.50	7	4.10	7	4.50	6	4.60	6	4.70	5	4.90	4	5.00	5	5.20	5
1956	5.20	27	6.00	29	6.80	33	7.20	35	7.40	33	7.70	29	8.60	33	8.70	31	9.70	35
1957	3.10	6	3.20	4	3.60	4	3.70	4	3.80	3	4.40	3	4.50	2	4.60	2	4.90	2
1958	7.00	39	7.00	38	7.00	34	7.00	32	7.70	34	8.20	33	9.00	35	10.00	38	13.00	39
1959	5.60	31	5.60	26	6.30	29	6.40	26	6.40	21	7.00	24	7.40	24	7.70	25	7.90	19
1960	6.40	37	6.80	37	7.00	35	7.00	33	7.00	27	7.70	30	8.00	29	8.20	29	8.80	30
1961	6.10	33	6.60	36	7.30	38	7.40	37	8.00	35	8.00	31	8.20	30	8.80	32	9.10	31
1962	11.00	40	12.00	40	12.00	40	12.00	40	12.00	40	12.00	40	13.00	40	13.00	40	14.00	40
1963	6.50	38	6.50	34	6.50	31	6.50	27	6.50	22	6.80	22	7.20	22	7.60	22	8.10	20
1964	2.60	3	2.60	2	2.70	1	3.00	2	3.30	2	4.10	2	4.50	3	4.70	3	5.10	3
1965	3.90	14	4.30	12	4.50	9	4.70	7	5.70	13	6.40	16	7.00	20	7.20	18	7.10	13
1966	6.10	34	6.40	32	6.40	30	6.80	31	7.30	32	7.40	28	7.80	27	8.10	28	8.70	29
1967	5.00	25	5.40	25	5.60	19	5.70	18	5.80	14	6.00	10	6.20	11	6.40	11	6.80	12
1968	4.60	17	5.00	19	5.00	14	5.00	11	5.00	7	5.20	6	5.30	6	5.50	6	6.00	7
1969	4.90	19	5.20	20	5.60	20	6.00	21	6.10	17	6.70	21	6.90	19	7.10	17	8.20	24
1970	3.50	9	4.00	11	4.50	10	5.00	12	5.60	11	6.10	12	6.30	12	6.40	12	7.50	14
1971	3.00	4	3.70	8	4.90	12	5.10	13	5.60	12	6.30	14	6.60	13	7.50	19	8.40	25
1972	3.50	10	4.80	15	5.30	16	5.60	16	6.10	18	6.60	18	6.70	16	6.80	14	7.50	15
1973	3.00	5	3.20	3	3.50	3	3.60	3	4.00	4	4.70	4	5.10	5	5.00	4	5.20	4
1974	5.00	20	5.30	23	6.00	23	6.10	22	6.30	19	6.60	19	6.70	17	6.90	15	7.80	17
1975	4.00	15	4.80	16	5.50	17	5.70	17	5.80	15	6.00	11	6.00	10	6.00	10	6.40	9

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
9.40	8.78	7.70	7.18	7.37	8.99	24.2	74.5	69.9	28.7	16.5	10.5
13.3	9.17	5.19	2.94	3.81	6.54	304	3072	2536	342	75.3	19.7
3.65	3.03	2.28	1.71	1.95	2.56	17.4	55.4	50.4	18.5	8.68	4.44
1.13	1.37	0.72	0.48	2.21	1.07	2.22	1.00	0.98	1.47	1.01	0.96
0.39	0.34	0.30	0.24	0.27	0.28	0.72	0.74	0.72	0.65	0.53	0.42
3.44	3.21	2.81	2.63	2.69	3.28	8.83	27.2	25.5	10.5	6.02	3.82

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.94	0.92	0.87	0.84	0.86	0.94	1.30	1.73	1.72	1.37	1.16	0.98
0.03	0.02	0.02	0.01	0.01	0.01	0.07	0.15	0.13	0.08	0.05	0.04
0.16	0.14	0.13	0.10	0.10	0.12	0.27	0.39	0.36	0.29	0.23	0.19
0.02	0.29	-0.17	-0.13	0.93	0.51	0.28	-0.55	-0.38	-0.42	-0.18	-0.26
0.17	0.15	0.15	0.12	0.12	0.12	0.21	0.22	0.21	0.21	0.20	0.19
6.92	6.76	6.37	6.19	6.27	6.88	9.52	12.7	12.6	10.1	8.50	7.20

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
22.9	130	11.4	0.65	0.50	-0.005

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.30	0.05	0.23	-0.22	0.18	-0.016

07116000 HUERFANO RIVER BELOW HUERFANO VALLEY DAM, NEAR UNDERCLIFFE, COLO.

LOCATION.--Lat 38°00'05", long 104°28'19", in S½ sec.32, T.23 S., R.63 W., Pueblo County, at left end of diversion dam for Huerfano Valley ditch, 8 mi (13 km) southwest of Undercliffe.

DRAINAGE AREA.--1,673 mi² (4,333 km²).

REMARKS.--Diversions above station for irrigation of about 43,000 acres (174 km²).

07116000 HUERFANO RIVER BELOW HUERFANO VALLEY DAM, NEAR UNDERCLIFFE, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HUERFANO R BL HUERF VALY DAM NR UNDERCLIFFE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1940	156					9	12	4	16	14	21	17	2	9	9	16	11	6	24	17	9	2	2	1	4	3	1		1						
1941	22					17	6	2	5	5	16	15	17	25	18	31	23	16	25	24	13	12	5	11	7	16	5	8	14	7					
1942																3	9	9	17	66	65	72	40	12	6	5	4	9	2	12	16	14	3	1	
1943	1					1	20	3	2	1	2	5	12	17	28	22	15	5	5	35	41	65	67	15	2	1									
1944							18	35	10	3	7	3	4	20	46	34	23	39	18	16	19	8	9	12	11	9	6	8	8						
1945							1		1		1	1	8	23	32	44	61	59	47	28	12	12	14	14	4		1			1	1				
1946	10					1	4	1	12	11	6	10	14	31	39	36	22	39	27	50	17	9	14	2	4	2	2	2							
1947							1	1	5	4	14	12	25	27	23	34	43	20	34	31	23	13	10	20	7	14	3		1						
1948	2					1		1			2			11	17	26	32	31	17	18	44	43	72	43	2	2	2								
1949									1	4	7	11	22	36	78	42	37	38	23	28	20	4	3	8	2	1									
1950	26						3	2	5	5	18	21	39	23	66	56	38	17	24	5	1	2	2	1	2	4	2	1	1						1
1951	9					7	3	1	12	7	53	50	83	20	25	18	13	16	19	18	3	3	2	1			1			1					
1952	19					24	15	10	32	10	33	14	20	20	18	15	35	27	39	18	6	7	1	1		1			1						
1953	58					49	29	12	38	22	25	8	19	10	30	22	9	8	4	3	6	6	2		1		3	1							
1954	46					134	29	40	56		16		10	6	21		1	1							1	1	2		1						
1955	186					38		5							10	20	10		51	5	1	2	1	6	21	4	2			2					1
1956	8								12		18	8		45	26	97	72	21	21	18	2	16	1		1										
1957	48					4	18	11	14	25	30	27	7	1		19	6	10	30	20	12	10	12	10	13	12	9	14	1	2					
1958	5												1	9	26	11	18	34	68	67	43	36	15	15	12	3	1					1			
1959	17					3	4	3	4	5	26	4	52	30	64	42	44	32	24	3	3	5													
1960	32					1	1	1	5	1	14	27	12	21	23	64	50	25	36	31	3	14	3	2											
1961	6					5	2				11	1	20	7	10	12	23	43	77	5	75	1	9	31	21	6									
1962	21						1			3	13	7	11	13	19	19	17	21	81	51	26	13	3	41	3				1		1				
1963	128					5	9	1	3	2	19	11	20	30	31	14	38	36	3	3	2	2		6	1		1								
1964	176					24	7	18	16	20	25	13	8	25	10	11	5		1	1	1	2	1	2											
1965	240					4	1		5	7	8	6	4	14	12	15	13	11	9	5	2	3	2	1		1	2								
1966	94					2	2	1	5	30	56	5	47	13	24	18	14	3	13	9	10	1	6	1	3	2	3	2	1						
1967	73	1	2			12	7	1	12	7	13	10	29	78	41	15	24	20	15	3						1	1								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1383	10227	100.0	12	1.7	486	6957	68.0	24	140	128	408	3.9
1	0.03	1	8844	86.5	13	2.4	564	6471	63.3	25	200	88	280	2.7
2	0.04	2	8843	86.5	14	3.5	746	5907	57.8	26	290	51	192	1.8
3	0.06	0	8841	86.4	15	5.1	756	5161	50.5	27	410	45	141	1.3
4	0.08	0	8841	86.4	16	7.3	706	4405	43.1	28	600	32	96	.9
5	0.10	341	8841	86.4	17	11.0	587	3699	36.2	29	860	25	64	.6
6	0.20	193	8500	83.1	18	15.0	752	3112	30.4	30	1200	18	39	.3
7	0.30	153	8307	81.2	19	22.0	578	2360	23.1	31	1800	15	21	.2
8	0.40	271	8154	79.7	20	32.0	459	1782	17.4	32	2600	3	6	
9	0.60	186	7883	77.1	21	46.0	363	1323	12.9	33	3700	1	3	
10	0.80	454	7697	75.3	22	66.0	296	960	9.4	34	5400	2	2	
11	1.20	286	7243	70.8	23	95.0	256	664	6.5					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HUERFANO R BL HUERF VALY DAM NR UNDERCLIFFE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1940	805.0	10	310.0	14	190.0	14	108.0	17	76.0	16	46.0	16	34.0	16	27.0	16	21.0	17
1941	1050.0	7	919.0	5	895.0	4	782.0	2	699.0	2	452.0	2	323.0	2	252.0	2	169.0	2
1942	4140.0	3	3330.0	1	2720.0	1	2180.0	1	1840.0	1	1350.0	1	938.0	1	722.0	1	509.0	1
1943	218.0	24	140.0	23	121.0	20	106.0	18	88.0	15	82.0	11	77.0	10	74.0	10	64.0	8
1944	794.0	11	690.0	8	637.0	5	583.0	4	424.0	3	280.0	3	207.0	4	160.0	4	108.0	4
1945	1450.0	5	967.0	4	434.0	7	229.0	8	132.0	9	75.0	13	59.0	13	66.0	12	48.0	13
1946	439.0	17	305.0	15	229.0	10	142.0	13	100.0	14	65.0	14	44.0	15	33.0	15	24.0	15
1947	770.0	12	430.0	11	326.0	9	263.0	7	197.0	7	132.0	7	114.0	6	93.0	6	64.0	9
1948	393.0	19	235.0	18	165.0	18	147.0	12	116.0	12	99.0	9	86.0	8	77.0	8	75.0	6
1949	224.0	23	186.0	22	151.0	19	113.0	15	65.0	18	42.0	17	32.0	17	26.0	17	22.0	16
1950	5400.0	2	2130.0	3	1040.0	3	555.0	5	285.0	6	155.0	6	106.0	7	81.0	7	54.0	12
1951	967.0	9	370.0	13	186.0	16	111.0	16	70.0	17	38.0	19	27.0	19	21.0	20	17.0	20
1952	661.0	13	236.0	17	113.0	21	65.0	21	47.0	21	36.0	20	27.0	20	24.0	18	19.0	18
1953	462.0	16	386.0	12	166.0	17	80.0	20	59.0	19	42.0	18	29.0	18	22.0	19	15.0	21
1954	605.0	14	437.0	10	189.0	15	88.0	19	51.0	20	31.0	21	21.0	22	15.0	24	10.0	24
1955	6050.0	1	2690.0	2	1240.0	2	659.0	3	411.0	4	219.0	5	163.0	5	126.0	5	83.0	5
1956	188.0	25	92.0	25	48.0	26	48.0	24	33.0	24	21.0	25	19.0	24	16.0	23	15.0	22
1957	1030.0	8	757.0	7	513.0	6	482.0	6	378.0	5	257.0	4	216.0	3	177.0	3	121.0	3
1958	2010.0	4	820.0	6	371.0	8	200.0	9	122.0	11	76.0	12	64.0	12	57.0	13	55.0	10
1959	63.0	28	59.0	28	47.0	27	29.0	27	20.0	27	14.0	26	13.0	26	12.0	26	10.0	25
1960	122.0	26	83.0	26	67.0	25	57.0	22	39.0	23	29.0	22	22.0	21	19.0	21	17.0	19
1961	240.0	22	229.0	19	217.0	12	184.0	10	158.0	8	104.0	8	82.0	9	75.0	9	67.0	7
1962	1240.0	6	438.0	9	209.0	13	133.0	14	125.0	10	93.0	10	73.0	11	71.0	11	55.0	11
1963	318.0	20	127.0	24	74.0	24	41.0	26	28.0	25	25.0	23	18.0	25	14.0	25	9.3	26
1964	118.0	27	69.0	27	46.0	28	22.0	28	14.0	28	8.0	28	5.4	28	4.1	28	3.4	28
1965	409.0	18	214.0	20	98.0	22	51.0	23	42.0	22	24.0	24	20.0	23	16.0	22	12.0	23
1966	600.0	15	293.0	16	228.0	11	166.0	11	109.0	13	62.0	15	54.0	14	41.0	14	27.0	14
1967	316.0	21	199.0	21	89.0	23	43.0	25	22.0	26	14.0	27	10.0	27	8.4	27	8.0	27

07116000 HUERFANO RIVER BELOW HUERFANO VALLEY DAM, NEAR UNDERCLIFFE, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HUERFANO R BL HUERF VALY DAM NR UNDERCLIFFE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1941	0.00	1	0.00	1	0.00	1	0.00	1	0.06	8	1.00	12	2.40	14	5.00	16	6.00	15
1942	0.11	20	0.10	19	0.10	18	0.31	18	3.20	21	9.20	23	20.00	25	25.00	25	27.00	25
1943	16.00	27	18.00	27	19.00	27	23.00	27	31.00	27	49.00	27	61.00	27	65.00	27	64.00	27
1944	0.00	2	0.17	20	0.19	19	0.19	16	0.23	12	0.25	6	0.46	6	1.40	7	3.70	12
1945	0.21	21	0.54	21	1.40	23	3.10	23	4.80	24	6.40	22	7.40	21	7.90	21	10.00	21
1946	1.80	26	2.00	26	2.50	25	3.40	24	4.60	23	9.80	24	11.00	23	15.00	23	21.00	23
1947	0.00	3	0.00	2	0.07	17	0.26	17	0.48	15	1.40	15	2.70	15	5.60	18	8.30	19
1948	0.00	4	0.04	18	0.59	20	0.86	19	4.40	22	6.00	21	8.00	22	10.00	22	22.00	24
1949	0.61	24	1.00	24	1.20	22	1.70	22	2.10	18	3.00	17	4.00	17	6.00	19	8.80	20
1950	0.51	22	0.64	22	1.00	21	1.50	21	2.10	19	3.00	18	4.30	19	4.10	14	5.60	13
1951	0.00	5	0.00	3	0.00	2	0.10	14	0.97	17	1.10	13	1.50	10	1.60	8	2.90	8
1952	0.00	6	0.00	4	0.00	3	0.00	2	0.11	10	0.37	9	0.47	7	0.55	5	2.30	6
1953	0.00	7	0.00	5	0.06	16	0.09	13	0.16	11	0.29	7	0.60	8	1.80	10	2.70	7
1954	0.00	8	0.00	6	0.00	4	0.00	3	0.03	7	0.07	4	0.06	4	0.20	3	0.62	4
1955	0.00	9	0.00	7	0.00	5	0.00	4	0.00	1	0.00	1	0.00	1	0.01	2	0.03	1
1956	0.00	10	0.00	8	0.00	6	0.00	5	0.00	2	4.70	20	5.50	20	6.50	20	7.80	18
1957	0.00	11	0.00	9	0.00	7	0.00	6	0.00	3	0.20	5	0.32	5	0.50	4	0.57	3
1958	0.91	25	1.30	25	5.80	26	6.10	26	9.80	26	20.00	26	22.00	26	28.00	26	41.00	26
1959	0.00	12	0.00	10	0.00	8	0.92	20	2.70	20	3.60	19	4.20	18	5.10	17	6.80	17
1960	0.00	13	0.00	11	0.03	15	0.11	15	0.34	13	1.20	14	1.90	13	2.00	12	3.20	10
1961	0.00	14	0.00	12	0.00	9	0.00	7	0.42	14	2.60	16	2.90	16	3.20	13	6.20	16
1962	0.61	23	0.90	23	2.10	24	4.80	25	6.10	25	10.00	25	15.00	24	16.00	24	20.00	22
1963	0.00	15	0.00	13	0.00	10	0.00	8	0.57	16	0.80	10	1.60	11	1.90	11	3.20	11
1964	0.00	16	0.00	14	0.00	11	0.00	9	0.00	4	0.00	2	0.00	2	0.59	6	1.40	5
1965	0.00	17	0.00	15	0.00	12	0.00	10	0.00	5	0.00	3	0.00	3	0.00	1	0.36	2
1966	0.00	18	0.00	16	0.00	13	0.00	11	0.07	9	1.00	11	1.60	12	1.60	9	3.10	9
1967	0.00	19	0.00	17	0.00	14	0.00	12	0.00	6	0.32	8	0.61	9	4.90	15	5.90	14

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
6.52	9.77	12.4	16.3	15.9	12.0	60.4	123	60.9	42.2	40.4	12.0
136	272	292	540	387	149	42420	78550	10770	2998	1900	350
11.6	16.5	17.1	23.2	19.7	12.2	206	280	104	54.8	43.6	18.7
3.25	2.36	2.40	2.10	2.19	1.81	5.09	3.84	2.00	3.14	1.66	2.53
1.79	1.69	1.38	1.43	1.24	1.02	3.41	2.28	1.71	1.30	1.08	1.57
1.59	2.37	3.01	3.96	3.86	2.91	14.7	29.8	14.8	10.3	9.83	2.90

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.34	0.46	0.70	0.84	0.85	0.83	0.88	1.12	1.07	1.37	1.32	0.61
0.52	0.58	0.45	0.38	0.47	0.32	0.88	1.34	0.85	0.25	0.34	0.53
0.72	0.76	0.67	0.62	0.69	0.56	0.94	1.16	0.92	0.50	0.58	0.73
-0.31	-0.22	-0.33	-0.06	-0.98	-1.07	-0.11	-0.27	-0.11	-0.07	-0.63	-0.44
2.12	1.67	0.95	0.73	0.81	0.67	1.07	1.04	0.86	0.36	0.44	1.19
3.28	4.39	6.78	8.08	8.16	8.02	8.45	10.8	10.3	13.2	12.7	5.90

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
34.4	2603	51.0	4.01	1.48	0.238

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.29	0.21	0.46	0.25	0.35	0.392

07116500 HUERFANO RIVER NEAR NEPESTA, COLO.

LOCATION.--Lat 38°13'33", long 104°15'40", in NW¼NE¼ sec.18, T.21 S., R.61 W., Pueblo County, at bridge on U.S. Highway 50, 0.6 mi (1.0 km) upstream from mouth and 8 mi (13 km) northwest of Nepesta.

DRAINAGE AREA.--1,875 mi^2 (4,856 km^2).

REMARKS.--Diversions above station for irrigation of about 48,000 acres (194 km^2).

07116500 HUERFANO RIVER NEAR NEPESTA, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HUERFANO RIVER NEAR NEPESTA, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1923	23			20	15		28		26		71	33	24	6	29	18	17	10	6	6	3	3	4	1	6	6	3	1	3		1	1	1		
1924							66		15		14	3	8	10	46	28	30	21	29	41	15	4	10	16	10										
1925	30						88		33		60	44	14	18	16	22	7	12	4	6	7			1		1	1				1				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	53	1096	100.0	12	5.5	46	527	48.1	24	220	16	35	3.1
1	0.10	0	1043	95.2	13	7.5	34	481	43.9	25	310	7	19	1.7
2	0.20	0	1043	95.2	14	10.0	91	447	40.8	26	420	4	12	1.0
3	0.30	20	1043	95.2	15	14.0	68	356	32.5	27	570	1	8	.7
4	0.50	15	1023	93.3	16	19.0	54	288	26.3	28	770	3	7	.6
5	0.60	0	1008	92.0	17	26.0	43	234	21.4	29	1100		4	.3
6	0.90	182	1008	92.0	18	35.0	39	191	17.4	30	1400	2	4	.3
7	1.20	0	826	75.4	19	48.0	53	152	13.9	31	2000	1	2	.1
8	1.60	74	826	75.4	20	65.0	25	99	9.0	32	2700	1	1	
9	2.20	0	752	68.6	21	89.0	7	74	6.8	33				
10	3.00	145	752	68.6	22	120.0	14	67	6.1	34				
11	4.10	80	607	55.4	23	170.0	18	53	4.8					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HUERFANO RIVER NEAR NEPESTA, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1923	2900.0	1	1930.0	1	855.0	1	539.0	1	462.0	1	292.0	1	200.0	1	151.0	1	100.0	1
1924	293.0	3	270.0	3	243.0	3	230.0	2	202.0	2	139.0	2	98.0	2	80.0	2	62.0	2
1925	1960.0	2	874.0	2	437.0	2	225.0	3	120.0	3	65.0	3	44.0	3	33.0	3	24.0	3

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HUERFANO RIVER NEAR NEPESTA, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1923	0.00	1	0.00	1	0.04	2	0.09	2	0.13	1	0.24	1	0.30	1	0.98	1	3.80	1
1924	0.00	2	0.00	2	0.00	1	0.07	1	1.20	3	1.80	3	2.10	2	28.00	3	30.00	3
1925	1.00	3	1.00	3	1.00	3	1.00	3	1.00	2	1.10	2	2.50	3	4.30	2	6.00	2

07117000 ARKANSAS RIVER NEAR NEPESTA, COLO.

LOCATION.--Lat 38°11'03", long 104°10'22", in SW¼SE¼ sec.25, T.21 S., R.61 W., Pueblo County, on right bank 0.7 mi (1.1 km) upstream from headgate of Oxford Farmers Co. canal, 1.9 mi (3.1 km) northwest of Nepesta, 2.7 mi (4.3 km) upstream from Kramer Creek, and 6.6 mi (10.6 km) downstream from Huerfano River.

DRAINAGE AREA.--9,345 mi² (24,204 km²), of which 54 mi² (140 km²) is probably noncontributing.

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs, power developments, ground-water withdrawals and diversions for irrigation of about 230,000 acres (931 km²), and return flow from irrigated areas. Flow partly regulated by Pueblo Reservoir since Jan. 9, 1974.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER NEAR NEPESTA, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1937								1	2	7	3	7	11	17	50	56	66	49	24	21	15	18	8	7	1	2									
1938								1		3	7	9	28	43	73	42	18	13	13	25	16	14	28	21	5	3	2		1						
1939						1	4	2	12	20	15	14	41	33	35	30	42	40	25	17	9	11	9	4	1										
1940		1	5	1	1	2	3	8	20	14	26	36	62	57	29	28	15	18	16	6	9	7		1	1										
1941									1	1	10	12	35	51	51	58	16	11	9	8	14	18	19	19	15	6	8	3							
1942												1	2	6	10	18	42	52	61	32	18	10	17	9	9	13	16	24	19	3	2	1			
1943											1		3	3	23	49	49	63	67	48	10	19	20	9	1										
1944										2	11	16	24	40	66	57	31	11	6	7	16	17	17	22	13	8	2								
1945										1	3	9	32	38	42	49	50	36	19	14	17	19	16	12	1	1	1	2	1	1	1				
1946											2	12	11	16	52	86	64	49	22	13	10	10	9	4	1	1	2		1						
1947											3	1	4	28	45	44	46	42	35	18	7	10	16	10	11	15	15	6	4	2	2	1			
1948												1	9	12	7	23	34	54	72	52	38	18	9	6	7	5	10	7	1		1				
1949												3	9	35	38	57	54	60	29	15	9	9	9	7	6	8	7	7	3						
1950									3	6	5	20	14	28	34	88	59	34	6	15	13	23	14	2				1							

07117000 ARKANSAS RIVER NEAR NEPESTA, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER NEAR NEPESTA, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR														NUMBER OF DAYS IN CLASS																					
1951											7	32	50	50	49	56	20	11	14	15	18	19	20	2		1				1					
1952										1	7	10	22	10	48	75	51	14	14	25	2	23	19	18	20	5	2								
1953							3	1	3	1	12	19	32	33	70	62	38	10	6	10	9	20	12	14	7	3									
1954					2	7	3	9	10	19	37	25	36	19	28	55	42	35	20	5	6	3	1	1		1	1								
1955						1	1	1	7	11	28	49	36	27	66	40	16	19	20	13	6	14	4	1			1		1	1	1				1
1956					2	3	7	6	2	5	22	16	30	26	55	106	18	14	9	3	5	7	7	19	4										
1957							1		3	4	27	12	30	18	53	36	7	13	12	16	17	15	11	14	6	7	18	26	12	6					1
1958											2	5	5	14	13	36	50	83	86	19	12	12	6	7	4	3	7	1							
1959				2		3	4	2	4	1	4	9	21	49	44	53	67	38	25	12	7	13	7												
1960								4	1	7	22	11	21	21	32	22	39	51	43	34	16	21	7	8	6										
1961										1	6	13	11	15	51	69	53	35	11	10	23	28	21	6	8	2	1		1						
1962											1		1	54	13	17	40	44	60	35	28	19	25	19	4	4	1								
1963							5	4	3	12	4	11	14	25	79	88	48	29	18	8	6	7	3	1											
1964								1	6	6	14	30	25	43	67	73	17	13	17	10	13	10	14	7											
1965									1	3	6	21	20	16	46	68	25	18	18	23	13	12	17	10	15	12	10	6	2		1	1		1	
1966											2	8	12	29	25	20	33	75	106	35	9	5	1	2	1		2								
1967										7	33	14	31	22	53	60	36	30	17	15	11	17	14	5											
1968												7	9	18	44	128	35	19	18	16	9	25	22	14	2										
1969											2	11	21	15	49	73	72	10	17	13	11	42	22	5	1	1									
1970														3		22	57	56	73	46	17	24	22	20	16	9									
1971														4	26	73	84	51	20	25	33	29	14	6											
1972											6	33	31	23	45	65	43	56	15	7	6	9	13	11	2	1									
1973											4	21	33	26	28	45	50	35	20	7	10	21	25	18	11	5	6								
1974							4	5	7	8	10	16	23	19	26	84	40	54	24	18	10	11	6												
1975									1	4	18	9	17	23	61	85	42	13	11	11	7	7	14	23	14	2	3								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	14244	100.0	12	150.0	816	13020	91.4	24	2300	193	583	4.0
1	12.00	1	14244	100.0	13	190.0	1009	12204	85.7	25	2900	118	390	2.7
2	15.00	5	14243	100.0	14	230.0	1626	11195	78.6	26	3600	115	272	1.9
3	19.00	3	14238	100.0	15	290.0	2196	9569	67.2	27	4500	83	157	1.1
4	24.00	5	14235	99.9	16	370.0	1609	7373	51.8	28	5700	46	74	.5
5	30.00	17	14230	99.9	17	460.0	1358	5764	40.5	29	7100	14	28	.1
6	38.00	35	14213	99.8	18	580.0	1098	4406	30.9	30	8900	8	14	
7	47.00	45	14178	99.5	19	730.0	722	3308	23.2	31	11000	3	6	
8	59.00	86	14133	99.2	20	910.0	505	2586	18.2	32	14000		3	
9	74.00	144	14047	98.6	21	1100.0	616	2081	14.6	33	18000	1	3	
10	93.00	360	13903	97.6	22	1400.0	518	1465	10.3	34	22000	2	2	
11	120.00	523	13543	95.1	23	1800.0	364	947	6.6					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER NEAR NEPESTA, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1937	3360.0	24	2370.0	27	1810.0	30	1690.0	25	1380.0	30	1190.0	30	983.0	32	885.0	26	723.0	25
1938	6150.0	10	3930.0	11	2570.0	18	2090.0	20	1940.0	18	1670.0	16	1460.0	15	1370.0	14	1110.0	12
1939	2550.0	30	2080.0	31	2010.0	26	1660.0	26	1420.0	28	1070.0	32	853.0	33	739.0	33	561.0	36
1940	2750.0	29	1760.0	36	1380.0	37	1110.0	37	864.0	38	682.0	38	534.0	38	453.0	39	369.0	39
1941	5220.0	14	4760.0	9	4610.0	9	3670.0	7	2890.0	7	2470.0	7	2070.0	7	1820.0	5	1310.0	6
1942	11000.0	5	10000.0	5	8740.0	1	7340.0	1	6610.0	1	5510.0	1	4640.0	1	3810.0	2	2790.0	1
1943	2320.0	33	1960.0	33	1750.0	32	1650.0	27	1560.0	24	1300.0	25	1120.0	23	1030.0	22	822.0	20
1944	3950.0	21	3310.0	18	2980.0	15	2710.0	13	2480.0	10	2220.0	8	1870.0	9	1600.0	10	1150.0	11
1945	10900.0	6	8100.0	6	5000.0	8	3640.0	8	2430.0	11	1870.0	13	1610.0	13	1370.0	15	1010.0	14
1946	6340.0	9	3420.0	16	2480.0	20	1480.0	32	1300.0	33	1010.0	33	997.0	30	889.0	25	688.0	27
1947	12100.0	4	10200.0	4	8650.0	2	6120.0	3	4970.0	3	3860.0	3	3230.0	3	2640.0	3	1890.0	3
1948	10800.0	7	6990.0	7	5480.0	6	5130.0	5	4070.0	5	2690.0	6	2120.0	5	1810.0	6	1470.0	5
1949	6070.0	12	5950.0	8	5400.0	7	4410.0	6	3490.0	6	2730.0	5	2080.0	6	1700.0	7	1260.0	8
1950	5290.0	13	2710.0	22	1840.0	28	1560.0	28	1360.0	31	1250.0	27	1040.0	26	850.0	29	648.0	29
1951	8550.0	8	3360.0	17	2140.0	24	1540.0	29	1380.0	29	1310.0	24	1200.0	22	1020.0	23	735.0	24
1952	4040.0	19	3740.0	14	3260.0	12	2840.0	11	2630.0	8	2180.0	9	1860.0	10	1620.0	9	1210.0	10
1953	3110.0	26	3020.0	20	2680.0	17	2470.0	15	2110.0	15	1630.0	17	1370.0	16	1090.0	20	782.0	21
1954	4000.0	20	2330.0	28	1670.0	34	1270.0	36	883.0	37	740.0	37	623.0	37	521.0	38	399.0	38
1955	22200.0	2	13100.0	2	5890.0	5	2930.0	10	1860.0	20	1350.0	23	1240.0	21	1060.0	21	753.0	22
1956	2480.0	32	2380.0	25	2200.0	22	2130.0	19	1970.0	17	1390.0	20	1050.0	25	850.0	30	655.0	28
1957	26600.0	1	13300.0	1	7520.0	4	6450.0	2	5940.0	2	5130.0	2	4610.0	2	3860.0	1	2770.0	2
1958	4720.0	15	4400.0	10	3860.0	10	3260.0	9	2500.0	9	1770.0	14	1340.0	18	1130.0	19	950.0	17
1959	1780.0	38	1630.0	37	1520.0	35	1350.0	34	1200.0	34	910.0	34	774.0	36	678.0	35	562.0	35
1960	2770.0	28	2570.0	23	2300.0	21	1950.0	21	1710.0	22	1350.0	21	1080.0	24	973.0	24	736.0	23
1961	6110.0	11	3510.0	15	2970.0	16	2230.0	18	1930.0	19	1410.0	19	1300.0	19	1240.0	16	990.0	16
1962	3740.0	22	2880.0	21	2520.0	19	2350.0	16	2110.0	16	1740.0	15	1570.0	14	1390.0	13	1080.0	13
1963	1900.0	37	1550.0	39	1030.0	39	744.0	39	681.0	39	597.0	39	519.0	39	525.0	37	429.0	37
1964	2260.0	34	2100.0	30	2000.0	27	1500.0	31	1470.0	27	1140.0	31	995.0	31	807.0	32	613.0	32
1965	18700.0	3	11900.0	3	7830.0	3	5270.0	4	4320.0	4	3400.0	4	2860.0	4	2370.0	4	1730.0	4

07117000 ARKANSAS RIVER NEAR NEPESTA, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER NEAR NEPESTA, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1966	4450.0	16	2390.0	24	1830.0	29	1280.0	35	1080.0	35	844.0	36	788.0	34	715.0	34	577.0	33
1967	2220.0	35	1820.0	35	1430.0	36	1410.0	33	1360.0	32	1210.0	28	1010.0	29	872.0	28	641.0	31
1968	2530.0	31	2370.0	26	2180.0	23	1870.0	23	1740.0	21	1350.0	22	1350.0	17	1150.0	17	861.0	18
1969	3000.0	27	2050.0	32	1710.0	33	1520.0	30	1490.0	26	1420.0	18	1300.0	20	1150.0	18	847.0	19
1970	3410.0	23	3260.0	19	3110.0	13	2710.0	12	2270.0	13	2170.0	10	1820.0	11	1570.0	11	1300.0	7
1971	1970.0	36	1840.0	34	1780.0	31	1760.0	24	1500.0	25	1280.0	26	1030.0	27	879.0	27	701.0	26
1972	3240.0	25	2290.0	29	2090.0	25	1950.0	22	1690.0	23	1200.0	29	1020.0	28	832.0	31	642.0	30
1973	4160.0	18	3860.0	12	3370.0	11	2320.0	17	2160.0	14	1970.0	12	1900.0	8	1630.0	8	1220.0	9
1974	1660.0	39	1610.0	38	1340.0	38	1090.0	38	1000.0	36	895.0	35	774.0	35	643.0	36	565.0	34
1975	4380.0	17	3810.0	13	3010.0	14	2650.0	14	2410.0	12	2090.0	11	1700.0	12	1390.0	12	997.0	15

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER NEAR NEPESTA, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1938	57.00	12	72.00	13	80.00	12	97.00	13	108.00	7	146.00	6	189.00	7	217.00	8	235.00	5
1939	30.00	5	37.00	5	59.00	8	95.00	11	157.00	16	163.00	8	168.00	5	209.00	6	317.00	22
1940	56.00	11	60.00	10	72.00	11	92.00	10	96.00	6	108.00	3	118.00	3	130.00	1	154.00	1
1941	12.00	1	15.00	1	18.00	1	60.00	6	126.00	12	195.00	14	227.00	13	230.00	11	259.00	11
1942	66.00	15	132.00	28	160.00	28	175.00	26	289.00	34	429.00	35	503.00	38	520.00	35	600.00	38
1943	168.00	35	213.00	36	258.00	37	301.00	37	329.00	35	392.00	33	437.00	32	496.00	33	504.00	32
1944	97.00	23	112.00	21	130.00	24	157.00	25	173.00	20	204.00	17	239.00	18	254.00	15	264.00	13
1945	74.00	16	87.00	15	100.00	15	117.00	14	155.00	15	174.00	11	208.00	10	238.00	12	286.00	17
1946	123.00	31	150.00	30	193.00	32	208.00	32	243.00	29	306.00	31	317.00	27	315.00	27	342.00	25
1947	111.00	29	115.00	23	118.00	18	131.00	17	167.00	19	225.00	21	338.00	31	321.00	29	349.00	28
1948	178.00	37	193.00	35	219.00	35	232.00	35	383.00	37	480.00	38	494.00	36	509.00	34	550.00	36
1949	130.00	32	152.00	32	173.00	31	198.00	28	208.00	26	220.00	19	280.00	23	311.00	24	315.00	21
1950	110.00	28	115.00	24	124.00	21	181.00	27	223.00	28	282.00	29	320.00	28	337.00	30	348.00	27
1951	60.00	13	68.00	12	88.00	13	129.00	16	136.00	13	164.00	9	194.00	8	208.00	5	235.00	6
1952	90.00	21	96.00	18	101.00	16	150.00	21	159.00	17	185.00	12	232.00	14	251.00	14	278.00	15
1953	61.00	14	125.00	27	134.00	25	155.00	24	206.00	25	253.00	25	276.00	22	292.00	21	292.00	18
1954	38.00	7	40.00	6	45.00	6	64.00	7	91.00	3	134.00	5	214.00	11	266.00	17	264.00	14
1955	28.00	4	32.00	4	33.00	2	46.00	3	62.00	2	94.00	2	113.00	1	134.00	2	185.00	2
1956	36.00	6	46.00	8	68.00	9	83.00	9	94.00	5	213.00	18	235.00	16	259.00	16	279.00	16
1957	27.00	3	31.00	3	39.00	4	45.00	2	58.00	1	89.00	1	118.00	2	143.00	3	186.00	3
1958	106.00	27	245.00	38	344.00	38	389.00	38	409.00	38	453.00	37	485.00	35	532.00	37	549.00	35
1959	95.00	22	118.00	25	171.00	30	201.00	30	204.00	23	241.00	22	271.00	21	303.00	22	293.00	19
1960	21.00	2	25.00	2	33.00	3	44.00	1	113.00	9	172.00	10	232.00	15	311.00	25	397.00	30
1961	74.00	17	89.00	16	118.00	19	146.00	19	187.00	22	198.00	15	237.00	17	248.00	13	258.00	10
1962	101.00	25	168.00	33	200.00	33	200.00	29	205.00	24	250.00	24	332.00	30	383.00	31	504.00	31
1963	177.00	36	184.00	34	202.00	34	220.00	34	251.00	30	262.00	26	287.00	25	305.00	23	305.00	20
1964	43.00	8	43.00	7	45.00	5	57.00	5	110.00	8	194.00	13	201.00	9	226.00	10	253.00	9
1965	55.00	10	66.00	11	70.00	10	82.00	8	123.00	11	153.00	7	179.00	6	213.00	7	245.00	8
1966	142.00	34	151.00	31	157.00	27	208.00	31	283.00	33	432.00	36	497.00	37	532.00	38	548.00	34
1967	86.00	19	95.00	17	111.00	17	126.00	15	179.00	21	223.00	20	260.00	20	269.00	18	261.00	12
1968	82.00	18	84.00	14	89.00	14	96.00	12	118.00	10	246.00	23	259.00	19	287.00	19	318.00	23
1969	133.00	33	141.00	29	165.00	29	212.00	33	263.00	32	289.00	30	322.00	29	318.00	28	329.00	24
1970	101.00	26	114.00	22	141.00	26	154.00	22	164.00	18	402.00	34	475.00	34	530.00	36	533.00	33
1971	208.00	38	221.00	37	240.00	36	291.00	36	329.00	36	363.00	32	447.00	33	435.00	32	555.00	37
1972	117.00	30	119.00	26	124.00	20	148.00	20	220.00	27	273.00	27	286.00	24	315.00	26	347.00	26
1973	100.00	24	108.00	20	125.00	22	140.00	18	146.00	14	200.00	16	219.00	12	222.00	9	243.00	7
1974	88.00	20	98.00	19	128.00	23	155.00	23	255.00	31	282.00	28	294.00	26	292.00	20	356.00	29
1975	44.00	9	47.00	9	51.00	7	54.00	4	93.00	4	123.00	4	162.00	4	196.00	4	235.00	4

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
325	382	372	357	351	315	464	1113	1846	1239	768	385
46400	24300	15640	19840	13420	13170	374600	761600	1044000	938100	274200	78680
215	156	125	141	116	115	612	873	1022	969	524	281
1.51	0.86	1.13	1.21	1.01	1.82	5.21	2.80	1.20	2.73	1.51	2.00
0.66	0.41	0.34	0.39	0.33	0.36	1.32	0.78	0.55	0.78	0.68	0.73
4.10	4.82	4.70	4.51	4.43	3.97	5.86	14.1	23.3	15.7	9.70	4.86

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.43	2.55	2.55	2.52	2.52	2.47	2.53	2.96	3.21	3.00	2.79	2.49
0.06	0.03	0.02	0.02	0.02	0.02	0.09	0.07	0.05	0.08	0.09	0.08
0.25	0.18	0.14	0.15	0.14	0.15	0.30	0.26	0.23	0.29	0.30	0.29
0.50	-0.02	0.36	0.64	0.17	0.04	0.99	0.75	0.13	0.17	-0.19	-0.10
0.10	0.07	0.05	0.06	0.05	0.06	0.12	0.09	0.07	0.10	0.11	0.12
7.60	7.95	7.96	7.88	7.88	7.72	7.91	9.24	10.0	9.36	8.72	7.78

07117000 ARKANSAS RIVER NEAR NEPESTA, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
661	85240	292	1.89	0.44	0.056

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.79	0.03	0.17	0.57	0.06	0.084

07117500 ARKANSAS RIVER AT NEPESTA, COLO.

LOCATION.--Lat 38°10'44", long 104°08'19", in sec.32, T.21 S., R.60 W., Pueblo County, at highway bridge just downstream from Atchison, Topeka & Santa Fe Railway bridge at Nepesta.

DRAINAGE AREA.--9,460 mi² (24,500 km²), approximately.

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs, power developments, ground-water withdrawals, diversions for irrigation of about 235,000 acres (951 km²), and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT NEPESTA, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1915											2						3	2	1	5	20	15	83	64	34	27	20	16	24	28	14	5	1	1	
1918														1	1	1	8	6	10	9	36	103	66	36	22	16	16	12	7	9	4	2			
1919																5	1	20	4	13	38	58	45	40	17	42	40	32	7	2		1			
1920											2	2	1	2	1		2	6	11	4	15	99	74	24	13	17	24	23	33	12	1				
1923															1	9	6	16	12	26	56	42	41	13	30	18	28	29	16	9	5	1	3	2	2
1924																2	5	12	23	15	12	16	20	48	60	50	54	14	12	11	7	5			
1925														1	2	21	14	12	23	22	48	63	63	31	27	17	14	4	1		1			1	
1926									1	2	1	1	4	4	2	4	6	5	6	22	57	67	44	21	30	35	16	12	9	10	4	2			
1927									1	1	1	3	1	3		5	7	2	10	20	42	43	55	53	25	16	19	26	18	5	2	2	3	2	
1928															1		1	1	3	11	32	61	71	43	56	34	24	5	9	6	2	4	2		
1929									1		1		2		5	4	1	7	4	19	79	50	41	13	10	18	19	54	18	8	5	4	1	1	
1930															1	1		7	2	4	45	96	29	73	26	18	27	19	12	1	2		2		
1931	4						1			1	1	4	1	9	9	7	6	21	22	75	57	65	24	19	2	9	10	14	4						
1932											1		3	2	2	3	11	14	14	20	77	97	14	6	18	21	27	26	4	4	1			1	
1933												1	2	3	5	8	9	18	10	17	62	91	28	14	24	12	16	15	19	5	1	1	3	1	
1934	5											2	4	5	10	15	13	28	22	49	120	34	21	8	10	7	11	1							
1935		2				1	1	2			1	3	5	6	3	3	8	28	23	129	23	8	6	6	14	15	28	24	12	9	1	1	2	1	

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	9	6209	100.0	12	21.0	23	6160	99.2	24	550	418	1940	31.2
1	1.00	2	6200	99.9	13	27.0	36	6137	98.8	25	730	372	1522	24.5
2	1.30	0	6198	99.8	14	36.0	43	6101	98.3	26	960	393	1150	18.5
3	1.70	0	6198	99.8	15	47.0	88	6058	97.6	27	1300	326	757	12.1
4	2.30	0	6198	99.8	16	62.0	101	5970	96.2	28	1700	205	431	6.9
5	3.00	1	6198	99.8	17	81.0	205	5869	94.5	29	2200	119	226	3.6
6	3.90	2	6197	99.8	18	110.0	200	5664	91.2	30	2900	50	107	1.7
7	5.20	2	6195	99.8	19	140.0	460	5464	88.0	31	3800	28	57	.9
8	6.80	3	6193	99.7	20	180.0	819	5004	80.6	32	5000	17	29	.4
9	9.00	4	6190	99.7	21	240.0	1008	4185	67.4	33	6600	10	12	.1
10	12.00	10	6186	99.6	22	320.0	725	3177	51.2	34	8600	2	2	
11	16.00	16	6176	99.5	23	420.0	512	2452	39.5					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT NEPESTA, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1915	7680.0	6	5370.0	4	3880.0	6	3260.0	5	3090.0	1	2530.0	1	2270.0	1	1980.0	1	1540.0	1
1918	4600.0	13	3270.0	13	2970.0	7	2680.0	7	2180.0	7	1670.0	10	1300.0	11	1080.0	14	831.0	13
1919	4800.0	12	2430.0	14	1780.0	15	1520.0	14	1340.0	15	1230.0	14	1150.0	14	1110.0	12	955.0	8
1920	3720.0	15	2410.0	15	2220.0	12	2120.0	11	2050.0	11	1790.0	7	1650.0	6	1450.0	5	1070.0	6
1923	9870.0	1	7310.0	1	5330.0	1	3640.0	2	2740.0	4	2450.0	2	2040.0	2	1800.0	2	1330.0	2
1924	4990.0	11	4960.0	6	4090.0	5	3630.0	3	2890.0	2	2130.0	4	1690.0	5	1410.0	6	1090.0	4
1925	6710.0	8	3770.0	8	2090.0	13	1400.0	16	1240.0	16	948.0	15	813.0	15	723.0	15	531.0	15

07117500 ARKANSAS RIVER AT NEPESTA, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT NEPESTA, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1926	3980.0	14	3300.0	12	2930.0	8	2670.0	8	2190.0	6	1640.0	11	1380.0	10	1200.0	10	914.0	9
1927	8250.0	3	6430.0	2	4250.0	4	3080.0	6	2140.0	8	1960.0	5	1700.0	4	1490.0	4	1090.0	5
1928	5760.0	10	5320.0	5	4730.0	3	3510.0	4	2410.0	5	1690.0	8	1450.0	8	1210.0	9	914.0	10
1929	7920.0	4	5660.0	3	4820.0	2	3660.0	1	2780.0	3	2160.0	3	1800.0	3	1720.0	3	1280.0	3
1930	6320.0	9	3660.0	9	2380.0	11	1970.0	12	1740.0	12	1290.0	13	1250.0	12	1140.0	11	882.0	12
1931	1890.0	16	1790.0	16	1620.0	16	1510.0	15	1380.0	14	919.0	16	722.0	16	618.0	16	462.0	16
1932	7810.0	5	3630.0	10	2020.0	14	1760.0	13	1550.0	13	1380.0	12	1240.0	13	1090.0	13	781.0	14
1933	8400.0	2	4790.0	7	2790.0	9	2420.0	9	2100.0	10	1690.0	9	1410.0	9	1260.0	8	887.0	11
1934	1370.0	17	1160.0	17	1080.0	17	974.0	17	842.0	17	572.0	17	442.0	17	380.0	17	326.0	17
1935	7480.0	7	3390.0	11	2700.0	10	2380.0	10	2130.0	9	1870.0	6	1600.0	7	1390.0	7	960.0	7

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT NEPESTA, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1915	15.00	7	64.00	16	91.00	16	152.00	16	180.00	17	265.00	18	328.00	18	344.00	18	405.00	18
1916	110.00	20	178.00	20	219.00	20	277.00	20	310.00	20	368.00	19	439.00	19	445.00	19	449.00	19
1918	33.00	14	62.00	15	85.00	15	113.00	13	179.00	16	216.00	12	240.00	14	251.00	12	261.00	10
1919	50.00	16	50.00	13	68.00	13	84.00	12	110.00	5	172.00	7	206.00	9	234.00	10	267.00	11
1920	14.00	6	25.00	9	73.00	14	156.00	17	201.00	19	224.00	15	246.00	15	265.00	14	298.00	14
1921	16.00	8	21.00	7	58.00	11	136.00	15	165.00	12	220.00	13	230.00	12	259.00	13	327.00	16
1923	45.00	15	50.00	14	52.00	9	69.00	7	120.00	7	180.00	9	224.00	10	230.00	9	234.00	6
1924	70.00	17	84.00	17	108.00	18	164.00	19	198.00	18	424.00	20	480.00	20	526.00	20	678.00	20
1925	30.00	13	46.00	12	58.00	12	75.00	8	123.00	9	157.00	5	189.00	6	206.00	5	219.00	5
1926	20.00	10	23.00	8	27.00	5	42.00	4	65.00	3	157.00	6	195.00	7	206.00	6	235.00	7
1927	7.00	4	9.30	4	16.00	2	78.00	9	171.00	14	183.00	10	227.00	11	288.00	16	273.00	13
1928	24.00	12	28.00	11	52.00	10	79.00	10	170.00	13	240.00	17	256.00	17	301.00	17	388.00	17
1929	100.00	19	131.00	19	151.00	19	163.00	18	174.00	15	223.00	14	232.00	13	266.00	15	269.00	12
1930	7.00	5	15.00	5	38.00	7	43.00	5	122.00	8	238.00	16	250.00	16	249.00	11	318.00	15
1931	79.00	18	88.00	18	105.00	17	115.00	14	152.00	11	156.00	4	179.00	4	203.00	4	215.00	4
1932	0.00	1	0.00	1	24.00	4	28.00	2	64.00	2	79.00	2	87.00	1	114.00	2	157.00	2
1933	21.00	11	26.00	10	48.00	8	82.00	11	135.00	10	194.00	11	201.00	8	216.00	8	251.00	9
1934	19.00	9	21.00	6	30.00	6	44.00	6	112.00	6	154.00	3	177.00	3	186.00	3	196.00	3
1935	0.00	2	0.00	2	16.00	3	29.00	3	55.00	1	66.00	1	89.00	2	102.00	1	122.00	1
1936	1.00	3	3.30	3	10.00	1	26.00	1	92.00	4	177.00	8	187.00	5	207.00	7	247.00	8

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
327	352	299	254	261	238	367	954	1640	1086	976	476
67310	23260	17680	10760	11330	3519	108500	156100	484000	278400	542800	135800
259	153	133	104	106	59.3	329	395	696	528	737	369
2.37	1.06	1.64	1.64	2.29	-0.42	1.82	1.02	0.19	0.49	0.89	1.64
0.79	0.43	0.45	0.41	0.41	0.25	0.90	0.41	0.42	0.49	0.75	0.77
4.52	4.87	4.13	3.52	3.60	3.30	5.08	13.2	22.7	15.0	13.5	6.58

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.42	2.51	2.44	2.38	2.39	2.36	2.43	2.95	3.17	2.96	2.85	2.55
0.08	0.04	0.03	0.03	0.02	0.01	0.12	0.03	0.05	0.10	0.15	0.14
0.28	0.19	0.17	0.16	0.15	0.12	0.34	0.18	0.23	0.31	0.39	0.37
0.63	-0.44	0.61	0.46	0.47	-0.87	0.42	0.00	-1.41	-1.78	-0.57	-0.56
0.11	0.08	0.07	0.07	0.06	0.05	0.14	0.06	0.07	0.10	0.14	0.14
7.71	7.98	7.77	7.57	7.61	7.52	7.75	9.38	10.1	9.43	9.07	8.12

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
604	34780	186	-0.11	0.31	0.147

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.76	0.02	0.15	-1.07	0.06	0.100

07117600 CHICOSA CREEK NEAR FOWLER, COLO.

LOCATION.--Lat 38°08'57", long 104°04'47", in SE¼NE¼ sec.11, T.22 S., R.60 W., Pueblo County, near center of span on downstream side of bridge on U.S. Highway 50, 0.6 mi (1.0 km) upstream from mouth and 3.4 mi (5.5 km) northwest of Fowler.

DRAINAGE AREA.--109 mi² (282 km²).

REMARKS.--Natural flow of stream affected by diversions for irrigation of about 1,000 acres (4.05 km²) above station, return flow from areas above station irrigated by water imported from the Arkansas and Huerfano Rivers, and diversions from Arkansas River wasted into Chicosa Creek above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHICOSA CREEK NEAR FOWLER, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1969							1	1	1	3	29	28	61	80	46	25	28	14	14	6	2	9	4	5	4	1	2								1
1970								2	4	1	14	34	70	79	45	30	27	12	16	12	1	3	1	3	1	3	3	1	1	2					
1971			2	6	4	2	2	1	2	4	18	18	43	44	65	33	26	20	19	12	10	7	3	2	7	5	4	3	1	1		1			
1972								1	4	13	13	13	48	56	74	35	27	18	15	12	5	7	2	3	5	1	6	3	4			1			
1973										18	67	34	39	38	25	22	19	12	15	9	7	8	11	4	5	9	6	9	5		2			1	
1974						10	13	20	18	14	40	40	38	32	54	33	14	5	4	4	6	2		6	2	8	2								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2191	100.0	12	1.7	299	1696	77.4	24	15	24	110	5.0
1	0.10	0	2191	100.0	13	2.1	329	1397	63.8	25	18	27	86	3.9
2	0.20	2	2191	100.0	14	2.5	309	1068	48.7	26	22	23	59	2.6
3	0.30	6	2189	99.9	15	3.0	178	759	34.6	27	26	16	36	1.6
4	0.40	4	2183	99.6	16	3.6	141	581	26.5	28	31	11	20	.9
5	0.50	12	2179	99.5	17	4.3	81	440	20.1	29	37	3	9	.4
6	0.60	16	2167	98.9	18	5.1	83	359	16.4	30	45	2	6	.2
7	0.70	25	2151	98.2	19	6.2	55	276	12.6	31	54	2	4	.1
8	0.80	29	2126	97.0	20	7.4	31	221	10.1	32	64		2	
9	1.00	53	2097	95.7	21	8.8	36	190	8.7	33	77	2	2	
10	1.20	181	2044	93.3	22	11.0	21	154	7.0	34				
11	1.50	167	1863	85.0	23	13.0	23	133	6.1					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHICOSA CREEK NEAR FOWLER, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1969	93.0	1	37.0	3	18.0	6	11.0	6	8.8	6	5.6	6	5.0	6	4.9	5	4.5	5
1970	41.0	5	28.0	5	19.0	5	15.0	5	9.2	5	5.9	5	5.2	5	4.6	6	4.7	4
1971	56.0	4	36.0	4	24.0	3	17.0	4	13.0	3	8.6	3	6.7	3	5.6	3	5.3	3
1972	59.0	3	42.0	1	33.0	1	23.0	2	18.0	2	11.0	2	8.1	2	6.9	2	5.7	2
1973	77.0	2	39.0	2	32.0	2	28.0	1	23.0	1	18.0	1	15.0	1	12.0	1	9.3	1
1974	25.0	6	20.0	6	20.0	4	17.0	3	12.0	4	7.0	4	5.5	4	4.9	4	4.3	6

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHICOSA CREEK NEAR FOWLER, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1970	0.67	3	0.79	3	1.30	5	1.40	5	1.60	3	2.00	3	2.20	2	2.20	2	3.00	2
1971	0.20	1	0.25	1	0.46	2	0.97	1	1.90	5	2.60	5	2.80	5	2.80	4	3.50	4
1972	0.30	2	0.31	2	0.42	1	1.20	4	1.60	4	2.10	4	2.30	3	3.00	5	3.30	3
1973	0.94	5	1.00	5	1.10	4	1.10	2	1.20	1	1.40	1	1.40	1	1.40	1	1.60	1
1974	0.81	4	0.81	4	0.84	3	1.10	3	1.40	2	1.90	2	2.30	4	2.30	3	3.90	5

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
2.65	2.82	4.41	2.50	4.06	4.45	2.77	3.36	9.16	7.34	2.76	2.89
1.15	2.46	14.3	1.17	6.91	2.35	0.55	3.50	60.9	20.0	1.45	3.52
1.07	1.57	3.78	1.08	2.63	1.53	0.74	1.87	7.81	4.47	1.20	1.88
1.62	1.66	1.31	1.30	1.31	0.13	0.93	2.20	1.44	0.09	1.07	1.11
0.40	0.56	0.86	0.43	0.65	0.34	0.27	0.56	0.85	0.61	0.44	0.65
5.39	5.72	8.98	5.08	8.26	9.05	5.64	6.83	18.6	14.9	5.61	5.88

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.40	0.40	0.52	0.37	0.53	0.63	0.43	0.48	0.85	0.76	0.41	0.38
0.02	0.05	0.12	0.03	0.09	0.03	0.01	0.04	0.11	0.15	0.04	0.10
0.16	0.21	0.34	0.18	0.29	0.16	0.11	0.19	0.32	0.38	0.19	0.32
0.95	0.78	0.76	0.47	-0.31	-0.45	0.46	1.73	1.08	-1.46	-0.44	-0.68
0.39	0.53	0.66	0.48	0.55	0.25	0.26	0.40	0.38	0.50	0.48	0.84
6.47	6.53	8.51	5.96	8.64	10.2	6.99	7.88	13.8	12.4	6.59	6.11

07117600 CHICOSA CREEK NEAR FOWLER, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
4.09	0.83	0.91	0.57	0.22	-0.335

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.60	0.01	0.10	0.15	0.16	-0.351

07118000 APISHAPA RIVER NEAR AGUILAR, COLO.

LOCATION.--Lat 37°23'11", long 104°39'55", in NW¼SW¼ sec.4, T.31 S., R.65 W., Las Animas County, 1.5 mi (2.4 km) southwest of Aguilar and 1.4 mi (2.3 km) downstream from Mauricio Canyon Creek.

DRAINAGE AREA.--126 mi² (326 km²).

REMARKS.--Diversions for irrigation of about 1,600 acres (6.48 km²) above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
APISHAPA RIVER NEAR AGUILAR, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1940	18	90	87	19	27	4	5	5	9	4	13	10	10	15	13	11	7	7	5	7															
1941	40	4	84	10	17	3	6	14	5	4	13	6	15	9	18	7	13	15	11	9	14	17	14	1	3	8	4		1						
1942							5	11	6	5	6	10	31	32	42	37	43	24	12	19	13	13	9	15	7	3	12	6			2	1	1		
1943	1	8	10	18	22	18	22	15	15	13	7	30	47	37	30	27	28	7	4	1	1	1		1	1	1									
1944			2	4	19	55	15	31	39	23	15	25	22	21	16	4	2	5	10	8	5	15	13	7	6	2	2								
1945	4		5	5	4	12	44	15	19	39	25	29	40	35	25	18	11	10	1	11	4	4		2	1		1				1				
1946	1	53	35	12	7	13	13	25	19	19	43	62	15	25	14	3	1	1	2	1							1								
1947			6	13	9	7	15	14	5	12	17	43	31	32	30	19	32	8	8	11	13	18	10	6	6										
1948			3	5	26	25	33	34	30	16	19	15	17	26	22	14	16	41	7	4	1		2	3	4	3									
1949			1	7	26	28	44	53	45	31	29	18	9	5	9	4	7	7	3	8		6	4	4	13	3			1						
1950	1	9	65	70	52	43	45	44	17	9	5	1	1	1				1		1															

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	65	4018	100.0	12	3.9	238	1578	39.3	24	110	41	94	2.3
1	0.10	164	3953	98.4	13	5.2	238	1340	33.3	25	150	20	53	1.3
2	0.20	298	3789	94.3	14	6.8	219	1102	27.4	26	200	20	33	.8
3	0.30	163	3491	86.9	15	9.1	144	883	22.0	27	270	6	13	.3
4	0.40	209	3328	82.8	16	12.0	160	739	18.4	28	350	2	7	.1
5	0.50	208	3119	77.6	17	16.0	126	579	14.4	29	470		5	.1
6	0.70	247	2911	72.4	18	21.0	63	453	11.3	30	620	3	5	.1
7	1.00	261	2664	66.3	19	28.0	80	390	9.7	31	820	1	2	
8	1.30	209	2403	59.8	20	37.0	51	310	7.7	32	1100	1	1	
9	1.70	175	2194	54.6	21	49.0	74	259	6.4	33				
10	2.20	192	2019	50.2	22	65.0	52	185	4.6	34				
11	2.90	249	1827	45.5	23	86.0	39	133	3.3					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
APISHAPA RIVER NEAR AGUILAR, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1940	36.0	10	35.0	10	33.0	10	24.0	9	17.0	9	13.0	8	10.0	9	8.2	9	5.6	9
1941	350.0	4	231.0	3	206.0	2	171.0	2	121.0	2	91.0	2	66.0	2	54.0	2	38.0	2
1942	1770.0	1	1220.0	1	765.0	1	488.0	1	339.0	1	212.0	1	156.0	1	123.0	1	85.0	1
1943	180.0	7	79.0	8	38.0	8	33.0	8	20.0	8	13.0	9	12.0	8	10.0	8	8.3	8
1944	228.0	5	144.0	6	123.0	6	92.0	6	85.0	3	64.0	3	50.0	3	40.0	3	29.0	3
1945	674.0	2	258.0	2	148.0	4	107.0	4	[illegible]	6	29.0	7	20.0	7	20.0	7	16.0	7
1946	227.0	6	77.0	9	33.0	9	17.0	10	15.0	10	6.7	10	4.6	10	4.0	10	3.7	10
1947	144.0	9	118.0	7	100.0	7	74.0	7	58.0	5	43.0	5	36.0	5	36.0	4	27.0	4
1948	172.0	8	167.0	5	142.0	5	92.0	5	51.0	7	31.0	6	26.0	6	23.0	6	18.0	6
1949	407.0	3	175.0	4	149.0	3	123.0	3	70.0	4	56.0	4	41.0	4	36.0	5	25.0	5
1950	29.0	11	10.0	11	4.7	11	2.8	11	2.4	11	1.5	11	1.1	11	1.0	11	1.0	11

07118000 APISHAPA RIVER NEAR AGUILAR, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
APISHAPA RIVER NEAR AGUILAR, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1941	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.07	1	0.12	1	0.15	1	0.19	1
1942	0.00	2	0.80	8	0.90	8	1.10	8	2.60	9	3.80	9	4.90	9	5.80	9	6.40	9
1943	3.00	10	3.30	10	3.40	10	3.40	10	3.80	10	4.60	10	5.80	10	6.50	10	8.30	10
1944	0.00	3	0.10	4	0.17	4	0.29	5	0.35	5	0.46	3	0.56	4	0.63	2	1.20	4
1945	0.80	9	0.87	9	0.94	9	1.10	9	1.10	8	1.50	8	1.60	8	2.70	8	3.50	8
1946	0.00	4	0.00	2	0.11	3	0.23	3	0.34	4	0.72	6	1.00	7	1.50	7	2.40	5
1947	0.00	5	0.07	3	0.09	2	0.09	2	0.15	2	0.26	2	0.37	2	1.30	6	2.60	6
1948	0.20	6	0.27	6	0.34	6	0.51	7	0.74	7	0.87	7	0.89	6	1.20	5	3.00	7
1949	0.30	8	0.30	7	0.34	7	0.39	6	0.41	6	0.50	5	0.64	5	0.69	4	0.90	3
1950	0.20	7	0.23	5	0.26	5	0.28	4	0.33	3	0.49	4	0.56	3	0.65	3	0.82	2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.47	2.85	2.86	3.19	4.23	7.18	33.5	45.2	20.5	12.6	13.4	5.56
17.6	14.4	8.57	8.32	8.64	79.6	5589	2886	580	168	322	47.4
4.19	3.79	2.93	2.89	2.94	8.92	74.8	53.7	24.1	13.0	17.9	6.89
1.93	1.80	1.03	0.78	0.60	2.49	3.24	1.29	1.10	0.86	1.71	1.76
1.70	1.33	1.03	0.91	0.70	1.24	2.23	1.19	1.17	1.03	1.34	1.24
1.61	1.86	1.86	2.07	2.75	4.67	21.8	29.4	13.4	8.22	8.74	3.62

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
-0.15	0.09	0.19	0.25	0.48	0.65	0.98	1.15	0.71	0.70	0.66	0.35
0.60	0.39	0.30	0.33	0.19	0.19	0.48	0.80	0.91	0.56	0.65	0.46
0.77	0.62	0.54	0.57	0.43	0.43	0.69	0.90	0.95	0.75	0.81	0.68
-0.18	0.05	-0.07	-0.71	-1.24	0.34	0.29	-0.78	-0.22	-0.35	-0.64	-0.06
-5.09	6.74	2.85	2.26	0.89	0.67	0.71	0.78	1.34	1.06	1.22	1.92
-2.49	1.52	3.14	4.17	7.96	10.6	16.1	19.0	11.7	11.5	10.9	5.83

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
12.8	157	12.5	2.07	0.98	-0.073

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.91	0.24	0.49	-0.78	0.53	-0.217

07119000 APISHAPA RIVER NEAR WHITE ROCK, COLO.

LOCATION.--Lat 37°46'13", long 104°07'36", in NW¼ sec.21, T.26 S., R.60 W., Pueblo County, 3.4 mi (5.5 km) upstream from Buffalo Arroyo and 7 mi (11 km) south of White Rock.

DRAINAGE AREA.--737 mi² (1,909 km²).

REMARKS.--Diversions for irrigation of about 4,000 acres (16.2 km²) above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
APISHAPA RIVER NEAR WHITEROCK, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1943	202	11	18		8	1	11	15	10	21	4	4	1	10	16	10	6	3	4		2	1	1	2		1				3					
1944	204	31	12	13	3	3	6	7	5	3	5		3	1	8	12	7	9	11	4	2	5	1	5	2	2	1				1				
1945	220	2	15		14		15	5	10	7	14	8	11	7	5	5	4	6	1	1	2	1		3		5	2	1		1					
1946	276	3	2	1	8	2	5	11	8	9	7	4	6	4	1	2	2	1		1	1	3	1	1	2	2	2								
1947	180	20	9	4	11	7	9	7	10	8	7	3	14	15	9	12	11	6	2	7	7		2	2	1	1				1					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1082	1826	100.0	12	3.9	35	308	16.9	24	120	5	28	1.5
1	0.10	67	744	40.7	13	5.2	37	273	15.0	25	150	11	23	1.2
2	0.20	56	677	37.1	14	6.9	39	236	12.9	26	200	5	12	.6
3	0.30	18	621	34.0	15	9.1	41	197	10.8	27	270	1	7	.3
4	0.40	44	603	33.0	16	12.0	30	156	8.5	28	360		6	.3
5	0.50	13	559	30.6	17	16.0	25	126	6.9	29	470	5	6	.3
6	0.70	46	546	29.9	18	21.0	18	101	5.5	30	630	1	1	
7	1.00	45	500	27.4	19	28.0	13	83	4.5	31	830			
8	1.30	43	455	24.9	20	37.0	14	70	3.8	32	1100			
9	1.70	48	412	22.6	21	49.0	10	56	3.1	33				
10	2.20	37	364	19.9	22	66.0	5	46	2.5	34				
11	2.90	19	327	17.9	23	87.0	13	41	2.2					

07119000 APISHAPA RIVER NEAR WHITE ROCK, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
APISHAPA RIVER NEAR WHITEROCK, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1943	516.0	4	374.0	1	178.0	1	89.0	2	49.0	3	26.0	4	18.0	4	14.0	4	9.1	4
1944	720.0	1	277.0	3	152.0	2	95.0	1	57.0	2	42.0	2	34.0	1	27.0	1	19.0	1
1945	545.0	3	298.0	2	130.0	5	83.0	4	72.0	1	43.0	1	33.0	2	25.0	2	17.0	2
1946	261.0	5	182.0	5	152.0	3	88.0	3	45.0	4	22.0	5	16.0	5	13.0	5	8.6	5
1947	562.0	2	266.0	4	134.0	4	81.0	5	45.0	5	30.0	3	22.0	3	19.0	3	12.0	3

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
APISHAPA RIVER NEAR WHITEROCK, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1944	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.04	1
1945	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.40	4	0.42	4	0.56	4	0.69	3
1946	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.02	3	0.06	3	0.16	2	0.64	2
1947	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.01	2	0.04	2	0.20	3	0.96	4

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
10.0	2.01	0.67	0.47	0.35	0.37	1.54	10.1	10.4	17.5	24.9	9.35
379	7.80	0.46	0.47	0.10	0.20	9.94	251	106	302	393	386
19.5	2.79	0.68	0.68	0.31	0.45	3.15	15.8	10.3	17.4	19.8	19.7
2.21	0.73	0.47	1.94	1.16	1.54	2.23	1.96	1.19	0.34	-0.54	2.23
1.94	1.39	1.01	1.47	0.89	1.22	2.04	1.57	1.00	0.99	0.80	2.10
11.4	2.29	0.77	0.53	0.40	0.42	1.76	11.5	11.8	20.0	28.4	10.7

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.40	0.28	-0.19	-0.77	-0.65	-0.91	-0.29	0.24	0.82	0.85	1.13	-0.12
0.59	0.15	0.21	0.55	0.29	0.82	0.54	1.75	0.29	0.69	0.49	1.36
0.77	0.38	0.46	0.74	0.54	0.91	0.73	1.32	0.53	0.83	0.70	1.16
1.26	0.66	-1.50	0.13	-1.01	-0.67	1.18	-1.25	-0.79	-0.82	-1.38	0.77
1.90	1.38	-2.36	-0.96	-0.82	-0.99	-2.51	5.47	0.65	0.98	0.62	-9.55
52.1	36.0	-25.0	-98.8	-84.2	-118	-37.7	31.2	105	109	145	-15.7

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
7.37	3.30	1.82	-0.63	0.25	0.083

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.86	0.01	0.12	-1.06	0.14	0.035

07119500 APISHAPA RIVER NEAR FOWLER, COLO.

LOCATION.--Lat 38°05'28", long 103°58'52", in SE¼NW¼ sec.35, T.22 S., R.59 W., Otero County, near right bank on downstream side of county highway bridge, 3.5 mi (5.6 km) southeast of Fowler and 5.4 mi (8.7 km) upstream from mouth.

DRAINAGE AREA.--1,125 mi² (2,914 km²).

REMARKS.--Waste water from Oxford Farmers Co. and Rocky Ford Highline canals enters river above station. Diversions above station for irrigation of about 4,700 acres (19.0 km²).

07119500 APISHAPA RIVER NEAR FOWLER, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
APISHAPA RIVER NEAR FOWLER, CO.

NUMBER OF DAYS IN CLASS

CLASS / YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1923									1		14	49	28	21	48	58	59	28	16	18	8	3	6	2	2	2						1		1	
1924										57	24	24	21	14	14	37	43	62	16	22	18	11	2	1											
1925									81	65	57	34	31	24	13	16	8	6	6	4	5		2	3		4	4	1	1						
1940						24	36	45	63	60	39	30	14	7	10	8	11	5		4	2	2	2			1	1	1	1						
1941								1	31	34	25	25	30	15	37	46	16	20	30	14	12	10	9	2	1	6	1								
1942								1		12	7	18	46	25	27	47	45	45	15	24	14	6	3	13	4	2	5	1	2		3				
1943					8	23		20		43	10	17	24	39	16	20	42	63	29	5	2	1		1			2								
1944							1	3	10	28	35	21	26	38	34	57	49	19	7	12	15	4	3	3		1									
1945		2							22	34	19	22	42	41	52	49	26	22	8	6	3	5	3	2	3		2	1			1				
1946				1	1		1	36	52	24	23	41	37	20	45	31	25	11	5	1	5	1	2					3							
1947				2	1	3	4	11	21	19	19	22	28	36	45	39	31	27	21	10	12	7	4	2				1							
1948							6	10	11	32	32	19	29	36	29	44	41	22	16	12	9	3	6	2	2	3		1		1					
1949							4	6	30	62	49	43	18	9	26	27	21	25	16	5	6	5	6	1	4	1			1						
1950						3	3	12	33	68	38	11	18	20	29	28	34	33	7	3	9	5	2	2	2	2	1	1	1						
1951	1	1	7	2	2		17	27	28	54	52	30	22	15	23	22	14	16	7	3	7	3	4	1	2			3	1		1				
1952					2	4	5	26	16	26	65	49	37	23	32	32	14	26	4		2	2				1									
1953							2	6	98	103	41	23	29	14	8	14	11	2	4	2	3	1	1	2				1							
1954						3	27	92	53	53	57	37	10	10	9	6	2	1		1	1		1					1	1						
1955					1	10	72	120	32	18	8	8	11	12	10	6	4	5	5	13	13	3	4	3			3	1		1	1			1	
1956							28	59	39	40	37	52	15	14	35	21	6	8	4	1	2	1	1		1	1			1						
1957							20	36	59	29	16	32	17	13	11	19	30	22	16	9	5	12	2	9	4	1	2								
1958					1	1	1	2	4	23	16	21	15	22	58	59	45	37	25	13	8	4	1	1		1	2	3	1		1				
1959				1	4	5	12	25	42	42	31	48	29	29	46	29	8	11	2			1													
1960							3	20	48	45	36	29	32	37	38	33	28	11		3	1						1		1						
1961							1	19	38	23	17	40	25	28	46	59	34	7	14	6		2	2	1		3									
1962								2	25	63	15	16	31	40	45	41	40	9	18	10	7		2						1						
1963							9	30	75	31	18	30	28	28	54	33	11	6	2	2	4		1	1	1	1									
1964						19	65	26	34	27	40	69	37	17	15	14	1		1					1											
1965					1	4	29	40	21	12	19	35	38	24	37	34	12	16	6	8	7	7	6	2	1	2	2	1				1			
1966					2	2	3	21	43	30	21	18	15	17	36	36	20	31	23	15	20	3	1	1	2	2		1	2						
1967						2	17	26	33	23	25	17	22	14	49	63	27	6	10	8	8	4	6	1		3	1								
1968								8	53	62	38	22	22	25	48	31	26	17	6	3	2		2			1									
1969							1	3	16	38	30	26	36	24	39	48	45	20	13	11	6	5	2		1		1								
1970									7	20	19	19	24	46	47	49	58	43	19	6	6	1			1										
1971									41	58	45	16	14	15	30	34	26	30	32	20	3	1													
1972					1		1	1	16	89	61	26	21	25	27	28	31	30	6						2			1							
1973				2		1	1	2	2	60	63	38	27	25	37	28	30	19	14	11	5														
1974							1	82	55	30	26	18	22	15	41	24	23	18	6	4															
1975							1	31	66	43	52	34	38	19	20	18	11	2	10	18	1		1												

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1	14245	100.0	12	6.2	1009	7631	53.6	24	380	33	149	1.0
1	0.10	3	14244	100.0	13	8.7	896	6622	46.5	25	540	38	116	.8
2	0.20	7	14241	100.0	14	12.0	1266	5726	40.2	26	770	28	78	.5
3	0.30	8	14234	99.9	15	17.0	1288	4460	31.3	27	1100	22	50	.3
4	0.40	24	14226	99.9	16	25.0	1008	3172	22.3	28	1500	15	28	.1
5	0.60	104	14202	99.7	17	35.0	781	2164	15.2	29	2200	2	13	
6	0.80	371	14098	99.0	18	49.0	439	1383	9.7	30	3000	7	11	
7	1.10	849	13727	96.4	19	69.0	307	944	6.6	31	4300	2	4	
8	1.60	1299	12878	90.4	20	97.0	231	637	4.5	32	6000		2	
9	2.20	1580	11579	81.3	21	140.0	113	406	2.9	33	8500	2	2	
10	3.10	1239	9999	70.2	22	190.0	87	293	2.1	34				
11	4.40	1129	8760	61.5	23	270.0	57	206	1.4					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
APISHAPA RIVER NEAR FOWLER, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1923	8520.0	2	4920.0	2	2320.0	2	1170.0	2	647.0	3	353.0	2	249.0	3	196.0	3	132.0	3
1924	354.0	34	195.0	33	152.0	31	119.0	29	94.0	24	80.0	19	63.0	19	54.0	19	43.0	18
1925	1540.0	18	973.0	13	645.0	8	527.0	5	326.0	5	195.0	6	133.0	9	104.0	9	69.0	11
1940	2110.0	10	1150.0	7	521.0	14	268.0	14	165.0	14	107.0	16	79.0	17	60.0	18	41.0	19
1941	787.0	26	512.0	21	409.0	16	254.0	16	146.0	16	113.0	15	90.0	15	101.0	10	79.0	7
1942	3850.0	4	3010.0	3	1870.0	3	1150.0	3	685.0	1	376.0	1	275.0	2	253.0	1	188.0	1
1943	996.0	24	504.0	23	251.0	24	139.0	25	87.0	27	61.0	25	47.0	24	38.0	26	39.0	20
1944	686.0	29	369.0	28	220.0	28	178.0	18	100.0	21	81.0	18	77.0	18	66.0	17	50.0	16
1945	3390.0	5	1330.0	6	867.0	6	474.0	8	303.0	10	188.0	8	137.0	8	106.0	8	72.0	10
1946	1270.0	22	489.0	24	261.0	22	136.0	26	126.0	19	65.0	24	62.0	20	49.0	20	34.0	23
1947	1460.0	19	608.0	19	315.0	19	174.0	21	98.0	22	94.0	17	79.0	16	73.0	16	53.0	15
1948	2320.0	8	1060.0	11	634.0	9	477.0	6	305.0	8	164.0	10	131.0	10	101.0	11	76.0	9
1949	1910.0	13	896.0	14	549.0	13	374.0	11	208.0	13	129.0	13	95.0	14	78.0	14	56.0	13
1950	1660.0	17	1030.0	12	555.0	12	308.0	13	209.0	12	136.0	12	112.0	11	90.0	12	60.0	12
1951	3280.0	6	2040.0	4	1110.0	4	568.0	4	303.0	9	206.0	5	152.0	7	117.0	7	78.0	8
1952	549.0	31	228.0	31	106.0	33	62.0	35	40.0	36	34.0	36	27.0	36	27.0	34	20.0	33
1953	1350.0	20	519.0	20	255.0	23	126.0	27	83.0	28	53.0	29	45.0	28	35.0	31	24.0	30
1954	2000.0	11	1140.0	8	501.0	15	255.0	15	134.0	17	68.0	22	47.0	25	36.0	30	24.0	31
1955	10100.0	1	5050.0	1	2360.0	1	1200.0	1	653.0	2	333.0	3	283.0	1	219.0	2	144.0	2

07119500 APISHAPA RIVER NEAR FOWLER, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
APISHAPA RIVER NEAR FOWLER, CO.

YEAR	1	3	7	15	30	60	90	120	183
1956	1770.0 14	696.0 17	347.0 18	215.0 17	128.0 18	73.0 21	53.0 23	40.0 24	28.0 28
1957	1670.0 15	775.0 15	571.0 11	450.0 9	336.0 4	189.0 7	155.0 6	124.0 6	86.0 6
1958	3010.0 7	1140.0 9	652.0 7	389.0 10	318.0 6	180.0 9	164.0 5	135.0 5	95.0 4
1959	144.0 37	64.0 39	41.0 39	27.0 39	19.0 39	14.0 38	12.0 38	13.0 38	11.0 38
1960	2130.0 9	767.0 16	348.0 17	177.0 19	92.0 25	59.0 26	46.0 26	37.0 27	27.0 29
1961	748.0 27	445.0 26	223.0 26	174.0 20	101.0 20	67.0 23	59.0 21	47.0 22	32.0 24
1962	1670.0 16	621.0 18	288.0 20	144.0 24	92.0 26	59.0 27	45.0 27	37.0 28	29.0 26
1963	603.0 30	272.0 30	161.0 30	90.0 31	67.0 31	47.0 32	36.0 33	29.0 33	19.0 34
1964	359.0 33	127.0 34	57.0 38	33.0 38	20.0 38	11.0 39	8.9 39	7.8 39	7.2 39
1965	5100.0 3	1910.0 5	935.0 5	475.0 7	316.0 7	229.0 4	175.0 4	136.0 4	91.0 5
1966	1960.0 12	1110.0 10	601.0 10	315.0 12	242.0 11	150.0 11	108.0 12	83.0 13	55.0 14
1967	1000.0 23	386.0 27	247.0 25	163.0 22	149.0 15	117.0 14	95.0 13	73.0 15	49.0 17
1968	744.0 28	343.0 29	222.0 27	123.0 28	72.0 30	40.0 34	29.0 34	23.0 35	17.0 35
1969	938.0 25	511.0 22	284.0 21	157.0 23	98.0 23	74.0 20	56.0 22	48.0 21	39.0 21
1970	419.0 32	206.0 32	114.0 32	81.0 33	51.0 35	49.0 31	41.0 31	38.0 25	30.0 25
1971	184.0 36	108.0 37	87.0 35	62.0 36	54.0 34	44.0 33	44.0 29	42.0 23	35.0 22
1972	1350.0 21	483.0 25	211.0 29	101.0 30	60.0 33	52.0 30	40.0 32	33.0 32	22.0 32
1973	123.0 38	111.0 36	90.0 34	88.0 32	73.0 29	53.0 28	42.0 30	37.0 29	28.0 27
1974	79.0 39	75.0 38	61.0 37	46.0 37	35.0 37	26.0 37	21.0 37	18.0 37	17.0 36
1975	244.0 35	119.0 35	80.0 36	77.0 34	64.0 32	36.0 35	28.0 35	22.0 36	16.0 37

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
APISHAPA RIVER NEAR FOWLER, CO.

YEAR	1	3	7	14	30	60	90	120	183
1923	2.00 36	3.70 37	4.60 37	4.90 36	6.00 35	7.40 31	9.90 30	17.00 34	18.00 30
1924	3.00 38	3.00 35	4.10 35	4.80 35	5.60 34	11.00 36	19.00 36	24.00 36	40.00 38
1925	2.00 37	3.00 36	3.00 34	3.00 32	3.00 27	3.20 19	5.30 18	6.30 14	6.30 11
1941	0.61 16	0.64 8	0.69 5	0.81 4	1.40 10	3.00 17	4.50 12	10.00 26	14.00 27
1942	1.40 32	1.90 32	2.40 32	3.00 33	5.50 33	8.40 32	9.90 31	15.00 32	21.00 33
1943	1.40 33	4.10 38	6.00 38	7.90 38	9.10 38	12.00 37	20.00 37	26.00 37	38.00 36
1944	0.41 8	0.40 3	0.47 2	1.30 15	1.80 13	3.20 18	5.40 19	8.80 21	11.00 19
1945	0.11 2	1.10 25	2.00 28	2.20 26	2.60 25	4.70 25	5.40 20	9.70 23	11.00 20
1946	0.31 4	0.64 9	1.90 27	2.70 30	5.20 32	5.70 27	6.20 22	8.40 20	12.00 23
1947	0.31 5	0.60 6	1.30 18	1.50 17	1.90 20	2.80 14	7.00 24	8.10 19	11.00 21
1948	0.31 6	1.00 19	1.10 14	1.50 18	3.00 26	5.90 29	8.30 28	9.70 24	15.00 29
1949	0.91 23	0.94 16	1.10 15	1.40 16	2.50 24	2.90 16	5.60 21	5.80 12	5.80 8
1950	1.20 29	1.80 31	2.10 29	2.80 31	3.10 28	8.50 33	11.00 32	12.00 30	14.00 28
1951	0.00 1	0.10 1	0.16 1	0.51 1	1.80 14	2.20 7	7.20 25	8.00 18	8.30 15
1952	0.51 13	0.70 12	0.84 11	1.10 10	1.20 6	3.30 20	4.90 15	5.10 8	6.90 13
1953	0.51 14	1.30 28	1.40 22	1.60 19	1.80 15	2.30 8	2.50 5	2.80 5	3.50 5
1954	0.81 20	1.10 20	1.40 23	1.70 23	1.80 16	2.80 15	3.80 10	3.70 6	3.90 6
1955	0.71 18	0.70 13	0.83 9	0.93 8	1.10 5	1.50 3	1.50 3	1.50 2	2.50 2
1956	0.51 15	0.64 10	0.77 6	0.81 5	0.94 3	2.60 11	4.50 13	6.60 16	6.00 9
1957	0.81 19	0.80 15	0.80 8	0.81 6	0.87 1	1.10 1	1.20 1	1.40 1	2.20 1
1958	0.41 9	0.67 11	4.40 36	5.70 37	7.40 36	12.00 38	12.00 34	15.00 33	19.00 31
1959	1.60 34	2.00 33	2.10 30	2.30 27	3.70 30	4.40 23	6.40 23	6.60 17	8.30 16
1960	0.31 7	0.37 2	0.49 3	0.66 2	1.50 11	2.60 12	5.20 16	6.30 15	8.40 17
1961	0.91 24	1.10 21	1.50 24	1.70 24	1.80 17	4.60 24	5.30 17	10.00 25	13.00 24
1962	1.00 27	1.10 22	1.30 19	1.60 20	1.60 12	3.70 22	8.20 27	8.90 22	23.00 34
1963	1.20 30	1.20 26	1.30 20	2.40 28	2.40 23	2.50 9	3.70 9	6.20 13	7.10 14
1964	0.90 21	0.97 17	1.00 12	1.10 9	2.00 21	2.10 6	3.10 7	5.40 9	6.30 10
1965	0.51 10	0.63 7	0.67 4	0.74 3	0.94 2	1.70 4	1.80 4	2.20 4	3.30 4
1966	0.90 22	0.97 18	1.10 13	1.20 11	1.30 7	5.70 28	23.00 38	31.00 38	38.00 37
1967	0.51 11	0.53 4	0.77 7	1.20 12	1.40 8	2.00 5	4.20 11	11.00 27	13.00 25
1968	0.65 17	0.75 14	0.84 10	0.91 7	1.00 4	6.90 30	8.40 29	11.00 28	14.00 26
1969	0.95 25	1.50 29	1.60 25	1.70 21	1.90 18	3.30 21	4.60 14	5.70 11	12.00 22
1970	1.40 31	1.70 30	2.10 31	2.70 29	4.90 31	8.80 34	11.00 33	13.00 31	19.00 32
1971	1.70 35	2.20 34	2.70 33	3.80 34	7.80 37	11.00 35	19.00 35	20.00 35	27.00 35
1972	0.51 12	1.10 23	1.70 26	1.80 25	1.90 19	2.50 10	3.10 8	5.60 10	6.70 12
1973	0.30 3	0.53 5	1.30 21	1.70 22	2.40 22	2.80 13	3.00 6	3.90 7	5.30 7
1974	1.10 28	1.20 27	1.20 16	1.20 13	3.60 29	5.60 26	8.00 26	11.00 29	11.00 18
1975	1.00 26	1.10 24	1.20 17	1.30 14	1.40 9	1.50 2	1.50 2	1.60 3	3.10 3

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
16.2	20.4	15.2	9.11	12.9	12.1	24.3	46.7	55.2	63.9	79.0	22.9
396	316	145	45.2	113	142	7147	9692	5212	4564	12170	1075
19.9	17.8	12.0	6.72	10.7	11.9	84.5	98.4	72.2	67.6	110	32.8
2.35	1.86	1.48	1.61	2.37	2.37	5.92	4.45	2.15	1.75	3.52	2.45
1.23	0.87	0.79	0.74	0.83	0.99	3.49	2.11	1.31	1.06	1.40	1.43
4.29	5.39	4.03	2.41	3.41	3.19	6.42	12.4	14.6	16.9	20.9	6.06

07119500 APISHAPA RIVER NEAR FOWLER, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.94	1.14	1.04	0.86	0.99	0.92	0.80	1.17	1.43	1.53	1.56	1.00
0.25	0.18	0.14	0.09	0.11	0.15	0.33	0.44	0.32	0.34	0.38	0.33
0.50	0.43	0.38	0.30	0.33	0.39	0.57	0.66	0.56	0.58	0.61	0.58
0.07	-0.72	-0.51	0.22	-0.22	-0.03	1.16	0.31	-0.22	-0.70	-0.44	0.31
0.53	0.38	0.36	0.34	0.34	0.43	0.71	0.57	0.39	0.38	0.39	0.58
7.04	8.52	7.81	6.43	7.42	6.84	6.01	8.75	10.7	11.4	11.7	7.45

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
31.7	418	20.4	1.61	0.65	0.102

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.42	0.07	0.27	-0.10	0.19	0.173

07119700 ARKANSAS RIVER AT CATLIN DAM, NEAR FOWLER, COLO.

LOCATION.--Lat 38°07'33", long 103°54'41", in NW¼NW¼ sec.21, T.22 S., R.58 W., Otero County, 600 ft (180 m) downstream from gage on Catlin Canal, on right bank 2.2 mi (3.5 km) downstream from diversion dam for Catlin Canal, 2.3 mi (3.7 km) downstream from Apishapa River, and 6.0 mi (9.7 km) east of Fowler.

DRAINAGE AREA.--10,901 mi² (28,234 km²), of which 54 mi² (140 km²) is probably noncontributing.

REMARKS.--Discharge computed by combining discharge of river below canal with that of Catlin Canal. Natural flow of stream affected by transmountain diversions, storage reservoirs, ground-water withdrawals and diversions for irrigation, and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT CATLIN DAM, NEAR FOWLER, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1965						1	6	11	13	24	8	19	60	42	11	21	15	8	24	15	7	7	10	14	11	6	9	10	4	1	1	1	3	1	2
1966									2	3	8	31	20	16	38	42	93	65	23	10	5	1		2	2	1	1	1	1						
1967			3	1	8	7	15	10	9	9	19	19	58	36	46	30	11	23	21	17	8	8	2	2	2			1							
1968					2	3	4	1	3	10	21	25	38	53	64	19	17	20	10	10	16	26	11	10	2		1								
1969							1	3	2	7	12	28	37	56	45	45	16	15	11	14	31	23	12	4	2			1							
1970												2	2	5	33	58	39	44	50	40	27	13	14	17	10	7	4								
1971											3	11	21	43	62	75	30	24	17	20	27	14	16	2											
1972								2	8	14	34	30	42	75	31	37	33	14	6	7	8	4	15	5				1							
1973									11	11	12	41	32	27	49	39	23	18	4	10	12	16	17	20	9	5	5	4							
1974		4		4	4	8	5	4	6	16	13	10	29	62	58	41	50	17	18	5	2	8	1												
1975							5	11	10	14	10	37	26	59	63	30	7	13	7	10	5	6	7	23	16	4	1	1							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4017	100.0	12	230.0	365	3329	82.9	24	2100	54	131	3.2
1	30.00	4	4017	100.0	13	270.0	474	2964	73.8	25	2500	23	77	1.9
2	36.00	3	4013	99.9	14	330.0	500	2490	62.0	26	3000	21	54	1.3
3	43.00	5	4010	99.8	15	400.0	437	1990	49.5	27	3600	19	33	.8
4	52.00	14	4005	99.7	16	480.0	334	1553	38.7	28	4400	5	14	.3
5	63.00	19	3991	99.4	17	570.0	261	1219	30.3	29	5200	1	9	.2
6	75.00	36	3972	98.9	18	690.0	191	958	23.8	30	6300	1	8	.1
7	91.00	42	3936	98.0	19	830.0	158	767	19.1	31	7600	1	7	.1
8	110.00	64	3894	96.9	20	1000.0	148	609	15.2	32	9100	3	6	.1
9	130.00	108	3830	95.3	21	1200.0	126	461	11.5	33	11000	1	3	
10	160.00	140	3722	92.7	22	1400.0	105	335	8.3	34	13000	2	2	
11	190.00	253	3582	89.2	23	1700.0	99	230	5.7					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT CATLIN DAM, NEAR FOWLER, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1965	18300.0	1	13200.0	1	8030.0	1	5240.0	1	4260.0	1	3370.0	1	3100.0	1	2550.0	1	1840.0	1
1966	5030.0	2	2740.0	5	1880.0	6	1500.0	9	1160.0	9	846.0	10	774.0	10	697.0	10	561.0	10
1967	3940.0	6	2300.0	7	1480.0	10	1190.0	10	1090.0	10	1050.0	8	909.0	8	776.0	8	567.0	9
1968	3500.0	8	2220.0	8	1890.0	5	1620.0	6	1530.0	5	1250.0	6	1270.0	5	1070.0	6	807.0	6
1969	4380.0	3	2490.0	6	1870.0	7	1590.0	7	1400.0	7	1330.0	5	1210.0	6	1080.0	5	815.0	5
1970	3250.0	9	3120.0	4	2990.0	3	2540.0	2	2040.0	4	1850.0	4	1550.0	4	1370.0	3	1160.0	2

07119700 ARKANSAS RIVER AT CATLIN DAM, NEAR FOWLER, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT CATLIN DAM, NEAR FOWLER, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1971	1900.0	10	1730.0	10	1600.0	9	1560.0	8	1350.0	8	1190.0	7	954.0	7	810.0	7	656.0	7
1972	3640.0	7	2040.0	9	1730.0	8	1660.0	5	1470.0	6	1030.0	9	877.0	9	738.0	9	567.0	8
1973	4030.0	5	3950.0	2	3460.0	2	2340.0	4	2140.0	3	1910.0	3	1810.0	2	1530.0	2	1150.0	3
1974	1490.0	11	1310.0	11	1100.0	11	914.0	11	842.0	11	734.0	11	643.0	11	540.0	11	502.0	11
1975	4080.0	4	3410.0	3	2840.0	4	2490.0	3	2230.0	2	1970.0	2	1590.0	3	1300.0	4	926.0	4

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT CATLIN DAM, NEAR FOWLER, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1966	129.00	7	136.00	6	144.00	6	193.00	7	302.00	10	424.00	9	461.00	9	490.00	9	517.00	8
1967	37.00	2	39.00	2	54.00	2	109.00	3	186.00	5	219.00	4	267.00	5	292.00	5	279.00	3
1968	60.00	3	60.00	3	61.00	3	68.00	2	89.00	2	207.00	2	214.00	2	249.00	3	296.00	4
1969	140.00	8	155.00	8	182.00	8	215.00	8	237.00	7	259.00	6	296.00	6	311.00	6	324.00	5
1970	89.00	4	92.00	4	112.00	4	136.00	5	165.00	4	452.00	10	515.00	10	556.00	10	551.00	10
1971	180.00	10	187.00	10	211.00	10	244.00	10	297.00	9	379.00	8	408.00	8	405.00	8	531.00	9
1972	128.00	6	147.00	7	162.00	7	185.00	6	228.00	6	245.00	5	258.00	4	291.00	4	331.00	6
1973	109.00	5	112.00	5	121.00	5	125.00	4	161.00	3	208.00	3	240.00	3	231.00	2	256.00	2
1974	145.00	9	173.00	9	184.00	9	240.00	9	283.00	8	326.00	7	329.00	7	328.00	7	376.00	7
1975	30.00	1	31.00	1	40.00	1	53.00	1	73.00	1	106.00	1	143.00	1	187.00	1	236.00	1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
351	385	378	384	386	319	301	679	1534	1308	876	428
61610	27500	19570	14840	9101	3937	19830	158500	587900	491600	526400	56360
248	166	140	122	95.4	62.7	141	398	767	701	726	237
1.82	0.59	1.11	0.70	0.54	-0.49	1.38	1.45	1.45	1.11	2.43	1.25
0.71	0.43	0.37	0.32	0.25	0.20	0.47	0.59	0.50	0.54	0.83	0.55
4.79	5.25	5.15	5.24	5.27	4.35	4.10	9.26	20.9	17.9	12.0	5.84

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.47	2.55	2.55	2.56	2.57	2.49	2.44	2.78	3.14	3.06	2.84	2.56
0.07	0.04	0.02	0.02	0.01	0.01	0.04	0.05	0.04	0.05	0.09	0.08
0.26	0.19	0.15	0.14	0.11	0.09	0.19	0.22	0.21	0.23	0.30	0.28
0.64	0.03	0.32	0.07	0.25	-1.09	0.26	0.82	0.08	0.06	0.19	-1.30
0.11	0.07	0.06	0.05	0.04	0.04	0.08	0.08	0.07	0.07	0.11	0.11
7.70	7.96	7.97	8.01	8.04	7.79	7.62	8.67	8.81	9.56	8.88	8.00

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
612	37330	193	1.18	0.32	-0.216

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.77	0.02	0.13	0.59	0.05	-0.244

07121000 TIMPAS CREEK NEAR ROCKY FORD, COLO.

LOCATION.--Lat 37°57'10", long 103°43'26", in SW¼ sec.18, T.24 S., R.56 W., Otero County, at Catlin ditch crossing, 7 mi (11 km) south of Rocky Ford, and 9 mi (14 km) upstream from mouth.

DRAINAGE AREA.--451 mi² (1,168 km²).

REMARKS.--Diversions above station for irrigation of little significance. Waste water and seepage from lands irrigated by Rocky Ford Highline Canal and Rocky Ford and Otero ditches included in this record.

07121000 TIMPAS CREEK NEAR ROCKY FORD, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TIMPAS CREEK NEAR ROCKY FORD, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1924												82		16	18	20	15	15	27	20	23	16	50	49	12	1		2							
1925									15		57	52	18	23	13	38	39	29	23	20	14	7	5	3	4	1	1		1	2					
1926									8		48	32	7	20	19	29	33	27	43	50	33	11	3	2											
1927							18		9		17	21	13	39	79	24	14	23	22	19	19	19	8	8	5	2	1	1	1	2	1				
1942															12	5	10	35	23	42	55	60	76	33	6	3	4			1					
1943								1	4	2	5	11	22	29	25	18	15	15	24	40	52	24	44	30	2	2									
1944										1	10	29	10	9	5	5	18	19	44	65	74	38	24	8	2	2	2			1					
1945								1	4	16	25	27	25	14	11	17	18	59	40	24	44	22	3	2	2	1	4	3	1	2					
1946				1		5	9	4	16	27	20	23	25	13	4	17	29	40	37	49	35	8	2			1									
1947	2	2	7	2	2		3		4	7	12	12	12	16	15	23	30	50	30	41	54	28	10		2	1									
1948		2	5	3	2		4	1	11	11	16	15	11	20	15	35	26	37	45	26	45	19	10	5		1			1						
1949						1	12	5	11	23	56	40	25	32	16	32	29	33	15	13	11	3	2	3		1	1	1							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	2	4383	100.0	12	5.3	168	3512	80.1	24	210	35	84	1.9
1	0.10	4	4381	100.0	13	7.2	231	3344	76.3	25	280	16	49	1.1
2	0.20	12	4377	99.9	14	9.7	232	3113	71.0	26	380	13	33	.7
3	0.30	6	4365	99.6	15	13.0	263	2881	65.7	27	520	7	20	.4
4	0.50	4	4359	99.5	16	18.0	276	2618	59.7	28	700	4	13	.2
5	0.60	6	4355	99.4	17	24.0	382	2342	53.4	29	950	8	9	.2
6	0.80	46	4349	99.2	18	33.0	373	1960	44.7	30	1300	1	1	
7	1.10	12	4303	98.2	19	45.0	409	1587	36.2	31	1800			
8	1.60	82	4291	97.9	20	61.0	459	1178	26.9	32	2400			
9	2.10	87	4209	96.0	21	83.0	255	719	16.4	33				
10	2.90	266	4122	94.0	22	110.0	237	464	10.6	34				
11	3.90	344	3856	88.0	23	150.0	143	227	5.2					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TIMPAS CREEK NEAR ROCKY FORD, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1924	693.0	7	493.0	5	340.0	4	245.0	4	206.0	3	177.0	1	137.0	1	108.0	4	110.0	1
1925	1270.0	2	849.0	1	458.0	3	289.0	3	169.0	5	95.0	7	72.0	7	64.0	7	48.0	8
1926	197.0	12	119.0	12	97.0	11	74.0	11	61.0	12	53.0	11	47.0	11	45.0	10	43.0	10
1927	1530.0	1	832.0	2	570.0	2	445.0	1	304.0	1	176.0	2	137.0	2	112.0	2	77.0	5
1942	1090.0	4	443.0	6	297.0	6	239.0	5	178.0	4	148.0	4	132.0	3	126.0	1	110.0	2
1943	340.0	9	266.0	9	215.0	8	192.0	6	165.0	6	122.0	6	98.0	6	93.0	6	96.0	3
1944	1230.0	3	595.0	4	314.0	5	187.0	7	149.0	7	136.0	5	120.0	5	110.0	3	95.0	4
1945	1060.0	5	667.0	3	610.0	1	413.0	2	267.0	2	168.0	3	123.0	4	96.0	5	71.0	6
1946	333.0	10	142.0	11	90.0	12	73.0	12	64.0	11	52.0	12	45.0	12	39.0	12	43.0	11
1947	310.0	11	158.0	10	106.0	10	88.0	10	79.0	9	69.0	8	54.0	9	52.0	9	48.0	7
1948	924.0	6	426.0	7	245.0	7	149.0	8	107.0	8	64.0	10	68.0	8	61.0	8	46.0	9
1949	550.0	8	275.0	8	175.0	9	123.0	9	73.0	10	69.0	9	53.0	10	43.0	11	31.0	12

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TIMPAS CREEK NEAR ROCKY FORD, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1924	0.00	1	0.33	3	1.00	5	1.80	4	8.40	11	31.00	12	41.00	12	65.00	12	90.00	13
1925	2.00	11	2.00	10	3.00	11	4.00	12	4.20	7	4.40	2	4.70	2	8.30	2	15.00	4
1926	2.00	12	2.00	11	2.00	7	2.40	6	2.80	3	10.00	9	23.00	10	26.00	8	38.00	9
1927	1.00	6	1.00	6	2.10	8	2.50	7	3.60	5	6.80	6	8.50	4	10.00	3	14.00	3
1942	1.00	7	1.10	7	1.20	6	3.10	10	14.00	12	27.00	11	38.00	11	51.00	11	54.00	11
1943	10.00	13	10.00	13	12.00	13	28.00	13	32.00	13	56.00	13	67.00	13	84.00	13	88.00	12
1944	1.40	9	1.80	9	2.10	9	3.00	9	5.80	10	7.50	7	15.00	7	20.00	5	27.00	7
1945	1.90	10	2.10	12	3.10	12	3.90	11	4.20	6	5.40	4	6.30	3	20.00	6	23.00	5
1946	1.30	8	1.60	8	2.30	10	2.70	8	5.30	9	8.00	8	16.00	8	30.00	10	38.00	10
1947	0.30	4	0.70	4	0.87	3	1.50	2	2.30	1	5.10	3	9.80	5	11.00	4	13.00	2
1948	0.00	2	0.03	1	0.20	1	0.77	1	5.20	8	12.00	10	20.00	9	29.00	9	31.00	8
1949	0.10	3	0.13	2	0.39	2	1.60	3	2.90	4	3.40	1	3.60	1	5.20	1	9.60	1
1950	0.60	5	0.73	5	0.91	4	1.90	5	2.30	2	5.50	5	12.00	6	21.00	7	26.00	6

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
62.2	62.4	39.6	24.5	48.4	67.1	48.0	43.2	50.3	47.4	63.5	25.4
3391	1269	450	218	1104	2295	3309	1496	1558	2355	5980	972
58.2	35.6	21.2	14.8	33.2	47.9	57.5	38.7	39.5	48.5	77.3	31.2
1.49	1.52	0.04	0.74	0.63	0.73	1.11	1.48	0.89	1.86	1.47	2.53
0.94	0.57	0.54	0.60	0.69	0.71	1.20	0.89	0.78	1.02	1.22	1.23
10.7	10.7	6.81	4.22	8.31	11.5	8.25	7.43	8.65	8.13	10.9	4.36

07121000 TIMPAS CREEK NEAR ROCKY FORD, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.62	1.74	1.52	1.29	1.54	1.68	1.33	1.48	1.54	1.45	1.47	1.17
0.17	0.05	0.09	0.12	0.18	0.21	0.38	0.15	0.19	0.24	0.35	0.23
0.42	0.22	0.30	0.34	0.42	0.46	0.62	0.38	0.44	0.49	0.59	0.47
-0.02	0.71	-0.83	-1.22	-0.97	-1.49	0.05	0.17	-0.71	-0.08	0.25	0.30
0.26	0.12	0.20	0.26	0.27	0.27	0.47	0.26	0.29	0.34	0.40	0.41
9.09	9.77	8.52	7.26	8.66	9.39	7.45	8.32	8.63	8.15	8.22	6.54

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
48.5	468	21.6	0.87	0.45	0.533

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.65	0.04	0.19	-0.02	0.12	0.426

07121500 TIMPAS CREEK AT MOUTH, NEAR SWINK, COLO.

LOCATION.--Lat 38°00'10", long 103°39'18", in NW¼SW¼ sec.35, T.23 S., R.56 W., Otero County, near right bank on downstream side of pier of 20th Road Bridge, 1.7 mi (2.7 km) southwest of Swink, and 3.0 mi (4.8 km) upstream from mouth.

DRAINAGE AREA.--496 mi^2 (1,285 km^2).

REMARKS.--Natural flow of stream affected by minor diversions above station for irrigation, water imported from Arkansas River and Crooked Arroyo for irrigation above station, and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TIMPAS CREEK AT MOUTH NEAR SWINK, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1923								12	27	19	5	24	34	59	51	27	17	12	11	10	14	7	13	3	5	4	2	1	3	1		2			2
1924								4	37	23	26	20	31	21	17	19	25	16	20	17	40	33	11	4			2								
1925						3	7	18	53	15	29	38	40	29	36	34	23	12	4	3	4	4	5	2		2		1	1	1		1			
1969								5	15	8	16	41	33	66	45	38	32	23	28	7	2	3			2	1									
1970										4	26	27	38	52	74	47	51	23	16	4	3														
1971									18	34	51	53	34	26	29	22	25	20	19	22	6	2		3						1					
1972							2	29	35	42	30	40	37	34	40	35	19	16	2	1	2		1							1					
1973							1	7	15	8	26	55	47	33	27	51	34	27	26	5	2		1												
1974			5	6	7	12	30	23	36	32	33	35	24	29	24	33	14	14	8																

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
>0	0.00	0	3287	100.0	12	44.0	318	2120	64.5	24	390	7	33	1.0
1	6.00	0	3287	100.0	13	53.0	349	1802	54.8	25	470	7	26	.7
2	7.20	5	3287	100.0	14	64.0	343	1453	44.2	26	570	4	19	.5
3	8.60	6	3282	99.8	15	77.0	306	1110	33.8	27	680	2	15	.4
4	10.00	7	3276	99.7	16	92.0	240	804	24.5	28	820	4	13	.3
5	12.00	15	3269	99.5	17	110.0	163	564	17.2	29	980	4	9	.2
6	15.00	40	3254	99.0	18	130.0	134	401	12.2	30	1200		5	.1
7	18.00	98	3214	97.8	19	160.0	69	267	8.1	31	1400	3	5	.1
8	21.00	236	3116	94.8	20	190.0	73	198	6.0	32	1700		2	
9	26.00	185	2880	87.6	21	230.0	49	125	3.8	33	2000		2	
10	31.00	242	2695	82.0	22	270.0	31	76	2.3	34	2400	2	2	
11	37.00	333	2453	74.6	23	330.0	12	45	1.4					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TIMPAS CREEK AT MOUTH NEAR SWINK, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1923	2670.0	1	1180.0	1	641.0	1	558.0	1	421.0	1	309.0	1	318.0	1	271.0	1	200.0	1
1924	674.0	5	534.0	3	395.0	3	308.0	3	273.0	2	240.0	2	194.0	2	158.0	2	153.0	2
1925	1500.0	2	973.0	2	559.0	2	382.0	2	270.0	3	168.0	3	135.0	3	118.0	3	93.0	3
1969	523.0	6	306.0	6	192.0	6	143.0	7	131.0	5	105.0	6	100.0	6	95.0	6	89.0	6
1970	213.0	8	180.0	8	161.0	8	138.0	8	117.0	7	99.0	7	93.0	7	87.0	7	81.0	7
1971	995.0	4	363.0	5	230.0	5	178.0	4	154.0	4	134.0	4	127.0	4	104.0	5	93.0	4
1972	1040.0	3	484.0	4	287.0	4	166.0	5	113.0	8	95.0	9	86.0	8	77.0	8	67.0	8
1973	307.0	7	216.0	7	173.0	7	156.0	6	128.0	6	120.0	5	112.0	5	105.0	4	92.0	5
1974	153.0	9	151.0	9	136.0	9	121.0	9	108.0	9	97.0	8	85.0	9	70.0	9	67.0	9

07121500 TIMPAS CREEK AT MOUTH, NEAR SWINK, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TIMPAS CREEK AT MOUTH NEAR SWINK, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1923	19.00	6	20.00	6	22.00	7	24.00	7	33.00	6	44.00	6	50.00	6	54.00	6	56.00	4
1924	19.00	7	19.00	3	19.00	1	21.00	3	27.00	5	61.00	9	76.00	9	101.00	9	137.00	9
1925	17.00	2	20.00	7	21.00	6	22.00	5	24.00	1	25.00	1	30.00	1	40.00	2	50.00	2
1969	17.00	3	19.00	4	20.00	4	21.00	4	26.00	2	34.00	4	43.00	4	46.00	3	63.00	5
1970	22.00	8	23.00	8	25.00	8	29.00	8	34.00	7	44.00	7	56.00	7	61.00	7	76.00	8
1971	27.00	9	28.00	9	28.00	9	29.00	9	34.00	8	56.00	8	60.00	8	62.00	8	73.00	7
1972	18.00	4	19.00	5	21.00	5	24.00	6	34.00	9	36.00	5	37.00	3	50.00	4	56.00	3
1973	15.00	1	18.00	1	19.00	2	19.00	1	26.00	3	28.00	2	31.00	2	32.00	1	46.00	1
1974	18.00	5	19.00	2	19.00	3	20.00	2	26.00	4	31.00	3	44.00	5	53.00	5	65.00	6

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
99.7	96.5	64.5	37.2	56.4	76.7	60.8	70.8	84.2	76.8	96.5	71.4
4525	2073	784	233	486	2319	2573	1770	7459	2936	14230	1496
67.3	45.5	28.0	15.3	22.0	48.2	50.7	42.1	86.4	54.2	119	38.7
1.90	1.79	-0.01	-0.42	-0.39	2.21	1.44	0.07	2.62	1.37	2.27	0.07
0.67	0.47	0.43	0.41	0.39	0.63	0.83	0.59	1.03	0.71	1.24	0.54
11.2	10.8	7.23	4.18	6.32	8.60	6.82	7.94	9.45	8.62	10.8	8.01

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.93	1.95	1.76	1.52	1.71	1.83	1.67	1.76	1.80	1.79	1.77	1.78
0.06	0.04	0.06	0.06	0.05	0.05	0.11	0.11	0.10	0.10	0.18	0.09
0.25	0.19	0.25	0.25	0.22	0.22	0.32	0.32	0.32	0.31	0.43	0.30
0.48	0.02	-1.59	-1.86	-1.48	0.97	0.62	-0.63	1.22	-0.08	0.80	-0.83
0.13	0.10	0.14	0.17	0.13	0.12	0.19	0.18	0.18	0.17	0.24	0.17
9.07	9.16	8.27	7.16	8.05	8.60	7.84	8.27	8.46	8.43	8.34	8.36

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
74.4	896	29.9	0.41	0.40	0.788

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.84	0.04	0.20	-0.97	0.11	0.768

07122400 CROOKED ARROYO NEAR SWINK, COLO.

LOCATION.--Lat 37°58'56", long 103°35'52", in SW¼SW¼ sec.5, T.24 S., R.55 W., Otero County, on right bank 54 ft (16 m) downstream from bridge on State Highway 10, 2.0 mi (3.2 km) upstream from mouth, and 2.8 mi (4.5 km) southeast of Swink.

DRAINAGE AREA.--108 mi^2 (280 km^2).

REMARKS.--Natural flow of stream affected by minor diversions above station for irrigation, water exported above station to Timpas Creek, water imported from Arkansas River for irrigation above station, and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CROOKED ARROYO NEAR SWINK, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1969																		14	25	38	35	33	34	46	51	37	31	12	5	2	1	1			
1970																			19	9	17	37	27	60	57	43	51	23	15	5	2				
1971																			22	40	29	35	18	59	67	39	36	17	2			1			
1972															2	3	13	29	21	51	46	31	24	58	50	29	8	1							
1973														3	13	42	44	13	8	20	14	29	17	42	34	32	21	19	8	6					
1974	27		1		5	1	1	1	7	5	2	1	8	5	5	16	33	32	34	44	20	26	16	16	35	21	3								

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CROOKED ARROYO NEAR SWINK, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	27	2191	100.0	12	0.5	8	2140	97.7	24	16	294	765	34.9
1	0.01	0	2164	98.8	13	0.7	8	2132	97.3	25	22	201	471	21.4
2	0.02	1	2164	98.8	14	0.9	20	2124	96.9	26	29	150	270	12.3
3	0.03	0	2163	98.7	15	1.3	61	2104	96.0	27	39	72	120	5.4
4	0.04	5	2163	98.7	16	1.7	90	2043	93.2	28	51	30	48	2.1
5	0.05	1	2158	98.5	17	2.2	88	1953	89.1	29	68	13	18	.8
6	0.07	1	2157	98.4	18	3.0	129	1865	85.1	30	91	3	5	.2
7	0.09	1	2156	98.4	19	3.9	202	1736	79.2	31	120	2	2	
8	0.10	7	2155	98.4	20	5.3	161	1534	70.0	32				
9	0.20	5	2148	98.0	21	7.0	191	1373	62.7	33				
10	0.30	2	2143	97.8	22	9.3	136	1182	53.9	34				
11	0.40	1	2141	97.7	23	12.0	281	1046	47.7					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CROOKED ARROYO NEAR SWINK, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1969	121.0	2	84.0	3	61.0	2	46.0	3	37.0	3	31.0	3	28.0	3	27.0	3	22.0	3
1970	112.0	3	93.0	2	63.0	1	60.0	1	48.0	1	38.0	1	34.0	1	32.0	1	27.0	1
1971	237.0	1	105.0	1	59.0	4	43.0	4	35.0	4	25.0	4	24.0	4	20.0	4	18.0	4
1972	45.0	5	34.0	5	29.0	5	24.0	5	21.0	5	20.0	5	18.0	5	16.0	5	14.0	5
1973	88.0	4	70.0	4	60.0	3	53.0	2	45.0	2	36.0	2	32.0	2	28.0	2	23.0	2
1974	38.0	6	27.0	6	24.0	6	22.0	6	21.0	6	16.0	6	12.0	6	9.3	6	9.0	6

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CROOKED ARROYO NEAR SWINK, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1969	1.70	3	1.70	3	1.90	3	2.60	3	3.60	3	5.80	3	7.80	3	8.40	3	9.80	3
1970	2.60	4	2.90	4	3.20	4	3.50	4	4.30	4	9.40	4	12.00	5	14.00	5	16.00	5
1971	3.10	5	3.10	5	3.30	5	3.60	5	4.30	5	12.00	6	13.00	6	15.00	6	18.00	6
1972	3.10	6	3.40	6	3.90	6	4.30	6	8.10	6	9.70	5	9.50	4	12.00	4	14.00	4
1973	0.83	2	0.86	1	0.94	1	1.10	1	1.30	1	1.50	1	1.70	1	3.80	1	5.00	1
1974	0.76	1	1.10	2	1.40	2	1.60	2	1.70	2	2.60	2	3.80	2	4.20	2	8.00	2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
14.7	14.4	11.8	4.94	10.2	11.3	9.56	15.9	21.2	17.8	12.6	12.7
85.9	23.9	94.9	12.5	58.8	18.8	76.6	184	157	80.4	91.9	91.0
9.27	4.89	9.74	3.54	7.67	4.33	8.75	13.6	12.5	8.97	9.59	9.54
-0.10	0.25	0.42	0.22	0.24	1.08	2.00	0.61	0.79	-0.29	0.55	0.76
0.63	0.34	0.82	0.72	0.75	0.38	0.92	0.86	0.59	0.50	0.76	0.75
9.38	9.16	7.53	3.14	6.52	7.18	6.09	10.1	13.5	11.3	8.04	8.07

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.01	1.13	0.90	0.56	0.81	1.03	0.84	1.00	1.26	1.18	0.90	0.60
0.26	0.02	0.20	0.15	0.29	0.03	0.15	0.26	0.06	0.09	0.34	1.89
0.51	0.16	0.44	0.39	0.54	0.16	0.39	0.51	0.25	0.31	0.58	1.37
-1.88	-0.47	-0.16	-0.28	-1.02	0.40	-0.36	-0.56	0.44	-1.50	-1.74	-2.52
0.51	0.14	0.49	0.69	0.66	0.16	0.47	0.52	0.20	0.26	0.64	2.28
8.99	10.1	8.05	5.02	7.24	9.14	7.47	8.87	11.2	10.5	8.02	5.37

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
13.1	31.3	5.60	0.05	0.43	0.549

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.08	0.04	0.21	-0.51	0.19	0.613

07122500 CROOKED ARROYO NEAR LA JUNTA, COLO.

LOCATION.--Lat 37°59'55", long 103°35'13", in SW¼SE¼ sec.32, T.23 S., R.55 W., Otero County, 300 ft (91 m) upstream from highway bridge, 0.5 mi (0.8 km) upstream from mouth, and 2.5 mi (4.0 km) west of La Junta.

DRAINAGE AREA.--110 mi² (285 km²).

REMARKS.--Diversions above station for irrigation. Flow at this station includes waste water from Catlin ditch.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CROOKED ARROYO NEAR LA JUNTA, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1923	20	44		23		14		14	23	5	16	7	15	24	14	28	29	21	17	15	11	8	6	3	2	2		1	1		1				1
1924		28		42		30		23	19	22	32	8	14	15	7	15	14	27	40	24	5	1													
1925		61		72		23		20	13	9	21	11	14	33	9	9	11	13	17	7	3	3	5	4	3	1				2					1

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	20	1096	100.0	12	8.3	26	522	47.6	24	84	7	22	2.0
1	1.00	133	1076	98.2	13	10.0	43	496	45.3	25	100	5	15	1.3
2	1.20	0	943	86.0	14	12.0	72	453	41.3	26	120	3	10	.9
3	1.50	0	943	86.0	15	15.0	30	381	34.8	27	150		7	.6
4	1.80	137	943	86.0	16	18.0	52	351	32.0	28	180	1	7	.6
5	2.20	0	806	73.5	17	22.0	54	299	27.3	29	220	1	6	.5
6	2.60	67	806	73.5	18	27.0	61	245	22.4	30	270	2	5	.4
7	3.20	0	739	67.4	19	32.0	74	184	16.8	31	330	1	3	.2
8	3.90	57	739	67.4	20	39.0	46	110	10.0	32	400		2	.1
9	4.70	55	682	62.2	21	47.0	19	64	5.8	33	480		2	.1
10	5.70	36	627	57.2	22	57.0	12	45	4.1	34	580	2	2	.1
11	6.90	69	591	53.9	23	70.0	11	33	3.0					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CROOKED ARROYO NEAR LA JUNTA, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1923	581.0	2	273.0	2	131.0	2	81.0	2	64.0	1	56.0	1	54.0	1	47.0	1	34.0	1
1924	67.0	3	50.0	3	43.0	3	40.0	3	38.0	3	35.0	2	28.0	3	22.0	3	20.0	3
1925	604.0	1	381.0	1	185.0	1	88.0	1	55.0	2	33.0	3	32.0	2	30.0	2	23.0	2

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CROOKED ARROYO NEAR LA JUNTA, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1923	0.00	1	1.00	3	1.00	3	1.00	3	1.40	3	2.00	2	2.80	2	5.20	2	7.10	2
1924	0.00	2	0.00	1	0.00	1	0.00	1	0.60	1	4.60	3	7.10	3	11.00	3	19.00	3
1925	1.00	3	1.00	2	1.00	2	1.00	2	1.20	2	1.80	1	2.60	1	4.00	1	6.80	1

07123000 ARKANSAS RIVER AT LA JUNTA, COLO.

LOCATION.--Lat 37°59'26", long 103°31'55", in SE¼NE¼ sec.2, T.24 S., R.55 W., Otero County, on right bank at upstream side of bridge on State Highway 109 in La Junta, 450 ft (140 m) upstream from King Arroyo.

DRAINAGE AREA.--12,210 mi² (31,623 km²), of which 115 mi² (298 km²) is probably noncontributing.

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs, power developments, ground-water withdrawals and diversions for irrigation of about 400,000 acres (1,620 km²), and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT LA JUNTA, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1913											3	6	12	50	46	37	53	35	38	30	36	17	2												
1914												5	26	26	20	31	38	64	60	19	10	9	14	7	7	12	7	6	2	1	1				
1915	7								10		9	7	3	10	24	20	72	35	40	32	37	16	12	7	6	9	5	3	1						
1916									1		9	8	15	26	27	15	35	37	54	47	58	31	1			1		1							
1917						1	1	2	3	8	7	8	19	50	53	54	16	29	17	18	30	34	12	3											
1918									5	12	15	50	25	16	24	30	25	48	36	31	17	22	9												
1919										28	61	42	17	25	13	24	13	15	33	28	45	17	3		1										
1920											3	25	62	53	31	24	41	20	25	19	20	29	13	1											

07123000 ARKANSAS RIVER AT LA JUNTA, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT LA JUNTA, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1921									6	9	36	31	25	24	20	25	11	25	30	20	14	14	8	6	10	21	7	4	3	8	3	2	1	1	1
1922							1		2	4	13	30	33	40	33	31	13	34	40	33	21	28	9												
1923							1	3	1	3	24	36	28	20	26	24	18	32	25	35	15	17	13	16	10	10	5	2				1			
1924											3	20	13	35	39	25	17	12	27	18	33	61	42	12	5	4									
1925								6	23	16	32	17	14	32	36	38	43	34	23	11	15	17	1	3	1	2			1						
1926										2	24	33	24	24	25	26	41	67	39	26	17	14	3												
1927											7	24	35	39	43	25	13	24	37	28	21	47	10	2	1	3	1	4	1						
1928										11	12	21	15	39	42	31	18	29	24	61	31	20	3	1	2	1	2	1	1	1					
1929											7	55	27	26	32	17	16	30	42	28	27	42	7	2		2	1	1	2	1					
1930										1	8	27	29	19	36	37	22	40	35	47	31	29	1		1	2									
1931									1	4	24	17	24	41	105	54	16	12	23	24	16	4													
1932											10	61	56	60	28	30	12	11	5	11	20	55	6				1								
1933							1	2	4	19	12	21	13	53	26	44	27	26	29	13	23	30	9	7		2	1	1	1	1					
1934										9	4	19	45	111	47	31	27	39	15	3	7	7					1								
1935									15	34	25	38	53	56	13	13	9	9	7	17	32	23	10	6	2		1	1			1				
1936									1	3	9	17	24	37	27	30	21	35	45	30	33	26	13	1	4	3	2	1	1	1	2				
1937											1	15	45	48	33	25	19	32	40	41	27	26	8	1		1	2	1							
1938											9	35	35	26	33	24	20	34	27	27	41	38	10	3	1		1		1						
1939										1	1	9	8	17	30	52	50	81	31	25	21	34	3	1	1										
1940					1		3	11	19	28	22	21	28	45	51	48	26	24	8	14	8	5	4												
1941						1	1		3	14	11	20	14	30	36	43	43	42	45	26	12	15	4	3	1	1									
1942											1	11	17	22	12	20	17	22	28	62	38	19	5	13	15	8	12	11	24	3	3	1	1		
1943								2		1	2	4	10	14	32	35	30	29	35	58	48	46	16	3											
1944									1	14	19	36	37	35	38	25	26	42	30	11	13	13	6	7	4	5	3	1							
1945										6	7	23	31	39	61	79	17	18	21	13	13	18	7	4	2	1		4	1						
1946										5	5	11	26	65	85	61	26	18	8	13	14	15	9		2	2									
1947									1		3	23	23	42	40	42	37	30	16	16	10	6	11	17	11	16	7	7	2	5					
1948												5	8	21	40	49	34	47	32	43	26	11	14	16	3	7	6	1	3						
1949									1		1	7	9	24	52	62	86	69	13	3	3	4	4	7	12	6	2								
1950										7	7	19	28	36	63	75	54	41	13	13	5			1	1	1			1						
1951		1	2	1		2	1	1	7	9	20	42	70	66	33	32	28	26	5	3	6	2	3			1		3	1						
1952								1	2	3	8	29	38	47	54	31	15	28	28	11	17	20	23	9	1	1									
1953											10	39	39	72	62	19	35	21	8	11	10	26	10	1	1		1								
1954											9	44	77	57	67	36	25	20	9	8	7	3	2				1								
1955									3	9	18	43	40	68	69	45	28	20	6	2	2	2	2	3	1		1	1			1			1	
1956										2	18	55	66	72	57	29	10	11	5	4	2	23	12												
1957									6	18	24	29	52	48	29	19	22	10	7	13	7	8	13	8	9	18	18	5	1	1					
1958											12	9	26	52	67	87	39	16	9	10	9	4	6	5	5	8		1							
1959										7	10	17	49	95	52	42	45	35	11	2															
1960									2	16	7	21	33	69	62	46	36	19	3	10	11	28	1	1		1									
1961								1	4	21	34	34	36	52	24	16	13	25	16	16	23	42	7			1									
1962											8	22	32	29	48	55	37	13	10	21	46	34	8	1		1									
1963						1			4	34	2	9	33	62	58	65	32	23	10	12	9	10		1											
1964							3	6	12	17	8	38	36	75	47	34	29	28	7	7	8	8	2	1											
1965			3	1	2	2	3	1	4	7	7	25	44	40	34	39	33	22	14	10	12	19	6	6	9	5	4	3	4	2	1	3			
1966								3	4	6	18	22	27	31	17	31	44	38	52	54	12		2			1	1	2							
1967										5	5	34	71	101	32	57	33	12	7	2	3		2					1							
1968													44	76	74	34	14	21	30	12	29	29	2	1											
1969												15	69	91	34	44	19	33	14	12	14	16		2		1				1					
1970											4	20	32	86	32	23	21	12	12	25	39	39	18	2											
1971												5	35	74	69	37	18	15	21	31	34	25	1												
1972											14	72	88	43	29	19	10	30	6	9	14	24	7				1								
1973									8	25	27	38	46	43	34	34	20	13	12	9	15	30	7	4											
1974								1	2	10	45	99	57	26	10	13	10	17	17	7	18	32	1												
1975									8	7	29	61	52	39	34	26	16	14	7	3	6	32	26	3	1	1									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	7	23010	100.0	12	20.0	2148	19870	86.4	24	1400	130	549	2.3
1	0.30	1	23003	100.0	13	28.0	2890	17722	77.0	25	1900	159	419	1.8
2	0.60	5	23002	100.0	14	40.0	2550	14832	64.5	26	2800	94	260	1.1
3	0.80	2	22997	99.9	15	56.0	2269	12282	53.4	27	3900	66	166	.7
4	1.20	3	22995	99.9	16	80.0	1734	10013	43.5	28	5600	51	100	.4
5	1.60	7	22992	99.9	17	110.0	1793	8279	36.0	29	7900	25	49	.2
6	2.30	15	22985	99.9	18	160.0	1422	6486	28.2	30	11000	12	24	.1
7	3.30	40	22970	99.8	19	230.0	1298	5064	22.0	31	16000	7	12	
8	4.70	163	22930	99.7	20	330.0	1241	3766	16.4	32	23000	2	5	
9	6.80	435	22767	98.9	21	470.0	1315	2525	11.0	33	33000	2	3	
10	9.60	783	22332	97.1	22	670.0	463	1210	5.3	34	47000	1	1	
11	14.00	1679	21549	93.7	23	950.0	198	747	3.2					

07123000 ARKANSAS RIVER AT LA JUNTA, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT LA JUNTA, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1913	704.0	60	531.0	61	509.0	59	433.0	54	365.0	53	313.0	54	261.0	54	235.0	52	175.0	52
1914	14200.0	7	9750.0	6	6320.0	6	3670.0	8	2900.0	6	1870.0	6	1660.0	6	1340.0	6	928.0	6
1915	6940.0	17	5860.0	12	4160.0	10	3320.0	11	2210.0	9	1310.0	9	1070.0	8	936.0	8	685.0	8
1916	3930.0	28	2140.0	28	1170.0	29	757.0	30	565.0	39	495.0	34	447.0	29	425.0	26	319.0	24
1917	1020.0	51	933.0	45	818.0	40	727.0	32	638.0	31	537.0	27	501.0	25	421.0	28	302.0	27
1918	876.0	56	855.0	50	844.0	39	675.0	38	573.0	37	467.0	39	362.0	44	298.0	44	230.0	41
1919	1460.0	45	887.0	48	505.0	60	406.0	57	364.0	54	332.0	50	292.0	51	245.0	51	196.0	47
1920	1010.0	53	793.0	52	661.0	50	642.0	45	539.0	42	494.0	35	411.0	34	357.0	33	267.0	34
1921	61100.0	1	44200.0	1	28000.0	1	17700.0	1	10300.0	1	6320.0	1	4760.0	1	3660.0	1	2450.0	1
1922	876.0	57	767.0	54	711.0	48	676.0	37	599.0	35	504.0	32	387.0	39	309.0	42	224.0	42
1923	18600.0	5	8920.0	8	5480.0	8	3730.0	7	2340.0	8	1640.0	7	1340.0	7	1100.0	7	773.0	7
1924	2200.0	39	2090.0	29	1880.0	21	1480.0	18	957.0	21	705.0	22	579.0	20	468.0	22	453.0	13
1925	6230.0	21	2970.0	22	1410.0	26	823.0	28	697.0	26	491.0	37	413.0	33	331.0	38	239.0	35
1926	848.0	58	736.0	56	592.0	53	423.0	55	334.0	55	313.0	55	268.0	53	231.0	53	192.0	48
1927	6610.0	20	4690.0	15	3050.0	15	2350.0	13	1530.0	13	1050.0	12	876.0	11	708.0	12	514.0	11
1928	9240.0	12	6320.0	11	3750.0	11	2160.0	15	1230.0	15	838.0	17	651.0	19	522.0	18	365.0	19
1929	10500.0	11	8090.0	9	4720.0	9	2840.0	12	1680.0	12	1070.0	11	861.0	12	717.0	11	491.0	12
1930	2110.0	42	1330.0	36	779.0	43	699.0	34	536.0	43	388.0	47	390.0	38	354.0	34	273.0	33
1931	576.0	62	453.0	62	339.0	62	288.0	62	255.0	59	229.0	57	183.0	58	157.0	59	120.0	60
1932	3570.0	29	1660.0	30	1030.0	32	652.0	44	584.0	36	532.0	29	492.0	27	438.0	25	301.0	28
1933	9200.0	13	5810.0	13	2730.0	16	1450.0	19	963.0	20	943.0	15	744.0	14	609.0	13	434.0	14
1934	2840.0	34	992.0	43	513.0	58	416.0	56	305.0	57	181.0	62	131.0	62	118.0	62	107.0	61
1935	11500.0	8	4360.0	16	2020.0	19	1370.0	21	1020.0	19	782.0	19	685.0	16	569.0	15	388.0	17
1936	14200.0	6	10000.0	5	5610.0	7	3940.0	5	2170.0	10	1290.0	10	985.0	9	888.0	10	638.0	10
1937	5050.0	24	3240.0	20	1740.0	23	1110.0	23	787.0	23	550.0	26	430.0	31	382.0	29	304.0	26
1938	7820.0	15	3320.0	19	1660.0	24	974.0	25	676.0	27	535.0	28	498.0	26	478.0	21	394.0	16
1939	1720.0	44	984.0	44	741.0	47	658.0	42	602.0	34	505.0	31	380.0	40	309.0	43	235.0	39
1940	934.0	54	748.0	55	563.0	57	387.0	58	307.0	56	206.0	59	171.0	60	151.0	60	121.0	59
1941	2220.0	38	1050.0	42	856.0	37	531.0	51	413.0	52	332.0	51	315.0	50	286.0	46	222.0	45
1942	30900.0	3	21500.0	2	14000.0	2	10700.0	2	7890.0	2	5570.0	2	4480.0	2	3500.0	2	2390.0	2
1943	1320.0	46	1130.0	40	881.0	35	655.0	43	630.0	32	503.0	33	432.0	30	379.0	32	314.0	25
1944	5040.0	25	3850.0	18	3220.0	14	2220.0	14	1440.0	14	958.0	14	702.0	15	553.0	16	379.0	18
1945	7410.0	16	4210.0	17	2430.0	18	1960.0	16	1160.0	18	815.0	18	673.0	17	523.0	17	359.0	21
1946	2510.0	36	1350.0	35	1100.0	30	674.0	39	466.0	49	379.0	49	377.0	41	314.0	41	224.0	43
1947	10900.0	9	9620.0	7	8540.0	4	5510.0	3	4100.0	3	2940.0	3	2210.0	3	1700.0	3	1140.0	3
1948	6810.0	19	4950.0	14	3590.0	13	3370.0	10	2470.0	7	1370.0	8	982.0	10	904.0	9	675.0	9
1949	3110.0	32	2610.0	26	1890.0	20	1410.0	20	1210.0	16	940.0	16	657.0	18	514.0	19	364.0	20
1950	5880.0	22	2940.0	23	1800.0	22	910.0	26	511.0	46	326.0	53	241.0	55	197.0	55	148.0	55
1951	6920.0	18	2430.0	27	1470.0	25	1200.0	22	714.0	25	553.0	25	404.0	36	319.0	40	221.0	46
1952	2130.0	41	1240.0	37	1040.0	31	995.0	24	842.0	22	650.0	23	558.0	22	466.0	23	348.0	23
1953	3260.0	30	1380.0	33	882.0	34	704.0	33	674.0	28	506.0	30	421.0	32	334.0	35	232.0	40
1954	3150.0	31	1350.0	34	622.0	52	365.0	60	236.0	62	196.0	60	205.0	57	168.0	58	122.0	58
1955	33700.0	2	16900.0	3	7900.0	5	3860.0	6	1960.0	11	1020.0	13	777.0	13	601.0	14	411.0	15
1956	886.0	55	787.0	53	747.0	46	679.0	35	645.0	30	428.0	44	319.0	48	252.0	49	178.0	51
1957	10900.0	10	6520.0	10	3730.0	12	3580.0	9	3210.0	4	2350.0	4	1940.0	5	1570.0	5	1070.0	5
1958	4360.0	26	2700.0	25	2550.0	17	1910.0	17	1190.0	17	752.0	20	533.0	23	424.0	27	294.0	30
1959	243.0	63	202.0	63	194.0	63	179.0	63	152.0	63	130.0	63	114.0	63	100.0	63	82.0	63
1960	2150.0	40	835.0	51	645.0	51	585.0	47	558.0	41	450.0	42	324.0	47	259.0	48	184.0	50
1961	2230.0	37	1100.0	41	750.0	45	573.0	48	479.0	48	466.0	40	410.0	35	380.0	30	284.0	31
1962	2520.0	35	1220.0	38	870.0	36	676.0	36	568.0	38	490.0	38	464.0	28	379.0	31	273.0	32
1963	1170.0	48	566.0	60	501.0	61	373.0	59	248.0	60	191.0	61	175.0	59	172.0	57	128.0	57
1964	1020.0	52	888.0	47	696.0	49	363.0	61	240.0	61	232.0	56	208.0	56	179.0	56	131.0	56
1965	20000.0	4	16500.0	4	9570.0	3	5270.0	4	3110.0	5	2080.0	5	2100.0	4	1650.0	4	1120.0	4
1966	5350.0	23	2870.0	24	1360.0	27	745.0	31	454.0	51	327.0	52	271.0	52	225.0	54	171.0	53
1967	4060.0	27	1650.0	31	789.0	41	442.0	53	284.0	58	209.0	58	166.0	61	142.0	61	105.0	62
1968	1180.0	47	645.0	57	580.0	55	531.0	52	456.0	50	413.0	45	357.0	45	332.0	36	238.0	36
1969	8740.0	14	3090.0	21	1360.0	28	669.0	40	509.0	47	385.0	48	376.0	42	332.0	37	236.0	38
1970	1040.0	49	867.0	49	846.0	38	782.0	29	654.0	29	581.0	24	512.0	24	482.0	20	355.0	22
1971	738.0	59	614.0	59	578.0	56	551.0	49	528.0	44	452.0	41	363.0	43	296.0	45	223.0	44
1972	2870.0	33	1430.0	32	786.0	42	597.0	46	561.0	40	400.0	46	340.0	46	276.0	47	191.0	49
1973	1040.0	50	925.0	46	751.0	44	658.0	41	605.0	33	494.0	36	396.0	37	328.0	39	237.0	37
1974	680.0	61	630.0	58	581.0	54	532.0	50	517.0	45	448.0	43	317.0	49	246.0	50	168.0	54
1975	2020.0	43	1210.0	39	980.0	33	860.0	27	728.0	24	709.0	21	564.0	21	439.0	24	297.0	29

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT LA JUNTA, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1913	10.00	51	11.00	47	20.00	61	33.00	61	39.00	61	53.00	53	53.00	51	64.00	48	131.00	57
1914	14.00	61	15.00	57	19.00	59	22.00	54	36.00	60	51.00	52	66.00	54	75.00	54	87.00	45
1915	0.00	1	0.00	1	7.10	15	11.00	21	22.00	40	40.00	48	52.00	50	61.00	45	87.00	46
1916	5.00	20	10.00	40	11.00	32	18.00	43	27.00	51	62.00	57	101.00	58	111.00	58	127.00	55
1917	2.00	6	3.30	6	4.40	5	6.60	6	16.00	25	25.00	31	35.00	36	41.00	33	53.00	26
1918	6.00	29	6.00	15	8.00	20	13.00	31	14.00	15	16.00	10	22.00	12	40.00	32	69.00	35
1919	7.00	36	7.00	22	7.40	18	7.70	10	10.00	9	16.00	11	17.00	7	27.00	17	93.00	47
1920	8.00	41	8.00	29	10.00	27	12.00	25	24.00	44	25.00	32	28.00	27	50.00	36	64.00	32

07123000 ARKANSAS RIVER AT LA JUNTA, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT LA JUNTA, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1921	5.00	21	5.70	12	7.00	14	8.90	16	11.00	10	15.00	7	26.00	22	24.00	7	53.00	27
1922	3.00	9	8.30	32	11.00	28	14.00	33	25.00	46	56.00	55	69.00	55	66.00	49	107.00	53
1923	4.00	13	7.70	27	12.00	33	13.00	32	17.00	26	32.00	44	44.00	44	67.00	52	77.00	40
1924	3.00	10	10.00	41	15.00	48	20.00	51	26.00	47	140.00	62	229.00	63	358.00	63	390.00	63
1925	4.00	14	4.70	9	5.10	7	5.90	3	6.80	2	9.30	2	14.00	3	26.00	14	48.00	23
1926	8.00	42	10.00	42	13.00	39	15.00	34	18.00	29	28.00	36	34.00	34	57.00	41	86.00	44
1927	10.00	52	14.00	54	16.00	53	19.00	47	23.00	41	25.00	33	32.00	33	63.00	46	74.00	38
1928	7.00	37	8.00	30	9.90	26	10.00	18	14.00	16	25.00	34	40.00	39	52.00	37	131.00	56
1929	12.00	56	14.00	55	15.00	49	16.00	35	23.00	42	30.00	41	41.00	41	59.00	43	77.00	41
1930	9.00	45	12.00	48	14.00	44	18.00	44	19.00	32	28.00	37	40.00	40	53.00	38	94.00	48
1931	6.00	30	8.00	31	9.60	25	11.00	22	13.00	13	17.00	12	22.00	13	35.00	30	62.00	30
1932	12.00	57	12.00	49	13.00	40	16.00	36	19.00	33	23.00	26	30.00	31	30.00	21	32.00	11
1933	3.00	11	4.00	7	6.10	10	8.10	11	9.40	7	17.00	13	36.00	37	37.00	31	60.00	29
1934	20.00	63	20.00	63	25.00	63	26.00	59	35.00	58	46.00	51	62.00	52	66.00	50	67.00	33
1935	5.00	22	5.30	11	5.60	8	6.20	4	6.50	1	7.60	1	12.00	1	18.00	1	20.00	1
1936	6.10	32	7.70	28	9.50	24	12.00	26	15.00	21	28.00	38	42.00	42	64.00	47	96.00	50
1937	10.00	46	16.00	60	19.00	60	20.00	48	26.00	48	38.00	47	50.00	46	61.00	44	126.00	54
1938	10.00	47	11.00	43	12.00	34	16.00	37	21.00	39	24.00	28	51.00	49	66.00	51	78.00	42
1939	13.00	58	16.00	61	18.00	57	36.00	62	80.00	63	85.00	59	98.00	57	106.00	57	140.00	58
1940	1.30	4	2.50	4	3.60	3	5.40	2	8.50	5	12.00	5	25.00	17	30.00	22	36.00	17
1941	4.70	19	7.00	23	7.60	19	8.80	15	14.00	17	55.00	54	74.00	56	79.00	55	85.00	43
1942	2.00	7	6.90	21	18.00	58	21.00	52	36.00	59	95.00	60	154.00	62	179.00	62	205.00	61
1943	4.00	15	7.20	24	14.00	45	52.00	63	76.00	62	111.00	61	129.00	60	146.00	60	219.00	62
1944	6.80	34	8.60	33	11.00	29	12.00	27	14.00	18	18.00	14	19.00	8	31.00	23	69.00	36
1945	6.00	31	9.50	37	14.00	46	17.00	41	24.00	45	30.00	42	35.00	35	46.00	35	63.00	31
1946	8.20	43	8.60	34	17.00	54	23.00	56	33.00	56	36.00	46	38.00	38	42.00	34	53.00	28
1947	7.40	38	7.60	26	8.40	21	13.00	28	33.00	57	45.00	49	50.00	47	56.00	39	95.00	49
1948	5.60	26	15.00	58	17.00	55	20.00	49	29.00	53	68.00	58	104.00	59	127.00	59	140.00	59
1949	6.40	33	12.00	50	16.00	50	27.00	60	31.00	54	45.00	50	50.00	48	58.00	42	76.00	39
1950	7.60	39	8.90	35	16.00	51	23.00	57	32.00	55	62.00	56	65.00	53	69.00	53	73.00	37
1951	0.40	2	0.53	2	2.50	2	11.00	23	15.00	22	18.00	15	20.00	9	25.00	12	26.00	5
1952	2.00	8	6.40	18	12.00	35	16.00	38	19.00	34	28.00	39	28.00	28	31.00	24	35.00	15
1953	4.20	17	12.00	51	13.00	41	18.00	45	20.00	35	24.00	29	30.00	29	34.00	28	47.00	21
1954	10.00	48	11.00	44	12.00	36	16.00	39	20.00	36	21.00	21	22.00	14	24.00	8	32.00	12
1955	5.40	23	6.00	16	6.70	13	8.50	14	12.00	11	15.00	8	20.00	10	25.00	9	28.00	9
1956	8.90	44	9.50	38	11.00	30	12.00	24	14.00	19	22.00	22	25.00	18	25.00	10	27.00	7
1957	5.80	27	5.80	13	6.30	11	7.00	7	15.00	23	19.00	16	22.00	11	23.00	6	23.00	2
1958	11.00	53	11.00	45	12.00	37	13.00	29	20.00	37	33.00	45	47.00	45	98.00	56	98.00	51
1959	7.00	35	7.50	25	8.90	23	10.00	19	16.00	24	22.00	23	27.00	23	31.00	25	35.00	16
1960	5.80	28	6.60	19	7.30	17	10.00	20	14.00	20	23.00	27	27.00	24	34.00	26	49.00	24
1961	4.00	16	6.80	20	8.60	22	9.40	17	13.00	14	15.00	9	16.00	5	18.00	2	30.00	10
1962	10.00	49	10.00	39	11.00	31	13.00	30	18.00	30	19.00	17	27.00	25	35.00	29	98.00	52
1963	5.50	24	6.10	17	7.20	16	7.60	9	7.80	4	20.00	19	25.00	19	27.00	15	44.00	20
1964	1.90	5	3.10	5	4.40	4	6.60	5	7.50	3	11.00	3	15.00	4	19.00	3	26.00	6
1965	0.60	3	0.70	3	1.20	1	3.10	1	17.00	27	20.00	20	23.00	15	26.00	13	33.00	13
1966	10.00	50	11.00	46	18.00	56	22.00	55	27.00	52	142.00	63	143.00	61	160.00	61	171.00	60
1967	3.70	12	4.10	8	4.80	6	8.30	12	12.00	12	22.00	24	23.00	16	25.00	11	28.00	8
1968	7.60	40	9.10	36	15.00	47	21.00	53	26.00	49	29.00	40	31.00	32	34.00	27	48.00	22
1969	14.00	59	15.00	59	16.00	52	20.00	50	23.00	43	25.00	30	26.00	20	28.00	18	35.00	14
1970	11.00	54	12.00	52	14.00	42	19.00	46	21.00	38	26.00	35	26.00	21	28.00	19	39.00	18
1971	17.00	62	17.00	62	22.00	62	24.00	58	27.00	50	31.00	43	42.00	43	56.00	40	68.00	34
1972	14.00	60	14.00	56	14.00	43	17.00	42	19.00	31	22.00	25	30.00	30	30.00	20	44.00	19
1973	5.60	25	5.90	14	6.10	9	7.10	8	10.00	8	14.00	6	17.00	6	21.00	4	24.00	3
1974	12.00	55	12.00	53	13.00	38	16.00	40	17.00	28	19.00	18	27.00	26	27.00	16	52.00	25
1975	4.40	18	4.90	10	6.70	12	8.30	13	9.20	6	11.00	4	14.00	2	23.00	5	26.00	4

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
117	102	71.3	69.7	59.1	61.0	149	404	845	485	382	134
13810	6284	3429	12400	5282	6880	330000	389100	2016000	264000	249900	22170
118	79.3	58.6	111	72.7	82.9	574	624	1420	514	500	149
2.80	1.22	1.81	4.31	3.70	5.45	7.80	5.29	5.10	3.41	2.49	3.43
1.00	0.78	0.82	1.60	1.23	1.36	3.85	1.54	1.68	1.06	1.31	1.11
4.07	3.54	2.48	2.42	2.05	2.12	5.18	14.0	29.4	16.8	13.3	4.66

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.89	1.87	1.74	1.63	1.60	1.65	1.80	2.41	2.69	2.53	2.33	1.97
0.17	0.13	0.09	0.14	0.12	0.08	0.15	0.13	0.17	0.13	0.21	0.12
0.41	0.36	0.31	0.38	0.35	0.29	0.39	0.37	0.41	0.37	0.46	0.35
-0.13	-0.24	0.47	1.14	0.60	1.38	1.82	0.79	0.57	-0.10	0.30	0.34
0.22	0.19	0.18	0.23	0.22	0.18	0.22	0.15	0.15	0.14	0.20	0.18
7.82	7.77	7.21	6.74	6.65	6.84	7.48	10.0	11.2	10.5	9.65	8.18

07123000 ARKANSAS RIVER AT LA JUNTA, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
241	51570	227	3.35	0.94	-0.014

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.28	0.08	0.28	0.91	0.12	0.096

07123500 HORSE CREEK NEAR SUGAR CITY, COLO.

LOCATION.--Lat 38°14'21", long 103°38'04", in SW¼NW¼ sec.12, T.21 S., R.56 W., Crowley County, at bridge on State Highway 96, 0.2 mi (0.3 km) upstream from unnamed tributary, and 1.3 mi (2.1 km) east of Sugar City.

DRAINAGE AREA.--1,080 mi² (2,797 km²).

REMARKS.--A few small diversions above station for irrigation.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HORSE CREEK NEAR SUGAR CITY, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1941		118	51	41		55	13	25	12	10	8	1	4	3	1	3	1	2	1	1	2	2		3	1		1	2	1	1		2			
1942			36	25	54	27	17	21	16	31	28	42	22	10	7	3	5	1	5	1		2	1	3	1	1	2		1		2		1		
1943		4	56	15	92	31	17	34	29	26	20	8	17	5	8		1				1	1													
1944			10	26	35	58	52	27	32	29	31	14	25	6	4	2	3		3	1	1	2	1	2	1					1					
1945			5	58	22	100	44	43	32	24	21	4	6	1		1		1	1		1											1			
1946			21	43	48	36	39	38	33	23	23	25	10	6	3	2	1		1	2		1	1	2	1	1		1	2	1		1			
1947				8	30	48	89	49	65	24	18	16	3	6		1	1	1	1	1				1			1			1		1			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2556	100.0	12	3.6	87	250	9.8	24	100	4	29	1.1
1	0.10	122	2556	100.0	13	4.8	37	163	6.4	25	130	2	25	.9
2	0.20	179	2434	95.2	14	6.3	23	126	4.9	26	170	4	23	.8
3	0.30	216	2255	88.2	15	8.3	12	103	4.0	27	230	3	19	.7
4	0.40	281	2039	79.8	16	11.0	12	91	3.6	28	300	4	16	.6
5	0.50	355	1758	68.8	17	15.0	5	79	3.1	29	400	4	12	.4
6	0.70	271	1403	54.9	18	19.0	12	74	2.9	30	530	2	8	.3
7	0.90	237	1132	44.3	19	25.0	6	62	2.4	31	700	5	6	.2
8	1.20	219	895	35.0	20	33.0	5	56	2.2	32	920	1	1	
9	1.60	167	676	26.4	21	44.0	8	51	2.0	33				
10	2.10	149	509	19.9	22	58.0	3	43	1.7	34				
11	2.80	110	360	14.1	23	76.0	11	40	1.6					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HORSE CREEK NEAR SUGAR CITY, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1941	845.0	4	510.0	3	229.0	3	107.0	3	64.0	3	50.0	2	40.0	1	30.0	1	21.0	1
1942	1750.0	1	834.0	1	398.0	1	189.0	2	96.0	2	49.0	3	33.0	3	25.0	3	17.0	3
1943	49.0	7	32.0	7	15.0	7	7.5	7	4.5	7	2.7	7	2.1	7	2.0	7	1.8	7
1944	469.0	6	187.0	6	81.0	6	39.0	6	21.0	6	13.0	6	12.0	5	12.0	5	8.1	5
1945	723.0	5	262.0	5	116.0	5	57.0	5	29.0	5	15.0	5	11.0	6	8.3	6	5.7	6
1946	918.0	2	513.0	2	357.0	2	194.0	1	102.0	1	52.0	1	35.0	2	27.0	2	18.0	2
1947	880.0	3	477.0	4	211.0	4	100.0	4	50.0	4	26.0	4	17.0	4	15.0	4	10.0	4

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HORSE CREEK NEAR SUGAR CITY, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1942	0.11	1	0.10	1	0.10	1	0.10	1	0.25	1	0.34	3	0.35	1	0.40	1	16.00	6
1943	0.11	2	0.17	2	0.20	3	0.21	3	0.27	3	0.37	4	0.38	3	0.47	3	1.10	4
1944	0.11	3	0.17	3	0.19	2	0.19	2	0.29	4	0.44	5	0.55	5	0.60	5	0.64	2
1945	0.21	4	0.24	6	0.27	6	0.29	5	0.29	5	0.33	2	0.39	4	0.42	2	0.59	1
1946	0.21	5	0.20	4	0.22	4	0.22	4	0.25	2	0.31	1	0.35	2	0.55	4	0.97	3
1947	0.21	6	0.24	5	0.27	5	0.38	6	0.47	6	0.74	6	0.81	6	1.20	6	1.60	5

07123500 HORSE CREEK NEAR SUGAR CITY, COLO.--Continued

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
14.3	1.58	1.08	0.66	0.44	0.52	7.40	9.61	1.56	8.10	24.9	14.4
1180	1.41	0.59	0.08	0.02	0.12	101	300	0.89	157	903	408
34.3	1.19	0.77	0.28	0.15	0.35	10.0	17.3	0.95	12.5	30.1	20.2
2.64	0.30	1.32	0.42	1.78	1.57	1.31	2.59	-0.08	1.53	1.91	1.58
2.40	0.75	0.71	0.43	0.33	0.66	1.36	1.80	0.61	1.55	1.21	1.40
16.9	1.87	1.28	0.78	0.52	0.62	8.74	11.4	1.84	9.57	29.5	17.0

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.26	0.06	-0.05	-0.22	-0.37	-0.35	0.43	0.58	0.09	0.38	1.10	0.67
0.78	0.15	0.08	0.04	0.02	0.06	0.48	0.32	0.13	0.53	0.36	0.56
0.88	0.39	0.29	0.19	0.13	0.25	0.69	0.57	0.37	0.73	0.60	0.75
1.02	-0.12	0.54	0.05	1.32	0.98	0.48	1.26	-1.08	0.99	-0.24	0.46
3.43	6.02	-5.44	-0.87	-0.34	-0.71	1.60	0.97	4.09	1.93	0.54	1.12
9.98	2.50	-2.06	-8.41	-14.5	-13.4	16.8	22.6	3.46	14.6	42.6	25.9

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
7.11	22.1	4.70	0.48	0.66	0.008

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.75	0.12	0.35	-0.66	0.47	-0.134

07124000 ARKANSAS RIVER AT LAS ANIMAS, COLO.

LOCATION.--Lat 38°04'51", long 103°13'09", in SE¼NE¼ sec.3, T.23 S., R.52 W., Bent County, on right bank at upstream side of bridge on U.S. Highway 50, 1.1 mi (1.8 km) north of courthouse in Las Animas, and 4.2 mi (6.8 km) upstream from Purgatoire River.

DRAINAGE AREA.--14,417 mi² (37,340 km²), of which 441 mi² (1,142 km²) is probably noncontributing.

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs, power developments, ground-water withdrawals and diversions for irrigation of about 412,000 acres (1,670 km²), and return flow from irrigated areas. Flow partly regulated by Pueblo Reservoir since Jan. 9, 1974.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT LAS ANIMAS, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1940									3	30	83	33	30	52	38	34	14	12	10	11	9	5	1	1											
1941									3	31	23	27	18	19	24	31	43	43	25	25	27	11	7	4	2	2									
1942											1	4	4	9	22	16	19	22	21	19	41	39	43	16	6	6	15	11	13	12	17	4	3	2	
1943											11	11	15	14	19	27	31	39	36	34	41	45	27	10	4	1									
1944												27	25	16	52	80	53	34	15	10	10	5	12	10	4	2	3	5	2		1				
1945											26	33	34	44	29	40	36	19	24	17	23	21	4	5		1	3	2	2	2					
1946											9	45	39	27	64	75	27	11	20	13	13	8	3	5	1	3	1	1							
1947												18	32	30	30	61	51	22	16	14	10	8	8	12	9	14	10	9	4	1	5	1			
1948												23	35	29	24	36	40	28	18	26	29	18	11	12	15	2	6	3	4	6	1				
1949											1	56	65	36	26	19	31	35	48	12	2	3	6	4	8	7	4	1	1						
1950											1	79	72	43	48	37	34	24	14	5	1	1	2		3				1						
1951											35	68	105	53	23	35	16	4	2	2	5	5	4	2	2	1		3							
1952											6	65	47	59	54	25	17	7	11	9	19	22	15	7	3										
1953										11	38	76	55	32	27	34	19	13	8	6	14	17	9	3	1	1		1							
1954								10	10	69	65	82	30	32	28	8	6	5	3	3	9	1	1	1	1			1							
1955								71	103	66	46	17	12	16	5	2	7		2		4	1	2	4	1		3				1			1	
1956			1		8	7	10	32	64	61	47	48	16	9	11	5	1	3	1	6	8	21	6	1											
1957					6	12	36	44	93	11	11	14	8	7	4	4	4	5	4	11	8	15	7	3	3	7	15	21	8	3					1
1958									1	9	33	36	20	11	43	45	42	49	20	4	12	12	7	7	3	3	4	4							
1959							10	29	39	67	70	23	25	29	36	27	4	1	4	1															
1960								33	27	25	57	35	36	35	33	13	14	5	6	8	17	13	7	1		1									
1961						3	3	12	13	17	22	50	37	57	26	10	21	9	10	13	29	26	3	1	2		1								
1962								1	12	21	21	20	18	30	45	45	40	7	11	18	34	29	8	2	2	1									
1963						5	5	10	35	34	29	20	37	35	61	41	19	4	10	6	8	5	1												
1964	3	1	1	6	11	15	45	32	93	44	34	19	16	13	5	3	6	2	5	4	4	3	1												
1965		1		1	16	17	47	36	41	16	23	9	5	13	22	14	10	11	7	9	16	8	7	4	11	7	6		1	4		2	1		

07124000 ARKANSAS RIVER AT LAS ANIMAS, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT LAS ANIMAS, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1966										19	71	29	20	30	33	17	7	8	40	35	33	14	2		3	2		1	1						
1967									4	28	104	86	63	26	32	7	2	4	2	2	1	2	1					1							
1968										2	59	78	45	29	35	21	5	13	16	10	22	27	2	1	1										
1969										2	33	98	69	50	21	10	16	13	13	6	6	17	7	2		2									
1970												51	42	40	47	27	15	22	14	14	43	29	19	2											
1971											6	76	60	35	41	19	14	24	13	23	32	21		1											
1972									1	25	50	58	71	38	23	18	16	12	6	6	14	11	12	3	1	1									
1973								6	2	32	21	67	56	30	38	22	17	9	8	3	11	34	7	2											
1974							2	22	18	4	25	10	45	78	31	19	14	13	19	8	6	14	37												
1975							2	18	50	37	84	46	12	9	3	11	3	9	5	6	2	12	22	27	4	1	2								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	13149	100.0	12	26.0	1356	8535	64.9	24	990	80	398	3.0
1	0.80	3	13149	100.0	13	35.0	1057	7179	54.6	25	1300	70	318	2.4
2	1.20	3	13146	100.0	14	47.0	1098	6122	46.6	26	1800	72	248	1.8
3	1.70	1	13143	100.0	15	64.0	935	5024	38.2	27	2500	70	176	1.3
4	2.20	21	13142	99.9	16	87.0	720	4089	31.1	28	3400	36	106	.8
5	3.00	58	13121	99.8	17	120.0	546	3369	25.6	29	4600	25	70	.5
6	4.10	136	13063	99.3	18	160.0	478	2823	21.5	30	6200	29	45	.3
7	5.60	408	12927	98.3	19	220.0	392	2345	17.8	31	8400	5	16	.1
8	7.60	519	12519	95.2	20	290.0	574	1953	14.9	32	11000	5	11	
9	10.00	803	12000	91.3	21	400.0	565	1379	10.5	33	15000	5	6	
10	14.00	1095	11197	85.2	22	540.0	282	814	6.2	34	21000	1	1	
11	19.00	1567	10102	76.8	23	730.0	134	532	4.0					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT LAS ANIMAS, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1940	822.0	29	486.0	34	458.0	33	343.0	32	245.0	31	142.0	31	114.0	32	102.0	32	86.0	31
1941	1540.0	22	909.0	25	658.0	21	472.0	26	417.0	25	319.0	27	306.0	20	281.0	16	218.0	15
1942	20900.0	2	17500.0	1	12800.0	1	10500.0	1	7870.0	1	5580.0	1	4540.0	1	3590.0	1	2440.0	1
1943	1500.0	24	1280.0	16	1060.0	13	736.0	13	669.0	11	507.0	12	443.0	12	383.0	11	323.0	8
1944	6800.0	7	4750.0	7	3640.0	7	2460.0	7	1520.0	7	1050.0	6	760.0	6	614.0	6	425.0	6
1945	4950.0	8	3710.0	8	2180.0	9	1780.0	8	1120.0	8	762.0	9	618.0	8	475.0	8	320.0	9
1946	2890.0	17	2070.0	12	1480.0	11	767.0	11	455.0	18	355.0	22	334.0	17	264.0	20	191.0	19
1947	8640.0	5	7760.0	4	6720.0	4	4390.0	2	3240.0	2	2420.0	2	1820.0	3	1390.0	3	935.0	3
1948	7590.0	6	4940.0	6	4520.0	5	3830.0	4	2730.0	4	1500.0	5	1050.0	5	969.0	5	711.0	5
1949	3710.0	11	2470.0	10	1550.0	10	1270.0	10	966.0	10	771.0	8	532.0	9	406.0	9	308.0	10
1950	4350.0	9	2010.0	13	1290.0	12	653.0	16	361.0	30	212.0	30	167.0	30	139.0	30	100.0	30
1951	3140.0	13	1500.0	14	963.0	15	688.0	15	423.0	24	393.0	17	281.0	23	218.0	26	154.0	26
1952	1100.0	26	955.0	23	828.0	17	748.0	12	626.0	13	476.0	14	409.0	14	340.0	14	245.0	13
1953	3190.0	12	1300.0	15	780.0	18	582.0	19	567.0	14	414.0	16	352.0	16	277.0	18	191.0	20
1954	3060.0	15	1230.0	18	548.0	29	348.0	31	195.0	32	135.0	33	146.0	31	114.0	31	81.0	32
1955	25800.0	1	16400.0	2	7670.0	2	3770.0	5	1900.0	6	961.0	7	721.0	7	545.0	7	361.0	7
1956	848.0	28	559.0	31	513.0	31	480.0	25	453.0	19	309.0	28	222.0	29	170.0	29	120.0	29
1957	15700.0	3	7730.0	5	3640.0	6	3360.0	6	3050.0	3	2420.0	3	2010.0	2	1580.0	2	1060.0	2
1958	2980.0	16	2780.0	9	2340.0	8	1630.0	9	1020.0	9	625.0	10	453.0	11	359.0	12	268.0	12
1959	251.0	36	212.0	36	173.0	36	120.0	36	93.0	36	75.0	36	65.0	36	59.0	36	44.0	36
1960	1550.0	20	666.0	28	568.0	28	501.0	24	437.0	21	353.0	23	239.0	28	192.0	28	148.0	28
1961	2000.0	18	1040.0	20	658.0	22	442.0	28	380.0	28	369.0	21	308.0	19	278.0	17	203.0	18
1962	1360.0	25	974.0	22	608.0	24	507.0	23	427.0	23	390.0	18	370.0	15	294.0	15	210.0	16
1963	540.0	34	407.0	35	366.0	35	259.0	35	158.0	34	108.0	35	101.0	35	101.0	33	74.0	33
1964	740.0	33	608.0	30	522.0	30	289.0	34	152.0	35	130.0	34	110.0	33	91.0	34	64.0	34
1965	15100.0	4	11900.0	3	6950.0	3	3940.0	3	2440.0	5	1710.0	4	1650.0	4	1290.0	4	868.0	4
1966	3710.0	10	2210.0	11	1030.0	14	527.0	21	388.0	27	270.0	29	262.0	26	249.0	22	207.0	17
1967	3130.0	14	1250.0	17	571.0	26	312.0	33	195.0	33	138.0	32	105.0	34	83.0	35	60.0	35
1968	1040.0	27	659.0	29	572.0	25	455.0	27	367.0	29	339.0	25	274.0	24	251.0	21	172.0	22
1969	1740.0	19	1040.0	21	570.0	27	507.0	22	440.0	20	324.0	26	261.0	27	226.0	24	162.0	25
1970	775.0	31	712.0	27	669.0	20	601.0	18	526.0	16	477.0	13	410.0	13	383.0	10	275.0	11
1971	761.0	32	503.0	32	437.0	34	425.0	30	415.0	26	352.0	24	283.0	22	225.0	25	164.0	23
1972	1540.0	21	921.0	24	698.0	19	632.0	17	558.0	15	373.0	20	299.0	21	236.0	23	162.0	24
1973	800.0	30	767.0	26	646.0	23	570.0	20	510.0	17	428.0	15	328.0	18	264.0	19	189.0	21
1974	504.0	35	489.0	33	459.0	32	439.0	29	429.0	22	375.0	19	263.0	25	203.0	27	151.0	27
1975	1510.0	23	1070.0	19	833.0	16	734.0	14	648.0	12	586.0	11	457.0	10	350.0	13	235.0	14

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT LAS ANIMAS, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1941	8.00	14	9.00	15	9.70	15	10.00	11	14.00	15	43.00	27	46.00	25	62.00	27	65.00	23
1942	12.00	21	12.00	19	13.00	19	26.00	33	37.00	33	115.00	34	174.00	35	210.00	35	213.00	34
1943	28.00	35	48.00	35	62.00	35	81.00	35	102.00	35	140.00	35	154.00	33	179.00	33	275.00	35
1944	14.00	22	15.00	24	18.00	26	22.00	28	46.00	34	60.00	30	64.00	28	71.00	29	77.00	26
1945	17.00	30	18.00	29	21.00	30	22.00	29	24.00	26	27.00	19	39.00	22	61.00	26	91.00	28

07124000 ARKANSAS RIVER AT LAS ANIMAS, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT LAS ANIMAS, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1946	14.00	23	15.00	25	16.00	22	17.00	21	18.00	18	25.00	17	64.00	29	68.00	28	76.00	25
1947	16.00	28	16.00	26	19.00	27	20.00	25	21.00	22	51.00	29	94.00	30	101.00	30	117.00	30
1948	20.00	33	21.00	33	22.00	31	26.00	34	29.00	32	69.00	31	118.00	32	121.00	32	127.00	31
1949	22.00	34	23.00	34	24.00	34	24.00	30	24.00	27	27.00	20	34.00	19	49.00	23	79.00	27
1950	16.00	29	20.00	31	23.00	33	24.00	31	28.00	31	29.00	23	34.00	20	35.00	16	57.00	22
1951	18.00	31	19.00	30	20.00	29	21.00	26	25.00	28	26.00	18	33.00	18	41.00	19	42.00	18
1952	15.00	27	16.00	27	16.00	23	17.00	22	19.00	19	20.00	14	25.00	14	26.00	11	35.00	13
1953	14.00	24	17.00	28	19.00	28	21.00	27	23.00	24	29.00	24	39.00	23	45.00	21	47.00	19
1954	8.60	15	8.70	14	9.60	14	10.00	12	11.00	10	13.00	9	17.00	10	23.00	10	28.00	10
1955	5.60	9	5.60	7	6.10	7	6.20	7	6.30	7	6.80	5	7.00	3	8.80	4	13.00	5
1956	6.50	11	6.80	10	7.00	10	7.30	8	8.00	8	8.80	7	9.50	7	10.00	5	14.00	7
1957	1.60	3	2.10	2	2.60	2	3.00	1	3.20	1	4.20	1	4.60	1	5.40	1	6.40	1
1958	4.60	8	7.00	11	8.60	12	10.00	13	19.00	20	97.00	32	95.00	31	119.00	31	136.00	32
1959	10.00	17	10.00	17	11.00	17	12.00	17	15.00	16	16.00	12	22.00	13	27.00	12	39.00	14
1960	4.20	7	4.20	6	4.50	5	5.20	5	5.70	5	7.60	6	8.80	6	10.00	6	12.00	3
1961	4.00	6	4.00	5	4.60	6	5.50	6	6.30	6	8.90	8	17.00	8	22.00	9	31.00	12
1962	7.00	13	7.20	12	8.00	11	8.80	9	12.00	11	47.00	28	55.00	27	58.00	25	107.00	29
1963	6.80	12	8.50	13	9.50	13	11.00	14	13.00	13	21.00	15	32.00	17	35.00	17	40.00	15
1964	2.70	4	2.80	3	3.30	3	4.10	2	5.40	4	6.40	4	8.10	5	12.00	7	13.00	6
1965	0.90	1	1.40	1	2.20	1	4.60	4	5.10	3	6.20	3	7.70	4	8.50	3	12.00	4
1966	1.50	2	6.00	8	6.40	8	8.90	10	23.00	25	98.00	33	169.00	34	185.00	34	207.00	33
1967	10.00	18	11.00	18	12.00	18	13.00	18	13.00	14	15.00	10	17.00	9	28.00	14	27.00	8
1968	8.70	16	9.10	16	10.00	16	11.00	15	12.00	12	15.00	11	19.00	11	35.00	18	40.00	16
1969	14.00	25	14.00	22	15.00	21	15.00	19	17.00	17	22.00	16	26.00	15	27.00	13	30.00	11
1970	12.00	19	13.00	20	14.00	20	16.00	20	20.00	21	32.00	25	49.00	26	49.00	22	57.00	20
1971	20.00	32	21.00	32	22.00	32	24.00	32	25.00	29	28.00	21	35.00	21	53.00	24	70.00	24
1972	14.00	26	15.00	23	17.00	24	19.00	23	22.00	23	32.00	26	31.00	16	32.00	15	42.00	17
1973	6.00	10	6.10	9	6.90	9	11.00	16	11.00	9	17.00	13	19.00	12	22.00	8	28.00	9
1974	12.00	20	14.00	21	17.00	25	20.00	24	25.00	30	28.00	22	44.00	24	43.00	20	57.00	21
1975	3.00	5	3.70	4	4.00	4	4.20	3	4.50	2	5.20	2	5.40	2	5.90	2	9.40	2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
78.9	75.3	78.3	95.5	81.6	69.4	162	373	623	408	254	75.2
9179	12930	7035	15990	7246	14800	518100	738300	711500	289200	128600	7190
95.8	114	83.9	126	85.1	122	720	859	843	538	359	84.8
2.18	3.85	1.90	3.41	2.24	4.46	5.96	4.46	2.35	3.70	3.29	2.04
1.21	1.51	1.07	1.32	1.04	1.75	4.43	2.31	1.35	1.32	1.41	1.13
3.32	3.17	3.30	4.02	3.44	2.92	6.84	15.7	26.2	17.2	10.7	3.17

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.62	1.60	1.69	1.78	1.75	1.59	1.55	2.10	2.46	2.37	2.10	1.62
0.27	0.24	0.19	0.16	0.14	0.17	0.23	0.34	0.36	0.25	0.32	0.25
0.52	0.49	0.43	0.41	0.37	0.41	0.48	0.58	0.60	0.50	0.56	0.50
-0.04	0.07	0.08	0.32	0.36	0.76	2.61	0.72	-0.39	-0.62	-0.32	-0.08
0.32	0.31	0.26	0.23	0.21	0.26	0.31	0.28	0.24	0.21	0.27	0.31
7.29	7.20	7.60	7.99	7.86	7.18	6.95	9.45	11.1	10.7	9.43	7.31

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
198	59420	244	3.86	1.23	0.070

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.14	0.12	0.35	0.66	0.16	0.154

07124500 PURGATOIRE RIVER AT TRINIDAD, COLO.

LOCATION.--Lat 37°10'15", long 104°30'31", in SW¼SE¼ sec.13, T.33 S., R.64 W., Las Animas County, on left bank 90 ft (27 m) downstream from railroad bridge and 680 ft (210 m) downstream from Animas Street Bridge in Trinidad.

DRAINAGE AREA.--795 mi^2 (2,059 km^2).

REMARKS.--Diversions above station for irrigation of about 6,500 acres (26.3 km^2).

07124500 PURGATOIRE RIVER AT TRINIDAD, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PURGATOIRE RIVER AT TRINIDAD, CO.

NUMBER OF DAYS IN CLASS

CLASS / YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1897													1	1	3	2	101	77	33	11	19	25	33	16	15	18	5	3	2						
1898																90	44	72	14	47	33	6	25	12	5	6	7	4							
1899										3					4	59	128	71	16	48	16	6	4	2	2	1		1	3	1					
1910													63	1	16	50	79	56	14	8	12	29	28	6	3										
1911								13		12	11	21	53	1	84	17	23	26	23	27	18	14	4	6	5	2		1	2	2					
1912											2	40	22	29	7	5	24	32	50	21	29	16	43	34	10	1	1								
1916											43		60		89	36	54	19		4	10	1	23	18	7		1		1						
1917											33		153	19	12	19	11	5	19	13	26	19	31	4	1										
1918															102	47	60	19	32	7	49	38	6	2				3							
1919																31	120	52	13	40	8	18	19	44	11	4	2	1		2					
1920															67	29	56	42	43	42	30	5	20	24	6	1		1							
1921													14		40	61	54	34	38	24	49	11	13	6	9	7	2	2		1					
1922													5	20	57	100	60	25	43	16	17	14	5	2		1									
1923											2	2	5	41	125	15	27	2	5	15	35	25	26	16	9	6	5	4							
1924													1	1	14	22	27	46	71	30	17	25	50	55	6		1								
1925								10		6	3	1	16	31	73	49	75	50	13	6	8	9	9	2	2			1			1				
1926												2	6	16	33	52	73	24	14	16	17	29	40	21	22										
1927										2	3	11	41	54	52	38	17	15	38	34	35	13	4	3	2	1			1	1					
1928										1	1	4	5	19	92	58	24	37	28	26	17	14	17	10	2	10	1								
1929										1	1	12	16	20	91	58	28	17	34	22	21	21	11	6	1	3	1	1							
1930												2	6	11	42	60	52	53	38	15	17	26	20	10	6	4	1	2							
1931														13	46	40	63	53	37	36	24	12	18	21	1	1									
1932													6	7	92	60	69	41	24	10	29	17	6	2	2	1									
1933												1	36	51	61	81	24	25	16	11	22	13	14	6	2	1		1							
1934												4	5	31	98	87	53	45	15	9	15	1	1	1											
1935										4	2	16	26	46	87	26	21	12	18	26	29	18	13	14	7										
1936							1				2	2	18	53	56	41	53	52	38	19	18	7	3	1	2										
1937										4	7	1	14	7	37	60	40	53	21	25	26	21	22	23	3		1								
1938									1	2		2	5	38	113	41	20	20	19	15	16	24	28	17	1	2	1								
1939												1	5	16	36	40	67	88	54	25	26	6			1										
1940											4	3	17	59	95	40	38	28	21	22	17	11	8	2	1										
1941										1	1	1	1	1	48	62	39	51	23	9	5	16	18	24	31	29	2	2		1					
1942															2	14	36	84	47	21	23	28	26	26	22	21	6	3	1	2	2				1
1943									3			2	8	11	58	42	70	105	37	11	3	4	4	3	1		3								
1944									1		2		2	11	110	56	39	15	15	4	22	17	27	23	11	5	3	2	1						
1945												1	1	10	76	90	45	20	10	20	49	26	9	6		1	1								
1946												2	4	24	96	110	70	35	12	4	3	2		1	1	1									
1947														16	69	65	43	33	19	12	22	24	29	20	7	4	2								
1948														4	21	56	61	55	68	24	22	14	9	9	10	8	4				1				
1949														11	54	89	53	34	22	22	18	15	16	13	9	5	4								
1950	1	2		1		1	1	3	3	5	6	23	30	36	112	63	32	13	12	6	3	3	5	1	2			1							
1951				2		2	2	1	9	8	7	39	49	77	68	27	22	28	15	4	2	1	1	1											
1952						7	2		2	1	1	9	5	37	76	33	40	28	25	16	20	24	18	11	10		1								
1953									1	3	2	5	32	7	104	54	23	29	21	14	27	20	21		1		1								
1954				1		1	1	2	1	6	4	15	32	60	97	22	23	32	46	4	5	4	1	2	2	3	1								
1955						1	2	1		2	11	52	53	31	68	2	11	18	18	15	10	11	26	16	7	1	3	3	1	1					1
1956	4					3		7	1	2	8	7	21	39	101	70	40	29	20	3	3	3	1	1	2	1									
1957	5					4		7	3	9	13	13	48	27	40	24	9	16	15	12	8	13	14	25	37	18	4	1							
1958													2	12	47	60	62	63	24	13	13	22	6	13	15	10	2	1							
1959												1	7	12	73	94	64	34	44	16	15	3	2												
1960			2	1	2	1	1		2	1	6	13	41	52	50	27	25	48	43	33	8	8	1		1										
1962												2	20	15	42	39	69	42	29	31	40	24	10	1				1							
1963								1	9	21	14	16	23	68	127	21	24	17	10	3	4	1	1	2	1	1		1							
1964										1	6	1	19	63	75	77	49	20	18	16	11	4	1	1	1	1	2								
1965											15	36	48	59	46	2	5	13	27	22	26	18	18	8	14	3	2			2		1			
1966												1	7	13	42	83	53	65	52	18	7	6	4	1	8	1	3	1							
1967												11	18	78	124	11	11	21	25	27	17	5	4	5	5	3									
1968															23	90	103	21	18	21	34	18	31	3	4										
1969													1	2	56	112	40	16	29	48	30	13	10	5	1		2								
1970														2	48	54	78	48	24	28	43	32	8												
1971												4	8	55	87	38	80	56	28	4	1	2	1	1											
1972											1	11	17	79	78	74	83	12	4	3	2	1	1												
1973											4	17	23	44	97	31	15	7	8	3	23	37	34	20	1	1									
1974												4	11	45	147	86	47	14	8	2	1														
1975												4	46	64	73	41	24	29	20	13	23	22	4	1	1										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	10	23741	100.0	12	7.9	1176	22884	96.4	24	440	349	684	2.8
1	0.10	2	23731	100.0	13	11.0	1650	21708	91.4	25	610	187	335	1.4
2	0.30	2	23729	99.9	14	15.0	4159	20058	84.5	26	850	75	148	.6
3	0.40	5	23727	99.9	15	22.0	3233	15899	67.0	27	1200	41	73	.3
4	0.50	2	23722	99.9	16	30.0	3073	12666	53.4	28	1700	12	32	.1
5	0.80	20	23720	99.9	17	42.0	2342	9593	40.4	29	2300	13	20	
6	1.10	10	23700	99.8	18	59.0	1678	7251	30.5	30	3300	4	7	
7	1.50	45	23690	99.8	19	82.0	1172	5573	23.5	31	4500	1	3	
8	2.10	36	23645	99.6	20	110.0	1248	4401	18.5	32	6400		2	
9	2.90	95	23609	99.4	21	160.0	935	3153	13.3	33	8900		2	
10	4.10	215	23514	99.0	22	220.0	905	2218	9.3	34	12000	2	2	
11	5.70	415	23299	98.1	23	310.0	629	1313	5.5					

07124500 PURGATOIRE RIVER AT TRINIDAD, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PURGATOIRE RIVER AT TRINIDAD, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1897	2020.0	12	1130.0	15	852.0	13	801.0	7	761.0	3	574.0	4	483.0	5	436.0	4	323.0	3
1898	1280.0	25	1280.0	14	809.0	17	559.0	17	406.0	19	343.0	16	303.0	15	276.0	13	226.0	8
1899	2360.0	11	1870.0	7	1020.0	8	567.0	16	468.0	16	279.0	26	211.0	29	188.0	27	144.0	27
1910	515.0	57	382.0	52	316.0	46	277.0	40	257.0	36	234.0	32	182.0	35	162.0	36	124.0	35
1911	3100.0	6	1900.0	5	1390.0	4	900.0	4	597.0	9	366.0	14	281.0	19	230.0	20	158.0	22
1912	1120.0	32	590.0	33	442.0	32	425.0	26	395.0	21	344.0	15	324.0	12	282.0	11	210.0	12
1916	1900.0	13	820.0	22	511.0	25	430.0	25	293.0	34	277.0	27	200.0	32	186.0	28	128.0	32
1917	555.0	55	348.0	55	292.0	49	280.0	39	251.0	37	201.0	38	174.0	40	150.0	39	110.0	39
1918	1440.0	20	697.0	27	584.0	23	455.0	24	310.0	31	244.0	31	212.0	28	180.0	32	136.0	29
1919	2870.0	8	1870.0	6	1040.0	7	685.0	11	569.0	10	443.0	7	417.0	6	360.0	6	263.0	6
1920	1280.0	26	487.0	45	420.0	35	390.0	29	357.0	27	290.0	23	231.0	25	214.0	23	153.0	24
1921	2530.0	9	1680.0	9	1180.0	5	843.0	6	526.0	12	326.0	21	301.0	16	262.0	15	197.0	15
1922	719.0	44	391.0	49	270.0	53	243.0	45	183.0	48	144.0	48	116.0	48	105.0	48	79.0	48
1923	1600.0	18	927.0	20	778.0	18	537.0	19	416.0	18	384.0	12	370.0	9	346.0	7	245.0	7
1924	1140.0	31	571.0	35	430.0	34	389.0	30	362.0	26	338.0	18	321.0	14	276.0	12	205.0	14
1925	3620.0	5	1930.0	4	997.0	9	568.0	15	381.0	22	226.0	35	163.0	43	134.0	45	94.0	45
1926	576.0	53	533.0	38	516.0	24	493.0	22	465.0	17	383.0	13	331.0	11	292.0	10	219.0	11
1927	2950.0	7	1300.0	13	677.0	19	408.0	27	374.0	23	230.0	34	196.0	33	169.0	34	125.0	33
1928	977.0	36	806.0	23	677.0	20	519.0	20	469.0	15	330.0	20	249.0	22	216.0	22	156.0	23
1929	1680.0	15	760.0	24	508.0	26	370.0	32	281.0	35	200.0	39	181.0	36	171.0	33	124.0	34
1930	1620.0	17	1330.0	12	940.0	11	665.0	12	509.0	14	338.0	19	263.0	20	229.0	21	171.0	19
1931	660.0	47	395.0	47	379.0	39	365.0	33	319.0	30	258.0	29	213.0	27	182.0	30	137.0	28
1932	644.0	48	384.0	51	339.0	44	238.0	46	190.0	46	169.0	44	142.0	46	122.0	46	89.0	46
1933	1630.0	16	733.0	25	445.0	31	297.0	37	242.0	39	216.0	36	179.0	38	147.0	40	105.0	41
1934	350.0	59	233.0	60	141.0	62	131.0	59	107.0	60	78.0	60	67.0	60	61.0	59	50.0	58
1935	574.0	54	533.0	39	454.0	30	400.0	28	308.0	32	252.0	30	206.0	30	185.0	29	131.0	31
1936	542.0	56	391.0	50	297.0	48	231.0	49	152.0	53	103.0	53	94.0	52	90.0	52	72.0	50
1937	1180.0	29	495.0	44	377.0	40	334.0	34	323.0	28	292.0	22	236.0	24	205.0	24	163.0	21
1938	1080.0	33	594.0	32	490.0	28	373.0	31	323.0	29	283.0	24	243.0	23	200.0	25	151.0	25
1939	586.0	52	280.0	56	160.0	59	126.0	61	115.0	57	102.0	54	86.0	54	75.0	56	66.0	54
1940	592.0	51	265.0	57	241.0	55	214.0	52	174.0	50	124.0	50	106.0	51	97.0	50	79.0	49
1941	2520.0	10	1580.0	10	1050.0	6	886.0	5	759.0	4	653.0	3	557.0	2	480.0	2	351.0	2
1942	12400.0	2	6860.0	2	4210.0	1	2500.0	1	1560.0	1	1010.0	1	791.0	1	654.0	1	477.0	1
1943	899.0	39	662.0	28	357.0	42	257.0	43	165.0	51	102.0	55	82.0	57	76.0	55	60.0	56
1944	1710.0	14	1350.0	11	921.0	12	616.0	14	565.0	11	443.0	8	383.0	8	317.0	9	225.0	9
1945	1070.0	34	516.0	42	334.0	45	235.0	48	218.0	41	198.0	40	180.0	37	162.0	35	119.0	36
1946	818.0	42	483.0	46	286.0	50	190.0	55	123.0	56	74.0	61	57.0	62	54.0	62	46.0	60
1947	1020.0	35	887.0	21	674.0	21	514.0	21	403.0	20	341.0	17	294.0	18	260.0	17	192.0	17
1948	4230.0	4	1800.0	8	964.0	10	726.0	10	697.0	5	436.0	9	323.0	13	261.0	16	206.0	13
1949	1170.0	30	1080.0	17	829.0	14	633.0	13	519.0	13	385.0	11	298.0	17	244.0	18	174.0	18
1950	1430.0	21	530.0	40	278.0	52	212.0	53	141.0	55	109.0	52	88.0	53	70.0	57	51.0	57
1951	338.0	60	256.0	59	137.0	63	90.0	63	67.0	63	59.0	63	53.0	63	44.0	63	34.0	63
1952	869.0	40	513.0	43	501.0	27	455.0	23	370.0	24	281.0	25	221.0	26	198.0	26	147.0	26
1953	852.0	41	349.0	54	300.0	47	257.0	44	210.0	42	202.0	37	171.0	41	145.0	41	100.0	43
1954	903.0	38	719.0	26	360.0	41	266.0	41	222.0	40	140.0	49	116.0	49	101.0	49	71.0	51
1955	16800.0	1	7260.0	1	3860.0	2	2050.0	2	1180.0	2	656.0	2	513.0	3	431.0	5	291.0	5
1956	663.0	46	367.0	53	173.0	58	143.0	58	90.0	61	79.0	59	74.0	58	65.0	58	49.0	59
1957	1310.0	24	936.0	19	821.0	15	760.0	8	653.0	6	567.0	5	508.0	4	443.0	3	309.0	4
1958	1320.0	23	1110.0	16	819.0	16	740.0	9	618.0	8	435.0	10	335.0	10	271.0	14	194.0	16
1959	262.0	63	157.0	63	148.0	60	129.0	60	114.0	58	92.0	58	84.0	55	78.0	53	62.0	55
1960	470.0	58	258.0	58	183.0	57	144.0	57	113.0	59	97.0	57	84.0	56	76.0	54	68.0	53
1962	1370.0	22	602.0	31	383.0	38	238.0	47	182.0	49	157.0	47	161.0	44	144.0	42	104.0	42
1963	1230.0	27	528.0	41	260.0	54	162.0	56	157.0	52	99.0	56	70.0	59	58.0	60	42.0	62
1964	1190.0	28	617.0	29	433.0	33	228.0	50	144.0	54	112.0	51	113.0	50	93.0	51	70.0	52
1965	5000.0	3	3400.0	3	1860.0	3	1090.0	3	653.0	7	469.0	6	385.0	7	320.0	8	225.0	10
1966	1470.0	19	1020.0	18	669.0	22	540.0	18	370.0	25	233.0	33	186.0	34	156.0	37	114.0	38
1967	724.0	43	573.0	34	341.0	43	260.0	42	208.0	44	184.0	43	163.0	42	137.0	44	95.0	44
1968	598.0	49	555.0	36	454.0	29	308.0	36	245.0	38	193.0	42	205.0	31	181.0	31	134.0	30
1969	924.0	37	604.0	30	388.0	37	289.0	38	210.0	43	198.0	41	174.0	39	152.0	38	116.0	37
1970	276.0	62	231.0	61	217.0	56	197.0	54	184.0	47	164.0	45	156.0	45	140.0	43	109.0	40
1971	312.0	61	216.0	62	146.0	61	113.0	62	83.0	62	68.0	62	63.0	61	56.0	61	45.0	61
1972	253.0	64	128.0	64	72.0	65	45.0	65	40.0	65	36.0	65	33.0	65	32.0	65	26.0	65
1973	702.0	45	543.0	37	407.0	36	331.0	35	307.0	33	265.0	28	255.0	21	233.0	19	164.0	20
1974	135.0	65	96.0	65	78.0	64	61.0	64	45.0	64	37.0	64	37.0	64	34.0	64	30.0	64
1975	595.0	50	393.0	48	281.0	51	216.0	51	194.0	45	163.0	46	133.0	47	112.0	47	82.0	47

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PURGATOIRE RIVER AT TRINIDAD, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1898	10.00	51	12.00	52	17.00	55	25.00	58	25.00	57	25.00	54	25.00	49	28.00	50	36.00	54
1899	25.00	61	25.00	61	25.00	59	25.00	59	25.00	58	25.00	55	27.00	53	28.00	51	31.00	48
1911	4.00	16	4.00	12	4.00	8	5.40	8	6.40	7	7.90	7	10.00	8	12.00	9	14.00	8
1912	2.00	7	2.00	5	2.00	4	2.20	3	6.30	6	7.70	6	9.30	6	14.00	12	43.00	56
1917	5.00	24	5.00	16	5.00	13	5.00	6	5.00	3	6.90	3	7.50	3	7.90	1	8.30	1
1918	10.00	52	10.00	43	10.00	33	10.00	23	10.00	19	17.00	34	18.00	26	20.00	31	23.00	29
1919	24.00	60	24.00	60	25.00	60	25.00	60	25.00	59	27.00	58	28.00	56	29.00	54	34.00	53
1920	20.00	59	20.00	59	20.00	57	20.00	56	20.00	52	22.00	47	25.00	50	29.00	55	46.00	58

07124500 PURGATOIRE RIVER AT TRINIDAD, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PURGATOIRE RIVER AT TRINIDAD, CO.

YEAR	1	3	7	14	30	60	90	120	183
1921	10.00 53	10.00 44	10.00 34	12.00 32	19.00 46	26.00 56	27.00 54	28.00 52	32.00 51
1922	9.00 43	9.00 38	11.00 35	14.00 38	19.00 47	22.00 48	23.00 43	23.00 40	25.00 38
1923	9.00 44	9.30 39	12.00 42	12.00 33	13.00 28	15.00 22	15.00 20	16.00 18	18.00 18
1924	5.00 25	5.30 20	7.60 22	12.00 34	21.00 53	52.00 61	62.00 61	65.00 61	111.00 61
1925	9.00 45	11.00 45	11.00 36	13.00 35	14.00 32	16.00 28	19.00 32	20.00 32	24.00 34
1926	2.00 8	2.00 6	2.00 5	2.70 4	5.90 4	17.00 35	23.00 44	25.00 45	29.00 44
1927	3.00 14	5.00 17	6.10 16	6.90 16	9.10 14	11.00 12	13.00 12	14.00 13	15.00 10
1928	4.00 17	6.00 24	7.40 20	11.00 28	14.00 33	16.00 29	18.00 27	19.00 27	23.00 30
1929	4.00 18	5.30 18	6.30 17	6.60 15	11.00 20	15.00 23	18.00 28	19.00 28	19.00 19
1930	7.00 36	7.30 30	13.00 47	14.00 39	16.00 36	19.00 37	20.00 36	23.00 41	31.00 49
1931	14.00 58	14.00 54	14.00 48	14.00 40	17.00 39	20.00 42	23.00 45	28.00 53	33.00 52
1932	9.00 46	9.30 40	14.00 49	17.00 52	19.00 48	20.00 43	22.00 39	22.00 38	27.00 39
1933	7.00 37	7.70 31	8.10 26	11.00 29	12.00 23	16.00 30	18.00 29	17.00 22	19.00 20
1934	6.00 30	7.70 32	8.00 24	8.60 20	9.80 15	15.00 24	16.00 21	18.00 23	23.00 31
1935	6.00 31	6.70 28	7.00 19	8.60 21	10.00 16	12.00 13	14.00 16	16.00 19	16.00 14
1936	1.20 5	4.00 13	4.70 10	5.90 9	13.00 29	16.00 31	16.00 22	16.00 20	22.00 26
1937	4.00 19	4.30 15	4.70 11	8.30 19	13.00 30	15.00 25	19.00 33	20.00 33	27.00 40
1938	7.10 38	9.40 41	11.00 37	14.00 41	15.00 34	16.00 26	17.00 23	18.00 24	20.00 23
1939	2.50 10	3.20 10	8.30 27	15.00 44	25.00 60	32.00 59	34.00 59	36.00 59	43.00 57
1940	5.00 26	7.90 33	8.30 28	11.00 30	12.00 24	12.00 14	13.00 13	13.00 10	16.00 15
1941	4.00 20	5.30 19	12.00 43	18.00 53	21.00 54	24.00 53	28.00 55	27.00 49	31.00 50
1942	9.50 48	15.00 57	26.00 61	27.00 61	35.00 61	40.00 60	43.00 60	45.00 60	68.00 60
1943	6.60 34	11.00 46	14.00 50	16.00 46	21.00 55	22.00 49	29.00 57	30.00 56	49.00 59
1944	2.50 11	2.60 8	12.00 44	16.00 47	18.00 43	19.00 38	22.00 40	24.00 42	25.00 35
1945	2.60 12	8.60 35	11.00 38	17.00 48	20.00 49	22.00 50	22.00 41	24.00 43	23.00 32
1946	7.50 40	14.00 55	16.00 54	17.00 49	18.00 44	19.00 39	20.00 34	21.00 34	22.00 27
1947	7.60 41	8.90 36	12.00 45	15.00 45	17.00 40	20.00 40	20.00 35	21.00 35	25.00 36
1948	13.00 56	18.00 58	22.00 58	24.00 57	25.00 56	27.00 57	29.00 58	30.00 57	42.00 55
1949	12.00 55	13.00 53	14.00 51	14.00 42	16.00 37	21.00 44	25.00 51	26.00 46	27.00 41
1950	4.00 21	5.50 21	7.60 21	8.20 17	11.00 21	14.00 21	17.00 24	18.00 25	19.00 21
1951	0.00 1	0.13 2	1.10 3	6.40 14	7.10 11	9.60 9	10.00 7	11.00 6	13.00 4
1952	0.40 3	0.53 3	0.80 2	0.83 2	2.60 2	4.40 2	8.00 5	10.00 5	15.00 11
1953	10.00 49	11.00 47	11.00 39	18.00 54	18.00 41	18.00 36	23.00 46	30.00 58	29.00 45
1954	2.40 9	3.20 9	5.20 14	6.20 12	7.00 10	13.00 17	14.00 17	14.00 14	14.00 9
1955	0.40 4	0.87 4	2.30 6	6.00 10	6.70 9	7.20 5	7.20 2	8.20 3	13.00 5
1956	5.20 27	6.80 29	7.80 23	10.00 24	13.00 31	17.00 32	18.00 30	19.00 29	20.00 24
1957	0.00 2	0.00 1	0.29 1	0.54 1	1.40 1	3.80 1	5.90 1	8.00 2	9.60 2
1958	8.00 42	11.00 48	15.00 52	17.00 50	19.00 45	22.00 51	22.00 42	23.00 39	30.00 46
1959	6.20 32	11.00 49	13.00 46	14.00 43	18.00 42	20.00 41	21.00 37	21.00 36	23.00 28
1960	2.60 13	4.00 11	5.00 12	6.30 13	8.50 13	9.50 8	11.00 9	12.00 7	16.00 12
1963	4.50 22	5.80 23	9.40 31	11.00 31	12.00 25	14.00 18	15.00 18	16.00 21	17.00 16
1964	1.90 6	2.30 7	2.50 7	4.20 5	8.00 12	12.00 15	13.00 14	14.00 15	17.00 17
1965	3.70 15	4.20 14	4.60 9	5.40 7	6.10 5	7.00 4	7.90 4	9.10 4	11.00 3
1966	6.80 35	8.00 34	8.70 30	10.00 25	17.00 38	22.00 52	26.00 52	26.00 47	30.00 47
1967	9.40 47	9.70 42	10.00 32	11.00 26	11.00 22	14.00 19	15.00 19	15.00 16	16.00 13
1968	6.00 28	6.10 25	6.90 18	8.20 18	10.00 17	13.00 16	24.00 47	25.00 44	28.00 42
1969	10.00 50	12.00 50	16.00 53	17.00 51	20.00 50	21.00 45	22.00 38	22.00 37	24.00 33
1970	14.00 57	15.00 56	19.00 56	20.00 55	20.00 51	21.00 46	24.00 48	26.00 48	29.00 43
1971	6.50 33	6.70 26	8.10 25	11.00 27	13.00 26	14.00 20	14.00 15	16.00 17	22.00 25
1972	11.00 54	12.00 51	12.00 40	13.00 36	13.00 27	16.00 27	18.00 31	20.00 30	25.00 37
1973	5.00 23	5.60 22	5.80 15	6.10 11	6.50 8	9.80 10	12.00 11	13.00 11	14.00 6
1974	7.10 39	8.90 37	12.00 41	14.00 37	15.00 35	17.00 33	17.00 25	18.00 26	19.00 22
1975	6.00 29	6.70 27	8.60 29	9.70 22	10.00 18	11.00 11	11.00 10	12.00 8	14.00 7

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
39.6	28.9	23.0	21.8	22.7	26.3	74.8	185	224	166	135	57.2
1745	263	108	95.6	140	379	27080	36240	25090	15150	7307	2032
41.8	16.2	10.4	9.78	11.8	19.5	165	190	158	123	85.5	45.1
3.75	2.70	1.29	0.92	2.31	3.34	6.62	2.21	0.82	1.55	1.12	2.55
1.05	0.56	0.45	0.45	0.52	0.74	2.20	1.03	0.71	0.74	0.63	0.79
3.95	2.88	2.29	2.17	2.26	2.62	7.45	18.4	22.3	16.5	13.5	5.70

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.46	1.41	1.32	1.30	1.31	1.35	1.58	2.08	2.22	2.10	2.05	1.64
0.11	0.04	0.04	0.04	0.04	0.05	0.20	0.17	0.14	0.12	0.08	0.12
0.33	0.20	0.19	0.20	0.20	0.23	0.45	0.42	0.37	0.34	0.28	0.35
0.15	0.48	-0.10	-0.19	-0.01	0.92	0.73	-0.05	-0.57	-0.51	-0.20	-0.73
0.23	0.14	0.15	0.15	0.16	0.17	0.28	0.20	0.17	0.16	0.14	0.21
7.38	7.13	6.67	6.54	6.60	6.81	7.97	10.5	11.2	10.6	10.3	8.28

07124500 PURGATOIRE RIVER AT TRINIDAD, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
84.0	2138	46.2	1.45	0.55	0.155

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.86	0.05	0.23	-0.10	0.13	0.110

07125000 PURGATOIRE RIVER NEAR HOEHNE, COLO.

LOCATION.--Lat 37°14'54", long 104°24'11", in NE¼NW¼ sec.20, T.32 S., R.63 W., Las Animas County, on right bank 550 ft (170 m) downstream from bridge on county road, 510 ft (160 m) downstream from diversion dam for Hoehne ditch, 2.5 mi (4.0 km) southwest of Hoehne, and 8 mi (13 km) northeast of city hall in Trinidad.

DRAINAGE AREA.--857 mi² (2,220 km²).

REMARKS.--Flow partly regulated by off-stream reservoirs and a flood-control dam on unnamed creek in Pinon Canyon. Diversions above station for irrigation of about 10,500 acres (42.5 km²).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PURGATOIRE RIVER NEAR HOEHNE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1955	204					5	15	11	12	9	4	6	6	5	4	3	3	1	4	2	4	4	3	23	22	1	3	2	2	2	3		1	1	
1956	200					5	15	5	15	13	19	24	20	8	10	7	8	4	1	3	1	1	1	1	1	1	3								
1957	219					2	4	1	5	5	4	3	7	2	5	2	8	5	6	4	5	6	11	18	14	11	8	6	2	1	1				
1958	26					15	30	5	11	15	25	19	24	30	32	19	14	25	8	16	6	6	3	7	1	2	12	2	5	5	2				
1959	54					52	82	17	25	26	33	22	17	11	13	4	3	3	1	1		1													
1960	45					59	26	4	24	31	26	34	36	38	22	7	4	5	2		1	1					1								
1961	59					6	16	13	19	31	32	18	25	25	24	15	20	17	8	8	6	3	7	3	3	4	2		1						
1962	42					24	40	18	33	27	28	32	30	33	14	14	17	8	1	1			1	1							1				
1963	242					43	29	9	9	8	5	4	3	1	4	1				1		1	1			3					1				
1964	287					14	17	6	7	5	9	5	6	2	1		1	1		1						1	1				2				
1965	208						6	4	9	4	3	6	14	7	6	6	10	14	8	4	8	3	10	10	5	3	7	2	1	3	2		1	1	
1966	95					22	36	21	17	21	23	24	23	23	20	5	6	6	4	2	1		2	1	1	3	2	4	2	1					
1967	111	2	4	2	7	11	17	13	9	9	20	23	24	24	20	15	7	5	7	5	6	4	3	3	6	2	1	3	1		1				
1968					16	8	8	8	26	15	29	26	37	50	29	25	18	9	4	13	10	20	12		3										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1792	5114	100.0	12	2.0	272	1603	31.3	24	140	56	189	3.6
1	0.02	2	3322	65.0	13	2.9	259	1331	26.0	25	200	31	133	2.6
2	0.04	4	3320	64.9	14	4.1	204	1072	21.0	26	280	40	102	1.9
3	0.06	2	3316	64.8	15	5.9	123	868	17.0	27	400	19	62	1.2
4	0.08	23	3314	64.8	16	8.3	119	745	14.6	28	570	14	43	.8
5	0.10	266	3291	64.4	17	12.0	103	626	12.2	29	810	12	29	.5
6	0.20	341	3025	59.2	18	17.0	54	523	10.2	30	1200	13	17	.3
7	0.40	135	2684	52.5	19	24.0	61	469	9.2	31	1600		4	
8	0.50	221	2549	49.8	20	34.0	48	408	8.0	32	2300	2	4	
9	0.70	219	2328	45.5	21	48.0	50	360	7.0	33	3300	2	2	
10	1.00	260	2109	41.2	22	69.0	54	310	6.1	34				
11	1.40	246	1849	36.2	23	98.0	67	256	5.0					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PURGATOIRE RIVER NEAR HOEHNE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1955	19800.0	1	8140.0	1	4140.0	1	2160.0	1	1150.0	1	589.0	1	414.0	1	329.0	1	216.0	1
1956	368.0	11	216.0	11	94.0	12	73.0	11	38.0	12	26.0	12	21.0	11	16.0	11	11.0	11
1957	1500.0	5	742.0	7	426.0	7	354.0	4	276.0	4	233.0	3	191.0	4	154.0	4	102.0	4
1958	1420.0	6	970.0	3	862.0	3	640.0	3	487.0	2	267.0	2	204.0	2	157.0	3	106.0	3
1959	58.0	14	21.0	14	12.0	14	6.6	14	3.9	14	3.5	14	2.7	14	2.2	14	2.1	14
1960	285.0	12	96.0	13	42.0	13	20.0	13	11.0	13	7.5	13	5.5	13	5.1	13	4.5	13
1961	721.0	10	428.0	10	186.0	10	114.0	9	69.0	9	40.0	9	29.0	9	33.0	7	24.0	7
1962	1420.0	7	477.0	9	217.0	9	103.0	10	53.0	11	27.0	11	19.0	12	15.0	12	11.0	12
1963	1590.0	3	619.0	8	265.0	8	124.0	8	73.0	8	41.0	8	28.0	10	21.0	10	14.0	10
1964	1540.0	4	940.0	4	451.0	4	211.0	7	106.0	7	53.0	7	38.0	8	29.0	9	19.0	9
1965	3310.0	2	2350.0	2	1310.0	2	717.0	2	387.0	3	231.0	4	202.0	3	164.0	2	108.0	2
1966	1010.0	9	772.0	6	431.0	6	344.0	5	193.0	5	104.0	5	71.0	6	54.0	6	36.0	6
1967	1360.0	8	785.0	5	441.0	5	230.0	6	143.0	6	98.0	6	73.0	5	57.0	5	37.0	5
1968	162.0	13	138.0	12	95.0	11	63.0	12	60.0	10	38.0	10	40.0	7	31.0	8	21.0	8

07125000 PURGATOIRE RIVER NEAR HOEHNE, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PURGATOIRE RIVER NEAR HOEHNE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1956	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.29	8	0.37	7	1.20	7	1.30	7
1957	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	1	0.00	1	0.00	1	0.01	2
1958	0.00	3	0.00	3	0.00	3	0.00	3	0.08	11	0.40	9	2.00	12	2.60	11	3.10	13
1959	0.00	4	0.00	4	0.00	4	0.00	4	0.01	5	0.07	5	0.08	5	0.08	4	0.58	5
1960	0.00	5	0.00	5	0.19	13	0.20	12	0.28	12	0.59	10	1.10	10	1.40	8	1.60	9
1961	0.00	6	0.00	6	0.00	5	0.00	5	0.02	6	0.07	6	0.19	6	2.70	12	1.90	10
1962	0.00	7	0.03	13	0.16	12	0.23	13	0.83	13	1.10	13	1.70	11	2.00	10	3.00	12
1963	0.00	8	0.00	7	0.00	6	0.00	6	0.02	7	0.03	4	0.06	4	0.09	5	0.17	4
1964	0.00	9	0.00	8	0.00	7	0.00	7	0.00	3	0.00	2	0.02	3	0.03	3	0.06	3
1965	0.00	10	0.00	9	0.00	8	0.00	8	0.00	4	0.00	3	0.00	2	0.00	2	0.00	1
1966	0.00	11	0.00	10	0.00	9	0.00	9	0.06	10	0.80	11	1.00	9	1.10	6	1.40	8
1967	0.00	12	0.00	11	0.00	10	0.00	10	0.03	9	0.21	7	0.89	8	1.40	9	1.20	6
1968	0.00	13	0.00	12	0.00	11	0.00	11	0.02	8	0.88	12	2.10	13	3.10	13	2.80	11

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.30	1.12	1.82	1.94	1.87	2.45	5.73	110	78.1	44.6	53.1	8.14
31.5	2.24	3.52	5.43	4.49	18.3	206	81060	13740	2709	2866	267
5.61	1.50	1.88	2.33	2.12	4.28	14.3	285	117	52.1	53.5	16.3
3.51	1.29	0.56	1.61	1.32	2.15	3.42	3.17	1.68	2.23	0.97	3.23
2.44	1.34	1.03	1.20	1.14	1.75	2.51	2.59	1.50	1.17	1.01	2.01
0.74	0.36	0.59	0.62	0.60	0.79	1.84	35.4	25.1	14.3	17.1	2.62

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
-0.19	-0.38	-0.19	-0.03	-0.03	-0.29	-0.10	0.72	0.98	1.19	1.26	0.29
0.52	0.72	0.85	0.69	0.41	1.15	0.99	1.72	1.41	0.90	0.89	0.74
0.72	0.85	0.92	0.83	0.64	1.07	1.00	1.31	1.19	0.95	0.94	0.86
0.22	-0.58	-1.00	-2.18	-0.66	-0.78	-0.16	-0.30	-0.14	-1.53	-1.31	-0.19
-3.88	-2.25	-4.73	-28.4	-21.8	-3.69	-10.3	1.82	1.21	0.79	0.75	2.95
-5.75	-11.6	-5.99	-0.90	-0.90	-8.95	-2.97	22.2	30.2	36.7	38.9	8.97

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
26.2	920	30.3	1.78	1.16	-0.117

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.14	0.29	0.54	-0.12	0.47	-0.006

07125100 FRIJOLE CREEK NEAR ALFALFA, COLO.

LOCATION.--Lat 37°12'00", long 104°11'37", in SE¼NE¼ sec.3, T.33 S., R.61 W., Las Animas County, on right bank at downstream side of bridge on U.S. Highway 160, 1.9 mi (3.1 km) upstream from mouth, 3.4 mi (5.5 km) west of Alfalfa, and 16 mi (26 km) east of city limits of Trinidad.

DRAINAGE AREA.--80 mi² (207 km²).

REMARKS.--Minor diversions above station for irrigation.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FRIJOLE CREEK NEAR ALFALFA, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1958	204						29	20	15	5	8	10	11	16	14	11	6	5	3	1		3	1	2						1					
1959	113						42	49	22	11		48	31		14	1	10	11	10		1		1		1										
1960	280						17	11	2	7	5	3	2	6	6	3	2	4	4	4	3	2	3		2										
1961	113						42	39	9	11	8	11	23	30	19	16	14	7	13	5	1		1		2	1									
1962	269						19	13	3	18	4	16	2	8	8		1		1	1		1			1										
1963	275						10	3	3	6	5	14	11	8	9	3	3	1	5	1		3		1	1				1	2					
1964	221						32	16	8	18	19	5	5	5	9	3	7	5	6	2	1			1	1	1	1								
1965	259						6	3	1	3	2	12	3	7	5	6	5	6	7	4	5	6	5	4	2	2	1	5	2	1	2	1			
1966	280						8	3	4	4	4	18	2	4	4	4	5	6	5	2	1		1	1	2	1	1	4		1					
1967	232	9	6	3	3	6	7	4	8	6	7	8	14	10	9	5	4	3		3	1	4		3	3	1		1	3	1	1				
1968	144	2	3	3	32	34	45	6	5	6	7	11	9	14	11	6	7	7	5		2	2	3		1	1									

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FRIJOLE CREEK NEAR ALFALFA, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	2390	4018	100.0	12	1.2	113	703	17.5	24	69	16	52	1.2
1	0.01	11	1628	40.5	13	1.6	108	590	14.7	25	97	7	36	.8
2	0.02	9	1617	40.2	14	2.3	108	482	12.0	26	140	3	29	.7
3	0.03	6	1608	40.0	15	3.2	58	374	9.3	27	190	10	26	.6
4	0.05	35	1602	39.9	16	4.5	64	316	7.9	28	270	6	16	.3
5	0.07	40	1567	39.0	17	6.4	55	252	6.3	29	380	6	10	.2
6	0.10	257	1527	38.0	18	8.9	59	197	4.9	30	530	3	4	
7	0.20	167	1270	31.6	19	13.0	23	138	3.4	31	750	1	1	
8	0.30	80	1103	27.5	20	18.0	15	115	2.9	32				
9	0.40	95	1023	25.5	21	25.0	21	100	2.5	33				
10	0.60	69	928	23.1	22	35.0	15	79	2.0	34				
11	0.80	156	859	21.4	23	49.0	12	64	1.6					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FRIJOLE CREEK NEAR ALFALFA, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1958	386.0	5	139.0	5	60.0	5	28.0	5	15.0	6	11.0	5	8.0	5	6.8	5	4.6	5
1959	85.0	9	40.0	10	21.0	10	10.0	10	5.1	10	4.5	10	4.2	10	3.3	10	2.6	10
1960	72.0	10	52.0	8	37.0	8	23.0	6	13.0	7	7.2	7	4.9	8	3.7	9	3.1	9
1961	139.0	7	80.0	6	37.0	9	17.0	9	8.7	9	4.7	9	4.4	9	4.2	8	3.5	6
1962	71.0	11	32.0	11	19.0	11	9.0	11	4.7	11	2.5	11	1.8	11	1.6	11	1.1	11
1963	481.0	3	311.0	2	134.0	4	63.0	4	33.0	4	25.0	4	17.0	4	13.0	4	8.5	4
1964	159.0	6	80.0	7	44.0	6	21.0	8	11.0	8	5.8	8	5.8	7	4.7	7	3.3	7
1965	1440.0	1	869.0	1	437.0	1	280.0	1	154.0	1	90.0	1	72.0	1	55.0	1	36.0	1
1966	391.0	4	203.0	4	135.0	3	86.0	3	53.0	2	31.0	3	21.0	3	16.0	3	10.0	3
1967	629.0	2	307.0	3	198.0	2	94.0	2	53.0	3	42.0	2	32.0	2	26.0	2	17.0	2
1968	105.0	8	46.0	9	39.0	7	22.0	7	16.0	5	9.1	6	6.5	6	5.1	6	3.3	8

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FRIJOLE CREEK NEAR ALFALFA, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1958	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.05	6	0.15	5
1959	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.02	8	0.16	9	0.47	9
1960	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.01	5	0.02	4	0.07	4
1961	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.01	6	0.24	11	0.70	11
1962	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.01	7	0.01	3	0.04	2
1963	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.04	9	0.05	7	0.25	6
1964	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.07	10	0.09	8	0.39	7
1965	0.00	8	0.00	8	0.00	8	0.00	8	0.00	8	0.00	8	0.00	2	0.00	1	0.00	1
1966	0.00	9	0.00	9	0.00	9	0.00	9	0.00	9	0.00	9	0.00	3	0.00	2	0.48	10
1967	0.00	10	0.00	10	0.00	10	0.00	10	0.00	10	0.00	10	0.01	4	0.03	5	0.05	3
1968	0.00	11	0.00	11	0.00	11	0.00	11	0.00	11	0.05	11	0.07	11	0.21	10	0.40	8

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.31	0.18	0.09	0.11	0.38	1.34	0.92	1.84	18.4	8.25	14.9	5.08
6.29	0.12	0.02	0.03	0.43	13.8	4.03	4.42	1821	121	194	93.7
2.51	0.34	0.14	0.18	0.65	3.71	2.01	2.10	42.7	11.0	13.9	9.68
2.71	2.02	2.28	2.33	2.70	3.26	2.94	0.84	2.81	1.97	0.96	2.60
1.91	1.86	1.63	1.73	1.73	2.76	2.17	1.15	2.32	1.33	0.93	1.91
2.49	0.35	0.16	0.20	0.71	2.54	1.75	3.48	34.8	15.6	28.3	9.62

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.05	-0.58	-0.71	-0.51	-0.55	-0.21	0.01	-0.07	0.39	0.54	0.89	-0.04
0.17	0.43	0.48	0.36	0.34	0.53	0.13	0.51	0.79	0.45	0.44	0.95
0.41	0.66	0.69	0.60	0.58	0.73	0.36	0.72	0.89	0.67	0.66	0.97
0.17	-0.30	-0.32	-0.71	-0.32	-0.67	0.51	-0.90	0.73	-0.22	-1.31	-0.07
8.17	-1.12	-0.97	-1.18	-1.06	-3.46	31.7	-9.84	2.28	1.24	0.74	-26.2
-6.32	72.8	88.9	63.8	68.8	26.2	-1.40	9.07	-48.5	-67.0	-111	4.65

07125100 FRIJOLE CREEK NEAR ALFALFA, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
4.41	25.4	5.04	2.29	1.14	-0.000

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.45	0.17	0.42	0.40	0.92	0.057

07125500 SAN FRANCISCO CREEK NEAR ALFALFA, COLO.

LOCATION.--Lat 37°11'10", long 104°07'50", in SW¼NE¼ sec.8, T.33 S., R.60 W., Las Animas County, on downstream side of right abutment of bridge on U.S. Highway 160, 0.7 mi (1.1 km) upstream from mouth, 1.1 mi (1.8 km) south of Alfalfa, and 20 mi (32 km) east of Trinidad.

DRAINAGE AREA.--160 mi² (414 km²).

REMARKS.--Diversions above station for irrigation of about 500 acres (2.02 km²).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SAN FRANCISCO CREEK NEAR ALFALFA, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1955	68							155	13	5	28	10	16	5	8	8	6	2	3	8	3	7	3	4	1	6	1	3					1	1	
1956	84							104	47	22	48	28	12	5	2		1	2	2		1	3	1	2	1		1								
1957	129							103	7	5	49	14	10	8	5	1	2	4	1	6	6	4	6	2	2						1				
1958	38							32	54	12	52	43	25	31	26	7	11	5	5	1	4	4	1	2	6	5		1							
1959	84							38	5	35	7	50	45	15	30	14	8	14	5	6		3	1	1	2		2								
1960	105							64	11	1	12	26	27	13	30	10	10	3	6	5	6	7	10	19	1										
1961	27							17	5	3	14	44	62	46	43	25	17	18	13	12	4	5	3	2	4	1									
1962	65							96	20	17	45	88	9	4	3	1	1	2	2	3		3	2	2	1			1							
1963	252							63	8	2	5	3	3	3		2	2	2	3		2	3	1	6	2	1	1			1					
1964	189							85	14	3	9	8	5	5	9	3	1	3	3	6	11	8				1		2	1						
1965	254							6	2	4	7	5	17	10	8	2	4		7	10	6	3	4	2	5	3	2				3		1		
1966	44							83	27	64	60	26	30	4	5	1		5	1	2	1	1	3	4	1			1	1	1					
1967	30	3	36		92	33		66	19	17	15	14	7	6		4	4	2	4	1	2	1	4	2	2	1									
1968	15		63	6	68	20		15	34	40	29	19	12	9	10	4	5	5	3	2	4		1	1	1										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1384	5114	100.0	12	0.9	280	1228	24.0	24	88	29	73	1.4
1	0.01	3	3730	72.9	13	1.4	164	948	18.5	25	130	18	44	.8
2	0.02	99	3727	72.9	14	2.0	179	784	15.3	26	190	7	26	.5
3	0.03	6	3628	70.9	15	2.9	82	605	11.8	27	270	8	19	.3
4	0.04	160	3622	70.8	16	4.2	72	523	10.2	28	400	2	11	.2
5	0.06	53	3462	67.7	17	6.2	67	451	8.8	29	580	2	9	.1
6	0.09	0	3409	66.7	18	9.0	58	384	7.5	30	850	4	7	.1
7	0.10	927	3409	66.7	19	13.0	62	326	6.4	31	1200		3	
8	0.20	266	2482	48.5	20	19.0	50	264	5.2	32	1800	2	3	
9	0.30	230	2216	43.3	21	28.0	52	214	4.2	33	2700	1	1	
10	0.40	380	1986	38.8	22	41.0	40	162	3.2	34				
11	0.60	378	1606	31.4	23	60.0	49	122	2.4					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SAN FRANCISCO CREEK NEAR ALFALFA, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1955	8790.0	1	3930.0	1	1830.0	1	865.0	1	434.0	1	219.0	1	155.0	1	121.0	1	80.0	1
1956	265.0	9	109.0	10	47.0	11	30.0	11	19.0	11	12.0	13	8.2	13	6.5	13	4.3	13
1957	1050.0	3	369.0	3	163.0	3	81.0	3	50.0	5	30.0	6	22.0	6	18.0	5	12.0	6
1958	379.0	7	144.0	7	128.0	6	69.0	5	36.0	8	24.0	7	17.0	7	15.0	7	13.0	4
1959	259.0	10	142.0	8	69.0	9	36.0	10	24.0	9	17.0	9	14.0	9	11.0	9	7.7	10
1960	90.0	14	80.0	11	78.0	8	66.0	6	59.0	3	37.0	3	26.0	3	20.0	3	14.0	3
1961	134.0	12	71.0	12	38.0	13	22.0	13	19.0	12	14.0	10	10.0	10	10.0	10	8.1	9
1962	292.0	8	119.0	9	64.0	10	37.0	9	21.0	10	13.0	11	9.6	12	7.3	12	4.8	12
1963	795.0	4	326.0	4	140.0	5	66.0	7	53.0	4	32.0	5	22.0	4	18.0	4	12.0	5
1964	455.0	6	264.0	5	163.0	4	76.0	4	39.0	6	20.0	8	17.0	8	15.0	8	11.0	7
1965	2200.0	2	1430.0	2	657.0	2	382.0	2	204.0	2	109.0	2	81.0	2	61.0	2	41.0	2
1966	603.0	5	205.0	6	88.0	7	54.0	8	37.0	7	34.0	4	22.0	5	17.0	6	11.0	8
1967	139.0	11	60.0	13	44.0	12	25.0	12	17.0	13	12.0	12	10.0	11	7.7	11	5.1	11
1968	110.0	13	40.0	14	19.0	14	9.7	14	8.6	14	5.4	14	4.5	14	4.1	14	3.0	14

07125500 SAN FRANCISCO CREEK NEAR ALFALFA, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SAN FRANCISCO CREEK NEAR ALFALFA, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1956	0.00	1	0.00	1	0.00	1	0.00	1	0.07	11	0.08	10	0.09	9	0.17	9	0.32	8
1957	0.00	2	0.00	2	0.00	2	0.00	2	0.00	1	0.03	6	0.04	4	0.04	2	0.05	2
1958	0.00	3	0.00	3	0.00	3	0.00	3	0.00	2	0.08	11	0.25	10	0.38	10	0.51	11
1959	0.00	4	0.00	4	0.00	4	0.00	4	0.02	9	0.04	9	0.07	7	0.13	8	0.45	10
1960	0.00	5	0.00	5	0.00	5	0.00	5	0.02	10	0.03	7	0.05	5	0.05	5	0.08	3
1961	0.00	6	0.00	6	0.00	6	0.00	6	0.21	13	0.81	13	2.00	13	2.10	13	3.10	13
1962	0.00	7	0.00	7	0.00	7	0.05	13	0.08	12	0.25	12	0.34	12	0.39	11	0.43	9
1963	0.00	8	0.00	8	0.00	8	0.00	7	0.00	3	0.00	1	0.00	1	0.04	3	0.10	5
1964	0.00	9	0.00	9	0.00	9	0.00	8	0.00	4	0.00	2	0.02	3	0.04	4	0.09	4
1965	0.00	10	0.00	10	0.00	10	0.00	9	0.00	5	0.00	3	0.00	2	0.00	1	0.00	1
1966	0.00	11	0.00	11	0.00	11	0.00	10	0.00	6	0.00	4	0.33	11	0.44	12	0.80	12
1967	0.00	12	0.00	12	0.00	12	0.00	11	0.01	8	0.04	8	0.05	6	0.06	6	0.11	6
1968	0.00	13	0.00	13	0.00	13	0.00	12	0.00	7	0.03	5	0.08	8	0.10	7	0.21	7

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.03	0.25	0.20	0.52	0.66	4.04	9.08	34.7	20.1	8.86	15.5	5.18
5.88	0.16	0.07	1.11	0.48	100	149	12300	2632	34.4	216	112
2.43	0.40	0.27	1.05	0.69	10.0	12.2	111	51.3	5.87	14.7	10.6
3.30	2.27	2.23	3.48	0.92	3.44	1.50	3.72	3.53	0.64	0.41	2.46
2.36	1.60	1.32	2.02	1.04	2.48	1.34	3.20	2.55	0.66	0.95	2.05
1.03	0.25	0.20	0.52	0.66	4.03	9.06	34.7	20.1	8.85	15.5	5.17

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
-0.64	-0.79	-0.73	-0.49	-0.31	-0.22	0.34	0.51	0.55	0.82	0.76	-0.33
0.60	0.44	0.28	0.29	0.30	0.73	0.94	0.82	0.72	0.16	0.70	1.34
0.78	0.66	0.53	0.53	0.55	0.85	0.97	0.91	0.85	0.41	0.84	1.16
0.69	-0.01	0.01	0.25	-1.14	0.70	-0.46	0.44	0.04	-1.13	-0.74	0.16
-1.22	-0.84	-0.73	-1.08	-1.78	-3.95	2.84	1.76	1.54	0.50	1.10	-3.51
120	150	138	92.7	58.2	40.6	-64.3	-96.8	-103	-154	-142	62.0

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
8.40	106	10.3	2.73	1.23	-0.199

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.75	0.14	0.37	0.95	0.49	-0.136

07126000 PURGATOIRE RIVER NEAR ALFALFA, COLO.

LOCATION.--Lat 37°11'18", long 104°07'56", in NE¼NW¼ sec.9, T.33 S., R.60 W., Las Animas County, on right bank 700 ft (210 m) downstream from San Francisco Creek, 1.3 mi (2.1 km) southeast of Alfalfa, and 20 mi (32 km) east of Trinidad.

DRAINAGE AREA.--1,320 mi² (3,419 km²).

REMARKS.--Diversions above station for irrigation of about 29,000 acres (117 km²).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PURGATOIRE RIVER NEAR ALFALFA, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1906							9	2	6		17	9	67	49	25	22	42	42	11	16	23	4	7	4		3	2	2	2		1				
1907	25					2	2		14		37	1	83	33	13	8	29	10	19	9	12	21	17	12	11	2	1		3		1				
1925	34						35		10		8	1	9	116	75	20	16	11	5	5	2	2	4	3	2	2	3	1			1				
1926													4	14	133	21	44	41	14	16	15	17	12	26	7	1									
1927	4						36		18		16	4	18	12	61	80	52	15	4	6	5	5	8	6	5	4	2		1	1	2				
1928													11	10	125	75	40	14	20	15	8	10	9	16	6	2	3	1		1					
1952				1	1	11	7	1	6	19	50	11	37	115	42	17	10	7	7	3	2	6	4	6	1	1	1								
1953						7	4	10	19	23	24	21	27	26	102	50	14	6	6	5	3	4	2	3	2	2	2	3							
1954		2	5	6	4	11	42	36	13	6	38	25	62	48	16	36	5	4	1		1			1		1				1		1			
1955						4			29	30	19	94	6	51	3	17	33	1	1	1	30	32		3	2	1	1	2	1	1		2		1	

07126000 PURGATOIRE RIVER NEAR ALFALFA, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PURGATOIRE RIVER NEAR ALFALFA, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1956	1	3	2	3	10	9	10	12	6	5	16	31	47	68	80	21	12	3	2	3	4	5	3	3	3	2	1		1						
1957	3	3		2	3	3	21	8	16	23	55	38	23	10	14	7	16	17	11	11	12	18	15	14	14	2	2	2	1		1				
1958														11	43	82	72	31	29	17	21	33	7	6	6	2	3	1	1						
1959						1	6	3	2	3	9	18	29	18	75	74	79	22	11	7	2	3	1		2										
1960						10	11	5	7	8	5	20	47	52	83	47	8	23	8	12	12	2	4	2											
1961										3	7	4	14	9	70	61	46	64	23	18	18	11	9	4		3		1							
1962												18	20	15	27	54	145	61	9	6	5	1	1	1	1		1								
1963	9	1	8	1	4	9	17	24	6	15	5	6	26	23	84	98	5	4	5	3	1	5	1	1	1	1			2						
1964		3	21	11	7	21	18	9	10	3	20	11	61	85	37	17	8	9	7	1	1	1	1	1	1	1	1								
1965						2	10	10	18	12	35	31	48	60	15	11	14	7	15	15	8	8	10	4	8	5	7	4	5		1	1		1	
1966										4	27	20	38	25	94	62	42	9	6	7	7	3	7	2	4	1	3	3	1						
1967							1	6	5	18	18	19	38	64	79	34	14	14	10	2	10	9	3	3	5	4	4	2	2	1					
1968											7	11	19	38	94	76	52	11	14	14	7	8	5	4	3		3								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	76	8401	100.0	12	6.0	734	6616	78.8	24	360	84	224	2.6
1	0.10	12	8325	99.1	13	8.4	952	5882	70.0	25	500	40	140	1.6
2	0.20	36	8313	99.0	14	12.0	1390	4930	58.7	26	700	40	100	1.1
3	0.30	24	8277	98.5	15	17.0	990	3540	42.1	27	990	22	60	.7
4	0.40	29	8253	98.2	16	23.0	798	2550	30.4	28	1400	20	38	.4
5	0.50	90	8224	97.9	17	33.0	426	1752	20.9	29	2000	5	18	.2
6	0.80	229	8134	96.8	18	46.0	238	1326	15.8	30	2700	7	13	.1
7	1.10	126	7905	94.1	19	65.0	192	1088	13.0	31	3900	4	6	
8	1.50	185	7779	92.6	20	91.0	209	896	10.7	32	5400		2	
9	2.10	172	7594	90.4	21	130.0	208	687	8.2	33	7600	2	2	
10	3.00	413	7422	88.3	22	180.0	130	479	5.7	34				
11	4.20	393	7009	83.4	23	250.0	125	349	4.2					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PURGATOIRE RIVER NEAR ALFALFA, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1906	2940.0	6	1250.0	11	745.0	10	625.0	6	445.0	5	280.0	7	207.0	7	165.0	10	113.0	10
1907	2900.0	7	1290.0	9	864.0	8	666.0	4	437.0	6	296.0	5	269.0	4	232.0	3	157.0	4
1925	3600.0	5	1830.0	4	1070.0	4	631.0	5	368.0	8	216.0	11	148.0	12	111.0	12	74.0	12
1926	601.0	21	414.0	18	348.0	15	310.0	13	263.0	13	231.0	9	202.0	8	170.0	8	123.0	8
1927	3780.0	4	1770.0	5	1030.0	5	837.0	3	627.0	3	376.0	3	263.0	5	200.0	5	133.0	5
1928	2520.0	9	1580.0	6	981.0	6	606.0	7	464.0	4	281.0	6	202.0	9	173.0	7	127.0	6
1952	896.0	17	380.0	20	286.0	18	203.0	17	120.0	19	73.0	19	56.0	19	59.0	19	42.0	18
1953	1190.0	16	763.0	14	335.0	17	201.0	18	141.0	18	124.0	15	109.0	13	88.0	14	59.0	15
1954	5280.0	3	2620.0	3	1140.0	3	543.0	9	282.0	12	149.0	13	101.0	15	79.0	16	53.0	16
1955	29000.0	1	12500.0	1	6270.0	1	3140.0	1	1630.0	1	851.0	1	602.0	1	477.0	1	316.0	1
1956	1440.0	12	589.0	17	283.0	19	189.0	19	152.0	17	106.0	18	95.0	17	73.0	17	50.0	17
1957	2850.0	8	1480.0	7	752.0	9	587.0	8	410.0	7	327.0	4	286.0	3	232.0	4	159.0	3
1958	1410.0	13	936.0	13	515.0	13	363.0	12	294.0	11	215.0	12	183.0	10	166.0	9	126.0	7
1959	389.0	22	188.0	23	99.0	23	70.0	23	47.0	23	46.0	22	40.0	22	37.0	22	32.0	22
1960	262.0	23	237.0	22	177.0	22	112.0	22	96.0	21	69.0	20	53.0	21	44.0	21	34.0	21
1961	1340.0	15	661.0	15	347.0	16	221.0	16	172.0	15	121.0	16	99.0	16	84.0	15	73.0	13
1962	706.0	19	305.0	21	210.0	21	125.0	21	99.0	20	68.0	21	54.0	20	47.0	20	39.0	19
1963	1940.0	11	1260.0	10	558.0	12	267.0	15	167.0	16	109.0	17	76.0	18	59.0	18	39.0	20
1964	705.0	20	403.0	19	266.0	20	126.0	20	64.0	22	35.0	23	33.0	23	28.0	23	24.0	23
1965	7620.0	2	5280.0	2	2950.0	2	1740.0	2	1020.0	2	631.0	2	515.0	2	408.0	2	271.0	2
1966	1410.0	14	1120.0	12	736.0	11	535.0	10	352.0	9	229.0	10	159.0	11	122.0	11	82.0	11
1967	2230.0	10	1440.0	8	967.0	7	493.0	11	319.0	10	269.0	8	215.0	6	178.0	6	119.0	9
1968	776.0	18	636.0	16	403.0	14	286.0	14	211.0	14	125.0	14	108.0	14	89.0	13	63.0	14

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PURGATOIRE RIVER NEAR ALFALFA, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1906	0.00	1	0.33	8	0.72	11	1.40	12	6.90	17	11.00	15	16.00	18	18.00	19	18.00	17
1907	0.00	2	0.00	1	0.00	1	1.30	10	2.00	9	3.00	6	4.00	5	5.00	3	8.90	5
1925	4.00	19	4.30	19	6.10	19	9.00	20	9.00	18	9.00	12	9.30	11	10.00	7	11.00	7
1926	0.00	3	0.00	2	0.00	2	0.07	1	0.40	1	2.10	3	2.50	2	16.00	16	20.00	20
1927	2.00	17	4.70	20	7.10	20	10.00	21	11.00	19	12.00	17	13.00	15	14.00	13	17.00	14
1928	0.00	4	0.00	3	0.57	7	0.79	8	1.00	5	3.70	8	6.10	8	17.00	17	19.00	18
1953	0.31	9	0.47	9	0.57	8	0.66	6	1.90	8	4.70	9	14.00	16	16.00	14	15.00	13
1954	0.71	11	0.70	11	0.70	10	0.76	7	1.30	7	3.50	7	5.30	7	5.70	6	7.30	4
1955	0.11	8	0.17	7	0.22	6	0.59	5	1.00	6	2.40	5	4.50	6	5.10	4	5.90	3

07126000 PURGATOIRE RIVER NEAR ALFALFA, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PURGATOIRE RIVER NEAR ALFALFA, CO.

YEAR	1	3	7	14	30	60	90	120	183
1956	1.50 14	1.50 14	1.50 14	2.90 15	4.30 14	11.00 16	10.00 12	12.00 10	12.00 8
1957	0.00 5	0.00 4	0.13 4	0.36 4	0.70 4	1.20 2	2.00 1	2.30 1	3.10 1
1958	1.80 16	1.90 16	2.40 16	3.80 17	13.00 21	21.00 21	21.00 21	23.00 21	25.00 21
1959	6.00 21	7.50 21	7.90 21	8.80 19	11.00 20	15.00 18	17.00 19	16.00 15	19.00 19
1960	0.71 12	0.77 12	0.83 12	1.30 9	3.10 12	6.10 11	9.10 10	11.00 8	12.00 9
1961	0.51 10	0.50 10	0.67 9	1.40 11	4.90 15	9.10 13	11.00 13	12.00 9	14.00 12
1962	8.00 22	8.70 22	11.00 22	11.00 22	18.00 22	24.00 22	26.00 22	25.00 22	27.00 22
1963	4.20 20	4.20 18	4.30 18	4.40 18	5.80 16	9.10 14	11.00 14	13.00 11	13.00 11
1964	0.00 6	0.00 5	0.00 3	0.30 3	0.67 3	1.10 1	3.20 4	5.40 5	10.00 6
1965	0.11 7	0.14 6	0.20 5	0.23 2	0.64 2	2.20 4	3.00 3	3.70 2	5.20 2
1966	1.50 15	1.50 15	1.60 15	2.00 14	2.90 11	15.00 19	17.00 20	18.00 20	18.00 15
1967	2.40 18	2.40 17	2.80 17	3.60 16	4.30 13	5.40 10	8.00 9	13.00 12	12.00 10
1968	1.00 13	1.30 13	1.30 13	1.90 13	2.50 10	15.00 20	15.00 17	17.00 18	18.00 16

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
16.4	14.9	14.8	14.4	15.8	17.3	29.3	130	140	133	126	30.8
187	66.2	43.4	52.9	56.0	331	2063	97910	41280	13100	12530	990
13.7	8.13	6.59	7.27	7.48	18.2	45.4	313	203	114	112	31.5
2.26	1.02	0.21	0.66	0.16	2.99	3.11	4.33	2.68	0.96	1.60	2.19
0.83	0.55	0.44	0.50	0.47	1.05	1.55	2.41	1.45	0.86	0.89	1.02
2.41	2.18	2.18	2.12	2.32	2.54	4.29	19.1	20.5	19.5	18.4	4.52

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.06	1.10	1.12	1.10	1.14	1.09	1.12	1.53	1.68	1.84	1.91	1.27
0.19	0.07	0.05	0.05	0.06	0.13	0.32	0.57	0.62	0.45	0.21	0.23
0.44	0.27	0.23	0.23	0.24	0.36	0.56	0.76	0.78	0.67	0.46	0.48
-1.22	-0.91	-1.02	-0.40	-0.76	0.18	0.19	-0.14	-0.65	-1.48	-0.71	-0.40
0.41	0.25	0.21	0.21	0.21	0.33	0.50	0.49	0.47	0.37	0.24	0.38
6.64	6.91	7.01	6.91	7.15	6.81	7.02	9.56	10.5	11.5	12.0	7.97

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
57.2	1321	36.3	1.50	0.64	-0.212

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.68	0.07	0.26	0.17	0.15	-0.107

07126100 LUNING ARROYO NEAR MODEL, COLO.

LOCATION.--Lat 37°18'16", long 104°00'54", in NW¼NE¼ sec.33, T.31 S., R.59 W., Las Animas County, on right bank 600 ft (180 m) downstream from ford, 7.5 mi (12.1 km) upstream from mouth, 13.5 mi (21.7 km) east of Model, and 29 mi (47 km) northeast of Trinidad.

DRAINAGE AREA.--86 mi² (223 km²).

REMARKS.--No diversions.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LUNING ARROYO NEAR MODEL, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1967	34	1	1		6		10	105	86	52	23	13	6	1	3	2	5	3	1	1	1	1		3	1			1	4	1					
1968	46			1	7		7	52	65	61	21	73	8	3	6	1	3		1	1		1		2	1		1	1			3	1			
1969	43		2		3		7	82	109	31	27	12	15	6	10	2	4	2	1			1	3	1	1	1		1		1					
1970	99			10	15	20	153		28	14	10	3	1		3	2		1	1		1		2	2											
1971	334	1		1			1	6	2	2	1	2	1	1		2		5	1	1		2		1		1									
1972	321	2	2	2	2	2	1	7	3	3	1	1	2	1	2	1	2	1	2	1		1	1		2	2				1					
1973	318		1	1	3		2	10	9	6	7	3	1	2		2																			
1974	360				1						2	1						1																	
1975	344					2		1		1			1	2	1	1	1		3		2	1	1	3				1							

07126100 LUNING ARROYO NEAR MODEL, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LUNING ARROYO NEAR MODEL, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1899	3287	100.0	12	0.7	35	186	5.7	24	25	5	25	.7
1	0.01	4	1388	42.2	13	0.9	16	151	4.6	25	34	4	20	.6
2	0.02	6	1384	42.1	14	1.2	25	135	4.1	26	46	1	16	.4
3	0.03	5	1378	41.9	15	1.7	13	110	3.3	27	62	4	15	.4
4	0.04	32	1373	41.8	16	2.2	15	97	3.0	28	84	4	11	.3
5	0.06	19	1341	40.8	17	3.0	13	82	2.5	29	110	3	7	.2
6	0.08	48	1322	40.2	18	4.1	10	69	2.1	30	150	3	4	.1
7	0.10	416	1274	38.8	19	5.6	4	59	1.8	31	210	1	1	
8	0.20	302	858	26.1	20	7.5	4	55	1.7	32				
9	0.30	170	556	16.9	21	10.0	7	51	1.6	33				
10	0.40	92	386	11.7	22	14.0	7	44	1.3	34				
11	0.50	108	294	8.9	23	19.0	12	37	1.1					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LUNING ARROYO NEAR MODEL, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1967	118.0	2	70.0	2	30.0	2	14.0	3	11.0	2	7.7	2	6.6	2	6.1	2	4.1	2
1968	767.0	1	267.0	1	140.0	1	92.0	1	46.0	1	25.0	1	17.0	1	13.0	1	8.7	1
1969	111.0	3	65.0	3	29.0	3	14.0	2	7.6	3	4.9	3	3.5	3	2.8	3	2.2	3
1970	24.0	7	16.0	6	12.0	6	5.9	6	2.9	6	1.5	7	1.2	6	0.9	6	0.6	6
1971	35.0	6	16.0	7	7.3	7	5.2	7	2.8	7	1.6	6	1.0	7	0.9	7	0.6	7
1972	110.0	4	41.0	4	18.0	4	10.0	4	5.1	5	2.8	4	1.8	5	1.4	5	0.9	5
1973	2.1	9	0.9	9	0.7	8	0.5	8	0.3	8	0.2	8	0.1	8	0.1	8	0.1	8
1974	3.1	8	1.2	8	0.5	9	0.2	9	0.1	9	0.1	9	0.1	9	0.0	9	0.0	9
1975	65.0	5	31.0	5	15.0	5	8.9	5	5.3	4	2.7	5	2.2	4	1.7	4	1.1	4

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LUNING ARROYO NEAR MODEL, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1968	0.00	1	0.00	1	0.00	1	0.00	1	0.09	8	0.29	8	0.34	8	0.37	8	0.43	7
1969	0.00	2	0.00	2	0.00	2	0.00	2	0.07	7	0.12	7	0.16	7	0.18	7	0.19	6
1970	0.00	3	0.00	3	0.00	3	0.00	3	0.00	1	0.10	6	0.11	6	0.17	6	0.16	5
1971	0.00	4	0.00	4	0.00	4	0.00	4	0.00	2	0.00	1	0.00	1	0.00	1	0.02	4
1972	0.00	5	0.00	5	0.00	5	0.00	5	0.00	3	0.00	2	0.01	5	0.01	5	0.59	8
1973	0.00	6	0.00	6	0.00	6	0.00	6	0.00	4	0.00	3	0.00	2	0.00	2	0.00	1
1974	0.00	7	0.00	7	0.00	7	0.00	7	0.00	5	0.00	4	0.00	3	0.00	3	0.00	2
1975	0.00	8	0.00	8	0.00	8	0.00	8	0.00	6	0.00	5	0.00	4	0.00	4	0.00	3

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.67	0.15	0.14	0.12	0.09	0.11	0.17	0.87	2.20	2.47	5.45	0.91
2.55	0.04	0.03	0.03	0.01	0.02	0.04	2.25	9.37	15.2	121	2.39
1.60	0.20	0.18	0.16	0.12	0.13	0.21	1.50	3.06	3.90	11.0	1.55
2.94	1.33	0.81	1.05	1.13	0.99	1.31	1.92	1.01	2.29	2.66	2.06
2.37	1.33	1.27	1.33	1.35	1.21	1.24	1.71	1.39	1.58	2.02	1.69
5.05	1.11	1.08	0.92	0.66	0.79	1.28	6.55	16.5	18.5	40.8	6.83

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
-0.31	-0.63	-0.53	-0.46	-0.60	-0.44	-0.32	-0.30	-0.02	0.05	-0.14	-0.31
0.29	0.50	0.79	0.33	0.64	0.22	0.12	0.37	0.66	0.35	1.50	0.97
0.54	0.71	0.89	0.57	0.80	0.46	0.35	0.61	0.81	0.59	1.22	0.99
0.59	-1.19	-2.50	-1.29	-1.76	-0.44	-0.47	0.22	-0.89	0.37	-0.54	-2.30
-1.71	-1.14	-1.66	-1.24	-1.33	-1.06	-1.10	-2.00	-53.7	11.2	-8.81	-3.17
7.85	15.6	13.3	11.5	15.0	10.9	7.97	7.55	0.38	-1.32	3.46	7.75

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.12	2.10	1.45	1.99	1.29	0.421

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
-0.38	0.64	0.80	-0.88	-2.13	0.435

07126200 VAN BREMER ARROYO NEAR MODEL, COLO.

LOCATION.--Lat 37°20'45", long 103°57'27", in SE¼NE¼ sec.13, T.31 S., R.59 W., Las Animas County, on right bank 3.3 mi (5.3 km) upstream from mouth, 16 mi (26 km) east of Model, and 33 mi (53 km) northeast of Trinidad.

DRAINAGE AREA.--168 mi² (435 km²).

REMARKS.--No diversions.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
VAN BREMER ARROYO NEAR MODEL, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1967						3	7239	65	2	8	1	5	1		4	4	5	4	2	1	1	2	2	4		1	2		1		1				
1968	7	5	4	8	7	23	15173	79	15	3	3	3	1	5	2	1	3			1	2	3		3											
1969					4	12	8217	63	8	15	16	1	3	1	5		1	1		2		1	1	2	2					1		1			
1970						13	9112	171	31	5	3	1	6	3	2	3	2		1			1			1	1									
1971		2		2	3	33	2173	97	12	8	6	1	2	3	2	3	1	1	1	1		1	3	1	2	4					1				
1972						34	151	128	12	6	4	3	4	5	1	3	2	1	3	1		2	2	1		2			1						
1973					1	22	73	140	54	27	23	8	6	3	3		1					1	1		1					1					
1974					3	29	145	149	18	12	6	1	2																						
1975				31		22	30248	17	3	2	1	2			3	2	1								1			1	1						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	7	3287	100.0	12	0.8	25	204	6.2	24	36	12	37	1.1
1	0.01	7	3280	99.8	13	1.1	25	179	5.4	25	49	6	25	.7
2	0.02	4	3273	99.6	14	1.5	20	154	4.7	26	67	8	19	.5
3	0.03	41	3269	99.5	15	2.1	22	134	4.1	27	92	3	11	.3
4	0.04	18	3228	98.2	16	2.9	16	112	3.4	28	130	2	8	.2
5	0.06	191	3210	97.7	17	3.9	16	96	2.9	29	170	3	6	.1
6	0.09	71	3019	91.8	18	5.4	7	80	2.4	30	240	1	3	
7	0.10	1531	2948	89.7	19	7.4	7	73	2.2	31	320	2	2	
8	0.20	909	1417	43.1	20	10.0	6	66	2.0	32				
9	0.30	155	508	15.5	21	14.0	3	60	1.8	33				
10	0.40	86	353	10.7	22	19.0	11	57	1.7	34				
11	0.60	63	267	8.1	23	26.0	9	46	1.4					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
VAN BREMER ARROYO NEAR MODEL, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1967	794.0	1	289.0	1	130.0	1	63.0	1	45.0	1	28.0	1	19.0	1	14.0	1	9.3	1
1968	41.0	8	29.0	8	21.0	7	13.0	6	8.1	7	4.3	7	2.9	7	2.2	7	1.5	7
1969	324.0	2	196.0	2	87.0	2	41.0	2	24.0	2	14.0	3	9.6	3	7.2	3	4.8	3
1970	74.0	7	35.0	7	16.0	8	7.9	8	4.2	8	2.4	8	2.4	8	1.9	8	1.3	8
1971	270.0	3	114.0	3	51.0	3	36.0	3	19.0	3	15.0	2	10.0	2	7.5	2	5.0	2
1972	164.0	5	56.0	5	25.0	5	21.0	4	11.0	4	8.2	4	5.6	4	4.2	4	3.0	4
1973	232.0	4	89.0	4	38.0	4	18.0	5	9.3	6	5.8	5	4.1	5	3.1	5	2.2	5
1974	1.4	9	0.9	9	0.7	9	0.4	9	0.3	9	0.3	9	0.3	9	0.3	9	0.2	9
1975	158.0	6	54.0	6	23.0	6	11.0	7	11.0	5	5.5	6	3.7	6	2.8	6	1.9	6

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
VAN BREMER ARROYO NEAR MODEL, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1968	0.08	8	0.08	8	0.09	8	0.11	8	0.12	8	0.15	6	0.17	5	0.18	5	0.18	3
1969	0.00	1	0.00	1	0.00	1	0.01	1	0.02	1	0.14	4	0.17	6	0.17	3	0.18	4
1970	0.04	5	0.04	3	0.05	2	0.07	6	0.09	4	0.10	1	0.12	1	0.12	1	0.16	2
1971	0.06	6	0.06	6	0.07	7	0.07	7	0.09	5	0.16	7	0.18	7	0.21	7	0.24	7
1972	0.01	2	0.03	2	0.05	3	0.06	2	0.06	2	0.12	3	0.13	3	0.17	4	0.20	5
1973	0.06	7	0.06	7	0.06	4	0.06	3	0.09	3	0.16	8	0.22	8	0.24	8	0.27	8
1974	0.04	3	0.05	4	0.06	5	0.06	4	0.10	6	0.15	5	0.16	4	0.19	6	0.21	6
1975	0.04	4	0.05	5	0.06	6	0.06	5	0.10	7	0.11	2	0.12	2	0.13	2	0.14	1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.20	0.21	0.18	0.22	0.23	0.22	0.29	4.40	4.02	5.59	3.18	1.87
0.01	0.01	0.00	0.01	0.00	0.01	0.04	92.7	61.0	15.3	32.8	10.3
0.09	0.07	0.04	0.09	0.06	0.08	0.19	9.63	7.81	3.91	5.73	3.20
0.94	0.74	0.96	2.16	0.45	2.07	1.94	2.71	1.78	-0.12	2.54	2.40
0.44	0.34	0.21	0.40	0.26	0.35	0.68	2.19	1.94	0.70	1.80	1.71
0.99	1.02	0.87	1.06	1.10	1.06	1.39	21.3	19.5	27.1	15.4	9.09

07126200 VAN BREMER ARROYO NEAR MODEL, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
-0.72	-0.70	-0.75	-0.68	-0.66	-0.68	-0.61	-0.15	-0.44	0.46	-0.08	-0.26
0.03	0.02	0.01	0.02	0.01	0.02	0.05	0.68	1.01	0.56	0.59	0.52
0.18	0.14	0.09	0.14	0.11	0.13	0.23	0.82	1.00	0.75	0.77	0.72
0.53	0.17	0.50	1.46	0.05	1.38	1.40	1.23	1.19	-1.50	0.60	0.78
-0.25	-0.21	-0.12	-0.21	-0.17	-0.19	-0.38	-5.43	-2.28	1.65	-9.24	-2.72
13.7	13.2	14.3	12.9	12.4	12.9	11.5	2.86	8.33	-8.62	1.57	5.00

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.73	1.89	1.37	1.39	0.79	-0.334

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.10	0.16	0.40	-0.76	3.85	-0.155

07126300 PURGATOIRE RIVER NEAR THATCHER, COLO.

LOCATION.--Lat 37°21'30", long 103°53'44", in SW¼ sec.10, T.31 S., R.58 W., Las Animas County, 250 ft (76 m) downstream from county road bridge at gas line crossing, 1.3 mi (2.1 km) downstream from Van Bremer Arroyo, and 18 mi (29 km) southeast of Thatcher.

DRAINAGE AREA.--1,935 mi² (5,012 km²).

REMARKS.--Diversions above station for irrigation of about 30,000 acres (121 km²).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PURGATOIRE RIVER NEAR THATCHER, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1967							2	1	2	4	2	6	8	16	8	17	47	79	70	17	18	13	7	12	6	4	12	4	4	3	2	1			
1968													3	8	7	6	14	47	156	41	23	19	13	8	6	7	1	2	3	2					
1969												2	2	9	2	6	10	57	113	67	28	20	16	11	9	5	3	3		1			1		
1970															1	5	16	25	119	59	76	43	10	2	6	1	1	1							
1971	6							2	1	2	7	9	6	18	28	22	27	30	29	103	36	22	9	6		2									
1972	3							1	2	2	13	17	19	27	18	37	38	48	78	36	7	7	4	5	1	1	1			1					
1973	23						7	1	10	7	6	6	6	3	8	24	26	48	52	22	31	28	9	10	13	15	7	1			2				
1974							57	14	7	6	6	6	6	16	24	27	22	23	41	61	38	9	2												
1975		1	1		1	1	14	4	4	5	15	10	22	44	30	42	61	51	30	15	3	3	3	2	1	1	1								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	32	3287	100.0	12	1.5	72	2991	91.0	24	160	42	135	4.1
1	0.01	1	3255	99.0	13	2.2	141	2919	88.8	25	230	36	93	2.8
2	0.02	1	3254	99.0	14	3.3	126	2778	84.5	26	340	26	57	1.7
3	0.03	0	3253	99.0	15	4.8	186	2652	80.7	27	500	11	31	.9
4	0.04	1	3253	99.0	16	7.1	261	2466	75.0	28	740	7	20	.6
5	0.06	1	3252	98.9	17	10.0	408	2205	67.1	29	1100	7	13	.3
6	0.10	80	3251	98.9	18	15.0	688	1797	54.7	30	1600	4	6	.1
7	0.20	23	3171	96.5	19	23.0	421	1109	33.7	31	2400	1	2	
8	0.30	26	3148	95.8	20	33.0	260	688	20.9	32	3500	1	1	
9	0.50	26	3122	95.0	21	49.0	164	428	13.0	33				
10	0.70	49	3096	94.2	22	72.0	73	264	8.0	34				
11	1.00	56	3047	92.7	23	110.0	56	191	5.8					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PURGATOIRE RIVER NEAR THATCHER, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1967	3480.0	2	1790.0	2	1200.0	1	602.0	1	437.0	1	323.0	1	269.0	1	235.0	1	156.0	1
1968	1190.0	5	878.0	4	562.0	4	441.0	4	299.0	4	181.0	4	148.0	4	118.0	4	84.0	4
1969	6200.0	1	2630.0	1	1180.0	2	578.0	2	303.0	3	195.0	3	170.0	3	137.0	3	110.0	2
1970	513.0	6	232.0	7	177.0	6	130.0	6	86.0	5	62.0	5	50.0	5	50.0	5	42.0	5
1971	294.0	8	151.0	8	72.0	8	61.0	7	45.0	7	37.0	7	35.0	7	36.0	6	33.0	6
1972	1290.0	4	558.0	5	285.0	5	156.0	5	83.0	6	57.0	6	45.0	6	36.0	7	25.0	7
1973	1720.0	3	1250.0	3	735.0	3	510.0	3	386.0	2	234.0	2	173.0	2	151.0	2	105.0	3
1974	96.0	9	68.0	9	56.0	9	47.0	9	38.0	9	35.0	8	34.0	8	31.0	8	25.0	8
1975	347.0	7	236.0	6	109.0	7	54.0	8	39.0	8	31.0	9	26.0	9	21.0	9	17.0	9

07126300 PURGATOIRE RIVER NEAR THATCHER, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PURGATOIRE RIVER NEAR THATCHER, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1968	0.10	5	0.17	5	0.53	5	1.30	4	1.50	4	18.00	6	18.00	6	19.00	6	20.00	6
1969	1.00	6	1.90	6	2.20	6	2.60	6	2.90	5	8.00	4	12.00	4	12.00	4	15.00	3
1970	4.70	7	6.00	8	7.50	8	9.60	8	18.00	8	20.00	7	23.00	7	26.00	7	31.00	7
1971	4.70	8	5.50	7	6.70	7	8.30	7	11.00	7	23.00	8	30.00	8	29.00	8	32.00	8
1972	0.00	1	0.00	1	0.27	4	1.30	5	4.20	6	10.00	5	12.00	5	15.00	5	16.00	4
1973	0.00	2	0.00	2	0.00	1	0.04	1	0.29	2	2.60	2	5.90	2	7.50	2	9.70	2
1974	0.00	3	0.00	3	0.00	2	0.11	3	0.40	3	7.70	3	7.70	3	9.70	3	17.00	5
1975	0.10	4	0.10	4	0.10	3	0.10	2	0.10	1	0.12	1	2.20	1	2.50	1	3.50	1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
17.2	18.8	20.0	24.3	19.4	18.3	54.7	45.1	97.5	67.2	74.3	31.4
250	140	80.2	86.0	34.4	99.2	9167	3061	16420	2562	8253	1251
15.8	11.8	8.96	9.28	5.87	9.96	95.7	55.3	128	50.6	90.8	35.4
1.11	0.86	0.55	0.34	0.50	0.83	2.68	1.57	1.43	0.74	1.43	0.75
0.92	0.63	0.45	0.38	0.30	0.54	1.75	1.23	1.31	0.75	1.22	1.13
3.51	3.85	4.09	4.98	3.97	3.75	11.2	9.23	20.0	13.8	15.2	6.44

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.99	1.18	1.26	1.36	1.27	1.21	1.32	1.34	1.62	1.68	1.55	0.98
0.36	0.11	0.04	0.03	0.02	0.06	0.37	0.34	0.39	0.18	0.36	0.91
0.60	0.33	0.21	0.17	0.13	0.24	0.61	0.59	0.62	0.43	0.60	0.95
-1.44	-0.91	-0.43	-0.11	0.11	0.19	0.78	0.09	0.31	-0.89	-0.08	-0.96
0.60	0.28	0.16	0.13	0.10	0.20	0.46	0.44	0.38	0.25	0.39	0.97
6.31	7.50	8.00	8.62	8.06	7.66	8.36	8.49	10.3	10.7	9.83	6.20

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
40.7	634	25.2	0.52	0.62	0.325

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.52	0.09	0.30	-0.25	0.20	0.405

07126500 PURGATOIRE RIVER AT NINEMILE DAM, NEAR HIGBEE, COLO.

LOCATION.--Lat 37°44'06", long 103°29'45", in NE¼NE¼ sec.12, T.27 S., R.54 W., Otero County, on left bank 0.2 mi (0.3 km) upstream from Ninemile Dam, 5.0 mi (8.0 km) southwest of Higbee, and 5.5 mi (8.8 km) upstream from Smith Canyon.

DRAINAGE AREA.--2,900 mi² (7,511 km²).

REMARKS.--Diversions for irrigation of about 32,000 acres (130 km²) above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PURGATOIRE RIVER AT NINEMILE DAM, NR HIGBEE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1925	49						6	1	6	2	15	18	63	119	23	14	4	2	6	13	4	7	4	2	2	2	1	2							
1926									2	8	19	11	13	85	57	9	15	31	22	25	38	20	9				1								
1927	44						6	8	4	4	9	26	10	46	78	28	22	20	12	4	9	6	4	7	5	6	2	3	1	1					
1928								2		10	16	20	15	29	148	26	15	21	13	17	12	4	7	1	5	1	1	1	1	1					
1929	12						4		1	1	14	4	4	9	38	119	59	57	21	9	3	6	1		1			1						1	
1930	1						1	3	1		1	1	19	57	102	76	32	27	16	11	6	3	3	3	2										
1931	20						1	2	3	2	1	2	6	9	38	25	54	75	45	43	27	6	3		2	1									
1932	20						8	3	2	2	5	10	26	83	70	70	25	24	11	3	3			1											
1933	28							3	13	15	23	9	36	82	32	30	30	14	11	4	11	4	11	4	2	3									
1934	44						9	10	15	6	6	22	49	94	44	21	8	3	12	6	6	6	1	1		1						1			
1935	12	4	9		13	4	51	22	19	15	16	29	39	22	22	17	16	13	10	8	6	1	3	2	4	4	3	1							
1936	27		1		5	1	13	9	8	16	5	10	21	87	64	30	21	11	5	5	6	5	4	5	2	3	1	1							
1937	9				2	1	1	1	11	13	25	37	85	69	17	13	9	11	15	13	5	11	7	4	3	1	1	1							
1938	1			1	1		1	2	3	3	15	13	61	105	45	24	12	15	11	13	15	6	8	3	3	3	1								
1939	54		1		1	6	4	5	9	10	19	13	29	54	58	42	27	15	7	7	2	1		1											
1940	44		2	1	1	2	12	18	14	30	32	29	22	23	32	36	20	19	13	3	6	3	1			2				1					

07126500 PURGATOIRE RIVER AT NINEMILE DAM, NEAR HIGBEE, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PURGATOIRE RIVER AT NINEMILE DAM, NR HIGBEE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1941										3	15	22	24	48	49	26	20	30	16	16	21	23	29	15	1	2	3	1	1						
1942														14	29	32	60	42	27	47	33	16	17	21	5	8	5	2	2	3		2			
1943	18			1		2	6	8	13	7	9	16	10	32	29	40	64	41	32	14	13	2	4		2		1				1				
1944									1	6	14	19	33	74	51	33	13	20	19	15	14	20	12	13	5	2	1				1				
1945								5	2	5	6	15	14	53	69	105	44	16	8	8	6	4	2	1	1		1								
1946	50	1		2	6	6	4	3	6	7	8	16	34	85	56	26	15	15	9	5	6	5													
1947	11							1	1	3	6	22	16	46	77	52	34	29	25	16	13	9	3		1										
1948									4	9	2	18	27	60	53	41	20	33	32	31	8	8	9	5	2	1	1	1		1					
1949										2	5	8	27	92	79	51	25	15	17	16	6	6	3	5	6	1					1				
1950	16		2	1	2	2	4	5	8	8	15	44	37	50	87	19	13	16	7	8	3	8	3	3	2	1	1								
1951	6		1	2	4	3	8	11	17	46	36	36	60	47	24	9	9	13	4	3	5	3	7	3	3	2	1	2							
1952	59				1	3	4	4	2	10	20	55	66	59	25	19	14	3	8	10		2	1		1										
1953	25		3	1	1	2	10	5	6	15	52	34	39	84	21	7	9	5	5	8	9	5	8	3	2	4		1			1				
1954	90	2	1	3	6	7	6	6	5	10	22	37	49	59	18	4	9	5	9	1	5	1	2	3	1	2			1		1				
1955	13		1				6	13	35	49	23	19	47	41	17	8	14	17	7	16	11	8	4	5	2	3	2	1	1					2	
1956	18	4	4	3	5	10	8	13	25	25	33	47	47	44	18	9	7	12	11	5	5	6	3	1	2	1									
1957	62			2	4	1	5	15	34	28	24	18	7	7	17	7	14	13	15	17	41	22	4	5	1	1	1								
1958										6	6	13	13	22	76	55	51	21	13	24	31	18	5	5	3	2	1							
1959	27			1	2		3	5	6	28	19	10	20	63	95	23	24	20	8	4	5	1		1											
1960	31	2	1	1	3	5	3	8	19	17	12	13	21	70	49	12	29	22	15	16	8	3	2	1	3										
1961	15							1		2	2	58	32	69	55	35	26	17	12	14	14	8	1	2	1	1									
1962	37				1	3		2	1	6	12	18	11	103	63	45	22	7	4	9	8	5	1	5	2										
1963	91			2	2	4	8	4	6	17	20	29	61	51	14	8	11	10	4	4	5	2	3	5	2			1	1						
1964	59	3	1	4	3	9	8	9	15	28	14	53	43	33	40	20	7	4	1	2	4		2	2	1	1									
1965	70	1	1	6	1	4	21	21	11	6	10	46	30	7	10	14	13	13	13	7	12	10	13	4	12	3	3	1	1			1			
1966	4		7	12	2	5	7	8	4	12	8	20	33	65	57	32	24	14	8	8	8	6	5	6	4	2	1	1	1		1				
1967	2		1		1	2	5	9	3	12	8	19	65	67	46	28	16	17	10	11	7	14	7	4	5	2		3	1						
1968	24						1	3	4	3	8	14	30	87	107	32	10	15	8	5	5	3	1	1	1	3			1						
1969	20									1	1	10	20	78	83	50	21	18	19	14	10	9	6	2		1		1		1					
1970					3	6	2	6	8	4	10	15	20	69	75	44	74	11	7	6	3	2													
1971	26				1	1	2	8	20	10	25	24	23	48	82	53	18	9	8	5	2														
1972	34		1	1		6	8	6	14	31	23	34	36	64	60	13	5	8	5	2	7		2	1	1	3		1							
1973	60		1		2	2	3	1	4		11	38	55	42	11	20	31	24	10	9	17	15	3	3		1	2								
1974	97		1	1	2		6	15	4	20	16	42	18	36	45	48	9	3			2														
1975	163				3		10	14	9	7	14	54	39	23	7	2	6	5	4	3	2														

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1493	18627	100.0	12	9.9	1605	13397	71.9	24	980	103	271	1.4
1	0.10	17	17134	92.0	13	14.0	2865	11792	63.3	25	1400	74	168	.9
2	0.20	39	17117	91.9	14	21.0	2562	8927	47.9	26	2100	35	94	.5
3	0.30	45	17078	91.7	15	31.0	1602	6365	34.2	27	3100	26	59	.3
4	0.50	78	17033	91.4	16	46.0	1150	4763	25.6	28	4600	13	33	.1
5	0.70	97	16955	91.0	17	67.0	921	3613	19.4	29	6700	7	20	.1
6	1.00	265	16858	90.5	18	99.0	630	2692	14.5	30	9800	7	13	
7	1.50	298	16593	89.1	19	140.0	563	2062	11.1	31	14000	3	6	
8	2.10	398	16295	87.5	20	210.0	508	1499	8.0	32	21000	1	3	
9	3.10	580	15897	85.3	21	310.0	333	991	5.3	33	31000	2	2	
10	4.60	730	15317	82.2	22	460.0	228	658	3.5	34				
11	6.70	1190	14587	78.3	23	670.0	159	430	2.3					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PURGATOIRE RIVER AT NINEMILE DAM, NR HIGBEE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1925	3240.0	25	2280.0	20	1420.0	19	1060.0	16	709.0	13	393.0	16	280.0	18	223.0	24	149.0	25
1926	2200.0	32	975.0	37	496.0	40	401.0	32	339.0	30	315.0	23	279.0	19	251.0	18	190.0	16
1927	9200.0	13	5460.0	5	3860.0	5	2400.0	4	1700.0	3	1030.0	3	706.0	4	536.0	4	356.0	5
1928	8250.0	14	4250.0	11	2150.0	12	1180.0	11	1070.0	6	665.0	8	460.0	8	362.0	9	246.0	9
1929	27000.0	2	10300.0	3	4720.0	3	2290.0	5	1180.0	5	622.0	9	430.0	10	340.0	10	240.0	10
1930	1240.0	40	940.0	38	518.0	38	345.0	37	286.0	35	210.0	34	149.0	35	130.0	34	94.0	37
1931	2060.0	34	1190.0	31	609.0	35	378.0	35	258.0	37	180.0	36	191.0	32	169.0	30	144.0	27
1932	692.0	46	312.0	46	178.0	48	109.0	48	91.0	47	71.0	43	59.0	44	52.0	45	48.0	43
1933	1910.0	36	1310.0	30	772.0	30	379.0	34	321.0	32	260.0	30	210.0	29	181.0	27	139.0	28
1934	11300.0	7	3920.0	14	1730.0	15	816.0	20	448.0	22	298.0	25	217.0	26	179.0	28	121.0	29
1935	4010.0	22	2350.0	19	1110.0	23	602.0	26	415.0	25	348.0	20	262.0	22	277.0	15	187.0	17
1936	3290.0	24	1920.0	24	1310.0	20	1080.0	15	562.0	17	298.0	26	261.0	23	215.0	26	146.0	26
1937	3170.0	26	1890.0	25	1090.0	26	744.0	22	412.0	27	245.0	31	217.0	27	237.0	19	161.0	22
1938	2190.0	33	1140.0	34	822.0	28	515.0	29	347.0	29	303.0	24	238.0	24	237.0	20	165.0	21
1939	734.0	45	353.0	45	191.0	47	116.0	47	92.0	46	60.0	47	45.0	48	36.0	48	38.0	48
1940	4950.0	19	2250.0	21	1020.0	27	492.0	30	303.0	34	169.0	38	123.0	41	129.0	35	97.0	34
1941	6160.0	16	4180.0	12	2390.0	9	1400.0	9	927.0	10	729.0	5	568.0	5	487.0	5	383.0	4
1942	15200.0	4	13000.0	2	8720.0	2	5250.0	2	3150.0	1	1860.0	1	1350.0	1	1050.0	1	829.0	1
1943	10100.0	9	4590.0	8	2230.0	11	1170.0	12	655.0	16	370.0	18	274.0	20	230.0	22	166.0	20
1944	9880.0	10	4470.0	9	2450.0	8	1430.0	7	941.0	9	707.0	6	535.0	6	448.0	6	312.0	6
1945	2600.0	28	1360.0	28	671.0	33	400.0	33	271.0	36	210.0	35	148.0	36	116.0	38	87.0	39

\07126500 PURGATOIRE RIVER AT NINEMILE DAM, NEAR HIGBEE, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PURGATOIRE RIVER AT NINEMILE DAM, NR HIGBEE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1946	420.0	47	266.0	48	211.0	46	159.0	43	105.0	44	60.0	48	50.0	47	39.0	47	40.0	47
1947	1150.0	42	472.0	43	413.0	42	337.0	38	234.0	39	169.0	39	148.0	37	127.0	36	101.0	33
1948	9600.0	12	5080.0	6	2620.0	6	1550.0	6	950.0	8	545.0	11	400.0	11	320.0	11	239.0	11
1949	10600.0	8	4340.0	10	2530.0	7	1400.0	8	857.0	11	530.0	12	381.0	13	295.0	14	207.0	13
1950	2360.0	30	1460.0	27	1100.0	25	756.0	21	410.0	28	262.0	29	205.0	31	160.0	32	108.0	32
1951	3740.0	23	1690.0	26	1300.0	21	676.0	24	520.0	20	412.0	15	297.0	17	236.0	21	158.0	23
1952	1310.0	39	681.0	41	320.0	43	158.0	44	112.0	43	68.0	45	53.0	45	61.0	43	46.0	45
1953	9860.0	11	3650.0	16	1710.0	16	1080.0	13	679.0	15	516.0	13	385.0	12	305.0	12	201.0	15
1954	13600.0	5	4980.0	7	2340.0	10	1210.0	10	989.0	7	507.0	14	341.0	14	260.0	17	172.0	19
1955	31500.0	1	22400.0	1	11100.0	1	5340.0	1	2770.0	2	1400.0	2	1050.0	2	841.0	2	556.0	2
1956	1400.0	37	661.0	42	430.0	41	309.0	42	223.0	40	178.0	37	136.0	38	115.0	39	77.0	41
1957	2250.0	31	1330.0	29	734.0	31	526.0	28	415.0	26	367.0	19	333.0	15	274.0	16	205.0	14
1958	2630.0	27	1110.0	36	775.0	29	491.0	31	421.0	24	377.0	17	330.0	16	296.0	13	216.0	12
1959	782.0	44	403.0	44	238.0	44	151.0	46	85.0	48	69.0	44	62.0	43	55.0	44	48.0	44
1960	1050.0	43	905.0	39	574.0	37	337.0	39	245.0	38	168.0	40	132.0	40	105.0	41	85.0	40
1961	1400.0	38	1180.0	32	597.0	36	336.0	40	213.0	41	162.0	41	135.0	39	109.0	40	96.0	35
1962	1180.0	41	851.0	40	510.0	39	353.0	36	305.0	33	219.0	32	157.0	34	124.0	37	92.0	38
1963	5740.0	17	3230.0	17	1450.0	18	720.0	23	476.0	21	324.0	22	220.0	25	178.0	29	118.0	30
1964	1990.0	35	1140.0	35	662.0	34	333.0	41	202.0	42	105.0	42	90.0	42	71.0	42	54.0	42
1965	18000.0	3	8100.0	4	4050.0	4	2440.0	3	1550.0	4	973.0	4	819.0	3	634.0	3	419.0	3
1966	11300.0	6	3920.0	15	1710.0	17	1080.0	14	845.0	12	695.0	7	532.0	7	401.0	7	265.0	7
1967	4970.0	18	2590.0	18	2070.0	13	1050.0	17	700.0	14	559.0	10	445.0	9	380.0	8	251.0	8
1968	4600.0	20	2010.0	23	1110.0	24	860.0	19	537.0	18	291.0	27	211.0	28	165.0	31	115.0	31
1969	7440.0	15	4060.0	13	1930.0	14	951.0	18	530.0	19	335.0	21	269.0	21	228.0	23	180.0	18
1970	412.0	48	277.0	47	221.0	45	155.0	45	101.0	45	63.0	46	50.0	46	49.0	46	42.0	46
1971	290.0	50	189.0	49	140.0	49	106.0	49	75.0	49	56.0	49	42.0	49	35.0	49	28.0	49
1972	4150.0	21	2210.0	22	1120.0	22	607.0	25	327.0	31	219.0	33	187.0	33	141.0	33	94.0	36
1973	2460.0	29	1180.0	33	702.0	32	571.0	27	445.0	23	280.0	28	206.0	30	222.0	25	154.0	24
1974	238.0	51	94.0	51	65.0	51	55.0	51	43.0	51	38.0	51	36.0	50	30.0	50	25.0	50
1975	301.0	49	157.0	50	126.0	50	72.0	50	66.0	50	42.0	50	32.0	51	25.0	51	20.0	51

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PURGATOIRE RIVER AT NINEMILE DAM, NR HIGBEE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1926	0.00	1	0.00	1	0.00	1	0.00	1	2.70	23	8.90	26	20.00	36	20.00	35	27.00	40
1927	3.00	44	3.30	44	3.70	45	4.20	39	5.00	31	6.50	16	10.00	22	13.00	21	17.00	18
1928	0.00	2	0.00	2	0.00	2	0.00	2	0.17	13	13.00	29	18.00	34	24.00	40	24.00	32
1929	2.00	41	3.30	45	3.40	41	4.20	40	5.30	33	15.00	32	21.00	39	29.00	44	37.00	47
1930	0.00	3	0.00	3	0.00	3	2.30	34	20.00	48	28.00	48	31.00	47	32.00	47	35.00	46
1931	0.00	4	1.00	38	2.10	37	15.00	48	17.00	45	26.00	47	39.00	49	51.00	49	93.00	49
1932	0.00	5	0.00	4	0.00	4	1.80	32	19.00	47	21.00	43	23.00	43	24.00	41	28.00	41
1933	0.00	6	0.00	5	0.00	5	0.07	22	2.80	24	8.30	25	12.00	24	12.00	19	17.00	19
1934	0.00	7	0.00	6	0.00	6	0.00	3	4.90	30	17.00	36	17.00	32	17.00	27	19.00	24
1935	0.00	8	0.00	7	0.00	7	0.00	4	0.70	14	1.00	7	2.40	6	4.10	5	4.70	4
1936	0.00	9	0.07	33	0.12	31	0.20	24	0.95	16	16.00	33	17.00	33	18.00	30	19.00	25
1937	0.00	10	0.00	8	0.00	8	0.73	27	5.20	32	7.80	23	9.00	16	10.00	14	14.00	15
1938	0.00	11	0.00	9	0.14	32	1.80	33	8.30	36	13.00	30	14.00	26	14.00	22	17.00	20
1939	0.00	12	0.60	37	3.10	39	12.00	46	14.00	44	19.00	40	20.00	37	21.00	36	26.00	38
1940	0.00	13	0.00	10	0.00	9	0.00	5	0.00	1	0.00	1	0.86	4	2.00	4	4.80	5
1941	0.00	14	0.40	35	2.10	38	3.40	36	6.20	34	13.00	31	16.00	29	19.00	31	24.00	33
1942	14.00	49	15.00	49	15.00	49	18.00	49	22.00	49	33.00	49	37.00	48	43.00	48	87.00	48
1943	22.00	50	23.00	50	34.00	50	35.00	50	44.00	50	51.00	50	73.00	50	72.00	50	166.00	50
1944	0.00	15	0.00	11	0.00	10	0.34	25	3.20	25	6.00	15	9.10	17	11.00	15	17.00	21
1945	2.60	43	3.20	43	3.60	44	4.40	41	8.70	37	23.00	45	27.00	45	30.00	46	33.00	44
1946	1.50	39	1.60	39	2.00	36	3.60	37	10.00	40	16.00	34	17.00	30	19.00	32	21.00	29
1947	0.00	16	0.00	12	0.00	11	0.00	6	4.80	29	7.40	19	14.00	27	15.00	24	29.00	42
1948	0.00	17	0.00	13	0.00	12	3.20	35	11.00	42	12.00	28	16.00	28	17.00	28	25.00	36
1949	2.20	42	2.80	41	3.30	40	5.10	42	10.00	41	17.00	37	20.00	38	21.00	37	21.00	30
1950	4.00	48	6.80	48	7.20	46	7.70	44	9.80	38	16.00	35	17.00	31	18.00	29	19.00	26
1951	0.00	18	0.00	14	0.00	13	0.99	29	2.20	20	6.70	17	8.60	15	9.50	12	9.50	10
1952	0.00	19	0.00	15	0.00	14	0.00	7	0.00	2	2.00	8	4.80	8	5.80	7	8.20	7
1953	0.00	20	0.00	16	0.00	15	0.00	8	4.20	27	6.70	18	9.90	19	11.00	16	12.00	13
1954	0.00	21	0.00	17	0.00	16	0.00	9	0.00	3	2.40	9	6.10	11	8.20	10	10.00	11
1955	0.00	22	0.00	18	0.00	17	0.00	10	0.13	12	3.10	12	6.00	9	6.90	8	9.30	9
1956	0.00	23	0.00	19	0.00	18	0.75	28	6.20	35	7.60	20	9.30	18	9.90	13	11.00	12
1957	0.00	24	0.00	20	0.00	19	0.00	11	0.00	4	0.00	2	0.08	1	0.64	2	2.20	2
1958	1.70	40	1.80	40	3.50	42	5.90	43	9.80	39	23.00	46	31.00	46	29.00	45	33.00	45
1959	3.10	45	3.20	42	3.50	43	3.60	38	4.20	28	9.00	27	13.00	25	14.00	23	20.00	28
1960	0.00	25	0.00	21	0.00	20	0.00	12	1.70	18	5.00	14	7.60	14	11.00	17	18.00	22
1961	0.00	26	0.00	22	0.00	21	0.00	13	2.20	21	7.70	22	10.00	20	16.00	25	26.00	37
1962	3.90	46	6.10	47	9.50	48	10.00	45	14.00	43	18.00	38	22.00	40	21.00	38	24.00	34
1963	0.00	27	0.00	23	0.00	22	0.00	14	0.00	5	0.17	5	2.40	5	4.50	6	8.00	6
1964	0.00	28	0.00	24	0.00	23	0.00	15	0.02	10	1.00	6	6.80	12	8.20	11	13.00	14
1965	0.00	29	0.00	25	0.00	24	0.00	16	0.00	6	0.00	3	0.34	3	1.80	3	4.00	3

07126500 PURGATOIRE RIVER AT NINEMILE DAM, NEAR HIGBEE, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PURGATOIRE RIVER AT NINEMILE DAM, NR HIGBEE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1966	0.00	30	0.00	26	0.00	25	0.14	23	0.85	15	22.00	44	24.00	44	24.00	42	25.00	35
1967	0.00	31	0.00	27	0.26	33	0.44	26	0.97	17	2.50	11	6.00	10	19.00	33	19.00	27
1968	0.00	32	0.07	34	0.49	34	1.50	31	1.90	19	18.00	39	19.00	35	20.00	34	22.00	31
1969	0.00	33	0.00	28	0.00	26	0.00	17	0.00	7	2.40	10	7.30	13	11.00	18	16.00	16
1970	3.90	47	5.50	46	7.70	47	14.00	47	18.00	46	21.00	41	23.00	41	25.00	43	32.00	43
1971	0.51	38	0.57	36	0.67	35	1.30	30	4.10	26	21.00	42	23.00	42	23.00	39	27.00	39
1972	0.00	34	0.00	29	0.00	27	0.00	18	2.40	22	7.60	21	10.00	21	17.00	26	18.00	23
1973	0.00	35	0.00	30	0.00	28	0.00	19	0.05	11	3.40	13	3.60	7	7.90	9	8.70	8
1974	0.00	36	0.00	31	0.00	29	0.00	20	0.00	8	8.10	24	11.00	23	13.00	20	16.00	17
1975	0.00	37	0.00	32	0.00	30	0.00	21	0.00	9	0.00	4	0.12	2	0.32	1	1.90	1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
35.2	24.4	20.6	23.7	29.8	33.6	105	186	184	181	222	103
8085	564	195	350	477	1750	136900	165100	67510	24570	71470	20660
89.9	23.7	14.0	18.7	21.8	41.8	370	406	260	157	267	144
5.31	2.17	1.64	2.83	2.67	3.12	6.66	4.52	2.23	1.18	2.65	1.96
2.56	0.97	0.68	0.79	0.73	1.25	3.51	2.19	1.41	0.86	1.21	1.40
3.06	2.13	1.79	2.07	2.60	2.92	9.17	16.2	16.0	15.8	19.3	8.95

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.05	1.19	1.20	1.27	1.39	1.33	1.39	1.69	1.87	2.03	2.09	1.49
0.47	0.23	0.15	0.09	0.07	0.16	0.49	0.56	0.39	0.34	0.25	0.70
0.69	0.48	0.39	0.30	0.26	0.40	0.70	0.75	0.63	0.59	0.50	0.83
-0.49	-1.02	-1.92	-0.22	0.22	0.32	0.10	-0.06	-0.16	-2.00	-0.13	-0.71
0.65	0.40	0.32	0.24	0.19	0.30	0.50	0.44	0.33	0.29	0.24	0.56
5.82	6.64	6.64	7.08	7.73	7.38	7.73	9.41	10.4	11.3	11.6	8.30

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
96.1	5652	75.2	2.67	0.78	0.204

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.88	0.10	0.31	-0.27	0.16	0.281

07128000 PURGATOIRE RIVER AT HIGHLAND DAM, NEAR LAS ANIMAS, COLO.

LOCATION.--Lat 37°53'57", long 103°18'11", in SE¼SW¼ sec.1, T.25 S., R.53 W., Bent County, on left bank 70 ft (21 m) upstream from diversion dam for Highland ditch and 11 mi (18 km) southwest of Las Animas.

DRAINAGE AREA.--3,376 mi² (8,744 km²).

REMARKS.--Diversions above station for irrigation of about 33,000 acres (134 km²).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PURGATOIRE R AT HIGHLAND DAM, NR LAS ANIMAS, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1932	45						4		4	13	3	22	37	92	74	10	16	19	7	8	8	2		1	1										
1933	48						26		2	9	35	29	38	83	15	6	8	4	9	12	14	11	5	1	4	2	3	1							
1934	68						9		4	19	26	38	58	68	24	8	7	9	12	4	3	3	2				2			1					
1935	97						48		27	31	9	13	19	17	11	10	12	17	17	12	6	3	4	3	3	2	1	2		1					
1936	55	1	4	4	7	1	14	11	16	26	26	32	26	43	17	17	9	11	9	5	5	7	5	5	3	4	1	1	1						
1937	26		1		5		13	2	11	17	34	36	48	52	29	16	13	6	11	9	7	8	3	8	3	4	2	1							
1938	9				3		3	6	6	4	12	37	57	80	33	18	23	19	10	12	6	11	4	3	4	3	2								
1939	57				4	1	8	5	11	6	8	15	36	62	55	28	28	23	4	9	2	2			1										
1940	78				6	4	9	9	20	24	15	10	14	38	18	21	31	25	22	5	5	5	2	1	1	1	1	1							
1941	27	2			1		1	1	1	1	2	5	14	70	46	18	11	24	22	16	11	24	38	18	4	4		3	1						
1942														1	5	25	52	53	61	30	47	24	21	18	8	5	3	4	3	1	3		1		
1943	53	3	1	3	4		3	3	2	5	9	14	10	21	14	40	55	54	30	20	7	5	2	1	4		1			1					
1944	28	2	1		4		1	1	1	2	5	16	33	41	41	43	23	23	17	13	10	24	13	9	9	3	1		1			1			
1945	2	2		1	4	3	2	4	5	5	12	16	17	47	68	78	38	14	18	7	8	4	4	2	1	2		1							

07128000 PURGATOIRE RIVER AT HIGHLAND DAM, NEAR LAS ANIMAS, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PURGATOIRE R AT HIGHLAND DAM, NR LAS ANIMAS, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1946	79	13	4	2	7	1	3	2	4	3	8	19	49	62	49	10	9	17	9	7	4	2	1	1											
1947	24		1				1	2	2	9	10	12	17	38	70	61	33	23	16	16	10	11	6	2		1									
1948	26									4	7	24	23	55	54	55	13	27	29	18	5	7	5	5	3	4		1		1					
1949	13					1			1	6	5	19	47	81	55	37	21	22	14	10	9	6	4	5	3	4	1				1				
1950	79				2	3	2	4	9	11	8	27	30	45	45	23	21	9	7	11	7	7	3	5	3	2	2								
1951	9	20	7	9	17	6	7	17	24	30	18	30	35	29	28	9	9	13	5	11	7	2	6	5	4	2	4		2						
1952	84		1	2	8	8	11	23	18	37	34	35	28	21	12	10	8	7	8	6	1		1	1	1	1									
1953	67	6	2	1	3	4	11	10	16	20	30	34	34	36	15	7	15	10	9	8	9	2	3	5	3	2	2				1				
1954	145	4	2	1	4	5	7	5	10	17	25	29	38	26	5	9	3	3	3	3	6	2	3	2	2	4				1		1			
1955	23	11	14	4	34	11	28	18	37	29	14	9	14	8	7	12	12	9	13	8	7	9	10	1	9	2	6	1	1	2		1		1	

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1142	8766	100.0	12	9.2	722	5565	63.5	24	860	74	201	2.2
1	0.10	64	7624	87.0	13	13.0	1116	4843	55.2	25	1300	52	127	1.4
2	0.20	38	7560	86.2	14	20.0	790	3727	42.5	26	1800	32	75	.8
3	0.30	27	7522	85.8	15	29.0	571	2937	33.5	27	2700	16	43	.4
4	0.40	113	7495	85.5	16	42.0	470	2366	27.0	28	3900	9	27	.3
5	0.70	48	7382	84.2	17	61.0	441	1896	21.6	29	5700	8	18	.2
6	0.90	211	7334	83.7	18	89.0	362	1455	16.6	30	8300	5	10	.1
7	1.40	123	7123	81.3	19	130.0	260	1093	12.5	31	12000	3	5	
8	2.00	231	7000	79.9	20	190.0	204	833	9.5	32	18000	1	2	
9	2.90	328	6769	77.2	21	280.0	181	629	7.2	33	26000	1	1	
10	4.30	355	6441	73.5	22	400.0	145	448	5.1	34				
11	6.30	521	6086	69.4	23	590.0	102	303	3.5					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PURGATOIRE R AT HIGHLAND DAM, NR LAS ANIMAS, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1932	864.0	23	598.0	22	371.0	21	177.0	22	135.0	21	96.0	21	77.0	21	65.0	21	51.0	21
1933	2800.0	16	2090.0	15	1090.0	15	531.0	17	507.0	13	312.0	14	248.0	13	205.0	14	163.0	13
1934	7500.0	8	3500.0	8	1540.0	11	727.0	14	396.0	17	273.0	18	195.0	17	154.0	17	103.0	19
1935	6040.0	10	2540.0	11	1200.0	14	741.0	13	406.0	16	294.0	15	241.0	14	270.0	11	183.0	10
1936	5240.0	12	2510.0	14	1490.0	13	1260.0	7	647.0	9	334.0	11	309.0	10	261.0	12	174.0	12
1937	3760.0	14	2520.0	12	1520.0	12	955.0	12	577.0	11	338.0	10	278.0	11	281.0	9	188.0	9
1938	2310.0	18	1440.0	18	1020.0	17	526.0	18	365.0	18	282.0	16	235.0	16	224.0	13	157.0	14
1939	947.0	22	471.0	23	269.0	24	161.0	24	109.0	23	64.0	22	46.0	23	37.0	23	37.0	23
1940	2830.0	15	1390.0	19	654.0	19	317.0	20	220.0	19	153.0	20	122.0	20	137.0	19	102.0	20
1941	5680.0	11	3430.0	9	2010.0	8	1210.0	8	832.0	7	684.0	4	544.0	4	498.0	4	404.0	3
1942	25800.0	2	14200.0	2	9720.0	2	5660.0	2	3250.0	1	1850.0	1	1340.0	1	1040.0	1	840.0	1
1943	6250.0	9	3170.0	10	1730.0	10	957.0	11	548.0	12	317.0	13	237.0	15	199.0	15	144.0	15
1944	14800.0	4	7090.0	3	3760.0	3	2000.0	3	1200.0	4	843.0	3	630.0	3	522.0	3	362.0	4
1945	2770.0	17	1760.0	16	929.0	18	635.0	16	418.0	15	277.0	17	191.0	18	146.0	18	104.0	18
1946	810.0	24	370.0	24	286.0	23	185.0	21	107.0	24	54.0	24	44.0	24	35.0	24	36.0	24
1947	1640.0	20	694.0	21	448.0	20	363.0	19	220.0	20	192.0	19	162.0	19	136.0	20	105.0	17
1948	8140.0	7	4170.0	6	2210.0	6	1380.0	6	849.0	6	481.0	8	354.0	8	284.0	8	205.0	8
1949	9680.0	6	4460.0	5	2640.0	5	1490.0	5	894.0	5	541.0	7	391.0	7	301.0	7	211.0	6
1950	1990.0	19	1450.0	17	1060.0	16	692.0	15	438.0	14	323.0	12	248.0	12	191.0	16	126.0	16
1951	4090.0	13	2520.0	13	2070.0	7	1110.0	9	774.0	8	551.0	6	397.0	6	310.0	6	205.0	7
1952	1360.0	21	696.0	20	340.0	22	168.0	23	114.0	22	63.0	23	59.0	22	59.0	22	44.0	22
1953	10000.0	5	3940.0	7	1870.0	9	1050.0	10	628.0	10	466.0	9	352.0	9	276.0	10	182.0	11
1954	17100.0	3	6680.0	4	3080.0	4	1530.0	4	1260.0	3	643.0	5	429.0	5	323.0	5	212.0	5
1955	45700.0	1	21900.0	1	11200.0	1	5670.0	1	2950.0	2	1490.0	2	1200.0	2	981.0	2	646.0	2

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PURGATOIRE R AT HIGHLAND DAM, NR LAS ANIMAS, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1933	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	1.30	8	5.70	9	6.20	7	11.00	9
1934	0.00	2	0.00	2	0.00	2	0.00	2	3.10	16	8.50	15	11.00	15	10.00	14	11.00	10
1935	0.00	3	0.00	3	0.00	3	0.00	3	0.00	2	0.33	3	1.90	4	2.60	3	2.40	1
1936	0.00	4	0.00	4	0.00	4	0.00	4	0.00	3	4.70	12	5.20	8	6.90	9	8.70	7
1937	0.00	5	0.00	5	0.00	5	0.31	16	1.10	14	5.30	13	6.80	11	8.00	11	12.00	11
1938	0.00	6	0.00	6	0.00	6	0.34	17	3.30	17	10.00	16	11.00	16	12.00	15	14.00	12
1939	0.00	7	0.00	7	0.14	18	8.60	21	12.00	21	18.00	20	18.00	20	20.00	20	29.00	20
1940	0.00	8	0.00	8	0.00	7	0.00	5	0.00	4	0.00	1	0.00	1	0.44	1	3.40	3
1941	0.00	9	0.00	9	0.00	8	0.00	6	0.02	13	6.30	14	10.00	14	14.00	16	21.00	18
1942	8.90	22	10.00	22	12.00	22	15.00	22	38.00	23	55.00	23	57.00	22	67.00	23	111.00	22
1943	18.00	23	23.00	23	27.00	23	28.00	23	36.00	22	43.00	22	63.00	23	64.00	22	144.00	23
1944	0.00	10	0.00	10	0.00	9	0.00	7	0.00	5	1.40	9	4.80	7	7.20	10	15.00	13
1945	0.11	21	0.14	21	0.32	19	1.20	19	5.70	19	26.00	21	28.00	21	30.00	21	33.00	21

07128000 PURGATOIRE RIVER AT HIGHLAND DAM, NEAR LAS ANIMAS, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PURGATOIRE R AT HIGHLAND DAM, NR LAS ANIMAS, CO.

YEAR	1	3	7	14	30	60	90	120	183
1946	0.00 11	0.04 20	0.50 21	1.90 20	5.70 20	13.00 19	15.00 19	16.00 19	18.00 17
1947	0.00 12	0.00 11	0.00 10	0.00 8	0.00 6	2.00 10	7.90 13	6.70 8	23.00 19
1948	0.00 13	0.00 12	0.00 11	0.00 9	0.00 7	2.50 11	6.10 10	9.10 12	17.00 16
1949	0.00 14	0.00 13	0.00 12	0.06 15	3.00 15	10.00 17	14.00 18	14.00 17	15.00 14
1950	0.00 15	0.00 14	0.33 20	0.86 18	3.90 18	12.00 18	13.00 17	15.00 18	15.00 15
1951	0.00 16	0.00 15	0.00 13	0.00 10	0.00 8	1.10 7	7.00 12	9.30 13	8.70 8
1952	0.00 17	0.00 16	0.00 14	0.00 11	0.00 9	0.42 4	2.70 5	2.90 4	3.20 2
1953	0.00 18	0.00 17	0.00 15	0.00 12	0.00 10	0.98 6	3.90 6	6.10 6	6.80 6
1954	0.00 19	0.00 18	0.00 16	0.00 13	0.00 11	0.00 2	1.10 2	2.90 5	5.50 5
1955	0.00 20	0.00 19	0.00 17	0.00 14	0.00 12	0.47 5	1.10 3	1.60 2	4.20 4

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
40.2	23.5	19.0	21.3	23.2	24.9	160	296	194	191	230	134
11370	1292	351	529	327	592	339800	346300	54520	29890	45680	27580
107	35.9	18.7	23.0	18.1	24.3	583	588	233	173	214	166
3.78	2.71	2.18	2.41	1.13	1.08	4.75	3.37	1.74	1.77	1.32	1.65
2.65	1.53	0.98	1.08	0.78	0.98	3.65	1.99	1.21	0.91	0.93	1.24
2.96	1.73	1.40	1.57	1.71	1.83	11.8	21.8	14.3	14.1	17.0	9.89

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.85	0.98	1.10	1.14	1.20	1.09	1.13	1.77	1.94	2.10	2.18	1.61
0.69	0.46	0.20	0.18	0.22	0.41	1.01	0.88	0.44	0.21	0.18	0.83
0.83	0.68	0.44	0.42	0.47	0.64	1.00	0.94	0.66	0.45	0.43	0.91
0.05	-0.65	-0.80	-0.01	-1.46	-1.02	-0.27	-0.55	-0.81	-0.71	0.03	-1.03
0.98	0.70	0.40	0.37	0.40	0.59	0.89	0.53	0.34	0.22	0.20	0.57
4.98	5.72	6.44	6.67	7.00	6.41	6.60	10.4	11.4	12.3	12.7	9.41

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
114	10250	101	2.51	0.89	0.189

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.94	0.10	0.31	0.29	0.16	0.180

07128500 PURGATOIRE RIVER NEAR LAS ANIMAS, COLO.

LOCATION.--Lat 38°02'02", long 103°12'00", in NE¼SW¼ sec.23, T.23 S., R.52 W., Bent County, on right bank at downstream side of bridge on State Highway 101, 2.3 mi (3.7 km) southeast of courthouse in Las Animas and 4.5 mi (7.2 km) upstream from mouth.

DRAINAGE AREA.--3,503 mi^2 (9,073 km^2).

REMARKS.--Diversions for irrigation of about 36,000 acres (146 km^2) above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PURGATOIRE RIVER NEAR LAS ANIMAS, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1923											10	63	38	45	57	39	2	2	3	9	15	18	11	14	10	10	7	5	5	1	1				
1924	1						34	4	12	6	7	10	10	16	18	14	33	52	33	41	29	25	10	6		4		1							
1925	12						42	40	17	11	9	19	56	36	35	24	14	4	12	5	5	3	5	3	6	3	1	3							
1926							27	15	6	6	4	11	11	41	46	56	32	18	14	21	15	18	19	3	1			1							
1927	1						24	31	30	25	26	17	23	34	39	19	10	7	7	18	10	15	4	5	3	4	4	4	3	2					
1928								12	6	19	33	17	51	45	19	15	38	35	14	14	19	7	7	8	1	2	1	1	1	1					
1929							3	5	13	4	5	5	16	24	24	64	82	34	25	22	10	14	6	3	3	1			1			1			
1930								14	14	13	22	21	53	28	97	14	13	30	7	7	4	7	10	5	3	2				1					
1931								32	14	11	12	6	5	18	20	25	85	36	24	31	18	16	6	2		2		2							
1949	3					3	3	12	13	52	19	23	18	15	80	31	16	25	8	10	5	7	7	6	2	5				2					
1950							6	30	52	35	20	29	27	40	40	17	9	16	10	7	6	2	5	6	2	4	1	1							

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PURGATOIRE RIVER NEAR LAS ANIMAS, CO.

NUMBER OF DAYS IN CLASS

CLASS / YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1951							1	2	24	37	43	59	40	52	33	16	12	8	4	8	5	4	2	7	3	2	2	1							
1952							8	19	35	48	52	72	41	20	24	19	9	2	3	1	7	3		3											
1953								13	66	48	40	30	28	38	29	11	12	8	4	8	7	5	7	3	4	2	1				1				
1954		1	3	20	10	10	15	65	65	33	17	28	33	18	17	3	3	2	1	8	3	1		2	2	1	1	1	1			1			
1955							16	71	37	55	15	26	25	33	12	4	4	4	9	5	13	10	8	3	3	3	3	3		1	1				1
1956				1	1	22	10	53	52	35	53	12	27	43	14	4	6	5	2	2	6	3	4	8	1		1		1						
1957								42	67	42	30	11	9	6	15	19	23	18	13	16	21	17	6	2	6	2									
1958										14	12	12	17	25	68	66	49	12	14	21	16	12	7	7	6	5	2								
1959					1	8	25	22	8	24	13	26	21	45	61	68	29	5	3	3		1	2												
1960							25	30	32	19	27	29	30	32	48	24	17	17	14	9	5	3	1	1	1	1	1								
1961					1	5	14	8	13	30	15	30	28	54	48	36	29	20	13	15	2	1	1	1	1										
1962								1	39	27	32	41	28	44	49	38	28	8	4	13	5	5	1		2										
1963		4	4	5	8	12	10	31	52	51	23	44	21	20	18	19	5	8	7	9	4	1	4	3	1			1							
1964				3	5	18	15	30	48	53	52	47	40	20	13	4	3	3	4	3	3	1			1										
1965						3	26	41	46	57	38	19	10	10	5	7	15	13	5	9	10	6	15	8	7	4	5	3	1			1	1		
1966						1	1	31	22	13	21	14	11	24	64	73	27	13	9	8	8	2	8	9	3	2				1					
1967								6	8	37	31	14	16	35	86	38	25	16	10	9	7	6	10		1	7	3								
1968										29	68	31	43	39	54	43	26	11	1	4	4	3	4	1	1	3	1								
1969										11	8	15	27	48	66	63	44	30	7	16	13	5	4	3	1	2		2							
1970									2	16	19	25	27	20	45	63	105	28	5	4	2	3		1											
1971						3	1	14	13	32	34	23	15	26	38	48	82	21	6	3	2	3			1										
1972				1			6	6	19	43	31	49	38	39	45	46	11	9	5	5	2	1	5	1	1	1	1	1							
1973						2		8	42	30	15	22	32	53	51	12	13	28	10	10	16	12	2	3	4										
1974	26	23		13		17		14	23	16	18	13	12	55	36	31	51	9	4	2	1	1													
1975		5		17		39	9	68	77	30	20	19	45	26	3	3		3	1																

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	43	13148	100.0	12	10.0	972	7940	60.4	24	1100	81	248	1.8
1	0.10	33	13105	99.7	13	15.0	1167	6968	53.0	25	1600	72	167	1.2
2	0.20	7	13072	99.4	14	22.0	1417	5801	44.1	26	2400	35	95	.7
3	0.30	60	13065	99.4	15	33.0	1076	4384	33.3	27	3500	30	60	.4
4	0.50	26	13005	98.9	16	48.0	962	3308	25.2	28	5100	13	30	.2
5	0.70	143	12979	98.7	17	71.0	560	2346	17.8	29	7500	9	17	.1
6	1.00	321	12836	97.6	18	110.0	315	1786	13.6	30	11000	3	8	
7	1.50	770	12515	95.2	19	150.0	376	1471	11.2	31	16000	3	5	
8	2.20	967	11745	89.3	20	230.0	298	1095	8.3	32	24000	1	2	
9	3.20	1012	10778	82.0	21	340.0	241	797	6.1	33	36000	1	1	
10	4.70	894	9766	74.3	22	500.0	181	556	4.2	34				
11	6.90	932	8872	67.5	23	730.0	127	375	2.9					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PURGATOIRE RIVER NEAR LAS ANIMAS, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1923	12700.0	5	8060.0	4	5840.0	3	4070.0	3	2930.0	3	1840.0	1	1580.0	1	1320.0	1	874.0	1
1924	4460.0	16	2230.0	17	1790.0	13	1200.0	11	834.0	10	528.0	12	386.0	13	311.0	13	253.0	9
1925	4150.0	19	2930.0	14	2240.0	10	1590.0	7	1110.0	9	594.0	9	420.0	11	328.0	10	221.0	11
1926	3660.0	21	1770.0	22	828.0	25	483.0	26	445.0	23	381.0	18	349.0	16	298.0	14	211.0	15
1927	8730.0	8	5980.0	7	4430.0	5	2970.0	4	2320.0	4	1560.0	3	1080.0	4	814.0	4	535.0	4
1928	7860.0	10	4860.0	9	2480.0	8	1320.0	9	1170.0	8	751.0	7	521.0	7	426.0	6	288.0	6
1929	23000.0	3	10400.0	3	4990.0	4	2560.0	5	1340.0	7	805.0	5	605.0	5	475.0	5	332.0	5
1930	8060.0	9	3720.0	11	1780.0	14	876.0	15	708.0	13	501.0	14	360.0	15	295.0	15	200.0	16
1931	4800.0	13	3730.0	10	1920.0	12	1070.0	12	615.0	15	323.0	22	236.0	22	192.0	23	180.0	19
1949	10600.0	7	7270.0	5	4080.0	6	2310.0	6	1350.0	5	795.0	6	555.0	6	422.0	7	284.0	8
1950	3760.0	20	2040.0	18	1550.0	16	922.0	14	555.0	17	446.0	15	347.0	18	269.0	18	177.0	21
1951	4230.0	18	1620.0	25	1220.0	20	682.0	21	540.0	18	425.0	17	348.0	17	268.0	19	178.0	20
1952	934.0	32	652.0	30	306.0	31	172.0	31	122.0	31	80.0	31	57.0	32	65.0	30	46.0	32
1953	12600.0	6	4950.0	8	2290.0	9	1280.0	10	730.0	11	558.0	10	423.0	10	325.0	12	215.0	13
1954	17300.0	4	6900.0	6	3220.0	7	1530.0	8	1340.0	6	674.0	8	449.0	9	338.0	9	223.0	10
1955	46300.0	1	22200.0	1	11400.0	1	5840.0	1	3080.0	2	1560.0	4	1200.0	3	965.0	3	634.0	3
1956	6160.0	12	2650.0	15	1370.0	17	720.0	20	498.0	22	369.0	19	257.0	21	208.0	21	138.0	23
1957	2170.0	26	1490.0	26	951.0	22	541.0	22	513.0	20	350.0	20	330.0	19	271.0	17	212.0	14
1958	3410.0	22	1780.0	21	1250.0	19	766.0	19	702.0	14	520.0	13	454.0	8	403.0	8	285.0	7
1959	718.0	34	295.0	34	157.0	34	113.0	34	86.0	34	53.0	34	47.0	35	44.0	34	41.0	33
1960	2450.0	25	1810.0	20	971.0	21	508.0	24	320.0	25	207.0	26	150.0	27	120.0	27	88.0	27
1961	1260.0	30	663.0	29	391.0	29	262.0	29	165.0	29	120.0	29	90.0	29	69.0	29	64.0	29
1962	1310.0	28	995.0	28	546.0	28	351.0	28	264.0	28	160.0	28	123.0	28	94.0	28	72.0	28
1963	4370.0	17	1750.0	23	797.0	26	405.0	27	310.0	26	251.0	25	171.0	26	134.0	26	89.0	26
1964	1300.0	29	578.0	31	314.0	30	154.0	33	90.0	33	46.0	35	49.0	34	38.0	35	28.0	35
1965	35700.0	2	20900.0	2	10900.0	2	5600.0	2	3110.0	1	1810.0	2	1450.0	2	1100.0	2	730.0	2
1966	7540.0	11	3000.0	13	1320.0	18	773.0	18	594.0	16	438.0	16	384.0	14	289.0	16	191.0	17
1967	2880.0	23	2450.0	16	1940.0	11	1040.0	13	722.0	12	532.0	11	404.0	12	327.0	11	216.0	12
1968	2520.0	24	1710.0	24	896.0	24	798.0	17	508.0	21	262.0	24	197.0	23	150.0	25	102.0	25
1969	4540.0	15	3510.0	12	1730.0	15	853.0	16	531.0	19	323.0	21	263.0	20	235.0	20	181.0	18
1970	921.0	33	450.0	33	240.0	33	187.0	30	139.0	30	78.0	32	60.0	30	56.0	32	53.0	30
1971	1100.0	31	539.0	32	255.0	32	158.0	32	119.0	32	84.0	30	59.0	31	57.0	31	47.0	31
1972	4740.0	14	1860.0	19	933.0	23	506.0	25	268.0	27	185.0	27	187.0	25	156.0	24	104.0	24
1973	1430.0	27	1100.0	27	713.0	27	540.0	23	427.0	24	268.0	23	195.0	24	194.0	22	139.0	22
1974	355.0	35	216.0	35	111.0	35	96.0	35	75.0	35	64.0	33	55.0	33	46.0	33	39.0	34
1975	121.0	36	76.0	36	46.0	36	34.0	36	20.0	36	13.0	36	12.0	36	9.7	36	7.1	36

07128500 PURGATOIRE RIVER NEAR LAS ANIMAS, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PURGATOIRE RIVER NEAR LAS ANIMAS, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1923	2.00	25	2.00	24	3.70	30	5.20	32	6.60	30	7.10	17	8.20	14	12.00	13	18.00	15
1924	5.00	35	6.00	35	6.90	34	7.00	33	8.20	32	31.00	33	111.00	35	112.00	35	250.00	35
1925	0.00	1	1.00	13	1.00	10	1.00	9	1.00	4	2.00	5	6.00	11	9.90	11	12.00	9
1926	0.00	2	0.00	1	0.29	4	0.71	4	1.60	10	20.00	29	28.00	31	27.00	29	31.00	27
1927	1.00	16	1.00	14	1.00	11	1.00	10	1.30	7	2.60	9	11.00	18	15.00	16	18.00	16
1928	0.00	3	0.67	8	0.86	9	0.93	8	1.40	8	2.70	11	5.50	9	24.00	26	35.00	28
1929	2.00	26	2.00	25	2.00	23	2.70	24	3.70	24	22.00	30	20.00	25	24.00	27	36.00	29
1930	1.00	17	1.00	15	1.90	21	3.60	28	9.10	33	11.00	24	16.00	23	18.00	20	21.00	19
1931	2.00	27	2.00	26	2.00	24	3.00	25	3.60	22	47.00	35	46.00	34	68.00	34	157.00	34
1950	0.00	4	0.67	9	2.10	25	2.50	23	4.50	28	10.00	22	14.00	22	15.00	17	18.00	17
1951	1.30	23	1.40	22	1.40	16	1.50	12	1.80	11	2.10	6	13.00	20	13.00	14	15.00	14
1952	1.20	21	1.50	23	1.90	22	2.10	20	2.40	17	4.00	15	7.70	13	9.00	10	12.00	10
1953	1.20	22	1.30	20	1.50	20	1.90	18	3.70	23	6.50	16	9.80	15	11.00	12	12.00	11
1954	1.10	20	1.20	16	1.30	12	1.50	13	1.80	12	1.90	4	3.00	5	6.30	6	7.90	5
1955	0.11	7	0.17	4	0.24	3	0.28	2	0.38	2	1.20	2	2.10	3	2.80	4	6.20	4
1956	1.00	18	1.20	17	1.40	17	1.50	14	1.80	13	2.70	12	6.40	12	8.40	8	10.00	8
1957	0.41	10	0.54	6	0.77	7	0.92	7	1.50	9	2.10	7	2.40	4	2.70	3	3.40	2
1958	4.40	33	5.70	34	5.70	33	7.80	34	16.00	34	23.00	31	26.00	28	29.00	30	39.00	30
1959	3.50	32	3.50	31	3.90	32	4.00	30	4.30	26	11.00	23	17.00	24	20.00	21	25.00	23
1960	0.61	12	0.70	10	0.76	6	0.88	6	1.10	5	2.60	10	5.60	10	7.40	7	14.00	12
1961	1.10	19	1.30	21	1.30	13	1.40	11	2.10	15	9.10	21	14.00	21	21.00	22	21.00	18
1962	0.51	11	0.63	7	0.81	8	1.60	15	6.90	31	14.00	25	21.00	26	23.00	25	23.00	20
1963	2.00	28	2.20	27	2.30	26	2.40	22	2.60	18	2.80	13	4.90	7	5.30	5	8.70	6
1964	0.10	6	0.10	3	0.14	2	0.29	3	0.52	3	2.10	8	5.40	8	8.60	9	8.90	7
1965	0.30	8	0.40	5	0.53	5	0.72	5	1.10	6	1.40	3	1.80	2	2.20	1	2.90	1
1966	2.10	29	2.60	29	2.80	27	3.10	26	3.20	20	26.00	32	32.00	32	33.00	31	44.00	32
1967	0.90	15	1.20	18	1.50	18	1.70	16	2.00	14	3.20	14	4.10	6	21.00	23	26.00	24
1968	1.90	24	2.20	28	3.00	28	3.50	27	3.90	25	16.00	26	26.00	29	26.00	28	27.00	25
1969	3.40	31	3.60	32	3.70	31	4.00	31	4.50	29	7.30	18	10.00	16	16.00	18	24.00	22
1970	4.80	34	5.10	33	8.40	35	29.00	35	37.00	35	40.00	34	46.00	33	48.00	33	50.00	33
1971	3.00	30	3.10	30	3.30	29	3.80	29	4.40	27	17.00	27	26.00	30	38.00	32	41.00	31
1972	0.80	13	0.80	11	1.30	14	2.20	21	3.50	21	8.80	20	11.00	19	17.00	19	23.00	21
1973	0.40	9	0.93	12	1.30	15	2.10	19	2.90	19	8.10	19	10.00	17	14.00	15	15.00	13
1974	0.90	14	1.30	19	1.50	19	1.80	17	2.30	16	20.00	28	22.00	27	23.00	24	30.00	26
1975	0.00	5	0.00	2	0.06	1	0.08	1	0.22	1	0.44	1	0.74	1	2.60	2	5.90	3

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
58.7	29.3	27.1	27.4	34.4	34.0	51.1	172	265	275	353	86.9
25930	1441	365	416	1221	3055	7460	223600	284100	87960	284600	17090
161	38.0	19.1	20.4	34.9	55.3	86.4	473	533	297	533	131
4.07	4.45	1.93	1.44	3.35	3.53	2.19	5.19	3.65	1.76	2.97	2.18
2.74	1.30	0.71	0.75	1.01	1.62	1.69	2.76	2.01	1.08	1.51	1.50
4.15	2.07	1.92	1.94	2.44	2.41	3.61	12.1	18.7	19.5	25.0	6.14

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.12	1.25	1.33	1.33	1.40	1.23	1.17	1.59	1.83	2.11	2.14	1.33
0.47	0.22	0.11	0.10	0.11	0.24	0.47	0.59	0.60	0.47	0.42	0.78
0.69	0.47	0.33	0.31	0.34	0.49	0.69	0.77	0.77	0.69	0.65	0.88
0.58	-0.50	-0.82	0.05	0.08	0.54	0.63	0.03	-0.03	-1.13	0.01	-0.32
0.61	0.37	0.25	0.23	0.24	0.40	0.59	0.48	0.42	0.33	0.30	0.66
6.31	7.01	7.45	7.46	7.88	6.89	6.54	8.93	10.2	11.8	12.0	7.48

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
119	9710	98.5	1.80	0.83	0.170

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.93	0.15	0.38	-0.66	0.20	0.350

07129500 RULE CREEK NEAR CADDOA, COLO.

LOCATION.--Lat 37°59'58", long 103°04'36", in SW¼SE¼ sec.36, T.23 S., R.51 W., Bent County, 5 mi (8 km) upstream from mouth and 9 mi (14 km) southwest of Caddoa.

DRAINAGE AREA.--435 mi² (1,127 km²).

REMARKS.--One small diversion above station for irrigation.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RULE CREEK NEAR CADDOA, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1942			13	24	89	84	71	30	6	13	14	6	3	2		2	1	1	1	1				1		1	1			1					
1943	42	85	28	23	12	51	23	8	58	19	11	3								1												1			
1944	37	36	15	30	75	102	26	13	8	3	6	2	2		2			3	2		1		2					1							
1945	4	6	41	46	48	123	39	15	17	14	4	2		1				1					2						1		1				
1946	60	44	124	75	35	8	2	3	1	2	1	2	1	1				1		1		1			1	1						1			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	143	1826	100.0	12	3.0	6	44	2.4	24	54	1	10	.5
1	0.10	171	1683	92.2	13	3.8	4	38	2.1	25	69	2	9	.4
2	0.20	221	1512	82.8	14	4.8	2	34	1.9	26	88	1	7	.3
3	0.30	198	1291	70.7	15	6.1	2	32	1.8	27	110	1	6	.3
4	0.40	259	1093	59.9	16	7.8	1	30	1.6	28	140	1	5	.2
5	0.50	368	834	45.7	17	9.9	6	29	1.6	29	180	1	4	.2
6	0.70	161	466	25.5	18	13.0	3	23	1.3	30	230	1	3	.1
7	0.90	69	305	16.7	19	16.0	3	20	1.1	31	290	2	2	.1
8	1.10	90	236	12.9	20	21.0	1	17	0.9	32				
9	1.40	51	146	8.0	21	26.0	1	16	0.9	33				
10	1.80	36	95	5.2	22	33.0	4	15	0.8	34				
11	2.30	15	59	3.2	23	42.0	1	11	0.6					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RULE CREEK NEAR CADDOA, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1942	192.0	4	120.0	3	53.0	4	25.0	4	13.0	4	8.1	3	5.7	3	4.9	2	3.6	2
1943	518.0	1	179.0	1	77.0	1	36.0	1	18.0	1	9.1	1	6.3	1	5.0	1	3.7	1
1944	116.0	5	56.0	5	30.0	5	14.0	5	7.4	5	5.5	5	3.9	5	3.1	5	2.3	5
1945	252.0	3	144.0	2	63.0	2	32.0	2	16.0	2	8.6	2	5.9	2	4.5	3	3.2	3
1946	294.0	2	111.0	4	58.0	3	28.0	3	14.0	3	7.0	4	4.8	4	4.4	4	3.0	4

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RULE CREEK NEAR CADDOA, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1943	0.00	1	0.00	1	0.03	3	0.09	3	0.18	3	0.27	4	0.33	3	0.40	3	0.70	4
1944	0.00	2	0.00	2	0.00	1	0.00	1	0.06	1	0.09	1	0.12	1	0.11	1	0.19	1
1945	0.00	3	0.00	3	0.00	2	0.06	2	0.09	2	0.19	2	0.40	4	0.55	4	0.57	3
1946	0.11	4	0.10	4	0.10	4	0.13	4	0.20	4	0.21	3	0.22	2	0.23	2	0.27	2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
0.42	0.52	0.48	0.63	0.61	0.72	1.01	2.29	6.63	0.98	6.56	0.20
0.10	0.12	0.05	0.20	0.20	0.10	1.00	7.60	69.2	2.15	56.8	0.03
0.32	0.34	0.22	0.45	0.44	0.32	1.00	2.76	8.32	1.47	7.54	0.17
1.17	1.99	-0.10	1.48	1.76	0.76	1.90	1.48	0.80	2.06	0.56	0.59
0.77	0.65	0.47	0.71	0.73	0.44	0.99	1.21	1.26	1.50	1.15	0.85
1.98	2.49	2.26	3.01	2.89	3.40	4.80	10.9	31.5	4.64	31.2	0.97

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
-0.51	-0.34	-0.37	-0.28	-0.30	-0.18	-0.15	0.01	0.36	-0.44	0.30	-0.85
0.17	0.05	0.05	0.08	0.09	0.04	0.16	0.46	0.58	0.53	0.84	0.19
0.42	0.23	0.23	0.29	0.30	0.21	0.41	0.68	0.76	0.72	0.91	0.44
-0.99	1.33	-0.50	0.60	0.30	-0.59	0.24	-0.11	0.51	0.24	-0.26	-0.18
-0.82	-0.70	-0.63	-1.04	-0.99	-1.13	-2.76	51.1	2.11	-1.64	3.02	-0.52
18.6	12.3	13.5	10.2	10.9	6.66	5.37	-0.49	-13.3	16.1	-11.1	31.1

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.76	0.11	0.33	-1.06	0.19	-0.382

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.24	0.01	0.09	-1.24	0.37	-0.404

07130500 ARKANSAS RIVER BELOW JOHN MARTIN RESERVOIR, COLO.

LOCATION.--Lat 38°05'02", long 102°55'10", in NW¼NW¼ sec.4, T.23 S., R.49 W., Bent County, on left bank 1.1 mi (1.8 km) upstream from Caddoa Creek, 1.7 mi (2.7 km) downstream from John Martin Dam, and 2.9 mi (4.7 km) southeast of Hasty.

DRAINAGE AREA.--18,917 mi² (48,995 km²), of which 785 mi² (2,033 km²) is probably noncontributing.

REMARKS.--Storage and diversions above station for irrigation of about 438,000 acres (1,770 km²) and for flood control. Flow completely regulated by John Martin Reservoir, 1.7 mi (2.7 km) upstream, since Jan. 15, 1943. Statistical summaries are shown for two periods, water years 1939-42 and water years 1944-75.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER BELOW JOHN MARTIN RESERVOIR, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1939		1	1	2	5	7	5	12	13	14	8	5	23	55	56	54	30	27	28	13	1	2	2	1											
1940			1	3	2	9	12	53	34	44	49	30	21	29	21	14	18	10	8	1	2	2	1	1		1									
1941				1			4	25	13	22	14	21	23	38	29	23	20	24	19	32	20	12	10	5	6	2	1	1							
1942						1							2	4	17	38	31	50	35	27	38	26	10	8	12	6	21	9	10	7	8		2	2	1

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1461	100.0	12	92.0	69	1050	71.9	24	2200	18	89	6.0
1	5.00	1	1461	100.0	13	120.0	126	981	67.1	25	2900	9	71	4.8
2	6.50	2	1460	99.9	14	160.0	123	855	58.5	26	3700	22	62	4.2
3	8.50	6	1458	99.8	15	200.0	129	732	50.1	27	4900	10	40	2.7
4	11.00	7	1452	99.4	16	260.0	99	603	41.3	28	6300	10	30	2.0
5	14.00	17	1445	98.9	17	340.0	111	504	34.5	29	8200	7	20	1.3
6	19.00	21	1428	97.7	18	450.0	90	393	26.9	30	11000	8	13	.8
7	24.00	90	1407	96.3	19	580.0	73	303	20.7	31	14000		5	.3
8	32.00	60	1317	90.1	20	760.0	61	230	15.7	32	18000	2	5	.3
9	41.00	80	1257	86.0	21	990.0	42	169	11.6	33	24000	2	3	.2
10	54.00	71	1177	80.6	22	1300.0	23	127	8.7	34	31000	1	1	
11	70.00	56	1106	75.7	23	1700.0	15	104	7.1					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER BELOW JOHN MARTIN RESERVOIR, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1939	1820.0	4	1310.0	4	907.0	3	730.0	3	629.0	3	525.0	3	395.0	3	353.0	3	289.0	3
1940	3460.0	3	1530.0	3	880.0	4	725.0	4	493.0	4	281.0	4	213.0	4	222.0	4	177.0	4
1941	6110.0	2	3920.0	2	2280.0	2	1420.0	2	1210.0	2	1080.0	2	949.0	2	910.0	2	727.0	2
1942	33400.0	1	31300.0	1	22500.0	1	16700.0	1	11800.0	1	7600.0	1	6060.0	1	4770.0	1	3380.0	1

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER BELOW JOHN MARTIN RESERVOIR, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1939	37.00	4	37.00	3	40.00	4	46.00	3	86.00	3	163.00	3	181.00	3	195.00	3	214.00	3
1940	5.00	1	8.00	1	18.00	2	26.00	2	30.00	2	37.00	1	38.00	1	43.00	1	75.00	1
1941	8.00	2	9.00	2	14.00	1	24.00	1	26.00	1	63.00	2	84.00	2	121.00	2	117.00	2
1942	16.00	3	38.00	4	40.00	3	52.00	4	213.00	4	366.00	4	421.00	4	424.00	4	594.00	4

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER BELOW JOHN MARTIN RESERVOIR, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1944										36	61	28	8	3	1	2	6	13	5	1	12	25	27	17	9	16	32	16	9	24	7	1	7		
1945								2	22	34	57	26	3	3	2	2	2	5	7	7	15	23	27	6	20	21	21	45	12	3					
1946	26	19					9		11	19	21	3	1		1	1	2	8	20	24	34	38	39	13	19	20	14	4	7	9	3				
1947	4					9		16	39	53	38	2	4			2			3	1	12	15	14	9	6	9	29	35	9	24	17	2	9	4
1948									5	23	91	28	3			2		1		3	16	3	9	10	16	32	31	69	24					
1949											49	79	19	2	1		1	3	8	4	6	8	6	12	30	34	53	35	15					
1950										1	15	82	14	2	1	5	12	1	4	16	1	6	12	22	32	51	43	31	14					
1951												97	36	5	4	10	1	19	15	4		4	12	13	15	66	22	31	11					
1952											6	138	7	4	1		1		4	4	5	16	10	11	26	69	47	14	3					
1953										81	24	3		1	4	10	4	15	20	53	13	19	6	8	12	33	29	12	14	4				
1954								2	89	35	8				3	13	23	57	29	15	7	6	5	7	6	7	5	33	15					
1955								2	35	18	14	1		21	17	30	62	19	7	1	1	1	3	9	5	13	13	18	75					
1956							1	5	8	41	71	8	15	1	1	13	11	22	10	8	5	8	5	6	21	45	23	37		1				
1957						1		24	55	54	10	1	2		2	17	33	17		1	3	17	7	3	8	29	13	22	46					
1958												12	147	13	3	3	1	2	1	6	9	3	23	10	10	37	36	25	24					
1959												1	75	51	27	4	1	4	4		1	1		5	22	18	30	73	48					
1960										16	119	37	2	16	8	13	11	7	6	13	12	9	8	3	20	22	12	21	11					

07130500 ARKANSAS RIVER BELOW JOHN MARTIN RESERVOIR, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER BELOW JOHN MARTIN RESERVOIR, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1961									14	28	81	9	4	4	3	9	2	6	20	24	13	13	14	14	16	49	24	18							
1962											38	118	2					4	34	4	1	2	7	4	36	54	25	32	4						
1963											66	44	3	15		3	8	42	44	20	21	25	17	7	14	9	8	8	11						
1964									7	52	66	13	1	1	3	7	5	68	66	22	7	11	4	5	6	2	6	7	7						
1965									36	10	2	6	6	3		59	17	68	14	7	4	18	5	5	7	16	20	9	23	7	8	13	2		
1966														3	3			2	10	3	12	30	30	42	43	35	45	58	49						
1967											27	28	16	5	7	8	60	7	1	2	2	6	8	22	13	39	18	48	48						
1968										44	52	5	1	8	18	13	6	1	7	31	13	5	5	10	38	57	16	17	19						
1969									64	33	1	15	2	1		7	24	37	10	22	7	15	9	9	12	37	37	16	7						
1970										15	106	43	9				3	8	5	1	7	4		5	22	61	38	25	13						
1971											57	11	2	2	4	3	13	18	4	24	40	43	17	19	35	47	5	14	7						
1972									4	42	54	5			4	3	22	26	24	28	27	12	19	16	14	26	19	12	9						
1973									35	118	32	2						32	15	12	4	7	2	2	12	22	19	41	10						
1974										3	104	4	23	25	3	19	13	19	17	20	5	5	10	24	17	34	4	12	4						
1975									6	55	4	2	12	4	62	40	37	30	7	9	5	10	5	3	11	31	23	6	3						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	30	11688	100.0	12	5.1	417	8202	70.2	24	260	573	3914	33.4
1	0.10	19	11658	99.7	13	7.1	193	7785	66.6	25	360	1041	3341	28.5
2	0.20	0	11639	99.6	14	9.9	183	7592	65.0	26	510	760	2300	19.6
3	0.30	0	11639	99.6	15	14.0	298	7409	63.4	27	700	844	1540	13.1
4	0.40	0	11639	99.6	16	19.0	381	7111	60.8	28	980	551	696	5.9
5	0.50	10	11639	99.6	17	26.0	561	6730	57.6	29	1400	72	145	1.2
6	0.70	10	11629	99.5	18	37.0	421	6169	52.8	30	1900	35	73	.6
7	1.00	51	11619	99.4	19	51.0	390	5748	49.2	31	2600	16	38	.3
8	1.40	430	11568	99.0	20	71.0	320	5358	45.8	32	3600	18	22	.1
9	1.90	811	11138	95.3	21	98.0	408	5038	43.1	33	5000	4	4	
10	2.70	1274	10327	88.4	22	140.0	365	4630	39.6	34				
11	3.70	851	9053	77.5	23	190.0	351	4265	36.5					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER BELOW JOHN MARTIN RESERVOIR, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1944	4600.0	2	4570.0	2	4490.0	2	2990.0	2	1890.0	3	1360.0	3	1230.0	3	1160.0	2	790.0	2
1945	1750.0	6	1570.0	5	1280.0	5	989.0	19	007.0	21	639.0	17	588.0	18	542.0	16	490.0	12
1946	2440.0	4	2270.0	4	1950.0	4	1520.0	4	852.0	17	612.0	21	482.0	23	470.0	20	360.0	23
1947	5060.0	1	5040.0	1	4970.0	1	3780.0	1	3260.0	1	2240.0	1	1900.0	1	1610.0	1	1150.0	1
1948	1280.0	11	1220.0	13	1080.0	19	984.0	20	967.0	10	735.0	15	721.0	10	677.0	8	634.0	8
1949	1320.0	9	1290.0	8	1230.0	9	1120.0	10	965.0	11	787.0	11	640.0	14	550.0	15	480.0	13
1950	1190.0	24	1190.0	16	1180.0	13	1110.0	11	930.0	13	795.0	10	725.0	9	634.0	11	512.0	10
1951	1220.0	20	1210.0	14	1160.0	14	984.0	21	838.0	19	737.0	13	593.0	16	460.0	21	439.0	15
1952	1230.0	18	954.0	30	899.0	29	801.0	28	663.0	26	624.0	20	576.0	19	522.0	17	414.0	16
1953	1840.0	5	1450.0	6	1190.0	11	1090.0	12	837.0	20	683.0	16	625.0	15	511.0	18	413.0	17
1954	1020.0	30	1020.0	26	1010.0	23	912.0	25	870.0	16	634.0	18	450.0	24	391.0	26	308.0	26
1955	1260.0	15	1250.0	11	1250.0	6	1240.0	5	1230.0	4	1180.0	4	1130.0	4	964.0	4	671.0	7
1956	1410.0	7	974.0	29	969.0	28	968.0	22	847.0	18	508.0	25	499.0	22	458.0	22	381.0	21
1957	1370.0	8	1320.0	7	1250.0	7	1220.0	6	1150.0	6	1060.0	5	887.0	7	684.0	7	551.0	9
1958	1220.0	21	1200.0	15	1180.0	12	1160.0	9	1000.0	9	857.0	9	744.0	8	668.0	9	465.0	14
1959	1170.0	25	1160.0	18	1140.0	16	1090.0	13	1060.0	7	979.0	8	934.0	6	839.0	6	725.0	5
1960	1230.0	19	1050.0	23	1030.0	22	991.0	18	895.0	14	630.0	19	589.0	17	455.0	23	305.0	27
1961	974.0	32	848.0	32	830.0	31	763.0	30	483.0	30	427.0	29	408.0	29	358.0	27	331.0	25
1962	1240.0	17	1020.0	27	987.0	25	917.0	24	762.0	22	592.0	22	548.0	20	554.0	14	396.0	19
1963	1100.0	26	1070.0	21	986.0	26	775.0	29	408.0	31	309.0	31	230.0	31	207.0	31	224.0	31
1964	1010.0	31	997.0	28	897.0	30	503.0	32	316.0	32	256.0	32	211.0	32	173.0	32	149.0	32
1965	3830.0	3	3470.0	3	3100.0	3	2920.0	3	2140.0	2	1790.0	2	1310.0	2	1080.0	3	754.0	3
1966	1270.0	12	1270.0	9	1230.0	10	1220.0	7	1060.0	8	987.0	7	969.0	5	899.0	5	729.0	4
1967	1260.0	13	1250.0	10	1240.0	8	1220.0	8	1160.0	5	998.0	6	709.0	12	644.0	10	682.0	6
1968	1200.0	22	1180.0	17	1140.0	17	1080.0	14	731.0	24	477.0	26	449.0	25	398.0	25	387.0	20
1969	1040.0	29	1040.0	24	996.0	24	853.0	27	744.0	23	572.0	23	540.0	21	499.0	19	364.0	22
1970	1290.0	10	1090.0	19	1080.0	18	1030.0	16	952.0	12	737.0	14	697.0	13	626.0	12	509.0	11
1971	1260.0	14	1240.0	12	1160.0	15	1040.0	15	681.0	25	434.0	28	413.0	28	426.0	24	340.0	24
1972	1250.0	16	1090.0	20	1060.0	20	878.0	26	563.0	29	440.0	27	370.0	30	355.0	28	297.0	28
1973	1070.0	28	1060.0	22	1060.0	21	1020.0	17	895.0	15	777.0	12	716.0	11	583.0	13	398.0	18
1974	1080.0	27	1030.0	25	971.0	27	967.0	23	567.0	28	407.0	30	415.0	27	339.0	29	229.0	30
1975	1200.0	23	930.0	31	698.0	32	633.0	31	572.0	27	529.0	24	418.0	26	323.0	30	244.0	29

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER BELOW JOHN MARTIN RESERVOIR, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1944	1.90	18	1.90	18	2.10	19	2.20	18	2.60	19	3.00	20	3.10	17	20.00	30	59.00	22
1945	1.20	8	1.40	7	1.40	6	1.50	6	1.70	8	2.20	9	2.70	7	2.90	6	33.00	15
1946	0.00	1	0.00	1	0.00	1	0.00	1	0.23	1	0.64	1	0.98	1	13.00	29	53.00	18
1947	0.00	2	0.00	2	0.62	2	0.83	2	1.10	2	1.60	2	1.70	2	1.80	1	28.00	14
1948	1.00	5	1.20	5	1.60	9	1.90	13	2.40	15	2.80	16	3.00	14	3.10	9	56.00	19
1949	3.00	27	3.00	26	3.00	25	3.20	25	3.40	25	3.60	22	3.80	20	4.10	17	108.00	31
1950	2.50	22	3.00	27	3.00	26	3.50	27	3.80	27	4.00	25	4.30	23	5.70	21	83.00	28

07130500 ARKANSAS RIVER BELOW JOHN MARTIN RESERVOIR, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER BELOW JOHN MARTIN RESERVOIR, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1951	4.00	30	4.00	30	4.00	30	4.00	29	4.10	29	4.30	28	4.40	24	7.70	25	65.00	25
1952	3.00	28	3.30	28	3.40	29	3.70	28	3.90	28	4.00	26	4.10	21	4.10	18	74.00	27
1953	2.00	19	2.20	20	2.20	20	2.30	19	2.40	16	2.80	17	2.80	10	3.90	15	25.00	12
1954	1.20	6	1.40	8	1.50	7	1.60	7	1.60	5	1.60	3	1.80	4	1.90	2	13.00	5
1955	1.20	7	1.30	6	1.30	4	1.40	4	1.60	6	1.90	6	4.20	22	8.60	26	13.00	6
1956	0.81	4	0.94	3	1.30	5	2.00	14	2.40	17	2.60	11	2.80	11	2.80	5	62.00	23
1957	0.61	3	1.00	4	1.20	3	1.30	3	1.50	3	1.70	4	1.70	3	2.60	4	9.40	4
1958	1.60	12	1.60	12	1.70	10	5.20	30	5.40	30	5.60	30	6.30	27	6.20	22	64.00	24
1959	4.80	32	5.20	32	5.50	32	5.80	31	6.40	31	7.00	31	7.50	28	7.30	24	98.00	30
1960	2.60	23	2.60	23	2.60	23	2.70	20	2.80	20	2.80	18	3.00	15	3.10	10	19.00	9
1961	1.80	16	1.80	16	1.80	14	1.80	10	2.20	11	2.70	14	2.90	12	3.00	7	28.00	13
1962	2.30	21	2.40	21	2.50	21	3.00	23	3.20	23	3.60	23	3.70	19	3.80	12	70.00	26
1963	2.80	25	2.80	24	2.80	24	2.90	22	3.00	22	3.30	21	3.40	18	3.80	13	23.00	10
1964	1.60	13	1.70	13	1.70	11	1.90	11	2.40	18	2.60	12	2.70	8	4.00	16	16.00	7
1965	1.50	9	1.50	9	1.50	8	1.50	5	1.60	4	4.20	27	8.00	30	11.00	27	18.00	8
1966	4.30	31	4.30	31	4.60	31	6.20	32	59.00	32	156.00	32	182.00	32	193.00	32	229.00	32
1967	3.30	29	3.30	29	3.30	28	3.40	26	3.70	26	3.90	24	7.50	29	11.00	28	58.00	20
1968	2.00	20	2.00	19	2.00	18	2.00	15	2.20	12	2.60	13	2.70	9	3.90	14	89.00	29
1969	1.60	10	1.60	10	1.70	12	1.70	8	1.70	7	1.80	5	5.20	25	5.50	20	23.00	11
1970	2.60	24	2.60	22	2.60	22	2.70	21	2.80	21	2.80	15	2.90	13	3.00	8	9.00	3
1971	3.00	26	3.00	25	3.10	27	3.20	24	3.30	24	4.60	29	10.00	31	28.00	31	58.00	21
1972	1.80	17	1.80	14	1.90	16	2.00	16	2.30	13	2.50	10	2.60	6	4.70	19	36.00	16
1973	1.70	14	1.80	15	1.80	15	1.80	9	2.00	9	2.00	7	2.10	5	2.10	3	7.30	1
1974	1.80	15	1.90	17	2.00	17	2.10	17	2.30	14	3.00	19	3.10	16	3.50	11	44.00	17
1975	1.60	11	1.60	11	1.70	13	1.90	12	2.00	10	2.10	8	5.40	26	7.10	23	7.80	2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
189	39.6	20.3	8.51	18.9	13.0	378	431	486	596	584	354
27460	2102	2661	908	7004	478	81460	90840	159200	153900	189700	82190
166	45.9	51.6	30.1	83.7	21.9	285	301	399	392	436	287
0.84	2.47	4.54	5.63	5.65	4.18	0.81	0.36	2.63	1.98	1.53	0.63
0.87	1.16	2.54	3.54	4.43	1.68	0.76	0.70	0.82	0.66	0.75	0.81
6.08	1.27	0.65	0.27	0.61	0.42	12.1	13.8	15.6	19.1	18.7	11.4

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
2.07	1.36	0.83	0.52	0.59	0.83	2.35	2.50	2.58	2.69	2.62	2.34
0.23	0.24	0.27	0.13	0.24	0.21	0.37	0.15	0.11	0.09	0.18	0.27
0.48	0.49	0.52	0.36	0.49	0.46	0.61	0.38	0.32	0.30	0.42	0.52
-0.37	-0.15	1.58	3.59	2.33	0.72	-1.91	-0.50	-0.46	-0.68	-1.41	-0.97
0.23	0.36	0.63	0.70	0.82	0.56	0.26	0.15	0.13	0.11	0.16	0.22
9.73	6.38	3.91	2.44	2.77	3.89	11.1	11.7	12.1	12.6	12.3	11.0

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
261	12560	112	1.01	0.43	0.259

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.38	0.03	0.19	-0.18	0.08	0.299

07133000 ARKANSAS RIVER AT LAMAR, COLO.

LOCATION.--Lat 38°06'24", long 102°37'04", in SE¼ sec.30, T.22 S., R.46 W., Prowers County, on left bank at downstream side of bridge on U.S. Highways 50 and 287, 1.4 mi (2.3 km) north of courthouse in Lamar.

DRAINAGE AREA.--19,780 mi² (51,230 km²), of which 950 mi² (2,460 km²) is probably noncontributing.

REMARKS.--Flow regulated by John Martin Reservoir, 21 mi (34 km) upstream, since Jan. 15, 1943. Natural flow of stream affected by transmountain diversions, storage reservoirs, power developments, ground-water withdrawals and diversions for irrigation of about 487,000 acres (1,970 km²), and return flow from irrigated areas. Statistical summaries are shown for two periods, water years 1914-42 and water years 1944-55, 1960-75.

07133000 ARKANSAS RIVER AT LAMAR, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT LAMAR, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1914	58			7		63	16	17	5	3	5	11	8	6	6	6	18	19	31	5	6	8	6	4	5	5	12	14	12	5	2	1	1		
1915	1					7	5	13	13	1	10	18	10	13	9	7	47	56	33	15	17	15	12	19	6	9	11	10	6	1		1			
1916				1		23	18	24	57	36	28	22	17	16	9	15	13	16	18	12	5	8	7	12	2	4			2	1					
1917				15		49	36	32	62	31		22	6	5	8	1	6	39	37	5	3	4	4												
1918							4	56	10	5	27	107	15	18	8	14	17	50	13	12	3	4	2												
1919						1	8	10	36	38	28	13	17	13	8	8	82	8	37	7	15	10	8	11	5	2									
1920								2	125	6	30	21	12	8	7	45	10	17	13	37	12	8	6	4		1	2								
1921							1	9	16	18	12	10	19	9	16	18	36	65	24	18	7	5	8	4	7	13	7	9	9	4	14	3	1	1	2
1922				13		36	5	17	51	52	39	21	14	15	7	12	12	16	21	19	9	3	1	2											
1923				5		91	60	33	23	9	12	11	5	3	5	6		5	1	2	2	7	8	9	17	12	13	8	7	6	3	1	1		
1924				3		32	28	5	7	15	16	10	3	2	5	2	2	10	5	12	27	33	21	68	37	14	5	2	2						
1925				2		42	70	40	55	16	7	6	3	5	6	6	21	33	12	12	2	4	3	2	2	3	3	6	2	1	1				
1926				32		24	15	26	58	40	10	15	9	7	8	9	13	28	38	18	3	7	1	2	1	1									
1927				18		23	28	45	44	17	23	26	15	25	18	12	4	8	15	8	1	4	2	4	3	1	2	3	4	9	3				
1928				1		23	73	53	68	14	9	2	5	4	4	5	14	14	20	11	5	8	5	2	2	4	9	4	3	4					
1929				2		23	41	28	34	23	19	22	17	17	8	3	7	9	35	33	23	5	2	4		2	1	3	2	1				1	
1930							8	12	95	32	10	9	9	5	8	14	14	40	34	25	22	13	10	1	3	1									
1931						32	46	31	44	12	15	7	4	9	25	12	41	8	15	22	32	2	2	3	1		1			1					
1932				27		91	63	32	42	10	8	14	32	21	13	3	3	3	1					1	2										
1933				13		47	132	40	27	2	9	25	14	8	9	5	3	3	1	4		3	2	2	6	1	2	1	4	1		1			
1934				10		19	198	36	25	9	11	11	12	17	6	2	3		1		1	1	1				1				1				
1935				51		159	57	12	9	3	6	7	8	7	1		4	3	2	10	6	3	2	4	3	3		2	2	1					
1936		2	1	1	7	6	69	41	27	17	17	40	44	12	11	15	6	7	5	4	5	6	3	3	3	1	2	3		2	4	2			
1937						6	23	56	90	41	39	18	31	21	4	7	9	1		1	5	5		3				3	1	1					
1938					6	35	90	79	28	26	16	19	6	15	8	4	5	2	2	1	5	3		4	2	3	4	2							
1939			2	4	2	16	32	53	60	44	29	33	36	15	10	15	3	10	1																
1940			4	8	2	36	139	56	42	23	6	11	8	9	7	1	2	4	3	1	1	1	1		1										
1941					10	88	31	21	9	21	23	18	12	15	9	11	5	9	12	11	12	12	14	8	7	4	1	1	1						
1942				1			2		2	10	11	10	4	5	8	18	27	20	32	27	20	29	33	19	7	16	12	16	8	13	7	4	2	1	1

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	59	10592	100.0	12	17.0	395	4362	41.2	24	1100	122	572	5.4
1	0.40	2	10533	99.4	13	25.0	325	3967	37.5	25	1500	100	450	4.2
2	0.60	7	10531	99.4	14	35.0	251	3642	34.4	26	2100	88	350	3.3
3	0.80	214	10524	99.4	15	49.0	276	3391	32.0	27	3000	87	262	2.4
4	1.10	27	10310	97.3	16	69.0	427	3115	29.4	28	4300	65	175	1.6
5	1.60	972	10283	97.1	17	97.0	503	2688	25.4	29	6000	51	110	1.0
6	2.20	1298	9311	87.9	18	140.0	462	2185	20.6	30	8400	35	59	.5
7	3.10	879	8013	75.7	19	190.0	332	1723	16.3	31	12000	13	24	.2
8	4.40	1164	7134	67.4	20	270.0	249	1391	13.1	32	17000	5	11	.1
9	6.20	574	5970	56.4	21	380.0	211	1142	10.8	33	24000	3	6	
10	8.80	475	5396	50.9	22	540.0	164	931	8.8	34	33000	3	3	
11	12.00	559	4921	46.5	23	760.0	195	767	7.2					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT LAMAR, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1914	17800.0	5	14100.0	3	7900.0	4	4090.0	6	3390.0	5	2870.0	4	2500.0	3	2170.0	3	1430.0	4
1915	12000.0	8	6870.0	9	4580.0	9	4090.0	7	2600.0	6	1940.0	6	1430.0	6	1180.0	6	985.0	5
1916	6150.0	16	4980.0	12	2940.0	13	1790.0	12	1010.0	12	515.0	14	410.0	15	311.0	15	208.0	16
1917	705.0	27	613.0	25	382.0	25	211.0	25	171.0	25	146.0	25	146.0	23	116.0	24	78.0	25
1918	602.0	28	429.0	28	255.0	28	176.0	27	153.0	26	123.0	26	111.0	26	87.0	26	67.0	26
1919	2000.0	21	1300.0	21	1230.0	20	1010.0	17	745.0	15	474.0	16	355.0	16	295.0	16	242.0	15
1920	2580.0	20	1740.0	20	753.0	21	424.0	22	393.0	22	257.0	20	214.0	20	163.0	21	114.0	21
1921	87300.0	1	49500.0	1	30200.0	1	19200.0	1	11800.0	1	7640.0	1	5680.0	1	4280.0	1	2810.0	1
1922	966.0	26	536.0	26	461.0	23	286.0	24	236.0	23	173.0	23	141.0	24	117.0	23	84.0	23
1923	19800.0	4	13500.0	4	9450.0	3	6870.0	3	4530.0	3	3110.0	3	2430.0	4	2100.0	4	1440.0	3
1924	5020.0	18	4050.0	14	3530.0	12	2670.0	11	2040.0	10	1310.0	8	1030.0	9	1000.0	7	934.0	6
1925	8980.0	11	5210.0	11	4230.0	10	3180.0	10	1970.0	11	1090.0	11	771.0	10	596.0	10	395.0	10
1926	1740.0	22	997.0	23	438.0	24	313.0	23	224.0	24	164.0	24	137.0	25	113.0	25	92.0	22
1927	9600.0	9	8130.0	7	7650.0	5	6290.0	4	4340.0	4	2390.0	5	1600.0	5	1200.0	5	789.0	7
1928	8220.0	12	6780.0	10	5580.0	8	3860.0	9	2490.0	7	1690.0	7	1140.0	8	860.0	9	579.0	9
1929	24800.0	3	12300.0	5	7130.0	6	4090.0	8	2130.0	9	1100.0	10	741.0	11	559.0	11	379.0	11
1930	1740.0	23	1240.0	22	673.0	22	574.0	21	448.0	19	248.0	21	237.0	19	215.0	20	146.0	20
1931	6980.0	13	3560.0	17	1780.0	17	983.0	18	543.0	17	328.0	18	310.0	18	254.0	19	194.0	17
1932	1470.0	24	868.0	24	374.0	26	178.0	26	91.0	28	66.0	27	47.0	27	36.0	28	28.0	28
1933	13600.0	7	8010.0	8	3590.0	11	1680.0	13	867.0	13	585.0	13	418.0	14	468.0	12	364.0	12
1934	9600.0	10	4180.0	13	1800.0	16	850.0	19	436.0	20	239.0	22	160.0	22	125.0	22	83.0	24
1935	6890.0	14	3860.0	16	1660.0	18	1310.0	14	703.0	16	511.0	15	445.0	13	362.0	14	245.0	14
1936	14400.0	6	10400.0	6	5920.0	7	4840.0	5	2450.0	8	1230.0	9	1150.0	7	969.0	8	641.0	8
1937	6800.0	15	3900.0	15	1840.0	15	1020.0	16	515.0	18	267.0	19	181.0	21	255.0	18	169.0	19
1938	3550.0	19	2320.0	19	1600.0	19	756.0	20	411.0	21	367.0	17	319.0	17	274.0	17	182.0	18
1939	155.0	29	122.0	29	117.0	29	73.0	29	44.0	29	33.0	29	32.0	29	30.0	29	23.0	29
1940	1270.0	25	519.0	27	291.0	27	166.0	28	92.0	27	48.0	28	45.0	28	44.0	27	30.0	27
1941	5170.0	17	3470.0	18	2100.0	14	1160.0	15	781.0	14	621.0	12	492.0	12	425.0	13	317.0	13
1942	33400.0	2	29600.0	2	21600.0	2	15900.0	2	11000.0	2	6740.0	2	5270.0	2	4040.0	2	2810.0	2

07133000 ARKANSAS RIVER AT LAMAR, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT LAMAR, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1915	0.00	1	0.00	1	0.00	1	0.00	1	1.00	1	6.80	19	14.00	17	28.00	19	59.00	17
1916	0.00	2	4.00	26	4.10	25	4.30	24	7.70	27	11.00	23	27.00	24	51.00	23	103.00	24
1917	1.00	6	2.00	15	2.00	17	2.00	10	2.60	15	3.80	13	40.00	26	55.00	24	77.00	21
1918	1.00	7	1.00	5	1.40	8	1.50	7	3.10	17	5.20	15	8.20	14	11.00	12	19.00	12
1919	3.00	25	3.00	23	3.30	23	3.60	22	4.70	21	6.50	18	16.00	18	26.00	16	40.00	15
1920	2.00	22	6.00	28	6.00	28	6.00	27	7.30	25	10.00	21	16.00	19	61.00	25	76.00	19
1921	4.00	28	4.00	27	4.40	26	4.60	26	7.30	26	17.00	26	19.00	22	92.00	26	113.00	25
1922	3.00	26	3.70	25	4.60	27	6.10	28	7.20	24	11.00	22	18.00	20	35.00	21	78.00	22
1923	1.00	8	1.00	6	1.40	9	1.50	8	1.60	5	1.80	3	1.90	1	3.00	5	5.90	6
1924	1.00	9	1.00	7	2.10	18	2.20	17	2.30	13	184.00	28	523.00	28	658.00	28	924.00	28
1925	1.00	10	1.70	12	1.90	11	2.10	14	2.30	14	2.70	10	2.80	8	3.00	6	19.00	13
1926	1.00	11	2.00	16	2.00	12	2.10	15	2.20	12	14.00	24	26.00	23	46.00	22	76.00	20
1927	1.00	12	1.00	8	1.00	2	1.00	2	1.00	2	1.30	1	1.90	2	6.20	10	14.00	10
1928	1.00	13	2.00	17	2.30	21	2.50	19	3.30	18	3.70	12	6.20	13	34.00	20	43.00	16
1929	1.00	14	2.00	18	2.10	19	3.00	20	4.20	19	5.40	16	12.00	16	16.00	14	65.00	18
1930	1.00	15	2.00	19	2.00	13	4.30	25	5.20	22	7.30	20	18.00	21	26.00	17	134.00	26
1931	3.00	27	3.00	24	3.40	24	3.90	23	5.20	23	14.00	25	32.00	25	27.00	18	99.00	23
1932	2.00	23	2.00	20	2.00	14	2.00	11	2.00	8	2.10	6	2.30	5	2.50	3	5.30	4
1933	1.00	16	1.00	9	1.00	3	1.00	3	1.20	4	2.00	4	2.30	6	2.60	4	3.20	3
1934	2.00	24	2.00	21	2.00	15	2.00	12	2.10	10	3.30	11	3.50	10	3.80	7	7.40	8
1935	1.00	17	1.00	10	1.00	4	1.00	4	1.10	3	2.00	5	2.00	3	2.20	1	2.40	1
1936	0.41	3	0.50	2	1.00	5	1.40	5	1.80	6	2.60	9	5.10	11	13.00	13	18.00	11
1937	1.20	18	2.10	22	2.40	22	3.00	21	4.40	20	5.70	17	6.20	12	7.50	11	14.00	9
1938	1.70	21	1.90	14	2.00	16	2.10	13	2.20	11	2.30	7	2.90	9	5.70	9	5.60	5
1939	1.20	19	1.40	11	1.40	10	2.20	16	3.00	16	5.10	14	11.00	15	19.00	15	21.00	14
1940	0.71	4	0.80	4	1.00	6	1.50	9	2.00	9	2.30	8	2.40	7	2.50	2	3.20	2
1941	0.71	5	0.70	3	1.10	7	1.40	6	1.80	7	1.80	2	2.20	4	5.10	8	6.60	7
1942	1.30	20	1.80	13	2.30	20	2.30	18	31.00	28	157.00	27	194.00	27	221.00	27	317.00	27

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
113	81.5	94.9	129	108	52.7	322.	507	921	458	665	155
143800	27210	10970	33740	29100	16950	1576000	1195000	4946000	575600	1066000	80210
379	165	105	184	171	130	1255	1093	2224	759	1032	283
4.54	2.92	1.90	3.59	3.81	4.69	5.09	3.39	4.20	2.18	2.15	3.50
3.35	2.02	1.10	1.43	1.58	2.47	3.90	2.16	2.41	1.66	1.55	1.83
3.14	2.26	2.63	3.57	2.99	1.46	8.92	14.0	25.5	12.7	18.4	4.29

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.93	1.20	1.64	1.75	1.68	1.16	1.13	1.88	2.21	2.04	2.11	1.56
0.65	0.65	0.44	0.42	0.36	0.46	0.88	0.81	0.73	0.69	0.93	0.74
0.80	0.80	0.66	0.65	0.60	0.68	0.94	0.90	0.85	0.83	0.96	0.86
1.76	0.64	-0.61	-0.45	-0.18	0.45	1.44	0.52	0.26	0.02	-0.15	-0.12
0.86	0.67	0.40	0.37	0.36	0.58	0.83	0.48	0.39	0.41	0.46	0.55
4.85	6.20	8.49	9.10	8.70	6.03	5.85	9.73	11.5	10.6	11.0	8.07

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
301	155900	395	2.29	1.31	-0.023

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.18	0.28	0.53	0.02	0.24	0.189

07133000 ARKANSAS RIVER AT LAMAR, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT LAMAR, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1944											3	76	51	47	25	25	17	6	7	10	20	8	13	5	6	15	17	3	4	1	7				
1945								1		5	16	9	35	54	60	37	30	13	6	8	7	8	17	19	31	5	4								
1946										3	3	33	47	52	41	38	43	40	17	9	9	3	4	7	2	5	4	5							
1947												4	18	30	19	8	59	71	14	7	7	13	23	25	7	4	20	5	16	2	5	8			
1948									2	2	13	18	30	60	16	12	32	33	17	12	13	19	36	31	15	5									
1949													3	11	27	50	116	30	15	16	15	14	30	25	10	1	1							1	
1950											1	9	42	23	35	47	53	43	11	5	16	15	31	16	6	10	2								
1951												10	26	40	46	42	86	28	8	9	9	9	21	20	7	4									
1952												38	76	69	25	35	42	15	6	9	15	25	10	1											
1953										2	25	45	103	32	16	35	39	5	7	4	6	4	14	10	14	1	2	1							
1954	1			1		1	2	8	5	40	54	81	39	39	29	2	2	5	2		3	3	13	14	19		1			1					
1955							1	17	77	90	18	13	11	13	9	3	3	2	2	3	1	5	1	9	67	18	2								
1960										4	29	40	34	38	44	27	57	27	15	6	3	3	6	22	10		1								
1961										14	102	83	21	19	12	33	13	10	9	5	6	11	14	10	2		1								
1962											9	49	42	17	12	24	35	61	57	5	6	6	5	25	10	1		1							
1963									8	25	37	67	35	42	23	21	40	29	12	4	1	4	2	4	10		1								
1964					3		10	31	57	111	18	24	26	25	23	6	7	2	3	1	2	2	2	4	8						1				
1965		1	4	3	24	35	23	27	25	7	10	6	11	13	11	11	11	20	14	3	12	9	10	12	17	10	6	4	9	14	1	1			1
1966							1					5	18	23	8	15	21	15	12	8	18	37	32	55	86	10	1								
1967										5	4	41	25	14	25	42	39	13	5	5	5	19	22	35	56	7		1	1	1					
1968										8	16	44	79	23	13	17	31	57	7	2	2	12	14	16	24	1									
1969							1			3	18	99	39	28	14	27	18	25	12	5	8	15	16	26	11										
1970										1	14	26	29	52	43	61	50	12	7	8	3	6	6	26	19	2									
1971										1	25	89	78	25	14	22	44	23	7	8	2	3	3	4	12	5									
1972							3	3	2	14	25	70	40	33	28	35	33	23	12	10	5	2	2	6	10	9	1								
1973											5	26	7	5	38	79	64	54	14	5	9	8	6	29	13	3									
1974					5		13	12	2	8	6	25	16	12	13	41	114	56	21	3	1			5	12										
1975							3	28	12	38	58	31	37	40	16	22	22	9	22	10	6	3	1	3	3		1								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1	10227	100.0	12	6.4	1018	7824	76.5	24	410	487	762	7.4
1	0.10	1	10226	100.0	13	9.0	879	6806	66.5	25	580	116	275	2.6
2	0.20	4	10225	100.0	14	13.0	685	5927	58.0	26	820	65	159	1.5
3	0.30	4	10221	99.9	15	18.0	817	5242	51.3	27	1200	20	94	.9
4	0.40	32	10217	99.9	16	25.0	1121	4425	43.3	28	1600	30	74	.7
5	0.60	36	10185	99.6	17	36.0	727	3304	32.3	29	2300	19	44	.4
6	0.80	57	10149	99.2	18	51.0	341	2577	25.2	30	3300	14	25	.2
7	1.10	127	10092	98.7	19	72.0	180	2236	21.9	31	4600	9	11	.1
8	1.60	190	9965	97.4	20	100.0	210	2056	20.1	32	6500	1	2	
9	2.20	381	9775	95.6	21	140.0	266	1846	18.1	33	9300	1	1	
10	3.20	509	9394	91.9	22	200.0	354	1580	15.4	34				
11	4.50	1061	8885	86.9	23	290.0	464	1226	12.0					

07133000 ARKANSAS RIVER AT LAMAR, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT LAMAR, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1944	4510.0	4	4420.0	3	4240.0	3	2680.0	2	1550.0	3	963.0	3	785.0	3	693.0	3	463.0	3
1945	943.0	17	888.0	10	784.0	6	458.0	17	361.0	15	331.0	7	260.0	10	221.0	9	202.0	7
1946	1510.0	8	1410.0	6	1120.0	5	760.0	5	428.0	9	234.0	16	168.0	18	172.0	14	123.0	15
1947	4910.0	3	4780.0	2	4660.0	2	3390.0	1	2930.0	1	1840.0	1	1470.0	1	1170.0	1	797.0	1
1948	685.0	23	555.0	21	462.0	22	390.0	22	377.0	12	300.0	10	274.0	8	229.0	8	197.0	8
1949	9260.0	2	3430.0	4	1600.0	4	814.0	4	429.0	8	267.0	13	296.0	7	244.0	7	181.0	9
1950	1010.0	13	604.0	16	599.0	13	539.0	10	374.0	13	305.0	9	266.0	9	207.0	10	158.0	10
1951	787.0	20	585.0	18	509.0	18	418.0	19	325.0	17	233.0	17	180.0	15	171.0	15	130.0	14
1952	293.0	28	257.0	28	213.0	28	196.0	27	136.0	27	112.0	26	91.0	26	72.0	26	55.0	27
1953	1260.0	10	895.0	9	562.0	15	507.0	13	337.0	16	235.0	15	169.0	17	132.0	19	113.0	18
1954	2400.0	7	987.0	8	644.0	11	533.0	11	430.0	7	297.0	11	201.0	14	153.0	16	120.0	16
1955	1130.0	11	754.0	11	647.0	10	598.0	6	586.0	4	567.0	4	537.0	4	423.0	4	290.0	6
1960	996.0	14	483.0	26	466.0	21	417.0	20	361.0	14	224.0	18	172.0	16	141.0	18	103.0	20
1961	984.0	15	505.0	22	313.0	26	278.0	26	188.0	25	120.0	25	109.0	25	96.0	23	76.0	23
1962	1400.0	9	637.0	14	440.0	25	402.0	21	293.0	20	171.0	19	157.0	19	152.0	17	118.0	17
1963	1100.0	12	476.0	27	457.0	23	343.0	24	182.0	26	110.0	27	84.0	27	67.0	27	57.0	26
1964	3840.0	5	1610.0	5	763.0	7	367.0	23	268.0	23	141.0	24	119.0	23	91.0	25	64.0	25
1965	25000.0	1	10500.0	1	5080.0	1	2640.0	3	1580.0	2	1270.0	2	1350.0	2	1050.0	2	701.0	2
1966	883.0	19	673.0	13	612.0	12	561.0	8	498.0	6	424.0	6	428.0	5	411.0	5	368.0	4
1967	3230.0	6	1260.0	7	688.0	8	562.0	7	535.0	5	504.0	5	359.0	6	323.0	6	328.0	5
1968	704.0	22	574.0	20	516.0	17	496.0	15	321.0	18	167.0	21	121.0	22	98.0	22	105.0	19
1969	492.0	27	488.0	25	448.0	24	337.0	25	272.0	22	242.0	14	232.0	12	188.0	13	134.0	12
1970	608.0	24	582.0	19	486.0	19	463.0	16	412.0	11	296.0	12	232.0	13	193.0	12	134.0	13
1971	768.0	21	617.0	15	561.0	16	499.0	14	305.0	19	170.0	20	124.0	21	116.0	21	83.0	22
1972	897.0	18	679.0	12	668.0	9	539.0	9	285.0	21	161.0	22	135.0	20	123.0	20	102.0	21
1973	600.0	25	589.0	17	563.0	14	517.0	12	420.0	10	307.0	8	258.0	11	202.0	11	146.0	11
1974	492.0	26	490.0	24	478.0	20	443.0	18	259.0	24	144.0	23	113.0	24	93.0	24	70.0	24
1975	955.0	16	500.0	23	273.0	27	174.0	28	113.0	28	87.0	28	67.0	28	66.0	28	49.0	28

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT LAMAR, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1944	1.20	8	3.20	16	4.70	18	5.00	17	5.10	14	6.20	10	10.00	11	11.00	11	14.00	11
1945	5.00	24	5.10	22	5.40	20	6.20	20	11.00	24	12.00	18	13.00	15	14.00	15	17.00	13
1946	1.20	9	2.80	10	4.00	17	4.70	16	16.00	27	20.00	26	23.00	25	26.00	24	30.00	22
1947	5.60	27	5.80	27	6.00	24	6.50	22	9.40	21	17.00	25	28.00	28	33.00	27	37.00	25
1948	2.00	12	2.30	7	3.10	9	4.50	15	5.70	15	7.20	13	12.00	14	11.00	12	21.00	16
1949	2.00	13	3.10	14	8.70	28	11.00	28	19.00	28	25.00	28	25.00	27	27.00	25	63.00	27
1950	4.40	21	4.70	20	6.00	25	6.70	23	8.90	20	13.00	19	18.00	20	21.00	20	32.00	23
1951	4.80	22	4.90	21	5.10	19	7.90	25	14.00	26	16.00	24	18.00	21	21.00	21	24.00	19
1952	5.20	25	5.20	23	5.70	23	6.40	21	7.20	18	10.00	17	17.00	19	17.00	16	23.00	17
1953	4.90	23	5.20	24	5.50	21	5.90	18	6.30	17	6.40	11	10.00	12	14.00	13	13.00	9
1954	0.00	1	0.50	3	3.00	7	3.20	5	3.80	7	3.90	5	4.40	6	4.80	6	6.30	6
1955	0.31	3	1.30	5	1.50	3	1.70	4	1.80	3	1.90	3	2.70	4	3.30	4	3.10	2
1960	6.00	28	6.50	28	7.40	27	9.10	27	11.00	22	13.00	20	16.00	17	19.00	19	28.00	21
1961	2.60	15	2.80	11	3.10	10	3.30	6	3.70	6	4.00	6	3.90	5	4.00	5	5.20	5
1962	2.80	16	3.00	12	3.20	11	3.90	10	6.10	16	14.00	21	20.00	22	28.00	26	33.00	24
1963	3.90	19	3.90	19	3.90	16	4.20	14	4.40	10	4.70	7	5.20	7	6.50	8	12.00	8
1964	1.30	10	1.40	6	1.50	4	1.60	3	1.80	4	2.10	4	2.20	3	2.20	2	3.30	3
1965	0.10	2	0.17	1	0.21	1	0.34	1	0.45	1	0.61	1	0.66	1	1.20	1	2.30	1
1966	4.00	20	5.70	26	6.40	26	7.50	24	8.00	19	15.00	23	22.00	24	53.00	28	147.00	28
1967	0.90	6	2.70	9	3.40	12	4.10	12	4.60	12	9.70	16	14.00	16	17.00	17	23.00	18
1968	3.00	17	3.00	13	3.00	8	3.40	7	4.10	8	8.60	15	20.00	23	24.00	22	58.00	26
1969	3.00	18	3.20	15	3.80	14	4.10	13	4.50	11	4.90	8	5.90	9	6.10	7	7.10	7
1970	0.87	5	3.80	18	3.90	15	8.60	26	11.00	23	14.00	22	17.00	18	19.00	18	18.00	14
1971	2.40	14	3.30	17	3.40	13	3.60	9	4.20	9	5.00	9	5.60	8	9.40	9	14.00	10
1972	1.90	11	2.50	8	2.80	5	3.40	8	3.70	5	6.40	12	6.50	10	9.50	10	15.00	12
1973	1.00	7	1.10	4	2.80	6	4.00	11	5.00	13	7.50	14	12.00	13	14.00	14	18.00	15
1974	5.60	26	5.60	25	5.70	22	5.90	19	12.00	25	21.00	27	24.00	26	26.00	23	26.00	20
1975	0.40	4	0.40	2	0.61	2	0.97	2	1.20	2	1.40	2	2.10	2	3.20	3	4.50	4

07133000 ARKANSAS RIVER AT LAMAR, COLO.--Continued

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
35.3	14.8	21.3	24.9	37.4	21.3	151	187	248	225	218	126
3429	282	280	811	8631	839	17500	28370	169500	130500	96010	28320
58.6	16.8	16.7	28.5	92.9	29.0	132	168	412	361	310	168
2.87	2.91	1.21	4.02	5.13	3.79	1.08	0.46	2.45	3.96	3.15	1.85
1.66	1.14	0.78	1.14	2.48	1.36	0.88	0.90	1.66	1.61	1.42	1.34
2.69	1.13	1.63	1.90	2.85	1.62	11.5	14.3	18.9	17.2	16.7	9.60

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.19	0.99	1.18	1.20	1.22	1.10	1.98	1.97	1.99	2.05	2.00	1.63
0.29	0.15	0.17	0.22	0.26	0.21	0.22	0.40	0.35	0.27	0.33	0.55
0.54	0.39	0.41	0.47	0.51	0.46	0.47	0.63	0.59	0.52	0.58	0.74
0.53	0.36	-0.51	-1.21	-0.03	-0.18	-0.48	-0.54	0.21	0.09	0.05	-0.20
0.45	0.40	0.35	0.39	0.42	0.41	0.24	0.32	0.30	0.25	0.29	0.46
6.45	5.34	6.36	6.50	6.59	5.96	10.7	10.6	10.8	11.1	10.8	8.81

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR.
109	9186	95.8	2.07	0.88	0.199

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.92	0.09	0.30	0.70	0.16	0.343

07134000 BIG SANDY CREEK ABOVE AMITY CANAL DIVERSION, NEAR KORNMAN, COLO.

LOCATION.--Lat 38°13'00", long 102°28'50", in SE¼SW¼ sec.16, T.21 S., R.45 W., Prowers County, just upstream from Amity Canal diversion, 7 mi (11 km) upstream from mouth, and 8 mi (13 km) northeast of Kornman.

DRAINAGE AREA.--3,130 mi^2 (8,107 km^2).

REMARKS.--Diversions for irrigation of about 900 acres (3.64 km^2) above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG SANDY C AB AMITY CA DIVERSN, NR KORNMAN, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1942	23	7	6	6	13	16	22	35	41	32	16	10	17	12	13	7	10	15	14	11	4	7	5	4	3	2	2	2	4	1	1	1	3		
1943	12	52	53	17	31	18	19	43	45	24	15	10	2	1	2	2	3	4	5	3	3	1													
1944	26	10	14	21	47	10	47	109	17	17	3	3	1	2	2	5	3	3	1	4	2	3	3	3	2	5	3								
1945	5	4	8	11	64	63	73	54	42	8	4	6	6	2	1	1	2	3	1	2	1	1	1		1		1								
1946		27	39	33	88	22	39	86	17	1		1	3		1	2	2			1			2		1										

07134000 BIG SANDY CREEK ABOVE AMITY CANAL DIVERSION, NEAR KORNMAN, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG SANDY C AB AMITY CA DIVERSN, NR KORNMAN, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	66	1826	100.0	12	4.6	29	241	13.2	24	160	7	32	1.7
1	0.10	100	1760	96.4	13	6.1	17	212	11.6	25	210	7	25	1.3
2	0.20	120	1660	90.9	14	8.2	19	195	10.7	26	280	6	18	.9
3	0.30	88	1540	84.3	15	11.0	17	176	9.6	27	370	2	12	.6
4	0.40	243	1452	79.5	16	15.0	20	159	8.7	28	500	4	10	.5
5	0.60	129	1209	66.2	17	20.0	25	139	7.6	29	670	1	6	.3
6	0.80	200	1080	59.1	18	27.0	21	114	6.2	30	910	1	5	.2
7	1.00	327	880	48.2	19	36.0	21	93	5.1	31	1200	1	4	.2
8	1.40	162	553	30.3	20	48.0	10	72	3.9	32	1600	3	3	.1
9	1.90	82	391	21.4	21	64.0	12	62	3.4	33				
10	2.50	38	309	16.9	22	86.0	11	50	2.7	34				
11	3.40	30	271	14.8	23	120.0	7	39	2.1					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG SANDY C AB AMITY CA DIVERSN, NR KORNMAN, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1942	2060.0	1	1450.0	1	862.0	1	429.0	1	220.0	1	155.0	1	105.0	1	82.0	1	91.0	1
1943	67.0	5	60.0	5	50.0	4	38.0	4	24.0	4	13.0	4	9.0	4	7.1	4	5.2	4
1944	356.0	2	319.0	2	228.0	2	150.0	2	79.0	2	67.0	2	46.0	2	35.0	2	23.0	2
1945	350.0	3	217.0	3	116.0	3	66.0	3	35.0	3	18.0	3	12.0	3	9.5	3	6.5	3
1946	170.0	4	87.0	4	38.0	5	18.0	5	8.9	5	7.3	5	4.9	5	4.3	5	3.0	5

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG SANDY C AB AMITY CA DIVERSN, NR KORNMAN, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1942	0.00	1	0.00	1	0.02	3	0.24	4	0.40	4	0.43	3	1.00	4	1.90	5	5.50	5
1943	0.00	2	0.00	2	0.00	1	0.16	3	0.24	3	1.40	5	1.60	5	1.50	4	5.10	4
1944	0.00	3	0.00	3	0.03	4	0.08	2	0.09	2	0.13	1	0.13	1	0.16	1	0.27	1
1945	0.00	4	0.00	4	0.00	2	0.00	1	0.08	1	0.13	2	0.25	2	0.45	2	0.64	2
1946	0.11	5	0.14	5	0.19	5	0.30	5	0.48	5	0.59	4	0.78	3	0.86	3	0.91	3

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
4.63	2.24	1.20	1.08	1.13	43.2	23.1	15.9	11.0	2.83	24.0	31.0
65.2	2.64	0.11	0.14	0.37	8893	929	417	266	13.4	1221	4659
8.08	1.62	0.33	0.38	0.61	94.3	30.5	20.4	16.3	3.66	34.9	68.3
2.26	1.19	0.65	1.06	0.39	2.24	0.63	0.70	1.61	1.32	1.53	2.24
1.74	0.73	0.28	0.35	0.54	2.18	1.32	1.28	1.48	1.29	1.46	2.20
2.87	1.39	0.74	0.67	0.70	26.8	14.3	9.85	6.83	1.76	14.9	19.2

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.18	0.27	0.07	0.01	0.00	0.46	0.66	0.61	0.38	0.02	0.51	0.02
0.45	0.08	0.01	0.02	0.06	1.12	1.01	0.84	0.94	0.57	1.58	1.68
0.67	0.28	0.12	0.15	0.25	1.06	1.00	0.92	0.97	0.75	1.26	1.30
1.28	0.98	0.19	0.30	0.10	2.11	0.56	0.32	0.28	0.14	-0.11	1.56
3.75	1.07	1.79	11.5	1164	2.31	1.53	1.51	2.55	31.7	2.45	76.2
5.60	8.36	2.07	0.40	0.01	14.4	20.7	19.1	12.0	0.75	16.1	0.54

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
13.6	375	19.4	2.02	1.43	-0.409

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.81	0.32	0.57	1.05	0.70	-0.419

07134100 BIG SANDY CREEK NEAR LAMAR, COLO.

LOCATION.--Lat 38°06'51", long 102°29'00", in SW¼SW¼ sec.21, T.22 S., R.45 W., Prowers County, on left bank 15 ft (5 m) upstream from State Highway 196, 950 ft (290 m) upstream from mouth, and 7.5 mi (12.1 km) east of Lamar.

DRAINAGE AREA.--3,248 mi² (8,412 km²).

REMARKS.--Natural flow of stream affected by diversions above station for irrigation and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG SANDY CREEK NEAR LAMAR, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1969								4	1	1		3		5	7	20	35	38	50	33	45	34	24	21	24	11	2	2	1		2	1	1		
1970												1	5	2	5	6	16	29	52	23	24	12	10	8	10	60	47	36	7	10	2				
1971								2			3	2	4	4	7	9	9	20	42	36	94	13	13	12	6	8	43	32	3		1		1	1	
1972							1		4	2	3	4	6	7	7	9	13	39	59	24	28	25	23	33	10	21	17	13	18						
1973						2			3	3	2	7	4	11	19	20	39	42	65	25	29	20	13	2	3	7	21	22	2	2		1		1	
1974				7	2	1	15	13	13	3	17	13	3	5	3	19	25	26	29	17	13	5	1	8	80	21	13	10	3						
1975				12	2	2	28	2	19	15	17	25	45	28	31	15	41	36	20	13	11				1					1		1			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2556	100.0	12	2.1	67	2302	90.1	24	26	134	579	22.6
1	0.10	0	2556	100.0	13	2.5	62	2235	87.4	25	33	128	445	17.4
2	0.20	0	2556	100.0	14	3.2	79	2173	85.0	26	41	143	317	12.4
3	0.30	19	2556	100.0	15	3.9	98	2094	81.9	27	50	115	174	6.8
4	0.40	4	2537	99.3	16	4.8	178	1996	78.1	28	62	34	59	2.3
5	0.50	5	2533	99.1	17	6.0	230	1818	71.1	29	77	13	25	.9
6	0.60	44	2528	98.9	18	7.4	317	1588	62.1	30	95	5	12	.4
7	0.70	21	2484	97.2	19	9.1	171	1271	49.7	31	120	3	7	.2
8	0.90	40	2463	96.4	20	11.0	244	1100	43.0	32	150	2	4	.1
9	1.10	24	2423	94.8	21	14.0	109	856	33.5	33	180	2	2	
10	1.30	42	2399	93.9	22	17.0	84	747	29.2	34				
11	1.70	55	2357	92.2	23	21.0	84	663	25.9					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG SANDY CREEK NEAR LAMAR, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1969	152.0	3	94.0	3	58.0	6	41.0	6	30.0	6	24.0	6	20.0	6	18.0	6	19.0	6
1970	113.0	5	94.0	4	84.0	2	69.0	2	68.0	1	56.0	1	52.0	1	49.0	1	44.0	1
1971	180.0	2	125.0	2	63.0	4	57.0	4	49.0	5	47.0	3	38.0	2	36.0	3	30.0	2
1972	76.0	6	72.0	5	69.0	3	68.0	3	63.0	2	44.0	4	37.0	4	37.0	2	29.0	3
1973	201.0	1	141.0	1	95.0	1	70.0	1	58.0	3	52.0	2	38.0	3	31.0	5	23.0	5
1974	66.0	7	60.0	7	58.0	5	54.0	5	49.0	4	40.0	5	36.0	5	34.0	4	27.0	4
1975	147.0	4	61.0	6	39.0	7	21.0	7	12.0	7	8.2	7	7.6	7	7.0	7	6.5	7

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG SANDY CREEK NEAR LAMAR, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1969	0.16	1	0.42	2	0.57	2	1.30	2	2.80	3	3.80	2	5.80	4	6.70	3	7.00	3
1970	0.76	5	0.75	4	1.20	3	2.20	5	4.00	6	5.10	5	5.80	5	7.10	5	10.00	5
1971	1.90	7	2.20	7	2.70	7	3.30	7	4.90	7	6.50	7	7.90	7	9.30	7	11.00	6
1972	0.82	6	1.30	6	2.30	6	2.80	6	3.90	5	5.90	6	6.50	6	8.70	6	11.00	7
1973	0.62	4	0.98	5	1.50	5	2.00	4	3.40	4	4.20	4	5.50	3	6.70	4	8.60	4
1974	0.51	3	0.67	3	1.40	4	1.80	3	2.20	2	3.90	3	4.70	2	5.10	2	6.20	2
1975	0.30	2	0.30	1	0.38	1	0.53	1	0.57	1	0.70	1	0.93	1	0.93	1	1.90	1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
7.14	22.7	23.7	21.2	26.4	27.6	26.1	15.9	8.04	7.49	4.99	8.21
11.5	228	273	169	293	227	524	164	6.40	37.5	8.02	67.3
3.39	15.1	16.5	13.0	17.1	15.1	22.9	12.8	2.53	6.12	2.83	8.20
-1.38	0.33	0.31	0.27	0.04	0.39	1.06	1.39	0.83	0.89	0.49	1.46
0.48	0.66	0.70	0.61	0.65	0.55	0.88	0.80	0.31	0.82	0.57	1.00
3.57	11.4	11.9	10.6	13.2	13.8	13.1	7.99	4.03	3.75	2.50	4.11

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.74	1.22	1.26	1.24	1.32	1.38	1.25	1.07	0.89	0.73	0.63	0.69
0.20	0.19	0.14	0.09	0.12	0.08	0.19	0.17	0.02	0.16	0.08	0.26
0.44	0.43	0.38	0.30	0.35	0.28	0.43	0.41	0.13	0.40	0.29	0.51
-2.36	-1.49	-0.49	-0.24	-0.34	-0.73	-0.36	-0.75	0.46	-0.25	-0.64	-0.32
0.60	0.35	0.30	0.24	0.26	0.20	0.35	0.38	0.15	0.55	0.46	0.74
5.96	9.86	10.1	10.0	10.6	11.1	10.1	8.59	7.15	5.90	5.04	5.59

07134100 BIG SANDY CREEK NEAR LAMAR, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
16.6	48.9	6.99	-0.35	0.42	0.175

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.17	0.06	0.25	-1.79	0.22	0.236

07135000 TWO BUTTE CREEK NEAR HOLLY, COLO.

LOCATION.--Lat 38°01'41", long 102°08'21", in SE¼SE¼ sec.21, T.23 S., R.42 W., Prowers County, 1.5 mi (2.4 km) upstream from mouth and 1.9 mi (3.1 km) southwest of Holly.

DRAINAGE AREA.--817 mi² (2,116 km²).

REMARKS.--Flow regulated by Two Butte Reservoir (capacity, 40,000 acre-ft or 49.3 hm³), from which most of the creek flow is diverted for irrigation of about 1,700 acres (6.88 km²).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TWO BUTTE CREEK NEAR HOLLY, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1943	362	1																	1									1							
1944	360							1										2					1					1				1			
1945	360		1									1							1				1							1					
1946	361																												1	1	1	1			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1443	1461	100.0	12	3.1	0	14	1.0	24	58		8	.5
1	0.10	1	18	1.2	13	3.9	0	14	1.0	25	74		8	.5
2	0.20	1	17	1.2	14	5.0	0	14	1.0	26	95		8	.5
3	0.30	0	16	1.1	15	6.4	0	14	1.0	27	120	2	8	.5
4	0.40	0	16	1.1	16	8.2	0	14	1.0	28	150	1	6	.4
5	0.60	0	16	1.1	17	10.0	2	14	1.0	29	200	2	5	.3
6	0.70	0	16	1.1	18	13.0	2	12	0.8	30	250	1	3	.2
7	0.90	1	16	1.1	19	17.0	0	10	0.7	31	320	2	2	.1
8	1.20	0	15	1.0	20	22.0	0	10	0.7	32				
9	1.50	0	15	1.0	21	28.0	0	10	0.7	33				
10	1.90	0	15	1.0	22	36.0	2	10	0.7	34				
11	2.40	1	15	1.0	23	46.0	0	8	0.5					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TWO BUTTE CREEK NEAR HOLLY, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1943	136.0	4	45.0	4	19.0	4	9.1	4	4.5	4	2.3	4	1.5	4	1.1	4	0.7	4
1944	469.0	1	170.0	2	74.0	2	35.0	2	22.0	2	11.0	2	7.3	2	5.5	2	3.6	2
1945	230.0	3	96.0	3	41.0	3	19.0	3	9.7	3	4.8	3	3.2	3	2.4	3	1.6	3
1946	323.0	2	175.0	1	75.0	1	66.0	1	33.0	1	17.0	1	11.0	1	8.3	1	5.4	1

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TWO BUTTE CREEK NEAR HOLLY, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1944	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
1945	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2
1946	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3

07135500 ARKANSAS RIVER AT HOLLY, COLO.

LOCATION.--Lat 38°02'37", long 102°07'09", in SE¼SE¼ sec.15, T.23 S., R.42 W., Prowers County, on left bank 300 ft (91 m) upstream from bridge on State Highway 89, 0.5 mi (0.8 km) upstream from Wild Horse Creek, and 0.5 (0.8 km) south of Holly.

DRAINAGE AREA.--25,073 mi² (64,939 km²), of which 1,648 mi² (4,268 km²) is probably noncontributing.

REMARKS.--Flow regulated by John Martin Reservoir since 1943. Natural flow of stream affected by transmountain diversions, storage reservoirs, power developments, ground-water withdrawals and diversions for irrigation of about 500,000 acres (2,020 km²), and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT HOLLY, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1911								15	5	1	63	79	14	15	33	13	85	8	8	6	8	4		3		2	2	1							
1912								4		2	47	11	10	11	12	7	4	28	36	20	73	58	21	7	5	2	4	2	2						
1913									3	15	24	10	46	5	19	3	43	31	38	99	14	10	3			1			1						
1914											7	4	37	8	37	54	10	17	38	45	25	7	6	7	16	8	14	10	10	3	1		1		
1915								6	1	7	6	1		5	3	2	20	36	65	51	46	27	16	20	17	12	6	11	4	2	1				
1916								8	8		33	9	16	6	12	13	39	49	65	47	26	14	8	7	2	1	1		1	1					
1918							4			2	11	5	25	54	42	36	76	37	40	22	6	5													
1919												7	22	6	21	42	31	70	62	14	15	27	10	22	6	4	3	2	1						
1920													3	28	25	37	44	24	37	28	76	24	14	13	5	5	2	1							
1921													6	7	18	35	19	16	18	94	44	19	4	10	13	17	15	5	12	9		1	1	2	
1922									11	9	22	12	11	19	12	21	27	52	52	38	49	22	4	2	1	1									
1923									6	9	17	6	6	9	28	19	57	46	37	20	7	6	8	15	14	12	15	15	7	4	1	1			
1924	1						10	17	7	4	9	6	12	10	9	11	9	13	6	5	11	56	38	54	62	8	5	3							
1925	19						1	8	7	3	4	13	17	37	33	33	25	28	42	51	9	5	5	4	6	2	3	7	3						
1926							46	18	1	2	9	3	11	10	19	16	32	55	40	41	33	19	5	3	2										
1927							54	15	12	8	17	12	22	18	21	19	23	41	21	15	10	13	8	4	8	4	4	3	10	2	1				
1928										1	3	17	9	15	38	26	72	54	35	37	18	5	5	9	5	4	6	4	2	1					
1929											1	10	36	27	36	35	26	30	21	63	50	12	7	1	2	2	2	1	1	1		1			
1930											3	10	12	22	32	18	50	28	42	54	46	29	11	5		3									
1931							3	59	18	7	5	4	1	7	19	12	16	14	23	42	58	55	12	4	1	2	1	2							
1932							2	45	16	35	27	33	24	25	20	22	29	44	16	12	6	4	4		2										
1933									22	30	60	22	20	11	16	27	37	44	17	15	12	8	4	2	6	5	3	4							
1934							35	7	2	14	26	34	35	42	18	51	60	21	9	2	1	1	2	3	1			1							
1935							4	19	15	75	51	39	17	12	28	9	10	9	13	12	13	7	5	3	11	4	2	3	4						
1936													30	81	58	45	49	23	17	11	7	4	6	10	6	3	2	6	2	2	3	1			
1937												15	21	41	48	42	85	43	24	17	9	2	3	5	3	2	1		4						
1938										2	1	8	38	86	49	34	35	31	13	10	12	9	6	11	7	7	3	1	2						
1939				5	3	3	17	19	9	7	16	16	11	20	30	19	41	53	37	44	9	5	1												
1940		3	8	3	10	5	7	27	49	71	22	18	26	19	26	25	25	5	4	6	3	3		1											
1941				3	4	5	5	6	12	10	7	12	35	53	49	19	17	8	13	16	21	14	17	19	13	3	3	1							
1942																1	4	15	26	40	46	47	30	55	22	14	17	13	16	10	5	1	3		
1943									3	7	12	29	16	2	2	4	19	57	60	32	37	33	29	12	4	2	4		1						
1944											1	6	1	7	24	28	33	83	48	32	22	13	12	31	10	5	4	6							
1945													1	1	3	13	23	113	98	38	23	39	9	3	1										
1946									2	10	9	14	13	12	10	5	61	115	67	12	5	10	8	8	4										
1947														2	2	2	33	11	89	87	44	25	14	13	9	17	5	12							
1948																1	4	51	163	43	44	39	13	4	4										
1949																	3	37	109	107	42	38	21	5	1			1				1			
1950																2	2	39	100	115	59	39	4	3	1		1								
1951														1	2	4	37	29	143	64	32	22	18	6	4	1			1				1		
1952														2	19	40	44	27	126	89	18			1											
1953														1	35	81	76	48	66	16	16	17	5	2	1		1								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
>0	0.00	20	15341	100.0	12	11.0	604	13290	86.6	24	1100	275	817	5.3
1	0.10	3	15321	99.9	13	16.0	737	12686	82.7	25	1700	153	542	3.5
2	0.20	8	15318	99.9	14	23.0	908	11949	77.9	26	2400	129	389	2.5
3	0.30	11	15310	99.8	15	34.0	926	11041	72.0	27	3600	115	260	1.6
4	0.50	17	15299	99.7	16	50.0	1435	10115	65.9	28	5300	84	145	.9
5	0.70	13	15282	99.6	17	74.0	1583	8680	56.6	29	7800	35	61	.3
6	1.00	188	15269	99.5	18	110.0	1984	7097	46.3	30	12000	12	26	.1
7	1.50	273	15081	98.3	19	160.0	1612	5113	33.3	31	17000	6	14	
8	2.20	209	14808	96.5	20	240.0	1105	3501	22.8	32	25000	6	8	
9	3.30	331	14599	95.2	21	350.0	796	2396	15.6	33	37000	2	2	
10	4.90	513	14268	93.0	22	520.0	396	1600	10.4	34				
11	7.20	465	13755	89.7	23	760.0	387	1204	7.8					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT HOLLY, CO.

YEAR	1	3	7	15	30	60	90	120	183
1911	3940.0 28	2790.0 27	1810.0 26	988.0 27	575.0 27	357.0 28	259.0 32	196.0 36	147.0 37
1912	7790.0 13	6500.0 13	3690.0 16	2030.0 16	1140.0 17	872.0 16	660.0 19	524.0 21	413.0 20
1913	7000.0 17	2520.0 28	1130.0 28	581.0 31	327.0 36	245.0 36	217.0 35	215.0 33	187.0 32
1914	26000.0 4	15700.0 3	8840.0 4	4430.0 7	3690.0 5	3190.0 3	2700.0 3	2280.0 4	1520.0 4
1915	13300.0 10	7600.0 10	6290.0 8	5220.0 6	3160.0 6	2260.0 6	1690.0 6	1440.0 5	1200.0 5
1916	8560.0 12	6130.0 14	3110.0 18	1720.0 21	937.0 24	482.0 26	345.0 27	276.0 29	212.0 31
1918	480.0 42	359.0 42	269.0 41	204.0 41	164.0 41	119.0 41	104.0 40	96.0 41	77.0 40
1919	5400.0 20	4160.0 19	3000.0 20	1990.0 17	1510.0 15	1000.0 15	747.0 15	590.0 18	467.0 14
1920	4000.0 26	2950.0 25	2300.0 23	1560.0 23	1090.0 20	703.0 23	584.0 22	451.0 22	326.0 24

07135500 ARKANSAS RIVER AT HOLLY, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT HOLLY, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1921	58000.0	1	42700.0	1	25400.0	1	16000.0	1	9870.0	2	6400.0	2	4930.0	2	3720.0	2	2470.0	2
1922	1730.0	33	1040.0	35	645.0	36	399.0	36	353.0	34	303.0	33	262.0	31	254.0	31	218.0	30
1923	18000.0	7	14000.0	4	9060.0	3	6500.0	3	4620.0	3	3170.0	4	2630.0	4	2290.0	3	1620.0	3
1924	4690.0	23	4150.0	20	3500.0	17	2740.0	14	2050.0	12	1350.0	10	1090.0	9	1100.0	9	1000.0	6
1925	7570.0	15	5760.0	15	4250.0	14	3420.0	10	2200.0	10	1260.0	11	924.0	12	728.0	12	493.0	12
1926	1270.0	37	946.0	36	643.0	37	508.0	32	363.0	33	257.0	35	220.0	34	204.0	34	169.0	34
1927	13400.0	9	9430.0	9	7650.0	5	5940.0	4	4290.0	4	2550.0	5	1720.0	5	1290.0	6	853.0	9
1928	9700.0	11	7150.0	12	5290.0	10	3650.0	9	2270.0	9	1500.0	8	1020.0	10	782.0	11	565.0	11
1929	22000.0	6	13400.0	5	7120.0	6	3980.0	8	2130.0	11	1130.0	13	766.0	14	594.0	16	401.0	21
1930	2070.0	32	1610.0	30	912.0	30	652.0	29	514.0	28	323.0	31	306.0	29	291.0	28	219.0	29
1931	4990.0	22	3420.0	24	1780.0	27	1430.0	24	894.0	25	567.0	24	486.0	24	433.0	23	397.0	22
1932	1480.0	36	603.0	38	387.0	39	265.0	39	217.0	38	140.0	39	116.0	39	98.0	40	91.0	39
1933	4400.0	25	3970.0	21	2490.0	22	1310.0	25	1030.0	22	724.0	20	518.0	23	431.0	24	356.0	23
1934	3890.0	29	1660.0	29	724.0	34	344.0	37	173.0	40	127.0	40	102.0	41	99.0	39	70.0	41
1935	6410.0	18	3820.0	22	2510.0	21	1910.0	20	1140.0	18	869.0	17	725.0	16	670.0	14	455.0	15
1936	17500.0	8	10600.0	7	6340.0	7	5390.0	5	2770.0	7	1410.0	9	1540.0	7	1280.0	7	862.0	7
1937	7770.0	14	7490.0	11	3930.0	15	1950.0	19	997.0	23	510.0	25	371.0	26	431.0	25	293.0	27
1938	7170.0	16	5010.0	16	3030.0	19	1990.0	18	1050.0	21	791.0	19	647.0	20	641.0	15	443.0	18
1939	610.0	41	476.0	40	410.0	38	297.0	38	241.0	37	184.0	37	181.0	37	163.0	37	133.0	38
1940	966.0	40	386.0	41	231.0	42	180.0	42	127.0	42	73.0	42	55.0	42	53.0	42	40.0	42
1941	3940.0	27	2920.0	26	1850.0	25	1070.0	26	785.0	26	705.0	22	631.0	21	563.0	19	450.0	17
1942	33000.0	2	28700.0	2	21100.0	2	15700.0	2	10800.0	1	6790.0	1	5380.0	1	4170.0	1	3010.0	1
1943	5430.0	19	3520.0	23	1910.0	24	1620.0	22	1090.0	19	711.0	21	687.0	18	558.0	20	429.0	19
1944	5030.0	21	5000.0	17	4640.0	12	3220.0	11	1930.0	13	1250.0	12	989.0	11	876.0	10	661.0	10
1945	1160.0	38	867.0	37	807.0	33	503.0	33	352.0	35	322.0	32	264.0	30	256.0	30	233.0	28
1946	1530.0	34	1470.0	31	1100.0	29	690.0	28	492.0	30	300.0	34	216.0	36	232.0	32	179.0	33
1947	4620.0	24	4520.0	18	4360.0	13	3190.0	12	2740.0	8	1930.0	7	1520.0	8	1220.0	8	860.0	8
1948	1500.0	35	1120.0	34	834.0	31	603.0	30	493.0	29	423.0	27	386.0	25	339.0	26	301.0	25
1949	23600.0	5	10100.0	8	4790.0	11	2450.0	15	1340.0	16	793.0	18	711.0	17	590.0	17	451.0	16
1950	2720.0	30	1200.0	33	664.0	35	484.0	35	395.0	32	338.0	30	336.0	28	318.0	27	300.0	26
1951	28800.0	3	12700.0	6	5880.0	9	2960.0	13	1610.0	14	1050.0	14	801.0	13	688.0	13	492.0	13
1952	1010.0	39	497.0	39	282.0	40	250.0	40	183.0	39	165.0	38	158.0	38	156.0	38	153.0	36
1953	2430.0	31	1430.0	32	826.0	32	494.0	34	423.0	31	343.0	29	242.0	33	198.0	35	166.0	35

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT HOLLY, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1911	0.00	1	0.00	1	0.29	3	1.40	7	5.00	12	8.00	11	8.00	8	12.00	7	26.00	6
1912	2.00	13	2.00	13	2.00	12	2.30	12	3.70	9	5.40	10	25.00	14	112.00	27	130.00	25
1913	4.00	20	4.30	21	5.00	19	5.00	17	11.00	19	37.00	25	154.00	39	167.00	38	181.00	35
1914	3.00	17	3.30	18	3.90	16	4.90	16	5.50	15	8.50	13	14.00	12	17.00	9	71.00	16
1915	2.00	14	2.00	14	2.30	13	3.20	14	5.00	13	20.00	15	53.00	23	69.00	21	115.00	20
1916	25.00	36	30.00	35	53.00	37	73.00	37	89.00	35	103.00	34	121.00	33	149.00	36	212.00	37
1917	2.00	15	2.00	15	2.30	14	2.60	13	5.20	14	32.00	23	46.00	20	42.00	15	154.00	33
1919	1.00	6	1.00	5	6.10	21	13.00	26	16.00	23	26.00	18	51.00	21	67.00	20	72.00	17
1920	10.00	26	11.00	27	12.00	28	12.00	25	26.00	27	55.00	28	81.00	28	146.00	35	140.00	27
1921	13.00	30	15.00	30	16.00	29	18.00	28	27.00	28	65.00	30	72.00	24	172.00	39	240.00	39
1922	15.00	33	15.00	31	21.00	31	27.00	31	29.00	29	36.00	24	80.00	27	112.00	28	169.00	34
1923	3.00	18	3.00	16	3.10	15	3.40	15	3.80	10	5.10	8	11.00	10	29.00	11	49.00	11
1924	14.00	31	18.00	32	21.00	32	23.00	30	32.00	31	366.00	42	780.00	42	785.00	42	993.00	42
1925	0.00	2	1.00	6	1.70	11	1.70	8	2.70	8	5.40	9	9.40	9	14.00	8	41.00	10
1926	0.00	3	0.00	2	0.00	1	1.10	4	13.00	20	72.00	31	91.00	31	118.00	30	153.00	31
1927	1.00	7	1.00	7	1.00	5	1.00	2	1.00	2	1.20	1	1.50	1	2.80	1	32.00	7
1928	1.00	8	1.00	8	1.00	6	1.10	5	2.30	6	3.10	5	7.10	7	103.00	25	116.00	21
1929	4.00	21	8.00	24	8.60	22	9.80	21	13.00	21	23.00	16	25.00	15	31.00	12	94.00	18
1930	10.00	27	10.00	26	11.00	26	11.00	24	18.00	25	29.00	21	45.00	19	41.00	14	219.00	38
1931	5.00	25	5.70	22	8.70	23	10.00	22	21.00	26	28.00	19	84.00	29	72.00	22	144.00	28
1932	1.00	9	1.00	9	1.60	9	1.80	9	1.90	5	2.60	2	3.40	3	4.30	4	14.00	3
1933	1.00	10	1.70	12	1.70	10	2.10	11	2.70	7	3.40	6	3.40	4	4.10	3	16.00	5
1934	4.00	22	4.00	20	5.00	20	6.40	20	8.30	18	28.00	20	36.00	16	45.00	16	50.00	12
1935	1.00	11	1.00	10	1.00	7	1.00	3	1.00	3	3.70	7	5.10	5	9.20	5	10.00	2
1936	1.00	12	1.00	11	1.40	8	1.90	10	3.80	11	30.00	22	43.00	18	51.00	18	62.00	14
1937	11.00	28	12.00	28	12.00	27	15.00	27	17.00	24	25.00	17	36.00	17	48.00	17	61.00	13
1938	4.00	23	5.90	23	9.30	24	10.00	23	14.00	22	15.00	14	21.00	13	34.00	13	35.00	8
1939	4.40	24	9.00	25	11.00	25	19.00	29	36.00	32	58.00	29	72.00	25	91.00	24	122.00	23
1940	0.30	5	0.37	4	0.70	4	1.40	6	1.70	4	3.00	4	3.20	2	3.80	2	3.80	1
1941	0.10	4	0.10	3	0.19	2	0.39	1	0.69	1	2.90	3	5.50	6	10.00	6	15.00	4
1942	12.00	29	13.00	29	16.00	30	28.00	32	90.00	36	252.00	41	345.00	41	390.00	41	450.00	41
1943	61.00	41	64.00	41	76.00	41	84.00	40	98.00	39	133.00	39	303.00	40	307.00	40	402.00	40
1944	3.00	19	3.00	17	4.60	18	5.70	19	6.70	17	8.30	12	13.00	11	18.00	10	41.00	9
1945	42.00	38	45.00	38	58.00	38	91.00	42	96.00	38	101.00	33	103.00	32	106.00	26	116.00	22
1946	14.00	32	20.00	33	31.00	34	62.00	35	69.00	34	80.00	32	84.00	30	89.00	23	101.00	19
1947	2.50	16	3.70	19	4.20	17	5.30	18	6.20	16	42.00	26	79.00	26	115.00	29	126.00	24
1948	49.00	40	51.00	39	60.00	39	90.00	41	120.00	42	126.00	37	128.00	35	131.00	31	144.00	29
1949	48.00	39	64.00	40	74.00	40	80.00	39	108.00	41	145.00	40	150.00	38	151.00	37	184.00	36
1950	65.00	42	75.00	42	77.00	42	79.00	38	93.00	37	125.00	36	136.00	36	137.00	33	153.00	32

07135500 ARKANSAS RIVER AT HOLLY, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER AT HOLLY, CO.

YEAR	1	3	7	14	30	60	90	120	183
1951	26.00 37	38.00 37	51.00 36	72.00 36	102.00 40	117.00 35	127.00 34	132.00 32	132.00 26
1952	21.00 34	31.00 36	50.00 35	58.00 34	63.00 33	130.00 38	142.00 37	146.00 34	151.00 30
1953	22.00 35	22.00 34	24.00 33	28.00 33	31.00 30	44.00 27	53.00 22	62.00 19	64.00 15

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
170	143	162	193	183	142	313	513	848	467	637	238
123500	33150	14440	35230	28390	16740	1061000	903400	2713000	409200	834200	99650
351	182	120	188	168	129	1030	950	1647	640	913	316
3.87	2.66	1.25	3.46	3.19	1.85	5.78	3.66	4.09	1.89	2.46	2.44
2.07	1.28	0.74	0.97	0.92	0.91	3.29	1.85	1.94	1.37	1.43	1.33
4.24	3.56	4.03	4.82	4.57	3.55	7.81	12.8	21.2	11.7	15.9	5.94

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.69	1.84	2.04	2.14	2.14	1.98	1.87	2.21	2.42	2.20	2.25	1.93
0.53	0.35	0.22	0.15	0.12	0.17	0.41	0.52	0.51	0.60	0.81	0.61
0.73	0.59	0.47	0.38	0.35	0.41	0.64	0.72	0.71	0.78	0.90	0.78
-0.10	-0.55	-1.51	-0.87	-0.56	-0.43	0.77	-0.14	-0.08	-0.63	-0.67	-0.72
0.43	0.32	0.23	0.18	0.16	0.21	0.34	0.33	0.29	0.35	0.40	0.41
6.82	7.46	8.28	8.67	8.65	8.03	7.56	8.94	9.78	8.90	9.10	7.82

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
335	115500	340	2.71	1.01	-0.022

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.37	0.13	0.37	0.01	0.15	0.097

07136000 WILD HORSE CREEK AT HOLLY, COLO.

LOCATION.--Lat 38°02'45", long 102°07'05", in SW¼SW¼ sec.14, T.23 S., R.42 W., Prowers County, at bridge on State Highway 89, 0.2 mi (0.3 km) southeast of Holly, and 0.5 mi (0.8 km) upstream from mouth.

DRAINAGE AREA.--272 mi^2 (704 km^2).

REMARKS.--Flow is largely waste water from irrigation ditches. Diversions above station for irrigation of about 60 acres (243,000 m^2).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WILD HORSE CREEK AT HOLLY, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1923	9	10	11		2	7	1	3	2	5	3	34	24	15	76	48	16	10	8	8	9	11	20	16	9	5	2	1							
1924	131					18		27	1		11	3	52	8	26	22	8	6	4	4	6	7	5	11	4	8	2	2							
1925	146							16			22	6	45	11	31	9	10	22	13	8	3	12	6	2	3										
1926	198							12				2	1	4	18	10	8	20	10	7	9	15	15	15	15	4	1	1							
1927	280							5			7	5	3	4	13	11		11	6	8	5	2		1	2		2								
1928	266							13			2	3	2	4	9	8	8	5	5	7	6	4	12		7	5									
1929	191							16			17	4	14	2	8	8	10	18	21	17	16	5	8	6	3	1									
1930	236							22			13	2	6	6	8	6	3	11	6	11	13	6	5	5	2	2	1	1							
1931	230					10		10			14	5	2	5	8	4	8	4	7	8	3	8	13	11	6	2	4	3							
1932	272							1			5	7	5	6	15	13	10	6	4	5	3	8	3	3											
1933	237							26			11	5	9	7	10	13	8	22	9	4	1		1	1		1									
1934	328							7			7	5	1		5	5	4	1		1	1														
1940	239	5	3	4	3	3	3		2	1	8	3	9	10	12	21	24	4	5	2	1	1	2		1										

07136000 WILD HORSE CREEK AT HOLLY, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WILD HORSE CREEK AT HOLLY, CO.

CLASS / YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1941	118	4	14	8	7	3	5	11	10	9	5	15	14	10	11	11	6	10	3	3	7	2	4	10	20	15	17	11	1	1					
1942	78	1	1	1	1	4	2	4	1	1	5	13	7	6	16	22	11	11	8	13	11	15	13	33	29	27	14	15	2						
1943	142	1		5	1	9	6	1	4	7	12	7	9	6	13	13	7	12	11	4	12	7	18	8	16	18	14	2							
1944	97		1	2	4	3	1	5	9	6	10	1	22	22	23	26	13	29	17	16	12	8	14	10	6	5	1	2		1					
1945	78	7	3	2	5	4	1	7	7	8	9	11	11	9	14	39	27	36	28	21	7	10	7	7	1	4	1	1							
1946	89	4	3		1	6	2	2	2	4		2	5	3	12	19	11	24	37	29	28	22	18	14	11	13	4								
1947	71	14	5	2	7	3		2	3	2	8	6	3	10	9	28	13	22	25	29	31	10	16	15	9	4	2	13	3						
1948	26	1	3	1		2	1	3	2	1	11	10	7	12	11	23	22	43	54	33	30	23	16	15	7	4	5								
1949	155		1		1	4	1	3	7	7	7	4	5	17	9	14	8	17	22	19	14	6	18	12	6	3		1	1	1		1	1		
1950	261	2	4		1	1	2				6	7	1	10	5	2	1	5	12	8	11	5	7	5	4	3		1		1					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	3878	8401	100.0	12	3.2	257	3615	43.0	24	80	161	422	5.0
1	0.10	49	4523	53.8	13	4.2	187	3358	40.0	25	110	124	261	3.1
2	0.20	49	4474	53.3	14	5.5	362	3171	37.7	26	140	70	137	1.6
3	0.30	25	4425	52.7	15	7.2	375	2809	33.4	27	180	54	67	.7
4	0.40	33	4400	52.4	16	9.5	236	2434	29.0	28	230	7	13	.1
5	0.50	77	4367	52.0	17	12.0	349	2198	26.2	29	310	4	6	
6	0.70	25	4290	51.1	18	16.0	315	1849	22.0	30	400		2	
7	0.90	196	4265	50.8	19	21.0	265	1534	18.3	31	520	1	2	
8	1.10	50	4069	48.4	20	28.0	239	1269	15.1	32	690	1	1	
9	1.50	51	4019	47.8	21	36.0	187	1030	12.3	33				
10	1.90	193	3968	47.2	22	47.0	221	843	10.0	34				
11	2.50	160	3775	44.9	23	62.0	200	622	7.4					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WILD HORSE CREEK AT HOLLY, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1923	201.0	11	154.0	9	122.0	11	86.0	10	64.0	7	51.0	8	42.0	9	38.0	7	28.0	7
1924	216.0	8	142.0	12	123.0	10	84.0	11	45.0	14	30.0	15	23.0	15	19.0	15	13.0	15
1925	108.0	20	74.0	19	49.0	20	37.0	19	25.0	18	18.0	18	15.0	18	12.0	16	7.6	18
1926	200.0	12	126.0	14	99.0	13	75.0	13	47.0	13	43.0	11	36.0	10	29.0	10	19.0	11
1927	150.0	16	90.0	17	51.0	19	26.0	20	25.0	19	13.0	19	9.1	20	7.0	20	5.4	20
1928	125.0	18	101.0	16	82.0	15	67.0	14	52.0	12	38.0	12	27.0	12	21.0	13	14.0	14
1929	129.0	17	89.0	18	68.0	17	39.0	18	27.0	17	21.0	17	16.0	16	12.0	17	9.7	16
1930	195.0	13	115.0	15	73.0	16	49.0	16	28.0	16	23.0	16	16.0	17	12.0	18	7.7	17
1931	210.0	9	157.0	8	131.0	8	89.0	9	59.0	9	37.0	13	26.0	13	20.0	14	20.0	10
1932	75.0	22	66.0	20	54.0	18	40.0	17	24.0	20	13.0	20	11.0	19	9.8	19	7.2	19
1933	119.0	19	65.0	21	35.0	21	21.0	22	13.0	22	7.5	22	5.1	22	5.0	21	3.8	22
1934	34.0	23	14.0	23	8.7	23	4.1	23	2.6	23	1.9	23	1.5	23	1.2	23	1.1	23
1940	83.0	21	40.0	22	31.0	22	24.0	21	14.0	21	8.8	21	6.5	21	4.9	22	4.6	21
1941	350.0	3	212.0	4	189.0	4	165.0	4	105.0	5	88.0	4	82.0	2	78.0	1	60.0	1
1942	292.0	6	257.0	2	205.0	2	194.0	2	115.0	3	103.0	1	88.0	1	73.0	2	55.0	2
1943	208.0	10	181.0	6	157.0	5	137.0	5	111.0	4	97.0	2	69.0	4	63.0	4	45.0	4
1944	320.0	4	165.0	7	117.0	12	78.0	12	57.0	11	51.0	9	43.0	6	36.0	8	25.0	9
1945	229.0	7	134.0	13	97.0	14	61.0	15	38.0	15	31.0	14	25.0	14	22.0	12	16.0	13
1946	157.0	15	153.0	10	140.0	6	93.0	7	58.0	10	53.0	6	42.0	7	36.0	9	28.0	8
1947	295.0	5	243.0	3	202.0	3	174.0	3	123.0	1	95.0	3	78.0	3	66.0	3	46.0	3
1948	161.0	14	147.0	11	139.0	7	93.0	8	63.0	8	52.0	7	42.0	8	39.0	6	34.0	5
1949	1590.0	1	865.0	1	421.0	1	211.0	1	115.0	2	80.0	5	61.0	5	47.0	5	32.0	6
1950	395.0	2	211.0	5	129.0	9	94.0	6	66.0	6	46.0	10	33.0	11	24.0	11	17.0	12

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WILD HORSE CREEK AT HOLLY, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1924	0.00	1	0.00	1	0.00	1	0.00	1	0.07	17	0.63	15	1.40	15	2.90	14	12.00	18
1925	0.00	2	0.00	2	0.00	2	0.00	2	0.00	1	1.80	18	2.80	17	4.00	16	6.00	11
1926	0.00	3	0.00	3	0.00	3	0.00	3	0.00	2	0.00	1	0.42	11	3.00	15	7.60	13
1927	0.00	4	0.00	4	0.00	4	0.00	4	0.00	3	0.00	2	0.18	8	1.40	10	2.80	9
1928	0.00	5	0.00	5	0.00	5	0.00	5	0.00	4	0.00	3	0.03	5	1.00	8	1.50	7
1929	0.00	6	0.00	6	0.00	6	0.00	6	0.00	5	0.00	4	2.20	16	2.50	12	8.10	15
1930	0.00	7	0.00	7	0.00	7	0.00	7	0.00	6	0.00	5	0.00	1	1.60	11	7.70	14
1931	0.00	8	0.00	8	0.00	8	0.00	8	0.00	7	0.08	12	0.46	12	5.10	17	7.40	12
1932	0.00	9	0.00	9	0.00	9	0.00	9	0.00	8	0.00	6	0.00	2	0.08	3	0.70	5
1933	0.00	10	0.00	10	0.00	10	0.00	10	0.07	18	0.07	11	0.24	10	0.56	7	2.40	8
1934	0.00	11	0.00	11	0.00	11	0.00	11	0.00	9	0.00	7	0.17	7	0.29	5	0.42	4
1935	0.00	12	0.00	12	0.00	12	0.00	12	0.00	10	0.00	8	0.12	6	0.33	6	0.31	2
1940	0.00	13	0.00	13	0.00	13	0.00	13	0.00	11	0.00	9	0.00	3	0.00	1	0.83	6

07136000 WILD HORSE CREEK AT HOLLY, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WILD HORSE CREEK AT HOLLY, CO.

YEAR	1	3	7	14	30	60	90	120	183
1941	0.00 14	0.00 14	0.00 14	0.00 14	0.01 15	0.10 13	0.19 9	0.28 4	0.31 3
1942	0.00 15	0.00 15	0.00 15	0.00 15	3.30 23	21.00 23	23.00 22	31.00 23	56.00 23
1943	0.00 16	0.00 16	0.00 16	0.12 22	1.10 21	3.70 21	25.00 23	27.00 22	36.00 22
1944	0.00 17	0.00 17	0.00 17	0.00 16	0.00 12	0.68 16	0.59 13	1.30 9	4.80 10
1945	0.00 18	0.00 18	0.00 18	0.00 17	0.00 13	1.70 17	5.70 19	6.70 19	10.00 17
1946	0.00 19	0.00 19	0.00 19	0.00 18	0.31 19	2.90 19	6.00 20	8.30 20	16.00 20
1947	0.00 20	0.00 20	0.00 20	0.00 19	0.02 16	0.34 14	0.76 14	2.60 13	9.80 16
1948	0.00 21	0.00 21	0.00 21	0.24 23	3.10 22	6.50 22	8.30 21	9.60 21	13.00 19
1949	0.00 22	0.00 22	0.00 22	0.00 20	0.46 20	3.30 20	4.90 18	5.20 18	17.00 21
1950	0.00 23	0.00 23	0.00 23	0.00 21	0.00 14	0.00 10	0.00 4	0.00 2	0.00 1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
21.3	18.6	14.6	7.52	6.00	5.27	8.61	21.7	27.5	16.8	16.3	15.6
658	534	396	213	86.7	80.9	68.3	637	755	647	437	364
25.6	23.1	19.9	14.6	9.31	9.00	8.26	25.2	27.5	25.4	20.9	19.1
1.48	2.85	2.67	3.37	2.82	3.10	0.59	1.58	0.97	2.05	1.53	1.18
1.20	1.24	1.36	1.94	1.55	1.71	0.96	1.17	1.00	1.51	1.29	1.22
11.8	10.3	8.12	4.18	3.34	2.93	4.79	12.1	15.3	9.35	9.05	8.68

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.88	0.97	0.79	0.45	0.41	0.33	0.66	0.99	1.00	0.58	0.69	0.70
0.57	0.35	0.48	0.39	0.46	0.42	0.34	0.39	0.72	1.01	0.67	0.67
0.76	0.60	0.69	0.62	0.68	0.65	0.59	0.62	0.85	1.01	0.82	0.82
-0.30	-0.62	-0.69	0.41	-0.93	-0.36	-0.37	-0.19	-0.89	-0.96	-0.20	-0.39
0.86	0.61	0.88	1.40	1.66	1.93	0.89	0.63	0.85	1.72	1.18	1.17
10.4	11.5	9.32	5.27	4.85	3.95	7.75	11.7	11.8	6.92	8.19	8.27

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
15.0	123	11.1	1.03	0.74	0.547

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.03	0.18	0.42	-1.11	0.41	0.528

07137500 ARKANSAS RIVER NEAR COOLIDGE, KANS.

LOCATION.--Lat 38°01'34", long 102°00'41", in NE¼NW¼ sec.26, T.23 S., R.43 W., Hamilton County, on right bank at downstream side of bridge, 1.0 mi (1.6 km) south of Coolidge, and 1.9 mi (3.1 km) downstream from Colorado-Kansas State line.

DRAINAGE AREA.--25,410 mi² (65,812 km²), of which 1,708 mi² (4,424 km²) is probably noncontributing.

REMARKS.--Flow regulated by John Martin Reservoir. Natural flow of stream affected by transmountain diversions, storage reservoirs, power developments, ground-water withdrawals and diversions for irrigation of about 500,000 acres (2,020 km²), and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER NEAR COOLIDGE, KANS.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1951																3	26	68	149	60	23	17	6	8		3			1		1				
1952											8	10	8	7	8	47	16	47	155	55	4			1											
1953					3	4		1	2	19	9	3	1	12	16	73	69	83	32	15	14	5	1	2		1									
1954	14	2	1	8	2	4	5	4	9	13	2	17	20	25	10	29	72	71	8	21	20	2	2		2	1	1								
1955										18	4	6	5	31	60	95	18	18	8	8	76	11	4	1			2								
1956					1	2	4	4	17	4	9	14	9	12	14	43	124	37	11	22	33	4			1		1								
1957								4	19	7	1	2	13	5	57	89	24	17	16	26	41	31	8	1	2		2								
1958																4	26	182	58	41	38	8	3	2	3										
1959																1	12	95	104	43	89	14	4	2	1										
1960	11	1	3		12	22	5	3	4	2	1	1	5	6	7	8	41	137	43	48	4	2													

07137500 ARKANSAS RIVER NEAR COOLIDGE, KANS.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER NEAR COOLIDGE, KANS.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
YEAR													NUMBER OF DAYS IN CLASS																					
1961							7	6	7	15	6	4	9	13	8	49	68	103	30	26	8	3	1		1	1								
1962								1	7	6	5	6	7	11	8	9	33	117	75	42	27	8	1	1		1								
1963					2	1	2	7	19	33	18	14	17	33	29	26	43	67	32	6	14	1	1											
1964		3	7	2	3	5	17	24	12	13	24	11	27	40	49	70	23	6	10	10	4	3		1				1	1					
1965								7	12	33	24	3	32	92	39	6	4	3	1	5	25	24	11	9	13	12	5	2					1	2
1966																		17	62	101	100	73	11	1										
1967																1	47	100	48	55	68	40	2	3	1									
1968											1	5	6	16	17	16	64	114	49	30	34	13	1											
1969											1	6	4	4	18	22	66	123	36	39	32	7	3	2	2									
1970											1	4	5	5	7	20	34	119	89	33	43	5												
1971											2	3	9	21	14	40	28	109	95	14	20	9	1											
1972										1	6	7	9	6	17	42	70	113	52	11	24	6			1	1								
1973											3	8	8	23	21	39	50	93	53	26	34	6	1											
1974							17	31	34	8	2	6	8	14	19	18	61	119	10	3	13	2												
1975								1	9	33	55	50	53	60	40	21	14	9	10	2	1	3	2	1	1									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	25	9131	100.0	12	13.0	251	8151	89.3	24	1700	28	68	.7
1	0.10	6	9106	99.7	13	19.0	435	7900	86.5	25	2500	20	40	.4
2	0.20	11	9100	99.7	14	29.0	457	7465	81.8	26	3800	11	20	.2
3	0.30	10	9089	99.5	15	43.0	770	7008	76.7	27	5700	3	9	
4	0.50	11	9079	99.4	16	65.0	1000	6238	68.3	28	8500	2	6	
5	0.70	28	9068	99.3	17	98.0	1871	5238	57.4	29	13000		4	
6	1.10	74	9040	99.0	18	150.0	1330	3367	36.9	30	19000	1	4	
7	1.70	95	8966	98.2	19	220.0	737	2037	22.3	31	29000		3	
8	2.50	150	8871	97.2	20	330.0	833	1300	14.2	32	43000	1	3	
9	3.80	207	8721	95.5	21	500.0	299	467	5.1	33	65000	2	2	
10	5.70	183	8514	93.2	22	740.0	65	168	1.8	34				
11	8.50	180	8331	91.2	23	1100.0	35	103	1.1					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER NEAR COOLIDGE, KANS.

YEAR	1		3		7		15		30		60		90		120		183	
1951	28900.0	2	14000.0	2	6400.0	2	3190.0	2	1780.0	2	1210.0	2	923.0	2	790.0	2	567.0	2
1952	1340.0	17	663.0	20	380.0	24	291.0	25	258.0	23	222.0	22	207.0	21	203.0	17	194.0	14
1953	2710.0	9	1440.0	12	738.0	15	451.0	21	430.0	12	317.0	16	217.0	18	181.0	21	155.0	22
1954	4280.0	6	2320.0	6	1170.0	6	985.0	5	730.0	4	448.0	9	300.0	13	233.0	15	181.0	17
1955	5310.0	4	3470.0	4	1780.0	5	948.0	6	532.0	8	477.0	6	464.0	5	433.0	5	333.0	7
1956	4230.0	7	1730.0	9	968.0	9	663.0	8	365.0	18	300.0	17	220.0	17	180.0	22	180.0	18
1957	5050.0	5	3460.0	5	1920.0	4	1030.0	4	715.0	5	574.0	3	499.0	3	505.0	3	388.0	5
1958	2380.0	13	1590.0	10	997.0	8	607.0	9	406.0	15	382.0	10	332.0	8	323.0	8	282.0	8
1959	2270.0	14	1270.0	15	722.0	16	503.0	15	484.0	9	460.0	8	426.0	7	388.0	7	351.0	6
1960	829.0	21	734.0	18	566.0	18	454.0	19	411.0	14	343.0	13	320.0	11	298.0	9	250.0	10
1961	2630.0	11	1810.0	8	1030.0	7	569.0	12	347.0	20	244.0	19	211.0	19	184.0	19	161.0	21
1962	2650.0	10	1490.0	11	829.0	12	517.0	14	469.0	10	340.0	14	296.0	14	275.0	11	227.0	11
1963	986.0	19	522.0	24	371.0	25	300.0	24	195.0	25	171.0	25	152.0	24	141.0	24	117.0	24
1964	11900.0	3	6630.0	3	3170.0	3	1600.0	3	887.0	3	463.0	7	323.0	10	254.0	14	186.0	15
1965	101000.0	1	72000.0	1	32600.0	1	16400.0	1	8630.0	1	4840.0	1	3960.0	1	3030.0	1	2000.0	1
1966	1140.0	18	829.0	17	755.0	14	677.0	7	618.0	6	488.0	5	491.0	4	482.0	4	458.0	3
1967	1930.0	16	1350.0	14	811.0	13	590.0	10	533.0	7	512.0	4	435.0	6	428.0	6	413.0	4
1968	810.0	22	695.0	19	544.0	19	500.0	16	351.0	19	236.0	20	207.0	22	184.0	20	179.0	19
1969	2400.0	12	1410.0	13	833.0	11	562.0	13	388.0	16	353.0	12	329.0	9	278.0	10	264.0	9
1970	644.0	24	502.0	25	488.0	21	472.0	17	439.0	11	354.0	11	284.0	15	264.0	13	218.0	12
1971	786.0	23	550.0	21	485.0	22	464.0	18	327.0	21	233.0	21	210.0	20	192.0	18	176.0	20
1972	3140.0	8	1860.0	7	933.0	10	584.0	11	374.0	17	252.0	18	233.0	16	209.0	16	186.0	16
1973	867.0	20	544.0	22	509.0	20	452.0	20	419.0	13	318.0	15	304.0	12	268.0	12	218.0	13
1974	625.0	25	538.0	23	448.0	23	444.0	22	284.0	22	204.0	23	176.0	23	154.0	23	132.0	23
1975	2220.0	15	1050.0	16	672.0	17	369.0	23	244.0	24	182.0	24	146.0	25	113.0	25	87.0	25

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER NEAR COOLIDGE, KANS.

YEAR	1		3		7		14		30		60		90		120		183	
1952	52.00	23	60.00	23	81.00	23	85.00	22	102.00	20	178.00	24	180.00	23	180.00	23	190.00	22
1953	6.00	13	7.00	14	8.70	14	9.70	11	13.00	9	36.00	11	63.00	12	68.00	12	71.00	9
1954	0.60	6	0.70	5	2.50	7	3.30	7	4.40	6	14.00	7	34.00	8	51.00	8	69.00	8
1955	0.00	1	0.00	1	0.00	1	0.00	1	0.21	1	8.30	5	18.00	5	35.00	6	41.00	5
1956	4.00	11	4.10	10	4.60	11	4.60	9	15.00	11	70.00	15	71.00	13	73.00	13	87.00	14
1957	0.51	4	1.10	6	1.30	4	2.50	6	2.90	5	5.00	4	13.00	4	20.00	3	30.00	3
1958	38.00	20	40.00	20	44.00	20	46.00	20	104.00	21	109.00	20	113.00	17	120.00	17	142.00	19
1959	45.00	22	54.00	22	98.00	24	104.00	23	114.00	23	142.00	22	142.00	21	146.00	21	172.00	21
1960	40.00	21	43.00	21	61.00	21	109.00	24	129.00	24	145.00	23	154.00	22	158.00	22	205.00	23
1961	0.00	2	0.00	2	0.00	2	0.04	2	0.51	2	1.10	1	5.10	3	20.00	4	41.00	6
1962	3.40	9	3.50	9	4.20	9	9.90	12	30.00	15	85.00	16	112.00	16	124.00	18	130.00	15
1963	2.40	8	2.60	8	2.90	8	4.00	8	13.00	10	14.00	6	19.00	6	37.00	7	63.00	7
1964	0.51	5	0.67	4	1.40	5	2.20	5	5.90	8	21.00	8	27.00	7	31.00	5	35.00	4
1965	0.10	3	0.10	3	0.19	3	0.26	3	0.73	3	1.30	2	2.00	1	4.30	2	9.60	2

07137500 ARKANSAS RIVER NEAR COOLIDGE, KANS.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ARKANSAS RIVER NEAR COOLIDGE, KANS.

YEAR	1		3		7		14		30		60		90		120		183	
1966	4.00	10	4.20	11	4.40	10	4.90	10	5.50	7	37.00	12	224.00	24	243.00	24	310.00	24
1967	60.00	24	65.00	24	70.00	22	81.00	21	90.00	19	103.00	18	115.00	18	113.00	16	131.00	16
1968	9.20	18	12.00	18	13.00	17	24.00	16	57.00	17	88.00	17	105.00	15	111.00	15	152.00	20
1969	6.80	16	9.00	16	12.00	15	15.00	14	21.00	12	34.00	9	50.00	9	62.00	10	78.00	11
1970	26.00	19	31.00	19	33.00	19	45.00	19	106.00	22	119.00	21	122.00	19	132.00	19	141.00	18
1971	7.80	17	8.60	15	13.00	18	25.00	17	78.00	18	104.00	19	130.00	20	134.00	20	137.00	17
1972	6.70	15	11.00	17	12.00	16	15.00	15	24.00	13	36.00	10	50.00	10	61.00	9	84.00	12
1973	5.30	12	5.70	12	6.60	12	28.00	18	42.00	16	56.00	13	61.00	11	68.00	11	77.00	10
1974	6.20	14	6.70	13	8.50	13	12.00	13	27.00	14	58.00	14	74.00	14	76.00	14	85.00	13
1975	1.10	7	1.20	7	1.70	6	1.90	4	2.20	4	2.60	3	2.90	2	3.70	1	4.70	1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
121	103	112	111	135	113	196	303	543	235	315	193
10640	3695	3550	3033	11650	5434	13190	117100	2583000	26900	154700	58100
103	60.8	59.6	55.1	108	73.7	115	342	1607	164	393	241
0.34	0.29	0.38	0.76	3.50	1.84	0.61	2.69	4.92	1.16	3.33	2.22
0.85	0.59	0.53	0.50	0.80	0.65	0.58	1.13	2.96	0.70	1.25	1.25
4.87	4.14	4.51	4.48	5.45	4.55	7.92	12.2	21.9	9.48	12.7	7.80

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.79	1.90	1.96	1.98	2.04	1.98	2.20	2.22	2.26	2.21	2.14	1.84
0.39	0.14	0.12	0.08	0.09	0.07	0.11	0.30	0.34	0.23	0.57	0.67
0.62	0.37	0.34	0.29	0.29	0.27	0.34	0.54	0.58	0.48	0.76	0.82
-0.72	-1.38	-1.64	-1.57	-0.51	-0.07	-1.17	-0.54	-0.10	-1.93	-1.33	-0.96
0.35	0.20	0.18	0.15	0.14	0.13	0.15	0.24	0.26	0.22	0.35	0.44
7.32	7.75	7.99	8.06	8.32	8.06	8.96	9.06	9.21	9.04	8.73	7.51

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
207	34330	185	3.70	0.90	0.153

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.23	0.07	0.26	0.89	0.11	0.333

RIO GRANDE BASIN

RIO GRANDE BASIN

08213500 RIO GRANDE AT THIRTYMILE BRIDGE, NEAR CREEDE, COLO.

LOCATION.--Lat 37°43'29", long 107°15'18", in NE¼ sec.13, T.40 N., R.4 W., Hinsdale County, on right bank 70 ft (21 m) downstream from bridge, 500 ft (150 m) upstream from Squaw Creek, 0.8 mi (1.3 km) downstream from Rio Grande Reservoir, and 20 mi (32 km) southwest of Creede.

DRAINAGE AREA.--163 mi^2 (422 km^2).

REMARKS.--Flow regulated by Rio Grande Reservoir (capacity, 51,110 acre-ft or 63.0 hm^3) since 1912. Natural flow of stream affected by transmountain diversions from Colorado River Basin to drainage area above station through Raber-Lohr and Fuchs ditches. No known diversions above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE AT THIRTYMILE BRIDGE, NR CREEDE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1913										2	10	130	14	5	1	6	1	1	6	2	15	31	10	20	37	12	30	22	7	3					
1914											18	149				1			2	3	6	30	21	4	34	14	10	21	37	4	10	1			
1915												6		1		149	16	13	4	19	2	44		1	4	21	28	16	28	8	5				
1916										59	15	8				3	4	3	7	26	39	44	17	13	15	22	39	41	11						
1917												23	74	18	5	2	31	1		10	6	13	11	15	35	41	17	20	14	4	6	16	3		
1918								16		2			31	111	13				1	2	4	36	26	18	27	23	25	19	11						
1919										18	15	42	110	2	1	2	1	3	2		4	27	14	18	15	19	23	13	23	9	4				
1920												176	1					1	3	14	11	10	19	13	20	14	8	22	25	24	5				
1921														150					1		4	52	8	25	14	19	31	20	17	12	4	3	5		
1923											6			1	121	52	14			21	32			14	2	12	15	34	36	5					
1927													30		158	1	1	27	2	1	1	3	3	16	15	37	15	21	18	7	3	2	2	2	
1928																		153	5	12	15	4	6	5	25	51	27	33	28	2					
1929																		1	180	22	15	5	8	5	13	35	22	29	17	7	5	1			
1930												9		158	3		2	1		1	7	14	17	9	19	39	41	24	15	6					
1931											165							1	9	30	26	33	24	20	15	16	12	9	5						
1932											145							3	13	12	29	20	15	9	10	25	30	29	14	9	3				
1933												152				2	3	1	6	21	25	21	20	12	18	26	19	25	10	4					
1934											59	42	9		1		23	4	24	31	55	33	20	7	16	6	14	18	3						
1935								30		74		1	1		3	6	4	48	14	32	13	11	16	19	7	17	40	11	15		3				
1936										1			95	45		4		14	15	17	9	18	41	17	7	15	12	33	22	1					
1937										123	69					4	5		7	14	10	1	12	4	11	33	34	33	5						
1938					122			13		1	5	1	4	6	3	17	5	13	17	28	8	4	14	6	6	15	17	17	21	10	8	4			
1939														8	8	99	76		2	12	15	28	16	8	3	9	19	30	27	5					
1940											123					5		10	39	60	34	7	19	11	15	11	16	7	4	5					
1941											142	1	1	5	6	5	3	16	3	19	10	16	11	11	10	24	6	33	12	18	4	9			
1942															1	2	2	10	70	84	10	14	16	19	18	31	8	22	26	15	17				
1943								1		1	138			1		1	1	7	8	4	14	18	24	36	32	18	15	29	10	7					
1944											164				1	10	2		9	11	49	12	4	1	2	8	22	23	18	18	10	2			
1945											139	36	4				1		3	24	22	22	8	12	18	12	7	21	27	9					
1946									148	3				1					2	26	26	28	26	14	32	13	9	16	9	11	1				
1947									127	1				1			1	4	7	25	24	13	15	34	27	12	4	15	36	19					
1948											12	181					4	7	3	14	16	13	9	3	1	8	12	22	30	7	10	14			
1949												2	162			6		1	7	24	27	8	6	5	6	17	27	31	12	9	11	3	1		
1950														88	70	1	5	14	19	27	17	23	9	10	11	5	19	27	20						
1951									100	29	4	1		1		6	15	33	24	25	21	19	24	10	12	9	5	16	6	5					
1952				142	3			1	1		1		1			1	2	10	33	10	9	16	10	2	3	15	35	22	26	22	1				
1953													137			1	3	14	37	31	29	13	40	14	10	4	1	4	11	14	2				
1954								38	10	21	31	38	6		2	2		18	17	3	21	16	33	23	27	17	23	11	2	6					
1955									140								2	8	6	31	26	28	40	23	12	5	14	15	8	7					
1956									132		2					2	1	41	34	28	14	21	21	13	9	9	7	7	22	3					
1957									136					1		4	14	42	3	1	9	11	16	16	15	12	21	26	21	7	9	1			
1958																	127		20	13	23	60	7	10	3	3	18	17	41	18	4	1			
1959									155	1						1		2	18	59	31	21	14	7	15	6	11	8	9	7					
1960							8	1	1	163	7	1							6	37	21	8	12	10	6	6	21	13	40	5					
1961		3	1	3	2				20		90	47				1		1	6	12	16	45	47	6	12	6	7	8	7	19	6				
1962										1				30	144	6	2	5	5	8	17	20	15	4	4	9	27	21	32	14	1				
1963											45	90				1	1	6	9	20	45	48	36	10	15	10	4	7	11	5	2				
1964									8	63	60	9				1	1	3	10	60	38	24	34	6	10	5	6	11	10	7					
1965									15	63	59		24			4	2	2	18	25	2	2	9	12	20	22	24	16	26	15	5				
1966																	143	14	6	22	22	14	22	21	16	5	8	17	51	4					
1967												92	54				1	4	21	26	54	26	20	11	7	8	10	15	12	4					
1968										27	93	41	15		7			11	12	12	13	1	23	23	20	10	4	18	24	10	2				
1969													2	122	33	17	2	4	6	17	19	25	13	3	7	19	13	25	18	19	1				
1970													3	17	186	13	5	5	2	1	2	9	26	1	3	6	16	42	26	2					
1971												1				6	173		1	2	41	32	13	14	10	16	7	17	12	18	2				
1972										2	11	12	132	14				2	13	27	41	16	16	13	11	4	13	19	9	9	2				
1973												3	133	51	5	3		1	3	2	10	21	29	10	3	4	3	38	22	15	9				
1974														22	125	22	5	19	26	31	24	17	10	11	7	7	6	10	15	8					
1975											112	62				1			31		23	4	10	17	11	2	7	27	37	21					

08213500 RIO GRANDE AT THIRTYMILE BRIDGE, NEAR CREEDE, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE AT THIRTYMILE BRIDGE, NEAR CREEDE, CO

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	21549	100.0	12	4.6	1043	16421	76.2	24	210	808	5745	26.6
1	0.10	3	21549	100.0	13	6.4	859	15378	71.4	25	300	899	4937	22.9
2	0.20	1	21546	100.0	14	8.8	897	14519	67.4	26	410	984	4038	18.7
3	0.30	3	21545	100.0	15	12.0	470	13622	63.2	27	560	1216	3054	14.1
4	0.40	144	21542	100.0	16	17.0	704	13152	61.0	28	770	1111	1838	8.5
5	0.50	125	21398	99.3	17	23.0	602	12448	57.8	29	1100	502	727	3.3
6	0.70	8	21273	98.7	18	32.0	857	11846	55.0	30	1500	155	225	1.0
7	0.90	100	21265	98.7	19	43.0	1151	10989	51.0	31	2000	57	70	.3
8	1.30	993	21165	98.2	20	60.0	1171	9838	45.7	32	2800	11	13	
9	1.80	655	20172	93.6	21	82.0	1173	8667	40.2	33	3800	2	2	
10	2.40	1740	19517	90.6	22	110.0	1025	7494	34.8	34				
11	3.40	1356	17777	82.5	23	160.0	724	6469	30.0					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE AT THIRTYMILE BRIDGE, NR CREEDE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1913	1210.0	45	1210.0	43	840.0	55	705.0	56	629.0	57	545.0	54	516.0	44	449.0	43	327.0	43
1914	2100.0	10	1980.0	8	1660.0	13	1290.0	18	1200.0	14	1000.0	12	851.0	13	690.0	14	471.0	17
1915	1680.0	18	1620.0	18	1540.0	16	1360.0	14	1100.0	20	928.0	20	763.0	21	633.0	20	422.0	25
1916	918.0	58	885.0	58	793.0	57	745.0	55	674.0	55	643.0	44	548.0	42	509.0	35	368.0	36
1917	3000.0	3	2870.0	3	2770.0	3	2730.0	1	2280.0	1	1390.0	1	1040.0	2	840.0	3	568.0	4
1918	1080.0	54	1070.0	53	1030.0	52	881.0	50	745.0	51	598.0	48	481.0	47	415.0	46	292.0	46
1919	1640.0	22	1640.0	17	1470.0	19	1130.0	30	812.0	43	733.0	35	653.0	31	568.0	28	401.0	27
1920	1860.0	15	1780.0	15	1640.0	14	1430.0	12	1330.0	10	1090.0	8	921.0	6	757.0	8	520.0	7
1921	3470.0	2	3400.0	2	3080.0	1	2250.0	2	1730.0	3	1240.0	3	972.0	4	822.0	4	583.0	3
1923	1210.0	46	1170.0	44	1130.0	40	1020.0	40	884.0	38	778.0	33	623.0	35	586.0	25	405.0	26
1927	5720.0	1	4140.0	1	3080.0	2	1990.0	4	1300.0	11	980.0	14	838.0	14	688.0	15	511.0	10
1928	1140.0	50	1100.0	52	1080.0	46	1010.0	42	923.0	34	789.0	31	680.0	28	587.0	24	434.0	22
1929	2010.0	11	1910.0	11	1690.0	12	1180.0	27	1090.0	21	896.0	21	718.0	24	609.0	23	463.0	19
1930	1250.0	42	1170.0	45	1060.0	50	983.0	43	861.0	40	722.0	36	606.0	36	520.0	34	374.0	34
1931	1030.0	55	1000.0	55	837.0	56	650.0	58	576.0	59	429.0	59	335.0	58	274.0	58	198.0	59
1932	1660.0	20	1590.0	21	1360.0	26	1230.0	23	979.0	32	822.0	29	694.0	27	573.0	27	432.0	23
1933	1320.0	39	1300.0	38	1130.0	41	942.0	45	787.0	48	677.0	40	563.0	40	461.0	40	331.0	41
1934	826.0	59	796.0	59	729.0	59	593.0	59	577.0	58	449.0	58	330.0	59	261.0	59	203.0	58
1935	1610.0	23	1580.0	22	1120.0	42	940.0	46	797.0	46	638.0	45	507.0	45	444.0	44	328.0	42
1936	1100.0	53	1010.0	54	979.0	53	908.0	48	823.0	42	722.0	37	624.0	34	505.0	37	367.0	37
1937	964.0	57	905.0	57	788.0	58	681.0	57	639.0	56	571.0	51	517.0	43	459.0	41	334.0	39
1938	2640.0	5	2280.0	7	1880.0	7	1580.0	9	1450.0	7	1100.0	7	884.0	11	694.0	13	470.0	18
1939	1130.0	52	1110.0	51	1080.0	47	1040.0	37	982.0	31	804.0	30	702.0	25	555.0	30	388.0	29
1940	1310.0	40	1230.0	40	1150.0	38	869.0	51	686.0	54	494.0	57	368.0	57	291.0	57	212.0	57
1941	2480.0	7	2350.0	6	2270.0	4	1990.0	5	1590.0	4	1150.0	5	954.0	5	790.0	5	547.0	5
1942	1920.0	13	1820.0	14	1790.0	9	1660.0	8	1530.0	5	1210.0	4	1010.0	3	841.0	2	590.0	2
1943	1360.0	37	1310.0	37	1120.0	43	886.0	49	760.0	49	676.0	41	591.0	37	494.0	38	382.0	30
1944	2150.0	9	1970.0	9	1760.0	10	1690.0	7	1370.0	8	1080.0	9	910.0	9	763.0	7	510.0	11
1945	1470.0	31	1350.0	34	1130.0	39	1090.0	32	1020.0	27	855.0	28	678.0	29	545.0	31	373.0	35
1946	1500.0	30	1480.0	26	1410.0	22	1250.0	21	898.0	36	688.0	38	570.0	38	467.0	39	333.0	40
1947	1370.0	36	1350.0	35	1200.0	32	1130.0	28	1040.0	25	976.0	15	798.0	17	654.0	19	481.0	16
1948	2500.0	6	2400.0	5	2230.0	5	2120.0	3	1840.0	2	1390.0	2	1150.0	1	922.0	1	618.0	1
1949	2930.0	4	2480.0	4	2150.0	6	1900.0	6	1520.0	6	1110.0	6	895.0	10	734.0	9	519.0	8
1950	987.0	56	933.0	56	909.0	54	805.0	54	701.0	52	679.0	39	569.0	39	454.0	42	314.0	44
1951	1380.0	35	1320.0	36	1160.0	36	937.0	47	791.0	47	531.0	55	393.0	56	314.0	56	222.0	56
1952	1580.0	24	1410.0	31	1310.0	28	1220.0	24	1200.0	15	943.0	18	811.0	15	721.0	12	517.0	9
1953	1800.0	16	1610.0	19	1370.0	24	1270.0	19	1090.0	22	648.0	43	486.0	46	388.0	47	267.0	48
1954	1260.0	41	1230.0	41	1160.0	37	868.0	52	695.0	53	528.0	56	432.0	52	373.0	51	279.0	47
1955	1460.0	32	1420.0	29	1170.0	34	1020.0	41	808.0	44	613.0	47	457.0	50	374.0	50	266.0	49
1956	1220.0	44	1160.0	47	1070.0	48	1030.0	38	913.0	35	636.0	46	472.0	49	377.0	48	261.0	50
1957	2010.0	12	1950.0	10	1830.0	8	1480.0	11	1160.0	18	974.0	16	803.0	16	669.0	17	484.0	15
1958	2170.0	8	1880.0	12	1520.0	18	1330.0	15	1250.0	13	1040.0	11	916.0	7	768.0	6	531.0	6
1959	1240.0	43	1230.0	42	1160.0	35	1080.0	35	804.0	45	566.0	53	414.0	55	333.0	55	234.0	55
1960	1140.0	51	1130.0	50	1090.0	45	1030.0	39	999.0	30	887.0	22	733.0	23	585.0	26	398.0	28
1961	1660.0	21	1600.0	20	1530.0	17	1370.0	13	1290.0	12	874.0	24	639.0	33	507.0	36	360.0	38
1962	1670.0	19	1410.0	30	1190.0	33	1130.0	29	1090.0	23	932.0	19	796.0	18	666.0	18	451.0	20
1963	1560.0	25	1450.0	27	1230.0	31	1090.0	33	871.0	39	567.0	52	423.0	54	341.0	54	254.0	51
1964	1410.0	33	1360.0	32	1320.0	27	1090.0	34	891.0	37	579.0	50	427.0	53	343.0	53	242.0	54
1965	1720.0	17	1670.0	16	1580.0	15	1310.0	17	1100.0	19	951.0	17	795.0	19	683.0	16	490.0	14
1966	1180.0	49	1140.0	48	1070.0	49	1060.0	36	1010.0	28	887.0	23	782.0	20	625.0	21	428.0	24
1967	1190.0	47	1170.0	46	1110.0	44	857.0	53	760.0	50	591.0	49	435.0	51	352.0	52	253.0	53
1968	1510.0	28	1500.0	24	1440.0	20	1210.0	25	1020.0	26	866.0	27	653.0	32	527.0	33	377.0	32
1969	1500.0	29	1440.0	28	1360.0	25	1320.0	16	1170.0	16	870.0	26	759.0	22	625.0	22	434.0	21
1970	1180.0	48	1130.0	49	1050.0	51	967.0	44	843.0	41	781.0	32	696.0	26	559.0	29	378.0	31
1971	1540.0	26	1500.0	25	1380.0	23	1260.0	20	1160.0	17	871.0	25	664.0	30	534.0	32	374.0	33
1972	1540.0	27	1520.0	23	1430.0	21	1240.0	22	1010.0	29	735.0	34	554.0	41	437.0	45	306.0	45
1973	1880.0	14	1830.0	13	1740.0	11	1520.0	10	1340.0	9	1050.0	10	910.0	8	723.0	10	497.0	12
1974	1320.0	38	1280.0	39	1240.0	30	1100.0	31	931.0	33	656.0	42	476.0	48	374.0	49	254.0	52
1975	1400.0	34	1350.0	33	1280.0	29	1200.0	26	1070.0	24	981.0	13	871.0	12	723.0	11	494.0	13

08213500 RIO GRANDE AT THIRTYMILE BRIDGE, NEAR CREEDE, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE AT THIRTYMILE BRIDGE, NR CREEDE, CO.

YEAR	1	3	7	14	30	60	90	120	183
1914	3.00 29	3.00 27	3.00 27	3.00 24	3.30 30	3.50 28	3.60 28	3.70 26	54.00 51
1915	3.40 39	3.40 37	3.40 35	3.40 33	7.50 44	14.00 50	14.00 50	14.00 50	37.00 47
1916	2.00 22	2.00 19	2.00 19	2.00 16	2.30 18	17.00 51	31.00 55	39.00 56	68.00 54
1917	3.00 30	3.00 28	4.00 38	4.00 37	4.20 36	4.60 35	8.90 46	11.00 48	153.00 57
1918	6.00 50	6.00 49	6.00 47	6.00 46	6.00 40	6.50 40	7.00 39	7.20 39	44.00 49
1919	1.00 8	1.00 8	1.00 8	1.00 5	3.10 29	3.60 29	4.10 32	4.30 31	19.00 32
1920	4.00 43	4.00 41	4.00 39	4.00 38	4.00 33	4.00 31	4.00 30	4.00 28	20.00 37
1921	4.00 44	4.00 42	4.00 40	4.00 39	8.00 45	8.00 42	8.00 41	8.00 41	29.00 45
1922	8.00 53	8.00 52	8.00 52	8.00 50	8.00 46	8.00 43	8.00 42	8.00 42	55.00 52
1928	9.00 56	9.70 55	10.00 54	10.00 53	28.00 56	28.00 55	28.00 54	28.00 54	83.00 56
1929	32.00 57	34.00 57	34.00 57	34.00 57	34.00 57	34.00 56	34.00 56	34.00 55	40.00 48
1930	8.00 54	8.00 53	8.00 53	8.00 51	8.00 47	8.00 44	8.00 43	8.00 43	75.00 55
1931	3.00 31	3.00 29	3.00 28	3.00 25	3.00 21	3.00 20	3.00 20	3.00 19	20.00 38
1932	3.00 32	3.00 30	3.00 29	3.00 26	3.00 22	3.00 21	3.00 21	3.00 20	19.00 33
1933	3.00 33	3.00 31	4.00 41	4.00 40	4.00 34	4.00 32	4.00 31	4.00 29	26.00 43
1934	3.00 34	3.00 32	3.00 30	3.00 27	3.00 23	3.00 22	3.30 27	4.60 32	22.00 40
1935	1.00 9	1.00 9	1.00 9	1.00 6	1.00 4	1.50 8	1.70 11	4.70 33	17.00 28
1936	4.00 45	6.00 50	6.00 48	6.00 47	6.00 41	6.00 39	6.00 38	6.20 38	16.00 25
1937	2.00 23	2.00 20	2.00 20	2.00 17	2.00 15	2.00 15	2.00 12	2.00 10	2.20 1
1938	0.61 4	0.60 4	0.60 4	0.60 2	0.60 2	0.60 2	0.60 2	0.60 2	16.00 26
1939	0.91 6	0.90 6	0.90 6	3.70 34	8.60 50	13.00 49	13.00 49	14.00 49	20.00 34
1940	3.00 35	3.00 33	3.00 31	3.00 28	3.00 24	3.00 23	3.00 22	3.00 21	18.00 29
1941	3.00 36	3.00 34	3.00 32	3.00 29	3.00 25	3.00 24	3.00 23	3.00 22	27.00 44
1942	3.30 38	4.30 45	6.60 50	14.00 55	25.00 55	38.00 57	40.00 57	44.00 57	67.00 53
1943	1.00 10	3.00 35	3.00 33	3.00 30	3.00 26	3.00 25	3.00 24	3.00 23	18.00 30
1944	3.00 37	3.00 36	3.00 34	3.00 31	3.00 27	3.00 26	3.00 25	3.00 24	20.00 35
1945	2.80 27	2.80 25	2.80 25	2.80 21	2.80 20	2.80 19	2.80 19	2.80 17	14.00 18
1946	1.50 16	1.50 14	1.50 14	1.50 10	1.50 8	1.50 9	1.50 5	1.50 5	14.00 19
1947	1.40 11	1.40 10	1.40 10	1.40 7	1.40 6	1.40 5	1.40 3	1.40 3	20.00 36
1948	1.40 12	2.50 23	2.60 24	2.80 22	3.40 31	3.70 30	3.80 29	3.90 27	13.00 16
1949	3.60 40	4.00 43	4.00 42	4.00 41	5.20 38	5.30 37	5.30 36	5.30 36	15.00 21
1950	5.30 48	5.30 47	5.30 46	8.50 52	8.50 49	8.50 46	8.50 44	8.90 44	14.00 20
1951	1.50 17	1.50 15	1.50 15	1.50 11	1.50 9	1.50 6	1.50 6	1.60 7	8.80 6
1952	0.41 2	0.40 2	0.40 2	0.40 1	0.40 1	0.40 1	0.40 1	0.40 1	9.30 8
1953	0.41 3	0.40 3	0.40 3	5.40 45	5.40 39	5.40 38	5.40 37	5.40 37	18.00 31
1954	0.91 7	0.90 7	0.90 7	0.90 4	0.91 3	1.20 3	1.60 8	2.10 11	8.40 5
1955	1.60 19	1.60 17	1.60 17	1.60 14	1.60 11	1.60 10	1.60 9	1.60 8	25.00 41
1956	1.50 18	1.50 16	1.50 16	1.50 12	1.50 10	1.50 7	1.50 7	1.50 6	11.00 13
1957	1.40 13	1.40 11	1.40 11	1.40 8	1.40 7	1.40 4	1.40 4	1.40 4	7.20 2
1958	7.90 52	12.00 56	18.00 56	22.00 56	22.00 54	22.00 54	22.00 53	22.00 53	37.00 46
1959	1.70 20	1.70 18	1.70 18	1.70 15	1.70 12	1.70 11	1.70 10	1.70 9	10.00 12
1960	0.81 5	0.80 5	0.80 5	2.10 18	2.10 16	2.10 16	2.10 15	2.10 12	7.80 3
1961	0.10 1	0.10 1	0.21 1	0.73 3	1.20 5	1.90 14	2.20 16	2.50 15	12.00 14
1962	2.00 21	3.80 38	3.80 36	3.80 35	6.80 42	8.10 45	8.60 45	9.00 45	25.00 42
1963	2.90 28	2.90 26	2.90 26	3.00 32	3.10 28	3.20 27	3.30 26	3.40 25	16.00 22
1964	1.50 14	1.50 12	1.50 12	1.60 13	1.70 13	1.80 12	2.00 13	2.20 13	16.00 23
1965	1.50 15	1.50 13	1.50 13	1.50 9	1.70 14	1.80 13	2.00 14	2.20 14	13.00 17
1966	5.00 47	5.00 46	5.00 45	5.00 44	18.00 52	19.00 53	19.00 52	20.00 52	49.00 50
1967	4.00 41	4.00 39	4.00 37	4.00 36	4.00 35	4.10 33	4.20 33	4.30 30	12.00 15
1968	2.30 24	2.30 21	2.30 21	2.30 19	2.30 17	2.40 17	2.50 17	2.60 16	9.50 9
1969	4.00 42	4.00 40	4.10 43	4.50 42	7.00 43	7.20 41	7.40 40	7.60 40	16.00 24
1970	5.40 49	5.80 48	6.50 49	7.20 48	8.40 48	9.20 48	9.50 48	9.60 47	10.00 10
1971	8.20 55	8.50 54	11.00 55	11.00 54	18.00 53	18.00 52	18.00 51	18.00 51	21.00 39
1972	2.30 25	2.40 22	2.60 22	2.80 23	3.60 32	4.10 34	4.40 34	4.70 34	9.00 7
1973	4.10 46	4.10 44	4.50 44	4.60 43	4.80 37	5.00 36	5.10 35	5.10 35	10.00 11
1974	7.10 51	7.10 51	7.10 51	7.20 49	8.70 51	8.90 47	9.10 47	9.30 46	17.00 27
1975	2.60 26	2.60 24	2.60 23	2.60 20	2.60 19	2.70 18	2.80 18	2.90 18	8.00 4

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
95.9	29.6	9.77	9.73	9.32	12.5	111	496	882	528	259	96.9
13850	2361	291	221	182	264	7314	36490	121600	91780	27530	2684
118	48.6	17.0	14.9	13.5	16.3	85.5	191	349	303	166	51.8
3.34	3.67	4.60	3.39	3.32	2.93	1.09	0.08	0.39	-0.14	0.29	1.59
1.23	1.64	1.75	1.53	1.45	1.30	0.77	0.39	0.40	0.57	0.64	0.53
3.78	1.16	0.38	0.38	0.37	0.49	4.37	19.5	34.7	20.8	10.2	3.81

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.79	1.14	0.69	0.70	0.70	0.85	1.88	2.66	2.91	2.61	2.30	1.93
0.18	0.29	0.23	0.22	0.21	0.22	0.19	0.04	0.04	0.13	0.11	0.05
0.43	0.54	0.48	0.47	0.46	0.47	0.44	0.20	0.20	0.35	0.34	0.22
-0.75	0.11	0.52	0.48	0.37	0.03	-0.82	-1.21	-1.17	-0.81	-0.37	-0.11
0.24	0.48	0.69	0.67	0.66	0.55	0.23	0.08	0.07	0.14	0.15	0.12
8.87	5.64	3.43	3.49	3.49	4.22	9.32	13.2	14.4	13.0	11.4	9.58

08213500 RIO GRANDE AT THIRTYMILE BRIDGE, NEAR CREEDE, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
212	3901	62.5	0.27	0.29	0.074

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.31	0.02	0.13	-0.31	0.06	0.047

08214500 NORTH CLEAR CREEK BELOW CONTINENTAL RESERVOIR, COLO.

LOCATION.--Lat 37°53'18", long 107°12'10", in NE¼SW¼ sec.21, T.42 N., R.3 S., Hinsdale County, on left bank 100 ft (30 m) downstream from bridge, 1,000 ft (300 m) downstream from Continental Reservoir, and 15 mi (24 km) west of Creede.

DRAINAGE AREA.--51.7 mi² (133.9 km²).

REMARKS.--Flow regulated by Continental Reservoir (capacity, 26,720 acre-ft or 32.9 hm³). No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH CLEAR CREEK BL CONTINENTAL RESERVOIR, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1930																	89	36	10	45	24	34	31	28	23	17	14	9	5						
1931																59	77	48	48	55	16	14	22	16	5	5									
1932																91	46	44	5	38	19	20	10	22	6	24	19	19	2	1					
1933											9				1	178	14	22	7	17	18	23	17	16	13	8	5	5	2	10					
1934														7	2	241	6	16	15	21	13	8	5	6	5	7	3	10							
1935	2							2						2	4	200	6	6	5	17	32	32	20	13	5	2	3	7	5	2					
1936																	193	4	11	22	28	23	10	34	17	7	3	5	9						
1937																	194	16	27	12	31	13	35	8	5	5	6	6	5	1	1				
1938																	2	194	25	22	8	16	23	10	5	10	18	21	10	1					
1939													1	14	3	25	12	14	11	130	27	14	50	7	5	5	11	13	21	2					
1940																13	203	22	38	28	22	7	7	11	5	1	1	8							
1941											8	3	2		33	62	34	43	37	22	10	19	22	10	6	6	6	13	10	16	3				
1942													9		1		1	29	12	176	31	5	8	15	42	14	4	8	7	3					
1943													10	1	1	8	8	184	7	8	1	7	7	11	42	46	8	9	7						
1944														1	13	1	4	219	5	5	2	13	5	22	16	14	14	19	13						
1945												2	1	1	210	9	6	4	1	3	12	13	26	19	16	13	6	15	8						
1946			5		6	3		2	6	1					1		20	188	3	12	38	4	3	6	1	4	10	19	20	9	4				
1947															1		2	203	23	6	11	16	13	21	10	10	8	21	7	7	6				
1948											166						12	11	18	30	22	3	11	7	17	6	4	6	4	14	35				
1949											189					3	26	9	14	7	8	2	2	13	36	14	8	3	16	14	1				
1950										127	27			1	1	11	18	42	10	10	18	5	8	22	7	6	4	8	9	31					
1951											134			8	3	16	13	58	43	10	10	8	9	20	14	16		2	1						
1952										162		10	1		6	6	19	10	13	18	9	10	21	6	15	3	10	18	6	23					
1953					3		16	31		31	28	26	1	4	2		24	14	62	10	16	20	8	22	15	16	7	7							
1954					11	12	37	87						1			45	10	24	32	19	20	9	9	22	21	3	3							
1955								134							2		38	61	34	18	3	10	5	4	17	13	23		2	1					
1956					1			132	1				1	3	2	20	100	27	2	12	9	12	5	16	9	14									
1957												130	1		1	11	33	1	50	8	2	7	37	22	11	12	9	22	8						
1958								176						2			35	3	1	18	7	5	18	2	13	2	6	24	13	40					
1959							159							1	6	1	4	60	38	16	14	1	1	5	14	20	19	4	2						
1960								156			3	1		1		1	1	51	40	16	16	2	4	6	3	15	6	18	20	3	3				
1961				110	5	2					1	2			1	3	86	14	16	39	10	15	6	3	5	6	16	12	11	2					
1962						62	106											2	24	28	7	6	10	8	20	11	47	20	14						
1963		1	5	5	124						1						23	30	65	39	5	8	9	16	12	12	10								
1964			7	31	61		39	1				1		7	3	4	19	47	21	47	15	13	11	11	4	8	3	3	4	5	1				
1965							26	27	1	63	80	2		1		3	30	9	4	8	4	9	6	13	7	10	14	13	15	16	4				
1966							144	52								9	8	9	8	13	3	5	8	16	33	13	8	17	4	15					
1967									147					3	4	1		40	46	16	28	17	23	18	10	4	8								
1968							12	186					2			2	11	32	5	1	8	12	14	12	8	28	12	3	1	4	12	1			
1969								161	1	3					1		8	19	10	33	18	5	13	13	15	20	33	10	2						
1970						2	19	12	176	1	5				2		10	12	1	17	8	5	8	6	17	19	16	13	8	8					
1971							11	75	4								1	25	9	11	21	9	16	19	36	8	7	13	10						
1972							61	110	1	6	1				1	1	16	12	33	18	4	4	1	30	29	28	8	2							
1973									159	31		11	6			1	1	22	3	7	5	10	19	6	11	8	4	22	17	22					
1974		8	10	10	62	28	38	13			1		3	3	11	10	14	22	54	14	9	12	10	13	6	4	5	5							
1975							4	1	2	30	157	2	2	1	2	7	3	24	24	2	17	6	2	4	5	7	19	13	5	23	3				

08214500 NORTH CLEAR CREEK BELOW CONTINENTAL RESERVOIR, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH CLEAR CREEK BELOW CONTINENTAL RESERVOIR, CO

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	2	16801	100.0	12	3.1	40	12150	72.3	24	59	638	2746	16.3
1	0.10	9	16799	100.0	13	4.0	62	12110	72.1	25	75	542	2108	12.5
2	0.20	27	16790	99.9	14	5.1	318	12048	71.7	26	96	448	1566	9.3
3	0.30	46	16763	99.8	15	6.5	997	11730	69.8	27	120	468	1118	6.6
4	0.40	378	16717	99.5	16	8.3	1515	10733	63.9	28	160	303	650	3.8
5	0.60	112	16339	97.3	17	11.0	1968	9218	54.9	29	200	273	347	2.0
6	0.70	664	16227	96.6	18	14.0	962	7250	43.2	30	260	73	74	.4
7	0.90	1458	15563	92.6	19	17.0	1137	6288	37.4	31	330	1	1	
8	1.20	498	14105	84.0	20	22.0	658	5151	30.7	32				
9	1.50	455	13607	81.0	21	28.0	522	4493	26.7	33				
10	1.90	810	13152	78.3	22	36.0	608	3971	23.6	34				
11	2.40	192	12342	73.5	23	46.0	617	3363	20.0					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH CLEAR CREEK BL CONTINENTAL RESERVOIR, CO.

YEAR	1	3	7	15	30	60	90	120	183
1930	185.0 32	170.0 32	141.0 35	126.0 33	109.0 31	95.0 26	82.0 25	74.0 24	57.0 25
1931	95.0 45	84.0 45	67.0 46	63.0 46	57.0 46	47.0 46	39.0 46	33.0 45	26.0 45
1932	213.0 23	176.0 31	167.0 30	135.0 31	120.0 24	97.0 24	88.0 22	81.0 22	60.0 20
1933	236.0 19	235.0 17	229.0 15	193.0 14	142.0 19	97.0 25	77.0 28	66.0 29	48.0 29
1934	154.0 38	152.0 37	149.0 32	120.0 35	96.0 36	60.0 41	47.0 42	38.0 42	28.0 42
1935	216.0 22	196.0 22	169.0 28	158.0 22	110.0 30	68.0 38	54.0 38	49.0 38	39.0 37
1936	190.0 30	187.0 30	182.0 23	152.0 26	122.0 21	90.0 29	74.0 30	62.0 30	48.0 30
1937	278.0 5	240.0 16	198.0 18	158.0 23	122.0 22	82.0 33	64.0 36	55.0 33	41.0 32
1938	211.0 24	188.0 28	174.0 27	147.0 27	119.0 25	112.0 18	99.0 16	83.0 20	60.0 21
1939	228.0 20	215.0 19	191.0 19	174.0 18	159.0 13	134.0 8	103.0 15	84.0 19	62.0 17
1940	136.0 42	135.0 40	132.0 38	102.0 38	73.0 43	51.0 45	40.0 45	33.0 46	26.0 43
1941	262.0 10	261.0 9	234.0 8	208.0 10	191.0 7	158.0 3	117.0 7	98.0 12	70.0 10
1942	249.0 15	228.0 18	175.0 26	153.0 25	100.0 34	86.0 32	80.0 26	74.0 25	55.0 26
1943	193.0 28	192.0 25	176.0 24	159.0 21	115.0 28	100.0 23	91.0 20	87.0 17	64.0 14
1944	178.0 34	169.0 33	167.0 29	163.0 20	150.0 15	123.0 12	97.0 18	86.0 18	60.0 18
1945	198.0 26	196.0 23	189.0 20	144.0 29	116.0 27	105.0 21	85.0 23	73.0 26	52.0 27
1946	270.0 7	267.0 5	232.0 11	208.0 11	167.0 10	154.0 6	128.0 5	102.0 8	72.0 8
1947	281.0 4	280.0 3	272.0 3	193.0 15	150.0 16	117.0 16	110.0 13	98.0 13	69.0 11
1948	320.0 2	320.0 2	319.0 1	309.0 1	291.0 1	218.0 1	178.0 1	151.0 1	102.0 1
1949	270.0 8	259.0 10	227.0 16	224.0 6	186.0 8	124.0 11	115.0 8	102.0 9	69.0 12
1950	249.0 16	246.0 14	232.0 12	223.0 7	219.0 3	157.0 4	128.0 6	109.0 4	76.0 5
1951	171.0 35	152.0 38	103.0 42	87.0 43	80.0 41	67.0 39	53.0 39	43.0 39	32.0 40
1952	253.0 13	245.0 15	239.0 7	229.0 5	207.0 5	118.0 15	98.0 17	103.0 7	73.0 7
1953	157.0 37	155.0 36	148.0 33	118.0 36	87.0 38	80.0 34	67.0 34	54.0 36	40.0 33
1954	148.0 39	137.0 39	119.0 39	98.0 40	82.0 39	73.0 36	60.0 37	52.0 37	39.0 38
1955	238.0 18	189.0 26	133.0 37	103.0 37	99.0 35	88.0 30	68.0 32	55.0 34	40.0 34
1956	87.0 46	84.0 46	82.0 45	79.0 45	60.0 44	54.0 43	42.0 44	34.0 44	25.0 46
1957	188.0 31	188.0 29	176.0 25	143.0 30	121.0 23	91.0 27	78.0 27	81.0 21	59.0 22
1958	259.0 12	253.0 11	251.0 5	241.0 3	235.0 2	205.0 2	167.0 2	143.0 2	98.0 2
1959	180.0 33	163.0 35	137.0 36	123.0 34	108.0 32	91.0 28	68.0 33	56.0 32	40.0 35
1960	265.0 9	264.0 7	233.0 9	200.0 12	164.0 12	133.0 10	113.0 10	90.0 15	62.0 15
1961	225.0 21	206.0 21	165.0 31	146.0 28	113.0 29	103.0 22	84.0 24	68.0 28	50.0 28
1962	198.0 27	194.0 24	183.0 22	154.0 24	142.0 20	121.0 13	111.0 12	109.0 5	77.0 4
1963	113.0 43	112.0 43	103.0 43	96.0 41	80.0 40	65.0 40	52.0 40	42.0 40	32.0 41
1964	299.0 3	266.0 6	231.0 13	179.0 17	119.0 26	87.0 31	65.0 35	54.0 35	39.0 36
1965	275.0 6	267.0 4	258.0 4	217.0 8	157.0 14	114.0 17	90.0 21	101.0 10	75.0 6
1966	249.0 17	247.0 13	233.0 10	181.0 16	147.0 17	109.0 19	115.0 9	99.0 11	68.0 13
1967	110.0 44	105.0 44	98.0 44	93.0 42	73.0 42	54.0 44	48.0 41	41.0 41	33.0 39
1968	338.0 1	331.0 1	312.0 2	277.0 2	204.0 6	134.0 9	112.0 11	92.0 14	62.0 16
1969	170.0 36	164.0 34	146.0 34	126.0 32	102.0 33	74.0 35	75.0 29	71.0 27	57.0 23
1970	208.0 25	207.0 20	206.0 17	199.0 13	165.0 11	120.0 14	104.0 14	89.0 16	60.0 19
1971	191.0 29	189.0 27	186.0 21	171.0 19	143.0 18	106.0 20	91.0 19	78.0 23	57.0 24
1972	141.0 40	131.0 41	113.0 40	100.0 39	88.0 37	72.0 37	72.0 31	62.0 31	45.0 31
1973	252.0 14	251.0 12	248.0 6	240.0 4	217.0 4	157.0 5	134.0 3	115.0 3	79.0 3
1974	136.0 41	130.0 42	108.0 41	85.0 44	59.0 45	55.0 42	44.0 43	36.0 43	26.0 44
1975	261.0 11	261.0 8	229.0 14	211.0 9	182.0 9	146.0 7	134.0 4	105.0 6	71.0 9

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH CLEAR CREEK BL CONTINENTAL RESERVOIR, CO.

YEAR	1	3	7	14	30	60	90	120	183
1931	8.00 39	8.00 39	8.00 39	8.00 39	8.00 35	8.00 32	8.70 35	8.90 35	11.00 42
1932	8.00 40	8.00 40	8.00 40	8.00 40	8.00 36	8.00 33	8.00 31	8.50 34	9.60 34
1933	8.00 41	8.00 41	8.00 41	8.00 41	8.00 37	8.00 34	8.00 32	8.00 31	8.60 32
1934	2.00 27	2.00 27	2.00 26	7.90 38	8.00 38	8.00 35	8.00 33	8.00 32	8.00 30
1935	5.00 37	5.00 36	5.00 36	6.30 37	8.00 39	8.00 36	8.00 34	8.00 33	8.00 31

08214500 NORTH CLEAR CREEK BELOW CONTINENTAL RESERVOIR, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH CLEAR CREEK BL CONTINENTAL RESERVOIR, CO

YEAR	1		3		7		14		30		60		90		120		183	
1936	0.00	1	0.33	5	3.00	32	4.90	33	9.00	42	9.00	40	9.00	38	9.20	37	9.60	35
1937	9.00	44	9.00	44	9.00	43	9.00	43	10.00	43	10.00	42	10.00	40	10.00	40	10.00	38
1938	9.40	45	9.40	45	9.40	44	9.50	44	12.00	45	12.00	45	13.00	44	13.00	43	13.00	43
1939	3.60	35	4.20	35	4.70	35	4.80	32	6.10	33	8.60	38	12.00	43	14.00	44	19.00	45
1940	8.30	42	8.40	42	8.40	42	8.50	42	8.50	40	8.70	39	8.80	36	9.00	36	9.70	36
1941	6.00	38	6.00	38	6.00	38	6.00	35	6.00	32	6.50	30	7.00	30	7.70	30	9.00	33
1942	2.20	31	2.20	31	2.20	30	2.70	30	9.00	41	10.00	43	14.00	45	16.00	45	17.00	44
1943	3.50	34	3.50	34	3.50	33	3.50	31	5.10	30	7.90	31	9.00	37	9.50	38	10.00	37
1944	8.60	43	8.90	43	10.00	45	11.00	45	11.00	44	11.00	44	11.00	42	11.00	41	11.00	39
1945	4.90	36	5.10	37	5.20	37	5.20	34	5.40	31	5.70	29	5.90	29	5.90	29	6.00	28
1946	2.60	33	3.10	33	4.60	34	6.10	36	7.60	34	9.30	41	10.00	41	11.00	42	11.00	40
1947	0.21	5	0.20	2	0.26	4	0.46	4	3.00	29	8.20	37	9.50	39	10.00	39	11.00	41
1948	2.00	28	2.00	28	2.00	27	2.00	26	2.00	25	2.00	25	2.00	25	2.00	25	7.30	29
1949	2.00	29	2.00	29	2.00	28	2.00	27	2.00	26	2.20	27	2.20	27	2.20	27	3.50	16
1950	1.50	25	1.50	25	1.50	24	1.50	24	1.50	22	1.50	22	1.50	21	1.50	21	2.80	7
1951	2.00	30	2.00	30	2.00	29	2.00	28	2.00	27	2.00	26	2.00	26	2.00	26	4.50	25
1952	1.50	26	1.50	26	1.50	25	1.50	25	1.50	23	1.50	23	1.50	22	1.50	22	4.10	22
1953	0.41	7	0.54	8	0.60	8	0.65	8	0.79	7	0.98	12	1.20	18	1.40	20	5.70	27
1954	0.51	8	0.50	7	0.50	6	0.52	6	0.59	5	0.70	6	0.76	6	0.82	8	2.70	6
1955	0.91	20	0.90	18	0.90	16	0.90	15	0.90	11	0.90	10	0.92	11	0.94	11	3.70	17
1956	0.51	9	1.00	21	1.00	19	1.00	18	1.00	14	1.00	14	1.00	13	1.00	13	2.90	8
1957	2.50	32	2.50	32	2.50	31	2.50	29	2.50	28	2.50	28	2.50	28	2.50	28	4.20	23
1958	1.00	21	1.00	22	1.00	20	1.00	19	1.00	15	1.00	15	1.00	14	1.00	14	2.60	5
1959	0.81	17	0.80	13	0.80	12	0.80	11	0.80	8	0.80	7	0.80	7	0.80	7	3.00	10
1960	0.81	18	0.80	14	1.00	21	1.00	20	1.00	16	1.00	16	1.00	15	1.00	15	4.00	21
1961	0.40	6	0.47	6	0.49	5	0.49	5	0.50	4	0.50	4	0.50	4	0.61	4	3.30	14
1962	0.60	10	0.60	9	0.60	7	0.60	7	0.60	6	0.60	5	0.63	5	0.65	5	3.90	19
1963	0.10	2	0.20	3	0.24	3	0.27	3	0.38	3	0.44	3	0.46	3	0.47	3	4.40	24
1964	0.20	4	0.20	4	0.20	2	0.25	2	0.28	2	0.33	2	0.37	1	0.44	1	3.40	15
1965	0.80	14	0.80	15	0.80	13	0.80	12	1.20	19	1.40	21	1.50	23	1.60	23	3.90	20
1966	0.80	15	0.80	16	0.80	14	0.80	13	0.80	9	0.80	8	0.80	8	0.80	6	0.82	1
1967	0.90	19	0.90	19	0.90	17	0.90	16	1.20	20	1.20	19	1.20	19	1.30	18	3.80	18
1968	1.10	23	1.10	23	1.10	22	1.10	21	1.10	17	1.10	17	1.10	16	1.10	16	2.90	9
1969	0.80	16	0.85	17	0.87	15	0.90	17	0.90	12	0.90	11	0.90	10	0.90	10	3.10	11
1970	1.00	22	1.00	20	1.00	18	1.10	22	1.10	18	1.20	18	1.20	17	1.20	17	1.70	3
1971	0.65	11	0.68	10	0.69	9	0.73	9	0.98	13	0.99	13	0.99	12	0.99	12	2.00	4
1972	0.76	13	0.75	12	0.78	10	0.79	10	0.80	10	0.80	9	0.83	9	0.87	9	1.50	2
1973	1.40	24	1.40	24	1.40	23	1.40	23	1.40	21	1.40	20	1.40	20	1.40	19	4.60	26
1974	0.16	3	0.16	1	0.16	1	0.18	1	0.24	1	0.32	1	0.38	2	0.44	2	3.30	12
1975	0.71	12	0.70	11	0.80	11	0.86	14	1.80	24	1.90	24	1.90	24	1.90	24	3.30	13

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
11.9	6.43	4.76	4.92	5.14	5.62	24.1	90.6	79.7	68.0	49.1	15.7
37.6	29.0	24.5	27.2	27.5	26.8	395	1176	1063	2624	2491	52.4
6.13	5.38	4.95	5.22	5.24	5.18	19.9	34.3	32.6	51.2	49.9	7.24
1.08	0.91	1.02	1.25	1.14	1.03	1.00	0.86	0.47	1.53	1.88	1.89
0.51	0.84	1.04	1.06	1.02	0.92	0.83	0.38	0.41	0.75	1.02	0.46
3.26	1.76	1.30	1.35	1.40	1.54	6.57	24.7	21.8	18.6	13.4	4.30

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.99	0.60	0.40	0.43	0.45	0.53	1.20	1.93	1.86	1.72	1.52	1.16
0.12	0.23	0.27	0.25	0.25	0.22	0.21	0.03	0.04	0.10	0.14	0.03
0.35	0.48	0.52	0.50	0.50	0.47	0.46	0.16	0.20	0.32	0.37	0.19
-2.29	-0.40	0.16	0.24	0.19	-0.05	-0.77	0.01	-0.81	-0.03	0.58	-0.02
0.35	0.79	1.31	1.17	1.10	0.89	0.38	0.08	0.11	0.18	0.24	0.16
7.74	4.73	3.12	3.34	3.54	4.14	9.36	15.1	14.5	13.5	11.9	9.05

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
30.7	91.3	9.55	0.15	0.31	-0.062

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.46	0.02	0.14	-0.43	0.10	-0.105

08216500 WILLOW CREEK AT CREEDE, COLO.

LOCATION.--Lat 37°51'22", long 106°55'37", in SW¼ sec.25, T.42 N., R.1 W., (projected), Mineral County, on left bank at north city limits of Creede, 8 ft (2 m) upstream from entrance to paved channel just downstream from Windy Gulch, 0.5 mi (0.8 km) downstream from confluence of East and West Willow Creeks, and 2.6 mi (4.2 km) upstream from mouth.

DRAINAGE AREA.--35.3 mi^3 (91.4 km^2).

REMARKS.--Diversions above station for municipal supply of Creede.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WILLOW CREEK AT CREEDE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1952													66	48	28	41	5		1	31	28	22	13	12	10	8	10	7	13	11	6	6			
1953													5	64	60	42	27	15	33	21	30	17	12	8	2	9	7	10	3						
1954												17	87	27	18	35	3	2	25	43	41	13	22	16	16										
1955											9	39	54	35	25	26	23	13	25	22	24	12	14	15	14	9	4	2							
1956		1										34	79	21	83	32	15	7	16	10	13	10	3	7	13	22									
1957													23	123	38	8	2	1	8	13	14	7	16	21	13	21	17	7	4	6	10	7	5	1	
1958														49	33	43	20	14	58	36	23	21	7	5	6	3	7	6	10	2	9	5	8		
1959												5	41	53	31	39	32	23	23	24	31	11	7	8	17	19	1								
1960													33	32	17	14	38	22	26	27	51	20	17	12	7	5	7	17	16	3	2				
1961													77	42	35	22	18	9	21	34	43	10	12	12	13	8	9								
1962														25	33	40	48	23	30	28	35	10	9	5	7	15	14	25	8	2	2	5	1		
1963												20	80	3	22	28	41	44	36	40	19	16	9	1	6										
1964												34	103	16	12	27	17	9	24	17	35	14	8	19	15	4	1	4	7						
1965													1		132	28	26	10	2	15	24	5	8	13	15	15	18	17	13	9	11	3			
1966														1	7	70	55	18	32	56	29	11	16	25	23	9	7	2	3	1					
1967													1	98	27	28	39	10	13	43	40	17	22	23	4										
1968													25	93	25	26	30	7	15	15	17	16	21	12	18	12	6	13	4	3	8				
1969												1	58	42	11	39	21	21	9	5	33	28	27	39	14	3	6	4	4						
1970														7	29	65	24	11	17	18	28	34	29	19	14	15	24	9	7	5	8	2			
1971															1	48	109	25	27	36	49	16	8	8	32	4	2								
1972															20	69	37	23	75	36	15	9	14	11	11	16	26	4							
1973														21	89	38	30	18	26	32	15	6	10	6	9	3	7	13	25	11	1	5			
1974													1	109	63	47	29	15	16	24	13	14	9	8	7	6	4								
1975												4	123	54	19	3	8	11	20	14	12	13	8	5	6	4	11	20	15	8	4	3			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	8766	100.0	12	3.0	857	8602	98.1	24	44	292	1155	13.1
1	0.10	1	8766	100.0	13	3.7	963	7745	88.4	25	56	210	863	9.8
2	0.30	0	8765	100.0	14	4.7	858	6782	77.4	26	70	188	653	7.4
3	0.40	0	8765	100.0	15	5.8	858	5924	67.6	27	87	160	465	5.3
4	0.50	0	8765	100.0	16	7.3	697	5066	57.8	28	110	132	305	3.4
5	0.60	0	8765	100.0	17	9.2	351	4369	49.8	29	140	61	173	1.9
6	0.80	0	8765	100.0	18	11.0	578	4018	45.8	30	170	61	112	1.2
7	1.00	0	8765	100.0	19	14.0	640	3440	39.2	31	210	36	51	.5
8	1.20	0	8765	100.0	20	18.0	662	2800	31.9	32	270	14	15	.1
9	1.50	0	8765	100.0	21	23.0	352	2138	24.4	33	340	1	1	
10	1.90	9	8765	100.0	22	28.0	321	1786	20.4	34				
11	2.40	154	8756	99.9	23	35.0	310	1465	16.7					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WILLOW CREEK AT CREEDE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1952	231.0	8	229.0	6	220.0	4	191.0	3	149.0	5	127.0	5	98.0	5	80.0	5	58.0	3
1953	127.0	12	121.0	12	106.0	14	95.0	12	81.0	11	55.0	14	44.0	14	37.0	14	28.0	14
1954	51.0	22	49.0	23	48.0	22	48.0	22	42.0	22	35.0	22	28.0	22	28.0	20	23.0	20
1955	97.0	15	91.0	15	73.0	16	64.0	17	59.0	16	46.0	16	36.0	16	33.0	16	24.0	19
1956	68.0	21	66.0	21	65.0	19	62.0	18	57.0	18	45.0	19	35.0	20	28.0	21	20.0	22
1957	365.0	1	343.0	1	316.0	1	254.0	2	218.0	1	149.0	1	117.0	1	99.0	1	71.0	1
1958	309.0	2	301.0	2	295.0	2	261.0	1	208.0	2	140.0	2	102.0	3	81.0	4	57.0	4
1959	74.0	20	67.0	20	65.0	20	61.0	19	56.0	19	46.0	17	36.0	17	32.0	17	25.0	16
1960	179.0	10	175.0	10	154.0	10	135.0	10	118.0	10	95.0	9	74.0	9	62.0	9	44.0	10
1961	81.0	18	74.0	18	72.0	17	69.0	16	58.0	17	46.0	18	36.0	18	31.0	18	25.0	17
1962	272.0	3	259.0	3	239.0	3	181.0	4	137.0	8	114.0	7	92.0	6	74.0	6	52.0	8
1963	49.0	23	49.0	22	46.0	23	37.0	24	30.0	24	25.0	24	21.0	24	18.0	24	15.0	24
1964	124.0	13	120.0	13	115.0	11	98.0	11	72.0	14	49.0	15	41.0	15	37.0	15	27.0	15
1965	264.0	4	241.0	4	193.0	8	163.0	8	154.0	3	129.0	3	111.0	2	93.0	2	67.0	2
1966	140.0	11	127.0	11	112.0	12	83.0	14	73.0	13	57.0	12	45.0	13	43.0	12	32.0	13
1967	49.0	24	45.0	24	42.0	24	39.0	23	38.0	23	32.0	23	28.0	23	26.0	22	22.0	21
1968	191.0	9	186.0	9	180.0	9	155.0	9	124.0	9	86.0	10	71.0	10	61.0	10	44.0	9
1969	123.0	14	117.0	14	107.0	13	93.0	13	71.0	15	55.0	13	48.0	12	42.0	13	33.0	12
1970	235.0	6	218.0	8	207.0	6	181.0	5	140.0	7	105.0	8	81.0	8	69.0	8	57.0	5
1971	83.0	17	74.0	19	61.0	21	56.0	21	52.0	20	44.0	20	35.0	19	30.0	19	24.0	18
1972	90.0	16	88.0	16	84.0	15	81.0	15	78.0	12	68.0	11	55.0	11	46.0	11	34.0	11
1973	237.0	5	235.0	5	217.0	5	173.0	6	149.0	4	129.0	4	101.0	4	81.0	3	57.0	6
1974	78.0	19	76.0	17	68.0	18	59.0	20	48.0	21	35.0	21	29.0	21	24.0	23	18.0	23
1975	231.0	7	223.0	7	202.0	7	170.0	7	141.0	6	118.0	6	92.0	7	74.0	7	52.0	7

08216500 WILLOW CREEK AT CREEDE, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WILLOW CREEK AT CREEDE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1953	3.40	15	3.50	15	3.60	13	3.80	14	4.00	13	4.30	15	4.40	15	4.60	14	5.90	14
1954	2.60	6	2.70	4	2.90	7	3.00	6	3.00	5	3.10	7	3.20	7	3.30	4	4.20	4
1955	2.20	2	2.30	2	2.40	2	2.40	1	2.60	1	2.80	1	3.00	2	3.40	5	4.80	7
1956	0.20	1	2.00	1	2.20	1	2.60	2	2.80	2	2.90	2	3.00	3	3.20	2	3.80	2
1957	3.20	14	3.40	14	3.60	14	3.70	13	3.80	12	3.80	12	3.90	10	3.90	9	4.30	5
1958	3.00	10	3.30	13	3.60	15	4.00	17	4.30	17	4.40	16	4.80	16	5.30	17	7.30	17
1959	2.50	3	2.80	5	2.90	8	3.20	9	3.30	9	3.60	9	3.60	8	3.90	10	5.00	8
1960	3.00	11	3.20	11	3.30	11	3.40	11	3.50	10	3.80	10	4.30	13	5.30	18	9.30	20
1961	3.00	12	3.00	9	3.00	9	3.00	7	3.00	6	3.00	4	3.20	4	3.50	6	4.50	6
1962	4.00	19	4.00	18	4.00	18	4.00	18	4.20	16	4.70	17	5.30	19	5.80	19	9.00	19
1963	2.80	7	2.80	6	2.80	3	2.80	3	2.90	4	3.10	5	3.20	5	3.60	7	5.10	9
1964	2.80	8	2.80	7	2.80	4	2.80	4	2.80	3	2.90	3	2.90	1	3.00	1	4.10	3
1965	2.60	4	2.70	3	2.80	5	3.20	10	5.00	19	5.00	19	5.00	17	5.10	15	6.00	15
1966	3.50	16	4.50	20	4.80	20	5.10	21	5.90	22	6.30	22	6.60	22	7.20	22	9.60	21
1967	3.60	17	3.80	16	3.90	16	3.90	15	4.10	14	4.10	13	4.20	12	4.40	12	5.30	11
1968	3.00	13	3.30	12	3.60	12	3.70	12	3.80	11	3.80	11	3.90	11	3.90	8	5.10	10
1969	2.80	9	3.00	10	3.00	10	3.10	8	3.10	7	3.30	8	3.60	9	4.00	11	5.40	12
1970	4.20	21	4.50	21	4.80	21	4.80	20	5.20	20	5.80	20	6.20	20	7.10	21	12.00	23
1971	5.00	23	5.30	23	5.80	23	5.90	23	6.80	23	7.40	23	7.40	23	7.50	23	10.00	22
1972	4.80	22	5.10	22	5.30	22	5.40	22	5.70	21	6.00	21	6.30	21	6.80	20	8.00	18
1973	4.00	20	4.40	19	4.70	19	4.70	19	4.80	18	4.90	18	5.00	18	5.20	16	6.70	16
1974	3.60	18	3.80	17	3.90	17	4.00	16	4.10	15	4.20	14	4.40	14	4.50	13	5.40	13
1975	2.60	5	2.80	8	2.90	6	3.00	5	3.10	8	3.10	6	3.20	6	3.30	3	3.60	1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
10.6	7.53	5.44	4.54	4.20	5.00	15.6	70.4	75.1	29.8	21.3	14.8
26.3	11.9	3.30	1.88	1.76	5.73	94.7	1245	2717	364	94.7	138
5.13	3.44	1.82	1.37	1.33	2.39	9.73	35.3	52.1	19.1	9.73	11.7
1.25	1.42	1.02	0.91	1.35	2.58	1.33	1.19	1.08	1.44	0.95	3.77
0.48	0.46	0.33	0.30	0.32	0.48	0.62	0.50	0.69	0.64	0.46	0.79
4.00	2.85	2.06	1.72	1.59	1.89	5.90	26.6	28.4	11.3	8.06	5.60

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.98	0.84	0.71	0.64	0.61	0.67	1.12	1.80	1.77	1.40	1.28	1.10
0.04	0.03	0.02	0.02	0.02	0.03	0.06	0.04	0.10	0.06	0.04	0.05
0.19	0.17	0.13	0.12	0.12	0.16	0.25	0.20	0.31	0.25	0.20	0.23
0.44	0.87	0.58	0.55	0.76	1.15	0.39	0.37	-0.11	0.40	-0.31	0.92
0.20	0.20	0.19	0.19	0.20	0.25	0.22	0.11	0.18	0.18	0.16	0.21
7.59	6.51	5.53	4.95	4.68	5.15	8.67	13.9	13.7	10.8	9.94	8.50

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
22.1	77.1	8.78	0.38	0.40	-0.276

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.31	0.03	0.18	0.01	0.13	-0.282

08217000 RIO GRANDE AT WASON, BELOW CREEDE, COLO.

LOCATION.--Lat 37°49'21", long 106°53'19", in NE¼ sec.8, T.41 N., R.1 E., Mineral County, on left bank at Wason, 300 ft (91 m) downstream from bridge on State Highway 149, 1.5 mi (2.4 km) downstream from Willow Creek, and 2.8 mi (4.5 km) southeast of Creede.

DRAINAGE AREA.--705 mi^2 (1,826 km^2).

REMARKS.--Diversions above station for irrigation. Flow regulated by Santa Maria Reservoir since 1912, Rio Grande Reservoir since 1913, and Continental Reservoir since 1925 (total capacity, 121,400 acre-ft or 150 hm^3). Natural flow of stream affected by transmountain diversions to drainage area above station from Colorado River Basin through Raber-Lohr, Fuchs, Squaw Pass, Tabor, and Piedra Pass ditches.

08217000 RIO GRANDE AT WASON, BELOW CREEDE, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE AT WASON, BELOW CREEDE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1908								29	34	23	44	30	29	20	15	5	12	17	15	20	21	9	5	6	7	16	1	7	1						
1909							92	4	16	21	43	19		5		4	10	31	17	13	6	4	5	6	11	19	8	11	5	9	3	2	1		
1910									32	35	10	77	15	19	38	29	14	11	15	8	3	6	2	9	9	14	7	5	3	4					
1911							2	42	49	49	25	10	2	14	18	9	14	8	20	7	7	4	13	9	9	21	9	15	5	4					
1912								3	40	57	17	18	23	18	12	26	9	15	13	9	18	20	9	4	4	7	14	5	2	10	11	2			
1913						31	61	19	38	3	7	23	17	28	12	9	9	24	4	15	14	25	13	6	3	4									
1914									90		34	9	34	10	50	1	10	7	13	3	11	10	24	15	9	2	7	12	9	3	2				
1915					15	40	52	13	16	6	5	7	20	11	20	12	6	18	15	13	15	10	25	13	9	8	8	4	4						
1916					7	20	23	28	22	13	17	8	14	26	19	24	14	11	7	6	4	13	23	29	19	15	4								
1917				15			1	34	66	4	3	7	13	23	11	14	18	14	13	6	23	26	11	12	15	4	6	1	3	6	10	6			
1918				16	17	48	30	10	24	7	10	11	26	15	20	11	15	14	23	16	11	10	9	9	7	6									
1919						23	98	22	22	13	4	1	13	13	11	4	5	17	5	3	17	31	10	12	10	14	6	8	3						
1920						3	34	47	72	9	13	20	18	15	2	8	11	7	5	4	3	8	8	19	10	4	5	13	8	17	3				
1921								17	81	25	7	11	29	15	10	18	13	7	6	10	6	15	8	13	20	16	5	12	9	1	2	1	3	4	1
1922								6	113	7	17	2	11	1	1	36	28	13	9	7	8	12	21	22	9	9	8	8	8	9					
1923							90		61	15	6	1	21	12	7	5	17	7	6	5	4	25	32	14	16	13	6	2							
1924								29		63	20	17	35	38	8	11	13	7	11	14	24	15	10	15	6	9	2	7	12						
1925					46	65	31	1	1	12	5	21	12	10	9	10	8	15	8	16	19	27	20	5	15	9									
1926								59	10	36	38	43	20	9	6	6	6	19	17	9	6	26	18	11	6	7	6	7							
1927						59	32	33	31	25	7	5	2	3	3	9	13	7	4	20	13	22	12	23	12	17	3	3	1	1		2	1	1	1
1928								30	112	6	13	8	6	15	5	7	14	8	42	8	11	19	10	15	28	7	2								
1929						28	81	22	8	9	13	13	13	7	5	3	4	13	17	11	12	18	36	20	14	11	1	5	1						
1930						31	59	34	18	10	4	2	13	15	23	14	8	18	13	30	11	19	11	12	11	6	3								
1931		31		28	36	31	7	2	26	20	15	17	13	34	29	18	6	3	8	7	8	8	6	7	5										
1932					31	60	36	5	13	13	3	8	18	11	12	8	11	6	5	7	10	17	25	22	16	19	7	3							
1933				28	62	61			6	21	11	16	15	23	18	13	8	7	15	4	14	13	4	4	5	16	1								
1934				28		31	41	42	27	41	31	36	13	7	6	3	8	8	4	5	12	5	6	4	7										
1935		5	8	50	38	7	25	30	14	7	12	11	8	14	12	5	10	9	6	18	18	11	10	7	16	6	5	3							
1936			2	66	44	5	19	16	10	15	12	13	15	16	15	17	14	5	10	8	18	17	7	13	7	1	1								
1937			5	48	57	24	33	20	22	3	4	6	2	1		4	7	10	16	21	32	22	15	6	7										
1938			11	52	46	14	14	19	26	5	6	5	3	12	8	3	6	4	7	22	15	23	21	5	5	12	7	4	5	3	2				
1939							47	35	22	24	32	23	28	25	17	9	9	2	3	7	25	11	8	14	14	10									
1940			13	53	41	9	7	25	44	44	28	16	9	11	5	4	11	5	4	11	11	6	1	3	5										
1941		6	18	19	40	36	22		5	21	20	6	4	10	8	9	9	3	8	12	3	7	29	13	12	16	12	5	1	5	6				
1942				3	13	25	44	12	20	5	5	11	8	10	17	16	12	11	22	21	14	14	22	14	10	4	2	7	14	9					
1943				2	15	23	68	17	18	8	21	14	10	16	7	13	31	20	11	12	7	22	14	4	5	7									
1944			2	42	36	26	28	9	5	21	39	14	7	8	4	5	1		3	6	15	18	12	9	6	16	10	13	9	2					
1945					1	13	71	54	25	23	24	15	4	7	11	11	8	9	10	5	9	18	17	12	11	5	2								
1946			10	57	40	20	20	2	1	26	16	20	15	23	15	7	14	10	11	11	6	10	11	5	4	10	1								
1947			10	20	45	13	17	9	22	33	12	8	3	11	15	19	18	15	6	7	3	8	12	16	18	16	8	1							
1948					4	15	48	30	38	19	7	10	24	22	7	8	4	2	7	12	15	11	21	17	9	5	2	5	2	7	5	10			
1949				6	20	29	68	33	10	13	20	8	12	4	3	2	2	2		10	18	39	19	8	2	11	3	5	6	4	5	2	1		
1950					5	11	39	62	56	11	18	18	10	11	9	8	14	4	14	12	6	12	20	17	4	4									
1951			2	20	61	42	24	27	32	25	13	31	12	12	7	6	5	6	6	6	2	10	10		1	3	2								
1952			1	33	78	22	24	22	8	1	2	4	18	11	5	2	1	5	4	14	15	10	19	15	12	21	9	5	5						
1953					16	48	61	18	38	31	17	21	11	20	13	12	9	7	6	2	2	7	1	2	7	12	4								
1954			5	51	48	23	31	10	15	3	13	12	10	18	25	18	11	6	12	20	8	9	8	1	4	4									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	17167	100.0	12	270.0	658	8353	48.7	24	1700	451	1547	9.0
1	48.00	42	17167	100.0	13	310.0	679	7695	44.8	25	2000	436	1096	6.3
2	56.00	102	17125	99.8	14	370.0	573	7016	40.9	26	2400	187	660	3.8
3	66.00	622	17023	99.2	15	430.0	495	6443	37.5	27	2800	176	473	2.7
4	77.00	862	16401	95.5	16	500.0	500	5948	34.6	28	3300	116	297	1.7
5	90.00	936	15539	90.5	17	590.0	467	5448	31.7	29	3800	94	181	1.0
6	100.00	1480	14603	85.1	18	680.0	496	4981	29.0	30	4500	49	87	.5
7	120.00	981	13123	76.4	19	800.0	513	4485	26.1	31	5200	25	38	.2
8	140.00	1459	12142	70.7	20	940.0	553	3972	23.1	32	6100	6	13	
9	170.00	881	10683	62.2	21	1100.0	702	3419	19.9	33	7100	5	7	
10	200.00	743	9802	57.1	22	1300.0	653	2717	15.8	34	8300	2	2	
11	230.00	706	9059	52.8	23	1500.0	517	2064	12.0					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE AT WASON, BELOW CREEDE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1908	3420.0	21	3240.0	22	3100.0	21	2640.0	22	2320.0	20	1810.0	26	1480.0	28	1310.0	28	998.0	29
1909	6250.0	4	5880.0	4	5250.0	5	4620.0	6	3730.0	6	3000.0	6	2360.0	6	1950.0	8	1570.0	2
1910	4430.0	13	4330.0	11	3730.0	14	3030.0	18	2690.0	16	2200.0	18	1700.0	22	1420.0	24	1040.0	25
1911	4310.0	15	4070.0	15	3900.0	13	3520.0	12	3100.0	12	2620.0	11	2260.0	9	1900.0	11	1410.0	9
1912	5290.0	7	5120.0	7	4860.0	7	4700.0	4	4060.0	4	3040.0	4	2400.0	4	1980.0	5	1410.0	10
1913	2370.0	37	2290.0	36	2050.0	38	1720.0	41	1540.0	40	1310.0	41	1170.0	38	1020.0	36	779.0	37
1914	4660.0	10	4530.0	9	4190.0	10	3700.0	11	3330.0	9	2560.0	13	2180.0	13	1820.0	13	1350.0	13
1915	3320.0	22	3320.0	20	3160.0	20	2850.0	20	2410.0	18	1960.0	21	1720.0	20	1480.0	23	1100.0	23
1916	2580.0	30	2520.0	29	2290.0	29	2000.0	33	1930.0	29	1800.0	27	1680.0	24	1540.0	22	1150.0	22
1917	5610.0	6	5490.0	6	5330.0	3	5100.0	2	4360.0	3	3000.0	5	2400.0	5	1980.0	6	1420.0	8
1918	2220.0	42	2160.0	41	2050.0	39	1860.0	37	1650.0	36	1340.0	38	1120.0	41	1010.0	38	774.0	38
1919	3520.0	19	3450.0	19	3210.0	19	2910.0	19	2220.0	22	2010.0	19	1780.0	19	1610.0	19	1190.0	20
1920	4630.0	11	4510.0	10	4260.0	9	4230.0	7	3910.0	5	3190.0	2	2650.0	2	2180.0	2	1530.0	3

08217000 RIO GRANDE AT WASON, BELOW CREEDE, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE AT WASON, BELOW CREEDE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1921	8340.0	2	8080.0	1	7510.0	1	5890.0	1	4600.0	1	3380.0	1	2830.0	1	2420.0	1	1770.0	1
1922	4350.0	14	4300.0	12	4040.0	12	3420.0	13	3240.0	10	2670.0	9	2270.0	7	1980.0	7	1470.0	5
1923	2820.0	27	2730.0	26	2580.0	25	2310.0	27	2080.0	27	1900.0	23	1700.0	23	1550.0	20	1170.0	21
1924	3730.0	18	3640.0	18	3540.0	16	3240.0	15	2370.0	19	2220.0	17	1880.0	16	1630.0	18	1210.0	19
1925	2280.0	39	2230.0	38	2110.0	35	1910.0	36	1880.0	33	1610.0	30	1440.0	30	1280.0	29	1000.0	28
1926	3150.0	23	3060.0	23	2920.0	23	2760.0	21	2310.0	21	1850.0	25	1610.0	26	1390.0	26	1030.0	26
1927	8620.0	1	7910.0	2	6100.0	2	3980.0	9	2780.0	15	2240.0	16	1880.0	17	1680.0	15	1380.0	12
1928	2420.0	35	2410.0	32	2300.0	28	2100.0	30	1800.0	35	1730.0	28	1560.0	27	1350.0	27	1010.0	27
1929	3420.0	20	3290.0	21	3030.0	22	2480.0	24	2200.0	23	1860.0	24	1710.0	21	1550.0	21	1230.0	18
1930	2550.0	33	2510.0	30	2180.0	33	2090.0	31	1890.0	31	1590.0	32	1350.0	33	1190.0	31	906.0	31
1931	1810.0	45	1760.0	46	1610.0	46	1460.0	45	1380.0	45	1060.0	44	848.0	44	724.0	44	553.0	44
1932	3110.0	24	3050.0	25	2760.0	24	2560.0	23	2110.0	25	1980.0	20	1800.0	18	1660.0	16	1250.0	16
1933	2410.0	36	2340.0	35	2260.0	30	2080.0	32	1910.0	30	1500.0	34	1230.0	35	1010.0	39	761.0	39
1934	1810.0	46	1800.0	45	1710.0	45	1400.0	47	1340.0	46	1030.0	45	777.0	45	634.0	46	492.0	45
1935	3100.0	25	3060.0	24	2560.0	26	2360.0	26	2110.0	26	1720.0	29	1460.0	29	1250.0	30	933.0	30
1936	2600.0	29	2240.0	37	1720.0	44	1660.0	42	1560.0	39	1350.0	37	1160.0	39	982.0	40	754.0	40
1937	1810.0	47	1670.0	47	1600.0	47	1440.0	46	1410.0	44	1290.0	42	1200.0	36	1100.0	34	826.0	34
1938	4840.0	9	4240.0	14	3550.0	15	3160.0	16	2970.0	14	2270.0	14	1900.0	15	1640.0	17	1240.0	17
1939	2250.0	41	2170.0	40	2090.0	36	1950.0	34	1880.0	32	1600.0	31	1390.0	31	1130.0	33	843.0	32
1940	1860.0	44	1830.0	44	1750.0	43	1490.0	44	1250.0	47	941.0	47	722.0	47	589.0	47	454.0	47
1941	4850.0	8	4710.0	8	4670.0	8	4090.0	8	3240.0	11	2620.0	12	2270.0	8	1990.0	4	1440.0	6
1942	4430.0	12	4260.0	13	4160.0	11	3840.0	10	3600.0	8	2680.0	7	2230.0	10	1930.0	9	1420.0	7
1943	2260.0	40	2100.0	42	2000.0	41	1650.0	43	1430.0	43	1320.0	39	1170.0	37	1020.0	37	816.0	35
1944	3970.0	16	3760.0	16	3380.0	18	3280.0	14	3060.0	13	2650.0	10	2190.0	11	1900.0	12	1330.0	14
1945	2570.0	31	2390.0	33	2050.0	37	1940.0	35	1810.0	34	1560.0	33	1350.0	32	1150.0	32	833.0	33
1946	2420.0	34	2360.0	34	2260.0	31	2140.0	29	1640.0	37	1370.0	36	1150.0	40	964.0	41	726.0	41
1947	2830.0	26	2710.0	27	2550.0	27	2410.0	25	2140.0	24	1930.0	22	1670.0	25	1410.0	25	1070.0	24
1948	5800.0	5	5670.0	5	5170.0	6	4870.0	3	4380.0	2	3090.0	3	2530.0	3	2130.0	3	1530.0	4
1949	6930.0	3	6030.0	3	5290.0	4	4620.0	5	3720.0	7	2670.0	8	2180.0	12	1920.0	10	1400.0	11
1950	2170.0	43	2080.0	43	1830.0	42	1730.0	38	1580.0	38	1420.0	35	1250.0	34	1070.0	35	782.0	36
1951	2550.0	32	2450.0	31	2140.0	34	1720.0	39	1440.0	42	1020.0	46	777.0	46	643.0	45	483.0	46
1952	3780.0	17	3660.0	17	3410.0	17	3030.0	17	2650.0	17	2250.0	15	1990.0	14	1750.0	14	1280.0	15
1953	2760.0	28	2640.0	28	2260.0	32	2210.0	28	1960.0	28	1320.0	40	1020.0	42	844.0	42	612.0	43
1954	2330.0	38	2220.0	39	2040.0	40	1720.0	40	1450.0	41	1130.0	43	938.0	43	822.0	43	640.0	42

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE AT WASON, BELOW CREEDE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1909	109.00	39	110.00	37	110.00	37	110.00	36	110.00	34	113.00	34	115.00	33	127.00	33	157.00	30
1910	147.00	46	147.00	46	150.00	46	150.00	46	152.00	45	167.00	46	196.00	46	205.00	46	297.00	44
1911	108.00	38	116.00	39	120.00	38	126.00	40	135.00	41	143.00	41	142.00	38	148.00	38	171.00	32
1912	130.00	44	140.00	45	145.00	45	146.00	45	158.00	46	163.00	45	170.00	45	183.00	44	412.00	46
1913	93.00	32	93.00	31	93.00	30	93.00	28	93.00	25	98.00	25	105.00	28	114.00	28	154.00	29
1914	100.00	36	112.00	38	143.00	44	143.00	44	143.00	43	144.00	42	151.00	42	163.00	42	226.00	39
1915	80.00	22	82.00	22	87.00	24	90.00	26	91.00	22	93.00	20	96.00	20	102.00	21	222.00	37
1916	85.00	27	85.00	25	85.00	22	88.00	24	91.00	23	109.00	32	133.00	36	144.00	36	222.00	38
1917	65.00	14	65.00	11	65.00	8	65.00	6	113.00	35	133.00	38	135.00	37	152.00	39	406.00	45
1918	69.00	15	69.00	15	69.00	14	69.00	10	78.00	16	89.00	18	89.00	17	93.00	16	153.00	28
1919	90.00	30	90.00	28	90.00	26	92.00	27	95.00	26	102.00	28	104.00	27	106.00	24	135.00	20
1920	98.00	35	105.00	35	107.00	35	109.00	35	115.00	36	123.00	36	129.00	35	131.00	34	152.00	27
1921	120.00	40	127.00	43	131.00	42	133.00	41	136.00	42	142.00	40	148.00	41	154.00	40	197.00	33
1922	120.00	41	123.00	40	127.00	41	139.00	43	146.00	44	153.00	43	152.00	43	155.00	41	236.00	40
1923	105.00	37	105.00	36	105.00	34	105.00	34	106.00	32	110.00	33	110.00	29	118.00	29	145.00	26
1924	125.00	42	125.00	41	125.00	39	125.00	38	127.00	39	153.00	44	162.00	44	185.00	45	241.00	41
1925	82.00	25	82.00	23	82.00	20	82.00	19	82.00	17	86.00	16	88.00	15	92.00	14	125.00	13
1926	125.00	43	125.00	42	125.00	40	125.00	39	126.00	38	131.00	37	146.00	40	168.00	43	205.00	35
1927	96.00	34	96.00	34	96.00	33	96.00	32	96.00	29	97.00	24	98.00	21	105.00	22	127.00	15
1928	133.00	45	133.00	44	133.00	43	133.00	42	133.00	40	139.00	39	143.00	39	146.00	37	268.00	42
1929	95.00	33	95.00	33	95.00	31	95.00	29	95.00	27	99.00	26	102.00	26	105.00	23	143.00	25
1930	90.00	31	90.00	29	90.00	27	90.00	25	90.00	20	95.00	23	100.00	23	108.00	26	216.00	36
1931	50.00	2	50.00	1	50.00	1	50.00	1	50.00	1	61.00	1	68.00	1	75.00	1	126.00	14
1932	80.00	23	80.00	21	83.00	21	83.00	20	83.00	18	86.00	17	89.00	16	94.00	17	140.00	23
1933	76.00	20	76.00	19	76.00	18	76.00	17	76.00	13	78.00	13	79.00	11	83.00	11	120.00	11
1934	75.00	19	75.00	18	75.00	17	75.00	16	76.00	14	83.00	15	92.00	18	100.00	19	132.00	19
1935	55.00	3	55.00	3	56.00	2	61.00	3	67.00	3	72.00	6	74.00	4	79.00	6	100.00	4
1936	58.00	7	67.00	14	74.00	15	74.00	15	74.00	12	74.00	7	77.00	9	79.00	7	108.00	8
1937	62.00	13	64.00	9	65.00	9	70.00	14	72.00	8	74.00	8	75.00	6	78.00	5	91.00	1
1938	56.00	4	57.00	4	58.00	4	63.00	4	66.00	2	71.00	3	74.00	5	77.00	2	101.00	5
1939	89.00	28	93.00	30	109.00	36	115.00	37	115.00	37	117.00	35	122.00	34	136.00	35	202.00	34
1940	60.00	8	63.00	8	65.00	10	66.00	7	68.00	4	72.00	4	73.00	2	77.00	3	113.00	9
1941	48.00	1	50.00	2	56.00	3	58.00	2	72.00	9	72.00	5	76.00	7	81.00	10	131.00	17
1942	73.00	17	74.00	17	79.00	19	87.00	21	91.00	21	94.00	21	100.00	24	114.00	27	269.00	43
1943	74.00	18	78.00	20	87.00	23	88.00	22	95.00	28	102.00	27	102.00	25	107.00	25	137.00	21
1944	61.00	10	66.00	12	67.00	11	69.00	11	73.00	10	76.00	10	79.00	12	85.00	12	120.00	10
1945	89.00	29	94.00	32	96.00	32	101.00	33	106.00	33	108.00	31	111.00	30	118.00	30	138.00	22

08217000 RIO GRANDE AT WASON, BELOW CREEDE, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE AT WASON, BELOW CREEDE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1946	58.00	5	61.00	7	64.00	6	65.00	5	68.00	5	69.00	2	74.00	3	78.00	4	107.00	7
1947	58.00	6	60.00	5	62.00	5	66.00	8	71.00	7	77.00	11	80.00	13	92.00	15	132.00	18
1948	80.00	21	85.00	26	92.00	26	95.00	30	97.00	30	104.00	29	111.00	31	119.00	31	167.00	31
1949	72.00	16	72.00	16	74.00	16	78.00	18	84.00	19	92.00	19	98.00	22	101.00	20	123.00	12
1950	82.00	24	84.00	24	93.00	29	96.00	31	99.00	31	108.00	30	114.00	32	119.00	32	142.00	24
1951	62.00	11	66.00	13	68.00	12	70.00	12	77.00	15	81.00	14	83.00	14	85.00	13	105.00	6
1952	62.00	12	65.00	10	69.00	13	70.00	13	74.00	11	78.00	12	78.00	10	80.00	8	92.00	2
1953	84.00	26	86.00	27	88.00	25	88.00	25	92.00	24	95.00	22	95.00	19	99.00	18	129.00	16
1954	60.00	9	61.00	6	65.00	7	67.00	9	69.00	6	75.00	9	77.00	8	80.00	9	94.00	3

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
342	186	124	108	106	139	449	1497	2177	1163	738	395
59240	10440	2560	1281	731	4074	26390	223500	874300	245500	103000	51620
243	102	50.6	35.8	27.0	63.8	162	473	935	495	321	227
2.59	2.36	1.38	0.70	0.63	3.78	0.59	0.39	0.47	-0.31	-0.13	2.51
0.71	0.55	0.41	0.33	0.25	0.46	0.36	0.32	0.43	0.43	0.43	0.57
4.61	2.51	1.68	1.45	1.43	1.88	6.05	20.2	29.3	15.7	9.94	5.32

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.47	2.22	2.07	2.01	2.01	2.12	2.62	3.15	3.29	3.01	2.82	2.55
0.05	0.03	0.02	0.02	0.01	0.02	0.03	0.02	0.05	0.06	0.06	0.04
0.23	0.19	0.16	0.14	0.11	0.14	0.16	0.14	0.22	0.25	0.24	0.20
1.01	1.00	0.74	0.24	0.35	1.75	-0.15	-0.27	-0.99	-1.22	-0.90	0.70
0.09	0.08	0.08	0.07	0.05	0.07	0.06	0.04	0.07	0.08	0.08	0.08
8.13	7.33	6.81	6.63	6.64	6.98	8.65	10.4	10.9	9.92	9.28	8.40

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
621	33510	183	-0.06	0.29	0.212

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.77	0.02	0.14	-0.60	0.05	0.189

08217500 RIO GRANDE AT WAGONWHEEL GAP, COLO.

LOCATION.--Lat 37°46'01", long 106°49'51", in NW¼NE¼ sec.35, T.41 N., R.1 E., Mineral County, on right bank 250 ft (76 m) upstream from private bridge, 0.4 mi (0.6 km) upstream from Goose Creek, and 0.4 mi (0.6 km) west of town of Wagonwheel Gap.

DRAINAGE AREA.--780 mi² (2,020 km²).

REMARKS.--Flow regulated by Santa Maria, Rio Grande and Continental Reservoirs (total capacity, 121,400 acre-ft or 150 hm³). Diversions above station for irrigation. Transmountain diversions to drainage area above station from Colorado River Basin.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE AT WAGONWHEEL GAP, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1952																31	89	37	26	2	3	17	19	4	3	5	10	23	19	25	28	17	8		
1953																	30	90	27	57	25	28	19	19	18	9	7	2	8	5	12	7	2		
1954															1	52	44	69	8	11	19	15	22	33	17	12	20	16	15	3	6	2			
1955															1	38	76	28	12	32	19	25	32	30	11	6	10	11	11	13	6	2	2		
1956															1	35	100	63	27	32	13	22	6	10	5	6	8	4	10	21	3				
1957														18	61	24	34	47	8	1		7	12	13	9	15	9	7	27	21	21	18	4	8	1
1958																	1	26	84	30	21	32	40	5	11	8	7	3	16	31	26	9	9	5	1
1959																22	67	47	33	45	38	32	9	2	19	5	10	4	11	7	9	5			
1960																1	15	98	16	51	28	23	7	15	12	11	14	13	8	8	19	22	5		

08217500 RIO GRANDE AT WAGONWHEEL GAP, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE AT WAGONWHEEL GAP, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
															NUMBER OF DAYS IN CLASS																				
1961															12	73	16	42	30	22	5	37	29	22	7	11	10	6	10	5	11	15	2		
1962																2	39	88	19	15	13	27	17	12	2	2	12	15	25	33	33	10	1		
1963															1	61	28	29	15	42	36	52	25	18	12	14	4	2	9	14	2	1			
1964																28	59	59	27	38	20	34	28	21	10	3	5	4	12	5	3	5	5		
1965																40	78	42	19	17	3		6	6	16	16	5	18	18	23	30	14	14		
1966																		10	77	47	42	25	24	19	24	9	2	2	28	22	25	9			
1967															18	54	15	48	17	27	32	46	31	11	10	9	7	10	16	11	3				
1968																4	77	73	25	21	15	7	6	16	15	19	19	11	10	15	8	12	11	2	
1969																7	78	55	8	17	24	14	37	14	4	9	16	10	31	16	12	11	2		
1970																3	9	115	23	17	8	26	12	30	11	4	13	8	21	33	17	14	1		
1971																	3	75	48	38	22	41	23	14	22	9	10	11	16	13	20				
1972																1	43	63	39	37	38	25	20	7	11	14	6	12	17	13	13	7			
1973																1	38	82	36	17	11	21	20	13	15	7	4	3	13	25	17	20	19	3	
1974																	44	107	53	18	36	24	16	9	6	8	4	5	20	15					
1975															1	87	45	62	7	4	6	10	13	22	7	2	3	6	8	23	17	24	16	2	

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	8766	100.0	12	34.0	0	8766	100.0	24	470	277	2378	27.1
1	3.00	0	8766	100.0	13	42.0	18	8766	100.0	25	590	213	2101	23.9
2	3.70	0	8766	100.0	14	52.0	96	8748	99.8	26	730	215	1888	21.5
3	4.70	0	8766	100.0	15	65.0	564	8652	98.7	27	910	206	1673	19.0
4	5.80	0	8766	100.0	16	81.0	1028	8088	92.3	28	1100	379	1467	16.7
5	7.20	0	8766	100.0	17	100.0	1455	7060	80.5	29	1400	400	1088	12.4
6	9.00	0	8766	100.0	18	130.0	684	5605	63.9	30	1800	341	688	7.8
7	11.00	0	8766	100.0	19	160.0	638	4921	56.1	31	2200	224	347	3.9
8	14.00	0	8766	100.0	20	200.0	477	4283	48.9	32	2700	101	123	1.4
9	17.00	0	8766	100.0	21	240.0	590	3806	43.4	33	3400	20	22	.2
10	22.00	0	8766	100.0	22	300.0	473	3216	36.7	34	4200	2	2	
11	27.00	0	8766	100.0	23	380.0	365	2743	31.3					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE AT WAGONWHEEL GAP, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1952	3360.0	6	3270.0	5	3060.0	6	2770.0	5	2480.0	7	2170.0	6	1960.0	6	1730.0	6	1280.0	4
1953	2700.0	15	2580.0	14	2250.0	17	2210.0	14	1980.0	13	1350.0	16	1050.0	16	870.0	16	635.0	18
1954	2290.0	19	2200.0	19	2050.0	19	1730.0	20	1450.0	21	1140.0	21	942.0	19	828.0	18	643.0	16
1955	2830.0	12	2740.0	10	2320.0	14	1990.0	18	1680.0	18	1320.0	17	1020.0	17	859.0	17	636.0	17
1956	2010.0	22	1920.0	22	1800.0	23	1680.0	21	1570.0	20	1170.0	20	888.0	21	719.0	22	520.0	22
1957	4470.0	1	3890.0	2	3630.0	2	3090.0	2	2650.0	4	2410.0	3	2070.0	3	1800.0	2	1320.0	2
1958	4230.0	2	4070.0	1	3640.0	1	3150.0	1	2750.0	2	2310.0	4	2050.0	4	1740.0	5	1240.0	5
1959	2390.0	18	2350.0	18	2220.0	18	2080.0	17	1630.0	19	1240.0	18	942.0	18	773.0	20	572.0	20
1960	3210.0	9	3000.0	8	2820.0	8	2620.0	8	2410.0	8	2080.0	7	1700.0	8	1410.0	8	1010.0	9
1961	2840.0	11	2740.0	11	2630.0	10	2400.0	10	2250.0	9	1650.0	13	1270.0	13	1030.0	14	774.0	13
1962	2780.0	13	2670.0	13	2460.0	12	2260.0	13	2140.0	11	1950.0	9	1790.0	7	1600.0	7	1170.0	7
1963	2240.0	20	2120.0	20	1870.0	21	1640.0	22	1440.0	22	1000.0	24	797.0	24	668.0	24	519.0	23
1964	2900.0	10	2840.0	9	2730.0	9	2360.0	11	1820.0	16	1210.0	19	929.0	20	774.0	19	578.0	19
1965	3270.0	7	3120.0	7	3060.0	7	2650.0	7	2570.0	6	2270.0	5	2030.0	5	1800.0	3	1330.0	1
1966	2640.0	16	2560.0	15	2320.0	15	2120.0	16	1970.0	14	1840.0	10	1610.0	11	1340.0	11	966.0	11
1967	1930.0	23	1860.0	23	1800.0	22	1480.0	24	1370.0	24	1110.0	22	856.0	22	735.0	21	567.0	21
1968	3420.0	5	3240.0	6	3170.0	4	2690.0	6	2580.0	5	2010.0	8	1620.0	9	1370.0	9	990.0	10
1969	2730.0	14	2710.0	12	2480.0	11	2440.0	9	2150.0	10	1670.0	12	1500.0	12	1280.0	12	950.0	12
1970	3210.0	8	2430.0	16	2340.0	13	2310.0	12	2050.0	12	1840.0	11	1610.0	10	1340.0	10	1050.0	8
1971	2060.0	21	2000.0	21	1950.0	20	1910.0	19	1770.0	17	1460.0	15	1190.0	15	1000.0	15	746.0	15
1972	2390.0	17	2370.0	17	2310.0	16	2140.0	15	1920.0	15	1560.0	14	1260.0	14	1040.0	13	760.0	14
1973	3450.0	4	3280.0	4	3200.0	3	3020.0	3	2870.0	1	2500.0	1	2160.0	1	1820.0	1	1290.0	3
1974	1790.0	24	1750.0	24	1670.0	24	1500.0	23	1400.0	23	1110.0	23	844.0	23	695.0	23	506.0	24
1975	3590.0	3	3410.0	3	3080.0	5	2980.0	4	2700.0	3	2430.0	2	2130.0	2	1750.0	4	1230.0	6

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE AT WAGONWHEEL GAP, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1953	90.00	20	92.00	20	93.00	20	95.00	19	98.00	19	102.00	20	104.00	19	107.00	20	138.00	17
1954	60.00	5	63.00	5	71.00	6	73.00	6	76.00	6	80.00	6	86.00	10	88.00	9	101.00	4
1955	63.00	8	67.00	7	72.00	7	75.00	7	77.00	7	81.00	7	83.00	7	86.00	6	128.00	15
1956	62.00	7	69.00	8	72.00	8	75.00	8	78.00	8	82.00	8	83.00	8	84.00	5	95.00	3
1957	46.00	1	48.00	1	49.00	1	50.00	1	51.00	1	54.00	1	56.00	1	63.00	1	77.00	1
1958	94.00	22	103.00	22	113.00	22	121.00	23	124.00	22	132.00	22	140.00	22	137.00	22	181.00	22
1959	74.00	12	76.00	10	78.00	11	79.00	9	81.00	10	84.00	10	86.00	9	93.00	12	116.00	10
1960	80.00	17	87.00	18	91.00	19	99.00	20	101.00	20	101.00	18	103.00	18	106.00	18	136.00	16

08217500 RIO GRANDE AT WAGONWHEEL GAP, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE AT WAGONWHEEL GAP, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1961	60.00	6	60.00	3	62.00	3	63.00	3	65.00	3	67.00	2	70.00	2	77.00	2	102.00	5
1962	80.00	18	82.00	14	86.00	15	90.00	16	90.00	13	93.00	14	98.00	15	100.00	15	149.00	19
1963	55.00	2	65.00	6	66.00	5	67.00	5	69.00	5	76.00	5	78.00	5	87.00	7	127.00	13
1964	65.00	9	70.00	9	75.00	9	80.00	10	83.00	11	84.00	11	88.00	11	90.00	10	111.00	8
1965	70.00	10	77.00	11	77.00	10	80.00	11	80.00	9	83.00	9	83.00	6	87.00	8	106.00	6
1966	100.00	23	107.00	23	114.00	23	119.00	22	133.00	23	137.00	23	141.00	23	148.00	23	207.00	23
1967	55.00	3	58.00	2	60.00	2	61.00	2	63.00	2	67.00	3	74.00	3	81.00	4	107.00	7
1968	70.00	11	80.00	12	84.00	13	89.00	15	90.00	14	92.00	13	93.00	13	96.00	13	112.00	9
1969	75.00	13	82.00	15	84.00	14	84.00	12	85.00	12	87.00	12	89.00	12	93.00	11	120.00	11
1970	75.00	14	80.00	13	83.00	12	89.00	13	97.00	18	102.00	19	105.00	20	107.00	19	150.00	20
1971	90.00	21	93.00	21	100.00	21	106.00	21	108.00	21	116.00	21	119.00	21	121.00	21	167.00	21
1972	80.00	15	85.00	16	88.00	16	89.00	14	91.00	15	94.00	15	98.00	16	106.00	16	128.00	14
1973	80.00	16	85.00	17	89.00	17	91.00	17	94.00	16	96.00	16	100.00	17	106.00	17	144.00	18
1974	85.00	19	88.00	19	91.00	18	93.00	18	95.00	17	96.00	17	97.00	14	100.00	14	127.00	12
1975	60.00	4	63.00	4	65.00	4	65.00	4	66.00	4	71.00	4	74.00	4	77.00	3	90.00	2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
214	131	97.8	92.0	95.4	125	363	1397	1769	974	515	288
6198	947	491	407	480	1485	26350	145200	392000	412600	103700	24860
78.7	30.8	22.2	20.2	21.9	38.5	162	381	626	642	322	158
0.87	0.54	0.91	0.87	1.50	1.94	0.58	-0.02	-0.06	0.48	1.14	2.15
0.37	0.24	0.23	0.22	0.23	0.31	0.45	0.27	0.35	0.66	0.63	0.55
3.53	2.16	1.61	1.52	1.57	2.06	5.99	23.0	29.2	16.1	8.50	4.76

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.30	2.10	1.98	1.95	1.97	2.08	2.52	3.13	3.22	2.88	2.64	2.41
0.02	0.01	0.01	0.01	0.01	0.01	0.04	0.02	0.03	0.10	0.07	0.04
0.15	0.10	0.10	0.09	0.09	0.11	0.19	0.13	0.18	0.32	0.26	0.20
0.19	-0.09	-0.28	0.07	0.93	1.31	0.14	-0.50	-0.82	-0.08	0.27	0.55
0.07	0.05	0.05	0.05	0.05	0.05	0.08	0.04	0.05	0.11	0.10	0.08
7.89	7.21	6.78	6.70	6.75	7.13	8.63	10.7	11.0	9.88	9.03	8.26

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
507	22840	151	0.12	0.30	-0.287

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.69	0.02	0.13	-0.09	0.05	-0.287

08218000 GOOSE CREEK NEAR WAGONWHEEL GAP, COLO.

LOCATION.--Lat 37°41'15", long 106°53'19", in NW¼ sec.26, T.40 N., R.1 E., Mineral County, on left bank 100 ft (30 m) downstream from bridge on county road, 0.6 mi (1.0 km) downstream from Lake Humphreys, 1.5 mi (2.4 km) downstream from Roaring Fork River, and 5.5 mi (8.9 km) south of Wagonwheel Gap.

DRAINAGE AREA.--53.6 mi^2 (138.8 km^2).

REMARKS.--No diversion above station. Lake Humphreys (capacity, 842 acre-ft or 1.04 hm^3) above station with a fixed spillway and no gates has slight effect on flow.

08218000 GOOSE CREEK NEAR WAGONWHEEL GAP, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
GOOSE CREEK NEAR WAGONWHEEL GAP, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1925		21	94	49	15	4	9	1	3	3	5	1	1		5	35	24	18	14	14	10	15	14	1	1	2	6								
1940				7	81	33	44	48	40	22	11	2	12	14	5	5	13	8	10	10	1														
1941				1	3	3	134	21	17	21	9	3	10	8	8	16	6	12	4	5	1	3	3	2	12	9	10	10	7	11	5	3	7	1	
1942					34	1	37	35	34	7	12	1	9	29	7	16	43	23	7	12	5	3	6	5	4	2	2	6	10	7	8				
1943			1	7	44	33	41	44	25	11	12	10	21	20	9	9	8	20	9	16	8	6	9	1	1										
1944				12	66	8	89	18	17	9	36	8	1	8	6	3	2	5	1	4	2	3	6	2	3	1	9	8	8	10	16	5			
1945		6	1	32	62	36	52	18	10	7	17	6	9	12	11	10	5	4	2	5	11	12	12	10	9	4	2								
1946				12	61	8	91	20	14	18	19	9	17	11	10	21	9	6	6	17	2	4	1	5	4										
1947				38	9	15	47	18	49	13	11	6	14	18	19	13	11	5	4	7	7	11	8	13	12	7	6		2	2					
1948						29	31	31	32	39	12	13	23	18	5	12	17	5	5	14	2	8	8	5	14	5	4	1	3	6	8	7	7	1	1
1949					31	60	41	10	6	39	13	22	28	5	4	2	1	6	3	1	6	11	8	7	8	5	14	10	7	3	8	3	2		1
1950		1		7	31	24	84	9	38	47	5	2	10	8	7	21	11	5	13	9	2	7	12	9	3										
1951				40	61	21	49	20	25	36	21	17	6	12	12	7	2	3	12	13	1	1	1		3	2									
1952				31	83	6	56	8	1	2	5	7	7	16	20	14	11	11	10	6	3	7	6	6	12	10	7	3	3	5		3	6	1	

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5114	100.0	12	35.0	168	1906	37.3	24	180	86	408	7.9
1	7.70	28	5114	100.0	13	40.0	179	1738	34.0	25	210	47	322	6.2
2	8.90	96	5086	99.5	14	46.0	128	1559	30.5	26	240	60	275	5.3
3	10.00	236	4990	97.6	15	53.0	184	1431	28.0	27	280	38	215	4.2
4	12.00	581	4754	93.0	16	61.0	163	1247	24.4	28	320	40	177	3.4
5	14.00	281	4173	81.6	17	70.0	131	1084	21.2	29	360	44	137	2.6
6	15.00	805	3892	76.1	18	80.0	100	953	18.6	30	420	45	93	1.8
7	18.00	301	3087	60.4	19	92.0	133	853	16.7	31	480	21	48	.9
8	20.00	311	2786	54.5	20	110.0	61	720	14.1	32	550	22	27	.5
9	23.00	274	2475	48.4	21	120.0	91	659	12.9	33	630	3	5	
10	27.00	188	2201	43.0	22	140.0	94	568	11.1	34	720	2	2	
11	31.00	107	2013	39.4	23	160.0	66	474	9.3					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
GOOSE CREEK NEAR WAGONWHEEL GAP, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1925	252.0	9	251.0	8	247.0	8	201.0	8	166.0	9	142.0	9	122.0	9	106.0	8	86.0	8
1940	114.0	14	105.0	14	100.0	14	87.0	14	85.0	14	69.0	14	56.0	14	47.0	14	39.0	14
1941	679.0	3	626.0	3	599.0	1	536.0	1	432.0	2	364.0	2	302.0	1	242.0	1	169.0	1
1942	463.0	6	449.0	6	437.0	6	419.0	6	375.0	6	267.0	6	202.0	6	167.0	6	121.0	6
1943	181.0	13	163.0	13	156.0	13	135.0	13	122.0	11	107.0	11	91.0	11	78.0	11	63.0	11
1944	505.0	5	495.0	5	484.0	5	458.0	5	421.0	3	365.0	1	278.0	3	217.0	3	150.0	4
1945	253.0	8	245.0	9	217.0	9	195.0	9	182.0	8	157.0	8	128.0	8	106.0	9	76.0	9
1946	198.0	11	191.0	11	181.0	10	157.0	11	116.0	12	99.0	12	83.0	12	72.0	12	55.0	12
1947	365.0	7	353.0	7	314.0	7	271.0	7	227.0	7	191.0	7	152.0	7	124.0	7	99.0	7
1948	730.0	1	649.0	1	551.0	4	529.0	2	501.0	1	358.0	3	283.0	2	231.0	2	163.0	2
1949	722.0	2	639.0	2	565.0	3	504.0	4	414.0	4	328.0	4	267.0	4	216.0	4	153.0	3
1950	192.0	12	191.0	12	173.0	12	166.0	10	156.0	10	120.0	10	103.0	10	87.0	10	64.0	10
1951	217.0	10	205.0	10	181.0	11	139.0	12	115.0	13	86.0	13	67.0	13	58.0	13	46.0	13
1952	656.0	4	623.0	4	595.0	2	516.0	3	397.0	5	285.0	5	230.0	5	188.0	5	138.0	5

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
GOOSE CREEK NEAR WAGONWHEEL GAP, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1926	12.00	9	14.00	12	14.00	11	17.00	13	25.00	13	26.00	13	27.00	13	31.00	13	40.00	13
1941	13.00	10	13.00	8	14.00	12	15.00	12	15.00	12	15.00	12	15.00	10	16.00	10	20.00	10
1942	11.00	8	13.00	9	13.00	8	13.00	8	13.00	7	14.00	10	15.00	11	17.00	11	32.00	12
1943	9.20	3	10.00	5	10.00	5	11.00	5	13.00	8	13.00	8	14.00	8	15.00	9	16.00	7
1944	13.00	11	13.00	10	13.00	9	13.00	9	13.00	9	13.00	9	14.00	9	14.00	7	15.00	4
1945	10.00	4	10.00	6	10.00	6	10.00	1	10.00	1	11.00	1	12.00	1	12.00	1	14.00	1
1946	7.80	1	8.00	1	8.90	1	11.00	6	12.00	5	12.00	5	13.00	4	13.00	4	15.00	5
1947	10.00	5	10.00	2	10.00	2	10.00	2	10.00	2	11.00	2	13.00	5	14.00	5	16.00	6
1948	14.00	13	14.00	13	14.00	13	14.00	11	14.00	11	15.00	11	16.00	12	17.00	12	24.00	11
1949	13.00	12	13.00	11	13.00	10	13.00	10	13.00	10	13.00	6	14.00	6	14.00	6	17.00	8
1950	10.00	6	10.00	3	10.00	3	11.00	7	12.00	6	13.00	7	14.00	7	15.00	8	18.00	9
1951	8.00	2	10.00	4	10.00	4	10.00	3	10.00	3	11.00	3	12.00	2	12.00	2	14.00	2
1952	11.00	7	11.00	7	11.00	7	11.00	4	11.00	4	12.00	4	12.00	3	13.00	3	14.00	3

08218000 GOOSE CREEK NEAR WAGONWHEEL GAP, COLO.--Continued

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
29.6	20.9	15.4	13.9	14.6	16.7	44.5	156	241	95.8	40.0	30.9
403	140	57.0	22.8	14.7	16.6	286	5108	17970	4364	174	249
20.1	11.8	7.55	4.78	3.83	4.07	16.9	71.5	134	66.1	13.2	15.8
1.78	1.98	3.27	2.79	1.76	0.14	0.55	0.83	0.11	1.09	0.00	1.26
0.68	0.57	0.49	0.34	0.26	0.24	0.38	0.46	0.56	0.69	0.33	0.51
4.10	2.90	2.14	1.94	2.03	2.32	6.18	21.7	33.5	13.3	5.56	4.29

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.40	1.27	1.16	1.13	1.15	1.21	1.62	2.15	2.30	1.88	1.58	1.44
0.06	0.04	0.02	0.01	0.01	0.01	0.03	0.04	0.08	0.10	0.03	0.04
0.24	0.19	0.15	0.12	0.10	0.11	0.17	0.19	0.29	0.32	0.16	0.20
0.98	1.29	2.19	1.62	0.67	-0.57	-0.04	0.17	-0.58	-0.15	-0.79	0.50
0.17	0.15	0.13	0.11	0.09	0.09	0.10	0.09	0.13	0.17	0.10	0.14
7.65	6.95	6.33	6.16	6.30	6.61	8.84	11.8	12.6	10.3	8.62	7.89

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
59.3	596	24.4	0.18	0.41	-0.130

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.74	0.04	0.19	-0.17	0.11	-0.161

08218500 GOOSE CREEK AT WAGONWHEEL GAP, COLO.

LOCATION.--Lat 37°45'07", long 106°49'46", in SW¼SE¼ sec.35, T.41 N., R.1 E., Mineral County, on left bank 0.2 mi (0.3 km) downstream from Pierce Creek, 1.0 mi (1.6 km) upstream from mouth, 1.0 mi (1.6 km) south of Wagonwheel Gap, and 8.8 mi (14.2 km) southeast of Creede.

DRAINAGE AREA.--90 mi^2 (233 km^2), approximately.

REMARKS.--Several small diversions above station for irrigation. Lake Humphreys (capacity, 842 acre-ft or 1.04 hm^3) above station with a fixed spillway and no gates has slight effect on flow.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
GOOSE CREEK AT WAGONWHEEL GAP, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1955				3	37	75	23	40	16	17	10	10	16	16	22	14	8	7	5	6	7	5	8	7	5	4	2	2							
1956		1		51	59	52	39	33	13	19	14	10	7	5	8	4	1	5	6	4	5	2	4	12	2	2	6	2							
1957		9	12	64	73	18	4	10		3	2	8	4	4	8	4	8	9	9	7	25	3	8	12	6	2	4	6	6	5	7	7	12	6	
1958				5	4	22	48	72	22	56	21	10	7	10	5	2	4	1	2	6	14	1	3	2	1	5	6	8	5	6	5	7	5		
1959		1		51	34	28	24	44	43	22	14	16	13	9	8	5	5	4	6	2	7	6	12	3	5	3									
1960				2	7	57	36	43	16	16	13	15	22	21	10	3	13	6	6	9	14	3	6	8	4	11	2	7	10	5	1				
1961			2	17	44	54	26	37	7	15	23	21	20	5	12	5	7	10	6	2	9	5	8	5	9	6	5	5							
1962					31	31	42	45	23	21	11	24	16	3	6	9	4	7		1	5	1	3	5	14	14	17	13	8	5	6				
1963			14	34	24	26	31	45	46	25	22	17	13	13	8	9	8	2	6	5	8	8	1												
1964		3	16	61	25	29	24	43	12	19	15	23	18	7	18	9	4	2	6	2	9	4	3	5	2	4	3								
1965						135	23	38	1			3	12	8	2	4	6	8	6	5	8	1	13	7	9	5	11	9	14	10	9	8	9	1	
1966								72	47	22	47	8	8	6	39	23	16	8	2	5	8	3	13	4	7	10	11	5	1						
1967					32	72	47	18	16	18	26	14	17	10	21	10	3	12	10	10	12	5	7	4		1									
1968					91	47	11	15	9	18	21	10	11	3	7	8	6	3	4	7	24	7	7	7	2	4	11	6	4	6	12	3	2		
1969				12	25	59	24	30	11	16	3	6	4	18	24	14	8	8	11	15	20	9	14	14	5	7	4	4							
1970							12	42	42	13	22	28	26	19	17	30	11	8	6	7	11	2	5	18	10	8	4	8	5	6	2	1		1	1
1971		1	2	4	19	33	22	42	31	22	32	22	12	27	26	7	12	8	6	5	8	3	10	8	3										
1972					9	25	32	50	26	36	37	19	28	6	10	12	6	7	3	10	14	4	7	7	11	7									
1973					17	83	26	18	14	15	28	11	21	11	7	11	4	8	7	7	4	1	6	2	1	2	6	12	13	9	10	6		4	1
1974			1	6	16	47	64	36	36	26	27	18	16	8	8	8	9	12	8	2	11	6													
1975				1	36	58	49	46	13	10	16	9	3	6	7	12	4	6	2	6	6	2	2	3		3	7	7	20	7	13	4	7		

08218500 GOOSE CREEK AT WAGONWHEEL GAP, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
GOOSE CREEK AT WAGONWHEEL GAP, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	7670	100.0	12	38.0	294	2778	36.2	24	170	96	682	8.8
1	9.50	15	7670	100.0	13	43.0	215	2484	32.4	25	190	98	586	7.6
2	11.00	47	7655	99.8	14	48.0	273	2269	29.6	26	210	99	488	6.3
3	12.00	311	7608	99.2	15	55.0	203	1996	26.0	27	240	94	389	5.0
4	14.00	583	7297	95.1	16	62.0	147	1793	23.4	28	280	86	295	3.8
5	16.00	951	6714	87.5	17	70.0	141	1646	21.5	29	310	59	209	2.7
6	18.00	607	5763	75.1	18	79.0	117	1505	19.6	30	350	65	150	1.9
7	20.00	819	5156	67.2	19	90.0	123	1388	18.1	31	400	36	85	1.1
8	23.00	444	4337	56.5	20	100.0	229	1265	16.5	32	450	35	49	.6
9	26.00	409	3893	50.8	21	120.0	81	1036	13.5	33	510	12	14	.1
10	29.00	404	3484	45.4	22	130.0	140	955	12.5	34	580	2	2	
11	33.00	302	3080	40.2	23	150.0	133	815	10.6					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
GOOSE CREEK AT WAGONWHEEL GAP, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1955	262.0	11	247.0	13	224.0	14	195.0	14	166.0	15	131.0	14	104.0	14	91.0	14	69.0	14
1956	241.0	14	237.0	14	234.0	13	206.0	13	176.0	13	128.0	15	98.0	15	81.0	15	59.0	17
1957	540.0	3	518.0	2	511.0	2	481.0	1	448.0	1	349.0	1	283.0	2	238.0	2	175.0	2
1958	494.0	5	462.0	5	443.0	4	427.0	3	369.0	5	278.0	5	213.0	7	168.0	7	119.0	8
1959	207.0	16	191.0	17	181.0	17	169.0	17	145.0	17	113.0	16	88.0	16	74.0	18	58.0	18
1960	361.0	9	347.0	9	328.0	8	301.0	7	273.0	7	213.0	8	173.0	8	146.0	8	105.0	9
1961	254.0	13	251.0	11	244.0	10	221.0	11	199.0	11	155.0	12	124.0	12	102.0	12	79.0	12
1962	390.0	8	387.0	8	369.0	7	301.0	8	262.0	8	255.0	7	228.0	5	187.0	5	133.0	6
1963	134.0	20	129.0	20	127.0	20	117.0	20	104.0	20	75.0	21	66.0	21	56.0	21	46.0	21
1964	220.0	15	215.0	15	207.0	15	184.0	16	148.0	16	106.0	18	85.0	18	74.0	19	58.0	19
1965	512.0	4	492.0	3	486.0	3	442.0	2	398.0	2	347.0	2	299.0	1	256.0	1	185.0	1
1966	299.0	10	260.0	10	239.0	12	229.0	10	209.0	10	178.0	10	142.0	10	120.0	11	90.0	11
1967	191.0	18	169.0	19	146.0	19	126.0	19	121.0	19	101.0	19	83.0	19	77.0	17	61.0	15
1968	468.0	7	450.0	6	425.0	6	371.0	6	346.0	6	257.0	6	214.0	6	186.0	6	135.0	5
1969	259.0	12	250.0	12	240.0	11	216.0	12	187.0	12	161.0	11	142.0	11	124.0	10	100.0	10
1970	600.0	1	450.0	7	321.0	9	294.0	9	247.0	9	199.0	9	159.0	9	131.0	9	121.0	7
1971	178.0	19	175.0	18	168.0	18	157.0	18	140.0	18	109.0	17	88.0	17	79.0	16	61.0	16
1972	204.0	17	201.0	16	196.0	16	189.0	15	173.0	14	141.0	13	116.0	13	98.0	13	74.0	13
1973	580.0	2	570.0	1	524.0	1	411.0	5	376.0	4	335.0	4	263.0	4	211.0	4	149.0	4
1974	128.0	21	125.0	21	120.0	21	109.0	21	101.0	21	82.0	20	67.0	20	60.0	20	48.0	20
1975	484.0	6	473.0	4	440.0	5	423.0	4	392.0	3	338.0	3	272.0	3	220.0	3	154.0	3

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
GOOSE CREEK AT WAGONWHEEL GAP, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1956	10.00	5	12.00	7	13.00	8	13.00	7	14.00	8	14.00	6	15.00	6	15.00	7	17.00	6
1957	9.60	1	9.90	1	10.00	1	11.00	1	11.00	1	13.00	3	13.00	2	13.00	1	13.00	1
1958	12.00	9	13.00	10	13.00	9	15.00	14	18.00	18	18.00	17	19.00	17	20.00	17	21.00	13
1959	10.00	2	12.00	8	12.00	5	12.00	4	13.00	4	13.00	4	13.00	3	14.00	3	17.00	7
1960	12.00	10	13.00	11	14.00	10	15.00	15	16.00	13	17.00	16	17.00	13	18.00	14	23.00	16
1961	11.00	6	12.00	9	13.00	6	13.00	5	14.00	5	15.00	7	15.00	7	15.00	4	17.00	8
1962	15.00	16	15.00	15	15.00	15	15.00	16	15.00	9	16.00	13	17.00	14	18.00	15	21.00	14
1963	11.00	7	11.00	4	11.00	2	11.00	2	12.00	2	12.00	1	14.00	4	15.00	5	18.00	9
1964	10.00	3	10.00	2	11.00	3	11.00	3	12.00	3	12.00	2	12.00	1	13.00	2	15.00	2
1965	16.00	18	16.00	18	16.00	18	16.00	17	16.00	14	16.00	14	16.00	8	17.00	13	17.00	3
1966	20.00	20	20.00	20	21.00	20	21.00	20	21.00	20	22.00	20	23.00	20	24.00	19	32.00	19
1967	14.00	13	14.00	12	14.00	11	14.00	8	14.00	6	15.00	8	16.00	9	16.00	8	18.00	10
1968	14.00	14	14.00	13	14.00	12	14.00	9	14.00	7	14.00	5	15.00	5	15.00	6	17.00	4
1969	12.00	11	12.00	5	13.00	7	13.00	6	15.00	10	15.00	9	16.00	10	16.00	9	19.00	11
1970	18.00	19	18.00	19	18.00	19	19.00	19	20.00	19	21.00	19	22.00	19	24.00	20	32.00	20
1971	10.00	4	11.00	3	12.00	4	14.00	10	15.00	11	16.00	10	18.00	16	19.00	16	26.00	18
1972	15.00	17	15.00	16	15.00	16	16.00	18	17.00	17	19.00	18	21.00	18	22.00	18	24.00	17
1973	14.00	15	15.00	17	15.00	17	15.00	11	16.00	15	16.00	11	16.00	11	17.00	10	23.00	15
1974	11.00	8	12.00	6	14.00	13	15.00	12	17.00	16	17.00	15	17.00	15	17.00	11	20.00	12
1975	13.00	12	14.00	14	15.00	14	15.00	13	15.00	12	16.00	12	16.00	12	17.00	12	17.00	5

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
28.9	21.5	18.0	16.2	16.9	21.7	52.5	159	205	88.4	48.2	37.0
159	36.6	21.9	8.75	6.98	36.6	582	4252	13280	5375	909	1169
12.6	6.05	4.68	2.96	2.64	6.05	24.1	65.2	115	73.3	30.1	34.2
1.37	0.99	1.58	0.55	0.66	1.10	1.94	0.55	0.67	1.47	1.85	3.60
0.44	0.28	0.26	0.18	0.16	0.28	0.46	0.41	0.56	0.83	0.62	0.92
4.05	3.01	2.53	2.27	2.36	3.05	7.36	22.3	28.7	12.4	6.76	5.19

08218500 GOOSE CREEK AT WAGONWHEEL GAP, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.43	1.32	1.24	1.20	1.22	1.32	1.69	2.17	2.24	1.83	1.62	1.48
0.03	0.01	0.01	0.01	0.00	0.01	0.03	0.03	0.07	0.10	0.05	0.06
0.17	0.12	0.10	0.08	0.07	0.11	0.17	0.18	0.26	0.31	0.22	0.24
0.66	0.40	1.25	0.19	0.22	0.80	0.90	-0.03	-0.33	0.67	0.77	1.61
0.12	0.09	0.08	0.07	0.05	0.08	0.10	0.08	0.12	0.17	0.14	0.16
7.60	7.02	6.63	6.40	6.51	7.05	8.99	11.5	11.9	9.76	8.64	7.90

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
59.6	479	21.9	0.40	0.37	-0.392

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.75	0.03	0.16	0.03	0.09	-0.382

08219500 SOUTH FORK RIO GRANDE AT SOUTH FORK, COLO.

LOCATION.--Lat 37°39'25", long 106°38'55", in SW¼NE¼ sec.3, T.39 N., R.3 E., Rio Grande County, on left bank near U.S. Highway 160, 700 ft (210 m) downstream from Church Creek, 0.8 mi (1.3 km) southwest of village of South Fork, and 1.4 mi (2.3 km) upstream from mouth.

DRAINAGE AREA.--216 mi² (559 km²).

REMARKS.--Transmountain diversions from Colorado River Basin to drainage area above station through Treasure Pass ditch. Natural flow of stream affected by a few small diversions for irrigation, slight regulation by Beaver Creek Reservoir (capacity, 4,760 acre-ft or 5.87 hm³), and several smaller storage reservoirs.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH FORK RIO GRANDE AT SOUTH FORK, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1913							31	33	67	31	33	31	3	18	14	2	10	4	6	10	12	8	8	13	7	9	13	2							
1914								29	31	39	36	24	8	14	31	20	25	19	11	4	10	7	7	9	5	8	5	8	12	3					
1915				7	6	17	22	18	18	20	24	23	17	17	26	19	19	16	13	11	5	7	8	8	13	4	8	5	7	7					
1916						3	18	22	31	73	5	2	14	7	13	11	27	9	16	13	12	5	8	8	6	13	8	10	11	12	7	2			
1917								28	31	3	33	38	14	17	22	25	17	10	18	8	12	5	9	8	13	8	3	6	10	3	4	11	9		
1918						32	51	12	18	43	9	31	28	20	10	8	13	5	10	12	9	8	4	7	9	12	7	4	3						
1919							61	45	34	35	22	24	11	1	7	4	4	13	13	3	8	4	14	17	11	12	6	2	9	5					
1920								32	46	47	67	16	11	10	10	13	10	6	8	2	6	2	7	5	4	5	7	4	4	11	8	14	11		
1921								30	45	52	17	17	10	13	18	14	35	6	13	16	12	5	8	10	3	8	9	2	5	9	3	4	1		
1922						3	20	29	79	48	7	33	3	11	18	10	4	9	9	4	5	3	3	5	8	6	2	5	10	12	3	7	5	4	
1937							1	24	99	62	37	26	14	3	3	1	3	3	4	4	4	7	7	5	6	3	17	12	9	4	7				
1938				1	2	3	48	49	57	17	13	9	18	10	17	8	7	11	3	6	6	9	5	3	4	6	15	8	10	8	11	1			
1939								49	49	26	33	35	24	21	11	16	19	17	10	5	2	3	7	12	4	20	2								
1940						4	19	53	50	50	52	14	19	18	8	11	3	6	6	10	5	2	12	17	7										
1941						20		32	91	22	13	7	17	17	13	8	7	9	11	7	5	3	6	4	5	4	4	7	14	17	12	10			
1942							8	76	22	12	45	11	5	7	9	8	15	19	23	12	13	20	10	9	3	6	4	2	8	17	1				
1943						3	54	53	23	70	27	12	13	9	4	2	8	10	3	8	14	5	16	12	10	8	1								
1944						14	47	74	63	17	14	8	10	10	6	5	7	8	4	1	3	2	8	1	5	4	8	7	16	21	3				
1945							15	62	80	35	17	16	13	13	9	7	10	6	4	1	5	1	7	12	13	15	15	3	6						
1946				1	1	6	63	46	53	32	21	21	20	11	11	5	7	4	14	10	13	15	3	4	2	2									
1947				7	9	9	11	26	47	15	27	27	34	15	23	11	11	11	12	8	4	6	8	11	7	15	11								
1948						3	25	39	31	39	21	28	24	7	18	9	11	8	4	5	8	5	7	8	20	5	5	2	4	8	9	8	3	2	
1949					2	20	37	36	52	28	24	18	13	8	6	6		5	8	12	2	3	4	8	14	12	7	6	11	9	3	4	3	3	1
1950				2	5	7	20	34	35	46	56	28	13	5	4	1	2	13	12	12	9	8	12	11	13	13	4								
1951			2	36	9	26	71	23	29	32	17	9	11	4	8	9	11	12	9	9	5	19	4	4		4	2								
1952						2	23	72	51	24	12	12	10	5	9	12	10	10	10	6	9	7	9	7	8	4	12	7	12	7	6		3	5	2
1953					9	21	83	24	17	21	20	22	13	20	17	16	9	19	7	9	5	4	1	3	7	11	5	1	1						
1954			2	25	20	35	42	23	22	24	26	10	12	8	14	15	17	7	14	11	10	8	12	7	1										
1955			29	49	27	33	26	32	16	9	6	5	7	12	19	18	10	6	7	7	8	7	10	12	7	3									
1956		1	2	14	25	78	74	14	11	12	14	7	5	2	13	9	12	15	6	5	3	4	7	7	4	10	5	3	4						
1957				50	3	45	38	20	10	21	4	11	7	3	4	3	5	13	12	8	20	13	9	11	7	4	4	2	7	9	10	11	1		
1958							31	60	11	63	25	27	16	12	6	4	11	18	18	6	8	3	3	6	6	4	3	2	8	7	7				
1959				33	66	13	20	33	27	30	8	10	18	17	5	7	8	12	14	5	10	6	14	9											
1960						29	32	42	13	35	18	5	10	5	14	22	30	10	17	8	7	13	8	4	7	9	14	10	4						
1961		5	30	43	26	11	23	9	13	27	25	13	10	7	11	21	18	4	3	6	5	7	9	7	15	3	8	6							
1962								1	37	106	31	23	13	18	11	10	18	5	3	3	1	3	2	5	7	17	24	7	14	3	3				
1963				31	31	10	52	16	32	44	29	15	5	2	11	10	13	15	12	5	6	5	2	16	3										
1964			10	53	53	5	27	26	6	12	18	10	15	10	20	12	22	12	13	5	1	5	6	5	6	2	5	3	4						
1965							33	95	32	9	5	3	15	19	13	4	8	5	2	10	12	6	6	10	11	10	6	8	19	8	7	5	4		

08219500 SOUTH FORK RIO GRANDE AT SOUTH FORK, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH FORK RIO GRANDE AT SOUTH FORK, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1966								9	29	65	24	33	28	12	14	12	17	30	22	12	5	3	4	8	10	7	8	8	5						
1967					25	20	8	22	18	42	25	9	9	17	27	22	30	14	10	10	8	5	2	11	16	6	8	1							
1968					32	37	38	20	9		40	16	9	6	13	13	10	7	26	16	9	11	11	5	2	2	4	5	12	6	5	2			
1969						23	29	43	37	32	11	5	3	13	18	12	10	11	12	15	12	12	16	16	7	6	7	3	6	6					
1970						4	35	25	14	32	18	11	25	25	22	6	36	12	13	16	6	4	6	5	22	5	4	6	4	8	1				
1971						5	5	12	27	59	41	40	22	8	28	7	15	18	11	10	6	11	4	7	7	12	10								
1972						2	22	46	45	38	35	37	21	12	10	9	9	5	6	11	5	6	14	17	15	1									
1973						1	2	1	34	90	30	17	30	28	8	6	12	5	9	5	6	4	5	6	6	3	4	7	21	12	7	3	3		
1974				1	4	9	84	46	29	24	21	18	28	11	19	6	5	3	4	12	3	6	8	4	8	5	7								
1975				2	24	62	57	26	21	10	9	13	11	9	7	3	4	9	10	6	3	5	4	3	3	3	11	7	20	10	9	4			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	17896	100.0	12	81.0	708	7860	43.9	24	550	370	1976	11.0
1	14.00	6	17896	100.0	13	95.0	557	7152	40.0	25	650	329	1606	8.9
2	16.00	75	17890	100.0	14	110.0	655	6595	36.9	26	760	312	1277	7.1
3	19.00	355	17815	99.5	15	130.0	484	5940	33.2	27	890	181	965	5.3
4	23.00	383	17460	97.6	16	150.0	627	5456	30.5	28	1000	290	784	4.3
5	27.00	630	17077	95.4	17	180.0	504	4829	27.0	29	1200	222	494	2.7
6	31.00	1440	16447	91.9	18	210.0	509	4325	24.2	30	1400	126	272	1.5
7	37.00	1668	15007	83.9	19	250.0	395	3816	21.3	31	1700	86	146	.8
8	43.00	1742	13339	74.5	20	290.0	354	3421	19.1	32	2000	43	60	.3
9	50.00	1725	11597	64.8	21	340.0	330	3067	17.1	33	2300	14	17	
10	59.00	1127	9872	55.2	22	400.0	369	2737	15.3	34	2700	3	3	
11	69.00	885	8745	48.9	23	470.0	392	2368	13.2					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH FORK RIO GRANDE AT SOUTH FORK, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1913	920.0	34	867.0	34	852.0	33	806.0	33	724.0	32	584.0	31	490.0	29	395.0	29	283.0	32
1914	1200.0	25	1180.0	25	1120.0	25	1040.0	25	987.0	21	750.0	22	590.0	23	487.0	22	367.0	22
1915	1340.0	23	1310.0	21	1210.0	23	1130.0	22	950.0	22	729.0	23	566.0	26	480.0	24	346.0	25
1916	1920.0	12	1750.0	13	1570.0	14	1440.0	14	1250.0	14	1070.0	13	882.0	12	729.0	12	537.0	[illegible]
1917	2270.0	5	2170.0	6	2100.0	4	2020.0	2	1770.0	2	1290.0	4	991.0	6	803.0	5	565.0	[illegible]
1918	1050.0	31	1040.0	31	993.0	29	886.0	28	766.0	29	601.0	29	482.0	30	393.0	30	291.0	29
1919	1350.0	22	1300.0	22	1190.0	24	1170.0	20	901.0	25	751.0	21	634.0	20	530.0	20	377.0	21
1920	2150.0	7	2120.0	7	2020.0	5	2010.0	3	1890.0	1	1500.0	1	1160.0	1	918.0	1	633.0	1
1921	2060.0	9	1960.0	9	1820.0	10	1540.0	12	1280.0	13	921.0	17	725.0	17	593.0	17	439.0	16
1922	2540.0	3	2430.0	3	2230.0	3	1770.0	5	1720.0	3	1310.0	3	998.0	4	787.0	6	546.0	7
1937	1670.0	16	1630.0	16	1540.0	16	1340.0	17	1130.0	19	956.0	15	757.0	16	594.0	16	409.0	17
1938	1720.0	15	1680.0	14	1640.0	13	1510.0	13	1340.0	12	1020.0	14	850.0	13	675.0	13	481.0	13
1939	778.0	42	740.0	42	707.0	40	694.0	40	647.0	39	515.0	37	403.0	38	330.0	38	237.0	38
1940	523.0	48	515.0	48	489.0	48	445.0	49	435.0	46	349.0	45	269.0	48	221.0	49	163.0	49
1941	1970.0	11	1930.0	11	1860.0	9	1620.0	9	1400.0	10	1350.0	2	1080.0	2	864.0	2	602.0	2
1942	1440.0	20	1390.0	20	1330.0	20	1320.0	18	1200.0	17	864.0	18	680.0	18	560.0	18	390.0	19
1943	854.0	37	748.0	41	703.0	41	618.0	41	543.0	41	489.0	38	411.0	37	336.0	37	243.0	36
1944	1450.0	19	1420.0	19	1340.0	19	1270.0	19	1240.0	15	1090.0	12	842.0	14	664.0	14	456.0	14
1945	1080.0	29	1060.0	28	950.0	31	869.0	31	846.0	27	728.0	24	593.0	21	476.0	25	336.0	26
1946	690.0	45	647.0	45	588.0	45	479.0	47	370.0	49	345.0	47	281.0	46	233.0	46	175.0	47
1947	839.0	40	821.0	39	780.0	38	748.0	36	661.0	38	590.0	30	465.0	31	379.0	32	286.0	30
1948	2500.0	4	2240.0	4	1990.0	6	1730.0	7	1680.0	4	1200.0	8	957.0	8	769.0	9	531.0	10
1949	2960.0	1	2690.0	1	2400.0	2	2000.0	4	1580.0	7	1200.0	9	974.0	7	787.0	7	543.0	8
1950	855.0	36	840.0	36	771.0	39	724.0	37	678.0	36	546.0	33	462.0	32	390.0	31	280.0	33
1951	790.0	41	770.0	40	697.0	42	561.0	44	467.0	44	364.0	44	291.0	44	242.0	45	177.0	45
1952	2740.0	2	2650.0	2	2510.0	1	2110.0	1	1640.0	5	1240.0	5	994.0	5	807.0	4	570.0	4
1953	1010.0	32	929.0	33	829.0	34	751.0	35	679.0	35	458.0	41	364.0	41	302.0	41	224.0	41
1954	578.0	46	543.0	47	513.0	47	484.0	46	433.0	47	348.0	46	287.0	45	246.0	44	186.0	44
1955	755.0	43	715.0	43	650.0	43	579.0	43	525.0	43	415.0	43	329.0	43	277.0	42	200.0	43
1956	1110.0	27	1050.0	29	1010.0	26	871.0	30	748.0	30	544.0	34	420.0	35	341.0	36	241.0	37
1957	2020.0	10	1940.0	10	1740.0	11	1650.0	8	1590.0	6	1170.0	11	922.0	11	769.0	8	551.0	6
1958	1480.0	18	1450.0	18	1430.0	17	1360.0	16	1140.0	18	782.0	20	585.0	24	473.0	26	333.0	27
1959	509.0	49	503.0	49	476.0	49	455.0	48	430.0	48	341.0	48	268.0	49	225.0	48	176.0	46
1960	1120.0	26	1090.0	26	997.0	28	944.0	26	867.0	26	691.0	27	576.0	25	481.0	23	347.0	24
1961	944.0	33	931.0	32	908.0	32	861.0	32	727.0	31	575.0	32	451.0	33	366.0	34	270.0	34
1962	1530.0	17	1470.0	17	1360.0	18	1100.0	24	989.0	20	931.0	16	808.0	15	648.0	15	451.0	15
1963	558.0	47	554.0	46	544.0	46	518.0	45	454.0	45	332.0	49	278.0	47	229.0	47	169.0	48
1964	1080.0	28	1060.0	27	1000.0	27	894.0	27	697.0	34	472.0	40	371.0	40	310.0	40	232.0	39
1965	2140.0	8	2110.0	8	1970.0	8	1760.0	6	1460.0	8	1210.0	7	1010.0	3	830.0	3	596.0	3
1966	1060.0	30	1050.0	30	964.0	30	884.0	29	839.0	28	650.0	28	514.0	28	429.0	28	311.0	28
1967	916.0	35	854.0	35	786.0	37	710.0	38	666.0	37	527.0	36	411.0	36	365.0	35	283.0	31
1968	1760.0	14	1660.0	15	1550.0	15	1390.0	15	1200.0	16	855.0	19	650.0	19	552.0	19	408.0	18
1969	1290.0	24	1280.0	24	1230.0	22	1120.0	23	919.0	23	710.0	25	592.0	22	508.0	21	381.0	20
1970	1410.0	21	1290.0	23	1260.0	21	1130.0	21	917.0	24	706.0	26	545.0	27	442.0	27	364.0	23
1971	846.0	38	832.0	37	807.0	35	764.0	34	703.0	33	535.0	35	435.0	34	367.0	33	269.0	35
1972	705.0	44	658.0	44	608.0	44	603.0	42	542.0	42	473.0	39	377.0	39	313.0	39	225.0	40
1973	2260.0	6	2220.0	5	1980.0	7	1560.0	10	1420.0	9	1220.0	6	943.0	9	745.0	10	514.0	11
1974	846.0	39	822.0	38	791.0	36	695.0	39	615.0	40	453.0	42	338.0	42	276.0	43	206.0	42
1975	1880.0	13	1830.0	12	1670.0	12	1550.0	11	1350.0	11	1180.0	10	926.0	10	741.0	11	510.0	12

08219500 SOUTH FORK RIO GRANDE AT SOUTH FORK, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH FORK RIO GRANDE AT SOUTH FORK, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1913	32.00	36	32.00	36	32.00	30	32.00	28	32.00	23	35.00	25	38.00	29	39.00	23	53.00	32
1914	38.00	42	40.00	44	42.00	46	42.00	46	42.00	44	43.00	42	46.00	40	54.00	44	63.00	39
1915	20.00	8	20.00	8	26.00	16	28.00	17	31.00	20	33.00	17	40.00	32	46.00	38	82.00	45
1916	28.00	29	30.00	28	32.00	31	35.00	36	40.00	39	42.00	37	43.00	36	45.00	35	51.00	30
1917	42.00	47	42.00	47	42.00	47	42.00	47	42.00	45	44.00	43	52.00	48	56.00	47	109.00	48
1918	27.00	26	27.00	22	28.00	19	29.00	18	30.00	17	31.00	14	32.00	12	36.00	14	44.00	23
1919	32.00	37	34.00	37	34.00	36	34.00	31	34.00	27	35.00	26	36.00	20	38.00	19	43.00	22
1920	40.00	45	40.00	45	40.00	44	40.00	42	40.00	40	42.00	38	48.00	43	51.00	42	56.00	34
1921	38.00	43	39.00	43	39.00	42	41.00	43	41.00	42	44.00	44	47.00	41	50.00	39	53.00	33
1922	30.00	30	31.00	33	33.00	34	34.00	32	36.00	34	42.00	39	43.00	37	44.00	33	50.00	28
1938	20.00	9	23.00	13	28.00	20	30.00	19	33.00	24	35.00	27	37.00	25	39.00	24	42.00	17
1939	42.00	46	42.00	46	42.00	45	42.00	44	42.00	43	44.00	45	47.00	42	54.00	45	75.00	43
1940	26.00	21	26.00	18	27.00	17	27.00	14	29.00	14	32.00	15	34.00	15	36.00	15	42.00	18
1941	30.00	31	30.00	29	30.00	23	30.00	20	34.00	28	39.00	34	40.00	33	41.00	27	51.00	29
1942	37.00	41	37.00	41	37.00	40	37.00	39	37.00	35	39.00	35	42.00	34	46.00	36	106.00	47
1943	28.00	27	31.00	30	32.00	32	35.00	33	35.00	29	37.00	31	38.00	26	39.00	25	42.00	19
1944	27.00	22	29.00	25	30.00	24	31.00	25	33.00	25	34.00	22	36.00	21	38.00	20	40.00	11
1945	34.00	39	35.00	38	37.00	41	37.00	40	40.00	41	42.00	40	43.00	38	43.00	32	47.00	26
1946	22.00	13	26.00	19	30.00	25	32.00	26	35.00	30	35.00	23	36.00	22	36.00	16	40.00	12
1947	21.00	10	21.00	9	22.00	9	23.00	9	27.00	12	33.00	18	37.00	23	42.00	30	52.00	31
1948	27.00	23	28.00	23	31.00	28	33.00	29	35.00	31	38.00	32	42.00	35	46.00	37	65.00	40
1949	23.00	17	26.00	20	27.00	18	30.00	21	32.00	21	33.00	19	35.00	16	37.00	17	41.00	13
1950	22.00	14	23.00	14	25.00	13	27.00	15	31.00	18	36.00	28	38.00	27	43.00	31	50.00	27
1951	18.00	5	18.00	4	20.00	6	20.00	5	21.00	5	24.00	7	26.00	6	28.00	7	35.00	8
1952	27.00	24	32.00	34	33.00	33	34.00	30	38.00	36	39.00	33	39.00	30	41.00	28	42.00	14
1953	24.00	19	24.00	15	25.00	14	27.00	16	29.00	15	30.00	13	32.00	13	33.00	12	46.00	24
1954	18.00	6	18.00	5	19.00	4	21.00	6	21.00	6	24.00	8	27.00	8	29.00	8	35.00	9
1955	16.00	3	16.00	2	17.00	2	18.00	3	18.00	1	19.00	1	21.00	3	23.00	3	28.00	1
1956	15.00	2	20.00	6	24.00	10	26.00	12	27.00	13	28.00	10	29.00	10	29.00	9	31.00	6
1957	21.00	11	21.00	10	21.00	7	21.00	7	21.00	7	23.00	6	26.00	7	27.00	6	28.00	2
1958	35.00	40	35.00	39	35.00	37	35.00	34	35.00	32	36.00	29	37.00	24	41.00	29	62.00	37
1959	20.00	7	20.00	7	20.00	5	20.00	4	20.00	4	21.00	4	22.00	4	24.00	4	30.00	5
1960	30.00	32	30.00	26	30.00	26	30.00	22	30.00	16	33.00	20	35.00	17	39.00	21	63.00	38
1961	14.00	1	15.00	1	16.00	1	16.00	1	18.00	2	19.00	2	19.00	1	21.00	1	29.00	4
1962	45.00	48	45.00	48	45.00	48	45.00	48	45.00	47	47.00	46	50.00	45	50.00	40	61.00	35
1963	22.00	15	22.00	11	22.00	8	22.00	8	22.00	8	22.00	5	26.00	5	27.00	5	38.00	10
1964	17.00	4	17.00	3	18.00	3	18.00	2	19.00	3	20.00	3	21.00	2	22.00	2	28.00	3
1965	32.00	38	35.00	40	36.00	39	36.00	37	36.00	33	37.00	30	38.00	28	39.00	22	43.00	20
1966	39.00	44	39.00	42	40.00	43	42.00	45	46.00	48	49.00	48	52.00	46	57.00	48	87.00	46
1967	23.00	18	24.00	16	24.00	11	25.00	10	25.00	9	29.00	12	35.00	18	40.00	26	46.00	25
1968	25.00	20	26.00	21	26.00	15	26.00	11	26.00	10	28.00	11	29.00	11	31.00	11	42.00	15
1969	27.00	25	28.00	24	29.00	21	30.00	23	31.00	19	33.00	21	36.00	19	37.00	18	43.00	21
1970	30.00	33	31.00	31	31.00	27	32.00	27	34.00	26	35.00	24	39.00	31	45.00	34	73.00	42
1971	30.00	34	32.00	35	35.00	38	40.00	41	44.00	46	48.00	47	52.00	47	54.00	46	70.00	41
1972	28.00	28	30.00	27	34.00	35	37.00	38	39.00	37	40.00	36	45.00	39	50.00	41	62.00	36
1973	30.00	35	31.00	32	32.00	29	35.00	35	39.00	38	43.00	41	49.00	44	52.00	43	76.00	44
1974	22.00	16	24.00	17	30.00	22	31.00	24	32.00	22	32.00	16	33.00	14	34.00	13	42.00	16
1975	21.00	12	22.00	12	25.00	12	27.00	13	27.00	11	27.00	9	28.00	9	29.00	10	33.00	7

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
83.2	56.8	41.2	35.4	39.3	61.5	212	666	822	266	112	80.2
3703	682	163	80.3	85.7	503	6595	57280	200800	35990	2787	2830
60.8	26.1	12.8	8.96	9.26	22.4	81.2	239	448	190	52.8	53.2
2.30	1.28	0.69	-0.28	-0.01	1.20	0.92	0.60	0.47	1.25	1.20	3.29
0.73	0.46	0.31	0.25	0.24	0.36	0.38	0.36	0.55	0.71	0.47	0.66
3.36	2.29	1.67	1.43	1.59	2.48	8.58	26.9	33.2	10.7	4.53	3.24

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.84	1.71	1.60	1.53	1.58	1.76	2.30	2.80	2.84	2.32	2.01	1.85
0.06	0.03	0.02	0.01	0.01	0.02	0.03	0.02	0.07	0.09	0.04	0.04
0.24	0.18	0.13	0.12	0.11	0.15	0.16	0.16	0.26	0.30	0.19	0.21
1.15	0.36	-0.03	-0.72	-0.70	0.04	0.09	-0.03	-0.26	0.05	0.32	0.87
0.13	0.11	0.08	0.08	0.07	0.09	0.07	0.06	0.09	0.13	0.09	0.11
7.64	7.10	6.61	6.35	6.55	7.30	9.51	11.6	11.8	9.62	8.32	7.64

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
207	5298	72.8	0.23	0.35	-0.029

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.29	0.03	0.16	-0.22	0.07	-0.006

08220000 RIO GRANDE NEAR DEL NORTE, COLO.

LOCATION.--Lat 37°41'22", long 106°27'38", in NW¼ sec.29, T.40 N., R.5 E., Rio Grande County, on right bank 20 ft (6 m) downstream from county highway bridge, 6.0 mi (9.7 km) west of Del Norte, and 6.8 mi (10.9 km) upstream from Pinos Creek.

DRAINAGE AREA.--1,320 mi² (3,420 km²), approximately.

REMARKS.--Small diversions above station for irrigation. Flow regulated by Beaver Creek Reservoir since 1910, Santa Maria Reservoir since 1912, Rio Grande Reservoir since 1913, and Continental Reservoir since 1925 (total capacity, 126,100 acre-ft or 155 hm³), and by several smaller reservoirs. Transmountain diversions to drainage area above station from Colorado River Basin.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30 †

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE NEAR DEL NORTE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1891									28	32	79	25	35	14	8	4	17	8	16	10	8	4	16	10	11	8	8	12	12						
1892									50	39	81	28	14	14	18	14	9	8	15	6	9	8	28	11	3	6	2	3							
1893							90		99	28	34	19	20	6	2	5	12	4	6	3	3	4	7	9	8	6									
1894							91	10	41	38	30	37	17	12	17	11	5	2	4	4	8	12	8	8	5	5									
1895								59	39	21	29	21	21	15	16	17	12	16	10	11	7	7	20	17	21	5	1								
1896									18	81	68	41	28	38	12	6	4	1	8	11	14	4	7	8	11	6									
1905									59	8	74	15	16	33	5	18	21	13	14	11	12	6	8	5	4	5	6	5	5	8	6	5	3		
1906							59	31	4	15	42	25	15	7	12	32	4	4	7	10	14	8	11	9	9	4	16	6	6	7	8				
1909							14	96	25	9	38					34	21	11	19	12	9	3	6	7	11	18	5	13	8	5	1				
1910										25	68	35	48	29	30	26	17	6	13	5	7	2	4	13	11	8	6	8	4						
1911							6	18	61	48	18	18	7	12	19	17	19	4	10	10	8	2	9	12	9	16	8	21	10	3					
1912								3	12	30	34	48	24	48	6	21	10	9	11	8	25	5	13	7	7	8	9	2	3	18	3		1		1
1913							98	8	33	3	18	33	20	13	4	23	8	8	20	19	12		16	17	6	2	4								
1914					1			10	61	62	10	4	11	25	21	13	31	8	8	9	1	6	29	14	7	7	10	12	2	3					
1915					1	9	45	31	31	22	5	9	11	20	16	29	9	13	22	6	16	13	16	13	6	8	8	6							
1916							12	22	47	25	15	5	7	35	29	19	17	5	10	3	14	10	23	25	12	15	13	3							
1917								15	34	32	9	38	14	12	23	20	19	12	16	16	14	13	18	13	6	7	6	2	3	7	13	3			
1918					5	11	34	51	21	16	16	35	13	28	7	14	18	8	21	15	11	4	14	13	2	6	2								
1919								1105	12	31	12	13	21	15	11	10	11	2	5	6	19	15	26	12	11	8	7	4	8						
1920								1	61	67	26	25	35	11	11	10	9	2	6	5	4	4	24	7	3	7	5	12	3	12	16				
1921								4	51	37	12	42	30	10	11	21	9	4	5	13	17	6	17	21	8	12	3	10	9	3	2	4	4		
1922								3	18	86	26	25	16	7	26	14	14	5	8	9	19	15	11	7	6	5	6	12	12	7	6	2			
1923								62	50	51	8	11	10	7	7	15	8	9	6	12	25	12	17	8	6	18	13	9	1						
1924										112	25	12	7	15	27	14	13	8	22	20	14	7	19	14	3	7	6	6	15						
1925				3	1	7	1	98	11	7	19	35	4	12	10	12	6	8	20	18	23	10	23	14	14	9									
1926							1	2	66	36	14	12	54	16	15	8	17	6	9	21	30	7	18	4	5	8	4	10	2						
1927					1			59	76	25	11	12	8	2	3	3	10	3	11	16	29	9	14	14	19	25	5	2	2	2	1		1	2	
1928									2	40	75	43	18	12	13	5	16	10	24	10	19	13	18	20	6	13	4	5							
1929									92	61	12	14	6	2	7	2	1	4	22	21	18	21	17	8	18	22	10	2	5						
1930								31	97	7	14	15	8	10	12	17	22	20	20	24	26	7	14	6	7	6	2								
1931					31	1	33	82	31	12	16	22	36	15	11	17	5	8	10	3	9	3	16	4											
1932					6	2	65	34	9	37	13	12	12	7	7	8	6	10	6	5	15	23	15	16	8	12	16	19	3						
1933					3	69	36	5	37	14	25	23	18	26	13	9	12	7	7	4	13	8	9	7	3	9	8								
1934							51	37	53	44	24	18	12	8	5	4	3	5	6	12	10	3	7	9											
1935			1	13	16	42	23	40	32	14	10	11	9	8	13	8	10	4	22	22	7	7	4	11	7	4	11	7	8	1					
1936			3	9	4	28	56	22	35	17	19	19	15	18	18	13	6	4	12	6	15	15	11	19		2									
1937					7	8	80	53	41	20	5	7	1	3	4	12	5	4	18	26	12	5	15	18	9	10	2								
1938					1	3	58	45	46	27	7	3	1	12	7	9	7	14	10	20	16	5	20	10	6	4	14	11	6	3					
1939							1	7	73	45	20	26	24	24	20	22	7	8	22	11	5	1	15	15	14	5									
1940				19	28	44	47	29	39	44	23	15	8	4	7	10	6	2	6	9	15	2	4	5											
1941				2	4	45	68	10	11	9	23	19	7	10	8	13	9	8	3	7	15	8	12	8	2	11	18	18	5	5	7				
1942			1	4	16	47	20	4	13	14	9	10	12	11	5	16	9	13	28	20	34	7	17	11	5	5	4	6	16	8					
1943						1	17	40	54	39	21	24	13	9	26	28	6	10	9	10	11	16	16	5	9	1									
1944					1	11	50	44	23	20	46	19	11	5	7	4	6	5	8	14	15	9	8	4	2	6	8	23	11	6					
1945					5	11	64	46	38	23	19	13	13	7	11	11	13	7	3	7	13	6	16	18	14	7									
1946			4	13	44	28	19	25	21	26	18	22	32	14	7	15	5	7	15	9	7	9	10	6	7	2									
1947					9	15	50	26	24	22	21	17	13	3	19	28	24	6	5	4	9	5	19	17	10	14	5								
1948					1	2	17	45	50	23	19	18	15	16	15	6	3	4	17	8	17	15	21	11	5	3	4	5	4	7	13	2			
1949					1	9	53	51	17	21	30	21	15	2	4	2	5		13	11	16	14	10	15	9	10	11	6	3	6	7	2	1		
1950						6	25	52	47	34	46	15	10	10	16	10	2	7	19	6	6	11	31	7	4	1									
1951		6	7	15	28	47	69	26	21	21	21	11	23	8	4	6	7	6	5	4	12	6	6		2	4									
1952					20	64	78	17	5		4	6	18	4	3	7	3	6	11	18	17	11	7	9	10	17	11	9	6	5					
1953						9	62	58	50	17	23	33	8	10	22	11	15	7	3	3	5	1	3	6	7	8	4								
1954					20	34	82	30	23	14	10	8	13	19	23	14	10	6	24	7	11	6	3	4	3	1									
1955				10	44	38	45	20	28	14	16	13	29	24	11	8	6	2	11	9	7	9	10	4	4	1	2								
1956			1	4	40	84	90	18	11	7	8	17	13	3	8	6	4	4	6	5	4	6	10	7	8	2									
1957		6	23	41	58	21	25	7	10		1	4	5	10	8	5	6	5	15	10	22	11	11	11	6	5	12	15	6	6					
1958					1	8	37	23	45	17	19	46	23	17	11	1	3	1	9	15	15	16	9	5	10	8	6	8	7	5					
1959			3	26	25	22	54	38	29	23	29	16	13	11	9	13	6	2	8	5	9	3	9	6	6										
1960					1	36	60	27	31	14	12	21	12	22	11	6	7	9	15	14	10	4	5	8	9	17	13	2							
1961				14	35	22	63	21	13	18	16	28	25	13	12	5	11	2	13	5	8	2	10	2	9	10	8								
1962							3	60	62	26	21	19	13	23	4	1	3	5	5	13	11	11	17	15	19	16	15	3							
1963				1	11	50	56	12	34	33	37	23	16	10	15	11	11	8	8	1	4	6	10	5	3										
1964		4	1	39	51	17	25	33	36	10	15	14	19	24	20	10	5	2	4	2	6	9	6	1	2	2	9								
1965			1	48	62	19	18	12	21	11	5	1	3	4	3	11	6	9	8	15	4	2	17	19	8	12	20	19	5	2					
1966							15	43	44	33	28	17	12	10	19	26	23	5	1	6	20	10	15	11	10	12	5								
1967				4	39	20	39	33	30	17	12	23	28	26	20	7	8	4	9	2	11	6	16	5	6										
1968				1	30	46	64	13	8	13	18	8	13	11	15	5	8	4	13	16	23	8	13	1	1	8	7	14	5						
1969						2	34	81	34	10	20	3	7	28	24	9	4	1	9	14	18	21	17	4	3	9	6	7							
1970					1	9	40	51	22	21	8	12	11	22	33	15	6	6	14	7	16	12	18	12	8	3	12	6							

08220000 RIO GRANDE NEAR DEL NORTE, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE NEAR DEL NORTE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1971						2	20	40	51	35	30	21	17	23	19	15	10	7	12	14	12	5	10	2	20										
1972					1	8	34	45	62	45	27	20	13	13	7	8	10	7	4	6	12	8	10	10	8	8									
1973							72	43	31	14	20	18	15	7	12	14	5	2	4	9	14	11	7	5	6	10	13	22	8	3					
1974					4	25	74	62	25	21	36	38	9	5	3	6	6	3	5	3	11	7	13	7	2										
1975				16	60	24	57	22	16	2	13	7	9	10	12	5	5	3	6	7	6	3	14	7	3	10	20	19	7	2					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	27393	100.0	12	410.0	1182	12610	46.0	24	2700	542	2366	8.6
1	74.00	16	27393	100.0	13	480.0	1049	11428	41.7	25	3100	549	1824	6.6
2	86.00	45	27377	99.9	14	560.0	949	10379	37.9	26	3600	433	1275	4.6
3	100.00	282	27332	99.8	15	650.0	924	9430	34.4	27	4200	384	842	3.0
4	120.00	717	27050	98.7	16	760.0	726	8506	31.1	28	5000	210	458	1.6
5	140.00	1006	26333	96.1	17	890.0	470	7780	28.4	29	5800	134	248	.9
6	160.00	2455	25327	92.5	18	1000.0	849	7310	26.7	30	6800	83	114	.4
7	190.00	2351	22872	83.5	19	1200.0	768	6461	23.6	31	7900	18	31	.1
8	220.00	2635	20521	74.9	20	1400.0	983	5693	20.8	32	9200	10	13	
9	260.00	2035	17886	65.3	21	1700.0	603	4710	17.2	33	11000	2	3	
10	300.00	1785	15851	57.9	22	1900.0	1013	4107	15.0	34	13000	1	1	
11	350.00	1456	14066	51.3	23	2300.0	728	3094	11.3					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE NEAR DEL NORTE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1891	5650.0	27	5560.0	26	5180.0	27	4860.0	25	4220.0	26	3710.0	21	3190.0	21	2670.0	21	1950.0	23
1892	4710.0	35	4530.0	35	4040.0	41	3370.0	45	2880.0	47	2450.0	47	2010.0	47	1670.0	47	1220.0	49
1893	3320.0	61	3290.0	59	3230.0	54	2810.0	60	2650.0	56	1880.0	62	1430.0	63	1170.0	64	870.0	65
1894	3570.0	54	3320.0	58	3000.0	61	2900.0	57	2460.0	60	1920.0	60	1490.0	62	1220.0	62	928.0	61
1895	3690.0	52	3570.0	51	3410.0	48	2980.0	55	2590.0	58	2560.0	43	2250.0	43	1950.0	41	1480.0	43
1896	3510.0	57	3480.0	54	3290.0	52	3010.0	51	2470.0	59	2110.0	56	1650.0	59	1360.0	59	1010.0	59
1905	10000.0	3	9660.0	3	8850.0	2	8040.0	1	6770.0	1	4800.0	3	3590.0	10	2890.0	14	2050.0	20
1906	7670.0	10	7460.0	11	7190.0	10	6320.0	9	5490.0	9	4510.0	9	3620.0	9	3030.0	10	2210.0	10
1909	6870.0	12	6580.0	12	6250.0	12	5630.0	12	4780.0	14	4060.0	17	3200.0	20	2620.0	22	2130.0	13
1910	5260.0	31	5020.0	32	4780.0	31	4010.0	34	3760.0	32	3160.0	34	2460.0	35	2030.0	38	1500.0	40
1911	6450.0	18	6230.0	16	5930.0	16	5560.0	14	4980.0	13	4290.0	12	3680.0	8	3060.0	8	2260.0	8
1912	14000.0	1	10400.0	2	6640.0	11	6470.0	7	5700.0	8	4200.0	13	3310.0	17	2720.0	19	1950.0	24
1913	3810.0	49	3740.0	48	3440.0	47	3000.0	52	2720.0	51	2260.0	51	1900.0	49	1650.0	48	1250.0	48
1914	5820.0	23	5820.0	21	5400.0	21	4910.0	24	4390.0	23	3480.0	26	3000.0	24	2490.0	31	1890.0	27
1915	4500.0	39	4430.0	36	4310.0	34	4010.0	35	3470.0	36	2830.0	37	2420.0	38	2060.0	37	1560.0	36
1916	4690.0	36	4620.0	34	4190.0	38	3610.0	40	3460.0	37	3190.0	33	2800.0	31	2550.0	26	1930.0	25
1917	8250.0	7	8210.0	6	7890.0	5	7540.0	3	6600.0	3	4680.0	6	3690.0	7	3030.0	9	2190.0	12
1918	3720.0	50	3620.0	49	3380.0	50	3040.0	50	2650.0	57	2150.0	53	1800.0	53	1560.0	51	1200.0	50
1919	5770.0	25	5650.0	24	5260.0	24	4930.0	23	3730.0	33	3240.0	31	2820.0	30	2500.0	29	1850.0	30
1920	7710.0	9	7580.0	9	7310.0	9	7100.0	5	6640.0	2	5300.0	1	4260.0	1	3480.0	1	2450.0	2
1921	9630.0	5	9460.0	4	9150.0	1	7660.0	2	6310.0	5	4710.0	5	3940.0	3	3360.0	2	2490.0	1
1922	8000.0	8	7950.0	8	7520.0	6	6210.0	10	5980.0	6	4850.0	2	3860.0	4	3270.0	4	2350.0	4
1923	5210.0	32	4960.0	33	4490.0	33	4110.0	32	3910.0	29	3390.0	29	2860.0	29	2500.0	30	1900.0	26
1924	5720.0	26	5560.0	27	5390.0	22	5120.0	19	4040.0	27	3620.0	24	2960.0	26	2540.0	27	1870.0	28
1925	3400.0	58	3190.0	61	3120.0	56	2900.0	58	2860.0	49	2500.0	46	2210.0	44	1970.0	40	1550.0	37
1926	5450.0	29	5130.0	30	4920.0	30	4510.0	30	3880.0	30	2930.0	36	2450.0	36	2140.0	34	1570.0	34
1927	12600.0	2	11500.0	1	8350.0	3	5630.0	13	4230.0	25	3610.0	25	3090.0	22	2700.0	20	2230.0	9
1928	4520.0	38	4420.0	37	4300.0	35	3830.0	38	3180.0	41	2770.0	39	2480.0	34	2120.0	35	1560.0	35
1929	5360.0	30	5290.0	28	5050.0	29	4220.0	31	3830.0	31	3420.0	27	2910.0	27	2620.0	23	2100.0	16
1930	3700.0	51	3520.0	53	3110.0	57	2990.0	53	2690.0	54	2110.0	54	1840.0	52	1650.0	49	1270.0	47
1931	2430.0	75	2370.0	75	2240.0	75	2090.0	73	1900.0	74	1480.0	72	1180.0	71	996.0	71	767.0	70
1932	5200.0	33	5120.0	31	4770.0	32	4520.0	29	4010.0	28	3870.0	20	3320.0	16	2920.0	13	2200.0	11
1933	4030.0	45	3790.0	46	3600.0	45	3420.0	43	3080.0	42	2390.0	49	1890.0	50	1540.0	52	1160.0	52
1934	2610.0	73	2570.0	74	2400.0	74	2000.0	75	1960.0	72	1490.0	71	1120.0	74	903.0	74	683.0	74
1935	5810.0	24	5650.0	25	5250.0	26	5090.0	20	4480.0	22	3420.0	28	2720.0	32	2290.0	32	1690.0	32
1936	3350.0	60	3060.0	63	2530.0	71	2500.0	66	2330.0	62	2070.0	57	1730.0	56	1450.0	57	1110.0	55
1937	3630.0	53	3550.0	52	3400.0	49	3200.0	47	2910.0	45	2520.0	44	2150.0	45	1890.0	45	1390.0	44
1938	6130.0	19	5950.0	19	5260.0	25	4770.0	27	4630.0	20	3650.0	23	3040.0	23	2620.0	24	1960.0	22
1939	3270.0	62	3220.0	60	3000.0	62	2860.0	59	2720.0	52	2340.0	50	1920.0	48	1610.0	50	1190.0	51
1940	2590.0	74	2580.0	73	2440.0	73	2070.0	74	1780.0	75	1350.0	75	1030.0	75	846.0	75	637.0	75
1941	7620.0	11	7520.0	10	7400.0	7	6430.0	8	5130.0	11	4770.0	4	3960.0	2	3340.0	3	2390.0	3
1942	6670.0	14	6390.0	15	6030.0	15	5650.0	11	5460.0	10	4120.0	15	3340.0	15	2850.0	16	2110.0	14
1943	3250.0	63	2990.0	67	2830.0	65	2400.0	68	2100.0	67	1960.0	59	1710.0	57	1440.0	58	1140.0	53
1944	6470.0	17	6090.0	18	5570.0	20	5090.0	21	4980.0	12	4490.0	10	3550.0	12	2990.0	11	2110.0	15
1945	3520.0	56	3450.0	55	3180.0	55	2930.0	56	2870.0	48	2510.0	45	2110.0	46	1770.0	46	1290.0	46

08220000 RIO GRANDE NEAR DEL NORTE, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE NEAR DEL NORTE, CO.

YEAR	1	3	7	15	30	60	90	120	183
1946	3190.0 64	3060.0 64	2990.0 63	2730.0 61	2070.0 69	1830.0 63	1520.0 60	1270.0 60	960.0 60
1947	3970.0 46	3830.0 45	3580.0 46	3400.0 44	3030.0 44	2740.0 40	2300.0 41	1920.0 42	1480.0 41
1948	8290.0 6	8130.0 7	7390.0 8	6940.0 6	6510.0 4	4640.0 7	3730.0 6	3160.0 6	2280.0 7
1949	9750.0 4	8940.0 5	8120.0 4	7250.0 4	5940.0 7	4530.0 8	3740.0 5	3170.0 5	2290.0 5
1950	3120.0 66	3000.0 66	2690.0 68	2540.0 65	2330.0 63	2040.0 58	1780.0 54	1500.0 54	1100.0 56
1951	3540.0 55	3440.0 56	3050.0 59	2430.0 67	2020.0 70	1470.0 73	1130.0 73	928.0 73	697.0 73
1952	6540.0 16	6400.0 14	6040.0 14	5440.0 16	4670.0 18	3880.0 19	3280.0 19	2810.0 18	2070.0 19
1953	3970.0 47	3750.0 47	3330.0 51	3200.0 48	2900.0 46	1910.0 61	1520.0 61	1260.0 61	927.0 62
1954	3100.0 67	2900.0 69	2660.0 69	2280.0 70	1920.0 73	1500.0 70	1250.0 69	1090.0 68	847.0 67
1955	3840.0 48	3600.0 50	3110.0 58	2660.0 63	2270.0 64	1770.0 66	1380.0 64	1160.0 66	862.0 66
1956	3150.0 65	3080.0 62	2980.0 64	2670.0 62	2440.0 61	1790.0 65	1360.0 67	1100.0 67	787.0 68
1957	6700.0 13	6110.0 17	5840.0 17	5250.0 17	4750.0 15	4020.0 18	3290.0 18	2830.0 17	2080.0 17
1958	6620.0 15	6490.0 13	6150.0 13	5470.0 15	4710.0 17	3660.0 22	2990.0 25	2520.0 28	1800.0 31
1959	3020.0 69	2930.0 68	2790.0 66	2600.0 64	2100.0 68	1630.0 69	1250.0 68	1040.0 69	783.0 69
1960	4540.0 37	4410.0 39	4210.0 36	3880.0 37	3630.0 34	3020.0 35	2450.0 37	2060.0 36	1480.0 42
1961	4050.0 44	3970.0 44	3850.0 43	3570.0 41	3240.0 40	2420.0 48	1890.0 51	1520.0 53	1140.0 54
1962	4390.0 41	4320.0 40	4090.0 40	3670.0 39	3400.0 38	3280.0 30	2900.0 28	2550.0 25	1850.0 29
1963	3020.0 70	2880.0 70	2600.0 70	2250.0 71	2010.0 71	1410.0 74	1160.0 72	967.0 72	735.0 72
1964	4140.0 42	4120.0 42	3960.0 42	3520.0 42	2690.0 53	1810.0 64	1380.0 65	1170.0 65	871.0 64
1965	5920.0 22	5790.0 22	5650.0 19	4810.0 26	4510.0 21	4060.0 16	3570.0 11	3110.0 7	2280.0 6
1966	4090.0 43	4010.0 43	3610.0 44	3270.0 46	3080.0 43	2680.0 41	2280.0 42	1900.0 44	1390.0 45
1967	2880.0 71	2850.0 71	2710.0 67	2290.0 69	2190.0 65	1760.0 67	1370.0 66	1190.0 63	920.0 63
1968	5460.0 28	5200.0 29	5060.0 28	4590.0 28	4300.0 24	3220.0 32	2600.0 33	2240.0 33	1640.0 33
1969	4470.0 40	4420.0 38	4210.0 37	4050.0 33	3490.0 35	2670.0 42	2340.0 39	2010.0 39	1510.0 39
1970	4990.0 34	4230.0 41	4160.0 39	4000.0 36	3400.0 39	2780.0 38	2330.0 40	1920.0 43	1550.0 38
1971	3080.0 68	3050.0 65	3020.0 60	2980.0 54	2660.0 55	2110.0 55	1710.0 58	1460.0 55	1090.0 57
1972	3380.0 59	3370.0 57	3260.0 53	3040.0 49	2740.0 50	2220.0 52	1770.0 55	1450.0 56	1060.0 58
1973	5970.0 20	5830.0 20	5690.0 18	4980.0 22	4730.0 16	4290.0 11	3530.0 13	2950.0 12	2080.0 18
1974	2810.0 72	2730.0 72	2470.0 72	2150.0 72	2130.0 66	1650.0 68	1240.0 70	1030.0 70	761.0 71
1975	5970.0 21	5680.0 23	5280.0 23	5130.0 18	4630.0 19	4190.0 14	3490.0 14	2860.0 15	2010.0 21

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE NEAR DEL NORTE, CO.

YEAR	1	3	7	14	30	60	90	120	183
1892	250.00 71	250.00 70	250.00 70	250.00 70	251.00 69	263.00 69	279.00 69	288.00 68	412.00 67
1893	160.00 48	160.00 43	160.00 40	160.00 36	160.00 28	167.00 26	170.00 26	187.00 30	210.00 21
1894	175.00 54	175.00 49	175.00 47	175.00 43	175.00 38	175.00 34	175.00 29	185.00 27	209.00 20
1895	190.00 59	190.00 57	190.00 56	190.00 51	191.00 51	196.00 48	206.00 49	223.00 54	265.00 47
1896	270.00 72	270.00 71	270.00 71	270.00 71	270.00 72	273.00 70	282.00 71	296.00 69	342.00 60
1905	195.00 61	216.00 64	236.00 67	240.00 67	241.00 67	246.00 67	264.00 68	278.00 66	519.00 72
1906	180.00 56	180.00 52	180.00 50	180.00 49	180.00 42	180.00 39	187.00 40	212.00 47	272.00 49
1909	160.00 49	167.00 45	179.00 49	179.00 46	190.00 48	195.00 46	197.00 45	201.00 41	232.00 33
1910	280.00 74	280.00 73	281.00 73	286.00 73	294.00 73	306.00 74	331.00 74	351.00 74	459.00 70
1911	180.00 57	180.00 53	189.00 53	205.00 59	208.00 58	226.00 60	235.00 59	243.00 59	280.00 52
1912	215.00 66	215.00 63	236.00 68	247.00 69	256.00 70	276.00 72	297.00 72	323.00 73	721.00 74
1913	175.00 55	175.00 50	175.00 48	175.00 44	175.00 39	175.00 35	177.00 31	187.00 31	239.00 35
1914	131.00 31	190.00 54	210.00 61	214.00 61	223.00 61	243.00 66	251.00 64	254.00 60	323.00 57
1915	130.00 29	140.00 33	147.00 31	164.00 39	169.00 33	174.00 32	184.00 38	196.00 39	338.00 59
1916	170.00 51	170.00 47	174.00 46	180.00 47	194.00 53	215.00 56	244.00 60	257.00 62	348.00 61
1917	200.00 62	200.00 60	200.00 59	200.00 58	225.00 63	242.00 64	259.00 66	284.00 67	598.00 73
1918	132.00 32	132.00 24	140.00 26	143.00 22	155.00 26	176.00 36	179.00 36	194.00 37	257.00 46
1919	175.00 52	192.00 58	195.00 57	195.00 56	195.00 54	199.00 49	203.00 47	208.00 44	256.00 45
1920	200.00 63	220.00 68	220.00 63	220.00 62	224.00 62	237.00 61	249.00 63	255.00 61	290.00 53
1921	215.00 67	217.00 65	222.00 65	223.00 65	228.00 64	243.00 65	248.00 61	271.00 65	324.00 58
1922	210.00 65	220.00 66	223.00 66	242.00 68	249.00 68	254.00 68	261.00 67	267.00 64	363.00 63
1923	190.00 60	190.00 55	190.00 54	190.00 52	191.00 52	200.00 50	209.00 52	216.00 51	245.00 39
1924	270.00 73	270.00 72	270.00 72	270.00 72	270.00 71	275.00 71	280.00 70	296.00 70	432.00 68
1925	114.00 17	116.00 16	133.00 21	149.00 27	177.00 40	187.00 43	193.00 42	201.00 42	238.00 34
1926	240.00 70	240.00 69	240.00 69	240.00 66	240.00 66	241.00 62	257.00 65	298.00 71	385.00 66
1927	120.00 20	190.00 56	190.00 55	190.00 53	190.00 49	200.00 51	207.00 51	212.00 48	242.00 37
1928	237.00 69	282.00 74	295.00 74	295.00 74	295.00 74	297.00 73	299.00 73	314.00 72	487.00 71
1929	220.00 68	220.00 67	220.00 64	220.00 63	220.00 60	223.00 58	230.00 58	238.00 58	269.00 48
1930	200.00 64	200.00 61	200.00 58	200.00 57	200.00 57	210.00 54	217.00 56	225.00 55	381.00 65
1931	135.00 37	135.00 28	135.00 23	135.00 18	135.00 15	151.00 18	167.00 24	175.00 23	220.00 24
1932	120.00 21	120.00 17	123.00 16	143.00 23	155.00 27	167.00 27	175.00 30	187.00 32	254.00 44
1933	132.00 33	134.00 27	137.00 24	143.00 24	149.00 21	155.00 20	157.00 19	163.00 18	222.00 27
1934	167.00 50	176.00 51	184.00 51	190.00 54	195.00 55	203.00 53	206.00 50	209.00 45	253.00 42
1935	90.00 6	98.00 8	105.00 8	118.00 11	133.00 13	135.00 12	142.00 11	156.00 13	186.00 12
1936	95.00 9	97.00 6	100.00 4	107.00 5	127.00 12	142.00 14	152.00 17	165.00 19	203.00 18
1937	126.00 26	136.00 29	139.00 25	146.00 26	154.00 24	158.00 23	162.00 23	169.00 21	189.00 15
1938	135.00 38	148.00 37	155.00 37	158.00 34	162.00 29	167.00 28	178.00 32	190.00 35	220.00 25
1939	185.00 58	202.00 62	215.00 62	223.00 64	228.00 65	242.00 63	249.00 62	261.00 63	370.00 64
1940	102.00 14	102.00 10	105.00 9	107.00 6	116.00 6	127.00 8	136.00 8	146.00 7	188.00 14

08220000 RIO GRANDE NEAR DEL NORTE, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE NEAR DEL NORTE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1941	117.00	18	133.00	25	141.00	27	143.00	25	150.00	22	159.00	24	159.00	20	161.00	17	229.00	29
1942	99.00	10	101.00	9	112.00	10	128.00	14	137.00	16	143.00	15	150.00	13	177.00	25	441.00	69
1943	150.00	45	173.00	48	184.00	52	190.00	55	200.00	56	223.00	59	222.00	57	225.00	56	252.00	40
1944	122.00	24	149.00	38	155.00	38	160.00	37	171.00	36	174.00	33	178.00	33	189.00	33	229.00	30
1945	132.00	34	134.00	26	145.00	28	155.00	30	162.00	30	167.00	29	171.00	27	180.00	26	216.00	22
1946	88.00	4	93.00	4	103.00	7	108.00	7	118.00	7	126.00	7	134.00	6	147.00	9	192.00	16
1947	120.00	22	125.00	20	132.00	18	141.00	21	150.00	23	162.00	25	170.00	25	186.00	28	229.00	31
1948	135.00	39	145.00	35	160.00	39	172.00	42	180.00	43	196.00	47	204.00	48	215.00	49	292.00	54
1949	130.00	30	147.00	36	154.00	35	159.00	35	169.00	34	177.00	38	179.00	34	186.00	29	226.00	28
1950	140.00	41	153.00	39	169.00	43	171.00	41	185.00	46	192.00	45	198.00	46	216.00	50	254.00	43
1951	77.00	2	80.00	1	87.00	1	95.00	1	110.00	4	125.00	6	131.00	5	137.00	5	162.00	7
1952	120.00	23	126.00	21	132.00	19	135.00	19	139.00	17	155.00	21	157.00	18	156.00	14	161.00	6
1953	150.00	42	153.00	40	155.00	36	161.00	38	174.00	37	176.00	37	183.00	37	190.00	36	230.00	32
1954	128.00	27	131.00	22	134.00	22	134.00	17	140.00	19	153.00	19	160.00	21	168.00	20	175.00	8
1955	100.00	11	107.00	12	119.00	14	124.00	13	126.00	10	131.00	9	138.00	9	146.00	8	195.00	17
1956	94.00	7	107.00	13	116.00	13	129.00	15	139.00	18	146.00	16	151.00	14	151.00	12	160.00	5
1957	74.00	1	84.00	3	89.00	2	95.00	2	101.00	1	104.00	1	107.00	1	115.00	1	123.00	1
1958	135.00	40	143.00	34	149.00	32	155.00	31	163.00	31	184.00	40	194.00	43	209.00	46	275.00	50
1959	90.00	5	97.00	5	101.00	5	108.00	8	113.00	5	122.00	4	136.00	7	145.00	6	176.00	10
1960	132.00	35	138.00	31	146.00	29	150.00	28	155.00	25	156.00	22	161.00	22	172.00	22	242.00	38
1961	100.00	12	108.00	14	113.00	11	115.00	9	121.00	8	134.00	10	140.00	10	148.00	10	175.00	9
1962	175.00	53	197.00	59	205.00	60	207.00	60	210.00	59	211.00	55	214.00	54	220.00	52	275.00	51
1963	110.00	15	123.00	19	133.00	20	140.00	20	143.00	20	148.00	17	151.00	15	159.00	15	209.00	19
1964	80.00	3	82.00	2	89.00	3	98.00	3	105.00	2	113.00	2	119.00	3	126.00	3	154.00	4
1965	95.00	8	98.00	7	102.00	6	106.00	4	109.00	3	114.00	3	117.00	2	121.00	2	150.00	2
1966	160.00	46	167.00	46	173.00	45	180.00	48	191.00	50	201.00	52	212.00	53	232.00	57	351.00	62
1967	110.00	16	115.00	15	121.00	15	122.00	12	126.00	11	135.00	11	151.00	16	159.00	16	186.00	13
1968	119.00	19	122.00	18	128.00	17	132.00	16	134.00	14	139.00	13	143.00	12	150.00	11	179.00	11
1969	150.00	43	155.00	41	164.00	41	176.00	45	185.00	47	191.00	44	195.00	44	196.00	38	222.00	26
1970	135.00	36	138.00	32	146.00	30	157.00	33	180.00	44	186.00	42	187.00	39	199.00	40	302.00	56
1971	150.00	44	155.00	42	172.00	44	183.00	50	185.00	45	216.00	57	217.00	55	223.00	53	300.00	55
1972	130.00	28	137.00	30	150.00	33	156.00	32	179.00	41	185.00	41	190.00	41	206.00	43	240.00	36
1973	160.00	47	162.00	44	169.00	42	170.00	40	171.00	35	173.00	31	179.00	35	189.00	34	252.00	41
1974	125.00	25	132.00	23	151.00	34	153.00	29	163.00	32	169.00	30	172.00	28	176.00	24	220.00	23
1975	100.00	13	106.00	11	114.00	12	117.00	10	121.00	9	123.00	5	128.00	4	136.00	4	154.00	3

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
483	282	208	192	200	273	796	2532	3141	1449	819	508
132800	14820	4556	2968	1921	8205	106400	673700	2100000	661700	172700	101800
364	122	67.5	54.5	43.8	90.6	326	821	1449	813	416	319
3.08	2.00	1.27	0.69	0.41	1.75	0.86	0.16	0.33	0.31	0.39	2.55
0.75	0.43	0.32	0.28	0.22	0.33	0.41	0.32	0.46	0.56	0.51	0.63
4.44	2.59	1.91	1.76	1.83	2.51	7.31	23.3	28.9	13.3	7.53	4.67

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.61	2.42	2.30	2.27	2.29	2.42	2.87	3.38	3.44	3.07	2.85	2.65
0.05	0.03	0.02	0.01	0.01	0.02	0.03	0.02	0.05	0.09	0.06	0.05
0.23	0.16	0.13	0.12	0.10	0.13	0.18	0.15	0.23	0.30	0.25	0.22
0.94	0.61	0.42	0.15	0.01	0.73	-0.08	-0.38	-0.80	-0.60	-0.43	0.56
0.09	0.07	0.06	0.05	0.04	0.05	0.06	0.04	0.07	0.10	0.09	0.08
8.02	7.43	7.06	6.96	7.03	7.42	8.80	10.4	10.6	9.44	8.75	8.13

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
909	85560	293	-0.06	0.32	0.155

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.93	0.02	0.15	-0.46	0.05	0.122

08220500 PINOS CREEK NEAR DEL NORTE, COLO.

LOCATION.--Lat 37°35'30", long 106°26'58", in SW¼SE¼ sec.29, T.39 N., R.5 E., Rio Grande County, on left bank 90 ft (27 m) downstream from Bennett Creek and 8.0 mi (12.9 km) southwest of Del Norte.

DRAINAGE AREA.--53 mi² (137 km²), approximately.

REMARKS.--One small diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PINOS CREEK NEAR DEL NORTE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1941						106	16	35	4	14	17	12	2	5	22	10	6	7	13	9	9	1	3	6	5	4	4	11	13	13	16		1	1	
1944								4	75	78	54	11	13	9	21	7	6	12	4	4	2	1	4	1	6	6	11	15	15	5	2				
1945						31	89	25	8	27	14	9	12	11	2	6	10	17	16	13	11	3	8	16	25	12									
1946								31	59	57	30	37	37	25	10	9	7	14	17	13	18	1													
1947						31			89	11	40	8	13	16	28	20	14	17	5	9	5	4	7	10	14	24									
1950							4	43	22	49	58	16	33	23	14	21	7	20	8	18	21	8													
1951		3	3	13	7	37	41	67	47	26	22	11	17	9	4	10	10	7	8	10	6	2	3	2											
1952				4	4	103	61	10	1			14	14	8	11	18	9	11	13	7	8	6	8	5	7	7	5	13	9	2	8				
1953							6	27	99	9	39	27	30	27	15	12	15	10	7	7	8	13	3	7	3	1									
1954				1	5	65	21	53	48	25	26	21	15	14	7	12	20	7	9	9	7														
1955				2	4	2	8	64	72	45	20	14	32	19	14	8	15	6	13	13	12	2													
1956		3	7	13	16	87	68	14	10	18	15	12	19	12	12	5	3	4	6	8	12	18	4												
1957				1	36	26	22	58	34	13		1	2	11	12	8	5	13	6	7	6	13	17	15	10	6	5	7	2	8	9	12			
1958								70	10	76	41	34	28	19	4	5	10	10	9	3		5	3	5	6	10	7	10							
1959						2	33	1	97	15	48	22	32	32	10	17	4	6	24	16	6														
1960						29	33	32	39	13	20	31	28	15	4	14	9	11	13	10	10	8	10	14	17	6									
1961				31		28		31	8	13	46	33	21	24	14	22	14	8	3	5	9	14	13	14	12	2									
1962								1	31	2	109	58	18	11	14	6	8	4	7	7	3	5	2	3	6	26	32	2	2	1	4	3			
1963						62	52	37	20	23	36	26	29	16	13	12	9	10	15	5															
1964						106	34	18	23	11	11	13	11	16	19	22	20	13	6	7	4	4	9	3	7	8	1								
1965								80	63	34	4	2	8	13	7	18	5	9	6	4	6	6	13	12	8	11	10	12	12	7	8	7			
1966									3	106	24	21	27	18	39	25	23	12	10	4	6	7	14	8	11	6	1								
1967									63	66	34	23	16	20	14	13	29	21	15	16	23	12													
1968						31	60	8	8	36	24	17	6	11	13	14	14	9	6	6	17	12	11	6	15	15	9	15	3						
1969					5	6	18	39	26	24	9	18	14	18	8	1	28	10	15	16	19	22	38	10	11	10									
1970								2	27	33	16	33	21	25	31	25	31	19	22	10	6	7	18	2	5	5	6	2	15	4					
1971							1	4	15	28	58	43	33	30	19	22	15	13	21	16	16	6	24	1											
1972						1	9	37	54	45	37	56	18	14	13	5	2	10	11	23	17	14													
1973								5	22	96	37	31	31	13	12	8	8	7	6	2	8	6	7	3	8	11	5	13	13	5	8				
1974							1	2	27	82	66	38	24	28	15	16	6	7	7	9	8	15	3	8	3										
1975								17	74	60	37	25	15	7	7	6	8	7	14	6	5	8	5	9	9	6	11	16	11	2					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	11322	100.0	12	12.0	559	4655	41.1	24	89	184	730	6.4
1	1.70	6	11322	100.0	13	14.0	437	4096	36.2	25	110	157	546	4.8
2	2.10	44	11316	99.9	14	16.0	424	3659	32.3	26	130	85	389	3.4
3	2.50	45	11272	99.6	15	19.0	398	3235	28.6	27	150	124	304	2.6
4	3.00	364	11227	99.2	16	23.0	311	2837	25.1	28	180	66	180	1.5
5	3.60	662	10863	95.9	17	27.0	379	2526	22.3	29	210	47	114	1.0
6	4.20	710	10201	90.1	18	32.0	303	2147	19.0	30	250	46	67	.5
7	5.00	1055	9491	83.8	19	38.0	268	1844	16.3	31	290	19	21	.1
8	5.90	1110	8436	74.5	20	45.0	269	1576	13.9	32	350	1	2	
9	7.00	1196	7326	64.7	21	54.0	241	1307	11.5	33	410	1	1	
10	8.30	878	6130	54.1	22	64.0	165	1066	9.4	34	490			
11	9.80	597	5252	46.4	23	75.0	171	901	8.0					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PINOS CREEK NEAR DEL NORTE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1941	429.0	1	360.0	1	307.0	3	261.0	3	232.0	3	220.0	1	170.0	1	136.0	2	94.0	2
1944	265.0	5	248.0	6	215.0	7	204.0	5	195.0	4	163.0	4	122.0	4	96.0	5	67.0	5
1945	128.0	13	123.0	14	116.0	14	108.0	13	103.0	13	94.0	13	74.0	12	66.0	10	49.0	10
1946	55.0	26	53.0	26	50.0	26	48.0	26	44.0	26	39.0	26	32.0	26	28.0	25	22.0	24
1947	128.0	14	127.0	13	123.0	12	119.0	12	108.0	12	96.0	11	76.0	11	62.0	12	47.0	12
1950	61.0	25	60.0	24	56.0	24	51.0	25	47.0	24	44.0	23	38.0	21	33.0	22	26.0	22
1951	81.0	21	77.0	21	70.0	21	57.0	23	47.0	25	35.0	27	28.0	27	23.0	27	17.0	27
1952	281.0	4	276.0	4	266.0	4	240.0	4	193.0	5	156.0	5	120.0	5	97.0	4	69.0	4
1953	113.0	15	109.0	15	95.0	16	84.0	18	69.0	18	52.0	19	42.0	18	36.0	20	27.0	20
1954	41.0	30	40.0	30	39.0	30	37.0	28	32.0	30	26.0	30	21.0	30	18.0	30	14.0	30
1955	46.0	28	45.0	28	41.0	28	37.0	29	37.0	28	30.0	28	25.0	28	21.0	28	17.0	28
1956	70.0	22	65.0	22	63.0	22	59.0	21	54.0	22	45.0	22	35.0	24	29.0	24	21.0	25
1957	343.0	3	339.0	2	324.0	1	297.0	1	274.0	1	197.0	2	158.0	3	131.0	3	93.0	3
1958	175.0	11	173.0	11	169.0	11	157.0	11	138.0	11	96.0	12	72.0	13	57.0	14	41.0	14
1959	42.0	29	41.0	29	40.0	29	35.0	30	34.0	29	30.0	29	25.0	29	21.0	29	17.0	29
1960	97.0	18	95.0	17	90.0	17	88.0	16	80.0	15	66.0	16	56.0	16	47.0	16	34.0	16

08220500 PINOS CREEK NEAR DEL NORTE, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PINOS CREEK NEAR DEL NORTE, CO.

YEAR	1	3	7	15	30	60	90	120	183
1961	92.0 19	91.0 18	80.0 19	74.0 19	67.0 19	61.0 17	49.0 17	41.0 17	32.0 17
1962	261.0 6	256.0 5	239.0 5	189.0 6	149.0 7	131.0 7	113.0 7	91.0 7	63.0 8
1963	36.0 31	32.0 31	31.0 31	30.0 31	26.0 31	22.0 31	19.0 31	16.0 31	13.0 31
1964	111.0 16	108.0 16	103.0 15	94.0 15	78.0 16	53.0 18	41.0 19	36.0 18	27.0 21
1965	344.0 2	336.0 3	315.0 2	284.0 2	234.0 2	197.0 3	164.0 2	138.0 1	97.0 1
1966	132.0 12	127.0 12	118.0 13	101.0 14	96.0 14	76.0 14	59.0 15	50.0 15	38.0 15
1967	63.0 24	60.0 25	56.0 25	52.0 24	50.0 23	42.0 24	38.0 22	36.0 19	29.0 18
1968	204.0 8	193.0 8	178.0 8	165.0 9	148.0 8	110.0 9	99.0 8	90.0 8	66.0 6
1969	102.0 17	91.0 19	90.0 18	87.0 17	75.0 17	66.0 15	63.0 14	58.0 13	46.0 13
1970	184.0 10	181.0 10	177.0 9	169.0 8	148.0 9	106.0 10	81.0 10	65.0 11	48.0 11
1971	64.0 23	62.0 23	58.0 23	57.0 22	55.0 21	46.0 20	39.0 20	35.0 21	27.0 19
1972	52.0 27	48.0 27	46.0 27	45.0 27	43.0 27	39.0 25	33.0 25	27.0 26	21.0 26
1973	239.0 7	236.0 7	224.0 6	189.0 7	179.0 6	147.0 6	116.0 6	92.0 6	64.0 7
1974	84.0 20	80.0 20	74.0 20	66.0 20	58.0 20	45.0 21	35.0 23	30.0 23	23.0 23
1975	188.0 9	184.0 9	175.0 10	157.0 10	146.0 10	123.0 8	97.0 9	79.0 9	56.0 9

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PINOS CREEK NEAR DEL NORTE, CO.

YEAR	1	3	7	14	30	60	90	120	183
1941	4.00 17	4.00 13	4.00 14	4.00 14	4.00 11	4.00 8	4.00 8	4.10 7	4.90 7
1944	5.40 28	5.70 29	6.30 30	6.50 30	6.60 30	6.70 29	7.00 29	7.30 28	7.40 23
1945	4.00 18	4.00 14	4.00 15	4.00 15	4.00 12	4.10 11	4.20 10	4.40 9	5.20 9
1946	5.00 25	5.00 23	5.00 21	5.00 19	5.00 19	5.50 20	5.70 20	6.00 20	7.10 21
1947	4.00 19	4.00 15	4.00 16	4.00 16	4.00 13	5.00 17	5.30 18	5.60 17	6.90 19
1950	5.00 26	5.00 24	5.00 22	5.00 20	5.00 20	5.90 24	6.40 24	7.10 26	8.10 27
1951	3.60 12	3.60 11	3.60 10	3.60 9	3.60 8	4.00 9	4.40 14	4.70 12	5.40 11
1952	1.80 1	1.80 1	2.10 1	2.30 1	2.70 2	3.30 6	3.80 6	4.00 5	3.90 2
1953	5.40 27	5.40 26	5.70 28	6.00 28	6.20 28	6.40 28	6.40 25	6.80 24	8.20 28
1954	2.20 3	3.00 6	3.00 7	3.00 5	3.00 5	3.20 3	3.60 4	3.90 4	4.50 5
1955	2.20 4	2.30 4	2.90 5	3.60 10	3.70 9	4.20 12	4.30 11	4.40 10	4.50 6
1956	2.90 7	3.40 9	3.60 11	3.80 11	4.00 14	4.00 10	4.10 9	4.10 6	4.40 4
1957	2.00 2	2.10 2	2.20 2	2.40 3	2.70 3	3.20 4	3.80 5	3.70 2	4.20 3
1958	5.50 29	5.50 27	5.50 26	5.50 25	5.50 23	5.70 21	6.00 21	6.40 22	7.80 26
1959	4.00 13	4.00 16	4.00 12	4.00 12	4.00 15	4.50 15	4.70 15	4.90 15	5.70 12
1960	3.50 11	3.50 10	3.50 9	3.50 8	3.50 7	3.80 7	4.00 7	4.30 8	5.90 13
1961	2.30 5	2.30 3	2.30 3	2.30 2	2.30 1	2.90 1	3.40 2	4.50 11	5.20 10
1962	4.80 23	5.50 28	5.50 27	5.50 26	5.50 24	6.20 25	6.80 27	6.80 25	7.60 24
1963	3.20 9	3.20 8	3.20 8	3.20 6	3.20 6	3.30 5	3.60 3	3.70 3	5.00 8
1964	3.00 8	3.00 7	3.00 6	3.00 4	3.00 4	3.00 2	3.10 1	3.20 1	3.70 1
1965	5.00 24	5.00 25	5.00 23	5.00 21	5.00 21	5.30 19	5.50 19	5.60 18	6.10 15
1966	7.20 31	7.20 31	7.20 31	7.20 31	7.20 31	7.50 31	7.70 31	8.10 31	10.00 30
1967	6.00 30	6.00 30	6.00 29	6.00 29	6.00 26	6.30 26	6.80 28	7.30 27	7.60 25
1968	4.00 14	4.00 17	4.00 13	4.00 13	4.00 16	4.20 13	4.30 12	4.80 13	6.20 16
1969	2.60 6	2.70 5	2.80 4	3.30 7	3.80 10	4.30 14	4.40 13	4.90 14	6.90 20
1970	4.50 21	4.80 22	5.00 24	5.30 23	5.60 25	5.90 22	6.70 26	7.40 29	12.00 31
1971	4.00 15	4.30 18	4.90 20	5.60 27	6.30 29	6.80 30	7.20 30	7.80 30	9.40 29
1972	3.50 10	3.80 12	4.10 17	4.30 17	4.50 17	4.70 16	5.10 16	5.80 19	6.70 18
1973	4.50 22	4.50 19	4.70 19	5.10 22	5.50 22	5.90 23	6.10 22	6.20 21	6.40 17
1974	4.00 16	4.50 20	5.10 25	5.50 24	6.10 27	6.40 27	6.40 23	6.50 23	7.20 22
1975	4.40 20	4.50 21	4.50 18	4.70 18	4.90 18	5.10 18	5.30 17	5.50 16	6.00 14

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
8.86	7.33	5.45	4.90	5.49	7.80	23.3	80.1	84.1	32.2	20.4	10.7
19.8	6.47	2.66	1.64	2.34	4.74	104	2078	4790	738	283	32.3
4.45	2.54	1.63	1.28	1.53	2.18	10.2	45.6	69.2	27.2	16.8	5.68
2.71	1.47	0.78	0.06	0.49	0.47	1.88	0.79	1.29	1.58	2.57	0.77
0.50	0.35	0.30	0.26	0.28	0.28	0.44	0.57	0.82	0.84	0.83	0.53
3.05	2.52	1.87	1.69	1.89	2.68	8.01	27.6	28.9	11.1	7.01	3.70

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.91	0.84	0.72	0.68	0.72	0.88	1.33	1.83	1.79	1.38	1.21	0.97
0.03	0.02	0.02	0.01	0.01	0.02	0.03	0.06	0.13	0.11	0.08	0.06
0.18	0.14	0.13	0.12	0.12	0.13	0.17	0.25	0.36	0.34	0.28	0.24
0.56	0.24	0.17	-0.49	-0.07	-0.41	0.55	0.02	-0.04	0.34	0.63	-0.26
0.20	0.17	0.18	0.18	0.17	0.14	0.13	0.14	0.20	0.24	0.23	0.25
6.85	6.35	5.42	5.09	5.46	6.60	10.1	13.8	13.5	10.4	9.13	7.32

08220500 PINOS CREEK NEAR DEL NORTE, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
24.3	151	12.3	0.77	0.51	-0.062

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.33	0.05	0.22	0.04	0.17	-0.013

08221500 RIO GRANDE NEAR MONTE VISTA, COLO.

LOCATION.--Lat 37°36'34", long 106°08'54", in NW¼SW¼ sec.19, T.39 N., R.8 E., Rio Grande County, on left bank 50 ft (15 m) downstream from bridge on U.S. Highway 285, 2.0 mi (3.2 km) north of Monte Vista, and 12 mi (19 km) downstream from San Francisco Creek.

DRAINAGE AREA.--1,590 mi² (4,120 km²), approximately.

REMARKS.--Diversions above station for irrigation of about 90,000 acres (364 km²). Flow regulated by Beaver Creek, Santa Maria, Rio Grande, and Continental Reservoirs (total capacity, 126,100 acre-ft or 155 hm³), and by several smaller reservoirs. Transmountain diversions to drainage area above station from Colorado River Basin.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE NEAR MONTE VISTA, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1927					1			1	10	5	1	6	3	3	5	5	4	10	12	45	110	28	14	15	10	16	24	14	7	4	4	3	2	1	2
1928								13		7	4		10	5	10	5	14	9	18	10	11	127	41	22	17	16	11	9	3	4					
1929						8		4		4	6			1	2	3	4	5	10	109	45	10	35	18	19	30	26	12	7	7					
1930							1			3	8	6	10	8	7	8	14	13	10	43	107	25	33	27	16	17	9								
1931							1	2		8	5	19	16	19	19	19	16	41	78	38	36	17	2	16	13										
1932								3			3	24	21	5	7	13	5	37	18	95	20	16	25	14	11	11	8	11	8	8	3				
1933								2			36	12	28	9	8	14	17	14	41	115	13	8	12	8	7	11	10								
1934											10	15	25	24	29	26	31	14	128	10	10	8	5	11	18	1									
1935						2	22	6	2	55	10	2	8	6	16	20	20	17	33	43	21	7	12	19	11	5	11	4	6	5	2				
1936							1	3	2	6	8	20	16	15	18	8	19	35	87	53	6	6	11	28	21	1	2								
1937								1	1	4	6	18	5	9	20	26	12	45	61	57	20	9	16	17	25	9	4								
1938						1	22	5	5	6		4	3	2	7	6	21	21	75	58	21	14	16	14	10	7	11	7	14	9	5	1			
1939										3	1	4	2	4	4	22	44	20	7	55	69	33	22	23	28	24									
1940								2	8	24	19	11	12	17	12	28	53	50	71	17	3	3	11	10	12	3									
1941									4	15	10	18	12	16	4	6	7	14	33	106	6	11	15	14	5	1	8	10	12	17	9	8	4		
1942									5	5	4	3	2	8	12	9	5	1	5	94	8	33	12	28	28	16	37	13	5	4	14	13	1		
1943								3	9	6	8	8	8	29	19	15	28	18	14	25	97	8	8	21	26	11	4								
1944									9	7	3	5	6	12	12	27	23	10	59	88	16	15	5	1	4	3	5	14	13	12	10	5	2		
1945							3	3	2	9	9	6	6	14	13	26	14	14	40	103	31	6	9	8	23	21	5								
1946										14	10	2	14	19	24	30	21	64	70	28	8	10	6	12	20	11	2								
1947						3	8	3	10	16	5	1	4	3	13	17	15	23	43	74	26	26	3	11	27	25	9								
1948												1	4	3	2	18	34	12	20	40	84	35	19	17	15	11	10	7	5	1	3	13	10	2	
1949													3	11	30	21	20	13	26	110	23	8	8	15	11	12	16	7	6	5	3	6	11		
1950									1	4	5	4	12	11	14	27	40	27	18	61	76	3	5	14	24	16	3								
1951							6	5	2	1	4	8	20	26	30	33	30	52	90	15	7	1	2	6	19	3	5								
1952										2	7	5	7	8	7	28	34	7	43	87	17	15	17	16	11	14	20	9	1	8	2	1			
1953						3	6	13	6	5	3	3	7	12	14	7	32	50	33	108	22	5	4	2	3	15	9	3							
1954				1	4	13	6	4	12	7	11	13	6	2	3	2	26	101	59	39	10	6	10	2	18	9	1								
1955										31	13	7	4	5	14	13	51	50	90	32	2	7	2	11	19	7	7								
1956					3	11	5	3	8	17	11	6	14	24	34	17	48	38	68	12	1	2	3	6	13	13	9								
1957				2	8	7	14	12	39	46	6	2	15	5	32	15	13	7	3	5	8	19	25	19	18	7	17	9	4	6		2			
1958											1	3	6	4	13	16	48	42	28	53	46	32	12	4	4	11	10	8	11	5	6	2			
1959	2	2	1					1	2	9	17	11	10	6	12	16	84	68	51	26	2	3	6	8	15	12	1								
1960					2	2	3	12	3	5	6	3	2	2	3	4	20	35	96	59	26	17	9	7	13	25	12								
1961					2	7	10	22	11	12	11	7	6	11	8	25	24	59	69	13	5	7	6	11	8	15	16								
1962								2	2	2		2		5	16	15	25	27	84	55	22	18	9	14	10	31	24	2							
1963										4	3	8	11	19	19	45	54	92	27	48	4	3	1	4	15	7	1								
1964									1	17	15	9	5	15	11	69	45	68	50	15	8	2	1	4	17	5	8	1							
1965					4	3	4	3	5	8	7	14	4	4	5	11	33	59	63	9	3	6	7	9	25	20	35	12	4	4	4				
1966										1	2	9	4	3	8	12	28	35	21	65	60	22	25	19	15	18	18								
1967									2	2	4	7	10	15	23	26	38	66	59	31	30	5	2	14	18	10	3								
1968					2	3	1	2	2	2	1	4	4		7	18	30	16	79	61	32	14	16	17	10	3	13	6	9	13	1				
1969											1	1	3	9	3	14	34	35	29	101	34	11	16	28	18	9	19								
1970														3	1	2	9	38	25	52	88	26	31	24	30	16	13	3	1	1	2				
1971					1	1	1	3	2	1	3	2	4	4	4	9	36	29	25	49	65	61	11	15	14	24	1								
1972													1	1	6	3	26	32	58	83	47	33	12	14	30	19	1								
1973												1				1	1	6	9	104	71	50	33	14	10	8	5	21	22	9					
1974												1	3	4	19	24	23	20	60	111	22	37	13	7	11	7	3								
1975										1	2	2	7	9	18	8	5	42	56	31	32	27	41	6	9	4	25	22	12	6					

08221500 RIO GRANDE NEAR MONTE VISTA, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE NEAR MONTE VISTA, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	17897	100.0	12	27.0	383	16396	91.6	24	620	774	2494	13.9
1	1.50	2	17897	100.0	13	35.0	449	16013	89.5	25	800	590	1720	9.6
2	1.90	2	17895	100.0	14	45.0	617	15564	87.0	26	1000	491	1130	6.3
3	2.50	4	17893	100.0	15	59.0	832	14947	83.5	27	1400	204	639	3.5
4	3.30	27	17889	100.0	16	76.0	1278	14115	78.9	28	1800	150	435	2.4
5	4.30	64	17862	99.8	17	99.0	1601	12837	71.7	29	2300	128	285	1.5
6	5.60	114	17798	99.4	18	130.0	2252	11236	62.8	30	3000	68	157	.8
7	7.20	133	17684	98.8	19	170.0	2741	8984	50.2	31	3900	54	89	.4
8	9.40	165	17551	98.1	20	220.0	1531	6243	34.9	32	5000	30	35	.1
9	12.00	374	17386	97.1	21	280.0	895	4712	26.3	33	6500	3	5	
10	16.00	299	17012	95.1	22	370.0	659	3817	21.3	34	8500	2	2	
11	21.00	317	16713	93.4	23	480.0	664	3158	17.6					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE NEAR MONTE VISTA, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1927	12500.0	1	9190.0	1	6710.0	1	4100.0	5	2770.0	6	1800.0	7	1370.0	7	1280.0	6	1030.0	5
1928	2540.0	19	2520.0	17	2310.0	17	1700.0	17	1160.0	18	896.0	19	690.0	20	604.0	19	496.0	19
1929	2680.0	17	2570.0	16	2390.0	16	1690.0	18	1450.0	17	1100.0	17	992.0	16	942.0	14	837.0	8
1930	1260.0	34	1170.0	31	1070.0	31	938.0	31	777.0	37	575.0	40	460.0	35	420.0	33	351.0	31
1931	791.0	49	780.0	49	763.0	47	698.0	48	585.0	49	411.0	49	305.0	49	266.0	48	232.0	45
1932	3260.0	13	3140.0	12	2880.0	10	2450.0	11	1810.0	14	1470.0	13	1150.0	12	944.0	12	685.0	13
1933	1340.0	25	1210.0	28	1140.0	27	976.0	29	890.0	29	640.0	32	455.0	39	361.0	38	299.0	34
1934	834.0	48	781.0	48	760.0	48	682.0	49	649.0	46	453.0	46	336.0	47	270.0	47	228.0	47
1935	3120.0	14	2940.0	14	2410.0	15	2240.0	13	1760.0	15	1190.0	16	918.0	17	721.0	17	498.0	18
1936	1350.0	24	1140.0	32	853.0	45	729.0	46	691.0	45	605.0	38	456.0	37	376.0	37	294.0	35
1937	1370.0	23	1130.0	35	945.0	39	810.0	45	774.0	38	673.0	30	565.0	28	454.0	29	352.0	30
1938	3930.0	9	3270.0	11	2700.0	12	2620.0	9	2430.0	7	1670.0	8	1340.0	8	1060.0	9	756.0	11
1939	985.0	46	924.0	46	880.0	44	854.0	39	805.0	35	623.0	35	538.0	31	470.0	27	385.0	25
1940	940.0	47	796.0	47	746.0	49	708.0	47	615.0	48	415.0	48	307.0	48	248.0	49	206.0	49
1941	5210.0	5	5060.0	4	5030.0	4	4510.0	3	3380.0	4	2910.0	2	2180.0	2	1710.0	2	1160.0	2
1942	5150.0	6	4890.0	5	4790.0	5	4230.0	4	3950.0	3	2670.0	3	2080.0	3	1660.0	3	1160.0	3
1943	1160.0	37	1060.0	38	951.0	36	830.0	42	768.0	41	678.0	29	567.0	27	450.0	30	374.0	27
1944	5580.0	4	4890.0	6	3960.0	6	3420.0	6	3060.0	5	2520.0	5	1820.0	5	1410.0	5	986.0	6
1945	1220.0	35	1140.0	33	1010.0	34	960.0	30	911.0	28	771.0	26	599.0	25	485.0	25	364.0	29
1946	1050.0	41	982.0	42	902.0	43	850.0	40	645.0	47	610.0	36	468.0	34	379.0	35	281.0	38
1947	1280.0	31	1100.0	36	1030.0	32	982.0	28	914.0	26	821.0	23	657.0	21	534.0	22	399.0	23
1948	6790.0	2	6680.0	2	6230.0	2	5310.0	1	4790.0	1	2920.0	1	2240.0	1	1780.0	1	1250.0	1
1949	6290.0	3	6040.0	3	5600.0	3	5180.0	2	3980.0	2	2570.0	4	1960.0	4	1550.0	4	1070.0	4
1950	1120.0	38	1080.0	37	947.0	38	923.0	33	809.0	34	686.0	28	545.0	30	435.0	31	345.0	32
1951	1330.0	26	1300.0	22	1140.0	28	926.0	32	793.0	36	512.0	44	382.0	44	309.0	45	232.0	46
1952	3970.0	8	3690.0	8	3200.0	8	2630.0	8	1960.0	11	1420.0	14	1150.0	13	944.0	13	688.0	12
1953	1480.0	21	1350.0	21	1180.0	26	1100.0	23	1020.0	22	606.0	37	455.0	38	378.0	36	280.0	39
1954	1010.0	42	984.0	41	920.0	41	827.0	43	774.0	39	526.0	43	406.0	42	343.0	42	256.0	43
1955	1330.0	27	1200.0	29	1070.0	29	913.0	34	822.0	33	632.0	34	469.0	33	384.0	34	286.0	36
1956	1330.0	28	1260.0	26	1200.0	22	1020.0	27	913.0	27	636.0	33	457.0	36	359.0	39	274.0	40
1957	4040.0	7	3650.0	9	2420.0	14	1940.0	16	1550.0	16	1290.0	15	1050.0	15	892.0	16	646.0	16
1958	3920.0	10	3850.0	7	3520.0	7	2840.0	7	2350.0	8	1640.0	9	1200.0	11	948.0	11	665.0	14
1959	1080.0	39	1010.0	39	918.0	42	856.0	38	733.0	42	542.0	42	400.0	43	328.0	44	237.0	44
1960	1160.0	36	1130.0	34	1070.0	30	1040.0	25	970.0	25	826.0	21	645.0	22	531.0	23	397.0	24
1961	1270.0	32	1270.0	23	1200.0	23	1090.0	24	1010.0	23	779.0	25	579.0	26	458.0	28	324.0	33
1962	1690.0	20	1510.0	20	1310.0	20	1160.0	21	1050.0	19	986.0	18	846.0	18	684.0	18	505.0	17
1963	1010.0	43	941.0	45	844.0	46	821.0	44	713.0	44	446.0	47	341.0	46	278.0	46	225.0	48
1964	1400.0	22	1270.0	24	1180.0	24	1030.0	26	862.0	30	571.0	41	429.0	41	353.0	41	266.0	41
1965	3690.0	11	3540.0	10	3150.0	9	2390.0	12	1900.0	12	1520.0	11	1260.0	10	1060.0	10	780.0	10
1966	1270.0	33	1230.0	27	1180.0	25	1120.0	22	1030.0	21	845.0	20	641.0	23	574.0	21	450.0	22
1967	1310.0	29	1170.0	30	1030.0	33	876.0	37	768.0	40	598.0	39	439.0	40	359.0	40	263.0	42
1968	3120.0	15	2970.0	13	2710.0	11	2480.0	10	2000.0	10	1520.0	12	1140.0	14	927.0	15	664.0	15
1969	1280.0	30	1270.0	25	1230.0	21	1170.0	20	1040.0	20	824.0	22	703.0	19	591.0	20	458.0	21
1970	3340.0	12	2450.0	19	1510.0	19	1270.0	19	991.0	24	798.0	24	618.0	24	520.0	24	473.0	20
1971	1010.0	44	962.0	44	932.0	40	903.0	35	841.0	31	650.0	31	477.0	32	426.0	32	365.0	28
1972	1010.0	45	979.0	43	951.0	37	896.0	36	836.0	32	740.0	27	551.0	29	480.0	26	384.0	26
1973	2760.0	16	2650.0	15	2580.0	13	2220.0	14	2080.0	9	1810.0	6	1430.0	6	1150.0	7	846.0	7
1974	1060.0	40	999.0	40	959.0	35	845.0	41	732.0	43	474.0	45	378.0	45	337.0	43	283.0	37
1975	2650.0	18	2510.0	18	2210.0	18	2050.0	15	1840.0	13	1620.0	10	1310.0	9	1080.0	8	811.0	9

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE NEAR MONTE VISTA, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1928	4.00	8	8.00	18	20.00	37	52.00	43	197.00	47	280.00	48	284.00	48	290.00	48	412.00	47
1929	5.00	12	5.00	9	5.40	6	14.00	18	18.00	12	41.00	11	43.00	6	64.00	10	110.00	20
1930	60.00	47	78.00	47	104.00	47	186.00	48	203.00	48	216.00	47	226.00	46	235.00	45	321.00	46
1931	7.00	20	10.00	29	14.00	28	17.00	24	26.00	13	45.00	16	65.00	22	101.00	28	120.00	25
1932	8.00	23	9.70	26	14.00	29	19.00	27	28.00	17	55.00	24	54.00	11	61.00	7	84.00	7
1933	8.00	24	8.00	19	14.00	30	21.00	28	26.00	14	62.00	28	109.00	36	127.00	35	143.00	34
1934	16.00	42	16.00	37	17.00	33	18.00	25	31.00	18	54.00	21	64.00	19	76.00	20	103.00	18
1935	5.00	13	5.70	12	5.90	8	6.30	4	8.20	3	20.00	2	30.00	2	40.00	2	59.00	2

08221500 RIO GRANDE NEAR MONTE VISTA, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE NEAR MONTE VISTA, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1936	8.00	25	8.70	23	15.00	31	28.00	36	40.00	26	69.00	31	91.00	31	109.00	32	123.00	27
1937	7.00	21	8.00	20	9.30	16	12.00	14	41.00	29	55.00	22	65.00	20	80.00	22	112.00	22
1938	5.50	15	5.80	13	6.20	9	6.50	5	6.90	1	22.00	3	30.00	3	52.00	3	92.00	14
1939	10.00	33	12.00	33	22.00	38	45.00	41	76.00	40	167.00	44	223.00	45	248.00	47	281.00	45
1940	10.00	34	11.00	30	11.00	20	14.00	19	16.00	9	23.00	4	40.00	5	53.00	4	76.00	4
1941	8.00	26	9.00	25	10.00	17	15.00	22	27.00	16	49.00	17	52.00	9	56.00	5	85.00	8
1942	9.50	30	11.00	31	13.00	26	13.00	15	38.00	23	191.00	46	194.00	43	220.00	43	442.00	48
1943	8.20	27	8.90	24	10.00	18	13.00	16	26.00	15	27.00	5	35.00	4	66.00	12	122.00	26
1944	10.00	31	10.00	27	11.00	21	11.00	12	31.00	19	43.00	12	65.00	21	73.00	17	110.00	21
1945	6.10	18	6.60	16	12.00	24	17.00	23	32.00	20	43.00	13	71.00	25	101.00	29	130.00	30
1946	12.00	37	13.00	34	17.00	34	18.00	26	39.00	24	44.00	14	62.00	16	88.00	23	107.00	19
1947	6.00	16	6.00	14	6.30	10	8.40	9	32.00	21	39.00	10	50.00	8	64.00	8	119.00	24
1948	5.00	14	5.00	10	9.00	14	29.00	38	61.00	37	156.00	42	173.00	40	179.00	39	207.00	40
1949	43.00	46	44.00	44	46.00	44	46.00	42	57.00	34	72.00	33	91.00	32	116.00	33	138.00	33
1950	11.00	35	13.00	35	18.00	36	23.00	31	58.00	35	65.00	29	93.00	33	122.00	34	154.00	36
1951	6.40	19	6.40	15	7.00	11	8.30	8	41.00	30	56.00	25	63.00	18	73.00	18	92.00	15
1952	14.00	39	17.00	38	17.00	35	21.00	29	40.00	27	59.00	27	62.00	17	64.00	9	90.00	12
1953	7.80	22	8.50	21	11.00	22	28.00	37	40.00	28	56.00	26	97.00	34	128.00	36	145.00	35
1954	3.00	2	3.30	2	3.70	1	4.90	2	8.20	4	53.00	20	76.00	26	94.00	25	89.00	11
1955	4.50	11	8.70	22	13.00	25	14.00	20	16.00	10	37.00	9	58.00	13	73.00	19	95.00	16
1956	4.00	9	4.50	6	4.90	4	5.10	3	14.00	7	44.00	15	58.00	14	70.00	14	92.00	13
1957	3.00	3	3.30	3	4.20	2	4.80	1	7.10	2	9.90	1	9.60	1	10.00	1	23.00	1
1958	9.20	28	10.00	28	12.00	23	26.00	32	78.00	41	102.00	38	152.00	39	181.00	41	184.00	37
1959	14.00	40	14.00	36	16.00	32	22.00	30	53.00	33	69.00	30	81.00	28	92.00	24	97.00	17
1960	1.50	1	2.10	1	5.40	5	7.60	7	11.00	6	50.00	18	70.00	24	79.00	21	114.00	23
1961	3.60	4	4.80	8	5.80	7	6.60	6	8.70	5	33.00	7	60.00	15	71.00	15	79.00	5
1962	4.00	10	4.60	7	7.70	13	11.00	13	68.00	38	83.00	35	85.00	30	96.00	26	136.00	31
1963	15.00	41	19.00	41	23.00	39	28.00	33	44.00	31	55.00	23	67.00	23	72.00	16	82.00	6
1964	10.00	32	12.00	32	14.00	27	15.00	21	15.00	8	27.00	6	44.00	7	56.00	6	66.00	3
1965	6.00	17	6.90	17	10.00	19	13.00	17	17.00	11	36.00	8	53.00	10	65.00	11	85.00	9
1966	3.60	5	3.90	4	4.40	3	10.00	10	72.00	39	155.00	41	177.00	41	185.00	42	250.00	43
1967	9.50	29	18.00	39	23.00	40	28.00	34	39.00	25	82.00	34	84.00	29	96.00	27	126.00	28
1968	12.00	36	22.00	42	25.00	42	33.00	39	60.00	36	86.00	36	99.00	35	102.00	30	127.00	29
1969	3.60	6	4.00	5	7.60	12	11.00	11	49.00	32	71.00	32	79.00	27	102.00	31	136.00	32
1970	21.00	44	60.00	46	88.00	46	97.00	46	111.00	44	139.00	40	200.00	44	228.00	44	266.00	44
1971	19.00	43	23.00	43	42.00	43	76.00	44	112.00	45	158.00	43	235.00	47	236.00	46	244.00	42
1972	4.00	7	5.50	11	9.10	15	44.00	40	90.00	42	100.00	37	132.00	37	166.00	38	187.00	38
1973	22.00	45	51.00	45	70.00	45	96.00	45	104.00	43	117.00	39	132.00	38	147.00	37	194.00	39
1974	117.00	48	125.00	48	149.00	48	165.00	47	172.00	46	173.00	45	177.00	42	180.00	40	214.00	41
1975	13.00	38	19.00	40	23.00	41	28.00	35	38.00	22	52.00	19	55.00	12	68.00	13	89.00	10

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
150	178	178	164	177	163	215	865	1142	367	157	172
47240	17950	3543	2175	2336	10520	31410	269600	764700	112000	21630	79120
217	134	59.5	46.6	48.3	103	177	519	874	335	147	281
2.91	1.83	-0.16	-0.61	-0.60	0.41	2.32	2.04	1.34	1.59	3.98	4.00
1.45	0.75	0.33	0.28	0.27	0.63	0.83	0.60	0.77	0.91	0.94	1.64
3.81	4.54	4.54	4.17	4.51	4.14	5.47	22.0	29.1	9.35	4.00	4.38

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.93	2.11	2.21	2.18	2.22	2.08	2.20	2.88	2.94	2.41	2.10	2.01
0.18	0.16	0.05	0.04	0.04	0.16	0.13	0.04	0.11	0.13	0.07	0.14
0.43	0.40	0.23	0.21	0.20	0.40	0.36	0.21	0.33	0.36	0.26	0.37
0.81	-0.85	-3.55	-3.91	-4.07	-1.20	-0.30	0.75	-0.14	0.43	1.04	1.38
0.22	0.19	0.10	0.09	0.09	0.19	0.16	0.07	0.11	0.15	0.13	0.19
7.06	7.73	8.11	8.00	8.14	7.63	8.07	10.6	10.8	8.85	7.70	7.37

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
327	26000	161	1.07	0.49	0.123

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.47	0.04	0.20	0.33	0.08	0.058

08223000 RIO GRANDE AT ALAMOSA, COLO.

LOCATION.--Lat 37°28'53", long 105°52'46", in SE¼NE¼ sec.4, T.37 N., R.10 E., Alamosa County, on right bank 0.2 mi (0.3 km) northwest of city limits of Alamosa and 9 mi (14 km) upstream from Alamosa Creek.

DRAINAGE AREA.--1,710 mi² (4,430 km²), approximately.

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs, ground-water withdrawals and diversions for irrigation, and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE AT ALAMOSA, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1913					1	5	9	13	3	5	5	14	21	9	11	3	11	12	15	37	117	26	3	33	7	4	1								
1914																8	1	4	9	9	43	149	44	20	21	12	14	10	12	9					
1915															2	13	14	8	34	73	78	68	9	10	18	7	14	17							
1916															2	1	2	5	27	53	103	58	25	27	23	9	14	12	5						
1917																	9	12	31	21	48	71	47	14	13	26	16	20	11	2	6	16	2		
1918								3	10	7	8	10	6	5	24	15	25	26	33	48	77	58	6	1	1	2									
1919													5	22	15	17	6	12	18	64	76	24	26	22	12	6	10	13	7	9	1				
1920														4	1	6	16	21	47	16	45	120	18	11	3	6	4	2	2	12	7	25			
1921																			17	14	88	59	44	58	16	19	9	8	5	4	6	5	5	7	1
1922									1		7	16	26	21	4	1		5	12	5	24	114	60	5	7	7	10	11	13	8	8				
1923											10	10		11	4	3	1		19	26	77	110	44	10	6	18	12	4							
1924												50	5	2	5	9	11	4	6	5	46	64	13	32	38	22	24	15	2	13					
1925												25	8	24	19	19	15	22	40	72	59	23	24	15											
1926								6	10	5	28	6	3	7	9	18	8	9	12	13	19	133	53	4	3	4	8	7							
1927									4		21	2	2	19	9	45	9	8	14	43	42	79	12	4	8	5	12	9	6	2	5	3	1		1
1928												15	11	18	27	32	10	9	12	8	4	116	28	34	13	10	5	12	2						
1929												21	1	10	18	21	12	9	13	69	84	17	18	21	13	14	5	14	5						
1930										1	16	7	22	30	51	11	8	2	5	15	77	47	34	15	11	10	3								
1931												72	31	31	49	23	5	4	90	3	32	25													
1932								5		9	13	26	36	39	15	8	8	10	11	80	36	16	14	10	4	5	10	3	3	5					
1933							4		31	22	12	20	27	30	17	14	20	10	13	60	78	6	1												
1934				6			1		3		9	75	63	26	30	32	7	11	9	37	53	3													
1935					3			5	5	36	45	27	49	37	18	26	12	9	47	12	3	9	1	2	4	5	4	3	3						
1936											6	11	18	85	56	31	21	16	37	52	28	5													
1937										2	20	53	13	24	23	19	10	12	47	44	77	9	5	5	1	1									
1938							1	10	2	2	28	15	27	20	15	16	10	5	28	75	50	4	3	7	10	7	11	13	6						
1939											6	20	21	29	50	33	10	7	2	7	85	16	32	33	9	5									
1940							14	15	5	6	35	49	11	22	78	13	22	10	47	28	7	4													
1941						5	16	4	4		6	10	17	19	24	26	11	7	11	103	18	13	3	2	6	12	9	15	10	3	3	8			
1942											16	22	5	8	28	5	2	3	2	65	9	53	17	16	17	22	33	17	12	11	2				
1943											12	36	17	78	55	30	22	5	8	2	74	26													
1944									7	18	25	27	20	8	2	9	8	5	13	100	39	14	5	1	5	11	17	14	11	6	1				
1945						4	3			6	31	41	22	33	19	26	29	8	19	39	81	4													
1946										2	12	49	23	35	56	28	20	10	63	43	24														
1947									1	5	16	23	38	42	32	23	15	10	28	33	77	20		2											
1948											13	37	17	18	12	12	6	4	5	12	75	58	25	19	11	4	6	5		5	14	8			
1949									11	5	7	48	9	6	20	10	11	14	15	53	93	14	3	5	4	7	6	5	3	2	6	6	2		
1950		1		1		2	1		3	8	7	30	59	59	17	21	17	10	8	8	82	31													
1951										7	38	42	40	58	32	15	11	15	19	85	3														
1952								1	8	17	23	9	13	18	26	26	18	29	53	79	20	1	6	5	3	1	3	5	1	1					
1953											36	38	32	34	23	21	39	12	20	37	72	1													
1954												16	36	75	59	48	23	12	20	66	10														
1955										5	41	42	32	57	42	27	21	6	40	51	1														
1956									17	5	64	57	26	30	29	18	14	13	38	55															
1957								16	36	16	14	58	44	35	21	22	12	7	20	9	14	6	8	7	7	3	3	4	1	2					
1958										4	27	19	23	28	26	11	5	7	26	65	49	27	6	3	5	8	7	12	3	4					
1959									9	22	15	35	31	40	28	34	19	15	63	45	9														
1960										6	9	43	18	10	29	15	23	23	30	109	34	15	2												
1961											6	9	28	58	61	37	28	30	93	7	5	3													
1962												4	18	31	27	8	15	17	36	69	65	41	17	7	5	5									
1963							5	1		5	6	43	23	56	37	28	43	19	11	58	29	1													
1964											16	76	26	42	59	22	73	1	50	1															
1965												5	27	19	7	30	37	46	47	36	42	11	13	10	18	8	1	3	5						
1966												9	10	15	21	53	32	13	19	24	103	28	22	12	2	2									
1967											7	13	16	52	41	50	33	15	40	46	49	3													
1968											3	5	7	13	31	17	18	15	19	111	56	21	15	5	6	4	12	8							
1969														3	18	37	30	19	46	60	119	19	8	5	1										
1970											2	7	3	16	14	15	18	15	22	35	83	70	19	24	14	3	2	3							
1971													9	9	19	43	49	32	31	9	58	77	23	4	2										
1972												1	1	18	25	21	35	37	46	68	51	43	14	5	1										
1973																	9	2	2	99	99	60	37	4	20	22	9	2							
1974												22	26	41	25	22	14	8	9	88	57	25	27	1											
1975												3	18	12	13	7		1	70	42	56	48	40	27	14	12	2								

08223000 RIO GRANDE AT ALAMOSA, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE AT ALAMOSA, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	23010	100.0	12	22.0	1140	20309	88.3	24	610	382	1647	7.1
1	1.00	1	23010	100.0	13	28.0	1601	19169	83.3	25	810	328	1265	5.4
2	1.30	0	23009	100.0	14	38.0	1530	17568	76.3	26	1100	296	937	4.0
3	1.70	7	23009	100.0	15	50.0	1254	16038	69.7	27	1400	266	641	2.7
4	2.30	4	23002	100.0	16	66.0	1043	14784	64.3	28	1900	128	375	1.6
5	3.10	16	22998	99.9	17	87.0	747	13741	59.7	29	2500	98	247	1.0
6	4.00	54	22982	99.9	18	110.0	1737	12994	56.5	30	3300	59	149	.6
7	5.30	79	22928	99.6	19	150.0	2801	11257	48.9	31	4300	71	90	.3
8	7.10	170	22849	99.3	20	200.0	3212	8456	36.7	32	5700	10	19	
9	9.30	226	22679	98.6	21	270.0	2166	5244	22.8	33	7600	7	9	
10	12.00	721	22453	97.6	22	350.0	874	3078	13.4	34	10000	2	2	
11	16.00	1423	21732	94.4	23	460.0	557	2204	9.6					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE AT ALAMOSA, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1913	1200.0	32	1080.0	32	886.0	32	704.0	32	490.0	33	380.0	33	370.0	32	343.0	31	297.0	30
1914	3150.0	12	3100.0	12	2790.0	12	2340.0	13	2140.0	10	1430.0	12	1230.0	10	1010.0	8	780.0	8
1915	1890.0	24	1820.0	24	1680.0	23	1480.0	17	1130.0	17	859.0	19	706.0	16	597.0	18	475.0	16
1916	2420.0	18	2270.0	17	2010.0	17	1400.0	19	999.0	22	771.0	20	618.0	20	677.0	14	572.0	14
1917	5960.0	4	5770.0	3	5540.0	3	5190.0	2	4320.0	3	2720.0	3	1960.0	3	1550.0	3	1110.0	3
1918	880.0	36	778.0	36	583.0	37	420.0	37	304.0	40	266.0	40	238.0	43	234.0	42	226.0	39
1919	3360.0	11	3230.0	11	3010.0	11	2650.0	11	2050.0	12	1510.0	11	1170.0	12	954.0	12	709.0	10
1920	5660.0	5	5630.0	5	5370.0	4	5130.0	3	4630.0	2	3350.0	1	2360.0	2	1860.0	2	1320.0	2
1921	10000.0	2	9770.0	1	9210.0	1	7690.0	1	5610.0	1	3350.0	2	2450.0	1	2010.0	1	1440.0	1
1922	3930.0	8	3910.0	8	3600.0	8	2780.0	9	2560.0	7	1980.0	6	1420.0	7	1150.0	6	863.0	5
1923	1660.0	28	1530.0	28	1380.0	27	1190.0	26	853.0	26	606.0	25	552.0	23	573.0	20	465.0	19
1924	3070.0	13	3070.0	13	3020.0	10	2790.0	8	1980.0	13	1530.0	10	1250.0	8	1000.0	9	751.0	9
1925	554.0	41	522.0	41	513.0	39	471.0	36	436.0	35	339.0	34	280.0	37	258.0	36	220.0	40
1926	1700.0	27	1670.0	25	1570.0	24	1370.0	20	1000.0	20	564.0	28	483.0	27	441.0	25	388.0	24
1927	10600.0	1	7800.0	2	5810.0	2	3450.0	7	2240.0	9	1180.0	13	1030.0	13	970.0	11	700.0	12
1928	1950.0	23	1920.0	23	1740.0	22	1280.0	25	1000.0	21	737.0	21	605.0	21	527.0	21	461.0	20
1929	2330.0	21	2240.0	18	1900.0	18	1290.0	24	998.0	23	912.0	16	634.0	18	622.0	16	502.0	15
1930	1340.0	30	1220.0	30	1080.0	30	965.0	28	672.0	29	580.0	26	496.0	26	425.0	27	373.0	25
1931	312.0	50	312.0	46	305.0	45	291.0	45	279.0	43	250.0	45	208.0	48	190.0	49	154.0	49
1932	2980.0	15	2850.0	14	2560.0	14	1820.0	15	1310.0	16	910.0	17	634.0	19	503.0	23	413.0	23
1933	380.0	44	292.0	48	268.0	49	260.0	49	253.0	47	238.0	46	222.0	45	211.0	45	167.0	45
1934	270.0	56	270.0	54	264.0	51	254.0	50	233.0	49	203.0	51	210.0	47	180.0	52	130.0	53
1935	2200.0	22	1990.0	22	1540.0	25	1340.0	23	885.0	25	475.0	31	334.0	33	257.0	37	199.0	41
1936	341.0	46	289.0	49	258.0	53	238.0	52	203.0	55	178.0	55	179.0	53	168.0	53	131.0	52
1937	828.0	37	708.0	37	589.0	36	385.0	41	302.0	41	215.0	49	194.0	50	198.0	47	186.0	42
1938	2350.0	20	2170.0	21	1820.0	20	1770.0	16	1570.0	14	1000.0	15	786.0	14	625.0	15	472.0	18
1939	896.0	35	880.0	34	819.0	34	697.0	33	535.0	32	423.0	32	387.0	30	345.0	30	354.0	27
1940	300.0	51	296.0	47	273.0	48	234.0	54	196.0	56	169.0	56	153.0	58	133.0	59	101.0	60
1941	4870.0	7	4700.0	7	4610.0	6	3770.0	6	2650.0	6	2070.0	5	1480.0	6	1140.0	7	815.0	7
1942	3630.0	10	3390.0	10	3190.0	9	2710.0	10	2500.0	8	1850.0	7	1490.0	5	1190.0	5	840.0	6
1943	275.0	55	275.0	53	275.0	47	275.0	46	271.0	46	259.0	42	259.0	38	230.0	43	167.0	46
1944	3880.0	9	3410.0	9	2760.0	13	2350.0	12	2070.0	11	1670.0	9	1200.0	11	973.0	10	704.0	11
1945	292.0	53	279.0	51	260.0	52	248.0	51	232.0	50	217.0	47	212.0	46	211.0	46	162.0	48
1946	265.0	57	259.0	55	250.0	54	225.0	56	219.0	53	185.0	54	172.0	54	165.0	54	125.0	55
1947	480.0	42	391.0	43	316.0	43	300.0	43	277.0	44	252.0	44	235.0	44	223.0	44	167.0	47
1948	4960.0	6	4820.0	6	4330.0	7	3950.0	5	3590.0	4	2090.0	4	1620.0	4	1300.0	4	930.0	4
1949	6120.0	3	5760.0	4	5150.0	5	4420.0	4	3010.0	5	1750.0	8	1240.0	9	946.0	13	698.0	13
1950	326.0	48	317.0	45	307.0	44	299.0	44	287.0	42	262.0	41	255.0	40	246.0	38	176.0	43
1951	224.0	59	216.0	59	200.0	60	181.0	61	177.0	58	169.0	57	168.0	55	154.0	55	110.0	57
1952	2620.0	17	2200.0	20	1830.0	19	1360.0	22	823.0	27	497.0	29	381.0	31	330.0	32	269.0	32
1953	340.0	47	255.0	56	244.0	55	233.0	55	221.0	52	205.0	50	195.0	49	194.0	48	147.0	51
1954	215.0	60	212.0	60	204.0	59	189.0	59	184.0	57	166.0	58	168.0	56	143.0	58	110.0	58
1955	205.0	61	198.0	61	192.0	61	182.0	60	173.0	60	163.0	59	155.0	57	130.0	60	99.0	61
1956	180.0	62	178.0	62	172.0	62	164.0	62	162.0	61	154.0	60	148.0	61	123.0	61	94.0	62
1957	3060.0	14	2540.0	16	1770.0	21	960.0	29	608.0	30	579.0	27	441.0	28	366.0	28	251.0	35
1958	2900.0	16	2820.0	15	2510.0	15	2000.0	14	1570.0	15	1030.0	14	736.0	15	603.0	17	460.0	21
1959	250.0	58	246.0	57	225.0	58	196.0	58	176.0	59	153.0	61	149.0	60	150.0	57	115.0	56
1960	355.0	45	329.0	44	286.0	46	268.0	47	213.0	54	200.0	52	192.0	51	184.0	51	171.0	44
1961	295.0	52	281.0	50	241.0	56	200.0	57	154.0	62	122.0	62	120.0	62	109.0	62	102.0	59
1962	1040.0	33	1020.0	33	853.0	33	530.0	34	463.0	34	339.0	35	299.0	34	290.0	34	260.0	34
1963	324.0	49	246.0	58	235.0	57	235.0	53	230.0	51	187.0	53	152.0	59	152.0	56	127.0	54
1964	160.0	63	137.0	63	136.0	63	135.0	63	135.0	63	111.0	63	100.0	63	98.0	63	83.0	63
1965	2360.0	19	2210.0	19	2020.0	16	1450.0	18	1010.0	19	683.0	23	525.0	25	437.0	26	340.0	28
1966	932.0	34	838.0	35	678.0	35	479.0	35	426.0	36	332.0	36	292.0	36	282.0	35	267.0	33
1967	281.0	54	277.0	52	265.0	50	261.0	48	251.0	48	215.0	48	187.0	52	188.0	50	149.0	50
1968	1710.0	26	1660.0	26	1530.0	26	1370.0	21	957.0	24	708.0	22	545.0	24	448.0	24	364.0	26
1969	709.0	38	527.0	40	460.0	40	377.0	42	272.0	45	256.0	43	252.0	41	244.0	39	235.0	38
1970	1880.0	25	1640.0	27	1120.0	29	864.0	31	583.0	31	480.0	30	404.0	29	361.0	29	329.0	29
1971	691.0	39	596.0	38	520.0	38	394.0	39	368.0	37	331.0	37	295.0	35	291.0	33	280.0	31
1972	613.0	40	528.0	39	450.0	41	391.0	40	332.0	39	284.0	38	258.0	39	241.0	40	243.0	36
1973	1460.0	29	1420.0	29	1350.0	28	1130.0	27	1020.0	18	879.0	18	691.0	17	581.0	19	473.0	17
1974	462.0	43	445.0	42	417.0	42	400.0	38	339.0	38	279.0	39	251.0	42	235.0	41	243.0	37
1975	1200.0	31	1130.0	31	1000.0	31	879.0	30	759.0	28	652.0	24	560.0	22	509.0	22	423.0	22

08223000 RIO GRANDE AT ALAMOSA, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE AT ALAMOSA, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1914	2.90	3	3.40	4	3.70	2	4.40	1	6.10	3	12.00	7	18.00	10	93.00	44	172.00	47
1915	50.00	58	53.00	58	57.00	56	133.00	59	148.00	58	162.00	56	176.00	54	196.00	53	267.00	56
1916	47.00	57	49.00	57	54.00	54	58.00	54	96.00	56	173.00	57	176.00	55	199.00	55	219.00	52
1917	42.00	53	46.00	54	94.00	60	136.00	60	173.00	60	264.00	61	273.00	59	300.00	59	509.00	62
1918	70.00	60	70.00	60	73.00	57	81.00	56	96.00	57	106.00	52	126.00	51	165.00	51	179.00	48
1919	7.00	12	7.00	12	7.60	13	8.20	9	12.00	13	43.00	43	60.00	42	66.00	41	99.00	39
1920	24.00	50	24.00	48	25.00	48	29.00	48	32.00	45	52.00	46	91.00	47	134.00	49	181.00	49
1921	58.00	59	65.00	59	75.00	58	86.00	57	92.00	55	108.00	54	129.00	52	182.00	52	222.00	53
1922	112.00	61	116.00	61	129.00	61	159.00	61	211.00	62	313.00	62	313.00	62	319.00	61	319.00	57
1923	9.00	21	12.00	31	14.00	35	14.00	27	16.00	24	19.00	19	23.00	20	35.00	28	108.00	40
1924	42.00	54	45.00	53	76.00	59	132.00	58	160.00	59	253.00	60	273.00	60	306.00	60	465.00	61
1925	16.00	42	17.00	41	17.00	40	17.00	37	18.00	30	19.00	20	24.00	21	34.00	27	92.00	38
1926	20.00	45	20.00	44	20.00	43	20.00	40	37.00	48	67.00	50	91.00	48	89.00	43	122.00	43
1927	6.00	10	6.00	10	6.40	10	7.60	8	9.90	9	12.00	8	17.00	8	30.00	24	89.00	36
1928	8.00	18	8.00	18	13.00	28	32.00	50	49.00	50	107.00	53	307.00	61	320.00	62	461.00	60
1929	18.00	43	18.00	42	18.00	41	18.00	38	18.00	31	21.00	28	27.00	30	32.00	26	70.00	28
1930	30.00	52	40.00	52	40.00	52	44.00	52	54.00	52	233.00	59	253.00	58	270.00	58	379.00	59
1931	10.00	22	13.00	32	13.00	29	14.00	28	15.00	19	19.00	21	27.00	31	54.00	39	60.00	24
1932	7.00	13	7.00	13	7.90	14	11.00	16	14.00	14	17.00	12	18.00	9	21.00	8	31.00	7
1933	10.00	23	10.00	23	10.00	18	10.00	15	10.00	10	29.00	35	30.00	34	48.00	36	112.00	41
1934	2.00	2	2.00	1	2.40	1	6.90	6	7.50	5	19.00	22	24.00	22	28.00	22	44.00	19
1935	3.00	4	3.00	3	5.00	6	7.00	7	8.90	6	11.00	5	13.00	3	17.00	4	25.00	3
1936	11.00	29	11.00	27	12.00	23	12.00	17	16.00	20	25.00	33	27.00	32	38.00	32	75.00	29
1937	10.00	24	11.00	28	13.00	30	13.00	23	21.00	36	25.00	34	30.00	33	36.00	29	43.00	18
1938	5.20	9	5.60	9	6.10	8	6.60	4	10.00	11	13.00	9	14.00	6	16.00	2	45.00	20
1939	20.00	46	20.00	45	21.00	44	22.00	42	25.00	39	32.00	36	49.00	41	128.00	48	215.00	51
1940	4.00	7	4.00	7	4.50	5	4.90	3	5.60	2	9.50	2	13.00	4	17.00	5	28.00	6
1941	3.40	5	3.70	6	4.00	4	4.40	2	5.40	1	12.00	6	13.00	5	16.00	3	26.00	4
1942	25.00	51	25.00	51	26.00	49	26.00	45	31.00	43	43.00	44	136.00	53	227.00	57	368.00	58
1943	13.00	37	14.00	37	14.00	36	14.00	29	17.00	25	23.00	29	24.00	23	27.00	18	76.00	31
1944	11.00	30	11.00	29	14.00	37	15.00	34	19.00	34	20.00	26	24.00	24	26.00	14	35.00	11
1945	3.50	6	3.50	5	3.90	3	8.30	10	10.00	12	10.00	3	12.00	2	26.00	15	90.00	37
1946	10.00	25	10.00	24	13.00	31	14.00	30	17.00	26	19.00	23	20.00	14	28.00	19	42.00	16
1947	8.90	20	9.80	20	11.00	19	13.00	24	18.00	32	18.00	17	24.00	25	30.00	25	38.00	12
1948	10.00	26	11.00	25	12.00	24	17.00	35	25.00	40	36.00	39	47.00	40	48.00	37	66.00	27
1949	8.80	19	9.30	19	12.00	25	15.00	31	16.00	21	17.00	13	19.00	11	26.00	16	88.00	35
1950	7.50	16	7.70	17	8.10	15	9.50	13	16.00	22	19.00	24	25.00	28	45.00	34	112.00	42
1951	1.00	1	2.00	2	6.10	9	12.00	18	17.00	27	24.00	30	24.00	26	25.00	11	38.00	13
1952	7.00	14	7.60	15	8.30	17	9.10	12	9.80	8	11.00	4	16.00	7	19.00	6	27.00	5
1953	12.00	33	12.00	30	12.00	26	13.00	25	19.00	35	25.00	31	34.00	35	38.00	30	80.00	33
1954	12.00	34	13.00	33	14.00	32	15.00	32	18.00	33	21.00	27	24.00	27	27.00	17	43.00	17
1955	10.00	27	10.00	21	11.00	20	12.00	19	14.00	15	18.00	18	21.00	18	25.00	12	34.00	10
1956	12.00	35	13.00	34	13.00	27	13.00	26	16.00	23	17.00	14	20.00	15	24.00	10	32.00	8
1957	6.50	11	6.50	11	6.80	11	6.90	5	7.20	4	8.20	1	10.00	1	12.00	1	17.00	1
1958	7.50	17	7.60	16	8.20	16	9.60	14	15.00	16	37.00	41	94.00	49	138.00	50	160.00	45
1959	11.00	31	11.00	26	11.00	21	12.00	20	15.00	17	16.00	10	19.00	12	21.00	9	50.00	23
1960	7.20	15	7.20	14	7.60	12	8.70	11	9.40	7	18.00	15	21.00	16	28.00	20	38.00	14
1961	10.00	28	10.00	22	11.00	22	12.00	21	15.00	18	17.00	11	21.00	17	29.00	23	47.00	21
1962	20.00	47	21.00	46	21.00	45	23.00	43	29.00	41	36.00	40	38.00	38	38.00	31	63.00	25
1963	23.00	49	24.00	49	26.00	50	29.00	49	32.00	46	35.00	38	37.00	36	48.00	38	75.00	30
1964	5.10	8	5.10	8	5.90	7	12.00	22	17.00	28	18.00	16	19.00	13	19.00	7	23.00	2
1965	13.00	36	13.00	35	14.00	33	15.00	33	17.00	29	20.00	25	23.00	19	26.00	13	32.00	9
1966	46.00	55	48.00	55	56.00	55	63.00	55	68.00	53	130.00	55	204.00	57	209.00	56	233.00	55
1967	18.00	44	18.00	43	18.00	42	23.00	44	31.00	44	33.00	37	38.00	37	43.00	33	65.00	26
1968	12.00	32	13.00	36	14.00	34	17.00	36	24.00	38	40.00	42	42.00	39	47.00	35	50.00	22
1969	15.00	38	16.00	39	21.00	46	27.00	46	35.00	47	51.00	45	72.00	45	94.00	45	134.00	44
1970	46.00	56	49.00	56	50.00	53	54.00	53	80.00	54	83.00	51	97.00	50	126.00	47	162.00	46
1971	15.00	39	15.00	38	17.00	38	21.00	41	30.00	42	53.00	47	61.00	43	103.00	46	182.00	50
1972	22.00	48	22.00	47	22.00	47	27.00	47	49.00	51	64.00	49	72.00	46	71.00	42	77.00	32
1973	16.00	40	25.00	50	34.00	51	40.00	51	44.00	49	56.00	48	63.00	44	64.00	40	84.00	34
1974	155.00	62	160.00	62	170.00	62	175.00	62	184.00	61	186.00	58	191.00	56	198.00	54	225.00	54
1975	16.00	41	17.00	40	17.00	39	19.00	39	22.00	37	25.00	32	27.00	29	28.00	21	41.00	15

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
165	213	211	186	211	227	189	407	750	222	111	130
71100	30630	5746	3203	3522	13110	48640	294300	1203000	106300	35390	61060
267	175	75.8	56.6	59.3	114	221	543	1097	326	188	247
2.38	1.64	0.20	0.12	-0.21	0.16	2.44	1.73	2.43	2.43	3.09	3.57
1.62	0.82	0.36	0.30	0.28	0.51	1.17	1.33	1.46	1.47	1.70	1.90
5.45	7.05	6.99	6.15	6.99	7.50	6.26	13.5	24.8	7.34	3.66	4.30

08223000 RIO GRANDE AT ALAMOSA, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.77	2.16	2.29	2.24	2.30	2.27	2.02	2.26	2.45	2.02	1.71	1.68
0.36	0.18	0.04	0.03	0.03	0.10	0.24	0.31	0.41	0.25	0.23	0.31
0.60	0.43	0.20	0.17	0.17	0.32	0.49	0.55	0.64	0.50	0.48	0.55
0.69	-0.66	-1.86	-2.26	-2.94	-1.62	-0.06	0.44	0.28	0.78	1.00	0.98
0.34	0.20	0.09	0.07	0.07	0.14	0.24	0.24	0.26	0.25	0.28	0.33
7.03	8.58	9.09	8.91	9.14	9.03	8.04	8.98	9.72	8.01	6.80	6.69

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
251	37160	193	1.39	0.77	0.446

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.28	0.10	0.32	0.18	0.14	0.414

08223500 ROCK CREEK NEAR MONTE VISTA, COLO.

LOCATION.--Lat 37°29'25", long 106°15'32", in SE¼SE¼ sec.36, T.38 N., R.6 E., Rio Grande County, on left bank just upstream from Mill ditch, 800 ft (244 m) upstream from Burnt Gulch, 3.5 mi (5.6 km) downstream from North Fork, and 8.7 mi (14.0 km) southwest of Monte Vista.

DRAINAGE AREA.--32.9 mi² (85.2 km²).

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ROCK CREEK NEAR MONTE VISTA, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1938								4	34	70	40	38	9	13	7	21	5	16	11	12	8	3	6	7	9	8	5	11	9	15	4				
1939									1	5	40	70	23	74	45	9	6	15	7	10	10	18	7	4	7	13	1								
1940						1	9	19	61	83	80	21	16	12	12	8	10	10	5	9	7	3													
1941					1		10	46	4	69	59	12	11	14	8	10	6	14	9	5	7	6	3	3	6	4	4	4	9	17	10	5	6	2	1
1942									3	47	74	49	8	17	14	14	14	14	15	5	4	6	5	7	4	13	5	13	12	11	4	6	1		
1943								5	10	91	78	13	13	20	24	27	22	33	8	6	5	6	4												
1944								5	16	82	47	61	14	12	5	13	6	6	7	11	5	6	10	6	2	5	5	1	2	14	8	7	7	1	2
1945									1	26	71	102	7	3	12	8	9	17	10	18	18	13	6	7	8	15	12	2							
1946							2		5	76	78	21	18	46	19	11	17	21	10	14	5	14	8												
1947								31		2	33	30	22	80	22	16	23	19	5	6	10	7	9	4	8	5	18	6	1	5	3				
1948							2	6	13	44	9	70	16	75	13	2	4	8	8	6	8	8	8	4	2	12	7	9	9	12	7	4			
1949									1	72	55	39	13	20	16	12	13	5	5	2	14	13	7	5	5	11	23	17	9	7	1				
1950					4	2	11	13	9	46	83	39	28	28	13	10	8	28	20	9	6	5	3												
1951			2	20	11	43	79	62	25	20	22	9	6	14	4	13	9	11	9	3	2	1													
1952		1		5	38	76	57	6					4	14	7	10	13	21	15	10	8	4	13	4	4	6	6	7	9	7	8	10	3		
1953							2	15	21	43	88	34	39	8	11	17	7	11	5	12	13	11	7	8	6	4	3								
1954		3		16	7	9	16	56	68	56	46	12	10	23	24	17																			
1955					1	12	113	59	13	48	18	33	12	16	27	7	6																		
1967					2	9	16	30	37	30	19	14	15	25	39	15	12	26	33	16	15	3	8		1										
1968				5	1	7	15	14	28	17	39	43	9	1	16	15	5	20	21	10	12	7	6	9	11	7	11	5	12	11	6	1	1	1	
1969		1	1	2	2		12	33	50	23	14	22	14	8	4	5	7	15	22	12	28	22	18	26	6	10	3	5							
1970							2	10	16	16	18	21	15	18	27	27	21	36	35	19	25	9	10	3	7	4	4	4	2	4	9	3			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	8035	100.0	12	5.2	322	3845	47.9	24	31	86	692	8.6
1	1.00	5	8035	100.0	13	6.0	541	3523	43.8	25	36	117	606	7.5
2	1.20	3	8030	99.9	14	7.0	369	2982	37.1	26	42	107	489	6.0
3	1.30	48	8027	99.9	15	8.1	287	2613	32.5	27	49	84	382	4.7
4	1.60	67	7979	99.3	16	9.5	223	2326	28.9	28	57	74	298	3.7
5	1.80	159	7912	98.5	17	11.0	346	2103	26.2	29	66	103	224	2.7
6	2.10	346	7753	96.5	18	13.0	260	1757	21.9	30	77	60	121	1.5
7	2.50	414	7407	92.2	19	15.0	195	1497	18.6	31	89	36	61	.7
8	2.90	416	6993	87.0	20	17.0	210	1302	16.2	32	100	18	25	.3
9	3.30	968	6577	81.9	21	20.0	165	1092	13.6	33	120	4	7	
10	3.80	1011	5609	69.8	22	23.0	138	927	11.5	34	140	3	3	
11	4.50	753	4598	57.2	23	27.0	97	789	9.8					

08223500 ROCK CREEK NEAR MONTE VISTA, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ROCK CREEK NEAR MONTE VISTA, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1938	86.0	8	81.0	8	74.0	9	65.0	8	61.0	7	54.0	6	44.0	7	36.0	8	26.0	8
1939	42.0	14	40.0	14	39.0	14	37.0	13	33.0	13	26.0	13	22.0	13	18.0	13	14.0	13
1940	22.0	19	20.0	19	20.0	19	18.0	19	15.0	19	12.0	19	10.0	19	8.8	19	7.1	19
1941	140.0	2	133.0	2	120.0	1	101.0	2	87.0	2	76.0	1	59.0	1	47.0	1	33.0	1
1942	104.0	4	99.0	5	91.0	5	78.0	6	73.0	4	62.0	4	50.0	4	41.0	4	29.0	5
1943	25.0	17	24.0	18	23.0	16	21.0	16	17.0	17	14.0	18	12.0	18	10.0	18	9.6	17
1944	148.0	1	140.0	1	120.0	2	108.0	1	94.0	1	72.0	2	55.0	2	44.0	2	31.0	2
1945	51.0	12	50.0	12	47.0	12	44.0	12	42.0	11	34.0	11	28.0	12	24.0	12	19.0	12
1946	26.0	16	25.0	16	23.0	17	22.0	15	20.0	15	16.0	16	13.0	16	11.0	17	10.0	16
1947	81.0	9	80.0	9	75.0	8	62.0	10	55.0	10	43.0	10	34.0	10	28.0	10	21.0	10
1948	95.0	7	94.0	7	86.0	7	79.0	5	74.0	3	59.0	5	48.0	5	39.0	5	27.0	7
1949	80.0	10	74.0	10	70.0	10	64.0	9	56.0	9	53.0	7	45.0	6	38.0	7	28.0	6
1950	24.0	18	24.0	17	22.0	18	20.0	17	17.0	18	15.0	17	13.0	17	12.0	16	9.2	18
1951	20.0	20	19.0	20	16.0	20	14.0	20	13.0	20	11.0	20	8.6	20	7.4	20	5.8	20
1952	101.0	5	100.0	4	98.0	3	88.0	3	71.0	5	66.0	3	51.0	3	42.0	3	31.0	3
1953	44.0	13	43.0	13	40.0	13	35.0	14	28.0	14	24.0	14	20.0	14	17.0	14	13.0	14
1954	9.4	22	9.1	22	8.8	22	8.2	22	7.7	22	7.5	21	6.6	21	5.9	21	5.1	21
1955	10.0	21	10.0	21	9.7	21	9.1	21	8.2	21	7.4	22	6.6	22	5.8	22	5.1	22
1967	33.0	15	27.0	15	24.0	15	20.0	18	19.0	16	16.0	15	15.0	15	14.0	15	12.0	15
1968	128.0	3	110.0	3	91.0	4	73.0	7	60.0	8	44.0	9	43.0	8	39.0	6	30.0	4
1969	54.0	11	53.0	11	50.0	11	45.0	11	38.0	12	32.0	12	28.0	11	26.0	11	21.0	11
1970	97.0	6	95.0	6	90.0	6	84.0	4	66.0	6	45.0	8	35.0	9	29.0	9	22.0	9

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ROCK CREEK NEAR MONTE VISTA, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1938	2.60	12	2.60	11	2.80	12	2.90	12	3.00	10	3.10	8	3.30	8	3.40	8	3.60	7
1939	3.80	21	3.90	21	4.40	21	4.50	21	4.50	21	4.50	21	5.00	21	5.30	21	6.20	20
1940	2.70	14	3.00	13	3.00	13	3.00	13	3.00	11	3.20	9	3.30	9	3.40	9	3.60	8
1941	1.70	5	2.00	6	2.00	6	2.20	6	2.40	6	2.60	6	2.70	5	2.70	4	3.00	4
1942	3.50	20	3.50	17	3.50	20	3.50	17	3.50	16	3.70	18	3.80	16	4.00	17	5.50	19
1943	2.60	13	3.10	14	3.20	15	3.40	14	3.50	17	3.50	14	3.60	12	3.60	11	3.70	9
1944	2.50	11	2.60	12	2.70	10	2.80	10	3.10	12	3.30	11	3.40	10	3.60	12	4.00	12
1945	3.00	15	3.10	15	3.20	16	3.40	15	3.50	18	3.70	19	3.80	17	3.90	15	4.10	13
1946	3.30	17	3.50	18	3.50	17	3.50	18	3.50	19	3.50	15	3.60	13	3.70	13	4.10	14
1947	2.40	10	2.50	10	2.50	7	2.50	7	2.50	7	3.20	10	3.60	14	4.30	18	4.90	17
1948	3.50	18	3.50	19	3.50	18	3.50	19	3.50	20	4.00	20	4.30	20	4.70	19	5.20	18
1949	2.30	8	2.40	9	2.70	11	2.80	11	3.10	13	3.40	12	3.50	11	3.50	10	3.70	10
1950	3.50	19	3.50	20	3.50	19	3.50	20	3.50	14	3.70	16	3.90	18	4.00	16	4.50	16
1951	1.70	6	1.70	5	1.80	5	2.00	5	2.00	4	2.20	3	2.30	3	2.30	3	2.40	3
1952	1.00	1	1.30	3	1.30	2	1.50	2	1.60	2	1.80	1	1.80	1	1.90	1	1.90	1
1953	3.00	16	3.10	16	3.10	14	3.40	16	3.50	15	3.70	17	3.70	15	3.80	14	4.30	15
1954	2.00	7	2.20	7	2.50	8	2.60	8	2.80	8	2.90	7	2.90	7	3.00	6	3.10	5
1955	1.10	3	1.20	1	1.20	1	1.40	1	1.50	1	1.80	2	1.90	2	2.00	2	2.10	2
1968	1.30	4	1.40	4	1.50	3	1.80	3	2.00	3	2.50	4	2.80	6	3.20	7	3.70	11
1969	1.00	2	1.30	2	1.50	4	2.00	4	2.30	5	2.60	5	2.70	4	2.90	5	3.60	6
1970	2.40	9	2.40	8	2.60	9	2.70	9	3.00	9	3.40	13	4.30	19	4.80	20	7.70	21

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
5.09	4.26	3.55	3.38	3.69	4.71	14.7	39.2	29.5	12.4	10.2	6.27
9.39	3.84	1.26	0.88	0.60	1.29	54.0	555	453	52.8	68.3	11.8
3.06	1.96	1.12	0.94	0.78	1.14	7.35	23.6	21.3	7.27	8.27	3.44
2.24	1.90	1.06	0.71	-1.10	0.06	0.81	0.16	0.50	0.48	2.53	0.55
0.60	0.46	0.32	0.28	0.21	0.24	0.50	0.60	0.72	0.59	0.81	0.55
3.72	3.11	2.60	2.47	2.70	3.44	10.7	28.6	21.6	9.03	7.43	4.58

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.65	0.59	0.53	0.51	0.56	0.66	1.11	1.49	1.34	1.01	0.90	0.72
0.04	0.03	0.02	0.01	0.01	0.01	0.05	0.11	0.14	0.09	0.09	0.07
0.21	0.17	0.13	0.12	0.11	0.11	0.22	0.33	0.37	0.30	0.30	0.27
0.71	0.65	0.20	-0.30	-1.64	-0.57	-0.03	-0.53	-0.21	-0.39	0.18	-0.45
0.33	0.29	0.25	0.24	0.20	0.17	0.20	0.22	0.28	0.30	0.34	0.37
6.46	5.89	5.27	5.09	5.51	6.55	11.1	14.8	13.3	9.97	8.96	7.19

08223500 ROCK CREEK NEAR MONTE VISTA, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
11.3	25.4	5.04	-0.18	0.45	0.054

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.00	0.05	0.23	-0.64	0.23	0.148

CLOSED BASIN IN SAN LUIS VALLEY, COLO.

08224200 RASPBERRY CREEK NEAR VILLA GROVE, COLO.

LOCATION.--Lat 38°20'25", long 105°56'35", in NW¼SE¼ sec.11, T.47 N., R.9 E., Saguache County, on left bank 30 ft (9 m) upstream from trail crossing, 3.2 mi (5.1 km) upstream from Rock Creek, and 6.5 mi (10.5 km) north of Villa Grove.

DRAINAGE AREA.--1.78 mi² (4.61 km²).

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RASPBERRY CREEK NEAR VILLA GROVE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1968			1		2		10	33	54	80	33	24	26	40	19	6	21	2	7	3	2	1	2												
1969							7	51	64	19	20	7	41	14	22	15	52	11	15	11	8	2	1	3	2										
1970									30	51	110	46	38	30	10		33	2	3	6	6														

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1096	100.0	12	0.7	105	454	41.4	24	2	2	2	.1
1	0.05	0	1096	100.0	13	0.8	84	349	31.8	25				
2	0.06	1	1096	100.0	14	0.9	51	265	24.2	26				
3	0.07	0	1095	99.9	15	1.0	21	214	19.5	27				
4	0.08	2	1095	99.9	16	1.1	106	193	17.6	28				
5	0.09	0	1093	99.7	17	1.3	15	87	7.9	29				
6	0.10	17	1093	99.7	18	1.4	25	72	6.6	30				
7	0.20	84	1076	98.2	19	1.6	20	47	4.3	31				
8	0.30	148	992	90.5	20	1.8	16	27	2.5	32				
9	0.40	150	844	77.0	21	2.0	3	11	1.0	33				
10	0.50	163	694	63.3	22	2.3	3	8	0.7	34				
11	0.60	77	531	48.4	23	2.6	3	5	0.5					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RASPBERRY CREEK NEAR VILLA GROVE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1968	2.3	2	2.2	2	2.0	2	1.7	3	1.4	3	1.1	3	1.0	2	1.0	2	0.9	2
1969	3.0	1	2.9	1	2.7	1	2.2	1	1.9	1	1.6	1	1.4	1	1.4	1	1.1	1
1970	1.9	3	1.9	3	1.8	3	1.7	2	1.4	2	1.2	2	1.0	3	0.9	3	0.8	3

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RASPBERRY CREEK NEAR VILLA GROVE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1968	0.06	1	0.08	1	0.10	1	0.13	1	0.17	1	0.21	1	0.25	1	0.29	1	0.37	1
1969	0.10	2	0.11	2	0.12	2	0.17	2	0.22	2	0.26	2	0.29	2	0.30	2	0.42	2
1970	0.29	3	0.30	3	0.33	3	0.35	3	0.37	3	0.43	3	0.46	3	0.48	3	0.56	3

08224500 KERBER CREEK AT ASHLEY RANCH, NEAR VILLA GROVE, COLO.

LOCATION.--Lat 38°14'28", long 106°06'57", in SW¼NW¼ sec.17, T.46 N., R.8 E., Saguache County, on left bank at Ashley Ranch, 4.5 mi (7.2 km) upstream from Little Kerber Creek and 9 mi (14 km) west of Villa Grove.

DRAINAGE AREA.--38 mi² (98 km²), approximately.

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
KERBER C AT ASHLEY RANCH, NR VILLA GROVE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1924													112	2	34	21	9	20	52	8	10	7	7	10	20	14	5	15	5	7	8				
1925												90	30	31	26	56		45	20	15	18	5	14	15											
1926											4		69	107	17	47	5	4	12	18	4	9	9	11	9	15	9	11	5						
1937											7	23	112	32	19	32	11	50	5	5	8	17	19	14	11										
1938											6	46	118	15	8	40	13	10	12	12	6	10	10	7	10	24	17	1							
1939												5	108	27	73	15	11	7	16	30	17	5	5	13	14	16	3								
1940									5	4	21	84	90	55	28	4	10	4	14	16	15	13	3												
1941											71	64	41	21	27	13	20	12	10	5	5	9	9	2	2	2	6	16	18	6		4	1	1	
1942											30	44	46	1	33	21	26	16	37	37	10	2	9	1	3	10	4	10	8	7	4	5	1		
1943									5	6	7	68	37	56	74	16	10	6	4	10	19	17	8	8	7	4	3								
1944									2	5	5	21	86	45	41	3	37	4	36	10	5	8	7	4	6	16	21	4							
1945									12	3	20	9	51	77	60	12	13	41	6	4	8	12	11	10	8	3	5								
1946										8	8	47	85	53	30	61	9	10	8	15	11	4	10	5	1										
1947										1		5	186	18	47	11	4	4	10	10	10	17	2	1	5	23	8	3							
1948												18	86	99	27	23	14	3	8	13	5	4	11	13	11	4	7	13	2	5					
1949												28	84	71	28	16	12	11	7	8	8	7	10	21	12	8	19	12	3						
1950		1		8	6	10	1	13	10	42	37	9	45	39	21	28	14	3	34	38	5	1													
1951								2	2	42	128	13	45	29	16	12	8	8	16	20	12	5	2	5											
1952									4	17	39	35	77	38	14	19	14	13	6	12	11	12	4	9	7	8	15	12							
1953										1	5	65	76	38	30	32	9	12	15	17	12	8	4	6	9	7	11	7	1						
1954								2	3	6	13	16	104	75	54	23	14	15	18	9	5	8													
1955									2	14	15	107	72	21	11	16	15	5	39	10	6	17	15												
1956						6	6	8	15	78	58	50	35	5	14	16	13	3	11	8	5	8	22	5											
1957										84	5	59	27	3	10	6	3	3	6	14	4	13	27	21	25	21	7	18	4	5					
1958														11	81	45	37	35	13	40	12	34	10	7	3	3	3	13	7	7	4				
1959											6	20	43	105	36	40	12	16	14	18	10	10	19	11	5										
1960						1	1	32	4	10	11	48	36	26	6	29	45	7	19	20	15	16	12	9	13	6									
1961										31	28	1	58	83	25	18	37	9	13	21	17	8	10	6											
1962											1	15	46	137	40	6	4	7	7	15	8	9	33	3	17	7	7	3							
1963		4	2	1	1		1	3	4	31	4	13	89	30	51	17	18	5	65	8	16	2													
1964									91	35	14	29	28	22	11	17	15	16	11	19	11	10	7	16	6	4	3	1							
1965										59		31	60	35	15	23	21	5	6	10	10	8	16	11	15	11	12	14	3						
1966										3	20	11	43	41	18	98	25	19	25	18	6	14	17	7											
1967										2	4	117	18	42	57	68	22	11	16	8															
1968												99	75	5	15	44	11	8	14	14	8	29	6	8	14	5	11								
1969										6	14	20	52	16	105	17	17	18	26	26	12	12	6	14	4										
1970										5	14	20	33	24	41	68	28	19	37	18	5	8	7	4	10	3	7	13	1						
1971								2	1	4	15	29	45	18	44	70	13	12	25	36	3	9	11	16	11	1									
1972				4	9	4	2	7	6	16	24	25	83	31	25	21	9	17	16	34	7	12	14												
1973										8	72	34	49	35	14	21	15	10	11	10	6	10	11	3	6	9	9	11	11	8	2				
1974										3	19	6	21	128	65	26	13	10	7	5	7	14	19	13	5	2	2								
1975											30	87	65	31	7	10	16	12	11	10	6	9	4	9	6	13	5	21	6	7					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	15340	100.0	12	2.9	2666	12247	79.8	24	43	275	1067	6.9
1	0.10	5	15340	100.0	13	3.7	1778	9581	62.5	25	54	239	792	5.1
2	0.30	2	15335	100.0	14	4.6	1398	7803	50.9	26	68	199	553	3.6
3	0.40	13	15333	100.0	15	5.8	1181	6405	41.8	27	85	198	354	2.3
4	0.50	16	15320	99.9	16	7.2	652	5224	34.1	28	110	74	156	1.0
5	0.60	21	15304	99.8	17	9.0	545	4572	29.8	29	130	52	82	.5
6	0.80	11	15283	99.6	18	11.0	738	4027	26.3	30	170	18	30	.1
7	1.00	69	15272	99.6	19	14.0	674	3289	21.4	31	210	9	12	
8	1.20	166	15203	99.1	20	18.0	378	2615	17.0	32	260	2	3	
9	1.50	524	15037	98.0	21	22.0	432	2237	14.6	33	330	1	1	
10	1.90	755	14513	94.6	22	28.0	420	1805	11.8	34				
11	2.40	1511	13758	89.7	23	35.0	318	1385	9.0					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
KERBER C AT ASHLEY RANCH, NR VILLA GROVE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1924	208.0	3	191.0	4	181.0	3	157.0	3	129.0	3	100.0	3	81.0	2	65.0	2	46.0	1
1925	41.0	32	41.0	31	41.0	30	39.0	29	34.0	30	27.0	30	22.0	30	19.0	30	15.0	30
1926	128.0	9	125.0	9	116.0	9	104.0	9	88.0	9	68.0	11	53.0	10	43.0	10	30.0	10
1937	50.0	28	49.0	28	48.0	26	46.0	25	40.0	26	34.0	25	28.0	23	23.0	24	17.0	24
1938	86.0	18	82.0	18	80.0	17	74.0	16	68.0	16	59.0	14	48.0	12	38.0	12	27.0	12
1939	73.0	23	68.0	24	67.0	21	66.0	19	58.0	20	45.0	19	35.0	19	28.0	20	20.0	20
1940	30.0	38	29.0	38	27.0	38	24.0	38	22.0	38	18.0	37	14.0	39	12.0	38	9.0	38

08224500 KERBER CREEK AT ASHLEY RANCH, NEAR VILLA GROVE, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
KERBER C AT ASHLEY RANCH, NR VILLA GROVE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1941	363.0	1	316.0	1	259.0	1	185.0	2	150.0	2	118.0	1	86.0	1	66.0	1	45.0	3
1942	275.0	2	250.0	2	231.0	2	193.0	1	155.0	1	107.0	2	77.0	3	61.0	3	43.0	4
1943	71.0	24	70.0	23	66.0	23	55.0	22	40.0	27	33.0	26	27.0	24	22.0	26	16.0	27
1944	104.0	15	97.0	15	87.0	15	80.0	15	74.0	14	61.0	12	46.0	13	37.0	13	27.0	13
1945	79.0	21	78.0	21	67.0	22	52.0	23	47.0	22	36.0	21	27.0	25	23.0	25	17.0	25
1946	49.0	29	42.0	30	38.0	31	35.0	31	27.0	36	21.0	35	16.0	36	14.0	35	10.0	36
1947	93.0	16	87.0	16	82.0	16	71.0	17	66.0	17	51.0	17	39.0	17	31.0	18	22.0	19
1948	153.0	8	147.0	7	138.0	6	115.0	6	96.0	8	69.0	8	53.0	11	41.0	11	29.0	11
1949	115.0	10	112.0	10	100.0	10	89.0	12	81.0	10	69.0	9	57.0	8	47.0	8	33.0	8
1950	25.0	39	20.0	41	18.0	41	17.0	41	16.0	41	15.0	40	13.0	40	13.0	40	8.0	40
1951	42.0	31	39.0	32	36.0	33	29.0	37	23.0	37	18.0	38	15.0	37	12.0	39	9.0	39
1952	109.0	14	101.0	14	94.0	13	86.0	13	70.0	15	60.0	13	46.0	14	37.0	14	26.0	14
1953	112.0	12	105.0	13	92.0	14	80.0	14	75.0	13	52.0	16	40.0	15	32.0	15	23.0	16
1954	24.0	40	23.0	39	23.0	39	21.0	39	17.0	39	14.0	41	11.0	41	9.4	41	7.8	41
1955	33.0	36	33.0	36	32.0	36	30.0	36	28.0	33	21.0	36	18.0	33	14.0	36	11.0	34
1956	35.0	35	35.0	35	35.0	35	33.0	32	31.0	31	24.0	31	18.0	34	15.0	33	10.0	35
1957	160.0	7	153.0	6	135.0	7	114.0	7	106.0	7	82.0	7	70.0	5	61.0	4	46.0	2
1958	198.0	4	192.0	3	179.0	4	153.0	4	128.0	4	86.0	6	66.0	7	53.0	7	38.0	6
1959	51.0	27	50.0	27	45.0	28	37.0	30	35.0	28	28.0	28	24.0	28	20.0	28	15.0	28
1960	57.0	25	56.0	25	52.0	25	46.0	26	45.0	23	35.0	22	29.0	21	25.0	21	18.0	21
1961	40.0	33	38.0	34	36.0	34	32.0	34	28.0	34	22.0	33	18.0	35	15.0	34	12.0	33
1962	87.0	17	83.0	17	76.0	19	66.0	20	62.0	18	47.0	18	39.0	18	32.0	16	23.0	17
1963	23.0	41	21.0	40	20.0	40	20.0	40	17.0	40	15.0	39	14.0	38	12.0	37	9.1	37
1964	85.0	19	79.0	20	70.0	20	57.0	21	48.0	21	35.0	23	28.0	22	23.0	22	17.0	22
1965	114.0	11	109.0	11	99.0	12	92.0	11	81.0	11	68.0	10	56.0	9	46.0	9	33.0	9
1966	40.0	34	39.0	33	37.0	32	33.0	33	31.0	32	24.0	32	20.0	31	17.0	31	13.0	31
1967	17.0	42	15.0	42	14.0	42	13.0	42	12.0	42	9.3	42	8.3	42	7.9	42	7.3	42
1968	84.0	20	81.0	19	77.0	18	69.0	18	58.0	19	42.0	20	34.0	20	30.0	19	22.0	18
1969	48.0	30	47.0	29	44.0	29	41.0	28	35.0	29	27.0	29	22.0	29	19.0	29	15.0	29
1970	110.0	13	105.0	12	100.0	11	94.0	10	79.0	12	54.0	15	40.0	16	32.0	17	24.0	15
1971	54.0	26	50.0	26	46.0	27	45.0	27	42.0	24	33.0	27	27.0	26	23.0	23	17.0	23
1972	31.0	37	31.0	37	31.0	37	30.0	35	27.0	35	21.0	34	18.0	32	16.0	32	12.0	32
1973	196.0	5	169.0	5	154.0	5	140.0	5	118.0	5	95.0	4	71.0	4	56.0	5	39.0	5
1974	75.0	22	70.0	22	59.0	24	49.0	24	42.0	25	34.0	24	26.0	27	21.0	27	16.0	26
1975	160.0	6	138.0	8	128.0	8	112.0	8	112.0	6	86.0	5	67.0	6	53.0	6	37.0	7

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
KERBER C AT ASHLEY RANCH, NR VILLA GROVE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1925	2.50	32	2.50	31	2.50	32	2.50	28	2.50	24	2.50	20	2.50	16	2.80	16	3.30	18
1926	3.00	37	3.00	37	3.00	36	3.00	36	3.00	33	3.30	34	3.50	32	3.60	32	4.40	32
1938	2.20	28	2.20	27	2.30	28	2.50	29	2.50	25	2.70	26	3.00	27	3.10	22	3.00	14
1939	2.10	27	2.20	28	2.20	26	2.60	32	3.30	36	3.50	35	3.50	33	3.90	34	6.20	39
1940	1.60	19	1.80	24	1.90	22	2.10	23	2.30	18	2.40	17	2.60	19	2.80	17	3.00	15
1941	1.20	11	1.20	10	1.30	7	1.80	14	2.00	14	2.10	12	2.30	9	2.30	7	2.80	9
1942	1.90	26	2.00	25	2.00	24	2.00	22	2.00	15	2.30	13	2.50	17	3.10	23	5.60	37
1943	1.30	13	1.30	11	1.40	11	1.60	9	2.00	16	2.30	14	2.50	18	2.80	18	3.00	16
1944	2.80	35	2.90	35	2.90	33	3.00	33	3.00	34	3.00	31	3.50	34	4.00	35	4.20	29
1945	1.20	12	1.30	12	1.30	8	1.30	6	1.70	9	2.50	21	2.80	23	2.90	19	3.30	19
1946	2.50	33	2.50	32	2.50	29	2.50	30	2.50	26	2.90	28	3.10	29	3.40	29	3.60	25
1947	1.50	17	1.50	14	1.60	13	1.90	20	2.60	30	3.00	32	3.20	30	3.20	24	3.30	20
1948	2.80	34	2.90	33	3.00	34	3.00	34	3.20	35	3.30	33	3.50	35	3.70	33	3.90	26
1949	2.40	29	2.40	29	2.50	30	2.60	31	2.80	31	2.90	29	3.00	28	3.20	25	3.50	24
1950	1.70	20	1.70	19	1.70	17	1.70	10	1.70	10	2.00	10	2.30	10	2.70	14	3.90	27
1951	0.20	1	0.33	2	0.39	2	0.51	2	0.76	1	1.10	1	1.40	2	1.50	2	1.70	1
1952	1.00	7	1.10	7	1.30	9	1.40	7	1.60	7	1.80	7	2.10	6	2.10	5	2.40	5
1953	1.80	23	2.00	26	2.30	27	2.40	26	2.50	27	2.70	27	2.90	25	3.00	20	3.30	21
1954	1.40	14	1.70	20	2.10	25	2.20	24	2.50	28	3.00	30	3.40	31	3.30	27	3.40	22
1955	1.10	10	1.40	13	1.60	14	2.20	25	2.40	21	2.40	18	2.40	14	2.60	10	2.90	12
1956	1.40	15	1.60	15	1.70	15	1.80	15	1.80	11	1.90	8	1.90	4	2.00	4	2.10	4
1957	0.60	4	0.60	4	0.69	4	0.79	4	1.10	4	1.50	3	1.80	3	1.80	3	1.80	2
1958	4.80	40	5.00	40	5.00	40	5.00	40	5.00	40	5.20	40	5.50	40	6.10	40	8.20	40
1959	3.00	36	3.00	36	3.00	35	3.00	35	3.00	32	3.50	36	3.80	36	4.10	38	4.60	36
1960	1.00	8	1.00	5	1.00	5	1.00	5	1.00	3	1.70	4	2.30	11	3.00	21	4.20	30
1961	0.70	5	1.10	8	1.40	10	1.40	8	1.50	6	1.80	5	2.20	7	2.60	11	2.80	10
1962	3.30	38	3.40	38	3.50	38	3.50	37	3.50	37	3.80	37	4.00	37	4.00	36	4.40	33
1963	1.70	21	1.70	16	1.70	16	1.70	11	1.70	8	2.30	15	2.80	24	3.30	28	3.50	23
1964	0.20	2	0.20	1	0.26	1	0.66	3	1.20	5	1.20	2	1.20	1	1.30	1	1.90	3
1965	1.80	24	1.80	21	1.80	18	1.80	12	1.80	12	1.80	6	2.00	5	2.30	6	2.80	11
1966	3.50	39	3.50	39	3.50	39	3.50	38	3.70	38	4.30	39	4.90	39	5.30	39	6.10	38
1967	1.80	25	1.80	22	1.90	23	2.00	21	2.40	22	2.50	19	2.50	15	2.60	12	2.70	7
1968	2.50	30	2.50	30	2.50	31	2.50	27	2.50	29	2.60	22	2.70	20	2.80	15	3.00	13
1969	1.50	16	1.70	17	1.80	19	1.90	16	2.30	19	2.60	23	2.80	21	3.20	26	3.90	28
1970	1.60	18	1.70	18	1.80	20	1.90	17	2.40	23	2.60	24	3.00	26	3.50	30	4.40	34
1971	1.00	9	1.10	9	1.50	12	1.90	18	2.30	20	2.70	25	2.80	22	3.60	31	4.60	35
1972	0.40	3	0.40	3	0.44	3	0.48	1	0.86	2	1.90	9	2.30	12	2.60	13	3.20	17
1973	0.80	6	1.00	6	1.30	6	1.80	13	1.90	13	2.10	11	2.20	8	2.40	8	2.70	8
1974	2.50	31	2.90	34	3.10	37	3.70	39	3.80	39	3.90	38	4.00	38	4.00	37	4.30	31
1975	1.70	22	1.80	23	1.80	21	1.90	19	2.20	17	2.40	16	2.40	13	2.50	9	2.60	6

08224500 KERBER CREEK AT ASHLEY RANCH, NEAR VILLA GROVE, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
0.65	0.61	0.47	0.42	0.47	0.70	1.13	1.60	1.49	0.99	0.77	0.60
0.05	0.03	0.02	0.02	0.03	0.03	0.05	0.08	0.11	0.10	0.08	0.07
0.21	0.17	0.13	0.16	0.16	0.17	0.21	0.27	0.32	0.31	0.29	0.26
0.81	0.33	-0.08	-0.46	-1.08	-0.06	0.69	-0.03	-0.23	0.18	0.58	0.85
0.33	0.28	0.28	0.37	0.34	0.25	0.19	0.17	0.22	0.32	0.37	0.44
6.54	6.14	4.78	4.22	4.74	7.04	11.4	16.2	15.1	9.97	7.77	6.07

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
5.06	4.36	3.11	2.78	3.12	5.36	15.2	48.5	39.9	12.5	7.57	4.94
9.50	3.41	0.96	0.93	1.02	5.04	77.5	967	757	113	58.6	19.0
3.08	1.85	0.98	0.97	1.01	2.24	8.80	31.1	27.5	10.6	7.65	4.35
2.06	1.34	1.22	0.87	0.32	1.31	1.73	1.20	0.84	2.72	3.41	3.25
0.61	0.42	0.32	0.35	0.32	0.42	0.58	0.64	0.69	0.85	1.01	0.88
3.32	2.86	2.04	1.82	2.04	3.52	9.99	31.8	26.2	8.21	4.96	3.24

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
12.7	35.0	5.91	0.71	0.47	-0.017

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.06	0.04	0.20	0.03	0.19	-0.042

CLOSED BASIN IN SAN LUIS VALLEY, COLO.

08226700 COTTON CREEK NEAR MINERAL HOT SPRINGS, COLO.

LOCATION.--Lat 38°07'55", long 105°47'17", in SW¼ sec.20, T.45 N., R.11 E., Saguache County, on left bank just downstream from diversion headgate, 7 mi (11 km) upstream from mouth, and 8 mi (13 km) southeast of Mineral Hot Springs.

DRAINAGE AREA.--13.6 mi^2 (35.2 km^2).

REMARKS.--One small diversion just above station for stock water.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
COTTON CREEK NEAR MINERAL HOT SPRINGS, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1968						3	19	72	38	18	9	8	6	16	7	19	35	18	11	3	9	14	3	6	3	2	5	7	4	2	9	5	12	2	1
1969		4	2		23	41	26	19	9	18	34	14	12	12	4	5	6	5	11	11	6	12	4	7	3	8	10	18	10	8	4	10	8	1	
1970			1		3	2	22	9	46	22	19	27	8	12	6	10	22	11	22	13	8	12	6	7	6	3	4	4	16	6	12	10	5	7	4

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1096	100.0	12	8.2	26	588	53.6	24	21	12	209	19.0
1	3.50	4	1096	100.0	13	8.9	40	562	51.3	25	22	13	197	17.9
2	3.80	3	1092	99.6	14	9.6	17	522	47.6	26	24	19	184	16.7
3	4.10	0	1089	99.4	15	10.0	34	505	46.1	27	26	29	165	15.0
4	4.40	26	1089	99.4	16	11.0	63	471	43.0	28	28	30	136	12.4
5	4.80	46	1063	97.0	17	12.0	34	408	37.2	29	31	16	106	9.6
6	5.20	67	1017	92.8	18	13.0	44	374	34.1	30	33	25	90	8.2
7	5.60	100	950	86.7	19	14.0	27	330	30.1	31	36	25	65	5.9
8	6.00	93	850	77.6	20	15.0	23	303	27.6	32	39	25	40	3.6
9	6.50	58	757	69.1	21	16.0	38	280	25.5	33	42	10	15	1.3
10	7.00	62	699	63.8	22	18.0	13	242	22.1	34	45	5	5	.4
11	7.60	49	637	58.1	23	19.0	20	229	20.9					

CLOSED BASIN IN SAN LUIS VALLEY, COLO.

08226700 COTTON CREEK NEAR MINERAL HOT SPRINGS, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
COTTON CREEK NEAR MINERAL HOT SPRINGS, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1968	45.0	2	43.0	2	41.0	2	38.0	2	36.0	2	26.0	3	25.0	3	22.0	3	17.0	3
1969	42.0	3	40.0	3	39.0	3	34.0	3	33.0	3	31.0	2	28.0	2	25.0	1	19.0	2
1970	47.0	1	46.0	1	45.0	1	43.0	1	38.0	1	35.0	1	29.0	1	25.0	2	20.0	1

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
COTTON CREEK NEAR MINERAL HOT SPRINGS, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1968	4.60	3	4.80	3	4.90	3	5.10	2	5.20	2	5.80	2	5.80	2	6.10	2	7.60	2
1969	3.50	1	3.60	1	3.90	1	4.70	1	4.80	1	5.00	1	5.10	1	5.30	1	6.20	1
1970	4.00	2	4.50	2	4.70	2	5.20	3	5.80	3	5.90	3	6.10	3	6.50	3	8.20	3

CLOSED BASIN IN SAN LUIS VALLEY, COLO.

08227000 SAGUACHE CREEK NEAR SAGUACHE, COLO.

LOCATION.--Lat 38°09'48", long 106°17'24", in SE¼SE¼ sec.10, T.45 N., R.6 E., Saguache County, on left bank 0.2 mi (0.3 km) downstream from Middle Creek, and 10 mi (16 km) northwest of Saguache.

DRAINAGE AREA.--595 mi² (1,541 km²).

REMARKS.--Natural flow of stream affected by transmountain diversions from Colorado River Basin to drainage area above station through Tarbell ditch, and diversions above station for irrigation.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SAGUACHE CREEK NEAR SAGUACHE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1911							31	4	59	2	4	5	12	47	9	26	12	11	9	3	28	16	11	15	15	25	15	5	1						
1912						1		3		60	40	10	42	11	6	22	13	4	18	11	22	35	9	8	15	7	2	5	8	5	9				
1915						19	1	26	20	25	23	7	18	23	31	29	21	12	15	10	17	10	3	5	6	12	11	8	8	5					
1916								5	2	21	31	20	43	39	33	21	6	9	29	7	19	7	8	9	28	17	8	4							
1917											74	38	8	23	46	21	16	26	15	10	4	13	6	6	8	15	7	4	5	4	11	5			
1918								13	11	20	40	26	34	42	24	12	29	10	22	14	17	8	14	19	8	2									
1919								3		63	32	33	5	39	32	17	12	4	7	2	3	10	7	11	10	17	18	15	8	4	5	5	3		
1920								1		4	32	69	15	15	48	36	33	9	13	7	18	6	4	8	5	8	4	3	3	3	4	12	6		
1921											59	31		33	52	30	17	8	3	10	19	19	14	12	10	10	4	6	5	3	5	2	5	7	1
1922										59	31		11	55	46	30	10	15	12	10	25	7	6	9	7	10	11	6	5						
1923							31	28		31	13	33	44	2	8	14	7	5	6	4	27	29	20	23	6	13	13	8							
1924								31	3	61		14	27	12	3	9	8	49	18	11	20	9	10	8	5	4	3	7	13	9	9	21	1	1	
1925							31	31	28			35	13	4	5	39	10	13	39	29	50	18	15	5											
1926									29	34	69	27	14	10	5	20	34	22	8	1	18	14	10	6	2	6	7	7	10	9	3				
1927											59	62			30	23	12	24	9	10	36	52	28	11	6	1		1	1						
1928											62	5	33	12	56	31	19	15	20	14	24	12	5	9	7	4	3	3	6	2	6	7	4	7	
1929										62	28		4	78	25	5	4	5	15	6	14	9	22	21	21	15	18	10	2		1				
1930										31	59		3	46	34	19	23	28	27	43	22	16	9	4	1										
1931							1	1	8	79	48	16	17	77	22	40	11	9	9	6	12	4	3	2											
1932									60	63	13	19	3	47	27	13	8	13	12	6	11	14	12	9	6	8	6	5	2		3	4	2		
1933						2	2	61	32	31	11	35	37	45	12	13	10	11	11	5	13	11	9	4	4	4	2								
1934						2	2	28	39	53	71	71	22	16	7	32	15	7																	
1935								44	94	27	18	20	21	11	13	13	6	11	15	7	9	20	12	6	4	3	2	1	5	3					
1936							2	64	39	3	5	68	25	29	8	18	30	15	19	14	25	2													
1937										61	38	27	57	29	13	11	41	7	7	6	22	14	16	11	1	1	2	1							
1938								52		28	1	26	59	46	18	18	8	9	10	4	6	12	5	5	7	14	12	9	7	7	2				
1939										69	36	23	74	12	15	30	17	6	10	4	10	10	10	10	8	18	3								
1940						12	16	19	95	69	46	59	13	9	5	19	3		1																
1941								31	9	65	27	18	32	21	26	12	12	8	9	7	5	7	5	3	8	6	6	5	12	11	12	8			
1942						28		31		31		64	10	4	12	31	15	9	6	8	8	10	12	16	7	7	6	11	7	3	12	11	5	1	
1943								33	35	4	55	30	27	29	26	30	34	14	15	12	16	4	1												
1944					2	11	5	12	44	12	47	27	57	10	14	9	8	11	8	4	6	8	5	5	7	8	6	8	13	7	9	3			
1945							2	5	34	16	74	41	15	19	11	7	17	15	23	9	45	22	10												
1946								32	4	36	10	47	37	35	37	36	26	18	22	12	13														
1947					1	1	2	7	67	14	24	40	24	16	7	11	17	17	26	6	9	15	14	18	16	10	3								
1948				1	1	4	2	1	9	5	62	61	8	13	19	16	26	13	17	5	15	10	13	16	3	9	5	4	5	9	6	3	1	4	
1949								2	63	34	18	36	30	28	17	9	4	7	6	2	8	11	6	7	6	7	20	13	15	6	5	2	2	1	
1950					4	17	20	15	29	35	28	36	22	57	39	18	22	17	4	2															

CLOSED BASIN IN SAN LUIS VALLEY, COLO.

08227000 SAGUACHE CREEK NEAR SAGUACHE, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SAGUACHE CREEK NEAR SAGUACHE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1951		3	6	4	29	21	26	36	44	39	26	39	17	18	8	16	11	7	7	1	1	2	2		1	1									
1952						3	33	31	22	25	66	2	6	8	13	16	21	18	14	12	14	12	8	11	9	4	4	5	2	1	5	1			
1953										18	56	78	33	49	17	15	18	22	9	7	5	8	10	5	7	5	1	1	1						
1954							20	35	16	22	42	45	62	53	37	17	8	3	2	1	2														
1955						1	19	55	26	18	48	80	23	28	29	20	11	5	2																
1956					6	14	10	80	71	26	39	20	21	22	10	4	6	9	7	9	8	4													
1957				1	1	8	41	19	61	38	13	3	3	5	9	5	8	9	9	5	11	20	13	9	8	9	6	9	9	6	8	8	7	3	1
1958									7	20	11	32	64	49	37	31	23	9	6	1	8	4	6	3	7	11	2	4	3	9	6	6	4	2	
1959							1	16	13	28	58	68	41	31	21	17	12	17	22	12	8														
1960					1	3	11	23	45	44	28	13	20	30	15	11	8	8	19	14	21	19	14	8	11										
1961								31	2	35	74	50	39	26	29	13	20	12	7	17	6	4													
1962						31	31	3		3	49	40	29	34	14	15	10	8	6	4	10	30	29	7	2	5	4	1							
1963					2	21	27	25	34	21	81	79	26	18	10	7	5	2	5		1	1													
1964					31	60		40	12	30	31	15	26	25	17	18	6	10	10	4	9	9	3	4	4	2									
1965									41	52	58	29	3	7	5	8	9	21	8	6	9	9	10	7	11	13	27	14	9	1	3	4	1		
1966					2	26	14	9	4	2	9	30	25	22	21	40	43	24	27	28	11	22	5	1											
1967								1	35	7	56	26	71	55	29	33	20	15	8	5	3	1													
1968						1			2	55	36	24	25	32	33	14	11	18	13	13	5	16	5	9	9	9	7	5	6	6	3	9			
1969									9	38	18	37	30	30	23	21	28	27	27	26	12	18	8	6	4	1	1	1							
1970						2	5	5	10	9	30	36	33	8	15	22	19	18	21	13	30	12	23	5	7	7	8	7	5	10	5				
1971						2	2	1	1	15	29	34	49	39	35	34	23	28	38	16	16	1	1	1											
1972						2	5	4	17	21	53	51	45	36	25	32	21	5	9	10	15	10	4	1											
1973						1	30	49	29	12	23	21	19	22	17	24	15	11	13	4	6	6	10	3	5	16	8	10	7	4					
1974					1	4	9	17	6	20	90	55	59	26	18	14	16	13	6	2	9														
1975							1	35	51	41	23	29	13	23	13	9	19	14	12	3	10	10	18	8	13	10	5	5							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	23011	100.0	12	36.0	1686	13268	57.7	24	180	332	1779	7.7
1	8.10	3	23011	100.0	13	41.0	1707	11582	50.3	25	200	352	1447	6.2
2	9.40	6	23008	100.0	14	47.0	1343	9875	42.9	26	230	268	1095	4.7
3	11.00	8	23002	100.0	15	53.0	1240	8532	37.1	27	260	211	827	3.5
4	12.00	106	22994	99.9	16	61.0	989	7292	31.7	28	300	183	616	2.6
5	14.00	284	22888	99.5	17	70.0	810	6303	27.4	29	350	124	433	1.8
6	16.00	429	22604	98.2	18	79.0	819	5493	23.9	30	390	138	309	1.3
7	18.00	1138	22175	96.4	19	91.0	493	4674	20.3	31	450	102	171	.7
8	21.00	1423	21037	91.4	20	100.0	872	4181	18.2	32	520	41	69	.2
9	24.00	1864	19614	85.2	21	120.0	643	3309	14.4	33	590	26	28	.1
10	27.00	2333	17750	77.1	22	140.0	501	2666	11.6	34	670	2	2	
11	31.00	2149	15417	67.0	23	160.0	386	2165	9.4					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SAGUACHE CREEK NEAR SAGUACHE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1911	329.0	28	293.0	28	264.0	28	233.0	29	226.0	27	221.0	22	199.0	19	181.0	17	143.0	17
1912	425.0	19	421.0	17	413.0	15	390.0	14	334.0	15	254.0	17	214.0	16	190.0	15	143.0	18
1915	372.0	25	361.0	23	341.0	24	289.0	23	275.0	22	237.0	20	197.0	20	169.0	23	130.0	23
1916	275.0	32	275.0	30	258.0	29	221.0	30	206.0	30	191.0	28	168.0	28	163.0	26	129.0	24
1917	476.0	15	463.0	15	455.0	14	425.0	11	350.0	13	292.0	13	239.0	14	202.0	12	151.0	14
1918	201.0	40	198.0	40	184.0	40	176.0	35	170.0	35	148.0	35	131.0	35	116.0	36	98.0	34
1919	538.0	11	519.0	9	464.0	11	453.0	9	376.0	11	312.0	10	279.0	5	244.0	4	178.0	5
1920	580.0	9	549.0	8	522.0	7	508.0	4	443.0	4	318.0	9	248.0	11	204.0	11	154.0	12
1921	674.0	2	651.0	2	640.0	1	584.0	1	470.0	2	335.0	6	278.0	6	239.0	5	179.0	4
1922	341.0	26	336.0	25	307.0	25	278.0	25	246.0	24	206.0	24	173.0	25	151.0	27	117.0	29
1923	271.0	33	268.0	31	258.0	30	255.0	26	233.0	25	195.0	27	179.0	24	170.0	22	140.0	19
1924	602.0	8	504.0	11	496.0	9	487.0	6	446.0	3	383.0	2	329.0	1	274.0	1	202.0	1
1925	168.0	44	162.0	44	154.0	43	151.0	41	137.0	40	122.0	40	116.0	39	112.0	37	103.0	32
1926	407.0	22	392.0	21	377.0	21	362.0	18	319.0	17	256.0	15	212.0	17	177.0	20	133.0	21
1927	310.0	29	266.0	32	213.0	35	171.0	36	154.0	39	149.0	34	136.0	34	131.0	31	122.0	27
1928	664.0	3	655.0	1	629.0	2	551.0	2	409.0	8	345.0	5	266.0	8	220.0	9	163.0	9
1929	410.0	20	329.0	26	201.0	26	250.0	27	232.0	26	200.0	25	171.0	26	181.0	16	155.0	11
1930	187.0	43	167.0	43	161.0	41	149.0	42	135.0	41	105.0	43	96.0	43	93.0	43	86.0	40
1931	166.0	45	157.0	45	133.0	47	122.0	46	110.0	46	91.0	48	79.0	49	70.0	50	58.0	51
1932	576.0	10	505.0	10	488.0	10	403.0	13	306.0	19	231.0	21	192.0	22	165.0	24	125.0	25
1933	256.0	35	227.0	37	201.0	36	166.0	38	157.0	36	126.0	39	111.0	40	95.0	42	74.0	43
1934	74.0	63	74.0	62	71.0	61	65.0	62	63.0	60	58.0	59	50.0	59	45.0	61	39.0	61
1935	389.0	23	357.0	24	345.0	23	289.0	24	223.0	28	174.0	31	149.0	32	126.0	33	97.0	35
1936	123.0	54	119.0	53	115.0	51	111.0	49	103.0	48	93.0	47	81.0	47	77.0	48	66.0	48
1937	282.0	31	257.0	33	186.0	38	163.0	39	156.0	37	140.0	36	125.0	37	108.0	38	88.0	38
1938	442.0	17	409.0	19	387.0	20	348.0	20	308.0	18	250.0	18	217.0	15	179.0	19	135.0	20
1939	234.0	38	230.0	36	225.0	34	218.0	31	203.0	31	169.0	32	146.0	33	121.0	34	93.0	36
1940	80.0	62	71.0	63	62.0	63	59.0	63	56.0	63	47.0	63	41.0	63	38.0	63	33.0	62

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SAGUACHE CREEK NEAR SAGUACHE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1941	502.0	13	475.0	13	456.0	13	414.0	12	378.0	9	346.0	4	280.0	4	229.0	7	166.0	8
1942	609.0	6	567.0	7	524.0	6	475.0	7	420.0	6	352.0	3	304.0	3	259.0	3	188.0	3
1943	148.0	49	136.0	49	119.0	49	105.0	52	91.0	54	79.0	53	73.0	52	71.0	49	67.0	46
1944	478.0	14	468.0	14	408.0	16	383.0	15	364.0	12	306.0	11	246.0	12	201.0	13	148.0	15
1945	158.0	48	156.0	46	146.0	45	135.0	44	129.0	43	119.0	41	105.0	41	104.0	39	88.0	39
1946	110.0	58	108.0	55	105.0	55	101.0	54	95.0	52	84.0	50	76.0	50	69.0	51	63.0	50
1947	253.0	36	243.0	35	232.0	33	212.0	32	202.0	32	179.0	30	159.0	30	138.0	30	111.0	30
1948	624.0	5	609.0	4	574.0	4	473.0	8	412.0	7	295.0	12	254.0	10	214.0	10	158.0	10
1949	652.0	4	587.0	6	502.0	8	441.0	10	378.0	10	322.0	7	278.0	7	236.0	6	171.0	7
1950	98.0	60	92.0	60	81.0	59	76.0	57	69.0	57	66.0	57	60.0	56	55.0	56	48.0	55
1951	201.0	41	179.0	42	149.0	44	114.0	47	92.0	53	72.0	56	60.0	57	53.0	57	44.0	59
1952	453.0	16	432.0	16	405.0	17	342.0	21	262.0	23	210.0	23	170.0	27	148.0	28	118.0	28
1953	334.0	27	284.0	29	237.0	32	205.0	34	185.0	33	136.0	37	119.0	38	104.0	40	81.0	42
1954	116.0	55	107.0	56	86.0	58	70.0	60	65.0	59	56.0	60	50.0	60	47.0	59	45.0	58
1955	90.0	61	74.0	61	69.0	62	65.0	61	57.0	62	51.0	61	46.0	61	46.0	60	42.0	60
1956	138.0	51	125.0	52	114.0	52	109.0	50	97.0	51	78.0	54	66.0	54	58.0	54	46.0	57
1957	678.0	1	646.0	3	609.0	3	544.0	3	490.0	1	388.0	1	316.0	2	271.0	2	202.0	2
1958	605.0	7	588.0	5	562.0	5	494.0	5	436.0	5	320.0	8	246.0	13	196.0	14	145.0	16
1959	115.0	56	104.0	58	97.0	56	92.0	56	88.0	55	82.0	51	72.0	53	64.0	53	57.0	52
1960	195.0	42	188.0	41	185.0	39	171.0	37	154.0	38	133.0	38	126.0	36	118.0	35	91.0	37
1961	130.0	53	126.0	51	119.0	50	107.0	51	100.0	49	82.0	52	73.0	51	65.0	52	57.0	53
1962	260.0	34	251.0	34	240.0	31	208.0	33	181.0	34	162.0	33	149.0	31	129.0	32	99.0	33
1963	132.0	52	107.0	57	94.0	57	73.0	58	61.0	61	49.0	62	43.0	62	40.0	62	33.0	63
1964	221.0	39	199.0	39	187.0	37	159.0	40	135.0	42	96.0	46	88.0	44	79.0	46	64.0	49
1965	535.0	12	500.0	12	460.0	12	379.0	16	335.0	14	290.0	14	258.0	9	226.0	8	172.0	6
1966	140.0	50	135.0	50	128.0	48	111.0	48	107.0	47	98.0	45	86.0	45	81.0	44	69.0	44
1967	103.0	59	94.0	59	79.0	60	73.0	59	66.0	58	62.0	58	55.0	58	50.0	58	47.0	56
1968	428.0	18	415.0	18	403.0	18	356.0	19	286.0	20	198.0	26	192.0	23	172.0	21	131.0	22
1969	238.0	37	202.0	38	158.0	42	132.0	45	115.0	45	105.0	42	103.0	42	95.0	41	82.0	41
1970	410.0	21	405.0	20	395.0	19	376.0	17	331.0	16	255.0	16	209.0	18	180.0	18	151.0	13
1971	163.0	46	140.0	48	113.0	53	102.0	53	97.0	50	88.0	49	80.0	48	77.0	47	68.0	45
1972	160.0	47	150.0	47	145.0	46	136.0	43	122.0	44	100.0	44	86.0	46	79.0	45	66.0	47
1973	386.0	24	376.0	22	352.0	22	297.0	22	285.0	21	240.0	19	195.0	21	163.0	25	124.0	26
1974	114.0	57	113.0	54	107.0	54	99.0	55	86.0	56	72.0	55	64.0	55	57.0	55	49.0	54
1975	298.0	30	293.0	27	279.0	27	248.0	28	220.0	29	189.0	29	160.0	29	140.0	29	108.0	31

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SAGUACHE CREEK NEAR SAGUACHE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1912	20.00	47	20.00	39	23.00	47	24.00	44	24.00	43	25.00	41	26.00	39	29.00	43	45.00	58
1916	19.00	42	20.00	40	25.00	51	25.00	50	26.00	52	28.00	54	31.00	56	32.00	54	37.00	48
1917	28.00	61	30.00	61	30.00	61	30.00	60	30.00	60	30.00	58	31.00	57	33.00	57	41.00	55
1918	20.00	43	20.00	41	20.00	38	20.00	29	22.00	38	25.00	42	27.00	44	29.00	44	33.00	37
1919	25.00	56	25.00	54	25.00	52	25.00	51	25.00	49	25.00	43	27.00	45	29.00	45	35.00	42
1920	20.00	44	21.00	46	27.00	57	27.00	57	27.00	53	30.00	59	32.00	61	37.00	60	40.00	52
1921	27.00	59	27.00	59	27.00	58	27.00	58	27.00	54	28.00	55	29.00	51	34.00	58	40.00	53
1922	25.00	57	25.00	55	25.00	53	25.00	52	25.00	50	25.00	44	27.00	46	31.00	50	38.00	49
1923	17.00	31	17.00	24	17.00	19	17.00	18	17.00	10	19.00	15	20.00	13	23.00	20	28.00	20
1924	20.00	45	20.00	42	20.00	39	20.00	30	20.00	27	22.00	28	23.00	27	30.00	46	48.00	60
1925	17.00	32	17.00	25	17.00	20	17.00	19	17.00	11	18.00	9	19.00	8	22.00	10	29.00	27
1926	22.00	48	22.00	47	22.00	44	22.00	41	22.00	39	24.00	36	26.00	40	27.00	35	36.00	44
1927	23.00	51	26.00	56	27.00	59	30.00	61	30.00	61	30.00	60	31.00	58	32.00	55	40.00	50
1928	28.00	60	28.00	60	28.00	60	28.00	59	28.00	57	28.00	56	32.00	59	37.00	61	50.00	61
1929	26.00	58	26.00	57	26.00	54	26.00	54	26.00	51	26.00	50	27.00	47	31.00	51	36.00	45
1930	24.00	52	24.00	50	24.00	48	24.00	45	24.00	44	25.00	45	27.00	48	31.00	52	45.00	59
1931	24.00	53	24.00	51	24.00	49	24.00	46	24.00	45	25.00	46	26.00	41	30.00	47	35.00	43
1932	17.00	33	20.00	43	21.00	40	21.00	35	21.00	34	22.00	29	23.00	28	23.00	11	26.00	13
1933	18.00	38	18.00	34	18.00	23	18.00	20	18.00	18	19.00	10	19.00	9	23.00	12	29.00	28
1934	14.00	14	14.00	9	15.00	11	19.00	24	21.00	35	22.00	30	24.00	34	26.00	29	28.00	21
1935	16.00	25	17.00	26	19.00	29	19.00	25	19.00	22	20.00	16	21.00	14	21.00	7	23.00	6
1936	16.00	26	18.00	27	20.00	30	20.00	31	20.00	28	20.00	17	21.00	15	23.00	13	28.00	22
1937	17.00	34	19.00	35	20.00	31	24.00	47	24.00	46	25.00	47	25.00	35	28.00	39	33.00	38
1938	18.00	35	18.00	28	18.00	24	19.00	26	19.00	23	20.00	18	23.00	29	26.00	30	30.00	31
1939	24.00	54	24.00	52	24.00	50	24.00	48	24.00	47	24.00	37	25.00	36	28.00	40	37.00	46
1940	20.00	46	20.00	44	21.00	41	21.00	36	21.00	29	21.00	23	22.00	21	23.00	14	25.00	11
1941	14.00	15	15.00	15	15.00	12	16.00	12	19.00	24	21.00	24	21.00	16	23.00	15	24.00	9
1942	15.00	22	15.00	16	15.00	13	15.00	6	15.00	5	17.00	5	19.00	10	23.00	16	34.00	39
1943	18.00	36	18.00	29	18.00	25	18.00	21	18.00	19	19.00	11	21.00	17	23.00	17	27.00	14
1944	12.00	9	14.00	10	18.00	26	21.00	37	21.00	30	22.00	31	24.00	30	27.00	36	30.00	32
1945	14.00	16	14.00	11	14.00	5	15.00	7	19.00	20	24.00	38	26.00	42	26.00	31	27.00	15
1946	19.00	39	20.00	45	20.00	32	20.00	32	20.00	25	22.00	32	24.00	31	27.00	37	34.00	40
1947	13.00	10	19.00	36	21.00	42	21.00	38	21.00	31	21.00	25	23.00	22	26.00	32	29.00	29
1948	14.00	17	16.00	20	20.00	33	25.00	53	28.00	58	28.00	51	30.00	54	32.00	53	41.00	54
1949	11.00	5	14.00	12	15.00	14	17.00	13	22.00	36	23.00	33	23.00	23	25.00	25	26.00	12
1950	12.00	6	13.00	4	14.00	6	15.00	8	17.00	12	20.00	19	23.00	24	27.00	33	32.00	35

CLOSED BASIN IN SAN LUIS VALLEY, COLO.

08227000 SAGUACHE CREEK NEAR SAGUACHE, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SAGUACHE CREEK NEAR SAGUACHE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1951	8.20	1	9.70	1	11.00	1	12.00	1	13.00	1	14.00	1	17.00	2	18.00	2	20.00	2
1952	8.20	2	10.00	2	14.00	7	15.00	9	16.00	8	17.00	6	19.00	3	19.00	4	21.00	4
1953	24.00	55	26.00	58	26.00	55	27.00	55	28.00	59	28.00	52	29.00	52	31.00	48	35.00	41
1954	16.00	27	16.00	21	16.00	15	17.00	14	18.00	13	19.00	12	21.00	18	24.00	21	27.00	16
1955	15.00	23	16.00	22	17.00	21	17.00	15	18.00	14	19.00	13	19.00	4	21.00	8	25.00	10
1956	17.00	28	18.00	30	18.00	22	18.00	22	18.00	15	19.00	14	20.00	11	20.00	5	23.00	7
1957	11.00	3	13.00	5	13.00	3	14.00	4	15.00	6	17.00	7	19.00	5	18.00	3	20.00	3
1958	22.00	49	23.00	48	23.00	45	24.00	49	25.00	48	30.00	57	32.00	60	34.00	59	42.00	56
1959	17.00	29	18.00	31	19.00	27	20.00	33	21.00	32	24.00	39	26.00	43	28.00	38	31.00	33
1960	12.00	7	15.00	17	16.00	16	17.00	16	18.00	16	20.00	20	21.00	19	23.00	18	28.00	23
1961	19.00	40	19.00	37	19.00	28	19.00	27	19.00	21	23.00	34	25.00	37	27.00	34	27.00	17
1962	14.00	18	14.00	13	14.00	8	14.00	5	14.00	4	15.00	4	19.00	6	22.00	9	28.00	24
1963	12.00	8	13.00	6	14.00	9	16.00	10	16.00	7	20.00	21	23.00	25	25.00	26	28.00	25
1964	13.00	11	13.00	7	13.00	4	13.00	2	13.00	2	14.00	2	14.00	1	16.00	1	19.00	1
1965	23.00	50	23.00	49	23.00	46	23.00	42	23.00	40	24.00	40	25.00	38	25.00	27	27.00	18
1966	11.00	4	11.00	3	12.00	2	13.00	3	13.00	3	15.00	3	20.00	12	24.00	22	37.00	47
1967	17.00	30	18.00	32	20.00	34	20.00	28	20.00	26	22.00	26	24.00	32	25.00	23	28.00	19
1968	13.00	12	18.00	33	21.00	43	22.00	39	22.00	37	23.00	35	23.00	26	25.00	24	29.00	26
1969	19.00	41	19.00	38	20.00	35	21.00	34	21.00	33	22.00	27	24.00	33	26.00	28	30.00	30
1970	15.00	24	15.00	14	16.00	17	18.00	23	23.00	41	26.00	48	29.00	53	31.00	49	40.00	51
1971	14.00	19	16.00	18	20.00	36	24.00	43	27.00	55	31.00	61	31.00	55	33.00	56	45.00	57
1972	15.00	20	17.00	23	20.00	37	22.00	40	23.00	42	26.00	49	28.00	49	29.00	41	33.00	36
1973	15.00	21	16.00	19	16.00	18	17.00	17	17.00	9	18.00	8	19.00	7	21.00	6	23.00	8
1974	18.00	37	25.00	53	26.00	56	27.00	56	27.00	56	28.00	53	28.00	50	29.00	42	32.00	34
1975	13.00	13	14.00	8	15.00	10	16.00	11	18.00	17	20.00	22	21.00	20	23.00	19	22.00	5

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
45.3	36.6	25.7	22.5	25.9	38.9	71.6	164	176	96.1	75.6	51.0
349	92.1	35.5	19.1	24.7	111	1573	9228	11840	3269	1621	897
18.7	9.60	5.95	4.37	4.97	10.5	39.7	96.1	109	57.2	40.3	29.9
1.41	0.37	0.25	0.03	-0.18	0.89	2.54	0.87	0.61	1.20	1.29	2.42
0.41	0.26	0.23	0.19	0.19	0.27	0.55	0.58	0.62	0.59	0.53	0.59
5.46	4.42	3.10	2.71	3.12	4.69	8.63	19.8	21.2	11.6	9.12	6.15

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.62	1.55	1.40	1.34	1.40	1.58	1.81	2.14	2.15	1.91	1.82	1.65
0.03	0.01	0.01	0.01	0.01	0.01	0.03	0.07	0.10	0.07	0.05	0.05
0.16	0.12	0.10	0.09	0.09	0.11	0.19	0.26	0.32	0.27	0.22	0.22
0.50	-0.15	-0.31	-0.45	-0.79	0.23	1.01	-0.14	-0.62	-0.34	0.04	0.33
0.10	0.07	0.07	0.07	0.06	0.07	0.10	0.12	0.15	0.14	0.12	0.13
7.98	7.60	6.86	6.59	6.89	7.73	8.88	10.5	10.5	9.35	8.95	8.11

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
69.3	629	25.1	0.14	0.36	0.220

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.81	0.03	0.17	-0.38	0.09	0.211

CLOSED BASIN IN SAN LUIS VALLEY, COLO.

08227500 NORTH CRESTONE CREEK NEAR CRESTONE, COLO.

LOCATION.--Lat 38°00'49", long 105°41'32", Saguache County, on right bank in canyon, 1.5 mi (2.4 km) northeast of Crestone and 3.2 mi (5.1 km) upstream from South Crestone Creek.

DRAINAGE AREA.--10.7 mi^2 (27.7 km^2).

REMARKS.--No diversion above station.

CLOSED BASIN IN SAN LUIS VALLEY, COLO.

08227500 NORTH CRESTONE CREEK NEAR CRESTONE, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH CRESTONE CREEK NEAR CRESTONE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1948									32	66	10	38	15	17	12	27	21	13	22	10	13	7	5	5	6	10	3	13	11	8	2				
1949							64	66	18	11	18	9	17	20	17	10	5	4	9		6	13	7	18	12	17	9	5	4	4	2				
1950					19	44	11	42	13	36	8	23	48	56	27	12	6	10	6	2	1	1													
1951		4	37	32	15	26	12	25	32	30	14	25	20	21	6	2	2	8	12	3	4	2	9	13	2	4		2	3						
1952						86	34	39	33	4	8	11	3	8	11	18	13	10	10	9	17	11	5	7	8	3	10	2	4	2					
1953								31	66	64	28	21	15	15	19	11	9	10	14	4	6	8	4	5	4	2	16	11	1	1					
1954							6	84	32	9	13	24	25	21	12	17	13	17	29	14	18	6	17	3	2	3									
1955						7	3	2119	4	11	7	13	24	20	11	14	15	9	18	10	15	18	11	8	9	14	3								
1956								30	109	47	33	49	24	10	10	4	1	4	9	5	8	5	7	11											
1957								97	31	35	16	17	7	7	7	5	5	7	21	6	12	13	6	6	1	11	6	12	14	13	10				
1958					28		36	13	11	12	35	2	21	42	48	28	12	6	12	2	4	4	1	2	5	7	6	2	5	2	18	1			
1959						1	45	86	13	19	9	13	28	18	6	8	13	22	19	4	11	6	7	5	3	11	14	4							
1960								70		10	5	66	5	22	24	22	20	25	21	3	7	2	15	7	9	13	11	9							
1961								79	42	20	6	36	17	9	17	11	11	10	21	14	13	16	6	6	8	14	9								
1962							2	43	66	44	13	33	17	20	20	11	5	2	6	6	17	22	18	8	8	4									
1963						2	5	90	41	43	21	28	19	43	21	11	11	9	6	10	4	1													
1964					69	33	33	2	10	5	11	22	20	28	7	23	14	12	14	11	9	9	4	10	4	6	9	1							
1965								56		33	36	37	11	9	6	19	10	9	24	13	11	8	11	8	9	15	28	6	1	3	2				
1966									4	1	22	36	38	54	31	9	13	17	39	14	23	21	19	14	8	2									
1967						1	3	37	57	36	29	51	5		1	2	3	5	25	7	15	20	26	20	14	7	1								
1968									29	55	3	36	14	15	30	32	19	16	29	3	11	11	11	13	12	22	5								
1969								6	31	37	31	16	29	25	18	11	16	7	13	13	24	14	14	19	16	24	1								
1970								8		26	48	49	7	9	16	16	31	17	32	16	15	5	3	21	15	15	16								
1971					1	2	5	27	16	12	9	55	32	30	32	24	20	30	25	6	19	17	3												
1972					2	14	1	14	14	2	13	20	51	29	53	53	26	14	9	12	5	8	24	2											
1973								4	3	48	18	23	21	56	26	19	12	10	7	8	14	9	6	4	4	27	13	6	13	5	3		1	3	2
1974								17	43	74	28	19	25	34	17	27	8	9	16	11	15	13	5	3	1										
1975							1	40	35	33	29	16	48	22	15	14	7	12	9	2	3	4	6	7	3	10	24	18	7						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	10227	100.0	12	4.2	584	5448	53.3	24	36	163	824	8.0
1	0.50	4	10227	100.0	13	5.0	684	4864	47.6	25	42	241	661	6.4
2	0.70	37	10223	100.0	14	6.0	520	4180	40.9	26	51	184	420	4.1
3	0.90	34	10186	99.6	15	7.2	433	3660	35.8	27	61	91	236	2.3
4	1.00	153	10152	99.3	16	8.6	329	3227	31.6	28	72	63	145	1.4
5	1.20	199	9999	97.8	17	10.0	319	2898	28.3	29	86	38	82	.8
6	1.50	273	9800	95.8	18	12.0	480	2579	25.2	30	100	37	44	.4
7	1.70	1125	9527	93.2	19	15.0	211	2099	20.5	31	120	1	7	
8	2.10	773	8402	82.2	20	17.0	323	1888	18.5	32	150	1	6	
9	2.50	834	7629	74.6	21	21.0	290	1565	15.3	33	180	3	5	
10	3.00	528	6795	66.4	22	25.0	228	1275	12.5	34	210	2	2	
11	3.50	819	6267	61.3	23	30.0	223	1047	10.2					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH CRESTONE CREEK NEAR CRESTONE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1948	117.0	3	102.0	5	91.0	5	86.0	4	80.0	4	62.0	4	47.0	5	38.0	5	27.0	5
1949	110.0	5	103.0	4	94.0	4	80.0	5	63.0	7	52.0	7	44.0	7	36.0	7	26.0	6
1950	22.0	28	19.0	28	16.0	28	13.0	28	11.0	28	8.8	28	7.6	28	6.9	28	5.4	28
1951	82.0	10	77.0	10	66.0	10	50.0	13	40.0	17	28.0	19	21.0	21	16.0	22	12.0	22
1952	90.0	7	86.0	7	80.0	7	68.0	8	53.0	10	39.0	11	31.0	13	26.0	14	19.0	13
1953	87.0	8	79.0	9	70.0	9	64.0	9	60.0	8	43.0	9	33.0	11	27.0	12	19.0	14
1954	45.0	21	43.0	21	39.0	21	33.0	21	29.0	21	23.0	22	19.0	22	17.0	21	14.0	20
1955	58.0	15	50.0	17	49.0	17	46.0	15	38.0	18	30.0	16	26.0	16	24.0	16	18.0	15
1956	35.0	24	34.0	24	32.0	23	31.0	23	26.0	23	19.0	23	14.0	25	11.0	26	8.5	26
1957	111.0	4	106.0	3	103.0	3	96.0	3	90.0	3	78.0	2	62.0	2	51.0	2	36.0	1
1958	120.0	2	116.0	2	114.0	2	111.0	2	97.0	2	65.0	3	47.0	3	37.0	6	26.0	7
1959	66.0	11	66.0	11	62.0	11	58.0	11	51.0	11	38.0	13	30.0	14	25.0	15	18.0	16
1960	66.0	12	64.0	12	62.0	12	59.0	10	54.0	9	44.0	8	34.0	8	29.0	9	20.0	10
1961	56.0	16	55.0	15	51.0	15	46.0	16	45.0	13	34.0	14	26.0	17	23.0	17	18.0	17
1962	48.0	20	46.0	20	42.0	20	33.0	22	28.0	22	27.0	20	24.0	18	20.0	20	14.0	21
1963	23.0	27	21.0	27	19.0	27	17.0	27	14.0	27	11.0	27	8.7	27	7.6	27	6.7	27
1964	63.0	13	58.0	13	56.0	13	50.0	14	41.0	15	29.0	17	24.0	19	21.0	19	15.0	19
1965	102.0	6	99.0	6	89.0	6	74.0	6	66.0	5	55.0	6	46.0	6	39.0	3	29.0	3
1966	43.0	22	41.0	22	37.0	22	34.0	20	30.0	20	27.0	21	23.0	20	22.0	18	17.0	18
1967	59.0	14	50.0	18	43.0	19	35.0	19	32.0	19	29.0	18	27.0	15	27.0	13	20.0	11
1968	55.0	18	52.0	16	50.0	16	44.0	18	40.0	16	31.0	15	32.0	12	28.0	10	20.0	12
1969	52.0	19	49.0	19	47.0	18	45.0	17	42.0	14	39.0	12	34.0	9	30.0	8	23.0	8
1970	56.0	17	56.0	14	56.0	14	55.0	12	47.0	12	42.0	10	33.0	10	28.0	11	22.0	9

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH CRESTONE CREEK NEAR CRESTONE, CO.

YEAR	1	3	7	15	30	60	90	120	183
1971	27.0 25	26.0 25	22.0 26	22.0 26	21.0 26	17.0 26	16.0 23	14.0 23	11.0 23
1972	25.0 26	24.0 26	23.0 25	23.0 25	22.0 24	18.0 25	14.0 26	12.0 25	9.7 25
1973	212.0 1	207.0 1	187.0 1	136.0 1	103.0 1	79.0 1	64.0 1	52.0 1	36.0 2
1974	36.0 23	34.0 23	29.0 24	26.0 24	22.0 25	19.0 24	15.0 24	14.0 24	10.0 24
1975	84.0 9	82.0 8	79.0 8	71.0 7	66.0 6	58.0 5	47.0 4	38.0 4	27.0 4

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NORTH CRESTONE CREEK NEAR CRESTONE, CO.

YEAR	1	3	7	14	30	60	90	120	183
1948	1.90 24	2.00 25	2.20 27	2.30 26	2.40 24	2.50 23	2.50 22	2.70 21	5.00 25
1949	1.50 14	1.60 13	1.60 11	1.60 10	1.60 8	1.60 7	1.60 6	1.70 5	2.10 4
1950	1.00 3	1.00 3	1.00 3	1.10 4	1.20 4	1.30 3	1.50 4	1.80 6	2.90 13
1951	0.60 1	0.60 1	0.64 1	0.67 1	0.69 1	0.77 1	0.84 1	0.98 1	1.70 2
1952	1.20 10	1.30 9	1.30 8	1.30 7	1.30 5	1.30 4	1.40 3	1.40 3	1.60 1
1953	1.60 17	1.80 20	2.00 21	2.00 22	2.00 17	2.10 18	2.20 19	2.30 16	2.70 11
1954	1.50 15	1.60 14	1.60 12	1.70 11	1.70 9	1.80 8	1.90 11	2.00 11	2.60 9
1955	1.70 18	1.80 21	1.80 17	1.80 17	1.80 13	1.80 9	1.80 8	1.90 7	3.00 14
1956	1.00 4	1.00 4	1.00 4	1.30 8	2.00 18	2.10 19	2.10 16	2.20 14	2.60 10
1957	1.90 25	2.00 26	2.00 22	2.00 18	2.00 19	2.00 15	2.00 12	2.10 12	2.30 7
1958	1.10 8	1.10 7	1.10 7	1.10 5	1.10 3	1.40 5	1.60 5	1.90 8	3.30 18
1959	1.40 11	1.50 10	1.50 9	1.50 9	1.50 7	1.60 6	1.70 7	1.70 4	2.10 5
1960	1.70 19	1.70 15	1.70 13	1.70 12	1.70 10	1.80 10	2.00 13	2.50 19	4.40 22
1961	1.70 20	1.70 16	1.70 14	1.70 13	1.70 11	1.80 11	1.90 9	2.00 9	2.50 8
1962	1.80 21	1.80 22	1.80 15	1.80 14	1.80 14	2.00 16	2.10 14	2.20 13	3.10 15
1963	1.60 16	1.70 17	1.80 16	1.80 15	1.80 15	1.90 13	1.90 10	2.00 10	2.30 6
1964	1.00 5	1.00 5	1.00 5	1.00 2	1.00 2	1.10 2	1.10 2	1.20 2	2.00 3
1965	1.00 6	1.00 6	1.00 6	1.20 6	1.70 12	1.90 14	2.10 15	2.40 17	3.40 19
1966	2.10 28	2.20 28	2.50 28	3.00 28	3.20 28	3.40 28	3.90 28	4.30 28	6.60 28
1967	1.20 9	1.50 11	1.90 18	2.00 19	2.00 16	2.10 17	2.20 17	2.30 15	2.80 12
1968	1.50 12	1.60 12	2.00 23	2.40 27	2.40 25	2.50 24	2.60 23	2.80 23	4.50 23
1969	1.80 22	1.80 18	1.90 19	2.10 23	2.30 23	2.40 22	2.60 24	2.80 24	3.80 20
1970	2.00 27	2.00 27	2.10 26	2.30 24	2.80 27	2.90 27	3.00 26	3.30 26	5.50 26
1971	1.00 7	1.20 8	1.60 10	1.80 16	2.10 20	2.60 25	2.60 25	2.90 25	4.70 24
1972	0.90 2	0.93 2	0.97 2	1.00 3	1.30 6	1.80 12	2.40 20	2.70 22	3.90 21
1973	1.90 26	1.90 23	2.00 24	2.30 25	2.50 26	2.70 26	3.10 27	3.50 27	6.50 27
1974	1.80 23	1.90 24	2.00 25	2.00 20	2.10 21	2.30 21	2.40 21	2.50 20	3.10 16
1975	1.50 13	1.80 19	1.90 20	2.00 21	2.10 22	2.20 20	2.20 18	2.40 18	3.10 17

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
6.39	4.32	2.85	2.11	1.98	2.36	5.98	26.7	41.2	19.2	12.2	7.23
14.4	3.48	1.02	0.52	0.39	0.46	7.51	149	539	227	66.4	27.4
3.80	1.86	1.01	0.72	0.63	0.68	2.74	12.2	23.2	15.1	8.15	5.24
1.39	0.63	0.68	1.50	0.44	0.18	1.42	1.50	0.77	1.69	1.13	1.76
0.59	0.43	0.36	0.34	0.32	0.29	0.46	0.46	0.56	0.78	0.67	0.72
4.82	3.26	2.15	1.59	1.50	1.78	4.51	20.2	31.0	14.5	9.21	5.45

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.74	0.60	0.43	0.30	0.28	0.35	0.74	1.38	1.54	1.17	1.00	0.77
0.06	0.03	0.03	0.02	0.02	0.02	0.03	0.04	0.08	0.10	0.09	0.07
0.24	0.19	0.16	0.15	0.14	0.13	0.18	0.20	0.28	0.32	0.29	0.27
0.31	0.14	-0.37	-0.62	-0.46	-0.52	0.40	-0.73	-0.55	0.01	-0.09	0.49
0.32	0.31	0.37	0.50	0.52	0.37	0.24	0.15	0.18	0.28	0.29	0.35
7.97	6.42	4.60	3.23	2.96	3.81	7.95	14.9	16.6	12.6	10.7	8.31

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
11.1	17.9	4.24	0.44	0.38	-0.103

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.01	0.03	0.18	-0.48	0.18	-0.051

CLOSED BASIN IN SAN LUIS VALLEY, COLO.

08229500 COTTONWOOD CREEK NEAR CRESTONE, COLO.

LOCATION.--Lat 37°56'00", long 105°38'42", in Baca Grant, Saguache County, on left bank at Cottonwood Mining Camp (abandoned), 150 ft (46 m) downstream from Cottonwood-Liberty Rd., 1.5 mi (2.4 km) upstream from unnamed tributary, and 5.2 mi (8.4 km) southeast of Crestone.

DRAINAGE AREA.--6.77 mi² (17.53 km²).

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
COTTONWOOD CREEK NEAR CRESTONE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1968			1	1	4	44	63	21	19	14	16	23	17	14	13	6	10	7	4	12	5	7	10	7	2	8	10	11	6	4	1	1	4		1
1969		1	12	13	39	30	23	19	22	21	12	15	14	11	3	14	15	17	6	12	12	10	3	10	3	6	2	6	10	1	3				
1970					1	19	36	33	42	22	22	8	6	1	1	27	14	16	8	18	14	20	17	6	11	10	9		2	1	1				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1096	100.0	12	3.1	37	500	45.6	24	18	16	113	10.3
1	0.50	1	1096	100.0	13	3.6	26	463	42.2	25	21	24	97	8.8
2	0.70	13	1095	99.9	14	4.1	17	437	39.9	26	25	21	73	6.6
3	0.80	14	1082	98.7	15	4.8	47	420	38.3	27	29	17	52	4.7
4	0.90	44	1068	97.4	16	5.6	39	373	34.0	28	33	18	35	3.1
5	1.10	93	1024	93.4	17	6.5	40	334	30.5	29	39	6	17	1.5
6	1.30	122	931	84.9	18	7.5	18	294	26.8	30	45	5	11	1.0
7	1.50	73	809	73.8	19	8.7	42	276	25.2	31	52	1	6	.5
8	1.70	83	736	67.2	20	10.0	31	234	21.4	32	60	4	5	.4
9	2.00	57	653	59.6	21	12.0	37	203	18.5	33	70		1	
10	2.30	50	596	54.4	22	14.0	30	166	15.1	34	81	1	1	
11	2.70	46	546	49.8	23	16.0	23	136	12.4					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
COTTONWOOD CREEK NEAR CRESTONE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1968	92.0	1	74.0	1	53.0	1	41.0	1	33.0	1	25.0	1	24.0	1	20.0	1	14.0	1
1969	51.0	2	39.0	3	34.0	2	25.0	2	22.0	2	19.0	2	17.0	2	15.0	2	11.0	2
1970	49.0	3	40.0	2	28.0	3	25.0	3	20.0	3	17.0	3	15.0	3	14.0	3	11.0	3

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
COTTONWOOD CREEK NEAR CRESTONE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1968	0.70	2	0.87	2	0.97	2	1.10	2	1.10	2	1.30	2	1.30	2	1.40	2	1.90	2
1969	0.60	1	0.67	1	0.73	1	0.74	1	0.81	1	0.90	1	1.00	1	1.10	1	1.50	1
1970	1.00	3	1.10	3	1.20	3	1.20	3	1.30	3	1.40	3	1.50	3	1.60	3	2.40	3

CLOSED BASIN IN SAN LUIS VALLEY, COLO.

08230500 CARNERO CREEK NEAR LA GARITA, COLO.

LOCATION.--Lat 37°51'35", long 106°19'08", in SW¼NE¼ sec.28, T.42 N., R.6 E., (projected), Saguache County, on left bank 4.5 mi (7.2 km) northwest of La Garita and 6.6 mi (10.6 km) downstream from North Fork.

DRAINAGE AREA.--117 mi² (303 km²).

REMARKS.--Diversions above station for irrigation.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CARNERO CREEK NEAR LA GARITA, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1926											2		21	65	44	17	43	28	21	27	23	16	21	26	11										
1941									90	31	19	35	7		17	17	11	12	22	14	20	10	4	3	5	15	11	14	4	2	2				
1945												3	70	80	52	22	22	13	39	22	27	10	3	1							1				
1946				2	1		1	7	8	10	49	15	45	61	47	22	13	11	28	37	7	1													
1947										1	2	11	26	111	17	44	18	18	41	21	43	11	1												
1948										14	11	7	7	11	44	81	32	47	20	5	14	2	13	11	19	21	7								
1949											42	49	54	9	21	13	24	19	7	7	9	11	20	18	36	16	10								
1950					4		4	7	6	6	21	22	49	40	84	63	25	19	9	2	3	1													

CLOSED BASIN IN SAN LUIS VALLEY, COLO.

08230500 CARNERO CREEK NEAR LA GARITA, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CARNERO CREEK NEAR LA GARITA, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1951	17	10	3		6	3	9	12	39	32	29	48	51	30	19	16	23	13	5																
1952							6	5	67	43	44	12	10	9	6	25	22	15	21	26	26	24	5												
1953											10	68	13	43	81	27	26	17	27	19	14	6	11	3											
1954		4	2			1	2	2	1		83	39	86	44	38	24	17	6	7	3	2	2	1		1										
1955	4		1		4	3	3	10	14	10	41	85	83	37	15	22	21	11	1																
1956	9	13	7	2	17	4	6	7	74	29	81	7	3	36	19	44	8																		
1957					2	33	5	5	68	12	22	6	4	15	19	4	8	4	14	16	9	20	40	30	10	9	5	4	1						
1958											1	2	37	14	71	69	38	26	28	6	6	7	4	2	6	14	9	6	17	2					
1959											31	29	38	50	53	25	27	17	35	24	29	4	2			1									
1960		1		1	4	3	5	3	9	6	73	39	21	16	12	22	33	19	22	20	32	17	6	2											
1961										31	4	41	51	66	50	26	17	8	19	20	18	8	4	1	1										
1962										7	3	76	21	73	52	18	20	11	24	9	11	4	5	9	12	5	3	2							
1963	19		2		1	2	4	2	45	4	20	47	63	77	23	27	13	4	5		2	4			1										
1964									91	12	37	59	14	26	29	15	10	9	22	12	18	7	5												
1965											7	26	17	70	31	31	15	5	18	20	22	22	14	15	25	8	12	3	4						
1966											2	15	23	77	62	50	52	27	49	7	1														
1967			2	1		32	7	2	51	1	16	13	40	49	40	36	19	15	23	14	2	2													
1968											31	11	46	39	13	30	15	7	23	24	18	18	11	10	16	13	13	17	8	1	2				
1969												1	12	57	37	15	26	51	82	41	31	11	1												
1970												1	3	47	54	18	24	30	59	33	45	7	15	5	9	12	3								
1971							1	6	11	18	34	18	46	30	38	47	40	54	19		2	1													
1972						1	1	8	22	9	7	23	48	72	40	21	21	59	23	3	7	1													
1973										4	8	82	36	36	45	22	15	14	14	15	13	7	9	15	10	4	8	8							
1974				1	7	1	12	20	22	17	39	44	22	46	40	28	41	14	7	4															
1975								2	27	37	33	25	30	33	21	18	10	12	16	22	14	13	14	16	11	10	1								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	49	12052	100.0	12	2.7	1097	8918	74.0	24	55	173	481	3.9
1	0.10	28	12003	99.6	13	3.4	1469	7821	64.9	25	71	128	308	2.5
2	0.20	17	11975	99.4	14	4.4	1234	6352	52.7	26	92	82	180	1.4
3	0.30	7	11958	99.2	15	5.7	959	5118	42.5	27	120	54	98	.8
4	0.40	46	11951	99.2	16	7.3	749	4159	34.5	28	150	34	44	.3
5	0.50	83	11905	98.8	17	9.4	615	3410	28.3	29	200	5	10	
6	0.60	66	11822	98.1	18	12.0	750	2795	23.2	30	250	5	5	
7	0.80	98	11756	97.5	19	16.0	473	2045	17.0	31	320			
8	1.00	645	11658	96.7	20	20.0	468	1572	13.0	32	420			
9	1.30	334	11013	91.4	21	26.0	247	1104	9.2	33				
10	1.60	802	10679	88.6	22	33.0	209	857	7.1	34				
11	2.10	959	9877	82.0	23	43.0	167	648	5.4					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CARNERO CREEK NEAR LA GARITA, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1926	70.0	14	67.0	13	57.0	12	56.0	12	50.0	12	47.0	12	39.0	10	34.0	10	26.0	9
1941	261.0	2	246.0	2	209.0	1	173.0	1	143.0	2	109.0	2	81.0	1	64.0	2	45.0	2
1945	257.0	3	109.0	9	54.0	13	29.0	16	24.0	16	20.0	17	17.0	18	17.0	15	15.0	14
1946	27.0	26	24.0	25	21.0	25	19.0	24	18.0	22	17.0	21	15.0	22	12.0	22	9.2	22
1947	33.0	23	30.0	22	28.0	22	27.0	19	24.0	17	20.0	18	16.0	19	15.0	19	15.0	15
1948	112.0	10	106.0	10	92.0	9	81.0	10	72.0	8	69.0	6	55.0	7	44.0	7	31.0	7
1949	114.0	9	110.0	8	106.0	8	95.0	7	81.0	7	72.0	5	62.0	4	55.0	5	40.0	5
1950	27.0	27	22.0	27	20.0	26	16.0	27	13.0	27	11.0	26	9.2	27	8.2	27	6.6	27
1951	15.0	31	13.0	31	12.0	31	11.0	31	9.7	31	7.9	31	6.7	31	5.6	31	4.3	31
1952	37.0	21	34.0	20	32.0	17	30.0	14	28.0	13	25.0	13	21.0	14	17.0	16	15.0	16
1953	51.0	19	47.0	16	42.0	14	37.0	13	28.0	14	20.0	19	19.0	15	17.0	17	13.0	18
1954	55.0	17	40.0	17	30.0	20	21.0	22	15.0	23	9.5	30	7.4	30	6.7	29	5.9	28
1955	12.0	32	11.0	32	9.6	32	9.2	32	8.4	32	7.6	32	6.1	32	5.3	32	4.3	32
1956	8.5	33	8.2	33	7.4	33	7.1	33	6.8	33	6.5	33	5.8	33	5.1	33	3.8	33
1957	151.0	6	148.0	5	131.0	6	107.0	6	85.0	6	64.0	8	56.0	6	50.0	6	37.0	6
1958	212.0	4	198.0	3	184.0	3	168.0	2	149.0	1	111.0	1	80.0	2	63.0	3	43.0	3
1959	73.0	13	49.0	14	37.0	15	29.0	15	22.0	20	17.0	22	15.0	20	15.0	18	13.0	19
1960	52.0	18	47.0	15	36.0	16	28.0	17	27.0	15	24.0	14	23.0	13	19.0	13	14.0	17
1961	57.0	15	38.0	19	31.0	18	27.0	18	23.0	18	21.0	15	17.0	16	14.0	20	11.0	20
1962	139.0	8	131.0	7	108.0	7	84.0	8	70.0	9	48.0	11	36.0	12	29.0	12	21.0	12
1963	56.0	16	39.0	18	31.0	19	20.0	23	14.0	24	9.8	29	7.6	29	6.6	30	5.0	30
1964	37.0	20	32.0	21	29.0	21	26.0	20	21.0	21	20.0	16	15.0	21	13.0	21	10.0	21
1965	184.0	5	174.0	4	157.0	4	123.0	5	106.0	4	80.0	4	62.0	5	55.0	4	42.0	4
1966	20.0	29	18.0	29	16.0	29	14.0	28	13.0	28	12.0	25	11.0	24	9.6	24	8.3	24
1967	28.0	25	22.0	28	18.0	28	17.0	26	14.0	25	13.0	23	11.0	25	9.3	25	7.7	25
1968	275.0	1	249.0	1	202.0	2	161.0	3	128.0	3	81.0	3	73.0	3	74.0	1	57.0	1
1969	33.0	22	29.0	23	27.0	23	25.0	21	22.0	19	18.0	20	17.0	17	17.0	14	16.0	13
1970	98.0	11	95.0	11	91.0	10	84.0	9	69.0	10	49.0	10	39.0	11	32.0	11	25.0	10

08230500 CARNERO CREEK NEAR LA GARITA, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CARNERO CREEK NEAR LA GARITA, CO.

YEAR	1	3	7	15	30	60	90	120	183
1971	32.0 24	24.0 26	19.0 27	13.0 29	11.0 29	10.0 27	10.0 26	9.3 26	7.5 26
1972	26.0 28	25.0 24	24.0 24	18.0 25	14.0 26	12.0 24	12.0 23	11.0 23	8.6 23
1973	146.0 7	145.0 6	131.0 5	123.0 4	94.0 5	68.0 7	52.0 8	42.0 8	29.0 8
1974	17.0 30	16.0 30	15.0 30	13.0 30	11.0 30	9.9 28	8.8 28	7.4 28	5.8 29
1975	92.0 12	90.0 12	86.0 11	76.0 11	63.0 11	51.0 9	42.0 9	35.0 9	25.0 11

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CARNERO CREEK NEAR LA GARITA, CO.

YEAR	1	3	7	14	30	60	90	120	183
1926	4.00 33	4.00 33	4.00 33	4.00 32	4.00 31	4.00 31	4.30 31	5.00 32	6.60 30
1941	0.51 14	0.60 13	0.67 13	0.84 10	1.00 9	1.00 5	1.10 4	1.20 3	1.50 4
1945	1.00 16	1.00 16	1.10 16	1.40 18	1.70 16	2.50 23	2.90 23	2.90 18	3.10 16
1946	1.40 19	1.70 20	1.80 20	1.90 20	1.90 18	2.30 19	2.70 21	3.10 22	4.00 22
1947	0.30 9	0.33 7	0.60 11	1.30 16	2.20 22	2.60 24	3.10 24	3.20 23	3.40 17
1948	1.80 25	2.00 23	2.70 27	4.30 33	5.50 33	5.90 33	6.20 33	6.50 33	8.00 32
1949	1.30 18	1.30 18	1.40 18	1.40 17	1.60 15	2.00 16	2.20 15	2.30 12	2.30 10
1950	2.50 30	3.00 30	3.00 28	3.00 27	3.00 27	3.20 27	3.70 27	4.10 27	4.70 27
1951	0.40 10	0.40 10	0.53 9	0.92 11	0.96 7	1.20 8	1.60 9	1.90 8	2.00 8
1952	0.00 1	0.00 1	0.00 1	0.08 2	0.36 2	0.98 3	1.20 5	1.20 4	1.20 2
1953	2.20 28	2.20 27	2.20 26	2.20 25	2.30 25	2.40 22	2.80 22	3.20 24	4.00 23
1954	1.70 22	1.80 21	1.80 19	1.80 19	1.80 17	1.90 14	2.10 12	2.20 10	2.50 11
1955	0.10 5	0.10 5	0.19 5	0.61 7	1.40 14	2.20 17	2.30 16	2.50 13	2.70 13
1956	0.00 2	0.00 2	0.16 4	0.51 5	0.80 4	1.10 6	1.30 6	1.40 5	1.40 3
1957	0.00 3	0.00 3	0.03 3	0.09 3	0.17 1	0.47 1	0.74 1	0.81 1	0.90 1
1958	2.00 26	2.90 29	3.00 29	3.00 28	3.00 28	3.70 28	4.30 32	4.90 31	6.30 28
1959	1.80 23	2.00 24	2.00 23	2.00 21	2.00 19	2.30 20	2.50 18	2.90 19	3.40 18
1960	2.00 27	2.00 25	2.00 24	2.00 22	2.00 20	2.00 15	2.20 13	2.50 14	4.60 26
1961	0.10 6	0.33 8	0.47 7	0.59 6	0.84 6	1.40 10	2.20 14	2.50 15	2.50 12
1962	1.80 24	2.00 26	2.20 25	2.20 23	2.20 23	2.20 18	2.70 19	2.90 20	3.40 19
1963	1.20 17	1.20 17	1.20 17	1.20 14	1.20 12	1.80 13	2.30 17	2.50 16	2.90 14
1964	0.00 4	0.00 4	0.00 2	0.06 1	1.00 8	1.00 4	1.10 2	1.20 2	1.60 5
1965	1.60 20	1.70 19	1.90 21	2.20 24	2.30 24	2.70 25	3.10 25	3.30 25	3.70 20
1966	3.70 32	3.70 32	3.70 32	3.70 30	3.70 30	3.80 30	4.00 29	4.50 29	6.30 29
1967	0.51 11	0.50 11	0.50 8	0.50 4	0.50 3	0.74 2	1.10 3	1.40 6	1.90 7
1968	0.20 7	0.23 6	0.56 10	1.30 15	2.00 21	2.40 21	2.70 20	3.00 21	4.10 24
1969	2.60 31	2.80 28	3.00 30	3.30 29	3.50 29	3.70 29	3.90 28	4.40 28	6.90 31
1970	2.50 29	3.20 31	3.40 31	3.80 31	4.10 32	4.20 32	4.20 30	4.90 30	9.40 33
1971	0.70 15	0.80 15	0.96 15	1.10 13	1.20 13	1.70 12	2.00 11	2.60 17	4.30 25
1972	1.60 21	1.80 22	2.00 22	2.30 26	2.80 26	3.20 26	3.40 26	3.70 26	4.00 21
1973	0.51 12	0.63 14	0.83 14	0.93 12	1.10 10	1.40 11	1.90 10	2.20 11	2.20 9
1974	0.51 13	0.57 12	0.61 12	0.73 8	0.82 5	1.10 7	1.50 7	2.10 9	3.00 15
1975	0.30 8	0.37 9	0.41 6	0.78 9	1.10 11	1.30 9	1.50 8	1.70 7	1.80 6

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
5.56	4.45	2.91	2.37	3.02	6.04	17.4	38.3	22.3	11.4	13.7	6.24
17.3	8.65	2.45	1.67	1.87	8.24	177	1463	520	114	471	35.3
4.17	2.94	1.56	1.29	1.37	2.87	13.3	38.3	22.8	10.7	21.7	5.94
1.86	2.12	1.23	0.50	0.31	0.60	1.95	1.36	1.45	1.71	4.52	1.79
0.75	0.66	0.54	0.55	0.45	0.48	0.77	1.00	1.02	0.94	1.59	0.95
4.16	3.33	2.18	1.77	2.26	4.52	13.0	28.7	16.7	8.54	10.2	4.67

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.65	0.58	0.41	0.30	0.43	0.72	1.15	1.37	1.12	0.86	0.90	0.60
0.08	0.06	0.05	0.07	0.05	0.06	0.07	0.20	0.23	0.20	0.18	0.22
0.29	0.24	0.22	0.27	0.23	0.24	0.27	0.45	0.48	0.45	0.43	0.47
0.28	0.59	0.15	-0.52	-0.61	-0.93	0.62	0.10	-0.06	-0.40	0.49	-0.78
0.44	0.41	0.54	0.90	0.53	0.34	0.24	0.33	0.43	0.52	0.47	0.79
7.14	6.37	4.49	3.31	4.71	7.97	12.6	15.1	12.3	9.51	9.90	6.57

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
11.2	55.3	7.44	0.93	0.67	0.021

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.95	0.09	0.29	0.02	0.31	0.093

CLOSED BASIN IN SAN LUIS VALLEY, COLO.

08231000 LA GARITA CREEK NEAR LA GARITA, COLO.

LOCATION.--Lat 37°48'48", long 106°19'04", in NW¼SE¼ sec.9, T.41 N., R.6 E., Saguache County, on right bank 4.5 mi (7.2 km) downstream from Little La Garita Creek and 4.5 mi (7.2 km) southwest of La Garita.

DRAINAGE AREA.--61 mi² (158 km²), approximately.

REMARKS.--Diversions above station for irrigation.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LA GARITA CREEK NEAR LA GARITA, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1926												9		24	99	40	19	33	52	15	10	5	6	5	3	2	9	6	27	1					
1941							2	1	48	3	42	47	33	3	19	19	15	17	16	12	7	5	9	8	4	3	10	9	18	4	3	2	3	3	
1945												1	39	114	32	34	26	19	30	19	11	18	15	6	1										
1946												1	39	69	104	48	19	11	26	25	20	3													
1948												11	11	66	85	31	26	14	26	14	9	9	7	11	9	20	13	3	1						
1949										1		11	90	31	31	50	17	7	8	8	7	8	14	18	7	21	31	4	1						
1950							4	4	2	18	3	45	15	51	104	40	38	23	12	5	1														
1951						3		45	15	16	65	46	41	30	20	40	22	9	9	3	1														
1952							2		5	30	18	77	47	1	4	20	19	16	27	16	20	14	5	14	18	12	1								
1953									1		3	33	32	55	52	58	29	11	20	16	23	10	8	9	4		1								
1954												10	29	136	96	41	23	12	11	3	3					1									
1955										5	24	89	107	30	29	13	27	13	22	6															
1956		2		6		6	5	19	7	6	33	79	66	45	24	14	11	15	25	3															
1957				1		2	3	10	7	12	31	58	21	45	3	3	7	7	18	10	10	17	28	26	8	4	16	7	5	6					
1958												4	9	21	117	88	37	7	8	4	9	5	11	7	3	3	8	9	14	1					
1959										2	8	38	61	62	58	24	8	7	29	22	35	8	2	1											
1960											6	13	86	18	50	21	33	32	21	20	21	6	34	4	1										
1961										31	28	5	45	42	89	31	15	10	12	17	16	18	6												
1962													3	98	81	17	58	17	19	9	6	5	9	9	12	10	4	7	1						
1963							2	8	41	4	20	61	60	55	51	36	9	1	6	8	2	1													
1964						60	31	1	8	32	11	11	16	18	9	36	21	16	13	24	13	13	7	9	8	6	2	1							
1965															80	101	3	12	6	18	11	7	20	19	20	16	14	30	4	4					
1966													7	26	38	139	48	35	34	21	15	2													
1967											10	65	36	82	64	38	22	5	24	12	6	1													
1968											31		61	42	30	23	12	6	31	30	8	8	14	15	12	12	19	10	2						
1969														19	49	37	40	43	49	38	34	24	13	12	6		1								
1970													2	10	60	58	28	12	37	34	39	27	14	11	6	3	7	7	9	1					
1971											5	15	24	56	63	56	38	40	39	20	5	4													
1972											14	35	76	55	41	26	24	9	52	23	9	2													
1973											1	4	85	51	54	26	24	6	11	11	13	16	8	12	11	17	5	6	2	2					
1974										1	10	19	120	85	67	19	19	3	12	9	1														
1975											32	79	42	30	22	19	13	5	23	13	20	15	8	13	7	22	2								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	11687	100.0	12	3.1	1305	9898	84.7	24	50	134	620	5.3
1	0.10	2	11687	100.0	13	4.0	1541	8593	73.5	25	62	146	486	4.1
2	0.30	0	11685	100.0	14	5.0	1773	7052	60.3	26	79	158	340	2.9
3	0.40	7	11685	100.0	15	6.3	1133	5279	45.2	27	99	72	182	1.5
4	0.50	60	11678	99.9	16	7.9	754	4146	35.5	28	120	84	110	.9
5	0.60	42	11618	99.4	17	9.9	464	3392	29.0	29	160	15	26	.2
6	0.80	19	11576	99.1	18	12.0	751	2928	25.1	30	200	3	11	
7	1.00	95	11557	98.9	19	16.0	470	2177	18.6	31	250	2	8	
8	1.30	158	11462	98.1	20	20.0	381	1707	14.6	32	310	3	6	
9	1.60	140	11304	96.7	21	25.0	258	1326	11.3	33	390	3	3	
10	2.00	395	11164	95.5	22	31.0	239	1068	9.1	34				
11	2.50	871	10769	92.1	23	39.0	209	829	7.1					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LA GARITA CREEK NEAR LA GARITA, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1926	174.0	3	158.0	3	141.0	4	136.0	4	116.0	4	99.0	2	72.0	2	58.0	4	41.0	4
1941	398.0	1	394.0	1	369.0	1	282.0	1	208.0	1	150.0	1	110.0	1	86.0	1	59.0	1
1945	50.0	19	48.0	17	42.0	17	39.0	17	34.0	18	27.0	16	22.0	17	20.0	18	16.0	15
1946	26.0	26	25.0	24	23.0	23	22.0	22	21.0	21	18.0	21	15.0	21	13.0	23	10.0	23
1948	120.0	11	114.0	11	103.0	11	92.0	11	82.0	10	67.0	9	53.0	10	42.0	10	30.0	10
1949	122.0	9	117.0	10	107.0	10	95.0	10	87.0	8	80.0	6	67.0	5	57.0	5	40.0	5
1950	22.0	29	18.0	29	14.0	32	13.0	31	12.0	30	10.0	29	9.5	27	9.0	26	7.8	26
1951	20.0	30	16.0	32	15.0	29	12.0	32	11.0	32	9.9	30	8.4	30	7.6	31	6.0	31
1952	82.0	13	69.0	13	67.0	13	61.0	13	55.0	13	48.0	13	38.0	13	32.0	13	25.0	13
1953	82.0	14	65.0	14	56.0	16	47.0	16	35.0	16	25.0	18	23.0	16	21.0	16	16.0	16
1954	66.0	17	38.0	19	27.0	20	19.0	23	14.0	27	9.7	31	8.0	32	7.9	30	7.2	27
1955	19.0	31	18.0	30	15.0	30	14.0	29	12.0	31	12.0	26	9.6	26	8.1	28	6.9	28

08231000 LA GARITA CREEK NEAR LA GARITA, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LA GARITA CREEK NEAR LA GARITA, CO.

YEAR	1	3	7	15	30	60	90	120	183
1956	18.0 32	16.0 31	15.0 31	14.0 30	13.0 28	11.0 27	9.4 28	8.2 27	6.5 30
1957	195.0 2	174.0 2	167.0 2	143.0 2	118.0 3	85.0 3	70.0 3	60.0 3	44.0 3
1958	163.0 4	157.0 4	150.0 3	138.0 3	120.0 2	82.0 5	60.0 6	47.0 7	33.0 7
1959	41.0 20	33.0 21	25.0 21	23.0 21	22.0 20	21.0 20	17.0 20	16.0 19	13.0 19
1960	50.0 18	42.0 18	39.0 18	36.0 18	35.0 17	29.0 15	26.0 15	22.0 15	16.0 17
1961	36.0 21	35.0 20	29.0 19	28.0 19	26.0 19	23.0 19	19.0 19	16.0 20	12.0 20
1962	122.0 10	118.0 9	115.0 8	98.0 9	79.0 11	59.0 10	44.0 11	36.0 11	26.0 11
1963	29.0 22	23.0 26	19.0 26	15.0 27	13.0 29	9.6 32	8.3 31	7.4 32	5.8 32
1964	81.0 15	63.0 15	58.0 14	49.0 15	37.0 15	26.0 17	20.0 18	20.0 17	16.0 18
1965	130.0 8	128.0 7	120.0 7	103.0 6	95.0 6	83.0 4	70.0 4	61.0 2	45.0 2
1966	27.0 24	26.0 22	25.0 22	23.0 20	20.0 22	16.0 22	14.0 22	13.0 21	11.0 21
1967	27.0 25	23.0 27	19.0 27	18.0 24	16.0 24	14.0 24	11.0 25	9.6 25	8.2 25
1968	139.0 7	123.0 8	110.0 9	102.0 7	84.0 9	59.0 11	55.0 7	52.0 6	39.0 6
1969	80.0 16	63.0 16	56.0 15	50.0 14	43.0 14	32.0 14	27.0 14	25.0 14	23.0 14
1970	162.0 6	145.0 6	139.0 5	129.0 5	104.0 5	70.0 7	54.0 9	43.0 9	32.0 8
1971	28.0 23	25.0 23	21.0 24	17.0 26	16.0 25	14.0 25	13.0 24	12.0 24	9.9 24
1972	25.0 27	24.0 25	21.0 25	18.0 25	17.0 23	16.0 23	14.0 23	13.0 22	11.0 22
1973	163.0 5	153.0 5	126.0 6	99.0 8	88.0 7	69.0 8	55.0 8	45.0 8	32.0 9
1974	22.0 28	19.0 28	16.0 28	14.0 28	14.0 26	11.0 28	8.9 29	7.9 29	6.7 29
1975	89.0 12	81.0 12	76.0 12	72.0 12	68.0 12	51.0 12	42.0 12	36.0 12	26.0 12

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LA GARITA CREEK NEAR LA GARITA, CO.

YEAR	1	3	7	14	30	60	90	120	183
1926	5.20 31	5.20 31	5.20 31	5.20 31	5.20 30	5.40 29	5.60 28	6.00 28	7.80 31
1941	0.70 4	0.80 4	1.10 3	1.30 5	1.40 4	1.50 3	1.70 3	1.90 3	2.10 3
1945	2.00 18	2.00 13	2.00 8	2.20 8	3.00 15	3.70 21	3.80 19	4.00 19	4.10 15
1946	3.00 23	3.50 24	3.50 24	3.50 23	3.50 21	4.00 22	4.30 22	4.50 22	5.70 24
1948	2.20 19	3.70 29	4.00 28	4.50 27	4.50 26	4.50 26	4.70 26	5.00 27	6.20 26
1949	1.70 10	2.50 17	2.70 19	2.80 18	3.30 19	3.40 17	3.50 17	3.70 17	3.90 14
1950	3.00 24	3.00 21	3.00 20	3.00 19	3.00 16	3.50 18	4.10 21	4.50 23	5.30 23
1951	0.80 5	0.90 5	1.10 4	1.10 3	1.10 3	1.50 4	2.00 4	2.20 4	2.30 4
1952	0.60 3	0.67 3	1.10 5	1.20 4	1.50 5	2.00 5	2.30 5	2.30 5	2.40 5
1953	1.50 8	1.80 9	2.30 15	2.60 15	2.80 13	3.10 16	3.40 15	3.70 18	4.50 19
1954	3.20 26	3.50 25	3.60 25	4.00 24	4.00 23	4.10 23	4.40 23	4.40 20	4.70 20
1955	1.60 9	1.70 7	2.40 16	2.60 16	3.00 17	3.00 13	3.10 13	3.10 9	3.30 8
1956	0.80 6	2.00 10	2.20 11	2.30 9	2.50 12	2.60 9	2.90 9	2.90 8	3.00 7
1957	0.20 1	0.27 1	0.43 1	0.71 2	0.80 2	1.10 2	1.50 2	1.80 2	2.00 2
1958	1.80 11	3.10 22	3.30 21	4.80 30	5.80 31	5.90 31	5.90 31	6.20 29	6.80 28
1959	1.90 14	2.00 11	2.10 9	2.30 10	2.40 10	2.70 10	3.00 10	3.30 10	3.60 9
1960	3.20 27	3.40 23	3.40 22	3.40 21	3.40 20	3.50 19	3.90 20	4.40 21	6.00 25
1961	1.80 12	1.80 8	1.80 7	1.80 7	1.80 7	2.00 6	2.60 6	3.30 11	3.60 10
1962	3.20 28	3.60 26	4.00 29	4.00 25	4.00 24	4.20 24	4.50 24	4.70 24	5.00 22
1963	1.00 7	1.50 6	1.50 6	1.50 6	1.50 6	2.20 7	2.60 7	2.80 7	3.60 11
1964	0.51 2	0.50 2	0.50 2	0.50 1	0.50 1	0.50 1	0.57 1	0.77 1	1.30 1
1965	3.00 25	3.60 27	3.90 26	4.50 28	4.50 27	4.70 27	4.80 27	4.90 25	4.90 21
1966	5.20 32	5.40 32	5.70 32	6.10 32	6.20 32	6.40 32	6.50 32	6.60 32	7.50 30
1967	2.30 20	2.50 18	2.50 17	2.50 13	2.50 11	2.90 11	3.10 11	3.30 12	3.60 12
1968	2.00 15	2.00 12	2.20 10	2.30 11	2.30 8	2.90 12	3.10 12	3.30 13	4.20 16
1969	4.50 30	4.50 30	4.60 30	4.60 29	4.90 28	5.30 28	5.70 29	6.20 30	7.40 29
1970	3.50 29	3.70 28	3.90 27	4.30 26	5.00 29	5.50 30	5.80 30	6.50 31	12.00 32
1971	2.00 16	2.10 14	2.30 12	3.10 20	4.30 25	4.50 25	4.70 25	5.00 26	6.70 27
1972	2.40 21	2.50 19	2.60 18	2.70 17	3.00 18	3.10 14	3.40 14	3.70 14	4.40 18
1973	2.00 17	2.10 15	2.30 13	2.60 14	2.90 14	3.10 15	3.50 16	3.70 15	3.70 13
1974	2.60 22	3.00 20	3.50 23	3.50 22	3.60 22	3.60 20	3.60 18	3.70 16	4.30 17
1975	1.90 13	2.20 16	2.30 14	2.30 12	2.40 9	2.50 8	2.60 8	2.70 6	2.90 6

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
6.43	5.30	3.99	3.45	4.23	5.90	15.0	45.2	31.3	14.1	13.4	6.78
19.1	9.98	2.84	1.94	2.35	3.46	70.4	1762	880	134	176	22.5
4.37	3.16	1.69	1.39	1.53	1.86	8.39	42.0	29.7	11.6	13.3	4.74
2.45	2.51	0.83	0.14	0.10	0.11	1.55	1.58	1.41	1.41	2.75	1.22
0.68	0.60	0.42	0.40	0.36	0.32	0.56	0.93	0.95	0.82	0.99	0.70
4.15	3.42	2.57	2.23	2.73	3.81	9.70	29.1	20.2	9.08	8.63	4.37

CLOSED BASIN IN SAN LUIS VALLEY, COLO.

08231000 LA GARITA CREEK NEAR LA GARITA, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.74	0.67	0.56	0.49	0.59	0.75	1.12	1.47	1.30	1.02	0.98	0.73
0.06	0.05	0.04	0.05	0.05	0.03	0.04	0.18	0.19	0.12	0.12	0.09
0.25	0.22	0.21	0.23	0.21	0.16	0.21	0.42	0.43	0.35	0.35	0.31
0.27	0.39	-1.19	-1.60	-2.32	-1.37	0.67	-0.04	-0.03	0.11	0.34	-0.23
0.34	0.32	0.37	0.46	0.37	0.21	0.19	0.29	0.33	0.34	0.36	0.42
7.06	6.41	5.37	4.73	5.64	7.16	10.8	14.1	12.5	9.75	9.41	7.03

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
13.0	55.6	7.46	0.67	0.58	0.053

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.04	0.07	0.26	0.01	0.25	0.038

CLOSED BASIN IN SAN LUIS VALLEY, COLO.

08234200 MOSCA CREEK NEAR MOSCA, COLO.

LOCATION.--Lat 37°44'05", long 105°30'27", in N½ sec.2, T.27 S., R.73 W., Sixth principal meridian, Alamosa County, on right bank 150 ft (46 m) upstream from State Highway 150 in Great Sand Dunes National Monument and 21 mi (34 km) northeast of Mosca.

DRAINAGE AREA.--3.67 mi² (9.51 km²).

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MOSCA CREEK NEAR MOSCA, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1968			2			2	1	3	6	26	123	39	26	27	6	6	21	15	19	5	7	8	5	9	5	4	1								
1969										6	93	78	86	17	8	14	13	9	17	9	4	3	5	3											
1970										3	11	112	62	28	23	26	9	2	4	9	15	8	12	11	8	7	2	4	7	2					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1096	100.0	12	0.4	174	591	53.9	24	3	13	40	3.6
1	0.01	0	1096	100.0	13	0.5	72	417	38.0	25	4	11	27	2.4
2	0.02	2	1096	100.0	14	0.6	37	345	31.5	26	5	3	16	1.4
>3	0.03	0	1094	99.8	15	0.7	46	308	28.1	27	6	4	13	1.1
4	0.04	0	1094	99.8	16	0.8	43	262	23.9	28	7	7	9	.8
5	0.05	2	1094	99.8	17	1.0	26	219	20.0	29	9	2	2	.1
6	0.06	1	1092	99.6	18	1.2	40	193	17.6	30				
7	0.07	3	1091	99.5	19	1.4	23	153	14.0	31				
8	0.08	6	1088	99.3	20	1.7	26	130	11.9	32				
9	0.10	35	1082	98.7	21	2.1	19	104	9.5	33				
10	0.20	227	1047	95.5	22	2.5	22	85	7.8	34				
11	0.30	229	820	74.8	23	3.0	23	63	5.7					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MOSCA CREEK NEAR MOSCA, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1968	6.2	2	5.3	2	4.7	2	4.1	2	3.4	2	2.4	2	1.8	2	1.6	2	1.2	2
1969	3.1	3	3.1	3	2.9	3	2.5	3	1.9	3	1.4	3	1.2	3	1.1	3	0.8	3
1970	9.7	1	9.3	1	8.8	1	7.7	1	5.8	1	4.3	1	3.4	1	2.8	1	2.0	1

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MOSCA CREEK NEAR MOSCA, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1968	0.02	1	0.04	1	0.05	1	0.07	1	0.11	1	0.12	1	0.14	1	0.15	1	0.17	1
1969	0.14	3	0.15	2	0.18	2	0.21	2	0.23	2	0.26	2	0.27	2	0.27	2	0.31	2
1970	0.11	2	0.18	3	0.26	3	0.30	3	0.32	3	0.34	3	0.35	3	0.36	3	0.37	3

08236000 ALAMOSA CREEK ABOVE TERRACE RESERVOIR, COLO.

LOCATION.--Lat 37°22'29", long 106°20'03", in NW¼NE¼ sec.17, T.36 N., R.6 E., Conejos County, on left bank 0.8 mi (1.3 km) upstream from high-water line of Terrace Reservoir at elevation 8,568 ft (2,611.5 m), 3.0 mi (4.8 km) downstream from French Creek, and 15 mi (24 km) northwest of Capulin.

DRAINAGE AREA.--107 mi² (277 km²).

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ALAMOSA CREEK ABOVE TERRACE RESERVOIR, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1916					62		36	30	6	4	8	37	6	6	7	7	13	5	9	14	7	18	17	10	5	9	6	8	16	13	7				
1917							8	27	53	33	18	14	11	23	17	13	17	3	13	19	5	9	2	7	4	11	12	6	11	3	3	5	8	10	
1918				31	31	61		12	8	6	25	16	35	17	13	5	6	4	7	12	7	6	15	6	7	6	13	11	5						
1924								2	10	21	7	8	17	36	49	51	30	41	8	10	7	2	4	11	7	7	3	11	11	3	9	1			
1925						62	28	30	31	27			3	22	12	14	13	6	7	16	7	9	8	10	11	14	25	6	4						
1926							59	41	37	13	46		18	12	8	17	18	3	6	7	4	19	12	7	4	3	4	3	17	5	2				
1927					28	31	92		31				3	4	2	15	16	12	7	21	5	12	5	10	9	7	10	28	7	6	2		2		
1935					68	60	7	12	35	4	13	4	12	6	11	8	13	8	8	5	6	10	13	7	5	5	13	3	4	3	5	10	3	3	1
1936					31	60			50	39	13	9	13	8	12	18	8	11	10	11	5	5	5	12	10	3	13	9	5	5	1				
1937							59		32	43	28	29	38	18	9	8	3	2	4	6	4	8	3	5	10	5	20	12	3	5	5	6			
1938					31	31	53	4	7	37	10	14	15	10	5	12	16	11	12	12	6	7	4	3	3	3	8	12	17	9	8	4	1		
1939								31	62	63	17	14	27	23	14	22	14	7	9	9	2	3	1	7	7	19	6	8							
1940						31	37	81	28	20	27	22	22	9	4	7	12	6	7	8	2	2	5	10	10	14	2								
1941						31	59	31	30	18	10	10	14	11	8	11	7	8	10	16	4	3	2	3	3	5	8	13	12	7	12	9	9	1	
1942						28	31	5	59	12	14	10	11	29	7	8	9	15	13	20	12	10	9	7	6	9	3	6	3	8	14	7			
1943						31	48	91	21	11	2	6	12	22	12	10	9	8	6	3	1	16	16	9	7	13	5	5	1						
1944					3	63	47	68	27	13	8	4	7	12	10	8	5	7	6	4	3	2	2	1	3	2	6	11	11	11	11	11			
1945						43	41	68	21	30	10	4	8	7	8	9	8	5	12	14	4	7	3	4	6	7	21	8	12	2	3				
1946						2	45	86	27	19	15	16	21	23	20	13	5	3	4	11	6	5	13	9	10	9	3								
1947							46	31	1	50	37	15	24	16	15	15	14	7	10	10	4	8	8	4	17	1	6	20	2	4					
1948						4	78	7	64	6	17	18	16	14	17	16	7	4	4	7	4	2	5	10	10	10	6	6	7	5	8	9	5		
1949				1	10	44	40	45	27	32	11	7	9	10	5	5	5	6	5	7	1	7	8	5	11	11	6	13	9	11	4	7	2	1	
1950						7	52	60	36	47	23	13	4	4	3	6	12	9	9	11	6	6	8	4	11	16	13	5							
1951			7	12	16	83	68	21	18	17	15	15	10	10	4	6	7	2	3	7	2	6	11	11	4	3	1	2	3	1					
1952		2	3	5	40	20	112	3	1			3	11	8	5	5	8	9	15	13	13	8	7	7	7	4	5	6	12	5	17	2	7	3	
1953				6	4	22	87	41	23	19	18	6	7	13	14	10	16	5	5	17	4	5	9	3	4	3	9	8	4	2	1				
1954				3	32	53	73	22	10	16	7	6	10	13	11	18	13	8	4	16	7	6	18	11	7	1									
1955		8	30	42	33	24	27	11	22	19	10	11	10	6	16	14	12	10	4	11	3	4	12	11	6	6	2	1							
1956		1	20	23	65	51	40	18	14	6	7	8	5	8	12	10	10	5	8	5	3	5	3	7	1	7	6	9	6	2	1				
1957		37	41	19	11	23	23	8	25	3	3	8	3	7	2	4	6	3	8	20	14	14	11	5	6	11	8	1	8	4	4	10	13	2	
1958							14	60	46	52	47	20	22	11	5	5	4	2	15	10	1	3	2	4	6	2	8	4	5	7	9	1			
1959					32	36	69	43	14	18	26	21	13	8	15	7	6	4	5	8	8	3	7	5	12	5									
1960							57	76	15	11	12	14	15	23	30	5	7	1	11	12	5	11	11	7	6	9	13	12	2	1					
1961					8	33	78	31	7	22	13	6	16	21	20	14	10	9	5	7	4	8	11	7	7	4	5	12	7						
1962							31	36	47	46	8	21	35	21	5	7	8	5	4	4	1	3	2	5	9	18	20	8	14	4	3				
1963		2	18	20	18	45	30	29	38	20	21	12	16	11	10	11	11	7	8	6	4	5	4	7	8	4									
1964				94	49	12	17	11	2	15	11	5	3	22	18	23	13	9	9	9	4	3	4	9	4	5	2	2	5	6					
1965					2	32	98	42	3	20	1	2	5	9	9	4	4	8	4	9	3	6	12	11	9	14	7	15	9	5	12	6	4		
1966								32	35	44	49	14	11	13	12	21	16	15	20	15	4	11	4	9	7	10	7	10	5	1					
1967					8	16	68	40	18	8	8	12	10	17	11	10	15	11	11	27	8	8	10	16	8	16	6	3							
1968						5	73	53	25	8	7	20	13	13	11	16	9	6	7	16	12	5	7	11	5	10	4	9	9	3	9				
1969						3	58	48	28	25	11	6	3	13	15	15	10	6	5	11	8	14	17	24	15	7	6	7	6	4					
1970						1	5	20	37	34	21	23	21	35	20	26	25	6	9	7	6	5	4	8	8	16	9	6	4	6	3				
1971						1	5	15	48	47	52	18	18	18	20	13	14	6	22	12	9	8	11	12	13	3									
1972				1	5	10	45	73	35	13	29	6	32	29	7	3	5	4	9	7	4	13	19	16	1										
1973				3	1		16	50	61	34	11	9	16	21	14	11	8	5	13	11	4	5	5	2	2	10	9	6	11	9	9	6	3		
1974					8	43	77	37	21	17	19	16	20	18	10	10	5	2	4	10	9	4	7	7	7	5	6	3							
1975					7	71	56	43	11	17	17	7	6	7	5	6	11	7	3	9	5	3	4	1	3	6	10	17	14	6	7	6			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	17532	100.0	12	38.0	677	7882	45.0	24	280	341	2203	12.5
1	6.10	50	17532	100.0	13	45.0	717	7205	41.1	25	330	368	1862	10.6
2	7.30	119	17482	99.7	14	54.0	569	6488	37.0	26	390	355	1494	8.5
3	8.60	260	17363	99.0	15	63.0	572	5919	33.8	27	460	345	1139	6.4
4	10.00	603	17103	97.6	16	75.0	513	5347	30.5	28	550	281	794	4.5
5	12.00	1173	16500	94.1	17	88.0	346	4834	27.6	29	650	166	513	2.9
6	14.00	2093	15327	87.4	18	100.0	397	4488	25.6	30	760	169	347	1.9
7	17.00	1625	13234	75.5	19	120.0	532	4091	23.3	31	900	100	178	1.0
8	20.00	1307	11609	66.2	20	150.0	257	3559	20.3	32	1100	57	78	.4
9	23.00	1079	10302	58.8	21	170.0	342	3302	18.8	33	1300	20	21	.1
10	28.00	782	9223	52.6	22	200.0	380	2960	16.9	34	1500	1	1	
11	33.00	559	8441	48.1	23	240.0	377	2580	14.7					

08236000 ALAMOSA CREEK ABOVE TERRACE RESERVOIR, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ALAMOSA CREEK ABOVE TERRACE RESERVOIR, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1916	850.0	20	820.0	19	773.0	18	710.0	18	667.0	15	575.0	14	461.0	13	393.0	12	285.0	7
1917	1420.0	2	1400.0	1	1360.0	1	1310.0	1	1100.0	1	794.0	2	619.0	2	499.0	2	346.0	2
1918	585.0	35	579.0	34	561.0	33	514.0	30	454.0	31	367.0	28	299.0	28	243.0	29	175.0	28
1924	925.0	16	882.0	16	828.0	17	782.0	15	634.0	18	507.0	17	395.0	18	317.0	18	231.0	18
1925	604.0	34	578.0	35	538.0	34	493.0	33	456.0	30	400.0	25	336.0	22	283.0	22	209.0	22
1926	760.0	26	740.0	24	692.0	22	653.0	19	599.0	19	420.0	22	337.0	21	274.0	23	191.0	25
1927	1290.0	7	1040.0	12	708.0	20	625.0	21	548.0	20	527.0	16	437.0	15	359.0	15	272.0	12
1935	1550.0	1	1340.0	2	1200.0	4	1150.0	2	955.0	3	661.0	7	505.0	9	405.0	9	282.0	8
1936	840.0	21	753.0	23	634.0	26	545.0	27	505.0	24	419.0	23	319.0	25	258.0	24	193.0	24
1937	1000.0	14	977.0	14	944.0	11	853.0	12	682.0	14	546.0	15	437.0	16	347.0	16	240.0	16
1938	1130.0	11	1060.0	10	967.0	10	881.0	10	754.0	12	589.0	13	494.0	11	395.0	10	280.0	9
1939	516.0	39	504.0	38	459.0	37	424.0	37	393.0	35	318.0	35	241.0	37	193.0	37	141.0	37
1940	420.0	43	405.0	43	372.0	43	349.0	41	332.0	40	250.0	40	192.0	40	154.0	41	111.0	41
1941	1330.0	6	1230.0	6	1200.0	5	1010.0	5	829.0	6	803.0	1	646.0	1	515.0	1	356.0	1
1942	1000.0	15	965.0	15	906.0	14	868.0	11	820.0	7	605.0	12	460.0	14	371.0	14	256.0	15
1943	554.0	36	542.0	36	486.0	36	400.0	38	309.0	41	305.0	36	250.0	35	204.0	36	147.0	34
1944	1080.0	12	1050.0	11	917.0	13	886.0	9	814.0	8	699.0	5	526.0	6	410.0	7	278.0	10
1945	770.0	23	770.0	21	688.0	23	599.0	24	545.0	21	473.0	19	369.0	19	302.0	20	211.0	21
1946	455.0	42	435.0	41	392.0	41	326.0	42	263.0	44	254.0	39	196.0	39	160.0	40	121.0	40
1947	680.0	28	652.0	29	623.0	29	498.0	32	466.0	29	400.0	26	311.0	26	246.0	27	189.0	26
1948	1220.0	9	1170.0	8	1060.0	8	918.0	8	879.0	5	646.0	8	513.0	8	406.0	8	277.0	11
1949	1370.0	4	1280.0	4	1130.0	6	985.0	6	805.0	10	639.0	10	521.0	7	421.0	6	289.0	6
1950	482.0	40	468.0	40	437.0	40	429.0	35	378.0	36	334.0	33	267.0	32	222.0	32	155.0	33
1951	680.0	29	644.0	30	567.0	32	429.0	36	338.0	38	245.0	42	182.0	43	144.0	45	101.0	45
1952	1330.0	5	1320.0	3	1270.0	2	1120.0	3	930.0	4	744.0	4	583.0	4	472.0	4	334.0	4
1953	770.0	24	715.0	25	625.0	28	549.0	26	469.0	26	322.0	34	253.0	34	206.0	34	145.0	35
1954	335.0	47	312.0	47	292.0	47	275.0	47	252.0	47	212.0	45	172.0	45	145.0	44	107.0	43
1955	465.0	41	433.0	42	384.0	42	319.0	43	295.0	42	229.0	43	175.0	44	148.0	43	107.0	44
1956	766.0	25	694.0	27	650.0	25	532.0	29	468.0	27	344.0	32	256.0	33	204.0	35	141.0	36
1957	1400.0	3	1260.0	5	1240.0	3	1070.0	4	1060.0	2	764.0	3	590.0	3	482.0	3	343.0	3
1958	904.0	17	867.0	18	841.0	15	775.0	16	657.0	16	450.0	20	331.0	23	258.0	25	181.0	27
1959	340.0	45	333.0	45	310.0	45	297.0	46	261.0	45	203.0	47	152.0	47	124.0	47	91.0	47
1960	652.0	32	609.0	32	531.0	35	501.0	31	452.0	33	355.0	30	296.0	29	244.0	28	172.0	29
1961	612.0	33	585.0	33	568.0	31	535.0	28	443.0	34	354.0	31	268.0	31	214.0	33	161.0	32
1962	816.0	22	789.0	20	755.0	19	603.0	22	517.0	23	489.0	18	419.0	17	335.0	17	231.0	17
1963	365.0	44	352.0	44	332.0	44	301.0	45	258.0	46	180.0	48	143.0	48	117.0	48	86.0	48
1964	728.0	27	705.0	26	671.0	24	603.0	23	453.0	32	295.0	38	220.0	38	189.0	38	138.0	38
1965	1250.0	8	1210.0	7	1110.0	7	944.0	7	810.0	9	669.0	6	547.0	5	458.0	5	322.0	5
1966	660.0	31	631.0	31	590.0	30	479.0	34	468.0	28	365.0	29	287.0	30	237.0	30	172.0	30
1967	527.0	37	510.0	37	454.0	38	394.0	39	360.0	37	297.0	37	246.0	36	223.0	31	169.0	31
1968	896.0	18	881.0	17	834.0	16	760.0	17	646.0	17	446.0	21	366.0	20	312.0	19	223.0	19
1969	670.0	30	665.0	28	633.0	27	595.0	25	490.0	25	382.0	27	331.0	24	290.0	21	214.0	20
1970	870.0	19	762.0	22	706.0	21	634.0	20	520.0	22	408.0	24	310.0	27	246.0	26	195.0	23
1971	335.0	46	325.0	46	307.0	46	302.0	44	282.0	43	224.0	44	190.0	41	165.0	39	122.0	39
1972	296.0	48	275.0	48	258.0	48	248.0	48	232.0	48	207.0	46	166.0	46	135.0	46	97.0	46
1973	1160.0	10	1130.0	9	1010.0	9	843.0	13	759.0	11	643.0	9	495.0	10	394.0	11	271.0	13
1974	526.0	38	486.0	39	443.0	39	386.0	40	335.0	39	248.0	41	186.0	42	152.0	42	110.0	42
1975	1060.0	13	1020.0	13	930.0	12	834.0	14	701.0	13	608.0	11	481.0	12	383.0	13	262.0	14

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ALAMOSA CREEK ABOVE TERRACE RESERVOIR, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1916	10.00	15	10.00	12	10.00	11	10.00	10	10.00	8	10.00	8	12.00	9	13.00	12	20.00	29
1917	14.00	38	15.00	37	16.00	43	17.00	43	18.00	44	19.00	43	20.00	43	21.00	43	36.00	45
1918	9.00	8	9.00	8	9.00	8	9.00	6	9.00	5	9.50	5	10.00	4	11.00	4	16.00	17
1924	35.00	47	35.00	47	36.00	47	41.00	47	47.00	47	53.00	47	58.00	47	62.00	47	68.00	47
1925	13.00	34	13.00	32	13.00	26	13.00	28	13.00	26	13.00	20	14.00	21	15.00	19	17.00	18
1926	15.00	39	15.00	38	15.00	38	15.00	34	15.00	32	15.00	30	16.00	31	17.00	30	25.00	36
1927	10.00	16	10.00	13	10.00	12	10.00	11	10.00	9	11.00	9	12.00	10	13.00	13	15.00	12
1936	10.00	17	10.00	14	10.00	13	10.00	12	10.00	10	11.00	10	12.00	11	14.00	14	17.00	19
1937	15.00	40	15.00	39	15.00	39	15.00	35	15.00	33	15.00	31	17.00	32	19.00	39	25.00	37
1938	11.00	18	11.00	20	11.00	14	11.00	13	11.00	11	12.00	11	13.00	16	14.00	15	19.00	24
1939	17.00	45	17.00	45	17.00	44	17.00	44	17.00	41	18.00	41	19.00	42	20.00	40	29.00	41
1940	13.00	35	13.00	33	13.00	27	13.00	29	13.00	27	14.00	24	15.00	26	16.00	27	19.00	25
1941	12.00	25	12.00	23	12.00	21	12.00	20	12.00	17	13.00	21	14.00	22	15.00	20	20.00	30
1942	12.00	26	12.00	24	12.00	22	12.00	21	12.00	18	14.00	25	16.00	27	18.00	35	46.00	46
1943	12.00	27	12.00	25	12.00	23	12.00	22	12.00	19	13.00	22	14.00	23	15.00	21	16.00	13
1944	11.00	19	11.00	21	12.00	24	12.00	23	12.00	20	12.00	12	13.00	17	14.00	16	16.00	14
1945	13.00	28	13.00	26	13.00	28	13.00	24	13.00	21	14.00	26	15.00	24	15.00	22	17.00	20
1946	13.00	29	14.00	34	15.00	40	16.00	40	16.00	38	16.00	32	17.00	33	17.00	31	19.00	26
1947	14.00	36	14.00	35	14.00	33	15.00	36	16.00	39	16.00	33	18.00	40	20.00	41	24.00	34
1948	16.00	43	16.00	44	16.00	41	16.00	37	16.00	40	16.00	34	17.00	34	18.00	32	27.00	40
1949	9.00	9	10.00	15	11.00	15	11.00	14	13.00	22	13.00	23	14.00	18	15.00	23	16.00	15
1950	13.00	30	13.00	27	14.00	34	14.00	30	15.00	34	16.00	35	17.00	35	18.00	33	21.00	31

08236000 ALAMOSA CREEK ABOVE TERRACE RESERVOIR, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ALAMOSA CREEK ABOVE TERRACE RESERVOIR, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1951	7.80	6	8.40	6	8.50	5	9.00	7	11.00	12	12.00	13	12.00	12	12.00	7	14.00	8
1952	7.80	6	7.80	4	8.60	6	9.30	8	9.70	7	10.00	6	11.00	7	12.00	8	12.00	3
1953	13.00	31	13.00	28	13.00	29	13.00	25	14.00	28	15.00	27	15.00	25	16.00	28	20.00	27
1954	9.80	11	9.80	10	9.90	9	10.00	9	11.00	13	12.00	14	13.00	13	13.00	9	13.00	6
1955	7.00	4	7.00	2	7.00	1	7.40	2	8.00	2	8.50	2	8.70	2	9.20	2	12.00	4
1956	6.60	2	7.90	5	7.90	4	8.00	4	9.30	6	10.00	7	10.00	5	11.00	5	13.00	5
1957	6.20	1	6.50	1	7.00	2	7.00	1	7.10	1	7.30	1	8.10	1	8.60	1	9.70	1
1958	15.00	41	15.00	40	15.00	35	17.00	41	18.00	42	19.00	42	19.00	41	20.00	42	22.00	32
1959	11.00	20	11.00	16	11.00	16	11.00	15	11.00	14	12.00	15	12.00	8	13.00	10	15.00	9
1960	14.00	37	15.00	41	15.00	36	16.00	38	16.00	35	16.00	36	17.00	36	18.00	34	26.00	38
1961	11.00	21	11.00	17	11.00	17	12.00	16	12.00	15	13.00	16	14.00	19	15.00	24	16.00	16
1962	16.00	44	16.00	42	16.00	42	16.00	39	16.00	36	16.00	37	18.00	37	19.00	36	25.00	35
1963	7.00	3	7.30	3	7.40	3	7.90	3	8.40	3	9.40	4	11.00	6	11.00	6	14.00	7
1964	8.70	7	9.00	7	9.00	7	9.00	5	9.00	4	9.30	3	9.30	3	9.70	3	11.00	2
1965	11.00	22	12.00	22	12.00	25	12.00	17	13.00	23	13.00	17	14.00	20	14.00	17	15.00	10
1966	18.00	46	18.00	46	18.00	45	18.00	45	18.00	43	20.00	44	22.00	44	23.00	44	35.00	43
1967	10.00	12	11.00	18	11.00	18	12.00	18	13.00	24	15.00	28	16.00	28	16.00	25	18.00	22
1968	12.00	23	13.00	29	14.00	30	15.00	31	15.00	29	15.00	29	16.00	29	16.00	26	19.00	23
1969	13.00	32	13.00	30	14.00	31	15.00	32	15.00	30	16.00	38	16.00	30	17.00	29	20.00	28
1970	13.00	33	14.00	36	15.00	37	17.00	42	21.00	45	21.00	45	22.00	45	24.00	45	36.00	44
1971	15.00	42	16.00	43	18.00	46	21.00	46	22.00	46	23.00	46	24.00	46	24.00	46	32.00	42
1972	12.00	24	13.00	31	14.00	32	15.00	33	16.00	37	17.00	40	18.00	38	19.00	37	24.00	33
1973	9.50	10	9.50	9	10.00	10	13.00	26	15.00	31	16.00	39	18.00	39	19.00	38	27.00	39
1974	10.00	13	11.00	19	12.00	19	13.00	27	13.00	25	13.00	18	13.00	14	14.00	18	17.00	21
1975	10.00	14	10.00	11	12.00	20	12.00	19	12.00	16	13.00	19	13.00	15	13.00	11	15.00	11

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
34.4	22.4	17.2	15.2	15.2	24.3	107	396	442	152	71.0	42.8
600	158	82.2	53.0	30.6	169	2593	17770	66120	13630	1856	942
24.5	12.6	9.07	7.28	5.53	13.0	50.9	133	257	117	43.1	30.7
2.45	2.22	3.98	4.55	3.74	4.03	0.62	0.21	0.81	1.27	1.27	2.07
0.71	0.56	0.53	0.48	0.34	0.54	0.48	0.34	0.58	0.77	0.61	0.72
2.57	1.67	1.28	1.14	1.21	1.81	7.95	29.5	33.0	11.3	5.30	3.19

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.46	1.30	1.20	1.15	1.19	1.35	1.98	2.57	2.57	2.06	1.78	1.54
0.06	0.04	0.03	0.02	0.01	0.03	0.05	0.02	0.07	0.11	0.07	0.08
0.25	0.20	0.16	0.14	0.12	0.17	0.22	0.16	0.26	0.33	0.26	0.27
0.62	0.75	1.12	1.55	1.07	0.95	-0.21	-0.34	-0.11	0.15	0.00	0.23
0.17	0.15	0.14	0.12	0.10	0.12	0.11	0.06	0.10	0.16	0.14	0.18
7.24	6.45	5.95	5.73	5.91	6.69	9.80	12.8	12.8	10.2	8.82	7.65

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
112	1540	39.2	0.23	0.35	-0.038

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.02	0.03	0.16	-0.29	0.08	-0.002

08236500 ALAMOSA CREEK BELOW TERRACE RESERVOIR, COLO.

LOCATION.--Lat 37°21'10", long 106°16'37", in sec.23, T.36 N., R.6 E., Conejos County, on left bank 0.5 mi (0.8 km) downstream from Terrace Reservoir and 11 mi (18 km) northwest of Capulin.

DRAINAGE AREA.--116 mi^2 (300 km^2).

REMARKS.--Flow regulated by Terrace Reservoir (capacity, 17,700 acre-ft or 21.8 hm^3). No diversion above station.

08236500 ALAMOSA CREEK BELOW TERRACE RESERVOIR, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ALAMOSA CREEK BELOW TERRACE RESERVOIR, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1924																	1	16	19	3	3	207	5	4	6	30	2	23	9	5	16	17			
1925																	20	167		5	10	18	18	15	11	23	22	22	26	8					
1926															3		9	131	10	28	41	8	8	22	17	32	22	2	10	13	9				
1927															150		1		1	38	8	13	10	26	14	16	21	20	15	22	10				
1928																		76	45	13	48	45	10	12	11	43	18	22	18	5					
1929														120			27	31		19			6	18	17	18	35	18	28	21	7				
1930																			38	53	63	54	18	39	15	26	13	20	21	5					
1931																2	3	167	2	46	18	34	27	16	11	6	14	10	9						
1932													1				152		1	4	16	14	8	24	1	21	18	30	27	35	14				
1933																1	93	49	36	30	33	17	10	13	12	15	14	15	4	11	7	5			
1934												1	1	1	62	35	60	11	82	39	11	5	4	12	11	5	3	14	7	1					
1935													42	40	26	33	4	31	13	10	16	2	9	22	13	12	26	20	19	8	13	4	2		
1936																				204	6	11	11	26	17	26	15	17	25	8					
1937																		1	179	19	1	1	16	21	13	24	13	29	25	15	3	4	1		
1938											87				1		33	52	11	9	7	7	18	15	16	27	17	17	12	14	13	9			
1939															121	6	5	3	7	26	31	51	15	31	9	10	4	23	16	7					
1940											18	77	1		1	4	30	32	28	26	40	32	10	6	13	7	8	23	10						
1941										1	131				1		4	20	15	5	9	17	28	6	5	15	14	20	20	15	21	11	7		
1942															129			12	11	2	10	18	44	21	18	20	7	18	13	10	22	9	1		
1943		1					1		119	1	2		3		5	9	6	42	9	4	14	22	22	20	9	13	26	19	14	4					
1944					3			1			125	1	2	13	2	9	16	13	9	18	9	17	1	20	13	15	18	5	6	9	30	11			
1945															88	21	2	9	80	17	2	5	7	15	40	14	4	10	20	24	7				
1946															122	16	8	3	30	11	43	26	25	15	7	20	14	11	12	2					
1947																108	31	2	19	21	28	22	16	34	6	8	27	4	22	11	6				
1948																	167	15	2	6	2	37	15	1	15	11	10	34	9	17	10	13	2		
1949															43	104	11	11	25	3	5	11	3	25	11	11	10	16	30	29	17				
1950															3	58	118	11	5	22	8	16	21	20	16	14	12	12	21	8					
1951															71	92	23	30	28	32	14	10	12	4	2	11	15	12	2	3	4				
1952															24	169		1		18	3	5	10	9	4	12	35	14	9	17	22	5	8	1	
1953																105	64	13	15	1	15	23	27	26	23	13	8	4	10	13	3	2			
1954																186	4	18	12	12	16	21	16	18	14	13	20	14	1						
1955															34	110	22	42	10	12	23	23	15	19	10	9	13	14	7	2					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	11688	100.0	12	4.9	50	11119	95.1	24	120	400	3135	26.8
1	0.20	1	11688	100.0	13	6.3	174	11069	94.7	25	150	540	2735	23.4
2	0.30	0	11687	100.0	14	8.3	886	10895	93.2	26	200	498	2195	18.7
3	0.40	0	11687	100.0	15	11.0	1068	10009	85.6	27	260	532	1697	14.5
4	0.60	3	11687	100.0	16	14.0	914	8941	76.5	28	340	477	1165	9.9
5	0.80	0	11684	100.0	17	18.0	1009	8027	68.7	29	450	342	688	5.8
6	1.00	1	11684	100.0	18	24.0	742	7018	60.0	30	580	234	346	2.9
7	1.30	1	11683	100.0	19	31.0	756	6276	53.7	31	760	90	112	.9
8	1.70	119	11682	99.9	20	41.0	553	5520	47.2	32	990	21	22	.1
9	2.20	2	11563	98.9	21	53.0	792	4967	42.5	33	1300	1	1	
10	2.90	363	11561	98.9	22	69.0	465	4175	35.7	34				
11	3.70	79	11198	95.8	23	90.0	575	3710	31.7					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ALAMOSA CREEK BELOW TERRACE RESERVOIR, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1924	938.0	8	882.0	8	821.0	7	807.0	4	697.0	5	568.0	6	445.0	8	368.0	8	263.0	8
1925	534.0	22	491.0	24	479.0	20	444.0	20	394.0	20	355.0	18	305.0	17	265.0	15	196.0	15
1926	675.0	15	647.0	17	625.0	17	599.0	13	527.0	14	379.0	16	305.0	18	261.0	16	188.0	16
1927	654.0	18	640.0	18	628.0	16	598.0	14	538.0	13	426.0	14	371.0	13	325.0	13	240.0	13
1928	480.0	28	466.0	27	448.0	24	418.0	25	353.0	23	319.0	23	266.0	20	236.0	20	167.0	21
1929	696.0	14	689.0	14	654.0	13	572.0	15	523.0	15	460.0	11	386.0	12	342.0	11	263.0	9
1930	502.0	23	502.0	22	469.0	22	443.0	21	401.0	19	318.0	24	257.0	24	222.0	21	171.0	20
1931	418.0	30	393.0	30	376.0	30	345.0	27	291.0	30	211.0	31	163.0	31	134.0	31	108.0	29
1932	660.0	17	660.0	15	650.0	14	628.0	12	560.0	11	514.0	9	447.0	7	398.0	4	304.0	3
1933	834.0	10	834.0	9	799.0	9	701.0	9	578.0	10	409.0	15	316.0	15	257.0	17	180.0	19
1934	488.0	26	453.0	28	432.0	27	338.0	28	299.0	29	208.0	32	150.0	32	119.0	32	87.0	32
1935	1180.0	2	1020.0	4	886.0	5	799.0	5	656.0	8	503.0	10	413.0	10	349.0	10	252.0	11
1936	498.0	24	494.0	23	439.0	26	428.0	23	393.0	21	355.0	19	289.0	19	239.0	19	188.0	17
1937	1030.0	6	936.0	7	808.0	8	643.0	10	511.0	16	458.0	12	389.0	11	329.0	12	247.0	12
1938	989.0	7	943.0	6	871.0	6	791.0	7	687.0	7	530.0	7	423.0	9	358.0	9	262.0	10
1939	570.0	20	552.0	20	475.0	21	432.0	22	390.0	22	323.0	21	254.0	25	208.0	25	157.0	24
1940	403.0	31	384.0	31	351.0	31	338.0	29	317.0	26	254.0	27	195.0	27	159.0	27	117.0	27

08236500 ALAMOSA CREEK BELOW TERRACE RESERVOIR, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISHCARGE, IN CUBIC FEET PER SECOND
MEAN
ALAMOSA CREEK BELOW TERRACE RESERVOIR, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1941	1170.0	3	1130.0	2	1110.0	2	877.0	2	695.0	6	670.0	1	572.0	1	487.0	1	344.0	1
1942	1040.0	5	992.0	5	936.0	3	798.0	6	750.0	3	587.0	4	471.0	5	390.0	7	277.0	6
1943	549.0	21	528.0	21	468.0	23	396.0	26	314.0	27	308.0	25	261.0	21	217.0	24	160.0	22
1944	855.0	9	828.0	10	792.0	10	759.0	8	724.0	4	623.0	3	487.0	3	398.0	5	277.0	7
1945	623.0	19	607.0	19	579.0	19	569.0	17	542.0	12	453.0	13	359.0	14	303.0	14	217.0	14
1946	461.0	29	449.0	29	411.0	29	325.0	31	270.0	31	261.0	26	202.0	26	167.0	26	129.0	26
1947	663.0	16	658.0	16	632.0	15	495.0	18	452.0	18	378.0	17	307.0	16	251.0	18	188.0	18
1948	1090.0	4	1020.0	3	918.0	4	855.0	3	764.0	2	583.0	5	486.0	4	405.0	3	280.0	5
1949	705.0	12	700.0	12	674.0	11	637.0	11	596.0	9	525.0	8	461.0	6	393.0	6	282.0	4
1950	488.0	27	470.0	25	447.0	25	418.0	24	351.0	24	323.0	22	259.0	22	218.0	22	158.0	23
1951	705.0	13	692.0	13	597.0	18	446.0	19	346.0	25	247.0	28	184.0	28	146.0	29	101.0	31
1952	1350.0	1	1300.0	1	1210.0	1	1070.0	1	843.0	1	659.0	2	547.0	2	462.0	2	325.0	2
1953	811.0	11	765.0	11	654.0	12	572.0	16	482.0	17	325.0	20	259.0	23	218.0	23	156.0	25
1954	354.0	32	327.0	32	307.0	32	283.0	32	253.0	32	213.0	30	172.0	30	146.0	30	106.0	30
1955	494.0	25	470.0	26	413.0	28	331.0	30	300.0	28	235.0	29	181.0	29	153.0	28	111.0	28

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ALAMOSA CREEK BELOW TERRACE RESERVOIR, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1924	25.00	30	25.00	30	25.00	29	25.00	29	52.00	32	62.00	32	62.00	32	62.00	32	62.00	32
1925	16.00	25	16.00	25	16.00	25	16.00	25	17.00	25	18.00	25	19.00	25	19.00	25	20.00	21
1926	20.00	28	20.00	28	20.00	28	20.00	28	20.00	28	20.00	26	21.00	27	21.00	27	28.00	27
1927	10.00	17	10.00	16	10.00	14	10.00	14	10.00	13	10.00	14	10.00	12	10.00	9	14.00	14
1928	19.00	26	19.00	26	19.00	26	19.00	26	19.00	26	20.00	27	23.00	28	29.00	28	45.00	30
1929	7.00	10	7.00	8	7.00	8	7.00	7	7.00	7	7.10	7	7.10	7	7.20	6	11.00	4
1930	28.00	31	28.00	31	28.00	30	28.00	30	28.00	29	30.00	30	35.00	31	39.00	31	49.00	31
1931	20.00	27	20.00	27	20.00	27	20.00	27	20.00	27	20.00	28	20.00	26	20.00	26	23.00	23
1932	6.00	9	12.00	21	14.00	22	14.00	22	15.00	24	15.00	24	15.00	24	15.00	22	26.00	25
1933	14.00	23	14.00	23	14.00	23	14.00	23	14.00	22	14.00	22	14.00	22	15.00	23	23.00	24
1934	10.00	18	10.00	17	10.00	15	10.00	15	10.00	14	10.00	15	11.00	18	12.00	17	15.00	16
1935	4.00	8	6.00	7	6.00	7	6.00	6	6.00	6	6.30	6	6.90	6	7.70	7	11.00	5
1936	22.00	29	25.00	29	29.00	31	31.00	32	31.00	31	32.00	31	32.00	30	33.00	30	34.00	29
1937	30.00	32	30.00	32	30.00	32	30.00	31	30.00	30	30.00	29	30.00	29	30.00	29	30.00	28
1938	3.00	4	3.00	3	3.00	3	3.00	2	3.00	2	3.00	2	3.30	4	6.50	5	12.00	6
1939	10.00	19	10.00	18	10.00	16	10.00	16	10.00	15	10.00	16	10.00	13	10.00	10	18.00	19
1940	3.00	5	3.00	4	3.00	4	3.00	3	3.40	5	3.70	5	3.80	5	6.20	4	14.00	15
1941	2.80	3	3.00	5	3.00	5	3.00	4	3.00	3	3.00	3	3.00	2	3.00	2	13.00	9
1942	3.40	7	9.70	12	10.00	17	10.00	17	10.00	16	10.00	17	10.00	14	10.00	11	28.00	26
1943	0.21	1	0.97	2	1.60	1	1.80	1	1.90	1	2.00	1	2.00	1	2.00	1	6.90	1
1944	0.61	2	0.60	1	2.30	2	3.10	5	3.10	4	3.10	4	3.10	3	3.20	3	7.30	2
1945	3.10	6	3.10	6	3.10	6	8.90	8	9.30	9	9.50	9	9.60	9	11.00	12	16.00	17
1946	8.90	12	9.00	10	9.00	10	9.00	9	9.00	8	9.20	8	9.40	8	9.50	8	14.00	10
1947	11.00	20	11.00	19	11.00	18	11.00	18	11.00	18	11.00	18	11.00	15	12.00	18	18.00	18
1948	14.00	24	14.00	24	14.00	24	14.00	24	14.00	23	14.00	23	14.00	23	15.00	24	22.00	22
1949	9.10	13	9.10	11	9.10	11	9.10	11	9.40	10	10.00	10	10.00	10	11.00	13	14.00	11
1950	10.00	14	10.00	13	11.00	19	11.00	19	12.00	19	12.00	19	13.00	20	13.00	20	14.00	12
1951	10.00	15	10.00	14	10.00	12	10.00	12	10.00	17	10.00	11	10.00	11	11.00	14	14.00	13
1952	8.80	11	8.80	9	8.80	9	9.00	10	9.40	11	10.00	12	11.00	16	11.00	15	11.00	3
1953	12.00	22	12.00	22	12.00	21	13.00	21	13.00	21	13.00	21	13.00	21	13.00	21	20.00	20
1954	11.00	21	11.00	20	11.00	20	11.00	20	12.00	20	12.00	20	12.00	19	12.00	19	12.00	7
1955	10.00	16	10.00	15	10.00	13	10.00	13	10.00	12	10.00	13	11.00	17	11.00	16	13.00	8

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
36.4	22.8	16.6	15.2	14.7	18.1	109	354	409	180	111	51.9
464	228	190	165	136	118	2689	12090	38050	13290	3292	690
21.5	15.1	13.8	12.9	11.7	10.9	51.9	110	195	115	57.4	26.3
1.13	1.50	1.98	2.15	2.44	2.18	0.30	0.20	0.26	0.71	0.56	0.51
0.59	0.66	0.83	0.84	0.79	0.60	0.48	0.31	0.48	0.64	0.52	0.51
2.72	1.70	1.24	1.14	1.10	1.35	8.15	26.4	30.5	13.5	8.29	3.87

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.49	1.28	1.10	1.06	1.06	1.19	1.98	2.53	2.55	2.16	1.98	1.65
0.06	0.06	0.11	0.12	0.11	0.07	0.06	0.02	0.07	0.10	0.07	0.06
0.25	0.25	0.32	0.34	0.33	0.26	0.24	0.14	0.26	0.31	0.26	0.25
0.10	0.38	-0.10	-0.19	-0.37	-0.76	-0.60	-0.26	-1.32	-0.41	-0.73	-0.50
0.17	0.20	0.29	0.32	0.31	0.22	0.12	0.06	0.10	0.15	0.13	0.15
7.45	6.40	5.51	5.29	5.27	5.94	9.89	12.6	12.7	10.8	9.88	8.25

08236500 ALAMOSA CREEK BELOW TERRACE RESERVOIR, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
112	1338	36.6	0.01	0.33	-0.099

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.02	0.02	0.15	-0.47	0.08	-0.057

08238000 LA JARA CREEK AT GALLEGOS RANCH, NEAR CAPULIN, COLO.

LOCATION.--Lat 37°12'32", long 106°11'16", in NE¼ sec.10, T.34 N., R.7 E., Conejos County, on left bank 2.7 mi (4.3 km) downstream fron Canyon Del Rancho, 7 mi (11 km) southwest of Capulin, and 16.5 mi (26.5 km) downstream from La Jara Reservoir.

DRAINAGE AREA.--98 mi^2 (254 hm^2), approximately.

REMARKS.--Small diversions above station for irrigation. Flow regulated by La Jara Reservoir (capacity, 14,040 acre-ft or 17.3 hm^3).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LA JARA CREEK AT GALLEGOS RANCH, NR CAPULIN, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1944									61	78	62	30	20	12	21	11	10	5	6	7	4	6	3	3	3	1	1	8	1	1	2	2	4	3	1
1950						31	31		31	11	21	37	33	24	24	25	14	34	10	12	9	11	3	3	1										
1951			1		8	28	33	96	49	21	12	32	14	11	10	6	8	11	2	5	10	3	2	1	2										
1952		2	1	4	2	12	12	107	8	22	43	9	2	8	15	21	14	12	6	3	6	6	5	9	7	4		7	10	3	2	4			
1953							14	46	80	43	14	20	12	11	18	29	25	22	9	17	5														
1954				4	15	39	53	29	60	29	12	37	9	18	14	10	17	6	5	4	1	2		1											
1955		31		33	41	47	65	55	26	15	9	9	6	5	5	5	3	5	1		4														
1956			4	8	73	42	84	45	16	8	2	5	9	11	2	11	11	9	5	9	5	2	5												
1957				1	13	43	113	19	6	21	12	21	8	8	15	6	3	10	3	3	2	7	3	9	13	12	1	9	4						
1958							38	72	84	45	16	14	8	3	5	7	6	2	4	7	5	15	13	2	3	9	2	2	3						
1959					1	7	92	25	40	33	32	27	29	17	9	11	16	4	1	11	1	4	5												
1960						31	74	67	45	15	13	17	11	4	7	11	15	10	11	6		6	5	6	1	1	3	2	4	1					
1961						33	23	95	67	26	14	11	9	10	8	7	6	15	3	7	6	2	1	2	4	3	4	2	1	4	1	1			
1962							20	21	115	31	50	33	14	11	5	8	4	5	10	3	5	2	1	1	4	7	5	8	2						
1963					1	35	105	46	67	20	26	38	2	8	8	3	1	2	2	1															
1964					60	7	116	69	26	8	14	3	6	2	2	12	5	10	11	11	3	1													
1965							46	60	60	62	4	16	22	8	13	10	5	4	5	2	3	7	1	6	5	8	2	4	6	6					
1966							2	3	110	127	15	20	9	12	14	5	10	8	11	7	10	2													
1967									93	37	15	72	26	19	13	34	28	16	5	7															
1968								31	78	102	9	30	15	7	12	8	19	10	3	3	6	3	4	7	7	9		3							
1969							23	87	18	64	23	22	16	9	10	11	8	17	7	10	13	5	8	9	5										
1970									6	47	31	66	40	50	48	19	1	4	1	4	15	6	3	4	3	6	3	5	1		2				
1971					1	1	1	5	38	63	32	71	33	22	24	31	13	16	3		1	3	1	1	3				2						
1972						1	42	65	77	47	41	36	29	18	9	1																			
1973							31	103	83	24	10	7	8	7	11	7	7	11	8	4	5	3	5	7	2	6	5	3	6	2					
1974						1	25	80	120	37	6	15	21	11	18	8	5	4	9	4	1														
1975						1	28	40	79	58	17	15	14	25	20	9	3	3	4	10	1	5	6	4	4	4	1	9	5						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	9862	100.0	12	12.0	425	2957	30.0	24	78	67	310	3.1
1	2.20	33	9862	100.0	13	14.0	351	2532	25.7	25	91	70	243	2.4
2	2.60	6	9829	99.7	14	16.0	360	2181	22.1	26	110	27	173	1.7
3	3.00	50	9823	99.6	15	19.0	326	1821	18.5	27	120	62	146	1.4
4	3.50	215	9773	99.1	16	22.0	257	1495	15.2	28	140	45	84	.8
5	4.10	359	9558	96.9	17	26.0	255	1238	12.6	29	170	17	39	.3
6	4.80	1071	9199	93.3	18	31.0	145	983	10.0	30	200	7	22	.2
7	5.60	1266	8128	82.4	19	36.0	157	838	8.5	31	230	7	15	.1
8	6.50	1543	6862	69.6	20	42.0	121	681	6.9	32	270	4	8	
9	7.60	1094	5319	53.9	21	49.0	101	560	5.7	33	310	3	4	
10	8.90	555	4225	42.8	22	57.0	74	459	4.7	34	370	1	1	
11	10.00	713	3670	37.2	23	67.0	75	385	3.9					

08238000 LA JARA CREEK AT GALLEGOS RANCH, NEAR CAPULIN, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LA JARA CREEK AT GALLEGOS RANCH, NR CAPULIN, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1944	384.0	1	368.0	1	315.0	1	263.0	1	185.0	1	109.0	2	77.0	2	63.0	2	47.0	2
1950	79.0	16	77.0	15	68.0	15	61.0	15	50.0	14	37.0	14	29.0	14	27.0	14	24.0	14
1951	80.0	15	76.0	16	66.0	16	55.0	16	46.0	15	32.0	16	25.0	16	21.0	16	16.0	19
1952	258.0	2	245.0	2	228.0	2	189.0	2	159.0	2	113.0	1	83.0	1	69.0	1	50.0	1
1953	48.0	22	45.0	22	42.0	21	36.0	20	29.0	22	25.0	21	22.0	20	19.0	20	18.0	16
1954	76.0	17	49.0	20	42.0	22	36.0	21	27.0	24	21.0	23	17.0	23	16.0	23	13.0	23
1955	47.0	23	45.0	23	36.0	23	29.0	25	22.0	25	15.0	25	12.0	27	11.0	26	9.2	26
1956	62.0	18	59.0	17	52.0	18	46.0	18	40.0	17	32.0	17	25.0	17	20.0	19	15.0	20
1957	160.0	9	150.0	8	140.0	8	119.0	7	105.0	5	90.0	3	67.0	3	54.0	3	39.0	3
1958	168.0	8	150.0	9	127.0	10	93.0	12	91.0	10	57.0	12	41.0	13	39.0	10	28.0	11
1959	58.0	19	58.0	18	57.0	17	50.0	17	34.0	19	21.0	24	17.0	24	14.0	24	13.0	24
1960	172.0	7	168.0	7	151.0	4	109.0	10	87.0	11	60.0	11	47.0	10	37.0	12	26.0	13
1961	231.0	3	212.0	3	188.0	3	145.0	3	103.0	8	68.0	8	51.0	8	40.0	8	29.0	8
1962	148.0	11	136.0	11	130.0	9	118.0	8	105.0	6	68.0	9	50.0	9	40.0	9	29.0	9
1963	38.0	26	33.0	26	28.0	26	22.0	26	18.0	26	14.0	26	12.0	25	11.0	27	9.1	27
1964	50.0	21	48.0	21	43.0	20	35.0	22	33.0	20	28.0	19	21.0	21	18.0	21	14.0	21
1965	185.0	5	175.0	5	147.0	6	137.0	4	122.0	3	89.0	4	65.0	4	52.0	4	37.0	4
1966	53.0	20	50.0	19	47.0	19	41.0	19	38.0	18	30.0	18	25.0	18	21.0	17	17.0	18
1967	40.0	25	36.0	25	34.0	25	30.0	24	28.0	23	25.0	20	23.0	19	20.0	18	18.0	17
1968	138.0	13	131.0	12	111.0	12	96.0	11	86.0	12	60.0	10	46.0	11	38.0	11	29.0	10
1969	88.0	14	86.0	14	74.0	14	72.0	13	63.0	13	51.0	13	42.0	12	35.0	13	27.0	12
1970	207.0	4	186.0	4	126.0	11	113.0	9	100.0	9	70.0	7	52.0	7	42.0	7	31.0	7
1971	149.0	10	127.0	13	97.0	13	66.0	14	46.0	16	34.0	15	28.0	15	25.0	15	20.0	15
1972	19.0	27	18.0	27	17.0	27	16.0	27	15.0	27	13.0	27	12.0	26	12.0	25	10.0	25
1973	178.0	6	169.0	6	149.0	5	136.0	5	113.0	4	77.0	5	59.0	5	47.0	5	34.0	5
1974	43.0	24	41.0	24	36.0	24	35.0	23	29.0	21	22.0	22	19.0	22	16.0	22	13.0	22
1975	145.0	12	143.0	10	140.0	7	123.0	6	103.0	7	72.0	6	54.0	6	44.0	6	32.0	6

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LA JARA CREEK AT GALLEGOS RANCH, NR CAPULIN, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1944	6.00	24	6.30	25	6.90	26	7.00	25	7.00	25	7.20	24	7.50	24	7.60	21	8.10	19
1950	4.50	11	4.50	10	4.50	9	4.50	10	4.50	8	4.70	5	5.40	8	6.90	18	12.00	27
1951	5.00	18	5.40	23	5.80	22	5.80	20	5.80	20	6.00	19	6.70	20	6.70	16	8.10	20
1952	2.20	1	2.80	2	3.70	4	4.10	5	4.60	10	4.70	6	5.00	5	5.20	5	5.40	5
1953	5.00	19	5.20	21	5.30	18	5.40	18	5.70	19	5.90	18	6.30	18	8.20	25	10.00	24
1954	4.50	12	4.50	11	4.50	10	4.50	6	4.50	9	4.70	7	5.40	9	6.10	13	8.20	21
1955	2.50	2	2.50	1	2.50	1	2.50	1	2.50	1	2.70	1	3.00	1	3.60	1	4.30	1
1956	3.20	4	3.60	5	3.70	5	3.90	4	4.00	4	4.20	4	4.20	4	4.40	4	4.80	4
1957	2.90	3	2.90	3	3.00	2	3.40	2	3.70	3	3.90	3	4.10	3	4.20	2	4.60	2
1958	5.00	20	5.00	16	5.00	14	5.00	12	5.00	11	5.50	13	5.80	15	6.10	14	8.90	22
1959	5.00	21	5.00	17	5.00	15	5.00	13	5.00	12	5.20	10	6.00	16	7.10	19	11.00	25
1960	3.90	6	4.30	6	4.50	6	4.50	7	4.50	5	4.80	8	5.10	6	5.60	7	7.90	17
1961	4.50	13	4.50	12	4.50	7	4.50	8	4.50	6	5.20	11	5.40	10	5.70	8	6.00	9
1962	4.50	14	4.60	13	4.80	12	5.00	14	5.50	16	6.70	21	7.20	22	7.60	22	7.60	15
1963	4.00	7	4.30	7	4.50	8	4.50	9	4.50	7	4.90	9	5.20	7	5.50	6	5.90	7
1964	3.50	5	3.50	4	3.50	3	3.50	3	3.50	2	3.50	2	4.00	2	4.20	3	4.70	3
1965	4.50	15	4.50	8	4.70	11	4.80	11	5.00	13	5.40	12	5.60	11	5.70	9	5.80	6
1966	5.00	22	5.20	22	6.40	24	6.80	24	6.80	24	7.30	25	7.60	25	7.70	23	7.90	18
1967	6.20	26	6.30	26	6.40	25	6.50	23	6.50	23	6.70	22	7.30	23	7.70	24	7.80	16
1968	6.00	25	6.00	24	6.00	23	6.00	21	6.00	21	6.20	20	6.50	19	6.80	17	7.40	13
1969	5.00	23	5.00	18	5.30	19	5.50	19	5.60	18	5.70	16	5.70	12	5.80	10	6.70	12
1970	6.50	27	7.00	27	7.30	27	7.70	27	9.60	27	10.00	27	11.00	27	12.00	27	12.00	26
1971	4.00	8	4.50	9	5.60	20	7.10	26	7.90	26	8.50	26	9.10	26	9.70	26	9.80	23
1972	4.50	9	5.00	19	5.60	21	6.00	22	6.40	22	6.90	23	6.90	21	7.40	20	7.60	14
1973	4.80	17	5.00	20	5.10	16	5.20	15	5.40	14	5.60	14	5.70	13	5.80	11	6.00	8
1974	4.70	16	4.90	15	5.10	17	5.30	17	5.50	17	5.60	15	5.80	14	6.00	12	6.40	10
1975	4.50	10	4.80	14	5.00	13	5.20	16	5.40	15	5.80	17	6.00	17	6.30	15	6.60	11

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
8.59	10.1	6.58	5.82	6.69	11.8	36.2	53.6	17.7	11.6	11.2	7.80
12.1	43.8	4.98	1.96	2.97	52.5	437	1953	114	34.6	34.8	8.71
3.48	6.62	2.23	1.40	1.72	7.25	20.9	44.2	10.7	5.88	5.90	2.95
1.82	1.96	1.45	1.15	0.33	2.59	1.00	1.24	0.88	0.78	1.14	1.29
0.41	0.65	0.34	0.24	0.26	0.62	0.58	0.82	0.60	0.51	0.53	0.38
4.58	5.40	3.51	3.10	3.56	6.28	19.3	28.6	9.45	6.20	5.95	4.16

08238000 LA JARA CREEK AT GALLEGOS RANCH, NEAR CAPULIN, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
0.91	0.94	0.80	0.75	0.81	1.02	1.49	1.59	1.18	1.01	0.99	0.87
0.02	0.05	0.02	0.01	0.01	0.04	0.07	0.13	0.07	0.05	0.05	0.02
0.15	0.22	0.14	0.10	0.12	0.20	0.26	0.36	0.26	0.22	0.22	0.15
0.59	1.09	-0.15	-0.27	-0.46	1.12	-0.15	0.08	0.23	0.16	0.28	0.38
0.17	0.23	0.18	0.14	0.14	0.20	0.17	0.23	0.22	0.21	0.22	0.18
7.33	7.63	6.45	6.10	6.56	8.25	12.0	12.9	9.52	8.20	8.05	7.01

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
15.7	33.2	5.76	0.38	0.37	-0.090

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.17	0.03	0.17	-0.30	0.14	-0.007

08240000 RIO GRANDE ABOVE MOUTH OF TRINCHERA CREEK, NEAR LASAUSES, COLO.

LOCATION.--Lat 37°18'58", long 105°44'32", in sec.35, T.36 N., R.11 E., Conejos County, on right bank 0.2 mi (0.3 km) upstream from Trinchera Creek, 3.2 mi (5.1 km) north of Lasauses, and 13 mi (21 km) southeast of Alamosa.

DRAINAGE AREA.--5,740 mi² (14,870 km²), approximately (includes 2,940 mi² or 7,610 km² in closed basin in northern part of San Luis Valley, Colo.).

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs, ground-water withdrawals and diversions for irrigation, and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE AB MOUTH TRINCHERA C NR LASAUSES, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1937													7	12	9	20	22	7	4	8	28	30	53	65	55	12	19	13	1						
1938																	16	56	19	11	16	20	58	41	43	17	12	11	13	18	10	4			
1939							3	17	10	23	6	4	3	2	3	15	19	8	3	6	12	11	13	70	36	29	47	16	9						
1940		1	3	14	39	17	10	5	3	4	3	2	5	10	14	47	34	18	7	8	14	60	29	11	8										
1941														22	16	6	2		9	19	27	26	107	12	24	22	3	4	6	10	21	15	5	9	
1942																		29	23	18	3	8	3	61	29	18	19	48	18	39	15	20	14		
1943													1	3	13	8	33	36	29	53	30	34	17	69	39										
1944																15	22	31	14	22	10	9	56	56	28	35	3	2	12	25	8	14	4		
1945															6	9	36	24	9	11	14	61	51	101	31	11	1								
1946							3	3	3	13	7	12	7		3	10	38	46	53	13	13	39	87	15											
1947																6	11	28	19	34	39	60	77	38	37	13	3								
1948																	31	22	16	15	12	16	20	66	47	22	28	21	10	10	3	1	11	15	
1949																	6	12	7	52	7	8	53	95	47	25	9	5	6	10	4	4	4	9	2
1950													2	12	26	17	13	14	18	52	41	32	12	62	58	6									
1951							4	27	31	2	28	13	3	8	9	19	17	37	28	20	9	39	71												
1952														2	25	21	1	5	4	18	33	94	70	33	10	14	13	11	2	5	4	1			
1953												2	1	8	10	34	31	23	14	34	39	29	18	56	66										
1954									12	25	30	34	14	10	5	13	30	32	28	20	11	33	49	19											
1955					1	1	2	6	4	23	22	9	23	20	17	42	45	25	23	16	16	68	2												
1956			5		30	13	8	5	14	7	5	5	17	10	13	38	23	21	33	24	12	45	38												
1957					6	1				1	7	11	12	5	5	11	77	61	19	19	5	5	21	16	15	20	22	9	4	8	2	3			
1958														7	11	22	19	21	13	15	18	9	16	75	72	19	5	7	7	16	6	5	2		
1959				1		12		2	17	17	21	17	13	28	18	20	6	27	14	12	10	34	77	19											
1960														6	16	29	16	26	20	38	14	55	76	22	25	17	5	1							
1961															2	24	24	41	48	49	53	94	27	2	1										
1962																	10	28	27	26	7	12	13	116	71	29	13	7	6						
1963						2	10	9	17	11	26	18	18	7	20	13	12	17	17	45	21	27	41	34											
1964					18	7	6	12	29	12	26	16	12	15	17	37	41	10	6	35	31	18	7	10	1										
1965											2	1	2	2	1	15	15	24	32	2	10	91	31	10	45	20	16	26	8	5	5	2			
1966															2	5	22	17	20	11	11	50	24	50	104	27	17	5							
1967														1	19	27	9	17	42	39	30	66	57	51	7										
1968																4	13	12	10	18	23	79	50	52	24	36	14	7	6	18					
1969																		5	6	18	39	55	72	78	56	25	5	4	2						
1970																		14	18	16	6	26	32	69	106	32	29	10	3	3	1				
1971																	2	10	29	43	42	45	38	31	52	66	5	2							
1972															6	7	8	29	24	17	33	68	69	39	38	23	5								
1973																			2	9	3	3	104	54	60	61	14	9	28	18					
1974													23	44	33	3	8	14	9	5	20	17	83	44	26	33	3								
1975														4	1	3		17	25	3	15	67	27	31	80	32	23	21	8	8					

08240000 RIO GRANDE ABOVE MOUTH OF TRINCHERA CREEK, NEAR LASAUSES, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE AB MOUTH TRINCHERA C NR LASAUSES, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	14244	100.0	12	9.4	163	13336	93.6	24	290	1341	3142	22.0
1	0.40	1	14244	100.0	13	13.0	238	13173	92.5	25	390	664	1801	12.6
2	0.50	8	14243	100.0	14	17.0	320	12935	90.8	26	520	333	1137	7.9
3	0.70	15	14235	99.9	15	22.0	540	12615	88.6	27	700	239	804	5.6
4	0.90	94	14220	99.8	16	30.0	712	12075	84.8	28	930	149	565	3.9
5	1.30	53	14126	99.2	17	40.0	864	11363	79.8	29	1200	193	416	2.9
6	1.70	46	14073	98.8	18	53.0	741	10499	73.7	30	1700	79	223	1.5
7	2.20	86	14027	98.5	19	70.0	874	9758	68.5	31	2200	69	144	1.0
8	3.00	140	13941	97.9	20	94.0	777	8884	62.4	32	2900	40	75	.5
9	4.00	138	13801	96.9	21	120.0	1543	8107	56.9	33	3900	33	35	.2
10	5.30	183	13663	95.9	22	170.0	1749	6564	46.1	34	5200	2	2	
11	7.10	144	13480	94.6	23	220.0	1673	4815	33.8					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE AB MOUTH TRINCHERA C NR LASAUSES, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1937	956.0	18	874.0	18	799.0	18	667.0	17	648.0	17	538.0	16	440.0	17	413.0	15	338.0	19
1938	2450.0	8	2220.0	8	1920.0	9	1860.0	7	1660.0	7	1190.0	7	1010.0	6	805.0	6	616.0	6
1939	1180.0	15	1170.0	15	1130.0	15	979.0	14	793.0	14	549.0	14	511.0	14	457.0	14	471.0	11
1940	345.0	29	340.0	29	329.0	29	293.0	29	247.0	31	209.0	31	188.0	32	171.0	34	127.0	36
1941	4680.0	3	4600.0	3	4460.0	3	3790.0	3	2820.0	3	2490.0	1	1850.0	3	1440.0	3	1040.0	3
1942	3770.0	4	3630.0	4	3480.0	4	3040.0	4	2820.0	4	2250.0	3	1860.0	1	1490.0	2	1070.0	2
1943	370.0	28	357.0	28	346.0	27	328.0	27	311.0	28	294.0	25	289.0	23	276.0	23	225.0	26
1944	3360.0	5	3240.0	5	2900.0	5	2580.0	5	2310.0	5	1830.0	5	1370.0	5	1140.0	4	838.0	4
1945	524.0	25	506.0	25	496.0	24	455.0	23	354.0	25	272.0	27	274.0	26	264.0	26	259.0	23
1946	274.0	34	270.0	32	264.0	32	236.0	34	216.0	33	190.0	34	183.0	35	185.0	31	159.0	30
1947	625.0	22	509.0	24	472.0	25	410.0	25	376.0	23	265.0	28	228.0	28	226.0	28	199.0	28
1948	5060.0	2	5000.0	2	4610.0	2	4280.0	2	3810.0	1	2370.0	2	1860.0	2	1520.0	1	1080.0	1
1949	5380.0	1	5250.0	1	4960.0	1	4340.0	1	3100.0	2	1900.0	4	1410.0	4	1120.0	5	833.0	5
1950	437.0	26	416.0	26	399.0	26	387.0	26	345.0	26	308.0	24	295.0	22	294.0	21	235.0	25
1951	212.0	38	207.0	37	203.0	36	201.0	36	201.0	36	198.0	33	186.0	34	172.0	33	133.0	33
1952	2290.0	9	2080.0	10	1860.0	10	1480.0	9	1040.0	11	755.0	13	571.0	13	486.0	13	377.0	15
1953	380.0	27	368.0	27	330.0	28	327.0	28	321.0	27	309.0	23	301.0	21	294.0	22	239.0	24
1954	255.0	36	250.0	35	239.0	35	229.0	35	207.0	34	185.0	35	190.0	30	170.0	35	131.0	34
1955	172.0	39	169.0	39	162.0	39	154.0	39	144.0	39	136.0	39	127.0	39	111.0	39	86.0	39
1956	214.0	37	207.0	38	194.0	38	180.0	37	170.0	38	161.0	36	156.0	36	134.0	37	102.0	37
1957	2800.0	7	2540.0	7	1970.0	8	1310.0	11	892.0	13	814.0	11	682.0	11	577.0	11	397.0	13
1958	2970.0	6	2910.0	6	2670.0	6	2160.0	6	1770.0	6	1240.0	6	916.0	7	766.0	7	588.0	8
1959	275.0	33	268.0	33	255.0	34	243.0	33	220.0	32	201.0	32	187.0	33	186.0	30	149.0	32
1960	865.0	19	721.0	21	615.0	21	451.0	24	370.0	24	291.0	26	251.0	27	231.0	27	218.0	27
1961	294.0	31	240.0	36	201.0	37	179.0	38	172.0	37	152.0	38	145.0	37	140.0	36	128.0	35
1962	1140.0	16	1110.0	16	953.0	16	714.0	16	697.0	15	528.0	17	462.0	16	409.0	16	371.0	16
1963	260.0	35	260.0	34	260.0	33	260.0	31	257.0	30	229.0	30	188.0	31	175.0	32	153.0	31
1964	291.0	32	283.0	31	277.0	31	248.0	32	203.0	35	160.0	37	138.0	38	119.0	38	89.0	38
1965	2260.0	10	2210.0	9	2080.0	7	1640.0	8	1240.0	9	904.0	9	743.0	9	622.0	9	489.0	10
1966	852.0	21	820.0	19	720.0	19	544.0	19	519.0	19	413.0	19	368.0	18	359.0	18	339.0	18
1967	340.0	30	325.0	30	295.0	30	286.0	30	278.0	29	235.0	29	206.0	29	210.0	29	175.0	29
1968	1580.0	13	1540.0	13	1470.0	12	1340.0	10	1040.0	10	789.0	12	635.0	12	530.0	12	446.0	12
1969	1100.0	17	1010.0	17	860.0	17	657.0	18	534.0	18	400.0	20	359.0	19	348.0	19	316.0	20
1970	1730.0	11	1600.0	11	1190.0	14	918.0	15	653.0	16	548.0	15	466.0	15	406.0	17	383.0	14
1971	865.0	20	784.0	20	682.0	20	539.0	20	467.0	20	414.0	18	353.0	20	339.0	20	347.0	17
1972	603.0	23	558.0	22	526.0	22	475.0	22	416.0	22	317.0	22	287.0	24	272.0	24	277.0	22
1973	1680.0	12	1570.0	12	1480.0	11	1280.0	12	1270.0	8	1080.0	8	892.0	8	753.0	8	606.0	7
1974	537.0	24	525.0	23	503.0	23	489.0	21	439.0	21	320.0	21	287.0	25	265.0	25	282.0	21
1975	1440.0	14	1420.0	14	1340.0	13	1110.0	13	969.0	12	814.0	10	693.0	10	613.0	10	505.0	9

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE AB MOUTH TRINCHERA C NR LASAUSES, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1938	11.00	14	11.00	14	12.00	13	13.00	12	17.00	12	24.00	12	27.00	12	32.00	12	77.00	18
1939	39.00	30	40.00	30	41.00	29	45.00	28	47.00	26	70.00	27	126.00	33	227.00	35	318.00	37
1940	2.00	9	2.10	9	2.40	8	2.90	7	3.80	7	3.90	5	11.00	8	16.00	9	27.00	9
1941	0.41	1	0.50	1	0.73	2	0.91	2	1.00	2	1.20	2	1.40	1	5.00	2	12.00	2
1942	64.00	34	65.00	33	68.00	33	74.00	33	91.00	35	120.00	35	261.00	37	389.00	38	555.00	38
1943	40.00	31	41.00	31	43.00	32	45.00	29	50.00	28	56.00	26	57.00	23	64.00	22	123.00	26
1944	11.00	15	15.00	18	17.00	19	19.00	19	23.00	17	33.00	18	36.00	17	41.00	16	57.00	14
1945	22.00	24	22.00	24	23.00	23	25.00	22	29.00	21	35.00	19	48.00	20	76.00	26	138.00	27
1946	17.00	20	17.00	19	21.00	21	27.00	23	28.00	20	35.00	20	44.00	18	59.00	21	99.00	22
1947	1.80	7	1.90	8	2.50	9	3.60	8	5.30	9	10.00	10	19.00	11	24.00	11	33.00	11
1948	33.00	27	38.00	28	38.00	26	44.00	27	65.00	31	93.00	33	115.00	30	128.00	30	166.00	29
1949	30.00	25	30.00	25	31.00	25	31.00	25	34.00	23	38.00	21	45.00	19	53.00	19	119.00	25
1950	70.00	35	71.00	35	73.00	34	75.00	34	78.00	33	84.00	32	100.00	28	136.00	31	184.00	31

08240000 RIO GRANDE ABOVE MOUTH OF TRINCHERA CREEK, NEAR LASAUSES, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE AB MOUTH TRINCHERA C NR LASAUSES, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1951	12.00	16	13.00	15	15.00	16	16.00	13	20.00	13	25.00	14	30.00	15	34.00	15	56.00	13
1952	1.80	8	1.80	7	2.10	6	2.20	6	2.30	4	2.90	4	4.60	4	6.10	3	12.00	3
1953	70.00	36	71.00	36	73.00	35	77.00	35	87.00	34	103.00	34	118.00	31	119.00	28	166.00	30
1954	9.00	12	9.70	12	13.00	14	18.00	15	27.00	19	29.00	16	29.00	14	33.00	13	49.00	12
1955	3.00	10	3.20	10	3.40	10	4.10	9	4.40	8	6.30	8	7.10	7	8.30	6	16.00	5
1956	1.20	5	1.60	4	2.30	7	4.20	10	6.10	10	10.00	9	14.00	9	14.00	8	16.00	6
1957	0.61	2	0.60	2	0.69	1	0.79	1	0.85	1	1.10	1	2.20	2	4.30	1	16.00	7
1958	7.00	11	7.50	11	11.00	11	18.00	16	20.00	14	73.00	28	199.00	35	228.00	36	240.00	32
1959	13.00	17	13.00	16	15.00	15	18.00	17	24.00	18	26.00	15	28.00	13	34.00	14	68.00	16
1960	0.81	3	1.60	5	1.60	4	1.90	4	3.30	6	4.50	7	6.10	6	9.30	7	21.00	8
1961	13.00	18	14.00	17	16.00	17	17.00	14	20.00	15	24.00	13	35.00	16	44.00	17	63.00	15
1962	17.00	21	19.00	22	26.00	24	30.00	24	38.00	25	45.00	23	50.00	22	52.00	18	69.00	17
1963	35.00	28	37.00	26	40.00	27	44.00	26	49.00	27	54.00	24	59.00	24	70.00	24	93.00	21
1964	1.50	6	1.60	6	1.70	5	1.90	5	2.40	5	4.40	6	5.40	5	7.40	5	12.00	4
1965	0.90	4	0.97	3	0.99	3	0.99	3	1.30	3	2.30	3	3.60	3	6.70	4	9.40	1
1966	47.00	33	70.00	34	97.00	37	116.00	37	138.00	37	268.00	38	279.00	38	282.00	37	305.00	36
1967	18.00	22	19.00	23	21.00	22	23.00	20	35.00	24	42.00	22	49.00	21	58.00	20	105.00	23
1968	16.00	19	17.00	20	17.00	18	19.00	18	21.00	16	31.00	17	71.00	26	72.00	25	82.00	19
1969	37.00	29	38.00	29	41.00	28	46.00	30	57.00	29	83.00	29	113.00	29	128.00	29	164.00	28
1970	81.00	37	85.00	37	90.00	36	94.00	36	113.00	36	131.00	36	150.00	34	210.00	33	251.00	34
1971	41.00	32	42.00	32	42.00	30	47.00	31	57.00	30	83.00	30	118.00	32	173.00	32	255.00	35
1972	33.00	26	37.00	27	43.00	31	52.00	32	67.00	32	83.00	31	91.00	27	93.00	27	105.00	24
1973	18.00	23	19.00	21	20.00	20	23.00	21	32.00	22	54.00	25	59.00	25	66.00	23	88.00	20
1974	166.00	38	169.00	38	182.00	38	188.00	38	193.00	38	198.00	37	207.00	36	221.00	34	248.00	33
1975	10.00	13	10.00	13	11.00	12	12.00	11	13.00	11	15.00	11	15.00	10	17.00	10	32.00	10

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
136	215	219	190	224	275	238	406	610	209	93.4	95.0
42170	35170	14270	3685	4283	15220	62060	301200	677300	88260	15390	13500
205	188	119	60.7	65.4	123	249	549	823	297	124	116
3.30	2.26	1.71	-0.08	0.13	0.30	2.61	1.76	1.59	1.88	2.25	2.33
1.51	0.87	0.54	0.32	0.29	0.45	1.04	1.35	1.35	1.42	1.33	1.22
4.68	7.40	7.53	6.52	7.69	9.45	8.19	13.9	20.9	7.18	3.21	3.26

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.86	2.19	2.28	2.25	2.33	2.39	2.19	2.15	2.26	1.78	1.63	1.68
0.21	0.14	0.07	0.03	0.02	0.06	0.18	0.53	0.66	0.67	0.36	0.33
0.46	0.38	0.26	0.17	0.15	0.24	0.43	0.73	0.81	0.82	0.60	0.58
0.63	-0.18	-0.93	-1.78	-1.30	-1.17	-0.11	-0.19	-0.39	-0.34	-0.39	-0.79
0.25	0.17	0.11	0.08	0.06	0.10	0.20	0.34	0.36	0.46	0.37	0.34
7.44	8.75	9.11	9.01	9.32	9.55	8.75	8.60	9.06	7.14	6.53	6.74

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
242	29270	171	1.34	0.71	0.159

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.28	0.10	0.31	-0.13	0.14	0.159

08240500 TRINCHERA CREEK ABOVE TURNERS RANCH, NEAR FORT GARLAND, COLO.

LOCATION.--Lat 37°22'29", long 105°17'40", Costilla County, in Sangre de Cristo Grant, on right bank 0.9 mi (1.4 km) downstream from North Fork, 1.0 mi (1.6 km) upstream from Turners Ranch, and 8.3 mi (13.4 km) southeast of Fort Garland.

DRAINAGE AREA.--45 mi^2 (117 km^2), approximately.

REMARKS.--No regulation or diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TRINCHERA C AB TURNERS RANCH, NR FT GARLAND, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1928				29	32		32	40			1	55	35	29	13	12	15	8	10	8	6	11	5	7	2	4	3	1	3	1	4				
1935					62	58	10	20	36	9	19	27	15	17		8	12	14	9	7	3	3	3	2	7	9	4	7	4						
1936									61	100	10	45	11	26	9	22	14	23	10	9	6	9	10	1											
1937								31	28	77	18	45	14	37	9	6	5	3	6	10	9	11	15	9	2	3	7	13	3	4					
1938						28	62	59	1	17	13	19	20	21	12	14	7	7	10	15	8	4	5	4	4	10	15	3	6	1					
1939						1	1	62	8	74	6	74	26	20	6	14	3	7	6	7	5	10	35												
1940						62	29	30	6	35	43	42	13	18	8	6	9	11	7	7	4	12	19	5											
1941								28	69	88	10	35	5	9	8	9	6	8	9	6	4	3	6	4	3	8	10	25	6	2	2		2		
1942								59	37	31	4	29	19	18	30	20	11	9	17	10	3	8	3	4	2	3	3	4	12	7	6	9	4	2	1
1943		1		2			2	82	45	26	64	17	31	20	14	4	6	16	21	14															
1944					60	62			29	13	67	11	21	1	11	3	7	8	3	5	9	5	4	6	4	2	7	11	4	5	6	1	1		
1945						28	31	62	2	42	23	20	10	18	8	24	17	13	4	4	3	9	11	14	12	9	1								
1946								28	80	64	35	58	13	15	7	20	14	20	11																
1947						31	31	56	34	25	10	22	10	8	7	14	14	10	7	11	5	3	6	3	6	4	24	7	7	3		3	2	1	1
1948							31	67	52	39	10	33	17	11	7	7	12	5	12	7	13	7	4	4	5	11	12								
1949							1	128	54	12	15	15	7	13	1	8	6	6	5	12	13	17	15	13	11	5	5	3							
1950				14	23	12	10	79	58	48	50	51	16	4																					
1951				14	73	65	77	18	10	24	9	11	10	14	16	3	10	3	6	2															
1952					6	17	55	88	32	13	10	22	7	11	13	9	8	4	4	6	3	9	6	9	9	7	4	5	6	3					
1953						7	44	123	41	16	7	27	21	17	8	8	8	3	3	3	3	13	5	8											
1954						10	41	152	21	15	6	17	12	17	7	15	11	8	11	18	4														
1955					55	2	29	38	57	11	5	7	2	5	14	13	22	23	18	17	4	4	1	4	5	12	11	6							
1956					1	21	10	17	35	33	36	116	37	16	3	10	27	4																	
1957						5	122	48	14	4	1	1	7	18	10	12	16	12	8	23	12	7	2	4	4	7	3	5	5	10	5				
1958								1	78	63	28	35	50	13	10	6	4	15	9	5	6	2	7	4	8	12	8	1							
1959						1	2	69	37	63	38	43	16	17	7	8	9	8	5	6	7	19	10												
1960						10		41	66	62	21	35	15	10	3	5	19	16	8	8	6	15	25	1											
1961							28	49	69	35	11	21	27	32	6	8	9	10	8	7	12	6	8	6	13										
1962							8	12	82	101	10	34	11	12	6	5	7	10	6	9	10	12	15	6	6	3									
1963				1	17	52	121	44	43	33	16	33	4	1																					
1964			2	8	35	65	68	22	20	33	10	19	13	16	13	5	7	15	5	5	4	1													
1965						5	24	97	67	6		12	19	14	12	14	16	8	18	7	4	20	13	8	1										
1966						18	52	36	19	44	26	75	18	10	6	8	15	12	19	6	1														
1967					1		52	110	43	52	38	36	5	21	7																				
1968					31	29	47	22	42	24	2	26	15	14	7	10	13	20	19	7	5	5	6	15	4	3									
1969							13	97	14	14	32	36	12	15	21	15	31	9	8	7	5	21	4	11											
1970						7	7	23	16	43	25	77	42	29	9	12	9	11	5	8	9	8	3	6	8	8									
1971		1	2	11	11	20	32	35	33	70	26	36	23	18	6	12	13	16																	
1972				1	5	26	60	71	27	68	14	14	14	31	13	21	1																		
1973					1	46	83	50	13	6	9	22	8	15	7	7	14	6	6	6	3	2	5	2	6	6	9	8	14	4	3	4			
1974						4	22	85	65	57	26	35	6	19	9	11	20	6																	
1975				1	13	54	86	38	6	10	20	19	10	14	7	9	11	4	6	6	8	15	14	8	6										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	15341	100.0	12	16.0	656	5109	33.3	24	94	126	642	4.1
1	3.00	2	15341	100.0	13	18.0	688	4453	29.0	25	110	131	516	3.3
2	3.50	4	15339	100.0	14	21.0	352	3765	24.5	26	130	130	385	2.5
3	4.00	81	15335	100.0	15	24.0	423	3413	22.2	27	150	92	255	1.6
4	4.70	426	15254	99.4	16	28.0	469	2990	19.5	28	170	71	163	1.0
5	5.50	748	14828	96.7	17	33.0	391	2521	16.4	29	200	41	92	.5
6	6.30	1403	14080	91.8	18	38.0	314	2130	13.9	30	230	21	51	.3
7	7.40	2209	12677	82.6	19	44.0	278	1816	11.8	31	270	17	30	.1
8	8.60	1515	10468	68.2	20	52.0	193	1538	10.0	32	310	8	13	
9	9.90	1692	8953	58.4	21	60.0	270	1345	8.8	33	360	3	5	
10	12.00	721	7261	47.3	22	70.0	267	1075	7.0	34	420	2	2	
11	13.00	1431	6540	42.6	23	81.0	166	808	5.3					

08240500 TRINCHERA CREEK ABOVE TURNERS RANCH, NEAR FORT GARLAND, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TRINCHERA C AB TURNERS RANCH, NR FT GARLAND, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1928	261.0	6	252.0	5	229.0	6	183.0	7	134.0	12	95.0	11	74.0	12	61.0	12	46.0	12
1935	174.0	11	174.0	11	169.0	11	158.0	11	135.0	11	94.0	12	72.0	14	59.0	15	43.0	15
1936	81.0	27	80.0	27	77.0	27	73.0	28	64.0	29	49.0	29	40.0	28	37.0	28	31.0	27
1937	216.0	8	208.0	8	199.0	8	178.0	8	162.0	7	120.0	7	98.0	6	80.0	6	57.0	6
1938	200.0	10	196.0	10	185.0	10	163.0	10	146.0	8	112.0	8	90.0	8	74.0	8	55.0	7
1939	77.0	29	77.0	29	77.0	28	74.0	27	74.0	24	66.0	22	53.0	24	45.0	24	34.0	24
1940	92.0	23	91.0	23	86.0	24	79.0	25	76.0	22	62.0	24	50.0	26	42.0	26	32.0	26
1941	320.0	3	292.0	3	247.0	4	188.0	5	176.0	5	159.0	4	124.0	3	100.0	3	70.0	3
1942	428.0	1	402.0	1	355.0	1	323.0	1	271.0	1	207.0	1	155.0	1	124.0	1	87.0	1
1943	43.0	34	42.0	34	42.0	33	41.0	33	38.0	33	34.0	32	28.0	32	25.0	32	20.0	32
1944	274.0	5	251.0	6	202.0	7	188.0	6	170.0	6	125.0	6	94.0	7	75.0	7	53.0	8
1945	135.0	16	127.0	16	119.0	16	114.0	16	106.0	16	89.0	16	70.0	15	60.0	13	45.0	13
1946	42.0	35	42.0	35	41.0	35	39.0	34	37.0	34	32.0	33	28.0	33	25.0	33	20.0	33
1947	420.0	2	381.0	2	334.0	2	252.0	2	200.0	2	164.0	2	128.0	2	104.0	2	74.0	2
1948	143.0	15	142.0	15	140.0	15	134.0	13	122.0	13	91.0	14	73.0	13	60.0	14	43.0	14
1949	166.0	12	161.0	12	149.0	13	132.0	15	113.0	15	94.0	13	81.0	10	69.0	9	50.0	10
1950	18.0	41	18.0	41	17.0	41	16.0	41	15.0	41	15.0	41	14.0	41	13.0	41	12.0	41
1951	46.0	33	44.0	33	42.0	34	37.0	35	31.0	36	25.0	38	21.0	38	18.0	39	14.0	39
1952	205.0	9	203.0	9	191.0	9	176.0	9	143.0	9	111.0	9	86.0	9	69.0	10	50.0	11
1953	92.0	24	91.0	24	87.0	22	81.0	23	71.0	27	51.0	28	40.0	29	34.0	29	25.0	29
1954	55.0	31	53.0	31	52.0	31	49.0	30	46.0	30	39.0	30	33.0	30	28.0	30	22.0	30
1955	164.0	13	159.0	13	150.0	12	148.0	12	135.0	10	98.0	10	77.0	11	68.0	11	51.0	9
1956	33.0	38	33.0	38	32.0	38	31.0	38	30.0	37	26.0	37	22.0	37	19.0	37	17.0	36
1957	253.0	7	249.0	7	239.0	5	224.0	4	191.0	4	134.0	5	106.0	5	88.0	5	64.0	5
1958	154.0	14	149.0	14	143.0	14	133.0	14	120.0	14	89.0	15	70.0	16	57.0	16	42.0	16
1959	80.0	28	79.0	28	75.0	29	68.0	29	67.0	28	55.0	27	44.0	27	37.0	27	29.0	28
1960	85.0	26	82.0	26	79.0	26	75.0	26	72.0	26	62.0	25	54.0	23	46.0	22	34.0	25
1961	104.0	20	103.0	20	101.0	20	98.0	18	86.0	19	68.0	20	55.0	20	46.0	23	35.0	21
1962	115.0	19	112.0	19	107.0	18	97.0	19	84.0	20	71.0	17	58.0	17	48.0	17	35.0	22
1963	18.0	42	17.0	42	16.0	42	14.0	42	13.0	42	13.0	42	12.0	42	11.0	42	9.5	42
1964	60.0	30	58.0	30	54.0	30	48.0	31	41.0	32	32.0	34	27.0	34	23.0	34	19.0	34
1965	95.0	22	93.0	22	87.0	23	82.0	22	74.0	23	64.0	23	54.0	21	47.0	20	36.0	18
1966	53.0	32	51.0	32	47.0	32	42.0	32	42.0	31	36.0	31	30.0	31	26.0	31	21.0	31
1967	23.0	40	22.0	40	21.0	40	21.0	40	19.0	40	16.0	40	15.0	40	14.0	40	13.0	40
1968	116.0	18	114.0	18	106.0	19	97.0	20	88.0	18	66.0	21	54.0	22	48.0	18	37.0	17
1969	87.0	25	86.0	25	84.0	25	80.0	24	73.0	25	61.0	26	51.0	25	44.0	25	35.0	19
1970	119.0	17	118.0	17	116.0	17	109.0	17	93.0	17	70.0	18	56.0	18	47.0	19	35.0	20
1971	37.0	36	36.0	36	36.0	36	35.0	36	32.0	35	27.0	35	24.0	35	21.0	35	18.0	35
1972	28.0	39	27.0	39	26.0	39	26.0	39	25.0	39	22.0	39	20.0	39	18.0	38	15.0	38
1973	282.0	4	277.0	4	265.0	3	226.0	3	197.0	3	160.0	3	121.0	4	97.0	4	68.0	4
1974	34.0	37	34.0	37	33.0	37	32.0	37	30.0	38	26.0	36	22.0	36	19.0	36	16.0	37
1975	101.0	21	100.0	21	96.0	21	89.0	21	80.0	21	69.0	19	56.0	19	46.0	21	34.0	23

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TRINCHERA C AB TURNERS RANCH, NR FT GARLAND, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1928	4.00	4	4.00	4	4.00	2	4.00	1	4.00	1	4.50	1	5.30	1	6.00	4	8.60	24
1935	5.00	11	5.00	10	5.00	7	5.00	5	5.00	5	5.00	2	5.30	2	5.50	1	6.50	4
1936	9.00	42	9.00	42	9.00	42	9.00	41	9.00	41	9.00	41	9.30	39	9.50	38	10.00	35
1937	8.00	36	8.00	36	8.00	35	8.00	35	8.00	32	8.50	36	9.00	37	9.30	37	12.00	39
1938	6.00	23	6.00	22	6.00	21	6.00	17	6.10	17	6.50	15	6.70	15	7.00	16	8.10	15
1939	8.00	37	8.00	37	8.00	36	8.00	36	8.00	33	8.00	30	8.70	35	9.00	35	11.00	36
1940	6.00	24	6.00	23	6.00	22	6.00	18	6.00	13	6.00	11	6.30	10	6.70	9	8.10	16
1941	8.00	38	8.00	38	8.00	37	8.00	37	8.10	37	8.50	37	8.70	36	9.00	36	9.80	32
1942	8.00	39	8.00	39	8.00	38	8.00	38	8.00	34	8.00	31	8.30	30	8.70	32	13.00	41
1943	3.00	1	3.80	2	5.50	13	7.00	27	7.00	24	7.00	20	7.20	20	7.50	19	8.50	22
1944	5.00	12	5.00	11	5.00	8	5.00	6	5.00	6	5.00	3	5.30	3	5.50	2	6.90	5
1945	6.00	25	6.00	24	6.00	23	6.00	19	6.10	14	6.60	16	7.00	18	7.30	17	8.60	23
1946	7.50	35	7.50	35	7.50	31	7.50	30	7.60	29	8.30	35	8.50	33	8.90	34	10.00	33
1947	5.50	18	5.50	16	5.50	14	5.50	13	5.50	12	6.00	12	6.50	13	6.90	14	8.10	17
1948	6.50	29	6.50	28	6.50	25	6.50	23	6.50	20	7.00	21	7.50	22	7.90	25	9.20	26
1949	6.50	30	7.30	32	7.50	32	7.50	31	7.50	27	7.50	23	7.70	23	7.70	21	8.10	18
1950	6.70	31	7.30	33	7.60	33	7.70	33	8.00	35	8.20	32	8.40	31	8.50	30	9.40	29
1951	4.00	5	4.10	5	4.20	3	4.60	2	4.80	2	5.50	7	5.80	5	6.00	5	6.00	1
1952	4.60	8	4.90	8	5.00	9	5.20	9	5.30	9	5.70	8	6.30	11	6.70	10	6.90	6
1953	6.00	26	6.30	26	7.10	30	7.20	28	7.30	26	7.60	26	7.90	26	7.90	26	8.30	21
1954	5.70	20	5.80	20	5.90	19	6.20	20	6.60	21	7.50	24	7.70	24	7.70	22	7.70	13
1955	5.20	13	5.20	12	5.20	11	5.20	10	5.20	7	5.40	5	6.00	8	6.70	11	7.10	9
1956	7.00	32	7.50	34	8.90	40	9.20	42	10.00	42	11.00	42	12.00	42	13.00	42	13.00	42
1957	5.40	16	5.70	17	5.70	15	5.80	14	6.10	15	6.40	14	6.90	16	7.00	15	6.90	7
1958	8.20	40	8.50	40	8.60	39	8.70	39	8.80	39	8.90	39	9.20	38	9.60	39	12.00	40
1959	6.00	27	7.10	31	7.80	34	7.90	34	8.00	36	8.20	33	8.60	34	8.80	33	9.40	30
1960	6.00	28	6.00	21	6.00	20	6.60	24	7.90	30	8.20	34	8.40	32	8.70	31	10.00	34

08240500 TRINCHERA CREEK ABOVE TURNERS RANCH, NEAR FORT GARLAND, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TRINCHERA C AB TURNERS RANCH, NR FT GARLAND, CO.

YEAR	1	3	7	14	30	60	90	120	183
1961	7.00 33	7.00 29	7.00 27	7.00 25	7.00 25	7.60 25	8.00 28	8.20 28	8.90 25
1962	9.00 41	9.00 41	9.00 41	9.00 40	9.00 40	9.00 40	9.60 41	9.70 40	11.00 37
1963	5.20 14	5.30 13	5.40 12	5.40 11	5.50 10	6.00 13	6.40 12	6.60 8	7.30 10
1964	3.90 3	3.90 3	4.30 4	4.60 3	4.90 3	5.10 4	5.40 4	5.60 3	6.00 2
1965	5.60 19	5.70 18	6.10 24	6.50 21	6.80 22	7.70 27	7.90 27	7.80 23	8.10 14
1966	5.80 21	5.80 19	5.80 17	5.90 15	6.30 18	6.60 17	7.20 19	7.90 24	9.30 27
1967	5.00 9	6.50 27	7.00 28	7.00 26	7.00 23	7.20 22	7.30 21	7.50 20	7.50 12
1968	5.00 10	5.00 9	5.00 5	5.00 7	5.00 4	5.50 6	5.90 6	6.30 7	7.30 11
1969	7.00 34	7.10 30	7.10 29	7.20 29	7.60 28	7.80 28	7.80 25	8.00 27	9.40 31
1970	5.50 17	5.50 14	5.80 18	6.50 22	8.30 38	8.80 38	9.40 40	11.00 41	12.00 38
1971	3.40 2	3.50 1	3.90 1	4.60 4	5.30 8	5.70 9	6.20 9	6.80 12	8.20 19
1972	4.50 6	4.80 6	5.10 10	5.40 12	6.10 16	6.60 18	6.90 17	7.30 18	8.30 20
1973	5.40 15	5.50 15	5.70 16	5.90 16	6.30 19	6.60 19	6.70 14	6.80 13	7.00 8
1974	6.00 22	6.10 25	6.60 26	7.60 32	7.90 31	7.90 29	8.10 29	8.40 29	9.30 28
1975	4.50 7	4.80 7	5.00 6	5.10 8	5.50 11	5.80 10	6.00 7	6.20 6	6.50 3

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
11.4	9.67	8.16	7.33	7.46	8.92	18.9	67.7	75.0	28.3	17.6	12.2
11.9	5.78	3.79	3.17	1.83	3.04	54.3	1963	2632	256	64.6	19.9
3.45	2.40	1.95	1.78	1.35	1.74	7.37	44.3	51.3	16.0	8.04	4.46
1.04	0.87	0.83	1.72	0.15	0.87	1.05	1.35	0.90	0.97	0.94	0.85
0.30	0.25	0.24	0.24	0.18	0.20	0.39	0.65	0.68	0.56	0.46	0.36
4.19	3.55	2.99	2.69	2.74	3.27	6.92	24.8	27.5	10.4	6.45	4.48

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.04	0.97	0.90	0.85	0.87	0.94	1.25	1.74	1.76	1.38	1.20	1.06
0.02	0.01	0.01	0.01	0.01	0.01	0.03	0.09	0.11	0.06	0.04	0.03
0.13	0.10	0.10	0.10	0.08	0.08	0.16	0.29	0.33	0.25	0.20	0.16
0.21	0.23	0.12	0.40	-0.64	-0.01	0.38	-0.31	-0.37	-0.11	-0.11	-0.16
0.12	0.11	0.11	0.11	0.09	0.09	0.13	0.17	0.19	0.18	0.16	0.15
7.44	6.96	6.44	6.11	6.20	6.75	8.92	12.5	12.6	9.91	8.60	7.58

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
22.8	91.6	9.57	0.71	0.42	0.018

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.32	0.04	0.19	-0.22	0.14	0.029

08241000 TRINCHERA CREEK ABOVE MOUNTAIN HOME RESERVOIR, NEAR FORT GARLAND, COLO.

LOCATION.--Lat 37°23'41", long 105°22'07", in sec.31, T.30 S., R.71 W. (projected), Costilla County, in Sangre de Cristo Grant, on right bank 1.5 mi (2.4 km) upstream from Mountain Home Reservoir Dam and 4.2 mi (6.8 km) southeast of Fort Garland.

DRAINAGE AREA.--61 mi^2 (158 km^2).

REMARKS.--Diversions above station for irrigation.

08241000 TRINCHERA CREEK ABOVE MOUNTAIN HOME RESERVOIR, NEAR FORT GARLAND, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TRINCHERA C AB MTN HOME RE, NR FORT GARLAND, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1936														33	30	97	9	66	55	31	12	6	13	14											
1937																92	66	46	61	8	3	10	11	10	11	13	13	20	1						
1938														28	62	55	35	44	27	24	13	12	10	12	11	13	14	5							
1939															5	128	107	29	21	17	5	15	22	14	2										
1940														122	16	42	57	42	13	14	21	30	9												
1941														2	68	123	47	18	7	17	8	6	3	5	6	4	17	25	3	4	2				
1942																121	39	22	27	43	13	8	7	14	14	5	7	19	13	8	5				
1943														1	18	195	59	43	30	15	4														
1944													60	121	43	32	13	12	4	8	8	6	11	9	3	4	14	8	8	2					
1945														43	103	42	29	18	25	30	10	6	7	17	22	8	5								
1946											4	11	18	22	97	105	52	20	19	17															
1947						1							33	52	56	38	30	40	15	4	10	12	7	8	9	12	24	2	4	4	4				
1948									10	1	2	4	5	37	101	11	70	34	8	9	13	8	17	8	3	6	19								
1949														4	135	51	40	14	8	8	17	31	19	11	14	9	4								
1950		39	2	10	6	1		1	2	1	1	14	14	22	118	81	47	6																	
1951		75	4		24	10	21	51	47	6	5	9	7	23	17	25	12	11	6	10	2														
1952		25						1		1	19	45	91	20	17	9	21	15	14	14	6	9	8	19	11	10	9	2							
1953					4	2	6	2	2	12	10	26	57	103	22	19	22	23	13	4	9	6	9	8	6										
1954						1	3	9	15	11	18	24	37	111	44	17	17	22	7	5	22	2													
1955								1	9	9	33	101	52	6	1	4	15	16	13	13	22	22	7	6	17	18									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	7305	100.0	12	3.3	374	6554	89.7	24	67	129	496	6.7
1	0.10	139	7305	100.0	13	4.3	750	6180	84.6	25	86	102	367	5.0
2	0.20	6	7166	98.1	14	5.5	953	5430	74.3	26	110	126	265	3.6
3	0.30	10	7160	98.0	15	7.0	1287	4477	61.3	27	140	81	139	1.9
4	0.40	34	7150	97.9	16	9.0	787	3190	43.7	28	180	29	58	.7
5	0.60	15	7116	97.4	17	12.0	541	2403	32.9	29	230	18	29	.3
6	0.70	30	7101	97.2	18	15.0	373	1862	25.5	30	300	11	11	.1
7	0.90	65	7071	96.8	19	19.0	291	1489	20.4	31	390			
8	1.20	85	7006	95.9	20	25.0	198	1198	16.4	32				
9	1.60	41	6921	94.7	21	32.0	189	1000	13.7	33				
10	2.00	92	6880	94.2	22	41.0	160	811	11.1	34				
11	2.60	234	6788	92.9	23	52.0	155	651	8.9					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TRINCHERA C AB MTN HOME RE, NR FORT GARLAND, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1936	63.0	14	63.0	14	59.0	14	55.0	14	46.0	14	33.0	15	28.0	15	26.0	13	22.0	13
1937	189.0	5	177.0	5	167.0	5	147.0	5	145.0	5	118.0	4	93.0	4	74.0	4	53.0	4
1938	158.0	6	150.0	6	143.0	6	132.0	6	118.0	6	91.0	6	72.0	6	59.0	6	44.0	6
1939	70.0	13	68.0	13	66.0	13	58.0	13	53.0	12	45.0	12	36.0	12	30.0	12	23.0	12
1940	48.0	15	47.0	15	44.0	15	41.0	15	38.0	15	34.0	14	29.0	13	25.0	14	20.0	14
1941	320.0	3	310.0	3	276.0	3	208.0	3	183.0	2	153.0	2	114.0	2	89.0	2	62.0	2
1942	346.0	2	329.0	2	308.0	2	272.0	1	226.0	1	182.0	1	143.0	1	113.0	1	79.0	1
1943	26.0	17	26.0	17	25.0	17	23.0	17	20.0	17	18.0	17	15.0	17	14.0	17	12.0	16
1944	246.0	4	228.0	4	184.0	4	178.0	4	165.0	4	114.0	5	84.0	5	66.0	5	45.0	5
1945	130.0	10	122.0	10	113.0	10	101.0	10	89.0	10	73.0	9	57.0	9	48.0	9	35.0	8
1946	23.0	19	23.0	19	21.0	19	19.0	19	19.0	18	16.0	18	14.0	18	13.0	18	10.0	17
1947	388.0	1	366.0	1	314.0	1	245.0	2	182.0	3	141.0	3	108.0	3	85.0	3	60.0	3
1948	136.0	8	132.0	8	129.0	8	125.0	7	110.0	7	78.0	7	60.0	7	48.0	10	34.0	9
1949	134.0	9	129.0	9	116.0	9	102.0	9	87.0	11	67.0	10	57.0	10	49.0	7	36.0	7
1950	14.0	20	13.0	20	11.0	20	9.5	20	9.0	20	8.6	20	8.1	20	7.6	20	7.0	19
1951	26.0	18	25.0	18	23.0	18	21.0	18	17.0	19	13.0	19	10.0	19	8.6	19	6.3	20
1952	147.0	7	142.0	7	133.0	7	120.0	8	99.0	8	78.0	8	60.0	8	49.0	8	34.0	10
1953	72.0	12	70.0	12	69.0	12	64.0	12	52.0	13	35.0	13	28.0	14	23.0	15	16.0	15
1954	33.0	16	32.0	16	30.0	16	28.0	16	26.0	16	20.0	16	16.0	16	14.0	16	10.0	18
1955	107.0	11	103.0	11	99.0	11	93.0	11	90.0	9	66.0	11	52.0	11	47.0	11	33.0	11

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TRINCHERA C AB MTN HOME RE, NR FORT GARLAND, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1936	1.00	6	1.00	5	2.40	7	2.70	7	5.00	13	5.50	12	6.00	13	6.50	14	8.10	16
1937	5.10	15	6.10	18	7.00	19	7.00	19	7.00	19	7.00	19	7.30	18	7.80	19	10.00	19
1938	5.00	14	5.00	14	5.00	14	5.00	14	5.10	14	5.50	13	5.70	11	6.00	11	7.10	12
1939	7.00	20	7.00	20	7.00	20	7.00	20	7.00	20	7.00	20	7.30	19	8.00	20	8.90	18
1940	4.50	12	4.50	12	4.50	11	4.50	11	4.50	9	4.50	8	4.70	7	4.70	7	5.90	9
1941	5.50	17	5.50	15	5.90	15	6.00	15	6.30	16	6.60	16	6.80	16	7.00	16	7.30	14
1942	5.40	16	5.50	16	6.40	17	6.50	17	7.00	17	7.00	17	7.30	20	7.50	18	12.00	20
1943	6.30	19	6.80	19	6.90	18	7.00	18	7.00	18	7.00	18	7.00	17	7.20	17	8.30	17
1944	4.00	10	4.00	10	4.00	10	4.00	9	4.00	8	4.00	6	4.20	6	4.30	5	4.60	5
1945	4.30	11	4.50	11	4.70	12	5.00	12	5.00	10	5.20	10	5.40	10	5.50	9	6.20	10

08241000 TRINCHERA CREEK ABOVE MOUNTAIN HOME RESERVOIR, NEAR FORT GARLAND, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TRINCHERA C AB MTN HOME RE, NR FORT GARLAND, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1946	5.80	18	5.90	17	6.00	16	6.00	16	6.00	15	6.30	15	6.50	15	6.80	15	7.20	13
1947	0.60	4	2.40	8	2.60	8	3.10	8	3.40	7	4.50	7	4.90	8	4.80	8	5.00	7
1948	5.00	13	5.00	13	5.00	13	5.00	13	5.00	11	5.90	14	6.10	14	6.40	13	7.80	15
1949	1.20	7	1.20	6	1.50	5	2.60	6	3.20	6	4.80	9	5.40	9	5.60	10	5.70	8
1950	2.60	9	2.60	9	2.80	9	4.10	10	5.00	12	5.50	11	5.90	12	6.20	12	7.00	11
1951	0.10	1	0.10	1	0.10	1	0.10	1	0.10	1	0.10	1	0.11	1	0.28	1	0.51	1
1952	0.10	2	0.10	2	0.10	2	0.10	2	0.10	2	0.21	2	1.10	2	1.40	2	2.00	2
1953	1.70	8	1.70	7	1.80	6	2.10	5	2.90	5	3.50	5	4.10	5	4.30	6	4.70	6
1954	0.51	3	0.50	3	0.56	3	0.64	3	1.00	3	2.10	3	3.20	4	3.50	4	3.90	4
1955	1.00	5	1.00	4	1.10	4	1.30	4	1.50	4	2.30	4	2.50	3	2.50	3	2.60	3

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
8.46	7.19	5.73	5.35	5.36	6.41	15.7	68.4	65.2	21.2	12.5	7.75
27.6	12.1	4.82	2.73	2.33	6.10	91.5	3085	2287	178	61.3	25.8
5.25	3.48	2.20	1.65	1.53	2.47	9.57	55.5	47.8	13.3	7.83	5.07
0.80	0.83	-0.69	-1.08	-1.03	-0.38	1.04	1.00	0.47	0.59	0.93	0.21
0.62	0.48	0.38	0.31	0.28	0.39	0.61	0.81	0.73	0.63	0.63	0.66
3.69	3.14	2.50	2.34	2.34	2.80	6.83	29.8	28.5	9.26	5.44	3.38

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.77	0.79	0.71	0.70	0.70	0.77	1.11	1.68	1.65	1.22	0.98	0.68
0.28	0.08	0.06	0.04	0.03	0.05	0.08	0.16	0.19	0.11	0.17	0.36
0.52	0.29	0.25	0.20	0.17	0.22	0.28	0.40	0.44	0.34	0.41	0.60
-2.42	-2.10	-1.97	-2.47	-2.32	-1.34	-0.32	-0.24	-0.62	-0.86	-2.07	-1.87
0.68	0.37	0.35	0.29	0.24	0.28	0.25	0.24	0.26	0.27	0.43	0.89
6.55	6.72	6.03	5.92	5.98	6.50	9.47	14.3	14.0	10.4	8.29	5.79

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
19.2	119	10.9	0.69	0.57	0.098

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.20	0.08	0.29	-0.64	0.24	0.142

08241500 SANGRE DE CRISTO CREEK NEAR FORT GARLAND, COLO.

LOCATION.--Lat 37°25'30", long 105°24'52", Costilla County, in Sangre de Cristo Grant, on left bank at road bridge, 2,200 ft (670 m) upstream from Garland Canal, 1.0 mi (1.6 km) east of Fort Garland, and 6.3 mi (10.1 km) upstream from Ute Creek.

DRAINAGE AREA.--190 mi^2 (490 km^2), approximately.

REMARKS.--Diversion above station by Sangre de Cristo-Trinchera canal for irrigation below station. Diversion above station from West Indian Creek to Mountain Home Reservoir on Trinchera Creek.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SANGRE DE CRISTO CREEK NEAR FORT GARLAND, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1941										32	6	66	18	29	2	8	17	30	23	17	18	18	16	5	7	10	11	9	11	5	7				
1946	80	4	2	2	1	3	6	1	7	1	3	4	25	35	97	13	21	28	27	3	2														
1947	13	1									6	39	61	1	41	18	24	29	15	30	17	10	8	11	7	7	11	13	3						
1948		4			6		5	1	1	8	4	1	6	11	4	166	29	15	6	10	14	12	6	6	9	28	9	5							
1949	3	2	4	1	6	3	4	4	1	7	3	5	5	30	111	56	12	21	13	9	12	20	9	24											
1950	90	8			1		2	1	3	7	6	7	19	93	79	24	19	5	1																
1951	152	10	1			26			33	13	7	1	10	26	26	11	9	8	30	2															
1952	95	2	2			1	2	12	5	2	18	19	39	23	20	11	6	22	10	11	7	6	10	7	14	15	4	3							
1953	33	2	1	2	1	1		1	3	2	8	13	36	42	92	24	15	18	21	20	14	8	8												
1954	67	2		2	3	4	3	7	14	19	2	11	45	80	26	8	9	22	21	15	5														
1955	46	4	5	3	2	4	2	1	7	41	26	33	36	9	13	23	36	18	13	4	7	2	4	4	2	6	1	9	4						

08241500 SANGRE DE CRISTO CREEK NEAR FORT GARLAND, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SANGRE DE CRISTO CREEK NEAR FORT GARLAND, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1956	98	1	1			3		4	3	4	13	42	12	39	52	39	12	23	18	2															
1957	71	1	1	1	1	1			16					47	49	17	14	20	21	13	22	14	4	8	5	21	12	6							
1958								2	9	14	15	12	9	15	89	64	29	32	11	7	4	6	11	12	6	10	8								
1959	27		1			2		1	5	7	4	22	24	39	100	41	8	8	18	13	8	10	9	14	4										
1960	39	1		1		3	1		2	2	5	6	41	3	68	75	7	12	12	7	18	22	15	20	6										
1961						2	1		2	1	3	36	34	2	82	34	21	53	24	10	10	8	5	14	11	9	3								
1962	11	1	4	4	2	4	5	3	9	2	2	6	5	6	87	81	14	36	21	10	15	5	4	15	7	5	1								
1963	106		1	1	1	3	3	1	1	1	6	55	12	80	15	5	50	8	2	2	6	2	4												
1964	143			9	27	21	22	14	5	11	2	7	3	13	7	5	22	14	22	16	3														
1965					3		18	2	6	18	26	44	43	65	18	21	8	13	25	13	17	18	7												
1966			1		24	15	4	5	6	15	1	11	37	104	30	33	7	13	18	26	15														
1967			2		11	28	5	7	21	26	28	56	41	16	31	21	28	29	12	2		1													
1968									15	26	45	22	33	38	40	17	28	20	26	14	7	5	9	18	3										
1969										2	3	15	37	85	70	31	16	13	18	16	24	17	16	2											
1970										1	4	14	19	39	50	81	42	18	23	24	18	14	12	5	1										
1971				2		18	17	13	9	8	12	7	17	65	36	60	27	63	11																
1972			6	30	1	47	9	3	5	1	4	18	48	79	23	31	21	35	5																
1973						13	13	6	2	2	64	44	8	19	13	37	22	8	14	17	16	9	8	9	4	12	8	12	5						
1974				1		16	20	6	6	2	15	5	8	24	78	73	15	14	33	25	15	9													
1975								6	5	3	6	11	72	68	30	28	17	15	26	15	9	19	17	7	11										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1074	11322	100.0	12	3.8	803	8105	71.6	24	110	97	380	3.3
1	0.10	43	10248	90.5	13	5.0	1225	7302	64.5	25	140	123	283	2.4
2	0.20	32	10205	90.1	14	6.6	1479	6077	53.7	26	190	68	160	1.4
3	0.30	59	10173	89.9	15	8.7	1156	4598	40.6	27	250	57	92	.8
4	0.40	90	10114	89.3	16	12.0	605	3442	30.4	28	330	23	35	.3
5	0.50	218	10024	88.5	17	15.0	663	2837	25.1	29	440	5	12	.1
6	0.70	142	9806	86.6	18	20.0	540	2174	19.2	30	580	7	7	
7	0.90	101	9664	85.4	19	27.0	353	1634	14.4	31	760			
8	1.20	201	9563	84.5	20	35.0	303	1281	11.3	32	1000			
9	1.60	278	9362	82.7	21	47.0	235	978	8.6	33				
10	2.20	347	9084	80.2	22	62.0	182	743	6.6	34				
11	2.90	632	8737	77.2	23	82.0	181	561	5.0					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SANGRE DE CRISTO CREEK NEAR FORT GARLAND, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1941	718.0	1	712.0	1	675.0	1	546.0	1	446.0	1	313.0	1	231.0	1	184.0	1	128.0	1
1946	45.0	24	40.0	22	33.0	25	27.0	25	24.0	25	21.0	25	18.0	24	15.0	25	12.0	22
1947	384.0	3	333.0	4	314.0	4	285.0	4	233.0	3	167.0	3	132.0	3	107.0	3	76.0	2
1948	294.0	5	286.0	5	248.0	6	202.0	6	185.0	6	162.0	4	125.0	4	99.0	4	69.0	4
1949	109.0	16	107.0	15	106.0	15	101.0	13	94.0	11	73.0	13	57.0	13	47.0	13	34.0	13
1950	22.0	29	18.0	31	14.0	31	13.0	31	12.0	31	10.0	31	9.3	31	8.6	31	7.6	31
1951	29.0	27	27.0	26	24.0	26	23.0	26	23.0	26	18.0	26	14.0	30	12.0	30	8.4	30
1952	286.0	6	272.0	6	242.0	7	199.0	7	170.0	7	126.0	6	93.0	6	74.0	6	51.0	6
1953	77.0	19	76.0	19	73.0	18	62.0	18	50.0	19	40.0	19	33.0	19	27.0	19	21.0	18
1954	46.0	23	40.0	23	36.0	23	31.0	24	28.0	24	24.0	22	20.0	22	16.0	22	12.0	23
1955	389.0	2	366.0	3	339.0	3	302.0	3	209.0	4	116.0	7	82.0	7	65.0	7	45.0	7
1956	28.0	28	26.0	27	22.0	27	21.0	27	20.0	27	17.0	27	15.0	27	13.0	27	10.0	26
1957	263.0	7	262.0	7	257.0	5	231.0	5	203.0	5	157.0	5	119.0	5	96.0	5	68.0	5
1958	199.0	9	195.0	9	194.0	8	186.0	8	153.0	8	109.0	8	79.0	8	63.0	8	44.0	8
1959	122.0	14	119.0	13	110.0	12	100.0	14	86.0	15	61.0	14	47.0	14	38.0	15	28.0	16
1960	121.0	15	114.0	14	108.0	13	107.0	12	90.0	13	77.0	11	65.0	10	53.0	10	38.0	10
1961	221.0	8	204.0	8	182.0	9	158.0	9	134.0	9	98.0	9	74.0	9	60.0	9	44.0	9
1962	196.0	10	183.0	10	156.0	10	140.0	10	117.0	10	78.0	10	60.0	11	49.0	11	36.0	11
1963	74.0	20	71.0	20	60.0	20	48.0	20	32.0	22	22.0	24	18.0	25	15.0	23	11.0	24
1964	40.0	25	38.0	24	34.0	24	32.0	23	29.0	23	23.0	23	19.0	23	15.0	24	10.0	27
1965	80.0	18	78.0	18	68.0	19	59.0	19	53.0	18	44.0	18	36.0	18	29.0	18	21.0	19
1966	39.0	26	38.0	25	37.0	22	35.0	22	33.0	21	30.0	21	24.0	21	20.0	21	15.0	21
1967	56.0	21	26.0	28	22.0	28	18.0	29	17.0	30	15.0	30	15.0	28	13.0	28	10.0	28
1968	127.0	12	122.0	12	107.0	14	98.0	15	88.0	14	61.0	15	46.0	15	39.0	14	29.0	14
1969	84.0	17	82.0	17	77.0	17	69.0	17	59.0	17	52.0	16	44.0	16	37.0	16	27.0	17
1970	124.0	13	97.0	16	83.0	16	73.0	16	64.0	16	51.0	17	43.0	17	37.0	17	28.0	15
1971	21.0	30	20.0	29	19.0	29	18.0	30	18.0	28	17.0	28	16.0	26	14.0	26	11.0	25
1972	20.0	31	20.0	30	19.0	30	19.0	28	18.0	29	16.0	29	14.0	29	12.0	29	9.8	29
1973	373.0	4	369.0	2	348.0	2	326.0	2	267.0	2	185.0	2	137.0	2	109.0	2	75.0	3
1974	50.0	22	48.0	21	48.0	21	46.0	21	42.0	20	34.0	20	30.0	20	26.0	20	20.0	20
1975	132.0	11	129.0	11	123.0	11	110.0	11	93.0	12	75.0	12	59.0	12	49.0	12	36.0	12

08241500 SANGRE DE CRISTO CREEK NEAR FORT GARLAND, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SANGRE DE CRISTO CREEK NEAR FORT GARLAND, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1941	0.00	1	0.00	1	0.00	1	0.00	1	0.17	10	0.73	12	1.30	10	1.90	10	2.30	10
1946	0.70	22	0.83	22	0.93	22	1.20	22	1.90	22	3.20	22	4.50	22	4.90	22	5.60	23
1947	0.00	2	0.00	2	0.00	2	0.00	2	0.00	1	0.02	6	0.15	6	0.19	5	1.40	7
1948	7.00	31	7.40	31	8.60	31	8.80	31	9.20	31	10.00	31	9.80	31	10.00	31	11.00	31
1949	0.10	15	0.30	16	0.40	18	0.59	18	1.20	19	3.40	23	4.60	23	5.40	23	6.30	24
1950	0.00	3	0.07	14	0.24	14	0.76	20	1.10	18	1.70	16	3.10	17	4.00	17	4.60	18
1951	0.00	4	0.00	3	0.00	3	0.00	3	0.00	2	0.00	1	0.00	1	0.00	1	0.22	3
1952	0.00	5	0.00	4	0.00	4	0.00	4	0.00	3	0.00	2	0.00	2	0.00	2	0.22	4
1953	0.00	6	0.00	5	0.09	13	0.65	19	1.70	21	2.70	20	3.30	19	4.10	18	5.20	19
1954	0.00	7	0.00	6	0.00	5	0.00	5	0.00	4	0.46	8	1.70	11	2.60	13	3.30	12
1955	0.00	8	0.00	7	0.00	6	0.00	6	0.00	5	0.00	3	0.04	5	0.19	6	0.80	5
1956	0.00	9	0.00	8	0.00	7	0.18	12	0.82	17	1.90	17	3.40	20	4.10	19	4.50	17
1957	0.00	10	0.00	9	0.00	8	0.00	7	0.00	6	0.00	4	0.00	3	0.00	3	0.05	2
1958	5.20	29	5.20	29	5.40	29	5.60	28	5.90	28	7.60	29	8.20	29	8.60	29	9.00	29
1959	1.00	23	1.10	23	1.50	23	1.90	23	2.00	23	2.90	21	3.60	21	4.20	20	5.30	22
1960	0.00	11	0.00	10	0.00	9	0.00	8	0.06	9	2.10	19	3.10	18	4.50	21	5.20	20
1961	0.00	12	0.00	11	0.00	10	0.00	9	0.00	7	0.50	10	1.70	12	3.30	16	3.70	16
1962	6.90	30	7.00	30	7.90	30	8.20	30	8.40	30	8.50	30	8.60	30	8.80	30	9.60	30
1963	0.00	13	0.00	12	0.00	11	0.04	11	0.28	11	1.30	14	2.30	14	3.00	15	3.50	13
1964	0.00	14	0.00	13	0.00	12	0.00	10	0.00	8	0.00	5	0.00	4	0.00	4	0.00	1
1965	0.40	21	0.40	20	0.40	19	0.41	14	0.43	13	0.53	11	0.72	9	0.83	8	1.60	8
1966	1.20	24	1.40	24	1.80	24	2.40	24	3.40	24	4.70	25	5.20	24	5.40	24	5.30	21
1967	0.20	16	0.33	18	0.37	16	0.43	15	0.46	14	0.49	9	0.65	8	1.20	9	1.80	9
1968	0.20	17	0.27	15	0.40	17	0.90	21	1.40	20	1.90	18	2.40	15	2.30	11	2.60	11
1969	3.50	27	3.90	27	4.20	27	4.30	27	4.60	26	5.70	27	5.90	27	6.20	25	6.30	25
1970	2.00	26	2.20	25	3.00	25	3.20	25	3.60	25	4.30	24	5.70	25	6.30	26	6.80	26
1971	1.80	25	2.20	26	3.40	26	3.50	26	4.90	27	5.50	26	5.90	26	6.70	27	7.30	27
1972	0.35	19	0.40	19	0.46	20	0.57	17	0.71	16	1.30	15	2.20	13	2.60	12	3.50	14
1973	0.29	18	0.32	17	0.35	15	0.37	13	0.41	12	0.44	7	0.49	7	0.52	7	1.20	6
1974	4.80	28	5.00	28	5.20	28	6.00	29	7.00	29	7.50	28	7.90	28	8.10	28	8.30	28
1975	0.38	20	0.46	21	0.48	21	0.51	16	0.61	15	0.91	13	2.40	16	2.80	14	3.70	15

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
4.35	5.47	4.86	5.11	7.05	13.4	38.1	86.2	39.1	11.3	6.15	2.99
11.4	10.2	7.68	6.52	8.33	37.3	605	8575	2118	158	42.0	16.0
3.38	3.19	2.77	2.55	2.89	6.10	24.6	92.6	46.0	12.6	6.48	4.00
0.32	-0.36	0.11	0.15	-0.14	1.31	1.21	2.16	1.64	1.82	1.23	1.75
0.78	0.58	0.57	0.50	0.41	0.46	0.65	1.07	1.18	1.12	1.05	1.34
1.94	2.44	2.17	2.28	3.15	5.96	17.0	38.5	17.4	5.03	2.75	1.34

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.51	0.59	0.60	0.65	0.77	1.09	1.50	1.70	1.28	0.77	0.51	0.21
0.15	0.33	0.11	0.07	0.14	0.04	0.07	0.24	0.35	0.32	0.36	0.32
0.39	0.58	0.33	0.26	0.38	0.19	0.27	0.49	0.59	0.57	0.60	0.57
-0.47	-3.30	-1.22	-0.86	-3.90	0.02	0.16	-0.27	-0.38	-0.37	-1.05	-0.50
0.76	0.98	0.54	0.40	0.49	0.17	0.18	0.29	0.46	0.74	1.18	2.68
5.05	5.77	5.92	6.38	7.58	10.7	14.7	16.7	12.5	7.55	5.03	2.07

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
18.7	196	14.0	1.60	0.75	-0.058

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.16	0.10	0.32	0.06	0.27	-0.021

08242500 UTE CREEK NEAR FORT GARLAND, COLO.

LOCATION.--Lat 37°26'50", long 105°25'30", Costilla County, in Sangre de Cristo Grant, on left bank 2,300 ft (700 m) upstream from Newton ditch, 1.4 mi (2.3 km) north of Fort Garland, and 5.7 mi (9.2 km) upstream from mouth.

DRAINAGE AREA.--32 mi² (83 km²), approximately.

REMARKS.--A few diversions above station for irrigation.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
UTE CREEK NEAR FORT GARLAND, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR															NUMBER OF DAYS IN CLASS																				
1924																			29	104	35	7	21	22	49	35	20	22	17	5					
1925																		3	102	56	30	49	78	39	6	2									
1926																			102	69	47	39	13	7	14	18	29	19	8						
1927																	29	72	75	6		18	21	33	31	42	28	10							
1928																		30	76	42	14	66	36	22	14	35	21	3	7						
1929																		31	69	68	11	16	3	25	52	36	20	29	3	1	1				
1930																1		4	81	78		35	33	37	51	32	9	1	1		2				
1931																		90	35	57	23	28	25	21	23	19	20	20	4						
1932																			60	31	41	66	26	9	16	19	44	38	9	7					
1933																		91	5	77	18	58	36	15	16	17	20	12							
1934																	31	80	33	88	43	21	10	8	33	14	4								
1935																	62	69	35	29	19	32	19	14	26	25	13	7	8	4	3				
1936															2	1	33	61	58	8	15	46	17	23	31	28	33	4	1	1	3	1			
1937																		3	96	40	13	42	51	18	11	8	14	37	11	16	5				
1938																		63	69	56	17	20	15	14	22	17	10	34	21	7					
1939																	1	17	105	40	47	43	24	15	15	30	23	5							
1940																	32	65	66	55	23	44	33	23	19	5	1								
1941																		5	114	41	9	20	29	16	27	14	11	19	21	25	6	2	3	3	
1942																	30	31	67	12	32	12	27	44	25	21	32	22	10						
1943																		58	57	33	64	48	48	34	17	5		1							
1944															3	4	10	63	56	72	21	36	17	9	8	6	11	30	16	4					
1945															1		2	12	94	63	28	22	17	40	22	12	26	21	5						
1946																	1	64	70	74	50	55	32	15	2	1	1								
1947																			41	88	32	56	32	27	23	16	33	10	7						
1948																	5	3	85	92	22	30	21	12	12	30	19	19	15	1					
1949																		34	125	31	32	25	9	8	9	17	52	16	7						
1950									2	4	1	1	4	2	4	5	42	66	78	68	51	28	4	2	1	1		1							
1951									2	2	4	6	11	9	35	63	63	65	22	18	13	18	14	15	2	3									
1952								4	4	13	6	4	8	38	37	6	32	22	14	25	9	40	10	10	9	22	18	17	8	10					
1953											1			9	5	3	8	2	137	80	11	26	30	12	10	6	15	10							
1954													2	9	7	9	21	49	80	55	13	31	41	30	11	7									
1955																24	62	81	56	39	9	13	25	11	18	22	5								
1956	28							2	2	10	6	9	7	8	4	36	46	40	107	19	8	13	14	7											
1957								10	10	2	35	3	5	6	35	21	42	15	10	10	9	19	6	9	20	22	25	24	20	7					
1958																		1	49	111	39	64	12	12	10	27	6	14	13	7					
1959																1	9	48	90	89	19	26	12	7	25	22	16	1							
1960																		5	66	101	15	48	15	15	19	23	38	16	5						
1961																	2	26	98	47	31	24	24	26	27	25	24	11							
1962																		12	21	61	115	52	15	21	23	22	17	6							
1963														2	1	6	10	64	145	62	32	33	9	1											
1964														18	83	43	70	15	23	45	21	26	8	12	2										
1965																4	92	56	20	10	11	9	18	25	32	40	22	19	6	1					
1966																	3	2	10	99	41	56	38	49	36	23	6	2							
1967																	2	25	103	62	22	26	44	37	31	8	4	1							
1968																		3	82	73	31	40	23	30	29	25	11	15	3	1					
1969																		25	76	38	43	44	31	25	37	23	19	3		1					
1970																	9	22	76	49	14	40	36	30	35	26	22	5	1						
1971															4	1	7	20	51	69	63	89	37	23	1										
1972														2	2	8	13	53	96	85	38	47	22												
1973																	2	65	61	55	29	32	16	19	14	8	10	29	15	10					
1974			1					1			2	1	1		3	7	46	69	49	72	34	22	36	17	4										
1975																12	53	63	45	19	10	34	22	23	12	5	32	31	4						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	28	18993	100.0	12	0.8	38	18817	99.1	24	31	982	3597	18.9
1	0.01	0	18965	99.9	13	1.1	103	18779	98.9	25	42	864	2615	13.7
2	0.02	1	18965	99.9	14	1.5	226	18676	98.3	26	57	784	1751	9.2
3	0.03	0	18964	99.8	15	2.0	255	18450	97.1	27	78	584	967	5.0
4	0.05	0	18964	99.8	16	2.7	870	18195	95.8	28	110	246	383	2.0
5	0.06	0	18964	99.8	17	3.6	1863	17325	91.2	29	140	108	137	.7
6	0.09	0	18964	99.8	18	4.9	3470	15462	81.4	30	200	20	29	.1
7	0.10	17	18964	99.8	19	6.7	2871	11992	63.1	31	270	3	9	
8	0.20	20	18947	99.8	20	9.1	1417	9121	48.0	32	360	3	6	
9	0.30	31	18927	99.7	21	12.0	1834	7704	40.6	33	490	3	3	
10	0.40	55	18896	99.5	22	17.0	1255	5870	30.9	34				
11	0.60	24	18841	99.2	23	23.0	1018	4615	24.3					

08242500 UTE CREEK NEAR FORT GARLAND, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
UTE CREEK NEAR FORT GARLAND, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1924	157.0	13	155.0	10	148.0	8	134.0	8	114.0	8	99.0	7	84.0	7	72.0	6	51.0	7
1925	45.0	46	37.0	46	31.0	47	27.0	46	24.0	45	22.0	44	22.0	43	22.0	41	20.0	38
1926	137.0	21	135.0	16	125.0	15	109.0	14	95.0	14	82.0	14	68.0	14	56.0	17	40.0	18
1927	98.0	35	88.0	32	76.0	33	66.0	33	61.0	31	54.0	30	51.0	26	50.0	22	40.0	19
1928	132.0	23	130.0	20	123.0	17	97.0	22	77.0	24	65.0	23	52.0	24	47.0	26	35.0	27
1929	222.0	4	132.0	17	95.0	26	89.0	25	84.0	21	67.0	22	63.0	19	60.0	13	51.0	8
1930	237.0	3	194.0	5	110.0	21	70.0	30	59.0	32	41.0	36	41.0	33	39.0	30	32.0	30
1931	118.0	26	114.0	26	110.0	22	106.0	15	94.0	15	74.0	19	59.0	22	49.0	24	38.0	24
1932	171.0	10	156.0	9	153.0	6	130.0	9	108.0	12	94.0	8	90.0	5	80.0	3	60.0	3
1933	106.0	30	95.0	30	86.0	28	78.0	27	73.0	26	55.0	28	46.0	30	39.0	31	31.0	31
1934	71.0	40	64.0	39	57.0	38	46.0	38	43.0	38	37.0	37	29.0	38	23.0	39	19.0	41
1935	217.0	6	210.0	4	190.0	3	151.0	3	113.0	9	81.0	15	67.0	15	55.0	18	40.0	20
1936	288.0	2	222.0	2	149.0	7	126.0	10	82.0	22	55.0	29	47.0	27	50.0	23	42.0	16
1937	220.0	5	216.0	3	208.0	2	191.0	2	160.0	2	128.0	2	109.0	2	89.0	2	63.0	2
1938	154.0	14	151.0	12	144.0	9	136.0	5	123.0	4	106.0	4	92.0	3	74.0	5	56.0	4
1939	87.0	38	86.0	33	81.0	30	73.0	29	66.0	30	57.0	25	47.0	28	38.0	33	29.0	32
1940	61.0	42	52.0	43	44.0	41	39.0	41	37.0	39	30.0	40	25.0	40	22.0	42	18.0	42
1941	630.0	1	537.0	1	444.0	1	327.0	1	236.0	1	192.0	1	158.0	1	129.0	1	93.0	1
1942	139.0	19	137.0	15	125.0	16	100.0	21	96.0	13	85.0	12	73.0	11	62.0	11	45.0	10
1943	106.0	31	66.0	38	43.0	42	33.0	42	27.0	42	24.0	42	24.0	42	22.0	43	20.0	39
1944	165.0	12	154.0	11	130.0	12	125.0	11	115.0	7	101.0	6	78.0	8	63.0	8	44.0	13
1945	118.0	27	115.0	24	110.0	23	103.0	19	92.0	16	77.0	16	62.0	20	54.0	19	40.0	21
1946	61.0	43	46.0	44	32.0	46	25.0	47	21.0	47	18.0	47	16.0	46	14.0	46	14.0	44
1947	139.0	20	131.0	19	122.0	18	100.0	20	82.0	23	70.0	21	60.0	21	51.0	21	39.0	23
1948	141.0	18	132.0	18	127.0	13	117.0	13	110.0	11	87.0	11	74.0	10	62.0	9	45.0	11
1949	124.0	24	121.0	21	117.0	19	104.0	17	88.0	20	77.0	17	71.0	12	60.0	12	43.0	14
1950	89.0	37	58.0	40	35.0	44	22.0	49	14.0	51	12.0	52	11.0	50	10.0	50	8.6	51
1951	46.0	45	45.0	45	38.0	43	29.0	43	26.0	43	19.0	46	15.0	47	12.0	47	9.5	48
1952	175.0	9	165.0	7	163.0	4	144.0	4	113.0	10	94.0	9	77.0	9	62.0	10	44.0	12
1953	103.0	32	96.0	29	85.0	29	76.0	28	69.0	28	47.0	34	38.0	34	32.0	35	23.0	37
1954	56.0	44	55.0	42	48.0	40	42.0	39	34.0	41	28.0	41	25.0	41	23.0	40	17.0	43
1955	62.0	41	56.0	41	50.0	39	47.0	37	44.0	37	37.0	38	28.0	39	26.0	38	19.0	40
1956	30.0	50	26.0	50	23.0	50	22.0	50	18.0	49	14.0	50	11.0	51	9.2	52	6.9	52
1957	189.0	8	162.0	8	141.0	11	122.0	12	118.0	6	106.0	5	90.0	4	78.0	4	55.0	5
1958	149.0	16	145.0	13	144.0	10	135.0	6	119.0	5	88.0	10	67.0	16	53.0	20	40.0	22
1959	91.0	36	77.0	36	67.0	35	64.0	34	55.0	34	48.0	33	38.0	35	32.0	36	24.0	36
1960	124.0	25	119.0	22	112.0	20	106.0	16	90.0	18	73.0	20	66.0	17	57.0	16	41.0	17
1961	102.0	33	99.0	28	94.0	27	85.0	26	75.0	25	62.0	24	52.0	25	43.0	27	35.0	28
1962	85.0	39	83.0	34	79.0	31	68.0	31	67.0	29	55.0	26	46.0	31	39.0	32	29.0	33
1963	28.0	51	21.0	51	19.0	51	16.0	52	14.0	52	12.0	51	10.0	52	9.6	51	8.9	50
1964	34.0	48	30.0	48	29.0	48	25.0	48	20.0	48	15.0	48	12.0	49	12.0	48	9.5	49
1965	152.0	15	138.0	14	125.0	14	103.0	18	92.0	17	75.0	18	66.0	18	58.0	14	46.0	9
1966	101.0	34	68.0	37	61.0	36	50.0	36	48.0	36	41.0	35	38.0	36	36.0	34	28.0	34
1967	107.0	29	81.0	35	58.0	37	42.0	40	35.0	40	33.0	39	31.0	37	30.0	37	24.0	35
1968	168.0	11	116.0	23	101.0	25	91.0	24	71.0	27	49.0	31	53.0	23	48.0	25	37.0	25
1969	141.0	17	88.0	31	75.0	34	61.0	35	53.0	35	48.0	32	44.0	32	41.0	28	32.0	29
1970	136.0	22	100.0	27	77.0	32	66.0	32	56.0	33	55.0	27	47.0	29	41.0	29	35.0	26
1971	33.0	49	29.0	49	29.0	49	28.0	45	24.0	46	20.0	45	17.0	45	15.0	45	13.0	45
1972	21.0	52	20.0	52	19.0	52	19.0	51	17.0	50	15.0	49	13.0	48	12.0	49	9.7	47
1973	198.0	7	188.0	6	162.0	5	135.0	7	126.0	3	111.0	3	88.0	6	71.0	7	51.0	6
1974	38.0	47	36.0	47	32.0	45	29.0	44	26.0	44	22.0	43	18.0	44	16.0	44	13.0	46
1975	117.0	28	114.0	25	107.0	24	92.0	23	88.0	19	84.0	13	70.0	13	58.0	15	43.0	15

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
UTE CREEK NEAR FORT GARLAND, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1925	3.60	33	3.70	27	4.60	38	4.80	37	4.90	35	5.00	34	5.10	31	5.40	29	6.60	31
1926	5.50	48	5.50	48	5.50	48	5.50	45	5.50	44	5.80	43	6.00	43	6.50	43	8.00	40
1927	3.00	21	3.50	21	3.50	17	3.50	19	3.50	13	3.80	16	4.00	12	4.40	14	4.80	11
1928	4.00	37	4.00	31	4.00	26	4.00	25	4.10	24	4.80	29	5.40	36	5.80	36	8.50	44
1929	4.00	38	4.50	38	4.50	34	4.50	33	4.50	27	4.70	28	4.80	23	5.90	39	6.40	28
1930	6.00	49	6.00	49	6.00	49	6.00	49	6.00	47	6.00	45	6.70	48	7.30	48	12.00	51
1931	2.00	13	3.70	28	4.00	27	4.00	26	4.00	20	4.00	17	4.00	13	4.30	12	6.20	24
1932	5.00	46	5.00	45	5.00	44	5.00	38	5.00	36	5.20	38	5.80	41	6.90	46	10.00	45
1933	4.00	39	4.00	32	4.00	28	4.00	27	4.00	21	4.30	21	4.30	20	5.00	21	6.60	32
1934	3.50	29	3.50	22	3.50	18	3.50	20	3.50	14	4.00	18	4.20	18	5.10	22	6.40	29
1935	3.00	22	3.00	17	3.00	14	3.00	13	3.00	10	3.00	9	3.50	9	3.70	9	4.60	9
1936	3.50	30	3.50	23	3.50	19	3.50	14	3.50	15	3.70	12	4.00	14	4.50	15	6.60	33
1937	1.60	11	1.90	11	4.10	32	5.00	39	5.00	37	5.00	35	5.40	37	6.10	41	10.00	46
1938	4.00	40	4.00	33	4.00	29	4.00	21	4.00	22	4.20	20	4.50	21	4.90	19	5.90	17
1939	4.70	45	5.00	46	5.00	45	5.00	40	5.00	38	5.20	39	5.30	32	5.80	37	8.40	43
1940	3.40	26	3.50	24	3.50	20	3.50	15	3.50	16	3.70	13	4.00	15	4.60	16	5.70	15
1941	2.90	18	4.20	36	5.00	46	5.60	48	6.00	48	6.00	46	6.00	44	6.00	40	7.20	36
1942	3.50	31	3.50	25	3.50	21	3.50	16	3.50	17	3.80	14	4.20	16	4.40	13	11.00	50
1943	3.10	23	4.50	39	4.50	35	4.50	34	4.50	28	4.60	24	4.80	24	5.30	27	6.40	30
1944	4.50	44	4.50	40	4.50	36	4.50	35	4.50	29	4.50	23	4.80	25	5.20	24	6.1[illegible]	21
1945	1.50	9	1.70	9	2.10	9	2.40	9	3.00	11	5.00	36	5.70	40	5.90	38	5.90	18

08242500 UTE CREEK NEAR FORT GARLAND, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
UTE CREEK NEAR FORT GARLAND, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1946	4.00	41	4.00	34	4.00	30	4.00	22	4.00	23	4.00	19	4.30	19	4.90	17	6.30	25
1947	3.40	27	4.10	35	4.80	39	5.50	46	5.50	45	6.20	47	6.50	46	7.00	47	8.10	41
1948	5.40	47	5.40	47	5.40	47	5.40	44	5.40	43	5.90	44	6.30	45	6.70	44	7.70	38
1949	2.80	17	3.00	18	3.50	22	4.40	31	4.50	30	4.70	25	4.80	26	5.00	20	5.60	12
1950	3.10	24	3.50	26	3.50	23	3.50	17	3.50	18	3.80	15	4.20	17	4.90	18	6.30	26
1951	0.20	4	0.23	4	0.30	3	1.00	3	1.70	5	2.00	4	2.10	4	2.30	4	2.70	4
1952	0.10	3	0.13	2	0.16	2	0.29	2	0.71	2	0.80	2	1.00	2	1.10	2	1.50	2
1953	4.30	42	4.70	42	4.90	41	5.00	41	5.00	39	5.20	40	5.30	33	5.70	32	6.10	22
1954	0.51	5	1.00	5	1.40	6	1.40	5	1.50	4	2.90	7	3.80	11	3.80	10	4.70	10
1955	1.40	8	1.50	7	2.10	10	2.40	10	2.50	7	2.70	6	2.90	5	3.10	5	4.10	6
1956	2.00	12	2.00	12	2.00	7	2.00	7	2.00	6	2.40	5	2.90	6	3.60	7	4.30	8
1957	0.00	1	0.00	1	0.00	1	0.00	1	0.02	1	0.41	1	0.80	1	0.73	1	0.95	1
1958	4.50	43	4.70	43	5.00	42	5.60	47	6.50	49	6.60	48	6.70	47	6.90	45	8.20	42
1959	3.00	19	3.20	19	4.00	31	4.10	28	4.50	31	4.70	26	4.80	27	5.30	25	6.00	19
1960	2.50	16	2.70	15	3.60	24	4.10	29	5.00	40	5.50	42	5.90	42	6.30	42	7.70	39
1961	3.20	25	4.50	41	4.50	37	4.50	32	4.60	32	5.10	37	5.30	34	5.70	33	6.20	23
1962	7.50	51	8.30	51	8.70	51	8.90	51	8.90	51	9.10	51	9.20	51	9.50	51	10.00	47
1963	3.80	34	3.90	30	4.30	33	4.80	36	4.80	34	4.90	30	5.00	28	5.30	26	5.80	16
1964	1.30	7	1.30	6	1.30	5	1.30	4	1.40	3	1.60	3	1.60	3	1.70	3	2.10	3
1965	2.40	14	2.50	13	2.70	11	2.70	11	2.90	9	3.20	10	3.40	8	3.50	6	4.10	7
1966	6.40	50	6.70	50	7.20	50	7.50	50	7.50	50	7.80	50	8.00	50	8.70	50	11.00	48
1967	3.00	20	3.00	16	3.40	15	4.00	23	4.30	25	4.70	27	5.00	29	5.40	28	5.70	13
1968	4.00	35	4.80	44	5.00	43	5.00	42	5.00	41	5.00	31	5.50	38	5.80	34	7.20	37
1969	3.60	32	3.80	29	3.90	25	4.20	30	4.60	33	5.00	32	5.10	30	5.60	30	7.10	35
1970	3.50	28	3.50	20	3.50	16	4.00	24	5.00	42	5.40	41	5.50	39	5.60	31	7.00	34
1971	4.00	36	4.30	37	4.80	40	5.10	43	5.90	46	7.30	49	7.50	49	8.30	49	11.00	49
1972	1.60	10	1.70	10	2.80	12	3.50	18	4.40	26	5.00	33	5.40	35	5.80	35	6.40	27
1973	1.20	6	1.60	8	2.00	8	2.40	8	3.50	19	4.40	22	4.60	22	5.10	23	6.00	20
1974	2.50	15	2.60	14	2.80	13	3.00	12	3.20	12	3.50	11	3.70	10	4.30	11	5.70	14
1975	0.02	2	0.18	3	0.64	4	1.50	6	2.60	8	3.00	8	3.30	7	3.70	8	3.90	5

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
10.4	7.96	5.25	4.67	5.09	7.48	22.9	56.6	56.5	30.3	21.0	13.2
41.1	16.9	4.16	2.29	2.25	5.34	200	1508	1229	449	203	95.7
6.41	4.11	2.04	1.51	1.50	2.31	14.1	38.8	35.1	21.2	14.2	9.78
1.73	1.67	0.34	0.48	0.41	0.32	1.08	1.77	0.45	1.17	1.46	1.25
0.62	0.52	0.39	0.32	0.30	0.31	0.62	0.69	0.62	0.70	0.68	0.74
4.31	3.30	2.18	1.94	2.11	3.10	9.48	23.4	23.4	12.5	8.71	5.47

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.94	0.84	0.68	0.64	0.69	0.85	1.28	1.65	1.64	1.35	1.23	0.98
0.09	0.07	0.05	0.02	0.02	0.02	0.08	0.10	0.12	0.14	0.10	0.20
0.29	0.26	0.22	0.16	0.14	0.14	0.27	0.31	0.34	0.38	0.31	0.45
-1.09	-1.45	-2.04	-0.95	-0.72	-0.46	-0.13	-0.38	-0.69	-1.05	-0.54	-2.23
0.31	0.31	0.33	0.24	0.20	0.17	0.21	0.19	0.21	0.28	0.25	0.46
7.33	6.57	5.31	5.05	5.38	6.67	10.0	13.0	12.9	10.6	9.60	7.64

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
20.2	80.2	8.95	0.55	0.44	0.059

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.26	0.05	0.22	-0.76	0.18	0.101

08243500 TRINCHERA CREEK BELOW SMITH RESERVOIR, NEAR BLANCA, COLO.

LOCATION.--Lat 37°23'10", long 105°33'02", in sec.4, T.31 S., R.73 W. (unsurveyed), Costilla County, on right bank 150 ft (46 m) downstream from bridge, 0.6 mi (1.0 km) downstream from Smith Reservoir, and 4.0 mi (6.4 km) southwest of Blanca.

DRAINAGE AREA.--396 mi^2 (1,026 km^2).

REMARKS.--Diversions above station for irrigation. Flow regulated by Smith Reservoir (capacity, 5,335 acre-ft or 6.58 hm^3).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TRINCHERA CREEK BELOW SMITH RES, NR BLANCA, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1931								223			19	2		20	4	6	1	4	18	19	10	7	13	15	4										
1934								205			37	21		12	16	7	2	1	8	17	6	20	6	5	2										
1935						79	25	105			30	4		19	8	8	63	6	2	2	5	4	2	3											
1936								41	10	5	136	5	6	9	30	28	34	28	13	7	5	6	1	2											
1938		118				3	24	42	15	6	11	5	6	6	10	2	2	8	9	26	9	2	7	6	5	3	6	15	12	7					
1944					3	20	135	55	3	2	10	8	3	15	10	30	4	1	2	2	6	7	12	5	3	2	2	3	4	11	3	4	1		
1945		3		1			53	114	6	5	2	4	3	10	42	7	7	9	18	7	15	11	14	7	7	4	3	8	5						
1946		1	29	13	17	26	143	21	2	6	3	1	7	6	7	9	18	39	12	5															
1947		4		21	65	42	20	38	19	2	2	12	2	2		1		3	1		1	2	6	5		8	5	10	7	4	2				
1948				41	8	26	22	98	30										2	19	9	11	11	19	13	10	12	28	7						
1949				7	19	11	85	82	19	2	4	6	1	2	2	4	8	3	22	15	14	14	12	17	16										
1950						1	46	114	76	5	7	6	9	22	30	42	1	6																	
1951			11	24	37	64	63	23	3	12	20	21	14	21	25	5	4	18																	
1952			2	28	4	76	56	6	5	7	15	8	3	15	20	6	31	12	12	19	4	10	5	8	7	4	3								
1953				28	55	33	33	4	1	3	16	24	32	18	28	1	28	22	26	5	3	5													
1954				49	37	43	29	4	8	22	17	30	24	16	17	7	16	32	14																
1955		30	61	32	16	11	3	9	8	7	44	31	21	8	16	5	16		19	2	3	10	13												
1956			17	2		1	48	80	10	21	19	71	23	4	20	15	21	14																	
1957		61	17	40	5	1	1	1	16	14	4	8		10	26	1	21	7	22	14	10	2	5	3	4	9	2	3	7	2					
1958				2	7	1	28	102	47	3	2	13		9	2	11	11	50	22	7	2	2	1	2	6	5	10	14	6						
1959				1	1	2	22	70	116	10	2	1	4	1	24	2	16	26	56	11															
1960					66	47	38	26			13	16	1	1	14	9	22	66	16	3	1	2	3	4	6	8	4									
1961			2	3	33	66	70	1	2	3	5	43	5	4	1	37	11	21	25	3	5	4	4	1	7	6	3								
1962				1	1		3		1	2	38	3	40	9	64	64	16	11	25	39	5	6	11	5	3	5	11	2							
1963					21	4	32	1	14	11	53	47	44	78	31	27	2																		
1964		1	21	34	2	6	54	31	5	24	36	15	63	2	6	21	21	19	4	1															
1965					1	1	8	58	55	37	17	2	17	33	12	5	17	28	53	17	4														
1966										13	2	10	64	128	62	13	19	33	8	13															
1967					2	2		1	5	43	187	33	3	5	6	32	26	2	18																
1968				3	3	4	9	6	45	12	8	115	14	46	33	1	1	7	50	9															
1969									23	158	7	2	32	17	12	11	1	12	72	18															
1970								2	20	19	26	110	27	10	38	3	2	18	69	21															
1971												2	38	36	176	31	49	1	22	5	5														
1972							3	39	22	79	104	26	34	18	1	40																			
1973			6	3	6	52	87	26	1		20	24	3	1	30	42	3	3	4	12	2	1		3	1	7	10	2	3	9	4				
1974								18	8	20	101	30	39	3	4	21	14	57	15	8	21	6													
1975		5	1	16		11	13	119	11	3	1	2	15	10	27	13	1		62	32	20	3													

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	4	13514	100.0	12	3.1	597	5742	42.5	24	73	89	396	2.9
1	0.10	168	13510	100.0	13	4.0	624	5145	38.1	25	95	70	307	2.2
2	0.20	269	13342	98.7	14	5.2	855	4521	33.5	26	120	92	237	1.7
3	0.30	493	13073	96.7	15	6.8	566	3666	27.1	27	160	61	145	1.0
4	0.40	386	12580	93.1	16	8.9	512	3100	22.9	28	210	41	84	.6
5	0.50	611	12194	90.2	17	12.0	567	2588	19.2	29	270	31	43	.3
6	0.60	1171	11583	85.7	18	15.0	737	2021	15.0	30	360	7	12	
7	0.80	1746	10412	77.0	19	20.0	349	1284	9.5	31	460	4	5	
8	1.10	589	8666	64.1	20	25.0	168	935	6.9	32	610	1	1	
9	1.40	556	8077	59.8	21	33.0	139	767	5.7	33				
10	1.80	1028	7521	55.7	22	43.0	133	628	4.6	34				
11	2.40	751	6493	48.0	23	56.0	99	495	3.7					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TRINCHERA CREEK BELOW SMITH RES, NR BLANCA, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1931	92.0	13	83.0	14	69.0	14	62.0	14	55.0	14	44.0	14	35.0	13	28.0	13	19.0	14
1934	77.0	15	74.0	15	66.0	15	53.0	15	46.0	15	35.0	15	25.0	15	20.0	16	14.0	16
1935	62.0	16	60.0	16	51.0	17	40.0	17	26.0	19	18.0	19	14.0	25	13.0	23	9.2	26
1936	61.0	17	57.0	17	43.0	18	31.0	20	24.0	20	14.0	27	12.0	28	12.0	26	11.0	20
1938	324.0	3	316.0	3	289.0	3	240.0	3	232.0	3	164.0	2	117.0	2	93.0	2	62.0	1
1944	640.0	1	609.0	1	520.0	1	413.0	1	309.0	1	180.0	1	123.0	1	94.0	1	62.0	2
1945	229.0	7	228.0	6	219.0	6	198.0	7	143.0	7	94.0	7	71.0	6	56.0	6	39.0	6
1946	23.0	26	22.0	24	21.0	25	19.0	27	15.0	29	12.0	30	12.0	29	9.9	29	6.7	29
1947	296.0	4	276.0	4	246.0	5	211.0	5	162.0	5	98.0	6	68.0	7	51.0	8	34.0	8
1948	179.0	8	177.0	8	169.0	8	155.0	8	132.0	8	122.0	4	98.0	3	82.0	3	56.0	3
1949	90.0	14	88.0	13	84.0	13	77.0	13	73.0	11	54.0	10	45.0	10	39.0	10	27.0	10
1950	12.0	35	12.0	35	12.0	34	9.7	35	8.3	36	7.1	35	6.5	34	6.0	34	4.4	35

08243500 TRINCHERA CREEK BELOW SMITH RESERVOIR, NEAR BLANCA, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TRINCHERA CREEK BELOW SMITH RES, NR BLANCA, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1951	13.0	33	13.0	33	12.0	35	12.0	34	10.0	34	7.4	34	6.0	35	5.3	36	3.9	36
1952	130.0	12	123.0	12	103.0	12	97.0	12	73.0	12	50.0	11	38.0	11	31.0	11	22.0	11
1953	42.0	19	42.0	19	37.0	19	27.0	21	22.0	21	18.0	20	16.0	22	13.0	24	9.5	24
1954	17.0	31	17.0	30	16.0	30	15.0	30	14.0	30	13.0	28	11.0	30	8.8	30	6.7	30
1955	53.0	18	53.0	18	52.0	16	49.0	16	40.0	16	26.0	16	20.0	17	15.0	19	11.0	21
1956	13.0	34	13.0	34	13.0	32	13.0	32	12.0	32	9.6	32	7.8	33	6.6	32	5.2	32
1957	282.0	5	272.0	5	259.0	4	215.0	4	153.0	6	92.0	8	66.0	8	52.0	7	35.0	7
1958	229.0	6	227.0	7	218.0	7	207.0	6	178.0	4	114.0	5	81.0	5	64.0	5	44.0	5
1959	24.0	24	22.0	25	22.0	23	20.0	23	19.0	22	18.0	21	17.0	19	15.0	20	11.0	22
1960	136.0	11	132.0	11	120.0	10	107.0	10	80.0	10	47.0	12	36.0	12	31.0	12	22.0	12
1961	144.0	10	136.0	10	112.0	11	104.0	11	68.0	13	44.0	13	34.0	14	27.0	14	19.0	13
1962	170.0	9	162.0	9	153.0	9	139.0	9	102.0	9	67.0	9	49.0	9	42.0	9	31.0	9
1963	9.8	36	8.9	36	8.6	36	8.1	37	7.7	37	6.8	36	5.7	36	5.5	35	4.8	34
1964	23.0	25	15.0	31	13.0	33	12.0	33	12.0	33	11.0	31	8.3	32	6.4	33	5.1	33
1965	25.0	23	25.0	23	22.0	24	19.0	28	17.0	27	17.0	23	16.0	23	15.0	21	12.0	17
1966	21.0	27	21.0	26	20.0	26	20.0	24	17.0	28	15.0	26	13.0	26	11.0	27	8.9	27
1967	15.0	32	15.0	32	15.0	31	15.0	31	13.0	31	9.4	33	9.3	31	7.7	31	5.8	31
1968	21.0	28	20.0	27	20.0	27	19.0	29	19.0	23	17.0	24	14.0	24	12.0	25	8.9	28
1969	21.0	29	20.0	28	20.0	28	20.0	25	19.0	24	17.0	25	17.0	20	15.0	22	11.0	23
1970	21.0	30	20.0	29	20.0	29	19.0	26	19.0	25	18.0	22	17.0	21	16.0	17	12.0	18
1971	32.0	22	31.0	22	28.0	22	22.0	22	19.0	26	13.0	29	12.0	27	11.0	28	9.2	25
1972	8.6	37	8.6	37	8.6	37	8.5	36	8.3	35	6.4	37	5.1	37	4.4	37	3.6	37
1973	443.0	2	427.0	2	375.0	2	326.0	2	235.0	2	140.0	3	95.0	4	72.0	4	50.0	4
1974	36.0	20	35.0	20	34.0	20	32.0	18	29.0	17	22.0	18	19.0	18	16.0	18	11.0	19
1975	34.0	21	33.0	21	32.0	21	31.0	19	28.0	18	24.0	17	23.0	16	21.0	15	16.0	15

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TRINCHERA CREEK BELOW SMITH RES, NR BLANCA, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1931	1.00	30	1.00	29	1.00	29	1.00	28	1.00	27	1.00	26	1.00	24	1.00	24	1.00	20
1934	1.00	31	1.00	30	1.00	30	1.00	29	1.00	28	1.00	27	1.00	25	1.00	25	1.40	25
1935	0.51	24	0.50	25	0.50	24	0.50	22	0.50	19	0.50	13	0.51	12	0.63	15	0.76	14
1936	0.61	28	0.60	27	0.60	26	0.60	26	1.50	31	1.70	32	1.80	31	1.80	30	2.00	27
1938	0.11	3	0.10	2	0.10	2	0.10	1	0.10	1	0.10	1	0.10	1	0.11	1	0.30	2
1944	0.41	22	0.44	23	0.49	22	0.54	23	0.61	20	0.63	18	0.65	16	0.68	16	1.30	24
1945	0.51	25	0.50	24	0.50	23	0.59	24	0.64	21	0.74	23	0.76	22	0.77	18	0.84	16
1946	0.11	4	0.10	3	0.17	5	0.29	11	0.47	18	0.57	16	0.57	14	0.58	13	0.59	8
1947	0.21	12	0.20	10	0.20	7	0.20	4	0.22	4	0.30	5	0.30	4	0.30	4	0.31	3
1948	0.11	5	0.14	6	0.16	4	0.26	8	0.37	11	0.46	11	0.49	11	0.54	11	0.68	12
1949	0.31	16	0.30	15	0.30	15	0.30	12	0.30	8	0.33	6	0.37	7	0.45	9	0.55	7
1950	0.51	26	0.54	26	0.57	25	0.59	25	0.66	22	0.72	21	0.75	19	0.80	22	0.91	18
1951	0.41	23	0.40	21	0.40	19	0.42	19	0.46	16	0.48	12	0.57	15	0.59	14	0.68	13
1952	0.21	13	0.20	11	0.23	12	0.25	7	0.27	5	0.29	4	0.33	5	0.40	5	0.46	5
1953	0.31	17	0.30	16	0.30	13	0.30	13	0.31	9	0.35	8	0.39	8	0.43	7	1.00	21
1954	0.31	18	0.30	17	0.30	14	0.30	14	0.30	6	0.33	7	0.37	6	0.40	6	0.66	11
1955	0.11	6	0.10	4	0.10	3	0.10	2	0.11	2	0.15	2	0.17	2	0.20	2	0.43	4
1956	0.61	27	0.70	28	0.70	27	0.70	27	0.70	23	0.72	22	0.75	20	0.79	19	1.10	23
1957	0.11	7	0.14	5	0.20	8	0.20	3	0.20	3	0.20	3	0.20	3	0.22	3	0.24	1
1958	0.00	1	0.04	1	0.04	1	0.24	6	0.70	24	0.71	20	0.75	21	0.79	20	0.88	17
1959	0.31	19	0.34	18	0.40	20	0.49	21	0.76	25	0.85	24	0.84	23	0.95	23	1.00	22
1960	0.31	20	0.40	19	0.40	21	0.40	18	0.40	12	0.40	9	0.43	9	0.45	8	0.54	6
1961	0.20	9	0.23	13	0.39	17	0.39	16	0.40	13	0.44	10	0.48	10	0.53	10	0.60	9
1962	0.30	14	0.43	22	0.79	28	1.90	35	2.60	35	3.20	35	3.80	36	4.60	36	5.30	36
1963	0.40	21	0.40	20	0.40	18	0.40	17	0.46	17	0.60	17	1.40	26	1.70	28	2.20	31
1964	0.20	10	0.20	12	0.20	9	0.30	15	0.30	7	1.00	25	1.70	29	1.70	29	2.00	28
1965	0.10	2	0.17	8	0.19	6	0.21	5	0.44	15	0.64	19	0.66	17	0.79	21	0.99	19
1966	1.40	33	1.50	34	1.50	34	1.60	33	2.90	36	3.70	36	3.70	35	3.70	35	3.90	34
1967	1.70	35	1.70	35	1.70	35	1.80	34	1.80	33	1.90	33	1.90	32	2.00	31	2.00	29
1968	0.30	15	0.30	14	0.37	16	0.44	20	0.82	26	1.10	28	1.40	27	1.60	27	1.80	26
1969	1.30	32	1.30	32	1.30	32	1.40	31	1.40	30	1.50	29	1.50	28	1.50	26	2.10	30
1970	0.90	29	1.10	31	1.10	31	1.20	30	1.30	29	1.60	30	2.10	33	2.10	33	2.30	32
1971	1.90	36	1.90	36	1.90	36	2.00	36	3.30	37	4.80	37	5.10	37	5.10	37	5.40	37
1972	1.50	34	1.50	33	1.50	33	1.50	32	1.60	32	1.70	31	1.80	30	2.00	32	2.30	33
1973	0.20	11	0.20	9	0.21	10	0.29	9	0.41	14	0.54	14	0.56	13	0.55	12	0.62	10
1974	2.00	37	2.00	37	2.00	37	2.00	37	2.00	34	2.00	34	2.20	34	2.70	34	5.20	35
1975	0.16	8	0.15	7	0.22	11	0.29	10	0.35	10	0.56	15	0.67	18	0.72	17	0.80	15

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.91	1.32	1.40	1.51	2.43	7.46	23.8	50.8	21.8	6.50	3.64	2.41
4.51	1.90	2.29	2.34	12.9	81.2	649	4834	661	24.7	8.45	6.65
2.12	1.38	1.51	1.53	3.59	9.01	25.5	69.5	25.7	4.97	2.91	2.58
2.75	2.25	2.31	1.90	4.09	1.39	1.71	1.87	2.89	0.60	2.00	2.25
1.11	1.04	1.08	1.01	1.48	1.21	1.07	1.37	1.18	0.76	0.80	1.07
1.53	1.06	1.12	1.21	1.94	5.97	19.1	40.7	17.4	5.20	2.91	1.93

08243500 TRINCHERA CREEK BELOW SMITH RESERVOIR, NEAR BLANCA, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
0.10	-0.04	-0.04	-0.01	0.12	0.53	1.18	1.37	1.13	0.65	0.42	0.19
0.14	0.14	0.17	0.17	0.24	0.34	0.17	0.30	0.18	0.18	0.15	0.17
0.38	0.37	0.41	0.42	0.49	0.59	0.41	0.55	0.43	0.42	0.39	0.42
0.45	0.32	-0.05	-0.05	0.03	0.03	0.40	0.34	0.16	-0.51	-0.73	0.22
3.66	-8.98	-9.82	-65.7	4.23	1.10	0.35	0.40	0.38	0.65	0.91	2.23
1.85	-0.73	-0.75	-0.11	2.07	9.52	21.1	24.4	20.2	11.6	7.54	3.33

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
10.5	70.3	8.39	1.32	0.80	0.313

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.90	0.11	0.33	0.29	0.36	0.201

08245000 CONEJOS RIVER BELOW PLATORO RESERVOIR, COLO.

LOCATION.--Lat 37°21'18", long 106°32'37", Conejos County, on left bank 1,100 ft (340 m) downstream from valvehouse for Platoro Reservoir and 0.7 mi (1.1 km) northwest of Platoro.

DRAINAGE AREA.--40 mi² (100 km²), approximately.

REMARKS.--No diversion above station. Flow completely regulated by Platoro Reservoir.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CONEJOS RIVER BELOW PLATORO RESERVOIR, CO.

NUMBER OF DAYS IN CLASS

CLASS / YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1953			1			1		4	2		2	4	45	86	19	13	46	11	14	10	11	19	17	9	7	8	3	1	2	9	21				
1954											11	3	5	61	98	7	3	16	22	18	16	16	9	12	11	14	16	6	18	3					
1955															133	41	21	5	7	22	25	15	17	20	10	11	7	8	9	14					
1956	5	1				1		1	14	2	3	1	127	32	28	24	6		11	16	13	12	5	5	5	7	8	4	9	15	11				
1957									102	7	112	1	6	6	3	2	9	1		3	3	3	12	6	18	17	7	15	5	11	7	6	3		
1958									7	1	3	3	24	10	4	2	1	177	8	24	13	5	2	8	4	10	5	2	4	11	18	10	5	4	
1959												16	4	58	5	49	80	22	12	8	5	3	18	11	14	4	6	9	6	12	10	12	1		
1960												10	8	5	17	172	5	5	1	7	10	28	18	9	4	18	5	7	15	12	10				
1961											1	17		1	3	160	20	3	2	16	17	17	26	13	8	4	10	12	10	12	11	2			
1962														25	6	176	3	5	12	25	5	16	5	4	8	8	11	15	11	14	16				
1963															2	164	39	5	39	26	4	11	4	16	4	6	6	8	12	4	15				
1964												3				203	7	18	6	19	16	7	13	11	12	9	7	9	10	10	6				
1965										5	6		2	2		170	28	2	1	4	34	2	3	11	6	13	27	10	6	10	9	13	1		
1966														19	1	127	33	20	3	7	9	7	31	13	6	14	7	11	10	10	27	10			
1967															161	1	10	4	19	13	12	5	26	11	13	16	12	16	8	14	24				
1968											4	3	9	4	190	3	22	8	4	8	5	4	10	18	6	10	14	13	12	9	3	7			
1969															169	16	14		1	10	20	6	8	10	13	14	24	6	14	20	20				
1970															152	9	12	7	9	22	25	13	19	13	7	9	13	16	14	21	4				
1971					1					1				10	166	1	4	11	17	24	20	11	14	17	3	3	5	20	21	12	4				
1972												2	13	3	150	13	19	21	14	21	24	19	9	3	9	4	20	12	10						
1973													2	1	140	38	5	10	14	10	9	20	15	12	17	8	12	14	16	6	13	3			
1974													8	11	22	3	188	8	5	19	11	5	10	3	5	8	14	9	18	5	2	11			
1975														1	32	177	3	25	12	3	4	10	12	3	12	3	9	8	14	18	12	7			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	5	8400	100.0	12	4.6	253	8039	95.7	24	110	202	1743	20.7
1	0.20	1	8395	99.9	13	6.0	335	7786	92.7	25	140	218	1541	18.3
2	0.30	1	8394	99.9	14	7.8	1501	7451	88.7	26	180	248	1323	15.7
3	0.40	0	8393	99.9	15	10.0	1571	5950	70.8	27	240	231	1075	12.7
4	0.60	1	8393	99.9	16	13.0	578	4379	52.1	28	310	254	844	10.0
5	0.70	2	8392	99.9	17	17.0	384	3801	45.3	29	400	252	590	7.0
6	1.00	0	8390	99.9	18	22.0	233	3417	40.7	30	520	243	338	4.0
7	1.30	5	8390	99.9	19	29.0	335	3184	37.9	31	670	81	95	1.1
8	1.60	125	8385	99.8	20	38.0	311	2849	33.9	32	880	10	14	.1
9	2.10	16	8260	98.3	21	49.0	254	2538	30.2	33	1100	4	4	
10	2.70	142	8244	98.1	22	64.0	303	2284	27.2	34				
11	3.60	63	8102	96.5	23	83.0	238	1981	23.6					

08245000 CONEJOS RIVER BELOW PLATORO RESERVOIR, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CONEJOS RIVER BELOW PLATORO RESERVOIR, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1953	580.0	18	570.0	17	561.0	17	559.0	11	532.0	6	330.0	15	250.0	16	197.0	16	135.0	16
1954	453.0	22	426.0	22	386.0	22	361.0	22	333.0	22	250.0	21	201.0	20	160.0	21	116.0	21
1955	505.0	21	488.0	21	453.0	21	427.0	20	359.0	20	266.0	19	204.0	19	167.0	20	119.0	19
1956	650.0	13	647.0	12	641.0	10	585.0	10	514.0	7	354.0	11	255.0	15	198.0	15	133.0	17
1957	888.0	4	886.0	2	848.0	3	740.0	3	579.0	1	399.0	6	303.0	6	246.0	4	166.0	5
1958	1150.0	1	1150.0	1	1050.0	1	801.0	1	473.0	11	425.0	1	305.0	4	239.0	6	162.0	7
1959	890.0	3	872.0	3	857.0	2	781.0	2	563.0	2	423.0	2	346.0	1	273.0	1	184.0	3
1960	655.0	12	643.0	13	589.0	13	458.0	19	436.0	14	341.0	14	274.0	13	216.0	13	146.0	14
1961	670.0	10	665.0	10	564.0	16	490.0	15	417.0	16	320.0	17	234.0	18	184.0	18	138.0	15
1962	645.0	14	625.0	14	570.0	15	532.0	13	478.0	10	380.0	8	294.0	7	232.0	10	157.0	10
1963	665.0	11	657.0	11	638.0	11	469.0	17	381.0	19	251.0	20	180.0	22	140.0	22	99.0	22
1964	630.0	15	561.0	18	488.0	20	362.0	21	352.0	21	248.0	22	191.0	21	169.0	19	117.0	20
1965	896.0	2	834.0	4	782.0	5	723.0	4	545.0	4	355.0	9	287.0	9	242.0	5	175.0	4
1966	820.0	6	780.0	6	650.0	8	612.0	7	512.0	8	412.0	3	303.0	5	238.0	7	161.0	8
1967	628.0	16	610.0	16	594.0	12	589.0	9	431.0	15	355.0	10	279.0	10	234.0	8	164.0	6
1968	760.0	8	750.0	8	719.0	7	607.0	8	443.0	12	329.0	16	278.0	11	224.0	11	151.0	13
1969	628.0	17	612.0	15	573.0	14	550.0	12	489.0	9	402.0	5	327.0	3	270.0	3	188.0	1
1970	542.0	20	541.0	19	496.0	19	470.0	16	398.0	17	352.0	12	262.0	14	206.0	14	157.0	11
1971	546.0	19	533.0	20	499.0	18	460.0	18	396.0	18	315.0	18	237.0	17	186.0	17	129.0	18
1972	375.0	23	348.0	23	320.0	23	309.0	23	277.0	23	216.0	23	163.0	23	129.0	23	89.0	23
1973	690.0	9	671.0	9	643.0	9	515.0	14	442.0	13	347.0	13	274.0	12	220.0	12	153.0	12
1974	830.0	5	825.0	5	812.0	4	721.0	5	539.0	5	396.0	7	291.0	8	234.0	9	159.0	9
1975	815.0	7	763.0	7	749.0	6	643.0	6	547.0	3	409.0	4	345.0	2	271.0	2	186.0	2

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CONEJOS RIVER BELOW PLATORO RESERVOIR, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1954	0.31	2	1.40	2	3.00	6	3.40	5	4.00	4	5.50	3	6.80	3	7.20	3	7.00	2
1955	8.50	19	8.50	19	8.50	17	8.50	15	8.50	13	8.60	11	8.70	9	8.80	8	11.00	5
1956	0.00	1	0.00	1	0.16	1	2.60	2	5.00	5	5.00	2	5.20	2	5.30	2	10.00	4
1957	1.40	4	1.60	3	1.70	2	1.80	1	1.80	1	1.90	1	1.90	1	2.00	1	5.50	1
1958	1.80	5	1.90	4	2.30	4	3.00	4	3.00	2	17.00	22	17.00	22	17.00	22	79.00	21
1959	1.80	6	1.90	5	1.90	3	2.70	3	7.40	9	7.60	5	9.10	12	11.00	14	13.00	7
1960	4.10	12	4.10	10	4.10	9	4.20	8	5.60	6	12.00	18	12.00	18	12.00	20	19.00	10
1961	3.50	10	3.70	8	3.80	8	3.90	6	4.00	3	6.50	4	9.90	14	11.00	15	32.00	15
1962	11.00	22	11.00	22	11.00	22	11.00	20	12.00	21	12.00	19	12.00	19	12.00	16	28.00	13
1963	6.40	17	6.40	16	6.40	14	6.50	11	6.90	7	12.00	20	12.00	20	12.00	17	48.00	19
1964	8.50	20	10.00	21	10.00	20	10.00	19	10.00	18	10.00	15	10.00	15	10.00	13	20.00	11
1965	3.80	11	3.80	9	11.00	21	12.00	21	12.00	19	12.00	16	12.00	16	12.00	18	35.00	17
1966	2.20	7	2.30	6	2.60	5	12.00	22	12.00	20	12.00	17	12.00	17	12.00	19	91.00	22
1967	6.20	16	6.20	14	6.20	12	6.40	10	8.50	14	8.50	10	8.50	7	8.50	7	59.00	20
1968	2.70	8	2.70	7	3.70	7	4.20	7	8.30	10	8.30	7	8.40	4	8.40	4	12.00	6
1969	3.00	9	6.50	17	8.30	15	8.30	13	8.30	11	8.40	8	8.50	8	8.50	5	37.00	18
1970	8.40	18	8.40	18	8.40	16	8.40	14	8.40	12	8.40	9	8.40	5	8.50	6	24.00	12
1971	8.70	21	8.70	20	8.80	18	8.90	17	9.00	17	9.10	14	9.20	13	9.30	12	31.00	14
1972	0.60	3	6.20	15	6.20	13	8.80	16	8.80	15	8.90	12	8.90	10	9.10	10	15.00	8
1973	4.40	13	4.50	11	4.70	10	4.90	9	9.00	16	9.00	13	9.00	11	9.10	11	34.00	16
1974	4.80	14	5.70	13	10.00	19	10.00	18	14.00	22	14.00	21	14.00	21	14.00	21	15.00	9
1975	5.10	15	5.10	12	5.10	11	6.60	12	7.40	8	7.80	6	8.50	6	8.90	9	9.30	3

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
33.8	95.1	9.91	11.5	9.80	11.1	32.5	248	325	183	59.9	30.4
1522	12190	10.5	56.3	9.06	11.7	741	12910	10140	29660	1441	840
39.0	110	3.24	7.50	3.01	3.42	27.2	114	101	172	38.0	29.0
2.14	1.44	-0.11	3.83	0.18	0.31	1.34	0.21	-0.26	1.12	0.76	1.68
1.16	1.16	0.33	0.65	0.31	0.31	0.84	0.46	0.31	0.94	0.63	0.95
3.21	9.06	0.94	1.10	0.93	1.05	3.10	23.8	31.0	17.4	5.70	2.89

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.30	1.63	0.97	1.02	0.97	1.02	1.37	2.33	2.49	2.07	1.68	1.30
0.21	0.40	0.03	0.03	0.02	0.03	0.13	0.09	0.02	0.18	0.11	0.17
0.46	0.63	0.19	0.18	0.16	0.16	0.37	0.30	0.15	0.43	0.33	0.42
0.03	-0.21	-2.10	1.65	-1.40	-1.64	-0.17	-2.29	-0.76	0.14	-0.70	0.01
0.35	0.39	0.19	0.18	0.16	0.16	0.27	0.13	0.06	0.21	0.19	0.32
7.19	8.96	5.32	5.60	5.34	5.63	7.57	12.8	13.7	11.4	9.25	7.18

08245000 CONEJOS RIVER BELOW PLATORO RESERVOIR, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
87.8	366	19.1	0.26	0.22	0.373

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.93	0.01	0.10	-0.25	0.05	0.358

08245500 CONEJOS RIVER AT PLATORO, COLO.

LOCATION.--Lat 37°21'14", long 106°31'28", in sec.23, T.36 N., R.4 E., Conejos County, on left bank 0.5 mi (0.8 km) east of Platoro, 2.0 mi (3.2 km) downstream from Platoro Reservoir, 5.6 mi (9.0 km) southwest of Jasper, and 6.5 mi (10.5 km) downstream from Adams Fork.

DRAINAGE AREA.--44.4 mi² (115.0 km²).

REMARKS.--No diversion above station. Flow regulated by Platoro Reservoir (capacity, 60,000 acre-ft or 74.0 hm³) since Nov. 7, 1951.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CONEJOS RIVER AT PLATORO, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1937					28	31	4	4	68	13	13	9	6	38	3	37	3	4	4	4	2	3	1	7	6	10	4	6	8	10	21	7	7	4	
1938		18			33	34	2	17	42	21	16	5	19	6	9	6	11	12	13	5	9	4	7	8	2	4	4	10	10	4	6	13	14	1	
1939					1	67	38	9	2	17	11	40	17	9	11	7	20	20	19	6	7	4	6	4	2	3	13	14	8	9	1				
1940				31	60	1	1	9	7	17	27	48	27	8	22	9	12	5	6	7	8	4	3	7	5	11	8	9	4	9	1				
1941		19			31	28	1	33	5	17	12	15	20	14	11	5	10	8	3	6	11	7	13	9	2	4	2	10	9	11	18	16	5	10	
1942		28		31	2	2	35	34	3	8	6	20	5	4	5	2	11	8	8	11	38	9	8	10	3	8	6	3	33	3	10	11			
1943			3	32	84	3	4	41	22	14	2	2	4	10	8	6	9	6	5	3	3	6	33	11	3	7	4	15	12	9	4				
1944		1		5	98	15	69	14	7	5	1	1	4	4	36	2	9	4	4	4	3	2	3	7	3	4	3	7	5	11	8	21	6		
1945					90	35	1	6	5	5	7	18	28	44	11	5	3	5	9	4	5	6	3	4	3	18	9	12	7	12	9	1			
1946					90			33	2	7	18	13	24	18	12	13	18	14	6	34	9	8	3	8	8	9	4	4	1	3	5	1			
1947						31	28		32	32	4	4	20	22	20	14	24	15	16	7	12	4	5	11	9	9	9	13	8	8	5	3			
1948					31	41	38	35	4	7	11	2	4	14	18	13	12	11	9	3	35	5	3	7	2	8	7	10	3	7	7	8	9	2	
1949			1	7	68	34	9	42	20	19	5	4	9	2	6	4	4	4	2	32	4	1	3	8	11	8	3	12	8	10	7	8	4	4	2
1950			31	31	36	1	27	3	15	52	18	11	7	7	5	6	5	12	8	8	8	7	4	7	5	9	10	16	7	9					
1951			36	83	53	8	7	9	2	11	9	8	9	10	42	5	6	5	2	3	6	5	2	8	4	3	5	13	4	3	4				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5478	100.0	12	24.0	203	2691	49.1	24	200	68	936	17.0
1	3.50	66	5478	100.0	13	29.0	210	2488	45.4	25	230	115	868	15.8
2	4.20	71	5412	98.8	14	34.0	219	2278	41.6	26	280	91	753	13.7
3	5.00	220	5341	97.5	15	41.0	134	2059	37.6	27	330	154	662	12.0
4	5.90	705	5121	93.5	16	48.0	157	1925	35.1	28	400	127	508	9.2
5	7.10	331	4416	80.6	17	58.0	133	1768	32.3	29	470	118	381	6.9
6	8.40	264	4085	74.6	18	69.0	114	1635	29.8	30	560	106	263	4.8
7	10.00	289	3821	69.8	19	82.0	137	1521	27.8	31	670	89	157	2.8
8	12.00	236	3532	64.5	20	97.0	160	1384	25.3	32	800	45	68	1.2
9	14.00	245	3296	60.2	21	120.0	75	1224	22.3	33	950	21	23	.4
10	17.00	160	3051	55.7	22	140.0	97	1149	21.0	34	1100	2	2	
11	20.00	200	2891	52.8	23	160.0	116	1052	19.2					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CONEJOS RIVER AT PLATORO, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1937	1030.0	3	998.0	3	964.0	3	852.0	4	686.0	6	626.0	2	500.0	2	393.0	2	264.0	2
1938	999.0	4	924.0	4	903.0	4	858.0	3	806.0	2	597.0	4	471.0	3	373.0	3	258.0	3
1939	573.0	13	535.0	15	481.0	15	432.0	14	419.0	12	338.0	11	251.0	12	197.0	12	143.0	12
1940	572.0	14	550.0	13	507.0	13	430.0	15	402.0	14	308.0	13	234.0	13	183.0	13	131.0	13
1941	1090.0	2	1060.0	2	1040.0	1	947.0	1	818.0	1	674.0	1	589.0	1	470.0	1	328.0	1
1942	787.0	7	761.0	7	711.0	7	699.0	7	611.0	7	522.0	7	409.0	6	333.0	6	228.0	6
1943	655.0	11	596.0	11	570.0	11	481.0	11	460.0	9	362.0	10	301.0	10	252.0	9	176.0	10
1944	929.0	6	880.0	6	851.0	5	781.0	6	703.0	5	604.0	3	455.0	4	353.0	5	239.0	5
1945	681.0	10	654.0	9	601.0	9	561.0	8	507.0	8	415.0	8	334.0	8	266.0	8	183.0	8
1946	694.0	9	651.0	10	601.0	10	489.0	10	358.0	15	264.0	15	208.0	14	169.0	14	128.0	14
1947	734.0	8	724.0	8	642.0	8	546.0	9	453.0	10	386.0	9	305.0	9	242.0	10	182.0	9
1948	998.0	5	916.0	5	843.0	6	804.0	5	711.0	4	528.0	6	406.0	7	330.0	7	226.0	7
1949	1280.0	1	1150.0	1	1040.0	2	915.0	2	748.0	3	561.0	5	446.0	5	356.0	4	245.0	4
1950	551.0	15	542.0	14	495.0	14	476.0	12	422.0	11	333.0	12	268.0	11	216.0	11	148.0	11
1951	597.0	12	593.0	12	559.0	12	455.0	13	404.0	13	278.0	14	200.0	15	157.0	15	110.0	15

08245500 CONEJOS RIVER AT PLATORO, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CONEJOS RIVER AT PLATORO, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1938	3.50	1	3.50	1	3.50	1	3.50	1	4.90	4	6.10	9	6.80	9	8.40	10	11.00	6
1939	7.00	13	7.70	13	8.00	13	8.00	13	8.00	13	8.00	13	8.30	13	9.90	13	19.00	12
1940	5.00	8	5.00	7	5.00	6	5.00	6	5.00	5	6.00	8	6.30	8	8.80	12	13.00	9
1941	4.00	3	4.00	2	4.00	2	4.00	2	5.10	7	6.20	10	7.10	11	8.20	9	18.00	10
1942	4.00	4	4.00	3	4.00	3	4.00	3	4.10	1	4.60	1	6.10	5	7.10	6	41.00	14
1943	5.00	9	5.00	8	5.00	7	5.00	7	5.00	6	5.50	4	5.80	3	6.40	2	7.90	3
1944	3.50	2	4.90	6	5.70	9	5.80	8	5.90	8	6.00	5	6.20	6	6.80	5	7.70	2
1945	6.00	10	6.00	10	6.00	10	6.00	10	6.00	9	6.00	6	6.00	4	6.50	3	12.00	7
1946	6.00	11	6.00	11	6.00	11	6.00	11	6.00	10	6.00	7	6.30	7	7.50	8	12.00	8
1947	8.00	14	8.00	14	8.00	14	8.00	14	8.00	14	8.60	14	10.00	14	11.00	14	20.00	13
1948	7.00	12	7.00	12	7.00	12	7.00	12	7.00	12	7.50	12	8.00	12	8.50	11	19.00	11
1949	4.90	7	5.30	9	5.60	8	5.90	9	6.10	11	6.90	11	7.00	10	7.20	7	8.60	4
1950	4.50	5	4.50	4	4.50	4	4.50	4	4.50	2	5.00	2	5.50	2	6.60	4	9.90	5
1951	4.50	6	4.80	5	4.90	5	4.90	5	4.90	3	5.10	3	5.10	1	5.20	1	6.60	1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
37.1	18.9	7.42	6.69	6.85	11.9	92.2	367	494	165	44.8	34.9
1565	116	7.00	1.30	1.49	16.4	1848	10420	34260	19100	642	746
39.6	10.8	2.65	1.14	1.22	4.05	43.0	102	185	138	25.3	27.3
2.83	0.92	0.97	-0.13	-0.63	0.97	-0.36	1.01	-0.04	1.87	1.93	0.96
1.07	0.57	0.36	0.17	0.18	0.34	0.47	0.28	0.37	0.84	0.56	0.78
2.89	1.47	0.58	0.52	0.53	0.92	7.17	28.5	38.4	12.8	3.49	2.72

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.42	1.21	0.85	0.82	0.83	1.05	1.90	2.55	2.66	2.09	1.60	1.42
0.12	0.07	0.02	0.01	0.01	0.02	0.07	0.01	0.03	0.13	0.05	0.11
0.35	0.26	0.14	0.08	0.09	0.14	0.26	0.12	0.18	0.36	0.22	0.33
0.73	-0.17	0.55	-0.32	-1.30	0.22	-0.82	0.00	-0.43	-0.11	0.33	0.39
0.24	0.21	0.17	0.09	0.10	0.14	0.14	0.05	0.07	0.17	0.14	0.23
7.73	6.56	4.60	4.45	4.50	5.72	10.3	13.9	14.5	11.3	8.69	7.73

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
107	1056	32.5	0.31	0.30	0.118

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.01	0.02	0.14	-0.19	0.07	0.147

08246000 CONEJOS RIVER AT COUNSELLORS CABIN, NEAR MOGOTE, COLO.

LOCATION.--Lat 37°07'18", long 106°19'40", in SE¼SE¼ sec.5, T.33 N., R.6 E., Conejos County, 600 ft (180 km) downstream from private bridge, 0.5 mi (0.8 km) east of Counsellors Cabin, 2.4 mi (3.9 km) downstream from Elk Creek, and 14 mi (23 km) northwest of Mogote.

DRAINAGE AREA.--211 mi^2 (546 km^2).

REMARKS.--No diversion above station.

08246000 CONEJOS RIVER AT COUNSELLORS CABIN, NEAR MOGOTE, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CONEJOS R AT COUNSELLORS CABIN, NEAR MOGOTE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1944		1	2	63	37	22	49	29	9	6	7	4	11	11	8	10	2	6	3	6	5	3	2	2	2	1	3	6	1	9	11	6	11	16	2
1945				33	69	15	46	26	13	11	8	6	9	8	3	9	10	6	5	8	6	2	3	3	2	4	2	7	7	17	15	4	8		
1946		1	1	2	64	52	26	15	19	20	16	22	17	20	5	9	3	3	2	5	4	7	3	9	13	12	5	5	1	3	1				
1947						31	44	4	46	26	18	17	19	22	12	17	7	9	5	6	4	4	6	7	7	9	9	8	4	10	11	3			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1461	100.0	12	110.0	56	581	39.8	24	580	24	235	16.0
1	26.00	2	1461	100.0	13	130.0	61	525	35.9	25	660	26	211	14.4
2	30.00	3	1459	99.9	14	150.0	28	464	31.8	26	760	19	185	12.6
3	34.00	98	1456	99.7	15	170.0	45	436	29.8	27	860	26	166	11.3
4	39.00	170	1358	93.0	16	200.0	22	391	26.8	28	990	13	140	9.5
5	45.00	120	1188	81.3	17	220.0	24	369	25.3	29	1100	39	127	8.6
6	51.00	165	1068	73.1	18	260.0	15	345	23.6	30	1300	38	88	6.0
7	58.00	74	903	61.8	19	290.0	25	330	22.6	31	1500	13	50	3.4
8	67.00	87	829	56.7	20	340.0	19	305	20.9	32	1700	19	37	2.5
9	76.00	63	742	50.8	21	390.0	16	286	19.6	33	1900	16	18	1.2
10	87.00	49	679	46.5	22	440.0	14	270	18.5	34	2200	2	2	.1
11	100.00	49	630	43.1	23	500.0	21	256	17.5					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CONEJOS R AT COUNSELLORS CABIN, NEAR MOGOTE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1944	2250.0	1	2220.0	1	2010.0	1	1950.0	1	1840.0	1	1620.0	1	1230.0	1	970.0	1	665.0	1
1945	1850.0	2	1820.0	2	1630.0	2	1520.0	2	1450.0	2	1270.0	2	991.0	2	798.0	2	553.0	2
1946	1330.0	4	1260.0	4	1120.0	4	902.0	4	740.0	4	675.0	4	520.0	4	418.0	4	314.0	4
1947	1680.0	3	1530.0	3	1450.0	3	1260.0	3	1100.0	3	1010.0	3	798.0	3	639.0	3	478.0	3

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CONEJOS R AT COUNSELLORS CABIN, NEAR MOGOTE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1945	38.00	2	38.00	2	38.00	1	38.00	1	38.00	1	40.00	2	41.00	1	44.00	1	51.00	2
1946	26.00	1	35.00	1	39.00	2	39.00	2	39.00	2	39.00	1	42.00	2	44.00	2	47.00	1
1947	47.00	3	47.00	3	47.00	3	47.00	3	47.00	3	52.00	3	55.00	3	59.00	3	73.00	3

08246500 CONEJOS RIVER NEAR MOGOTE, COLO.

LOCATION.--Lat 37°03'14", long 106°11'13", in SE¼SE¼ sec.34, T.33 N., R.7 E., Conejos County, on right bank 25 ft (8 m) upstream from bridge on State Highway 174, 0.4 mi (0.6 km) downstream from Fox Creek, 5.3 mi (8.5 km) west of Mogote, and 10 mi (16 km) west of Antonito.

DRAINAGE AREA.--282 mi^2 (730 km^2).

REMARKS.--Diversions for irrigation of about 500 acres (2.02 km^2) of hay meadows above station. Some regulation by Platoro Reservoir (capacity, 60,000 acre-ft or 74.0 hm^3).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CONEJOS RIVER NEAR MOGOTE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1904		1			6			30	70	67	10	4	8	32	9	3	7	15	17	16	19	15	24	5	7					1					
1905							1			59	9	33	42	7	40	13	8	3	11	17	17	13	11	10	9	8	6	7	6	5	7	11	8	2	2
1913							1	3	42	38	80	38	35	13	11	13	5	8	9	4	3	10	9	9	7	3	8	10	4	2					
1914						1	3	6	1	3	99	16	16	2	14	23	17	13	9	27	27	17	12	11	5	11	7	3	8	10	4				
1915								31	21	52	21	16	17	7	20	22	23	4	17	14	16	4	3	11	15	9	12	8	9	12	1				
1916								11	40	29	42	21	26	19	14	8	7	8	8	6	8	9	10	20	4	12	6	11	10	18	12	7			
1917											1	91	24	18	42	21	7	12	13	18	12	13	11	5	9	9	15	8	5	6	4	21			
1918					18	16	22	16	7	60	16	15	21	9	13	22	19	12	3	5	7	6	10	12	11	4	11	9	10	7	4				
1919										64	73	17	50	20	5	9	5	9	3	12	4	5	5	8	10	21	13	15	8	7	2				
1920										31	67	52	33	23	15	11	7	8	10	2	2	8	12	5	7	7	5	6	3	5	7	18	17	5	
1921									6	64	31	22	47	11	17	27	7	10	9	8	10	20	7	12	11	7	11	5	3	6	8	6			
1922								3	85	24	47	47	9	21	2	2	9	8	5	10	6	9	5	8	8	5	5	4	3	18	8	7	7		
1923									35	53	53	7	33	1		7	6	11	14	8	14	7	10	43	2	2	2	3	5	34	8	5	2		
1924									1	14	22	65	81	10	7	11	9	11	9	12	11	6	10	14	9	12	11	1	13	15	12				
1925										44	104	18	12	9	10	11	11	15	14	13	14	6	14	4	14	12	25	11	4						

08246500 CONEJOS RIVER NEAR MOGOTE, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR THE YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CONEJOS RIVER NEAR MOGOTE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1926								7	4	11	66	71	10	15	25	17	14	11	14	9	5	5	8	9	8	6	14	7	7	16	6				
1927						1		44	6	84	21	17	3			2	16	16	10	13	11	16	16	7	7	9	5	15	25	16	3	1	1		
1928									29		67	39	9	16	25	28	31	27	11	6	8	6	1	12	12	11	5	11	6	4	2				
1929										134	9	6	33			2	7	3	6	16	13	18	28	18	7	7	9	11	11	12	15				
1930							2	37	34	38	40	10	11	15	15	13	4	6	14	23	18	10	9	17	10	11	7	8	11	2					
1931					2	4	14	97	18	13	17	16	18	20	10	25	7	14	16	16	7	11	6	7	8	7	9	3							
1932									8	2	58	39	57	16	4	9	6	13	11	13	17	8	11	7	7	11	12	6	10	15	20	6			
1933									69	39	20	51	15	9	15	24	21	17	8	7	6	5	5	8	3	3	6	8	12	11	3				
1934								32	25	52	64	47	29	12	20	15	8	4	3	9	5	5	6	10	4	13	2								
1935						7	23	18	45	54	12	9	11	12	7	13	15	9	7	13	16	13	5	10	12	3	8	10	7	4	13	7	2		
1936							1	36	44	25	12	29	25	28	22	18	17	13	9	8	5	5	4	4	13	6	9	10	14	8	1				
1937										42	48	28	22	29	28	35	15	9	7	6	2	5	4	2	4	13	7	12	23	8	5	11			
1938								21	11	43	46	23	25	19	17	11	14	17	10	9	7	11	7	5	4	3	6	9	12	21	4	10			
1939								1	3	41	88	29	23	17	14	17	14	24	17	16	5	5	4	3	10	7	16	9	2						
1940					4	2	4	9	24	69	44	33	25	20	11	19	12	11	4	9	11	4	8	5	7	13	7	9	2						
1941									3	66	37	25	32	17	15	17	14	9	8	14	12	6	5	3	2	3	6	8	11	20	13	16	3		
1942						2	7	25	36	17	19	35	25	12	10	12	10	12	14	11	16	21	9	12	8	8	5	3	7	21	8				
1943							1	10	47	57	74	11	3	5	17	17	10	11	3	8	12	3	6	14	12	17	10	10	4	3					
1944						1	3	16	34	59	51	44	12	13	7	13	8	10	6	5	8	5	3	1	3	2	3	11	9	19	14	6			
1945							1	7	63	55	36	37	16	12	12	8	6	12	7	11	9	2	5	3	4	3	9	16	18	13					
1946						1	1	9	45	37	49	27	30	33	28	20	6	8	2	4	5	8	8	9	12	15	4	2	2						
1947									4	20	53	23	48	31	22	30	11	16	14	7	7	7	9	9	7	14	7	8	14	4					
1948								1	28	34	80	25	22	16	20	13	12	8	8	7	5	4	4	8	11	10	10	4	8	7	15	5	1		
1949								3	28	63	71	25	20	16	9	5	5	4	5	5	9	2	7	6	7	19	11	11	12	11	5	4	2		
1950								12	49	38	36	46	40	14	6	4	11	4	10	12	9	8	10	7	14	21	8	6							
1951						2	21	41	77	47	23	23	19	21	6	8	6	6	5	7	6	6	6	4	14	10		2	3	2					
1952					2	4	9	52	60	37	17	3	4	11	10	7	2	6	8	4	1	4	3	5	15	27	5	13	16	30	11				
1953						2	2	21	30	76	57	24	15	9	12	15	10	12	8	14	8	3	2	6	5	5	7	13	8	1					
1954							10	32	29	50	75	16	16	16	12	13	6	7	6	4	14	8	11	10	12	11	7								
1955					2	2	4	10	31	94	42	24	13	4	15	22	22	8	4	5	10	5	6	16	9	8	6	1	2						
1956				1		11	16	24	75	46	39	18	7	8	5	11	10	12	10	10	7	4	5	3	6	8	7	8	14	1					
1957			2	2	3	11	37	42	18	18	35	17	8	10	3	2	5	7	4	13	11	11	16	7	11	10	15	5	8	12	21	1			
1958									4	12	31	80	55	34	9	14	9	3	3	7	10	6	8	18	6	7	15	6	16	12					
1959							2	17	46	33	69	38	9	22	10	11	8	12	5	8	7	11	12	6	14	16	8	1							
1960								5	62	74	12	13	15	12	12	41	9	5	3	5	19	6	10	7	12	10	9	13	10	2					
1961								8	63	36	19	25	30	11	22	24	17	10	18	6	2	5	8	12	7	9	14	6	5	8					
1962							2	1	2	23	77	55	23	26	21	15	7	12	2	6	2	3	1	6	12	17	15	12	13	12					
1963								11	36	66	51	34	26	24	7	9	15	13	12	11	4	3	5	10	10	6	5	7							
1964					2	13	26	21	71	34	20	20	12	9	8	16	16	16	20	8	4	5	7	4	10	3	3	5	8	4	1				
1965									41	68	52	9	5	12	13	15	6	8	2	6	12	6	7	20	10	11	10	10	23	15	4				
1966										18	46	39	26	25	15	17	20	30	11	21	9	9	4	21	10	12	8	7	10	7					
1967									21	36	33	41	15	2	14	29	19	12	11	20	21	14	5	23	8	14	8	11	5	3					
1968									20	52	62	25	29	17	6	12	20	8	6	12	6	14	15	7	10	9	5	4	15	12					
1969									4	39	80	37	6	4	1	10	20	16	10	13	7	20	15	18	10	21	7	4	9	14					
1970										16	54	48	11	11	22	34	19	32	16	10	6	14	7	4	8	14	16	7	5	11					
1971								1	3	16	63	57	17	17	24	24	6	9	12	18	27	22	12	4	6	12	11	4							
1972								3	48	51	38	37	22	14	23	42	8	6	10	5	8	7	15	19	9	1									
1973										28	83	43	15	13	11	25	13	8	3	16	13	8	9	4	3	5	8	13	25	15	3	1			
1974									17	92	61	28	10	11	21	19	9	8	10	10	1	13	9	17	4	3	7	11	4						
1975								4	51	58	62	19	16	17	8	8	6	7	7	10	5	5	5	5	2	7	6	14	20	22	1				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	23741	100.0	12	76.0	1442	13062	55.0	24	690	547	3700	15.5
1	10.00	1	23741	100.0	13	91.0	959	11620	48.9	25	820	613	3153	13.2
2	12.00	2	23740	100.0	14	110.0	888	10661	44.9	26	990	534	2540	10.6
3	14.00	3	23738	100.0	15	130.0	1033	9773	41.2	27	1200	485	2006	8.4
4	17.00	39	23735	100.0	16	160.0	729	8740	36.8	28	1400	537	1521	6.4
5	21.00	80	23696	99.8	17	190.0	708	8011	33.7	29	1700	544	984	4.1
6	25.00	213	23616	99.5	18	230.0	581	7303	30.8	30	2100	245	440	1.8
7	30.00	778	23403	98.6	19	270.0	678	6722	28.3	31	2500	143	195	.8
8	36.00	1774	22625	95.3	20	330.0	618	6044	25.5	32	3000	43	52	.2
9	44.00	2815	20851	87.8	21	400.0	553	5426	22.9	33	3600	7	9	
10	52.00	2994	18036	76.0	22	470.0	544	4873	20.5	34	4300	2	2	
11	63.00	1980	15042	63.4	23	570.0	629	4329	18.2					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CONEJOS RIVER NEAR MOGOTE, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1904	1900.0	44	745.0	65	684.0	65	623.0	65	525.0	65	460.0	65	379.0	65	328.0	65	288.0	62
1905	4490.0	1	4130.0	1	3670.0	1	3310.0	2	2930.0	2	2090.0	3	1570.0	4	1260.0	5	868.0	7
1913	1840.0	46	1770.0	44	1590.0	46	1430.0	46	1210.0	48	882.0	50	660.0	52	527.0	54	369.0	54
1914	2350.0	26	2240.0	22	2110.0	22	1750.0	32	1620.0	28	1190.0	35	931.0	36	781.0	34	608.0	30
1915	2430.0	20	2140.0	29	2020.0	28	1850.0	26	1560.0	33	1250.0	31	1000.0	30	849.0	30	602.0	31
1916	2960.0	11	2730.0	13	2590.0	12	2480.0	9	2180.0	10	1860.0	8	1510.0	6	1260.0	6	897.0	6
1917	2920.0	13	2850.0	10	2810.0	7	2760.0	3	2500.0	3	1850.0	9	1450.0	10	1180.0	9	833.0	11
1918	2180.0	31	2150.0	28	2070.0	25	1860.0	25	1570.0	31	1240.0	32	999.0	31	802.0	33	573.0	33
1919	2370.0	23	2180.0	27	1950.0	29	1760.0	30	1400.0	37	1230.0	34	1070.0	28	879.0	28	615.0	28
1920	3940.0	2	3760.0	2	3580.0	2	3550.0	1	3230.0	1	2670.0	1	2060.0	1	1640.0	1	1120.0	1

08246500 CONEJOS RIVER NEAR MOGOTE, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CONEJOS RIVER NEAR MOGOTE, CO.

YEAR	1	3	7	15	30	60	90	120	183
1921	2870.0 14	2740.0 12	2640.0 11	2290.0 14	1940.0 19	1410.0 26	1110.0 26	914.0 25	656.0 24
1922	3310.0 4	3260.0 3	3000.0 3	2700.0 4	2490.0 4	1920.0 6	1470.0 8	1160.0 10	795.0 14
1923	3240.0 5	3120.0 5	2880.0 5	2460.0 10	2190.0 9	1960.0 4	1510.0 7	1240.0 7	927.0 4
1924	2360.0 25	2320.0 19	2270.0 18	2130.0 17	1800.0 21	1580.0 20	1290.0 21	1060.0 19	723.0 21
1925	1570.0 53	1510.0 52	1410.0 52	1320.0 50	1200.0 49	1060.0 42	893.0 38	742.0 37	552.0 37
1926	2320.0 27	2230.0 23	2180.0 20	2020.0 21	1850.0 20	1420.0 25	1140.0 24	918.0 24	632.0 26
1927	3130.0 7	2700.0 14	2090.0 23	1870.0 24	1780.0 22	1630.0 17	1360.0 14	1100.0 15	850.0 10
1928	2200.0 29	2120.0 30	1940.0 31	1650.0 37	1300.0 44	1090.0 40	834.0 44	669.0 45	475.0 46
1929	2460.0 19	2430.0 18	2380.0 16	2120.0 18	1950.0 17	1650.0 16	1300.0 19	1110.0 14	858.0 8
1930	1860.0 45	1770.0 45	1610.0 44	1500.0 42	1350.0 40	1020.0 44	857.0 41	724.0 39	521.0 40
1931	1280.0 59	1240.0 59	1180.0 58	1090.0 57	903.0 59	661.0 60	517.0 61	426.0 60	336.0 58
1932	2800.0 15	2690.0 15	2580.0 13	2380.0 11	2110.0 13	1950.0 5	1570.0 5	1310.0 4	926.0 5
1933	2290.0 28	2220.0 24	2070.0 26	1910.0 22	1710.0 26	1260.0 28	933.0 35	746.0 36	535.0 38
1934	1080.0 64	1030.0 63	965.0 63	839.0 63	767.0 63	569.0 63	420.0 64	331.0 64	240.0 65
1935	3170.0 6	2990.0 6	2760.0 8	2630.0 5	2300.0 5	1710.0 14	1330.0 16	1080.0 16	769.0 15
1936	2120.0 32	2020.0 32	1780.0 38	1560.0 40	1460.0 34	1260.0 29	956.0 34	761.0 35	556.0 36
1937	2990.0 10	2880.0 9	2810.0 6	2580.0 6	2140.0 11	1750.0 12	1460.0 9	1160.0 11	799.0 13
1938	2940.0 12	2790.0 11	2720.0 9	2540.0 7	2230.0 8	1710.0 13	1430.0 11	1140.0 12	807.0 12
1939	1450.0 55	1390.0 55	1290.0 53	1240.0 52	1140.0 51	891.0 49	678.0 50	548.0 51	393.0 52
1940	1440.0 56	1390.0 56	1250.0 56	1090.0 58	1080.0 52	826.0 54	632.0 53	516.0 55	367.0 55
1941	3350.0 3	3250.0 4	2990.0 4	2530.0 8	2270.0 6	2180.0 2	1790.0 2	1420.0 2	989.0 2
1942	2370.0 24	2210.0 25	2150.0 21	2100.0 20	2020.0 15	1530.0 22	1190.0 23	965.0 23	669.0 23
1943	1740.0 51	1710.0 49	1500.0 50	1250.0 51	1070.0 53	998.0 46	846.0 43	693.0 43	492.0 44
1944	2700.0 16	2660.0 16	2390.0 15	2260.0 15	2110.0 14	1880.0 7	1420.0 13	1120.0 13	761.0 17
1945	1990.0 38	1980.0 33	1800.0 35	1680.0 35	1570.0 32	1440.0 24	1110.0 27	886.0 27	611.0 29
1946	1490.0 54	1420.0 53	1270.0 55	1000.0 60	807.0 62	763.0 55	578.0 57	462.0 57	343.0 57
1947	1940.0 43	1780.0 43	1700.0 42	1430.0 47	1240.0 46	1130.0 38	894.0 37	715.0 40	527.0 39
1948	3050.0 9	2890.0 8	2560.0 14	2380.0 12	2260.0 7	1690.0 15	1340.0 15	1060.0 20	726.0 19
1949	3070.0 8	2930.0 7	2670.0 10	2350.0 13	1950.0 18	1580.0 21	1320.0 17	1070.0 18	739.0 18
1950	1280.0 60	1250.0 58	1140.0 60	1120.0 55	983.0 56	855.0 52	706.0 49	586.0 48	413.0 48
1951	1810.0 47	1730.0 47	1560.0 47	1210.0 53	992.0 55	710.0 57	532.0 60	421.0 61	298.0 61
1952	2400.0 21	2300.0 20	2240.0 19	2120.0 19	1990.0 16	1820.0 10	1580.0 3	1380.0 3	981.0 3
1953	1810.0 48	1710.0 48	1550.0 49	1460.0 44	1310.0 43	896.0 48	709.0 48	573.0 49	402.0 49
1954	1160.0 63	1110.0 62	1030.0 61	966.0 61	866.0 60	697.0 59	565.0 58	456.0 58	327.0 59
1955	1440.0 57	1390.0 54	1240.0 57	1050.0 59	908.0 58	710.0 58	549.0 59	450.0 59	326.0 60
1956	1760.0 50	1700.0 50	1630.0 43	1490.0 43	1360.0 38	1010.0 45	758.0 47	610.0 47	421.0 47
1957	2510.0 18	2450.0 17	2280.0 17	2230.0 16	2120.0 12	1750.0 11	1430.0 12	1180.0 8	852.0 9
1958	1970.0 39	1860.0 40	1800.0 36	1750.0 31	1650.0 27	1250.0 30	975.0 32	807.0 32	563.0 34
1959	1230.0 62	1160.0 61	1010.0 62	944.0 62	831.0 61	651.0 61	619.0 54	508.0 56	364.0 56
1960	2050.0 35	1820.0 42	1560.0 48	1450.0 45	1330.0 42	1050.0 43	887.0 39	729.0 38	508.0 42
1961	2000.0 37	1850.0 41	1780.0 39	1650.0 36	1340.0 41	1080.0 41	826.0 45	649.0 46	481.0 45
1962	1960.0 40	1950.0 36	1880.0 32	1610.0 39	1360.0 39	1330.0 27	1130.0 25	903.0 26	621.0 27
1963	1370.0 58	1340.0 57	1280.0 54	1130.0 54	910.0 57	614.0 62	474.0 62	385.0 62	275.0 63
1964	2180.0 30	1980.0 34	1760.0 40	1620.0 38	1280.0 45	835.0 53	618.0 55	531.0 53	381.0 53
1965	2400.0 22	2210.0 26	2080.0 24	1790.0 29	1720.0 25	1520.0 23	1290.0 20	1080.0 17	768.0 16
1966	1950.0 41	1910.0 37	1730.0 41	1500.0 41	1420.0 36	1120.0 39	855.0 42	695.0 42	501.0 43
1967	1780.0 49	1750.0 46	1600.0 45	1350.0 49	1220.0 47	994.0 47	778.0 46	686.0 44	512.0 41
1968	2030.0 36	1910.0 38	1800.0 37	1710.0 33	1610.0 29	1180.0 36	960.0 33	819.0 31	583.0 32
1969	2090.0 34	2060.0 31	1950.0 30	1830.0 27	1590.0 30	1240.0 33	1030.0 29	876.0 29	647.0 25
1970	1940.0 42	1860.0 39	1810.0 34	1690.0 34	1440.0 35	1160.0 37	885.0 40	703.0 41	556.0 35
1971	1250.0 61	1230.0 60	1160.0 59	1100.0 56	1000.0 54	757.0 56	613.0 56	539.0 52	395.0 51
1972	828.0 65	803.0 64	754.0 64	722.0 64	655.0 64	560.0 64	443.0 63	366.0 63	264.0 64
1973	2640.0 17	2270.0 21	2040.0 27	1880.0 23	1780.0 23	1600.0 18	1300.0 18	1050.0 21	724.0 20
1974	1590.0 52	1560.0 51	1440.0 51	1370.0 48	1170.0 50	864.0 51	661.0 51	551.0 50	396.0 50
1975	2120.0 33	1950.0 35	1880.0 33	1790.0 28	1730.0 24	1580.0 19	1270.0 22	1020.0 22	704.0 22

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CONEJOS RIVER NEAR MOGOTE, CO.

YEAR	1	3	7	14	30	60	90	120	183
1904	30.00 27	30.00 19	30.00 15	30.00 11	30.00 6	35.00 8	37.00 8	39.00 8	52.00 19
1905	10.00 1	17.00 2	19.00 2	29.00 8	44.00 43	47.00 41	53.00 48	59.00 54	155.00 64
1913	43.00 56	43.00 54	43.00 49	43.00 44	43.00 39	44.00 33	47.00 34	50.00 38	61.00 33
1914	22.00 11	26.00 14	28.00 13	48.00 55	53.00 59	54.00 57	54.00 52	56.00 49	68.00 38
1915	30.00 28	30.00 20	32.00 18	33.00 16	34.00 15	36.00 10	41.00 17	43.00 14	80.00 47
1916	30.00 29	32.00 25	34.00 25	35.00 21	36.00 23	39.00 18	43.00 26	47.00 28	59.00 30
1917	65.00 64	65.00 64	65.00 64	65.00 64	65.00 64	68.00 64	70.00 64	79.00 65	131.00 63
1918	20.00 7	20.00 3	20.00 3	20.00 1	22.00 1	23.00 1	28.00 1	32.00 1	43.00 5
1919	50.00 62	50.00 62	50.00 61	50.00 59	50.00 54	50.00 49	51.00 44	52.00 40	60.00 32
1920	48.00 60	48.00 60	48.00 60	48.00 56	48.00 49	51.00 50	55.00 53	57.00 50	63.00 35
1921	42.00 53	42.00 50	43.00 50	44.00 46	45.00 44	47.00 42	49.00 42	55.00 46	69.00 39
1922	34.00 35	35.00 33	37.00 35	37.00 32	39.00 26	39.00 19	40.00 11	43.00 15	50.00 16
1923	38.00 43	40.00 47	40.00 44	40.00 35	41.00 34	44.00 34	48.00 38	52.00 41	52.00 20
1924	65.00 65	65.00 65	65.00 65	65.00 65	65.00 65	69.00 65	72.00 65	76.00 63	116.00 61
1925	38.00 44	43.00 51	47.00 56	47.00 54	49.00 53	51.00 51	52.00 45	53.00 43	55.00 24
1926	56.00 63	56.00 63	56.00 63	56.00 63	56.00 62	59.00 61	60.00 61	63.00 60	92.00 54
1927	24.00 15	30.00 21	30.00 14	31.00 14	33.00 12	36.00 11	40.00 12	42.00 12	46.00 8
1928	42.00 54	42.00 48	42.00 47	42.00 40	42.00 35	49.00 47	53.00 49	58.00 52	103.00 57
1929	44.00 57	46.00 59	46.00 54	46.00 51	46.00 46	47.00 43	48.00 39	48.00 34	54.00 21
1930	35.00 37	35.00 34	35.00 28	35.00 22	35.00 16	37.00 12	41.00 18	44.00 16	72.00 41

08246500 CONEJOS RIVER NEAR MOGOTE, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CONEJOS RIVER NEAR MOGOTE, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1931	20.00	8	22.00	8	23.00	6	25.00	4	29.00	5	30.00	3	31.00	2	32.00	2	38.00	2
1932	38.00	45	39.00	43	39.00	38	51.00	60	52.00	56	53.00	55	57.00	58	61.00	57	91.00	53
1933	38.00	46	38.00	41	39.00	39	40.00	36	40.00	30	43.00	32	42.00	19	44.00	17	54.00	22
1934	35.00	38	35.00	35	35.00	29	35.00	23	35.00	17	37.00	13	40.00	13	45.00	23	65.00	36
1935	23.00	12	24.00	10	25.00	7	25.00	5	27.00	4	30.00	4	34.00	6	37.00	6	45.00	7
1936	27.00	20	32.00	26	32.00	19	33.00	15	34.00	13	37.00	14	39.00	9	41.00	9	56.00	27
1937	45.00	58	45.00	56	46.00	55	47.00	52	48.00	50	51.00	52	55.00	54	63.00	61	89.00	51
1938	35.00	39	35.00	36	35.00	30	35.00	24	36.00	18	40.00	25	44.00	29	46.00	24	56.00	28
1939	35.00	40	46.00	57	48.00	57	49.00	57	51.00	55	52.00	54	53.00	50	55.00	47	82.00	48
1940	20.00	9	20.00	4	21.00	4	26.00	6	32.00	9	39.00	20	42.00	20	44.00	18	55.00	25
1941	42.00	55	43.00	52	44.00	51	45.00	49	46.00	47	47.00	44	49.00	40	52.00	42	75.00	45
1942	24.00	16	24.00	11	26.00	10	30.00	12	32.00	10	35.00	9	39.00	10	47.00	29	115.00	60
1943	28.00	21	32.00	27	34.00	26	35.00	25	36.00	19	39.00	21	42.00	21	45.00	19	48.00	12
1944	21.00	10	30.00	22	32.00	20	34.00	17	36.00	20	39.00	22	42.00	22	45.00	20	50.00	17
1945	29.00	22	31.00	23	33.00	24	36.00	26	39.00	27	41.00	26	42.00	23	45.00	21	52.00	18
1946	24.00	17	29.00	17	32.00	21	36.00	27	40.00	31	40.00	23	42.00	24	46.00	25	49.00	14
1947	41.00	52	42.00	49	44.00	52	45.00	50	49.00	51	54.00	56	56.00	56	62.00	58	76.00	46
1948	32.00	31	36.00	39	39.00	40	44.00	47	46.00	48	50.00	48	52.00	46	54.00	44	72.00	42
1949	30.00	23	35.00	37	38.00	36	40.00	37	44.00	40	46.00	38	46.00	32	48.00	35	50.00	15
1950	30.00	24	31.00	24	33.00	22	34.00	18	36.00	21	41.00	27	45.00	30	49.00	36	59.00	31
1951	23.00	13	24.00	12	27.00	11	30.00	13	33.00	11	34.00	7	36.00	7	38.00	7	43.00	6
1952	19.00	5	20.00	5	25.00	8	29.00	9	31.00	7	32.00	6	33.00	4	33.00	4	37.00	1
1953	32.00	32	34.00	30	35.00	27	37.00	33	41.00	32	45.00	35	47.00	35	47.00	30	56.00	26
1954	24.00	14	25.00	13	27.00	12	29.00	10	32.00	8	37.00	15	41.00	14	42.00	10	42.00	4
1955	17.00	4	21.00	6	25.00	9	27.00	7	34.00	14	39.00	16	41.00	15	42.00	11	48.00	13
1956	16.00	3	22.00	9	31.00	16	34.00	19	39.00	28	42.00	28	43.00	27	43.00	13	47.00	9
1957	12.00	2	13.00	1	17.00	1	22.00	2	26.00	2	30.00	5	33.00	5	32.00	3	39.00	3
1958	40.00	51	44.00	55	48.00	58	52.00	61	53.00	57	59.00	62	62.00	62	66.00	62	129.00	62
1959	25.00	18	28.00	15	33.00	23	36.00	28	39.00	29	42.00	29	46.00	33	47.00	31	54.00	23
1960	34.00	36	34.00	31	36.00	31	37.00	29	41.00	33	42.00	30	44.00	28	47.00	32	65.00	37
1961	30.00	25	30.00	18	32.00	17	34.00	20	36.00	22	39.00	17	41.00	16	46.00	26	70.00	40
1962	25.00	19	28.00	16	36.00	32	43.00	45	55.00	61	55.00	58	59.00	60	59.00	53	85.00	49
1963	30.00	26	33.00	28	36.00	33	37.00	30	38.00	24	43.00	31	45.00	31	47.00	27	91.00	52
1964	20.00	6	21.00	7	22.00	5	24.00	3	27.00	3	28.00	2	31.00	3	34.00	5	47.00	10
1965	38.00	47	39.00	44	40.00	41	41.00	38	43.00	36	47.00	45	49.00	41	48.00	33	74.00	43
1966	48.00	61	50.00	61	51.00	62	54.00	62	58.00	63	62.00	63	67.00	63	79.00	64	173.00	65
1967	38.00	48	39.00	45	41.00	45	42.00	41	44.00	41	46.00	39	53.00	47	60.00	55	105.00	58
1968	38.00	49	40.00	46	42.00	48	42.00	42	43.00	37	45.00	36	48.00	36	50.00	39	62.00	34
1969	40.00	50	43.00	53	44.00	53	45.00	48	49.00	52	51.00	53	54.00	51	54.00	45	87.00	50
1970	45.00	59	46.00	58	48.00	59	50.00	58	54.00	60	56.00	59	58.00	59	62.00	59	106.00	59
1971	33.00	34	36.00	38	40.00	42	47.00	53	53.00	58	56.00	60	57.00	57	60.00	56	99.00	56
1972	32.00	33	34.00	32	38.00	37	40.00	34	43.00	38	47.00	40	50.00	43	56.00	48	75.00	44
1973	37.00	42	38.00	42	40.00	43	41.00	39	44.00	42	48.00	46	55.00	55	57.00	51	94.00	55
1974	36.00	41	37.00	40	41.00	46	43.00	43	45.00	45	46.00	37	48.00	37	49.00	37	57.00	29
1975	31.00	30	33.00	29	36.00	34	37.00	31	38.00	25	40.00	24	42.00	25	45.00	22	47.00	11

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
115	96.9	49.9	46.4	48.9	77.8	324	1146	1301	469	201	124
7879	6530	173	98.9	73.7	481	23580	165100	382500	111900	14680	9415
88.8	80.8	13.1	9.94	8.59	21.9	154	406	618	334	121	97.0
2.23	2.62	0.69	0.52	0.01	0.75	0.86	0.40	0.37	1.09	1.30	2.12
0.77	0.83	0.26	0.21	0.18	0.28	0.47	0.35	0.48	0.71	0.60	0.78
2.88	2.42	1.25	1.16	1.22	1.95	8.09	28.7	32.5	11.7	5.02	3.10

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.97	1.89	1.68	1.66	1.68	1.87	2.46	3.03	3.05	2.55	2.23	2.00
0.07	0.07	0.01	0.01	0.01	0.01	0.04	0.03	0.06	0.12	0.07	0.08
0.27	0.26	0.11	0.09	0.08	0.12	0.20	0.16	0.25	0.34	0.26	0.28
0.74	1.11	0.22	-0.38	-0.59	0.19	0.05	-0.19	-1.16	-0.32	-0.06	0.49
0.14	0.14	0.07	0.06	0.05	0.06	0.08	0.05	0.08	0.13	0.12	0.14
7.55	7.26	6.45	6.35	6.45	7.19	9.44	11.6	11.7	9.79	8.54	7.65

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
333	11640	108	0.21	0.32	-0.034

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.50	0.02	0.15	-0.33	0.06	-0.007

08247500 SAN ANTONIO RIVER AT ORTIZ, COLO.

LOCATION.--Lat 36°59'35", long 106°02'17", in NE¼SE¼ sec.24, T.32 N., R.8 E., Rio Arriba County, New Mexico, on left bank 800 ft (240 m) south of New Mexico-Colorado State line, 0.4 mi (0.6 km) southeast of Ortiz, and 0.4 mi (0.6 km) upstream from Los Pinos River.

DRAINAGE AREA.--110 mi² (280 km²), approximately.

REMARKS.--A few small diversions above station for irrigation.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SAN ANTONIO RIVER AT ORTIZ, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1941	14						3	1	1	32	4	35	11	75	29	44	13	8	5	10	5	11	14	10	6	3	3	11	4	7	6				
1942	20							5	17	4	3	10	12	106	12	19	47	16	18	4	2	3	6	8	4	13	17	14	5						
1943							4	6	15	18	7	8	15	60	63	41	48	8	8	9	9	8	7	8	6	7	10								
1944	40						7	6	4	3	4	5	7	124	10	11	56	5	6	12	14	10	3	5	7	7	9	4	2	5					
1945	23						4	4	8	10	13	4	37	88	12	17	49	12	14	18	5	6	2	6	5	5	5	7	5	5	1				
1946	45						6	34	14	40	44	9	24	23	12	14	9	36	9	6	8	8	8	6	2	4	4								
1947	34						4	8	3	1	37	15	12	57	37	32	46	9	8	3	7	11	4	7	4	10	12	4							
1948	70						7	8	2	3	5	35	32	66	43	8	4	7	7	6	6	6	6	7	14	5	9	10							
1949	45						3	10	5	2	9	42	15	44	9	39	17	36	10	8	7	11	4	5	8	9	11	13	3						
1950	41						12	14	7	6	10	5	35	48	56	21	25	10	8	9	16	10	8	8	4	8	4								
1951	103						1		2	2	3	8	48	48	36	11	20	27	7	6	8	9	15	3	3	3	2								
1952	46						2	5	6	3	6	9	23	16	78	38	40	6	5	4	3	5	4	3	5	15	10	10	15	7	2				
1953	66						6	17	5	12	11	17	37	48	23	33	7	2	14	22	13	13	8	2	5	4									
1954	105						5	8	3	8	2	19	4	53	29	24	16	34	8	5	5	11	7	7	8	4									
1955	82								3	1	5	38	14	69	21	13	6	39	10	11	11	12	11	10	8	1									
1956	138							2	6	6	3	3	4	37	72	10	12	5	10	4	7	9	10	16	9	3									
1957	26						31		3	4	4	37	28	9	15	34	8	39	23	17	13	4	8	9	6	12	13	14	8						
1958	90							1	2	1	2	37	16	75	28	12	15	7	8	14	5	4	6	4	3	3	6	14	5	7					
1959	92						3	3	3	7	10	21	51	17	41	18	6	34	5	13	10	7	8	12	4										
1960	100						1			1	1	2	37	71	16	21	17	19	9	3	3	9	8	15	5	9	11	5	3						
1961	23						1	2	1	37	7	13	11	18	78	31	31	20	9	13	7	15	6	9	5	9	6	9	4						
1962	53						3	6	9	9	10	5	7	17	67	28	18	37	32	2	5	6	3	6	3	6	7	14	10	2					
1963	57						2	4	5	36	6	18	30	68	19	59	5	2		5	12	16	4	5	6	6									
1964	58						2	11	11	33	4	68	13	25	22	40	6	6	16	3	2	6	9	16	11	4									
1965	5						6	3	5	11	8	30	25	57	9	11	94	2	8	7	7	10	9	7	10	9	9	15	8						
1966	21						5	3	7	17	17	4	15	35	68	50	10	10	8	23	5	6	8	15	22	13	3								
1967	13						1	2	4	8	38	13	29	28	59	52	15	10	12	9	11	26	24	9	2										
1968	11		1		1		1	1	4	1	4	13	34	81	63	32	8	7	20	16	15	15	8	6	5	11	8								
1969											6	11	14	94	83	33	19	9	13	15	7	5	4	10	9	12	13	8							
1970				1			3	5	16	7	10	16	12	27	54	59	48	16	25	16	8	8	7	7	4	5	3	8							
1971	39	1	3			2	1	3	2	11	5	10	20	31	62	64	27	9	8	6	7	16	21	9	5	3									
1972	92			1		1		1		11	5	10	41	28	53	22	21	8	23	20	13	16													
1973	37		1			1	3	4	6	6	3	5	25	43	48	48	52	9	7	3	4	11	6	2	6	6	9	10	7	3					
1974	65		2				3		5	5	9	4	19	117	38	12	7	6	22	10	9	9	4	4	10	5									
1975	8						2	1	4	5	21	23	26	33	89	41	12	17	13	9	2	4	9	4	10	6	9	5	9	3					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1662	12783	100.0	12	1.4	783	9309	72.8	24	92	224	948	7.4
1	0.01	1	11121	87.0	13	1.9	1836	8526	66.7	25	130	220	724	5.6
2	0.02	7	11120	87.0	14	2.7	1454	6690	52.3	26	190	193	504	3.9
3	0.04	2	11113	86.9	15	3.9	1042	5236	41.0	27	260	175	311	2.4
4	0.05	1	11111	86.9	16	5.5	834	4194	32.8	28	380	88	136	1.0
5	0.08	4	11110	86.9	17	7.8	527	3360	26.3	29	530	39	48	.3
6	0.10	132	11106	86.9	18	11.0	408	2833	22.2	30	760	9	9	
7	0.20	178	10974	85.8	19	16.0	341	2425	19.0	31	1100			
8	0.30	188	10796	84.5	20	23.0	271	2084	16.3	32				
9	0.50	361	10608	83.0	21	32.0	336	1813	14.2	33				
10	0.70	336	10247	80.2	22	46.0	269	1477	11.6	34				
11	1.00	602	9911	77.5	23	65.0	260	1208	9.5					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SAN ANTONIO RIVER AT ORTIZ, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1941	1050.0	1	981.0	1	872.0	1	718.0	1	522.0	1	304.0	2	214.0	2	162.0	2	108.0	2
1942	472.0	11	423.0	11	375.0	11	301.0	13	272.0	12	224.0	6	158.0	6	120.0	6	80.0	6
1943	256.0	19	248.0	19	230.0	19	202.0	19	144.0	20	91.0	21	63.0	21	49.0	21	34.0	21
1944	640.0	6	621.0	5	530.0	5	401.0	8	284.0	10	169.0	12	118.0	12	90.0	12	60.0	12
1945	774.0	2	674.0	3	607.0	3	486.0	3	334.0	6	195.0	10	134.0	10	102.0	10	68.0	10
1946	220.0	22	216.0	21	196.0	21	140.0	23	94.0	24	56.0	26	39.0	28	30.0	28	20.0	29
1947	333.0	17	325.0	17	287.0	17	248.0	16	205.0	17	125.0	17	86.0	17	66.0	17	44.0	17
1948	352.0	15	329.0	15	298.0	16	249.0	15	217.0	16	143.0	16	99.0	16	75.0	16	50.0	16
1949	435.0	14	382.0	14	342.0	14	309.0	11	275.0	11	181.0	11	127.0	11	97.0	11	65.0	11
1950	234.0	20	227.0	20	196.0	22	159.0	21	116.0	22	74.0	22	53.0	22	41.0	22	28.0	22
1951	207.0	24	193.0	24	161.0	24	107.0	27	80.0	30	51.0	32	37.0	31	29.0	30	20.0	30
1952	768.0	3	753.0	2	687.0	2	571.0	2	484.0	2	343.0	1	242.0	1	183.0	1	121.0	1
1953	150.0	30	142.0	30	131.0	28	100.0	30	72.0	32	48.0	33	36.0	32	28.0	32	19.0	33
1954	163.0	29	153.0	28	138.0	26	115.0	25	85.0	27	52.0	28	38.0	30	29.0	31	20.0	31
1955	142.0	32	124.0	32	109.0	32	90.0	32	77.0	31	52.0	29	39.0	29	30.0	29	21.0	27

08247500 SAN ANTONIO RIVER AT ORTIZ, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SAN ANTONIO RIVER AT ORTIZ, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1956	144.0	31	131.0	31	123.0	31	106.0	28	90.0	25	63.0	24	45.0	24	34.0	25	23.0	25
1957	492.0	9	431.0	10	423.0	9	328.0	10	306.0	8	231.0	4	164.0	3	126.0	3	87.0	3
1958	651.0	4	642.0	4	598.0	4	469.0	4	392.0	3	229.0	5	159.0	5	120.0	7	79.0	7
1959	120.0	33	112.0	33	96.0	33	85.0	33	65.0	33	44.0	34	32.0	34	25.0	34	17.0	34
1960	436.0	13	421.0	12	365.0	12	289.0	14	221.0	14	154.0	13	109.0	13	82.0	15	55.0	15
1961	441.0	12	397.0	13	342.0	13	308.0	12	235.0	13	154.0	14	109.0	14	83.0	13	56.0	13
1962	581.0	7	547.0	8	484.0	8	451.0	5	375.0	4	235.0	3	160.0	4	123.0	4	83.0	4
1963	185.0	26	168.0	25	132.0	27	101.0	29	80.0	28	51.0	30	36.0	33	27.0	33	19.0	32
1964	182.0	27	164.0	26	141.0	25	114.0	26	94.0	23	67.0	23	47.0	23	36.0	23	24.0	23
1965	482.0	10	463.0	9	402.0	10	333.0	9	306.0	9	215.0	7	157.0	7	120.0	5	81.0	5
1966	210.0	23	199.0	23	189.0	23	154.0	22	129.0	21	109.0	18	81.0	18	62.0	18	42.0	18
1967	98.0	34	95.0	34	74.0	34	67.0	34	57.0	34	51.0	31	40.0	26	32.0	26	22.0	26
1968	225.0	21	210.0	22	197.0	20	180.0	20	149.0	19	92.0	20	66.0	20	51.0	20	37.0	19
1969	304.0	18	292.0	18	267.0	18	246.0	17	219.0	15	154.0	15	108.0	15	82.0	14	56.0	14
1970	343.0	16	327.0	16	299.0	15	243.0	18	160.0	18	98.0	19	68.0	19	52.0	19	36.0	20
1971	186.0	25	161.0	27	129.0	29	99.0	31	80.0	29	60.0	25	44.0	25	34.0	24	24.0	24
1972	43.0	35	41.0	35	39.0	35	33.0	35	27.0	35	25.0	35	19.0	35	15.0	35	11.0	35
1973	644.0	5	605.0	6	491.0	7	435.0	6	334.0	5	208.0	8	143.0	8	109.0	8	73.0	8
1974	172.0	28	151.0	29	127.0	30	117.0	24	86.0	26	53.0	27	39.0	27	30.0	27	20.0	28
1975	570.0	8	561.0	7	513.0	6	414.0	7	307.0	7	201.0	9	138.0	9	106.0	9	71.0	9

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SAN ANTONIO RIVER AT ORTIZ, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1941	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.38	19	0.54	13	1.20	15	1.70	15
1942	0.00	2	0.00	2	0.00	2	0.00	2	0.44	24	2.00	31	2.30	32	3.10	33	3.80	33
1943	0.00	3	0.00	3	0.00	3	0.05	27	0.68	28	1.10	24	1.20	23	1.80	22	2.10	22
1944	0.10	33	0.10	32	0.23	32	0.33	31	1.00	31	2.10	32	2.20	30	2.90	32	2.90	31
1945	0.00	4	0.00	4	0.00	4	0.00	3	0.01	19	0.32	16	0.68	15	1.30	16	1.90	18
1946	0.00	5	0.00	5	0.00	5	0.00	4	0.20	22	0.35	17	0.50	12	0.98	13	1.10	5
1947	0.00	6	0.00	6	0.00	6	0.00	5	0.00	2	0.36	18	0.85	17	2.00	28	2.50	28
1948	0.00	7	0.00	7	0.00	7	0.00	6	0.86	30	1.20	25	1.60	26	1.80	23	2.00	21
1949	0.00	8	0.00	8	0.00	8	0.00	7	0.00	3	0.03	6	0.03	4	0.27	6	1.00	3
1950	0.00	9	0.00	9	0.00	9	0.00	8	0.00	4	0.11	12	0.85	18	1.60	20	1.90	19
1951	0.00	10	0.00	10	0.00	10	0.04	26	0.14	21	0.53	20	0.93	19	1.20	14	1.80	16
1952	0.00	11	0.00	11	0.00	11	0.00	9	0.00	5	0.00	1	0.00	1	0.00	1	0.45	1
1953	0.00	12	0.00	12	0.00	12	0.01	24	0.59	26	1.50	28	1.70	27	1.90	24	2.40	24
1954	0.00	13	0.00	13	0.00	13	0.00	10	0.00	6	0.07	9	0.15	6	0.20	4	1.40	9
1955	0.00	14	0.00	14	0.00	14	0.00	11	0.00	7	0.04	7	0.17	7	0.47	9	1.00	4
1956	0.00	15	0.00	15	0.00	15	0.00	12	0.00	8	0.06	8	0.44	11	0.83	12	1.50	12
1957	0.00	16	0.00	16	0.00	16	0.00	13	0.00	9	0.00	2	0.11	5	0.26	5	0.57	2
1958	0.40	34	0.60	34	1.00	34	1.20	34	1.20	33	1.60	29	1.70	28	1.90	25	2.40	25
1959	0.00	17	0.00	17	0.00	17	0.00	14	0.00	10	0.09	10	0.41	10	0.39	7	1.40	10
1960	0.00	18	0.00	18	0.00	18	0.00	15	0.00	11	0.13	13	0.26	9	0.42	8	2.00	20
1961	0.00	19	0.00	19	0.00	19	0.00	16	0.00	12	0.00	3	0.02	3	0.09	2	1.90	17
1962	0.00	20	0.00	20	0.00	20	0.04	25	2.10	34	3.10	34	3.90	35	3.90	34	4.60	34
1963	0.00	21	0.00	21	0.00	21	0.00	17	0.00	13	0.13	14	0.23	8	0.59	10	1.30	6
1964	0.00	22	0.00	22	0.00	22	0.00	18	0.00	14	0.01	5	0.77	16	1.30	17	1.50	11
1965	0.00	23	0.00	23	0.00	23	0.00	19	0.00	15	0.73	21	1.10	21	1.30	18	1.60	13
1966	0.00	24	0.00	24	0.10	31	0.20	30	0.56	25	1.20	26	2.00	29	2.70	31	2.90	32
1967	0.00	25	0.00	25	0.00	24	0.16	28	0.37	23	0.99	22	1.50	24	2.00	26	2.80	30
1968	0.00	26	0.00	26	0.00	25	0.20	29	1.10	32	1.70	30	2.50	33	2.50	30	2.60	29
1969	0.00	27	0.00	27	0.00	26	0.45	32	0.61	27	2.10	33	2.30	31	2.20	29	2.40	26
1970	0.70	35	0.90	35	1.20	35	1.50	35	3.00	35	3.50	35	3.90	34	4.40	35	5.40	35
1971	0.04	32	0.14	33	0.26	33	0.52	33	0.78	29	1.30	27	1.60	25	2.00	27	2.50	27
1972	0.00	28	0.00	28	0.00	27	0.00	20	0.11	20	1.00	23	1.20	22	1.60	21	2.30	23
1973	0.00	29	0.00	29	0.00	28	0.00	21	0.00	16	0.00	4	0.00	2	0.16	3	1.40	7
1974	0.00	30	0.00	30	0.00	29	0.00	22	0.00	17	0.30	15	1.00	20	1.40	19	1.70	14
1975	0.00	31	0.00	31	0.00	30	0.00	23	0.00	18	0.09	11	0.59	14	0.63	11	1.40	8

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.73	3.66	2.49	1.98	3.41	14.4	101	146	15.1	2.39	3.59	1.19
3.57	2.06	1.66	1.45	4.57	225	4857	15900	459	7.98	19.1	1.46
1.89	1.44	1.29	1.20	2.14	15.0	69.7	126	21.4	2.83	4.37	1.21
1.51	1.11	2.55	0.99	2.65	2.41	1.49	0.94	2.78	1.70	1.70	0.66
0.69	0.39	0.52	0.61	0.63	1.04	0.69	0.86	1.42	1.18	1.22	1.01
0.91	1.23	0.83	0.67	1.14	4.82	33.9	49.1	5.07	0.80	1.20	0.40

08247500 SAN ANTONIO RIVER AT ORTIZ, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.36	0.53	0.35	0.19	0.46	1.02	1.91	1.96	0.80	0.23	0.18	-0.19
0.09	0.03	0.04	0.13	0.08	0.11	0.08	0.23	0.41	0.16	0.47	0.61
0.30	0.17	0.19	0.36	0.28	0.32	0.29	0.48	0.64	0.40	0.68	0.78
-0.76	-0.52	0.22	-1.48	-0.94	0.94	0.06	-0.58	-0.29	0.34	-0.53	-1.68
0.86	0.33	0.55	1.90	0.60	0.32	0.15	0.25	0.80	1.78	3.71	-4.20
4.55	6.81	4.51	2.45	5.87	13.0	24.5	25.1	10.3	2.90	2.36	-2.38

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
25.0	211	14.5	0.69	0.58	-0.131

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.32	0.07	0.27	-0.07	0.20	-0.124

08248000 LOS PINOS RIVER NEAR ORTIZ, COLO.

LOCATION.--Lat 36°58'56", long 106°04'23", on line between secs.26 and 27, T.32 N., R.8 E., Rio Arriba County, New Mexico, on left bank 0.9 mi (1.4 km) south of New Mexico-Colorado State line, 2.1 mi (3.4 km) southwest of Ortiz, and 2.9 mi (4.7 km) upstream from mouth.

DRAINAGE AREA.--167 mi^2 (433 km^2).

REMARKS.--Diversions above station for irrigation.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LOS PINOS RIVER NEAR ORTIZ, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1916									2	5	71	44	45	15	8	2	39	4	19	11	7	10	8	6	5	3	5	11	9	25	7	4	1		
1917											8	111	12	9	4	36	40	6	13	4	4	42	14	3	3	7	6	11	12	10	7	3			
1918						62		1	42	45	15	25	29	24	5	5	4	9	8	12	4	10	4	5	4	11	21	11	9						
1919									3	19	13	90	43	4	2	5	40	12	20	15	9	12	7	6	11	10	4	3	15	13	8	1			
1920							11		10	29	52	72	25	12	7	4	16	14	9	9	8	9	8	4	5	2	6	9	7	7	11	12	6	2	
1925									1	9	33	92	20	11	10	24	48	10	14	8	11	11	6	6	10	10	17	13	1						
1926										1	62	42	39	36	15	51	17	7	6	4	5	15	2	3	3	6	8	14	12	13	4				
1927									29	31	54	60	9	8	9	22	6	14	13	14	13	5	4	6	7	5	13	11	9	8	12	3			
1928										30	61	48	4	34	34	44	19	10	13	11	3	5	3	1	2	8	9	10	8	9					
1929									31	51	67	2			31	8	9	28	25	19	8	8	7	10	9	6	11	9	8	17	1				
1930								15	38	33	29	43	2	4	9	72	9	16	8	6	1	3	3	4	7	8	14	19	12	9	1				
1931									46	81	36	59	14	12	10	15	9	7	6	12	9	8	11	17	4	4	5								
1932									62	50	19		11	34	27	17	13	16	3	7	1	6	6	6	10	8	7	14	20	10	5	13	1		
1933											95	43	24	62	11	5	9	19	17	10	12	11	4	3	5	5	7	6	3	8	5	1			
1934						2	8	52	38	57	26	19	37	8	12	36	6	7	9	4	3	13	10	9	6	3									
1935							31	31	9	41	17	60	4	10	11	11	22	9	8	9	5	7	7	10	6	6	5	9	15	12	10				
1936								31	31	52	7	39	27	38	32	6	10	8	10	5	2	10	5	3	7	6	6	8	2	8	10	3			
1937										14	18	70	38	38	16	27	39	7	5	7	2	4	3	5	9	9	3	6	10	7	8	8	9	3	
1938								31	31	25	48	18	13	48	24	19	6	6	7	7	2	6	4	6	8	7	8	7	9	12	4	8	1		
1939									2	13	92	76	31	11	7	37	5	3	7	4	4	15	8	14	2	5	8	6	7	7	1				
1940									31	31	87	65	11	12	8	4	33	3	4	12	4	7	3	10	10	10	16	5							
1941											73	78	20	26	22	14	21	12	10	2	3	9	4	3	5	4	4	10	13	8	7	8	5	3	1
1942										98	15	15	16	45	18	13	18	7	14	20	4	6	2	4	6	14	6	10	12	10	4	8			
1943										14	105	61	40	18	12	10	6	4	3	6	4	12	3	14	16	17	2	3	3	12					
1944								1	1	52	83	71	31	8	5	3	9	2	14	10	3	4	6	5	5	10	5	8	2	7	9	8		4	
1945										26	56	63	46	44	18	20	6	3	5	5	8	2	5	6	5	8	7	4	7	8	3	9	1		
1946						2			15	49	71	60	48	13	12	9	10	10	9	13	4	12	4	1	6	7	4	3	3						
1947										5	39	37	37	51	43	26	20	12	13	6	9	10	2	5	11	12	10	6	2	6	3				
1948									2	25	43	92	48	18	17	14	9	6	7	4	6	5	2	6	6	4	11	9	11	16	4	1			
1949										71	73	38	27	16	21	11	2	8	5	6	5	5	5	5	3	2	11	20	18	9	3	1			
1950								9	12	20	64	69	38	22	16	23	5	3	2	9	5	6	11	22	12	1	7	6	3						
1951					1	6	16	13	15	26	72	55	59	19	7	3	3	4	4	13	5	9	6	8	5	13	3								
1952								4	64	68	56	13	4	11	10	8	3	11	7	7	2	7	5	7	6	6	6	8	8	11	18	4	5	7	
1953								22	13	13	108	73	8	22	17	3	5	8	5	2	2	10	20	8	8	7	5	5	1						
1954								6	12	50	38	70	65	30	16	3	5	4	4	6	3	4	6	13	12	8	5	5							
1955								2	70	84	18	23	36	23	21	9	4	5	6	5	6	4	7	10	8	14	8	2							

08248000 LOS PINOS RIVER NEAR ORTIZ, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LOS PINOS RIVER NEAR ORTIZ, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1956						1	14	36	62	49	52	27	10	14	5	4	3	3	7	10	5	6	5	7	18	17	2	5	4						
1957							11	33	22	50	8	43	28	10	8	4	9	7	7	7	8	22	6	7	4	10	11	8	14	10	6	11	1		
1958										2	67	53	70	54	32	6	8	4	2	3	2	5	4	2	5	8	5	6	4	8	11	4			
1959							7	13	38	43	88	35	10	39	3	4	6	11	9	6	4	11	14	6	6	6	6								
1960							2	7	17	82	41	19	33	26	22	8	9	5	5	7	2	5	5	11	8	22	9	10	10	1					
1961								2	47	69	17	19	40	23	22	14	16	15	6	5	3	6	10	4	2	5	15	12	7	3	3				
1962									10	13	21	58	29	86	22	21	9	2	3	9	3	7	7	2	3	14	5	11	6	9	10	5			
1963							2	5	16	128	48	45	18	10	6	4	3	8	5	9	5	16	8	17	7	5									
1964							62	30	8	45	55	19	17	24	18	9	10	8	5	8	3	7	7	7	5	1	10	4	4						
1965									60	49	61	5	18	11	8	8	22	10	6	10	7	4	6	3	4	12	4	16	19	13	4	2	3		
1966										2	26	80	60	46	22	12	18	10	4	6	5	9	10	10	8	11	11	4	10	1					
1967									3	10	64	75	3	16	21	29	22	15	11	14	9	19	10	10	9	13	10	2							
1968										2	95	62	36	13	20	12	6	14	25	10	5	9	2	5	9	10	6	12	10	2	1				
1969										3	59	86	26	18	19	9	11	10	23	14	10	9	4	7	5	7	13	9	16	7					
1970											7	42	62	34	26	46	27	21	24	10	7	11	8	9	4	4	4	4	6	2	7				
1971									1	9	36	32	47	65	39	27	5	6	6	4	2	13	32	24	12	5									
1972								4	20	31	39	51	58	32	18	9	9	10	10	24	10	32	5	3	1										
1973									4			77	88	32	30	17	11	9	7	5	5	6	4	7	6	7	11	2	15	11	8	1	2		
1974									1	47	86	61	30	26	18	14	9	9	5	9	2	6	5	8	7	5	11	4	2						
1975									1	41	93	72	15	13	19	4	5	5	4	2	5	8	8	16	6	5	4	10	10	9	2	8			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	20454	100.0	12	21.0	1659	11411	55.8	24	270	376	2723	13.3
1	2.00	0	20454	100.0	13	26.0	1388	9752	47.7	25	330	433	2347	11.4
2	2.50	0	20454	100.0	14	32.0	925	8364	40.9	26	410	410	1914	9.3
3	3.10	0	20454	100.0	15	40.0	880	7439	36.4	27	510	400	1504	7.3
4	3.80	1	20454	100.0	16	49.0	743	6559	32.1	28	630	388	1104	5.3
5	4.70	73	20453	100.0	17	61.0	496	5816	28.4	29	780	338	716	3.5
6	5.80	164	20380	99.6	18	75.0	506	5320	26.0	30	970	197	378	1.8
7	7.20	348	20216	98.8	19	93.0	476	4814	23.5	31	1200	126	181	.8
8	8.90	920	19868	97.1	20	120.0	288	4338	21.2	32	1500	35	55	.2
9	11.00	1893	18948	92.6	21	140.0	533	4050	19.8	33	1800	19	20	
10	14.00	2787	17055	83.4	22	180.0	375	3517	17.2	34	2300	1	1	
11	17.00	2857	14268	69.8	23	220.0	419	3142	15.4					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LOS PINOS RIVER NEAR ORTIZ, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1916	1500.0	9	1440.0	10	1320.0	11	1100.0	12	992.0	8	828.0	7	636.0	7	504.0	7	351.0	7
1917	1300.0	16	1270.0	15	1030.0	21	932.0	21	823.0	21	680.0	16	511.0	18	416.0	15	288.0	15
1918	714.0	38	694.0	38	649.0	38	610.0	38	564.0	36	468.0	31	357.0	32	285.0	31	195.0	32
1919	1200.0	23	1150.0	20	999.0	23	913.0	22	874.0	19	678.0	17	521.0	16	416.0	16	297.0	12
1920	2240.0	3	1960.0	3	1790.0	3	1570.0	4	1360.0	1	1020.0	2	751.0	2	590.0	2	399.0	2
1925	638.0	44	591.0	45	567.0	44	517.0	41	492.0	38	405.0	39	316.0	38	251.0	38	185.0	35
1926	1110.0	26	1040.0	26	962.0	27	807.0	28	775.0	24	647.0	22	482.0	22	374.0	21	257.0	22
1927	1300.0	17	1260.0	16	1170.0	17	994.0	19	942.0	12	718.0	12	544.0	12	429.0	12	305.0	9
1928	942.0	34	885.0	35	796.0	34	758.0	32	631.0	32	477.0	30	342.0	34	268.0	35	185.0	36
1929	976.0	32	952.0	29	945.0	28	882.0	24	800.0	23	606.0	24	455.0	24	364.0	24	270.0	19
1930	1020.0	29	903.0	34	816.0	33	747.0	33	677.0	28	602.0	25	467.0	23	366.0	23	253.0	24
1931	476.0	51	456.0	51	416.0	51	353.0	52	300.0	52	229.0	52	177.0	51	142.0	51	100.0	51
1932	1500.0	10	1430.0	11	1400.0	7	1340.0	6	1130.0	6	876.0	5	717.0	5	572.0	4	392.0	3
1933	1220.0	21	1090.0	24	984.0	24	956.0	20	743.0	26	480.0	29	359.0	31	286.0	29	198.0	30
1934	360.0	55	344.0	55	330.0	54	286.0	54	249.0	54	181.0	55	136.0	55	108.0	56	76.0	56
1935	1140.0	24	1120.0	22	1070.0	19	1020.0	18	880.0	17	692.0	15	535.0	14	422.0	13	290.0	14
1936	1300.0	18	1240.0	19	1150.0	18	1050.0	14	854.0	20	601.0	26	432.0	26	334.0	27	232.0	27
1937	1920.0	4	1810.0	5	1780.0	4	1670.0	2	1340.0	4	1010.0	3	751.0	3	577.0	3	388.0	4
1938	1600.0	7	1420.0	12	1320.0	12	1090.0	13	901.0	16	757.0	10	563.0	10	438.0	10	298.0	11
1939	981.0	31	937.0	30	880.0	32	782.0	31	636.0	31	441.0	36	336.0	35	263.0	36	180.0	37
1940	563.0	47	559.0	46	535.0	46	434.0	46	425.0	42	343.0	41	259.0	41	207.0	41	143.0	41
1941	2410.0	1	2240.0	1	1930.0	2	1600.0	3	1350.0	3	981.0	4	723.0	4	558.0	5	379.0	5
1942	1390.0	14	1310.0	14	1240.0	14	1040.0	15	968.0	10	722.0	11	559.0	11	433.0	11	293.0	13
1943	938.0	35	928.0	31	892.0	30	831.0	27	617.0	34	456.0	34	364.0	29	286.0	30	197.0	31
1944	1920.0	5	1890.0	4	1620.0	5	1430.0	5	1180.0	5	797.0	8	578.0	9	450.0	9	302.0	10
1945	1500.0	11	1460.0	9	1400.0	8	1200.0	8	986.0	9	670.0	18	483.0	21	373.0	22	254.0	23
1946	671.0	40	655.0	41	606.0	41	498.0	44	377.0	47	248.0	49	184.0	50	143.0	50	104.0	50
1947	1140.0	25	1070.0	25	964.0	26	787.0	30	620.0	33	463.0	32	346.0	33	272.0	34	190.0	34
1948	1230.0	20	1140.0	21	1020.0	22	858.0	25	807.0	22	667.0	19	498.0	20	385.0	20	260.0	21
1949	1200.0	22	1100.0	23	982.0	25	838.0	26	773.0	25	665.0	20	514.0	17	401.0	18	272.0	18
1950	671.0	41	660.0	39	605.0	42	548.0	40	419.0	44	330.0	42	259.0	42	205.0	42	143.0	42
1951	459.0	52	444.0	52	404.0	52	356.0	51	325.0	49	234.0	51	172.0	53	135.0	53	96.0	53
1952	2280.0	2	2210.0	2	1980.0	1	1760.0	1	1360.0	2	1110.0	1	852.0	1	668.0	1	449.0	1
1953	632.0	45	597.0	44	550.0	45	424.0	47	316.0	50	294.0	45	223.0	44	175.0	45	122.0	45
1954	569.0	46	554.0	47	525.0	47	454.0	45	368.0	48	285.0	48	207.0	48	162.0	49	115.0	48
1955	561.0	48	491.0	49	419.0	50	405.0	49	378.0	46	294.0	46	216.0	46	170.0	46	120.0	46

08248000 LOS PINOS RIVER NEAR ORTIZ, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LOS PINOS RIVER NEAR ORTIZ, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1956	674.0	39	659.0	40	624.0	40	509.0	43	441.0	40	351.0	40	269.0	40	210.0	40	143.0	43
1957	1500.0	12	1470.0	8	1430.0	6	1320.0	7	1070.0	7	841.0	6	655.0	6	529.0	6	365.0	6
1958	1340.0	15	1250.0	18	1210.0	15	1120.0	10	941.0	13	638.0	23	448.0	25	343.0	25	233.0	26
1959	498.0	50	481.0	50	439.0	49	362.0	50	309.0	51	226.0	53	176.0	52	138.0	52	97.0	52
1960	821.0	36	777.0	36	670.0	37	617.0	37	487.0	39	459.0	33	372.0	28	293.0	28	199.0	28
1961	1050.0	28	1010.0	28	893.0	29	720.0	35	640.0	30	494.0	28	362.0	30	281.0	32	198.0	29
1962	1280.0	19	1260.0	17	1210.0	16	1030.0	17	948.0	11	706.0	14	528.0	15	409.0	17	278.0	17
1963	380.0	53	358.0	54	312.0	55	279.0	55	242.0	55	217.0	54	168.0	54	132.0	54	91.0	54
1964	660.0	42	653.0	42	633.0	39	551.0	39	432.0	41	287.0	47	206.0	49	164.0	48	115.0	49
1965	1670.0	6	1600.0	6	1370.0	9	1040.0	16	875.0	18	769.0	9	615.0	8	484.0	8	332.0	8
1966	780.0	37	770.0	37	746.0	36	671.0	36	540.0	37	407.0	38	318.0	37	251.0	37	175.0	39
1967	560.0	49	533.0	48	467.0	48	410.0	48	386.0	45	307.0	43	246.0	43	199.0	43	152.0	40
1968	984.0	30	910.0	33	791.0	35	730.0	34	616.0	35	455.0	35	331.0	36	273.0	33	194.0	33
1969	942.0	33	928.0	32	883.0	31	800.0	29	701.0	27	555.0	27	421.0	27	337.0	26	239.0	25
1970	1060.0	27	1030.0	27	1030.0	20	886.0	23	668.0	29	431.0	37	313.0	39	246.0	39	180.0	38
1971	371.0	54	365.0	53	342.0	53	302.0	53	270.0	53	243.0	50	222.0	45	180.0	44	129.0	44
1972	284.0	56	265.0	56	228.0	56	189.0	56	182.0	56	156.0	56	134.0	56	111.0	55	79.0	55
1973	1520.0	8	1480.0	7	1250.0	13	1110.0	11	937.0	14	714.0	13	537.0	13	417.0	14	282.0	16
1974	644.0	43	635.0	43	578.0	43	511.0	42	424.0	43	295.0	44	214.0	47	168.0	47	120.0	47
1975	1440.0	13	1420.0	13	1330.0	10	1130.0	9	928.0	15	663.0	21	507.0	19	395.0	19	268.0	20

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LOS PINOS RIVER NEAR ORTIZ, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1916	10.00	30	11.00	33	14.00	46	15.00	46	16.00	50	16.00	42	17.00	41	18.00	40	19.00	38
1917	18.00	54	18.00	54	18.00	53	18.00	53	18.00	53	18.00	50	19.00	48	25.00	55	40.00	55
1918	5.00	4	5.00	1	5.00	1	5.00	1	5.00	1	5.00	1	6.60	1	8.20	2	11.00	3
1919	12.00	42	12.00	39	12.00	34	12.00	32	13.00	30	17.00	48	17.00	42	18.00	41	19.00	39
1920	7.00	10	8.00	12	10.00	19	11.00	28	14.00	38	16.00	43	17.00	43	18.00	42	18.00	32
1926	15.00	51	15.00	50	15.00	47	15.00	47	15.00	45	17.00	49	20.00	49	22.00	50	29.00	50
1927	10.00	31	10.00	23	10.00	20	10.00	19	10.00	17	12.00	25	13.00	24	14.00	23	15.00	18
1928	13.00	47	13.00	45	13.00	40	13.00	33	13.00	31	14.00	30	15.00	34	18.00	43	29.00	51
1929	10.00	32	10.00	24	10.00	21	10.00	20	10.00	18	11.00	15	12.00	14	13.00	15	14.00	11
1930	8.00	15	8.00	13	8.00	9	8.00	7	10.00	19	11.00	16	11.00	11	12.00	11	28.00	48
1931	10.00	33	10.00	25	10.00	22	10.00	21	10.00	20	11.00	17	12.00	15	13.00	16	16.00	23
1932	9.00	22	9.00	20	9.00	16	9.00	14	10.00	21	10.00	13	11.00	12	12.00	12	18.00	33
1933	15.00	52	15.00	51	15.00	48	15.00	48	15.00	46	15.00	34	15.00	35	16.00	30	18.00	34
1934	8.00	16	8.00	14	8.00	10	8.00	8	8.00	6	9.00	7	9.60	5	13.00	17	18.00	35
1935	5.00	5	5.70	3	6.70	5	7.00	5	7.00	3	7.50	3	8.90	3	10.00	4	12.00	8
1936	8.00	17	8.00	15	8.00	11	8.00	9	8.00	7	8.50	5	9.60	6	10.00	5	14.00	12
1937	20.00	55	20.00	55	20.00	55	20.00	55	20.00	55	20.00	54	22.00	55	24.00	53	33.00	52
1938	8.00	18	8.00	16	8.00	12	8.00	10	8.00	8	9.00	8	9.70	7	11.00	6	14.00	13
1939	14.00	48	14.00	46	15.00	49	15.00	49	15.00	47	15.00	35	16.00	36	17.00	37	23.00	43
1940	9.60	24	10.00	26	10.00	23	10.00	22	10.00	22	12.00	26	14.00	28	15.00	24	16.00	24
1941	11.00	34	12.00	40	12.00	35	14.00	42	15.00	48	16.00	44	17.00	44	17.00	38	18.00	36
1942	11.00	35	11.00	34	11.00	28	11.00	29	11.00	23	11.00	18	12.00	16	16.00	31	33.00	53
1943	12.00	43	12.00	41	12.00	36	13.00	34	14.00	39	15.00	36	16.00	37	16.00	32	16.00	25
1944	8.00	19	10.00	27	12.00	37	13.00	35	13.00	32	14.00	31	14.00	29	15.00	25	16.00	26
1945	11.00	36	11.00	35	12.00	38	12.00	30	13.00	33	15.00	37	16.00	38	16.00	33	17.00	27
1946	4.80	2	7.80	11	10.00	24	10.00	23	11.00	24	11.00	19	12.00	17	13.00	18	14.00	14
1947	11.00	37	13.00	42	14.00	41	14.00	43	15.00	40	19.00	51	21.00	50	24.00	54	27.00	47
1948	14.00	49	14.00	47	15.00	50	15.00	50	15.00	41	16.00	45	17.00	45	18.00	44	23.00	44
1949	10.00	25	10.00	28	11.00	29	11.00	24	12.00	28	13.00	27	14.00	30	15.00	26	15.00	19
1950	11.00	38	11.00	36	12.00	30	13.00	36	14.00	34	15.00	38	16.00	39	18.00	45	18.00	37
1951	4.60	1	5.30	2	8.00	13	9.00	15	9.90	14	12.00	20	13.00	25	13.00	19	14.00	15
1952	5.70	6	5.90	4	6.60	4	6.70	3	7.50	4	8.90	6	10.00	8	11.00	7	11.00	4
1953	13.00	44	14.00	48	14.00	42	14.00	44	14.00	35	15.00	39	15.00	31	15.00	27	17.00	28
1954	7.60	14	7.60	10	7.70	7	8.30	12	8.50	9	10.00	14	12.00	18	13.00	20	14.00	16
1955	8.20	20	8.20	17	8.70	15	9.00	16	9.00	12	9.50	9	10.00	9	11.00	8	12.00	5
1956	5.00	3	6.70	7	8.00	8	8.10	11	8.50	10	9.50	10	12.00	19	12.00	13	12.00	6
1957	6.00	7	6.00	5	6.00	2	6.80	4	7.50	5	8.40	4	9.30	4	9.10	3	10.00	2
1958	15.00	53	15.00	49	15.00	51	15.00	45	15.00	42	16.00	40	18.00	46	20.00	46	22.00	40
1959	7.00	11	8.70	19	10.00	25	10.00	17	10.00	15	12.00	21	13.00	20	14.00	21	15.00	20
1960	6.50	8	6.80	8	7.20	6	7.30	6	9.20	13	12.00	22	13.00	21	15.00	28	18.00	29
1961	7.00	12	7.20	9	8.20	14	8.50	13	9.00	11	10.00	11	11.00	13	11.00	9	12.00	7
1962	11.00	39	12.00	37	14.00	43	16.00	51	17.00	51	17.00	46	21.00	51	22.00	51	26.00	45
1963	9.50	23	9.50	21	9.60	17	11.00	25	11.00	25	12.00	23	13.00	22	13.00	14	14.00	17
1964	6.50	9	6.50	6	6.50	3	6.50	2	6.50	2	6.50	2	6.80	2	8.00	1	9.50	1
1965	10.00	26	10.00	29	10.00	26	10.00	18	10.00	16	10.00	12	10.00	10	12.00	10	13.00	9
1966	13.00	45	17.00	53	19.00	54	19.00	54	19.00	54	19.00	52	21.00	52	21.00	48	27.00	46
1967	9.00	21	9.70	22	12.00	31	13.00	37	14.00	36	14.00	32	15.00	32	16.00	34	16.00	21
1968	13.00	46	13.00	43	14.00	44	14.00	38	14.00	37	15.00	33	15.00	33	16.00	35	18.00	30
1969	12.00	40	13.00	44	14.00	45	14.00	39	15.00	43	16.00	41	17.00	40	17.00	39	18.00	31
1970	14.00	50	16.00	52	16.00	52	17.00	52	18.00	52	20.00	55	21.00	53	22.00	49	33.00	54
1971	10.00	27	11.00	30	12.00	32	14.00	40	16.00	49	19.00	53	21.00	54	23.00	52	29.00	49
1972	12.00	41	12.00	38	13.00	39	14.00	41	15.00	44	17.00	47	19.00	47	20.00	47	22.00	41
1973	7.60	13	8.40	18	9.90	18	11.00	26	11.00	26	12.00	24	13.00	23	16.00	36	23.00	42
1974	10.00	28	11.00	31	12.00	33	12.00	31	13.00	29	13.00	28	14.00	26	15.00	29	16.00	22
1975	10.00	29	11.00	32	11.00	27	11.00	27	12.00	27	13.00	29	14.00	27	14.00	22	14.00	10

08248000 LOS PINOS RIVER NEAR ORTIZ, COLO.--Continued

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
26.9	21.2	15.4	13.7	16.6	34.1	238	622	320	74.3	36.0	24.6
341	91.1	24.9	14.9	23.3	231	18750	93440	53100	3444	531	322
18.5	9.54	4.99	3.86	4.83	15.2	137	306	230	58.7	23.0	18.0
2.22	1.53	0.34	-0.07	0.52	1.32	0.83	0.51	1.01	1.23	1.63	2.57
0.69	0.45	0.32	0.28	0.29	0.45	0.58	0.49	0.72	0.79	0.64	0.73
1.87	1.47	1.07	0.95	1.15	2.36	16.5	43.1	22.2	5.15	2.49	1.71

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.36	1.29	1.16	1.12	1.20	1.50	2.30	2.73	2.38	1.74	1.48	1.31
0.06	0.03	0.02	0.02	0.02	0.03	0.07	0.06	0.12	0.12	0.06	0.06
0.24	0.17	0.15	0.14	0.13	0.18	0.27	0.24	0.35	0.34	0.24	0.24
0.83	0.80	-0.75	-0.75	-0.18	0.46	-0.21	-0.65	-0.42	0.12	0.43	0.70
0.17	0.13	0.13	0.12	0.11	0.12	0.12	0.09	0.15	0.20	0.16	0.19
6.94	6.59	5.94	5.70	6.14	7.64	11.7	14.0	12.2	8.89	7.58	6.71

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
121	2291	47.9	0.30	0.40	-0.086

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.04	0.03	0.19	-0.35	0.09	-0.059

08248500 SAN ANTONIO RIVER AT MOUTH, NEAR MANASSA, COLO.

LOCATION.--Lat 37°10'37", long 105°52'39", in SE¼NE¼ sec.21, T.34 N., R.10 E., Conejos County, on right bank 0.3 mi (0.5 km) downstream from bridge on State Highway 142, 2.2 mi (3.5 km) upstream from mouth, and 3.3 mi (5.3 km) east of Manassa.

DRAINAGE AREA.--348 mi² (901 km²).

REMARKS.--Natural flow of stream affected by diversions to Cove Lake Reservoir (capacity, 9,700 acre-ft or 12.0 hm³) and diversions for irrigation above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SAN ANTONIO RIVER AT MOUTH, NEAR MANASSA, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1924	48												10		17	5	2	3	1	2	38	64	60	31	4	9	6	12	7	9	11	14	13		
1925	18														22	4	71	35	42	20	43	20	17	19	8	8	13	8	15	2					
1926	25												17		1	3	15	8	3	86	40	64	15	12	2	9	6	6	18	13	20	2			
1927													10		14	27	84	87	7	4	15	11	8	10	8	6	8	7	20	20	16	3			
1928	21												6		8	11	34	20	1	2	95	83	27	5	2	4	4	11	14	16	2				
1929	23										31		31		30	28	27		1	35	18	18	26	17	10	10	14	7	12	9	16	2			
1930													24		4	4	22	5	32	40	47	86	13	10	4	5	12	20	22	11	4				
1931	51												85		11	15	46	22	28	6	36	9	10	13	14	11	8								
1932	22												77		10	3	3	11	62	1	2	73	1	3	2	4	18	10	20	18	13	9	4		
1933	17												53		5	33	78	42	26	35	5	6	14	6	3	2	7	13	4	5	11				
1934	86								6	1	25	12	12		5	62	53	47	7	11	5	3	11	17	2										
1935	61							31	31				74		23	4	7	7	7	15	7	5	7	7	4	11	13	4	8	21	16	2			
1936								2	1	2	23	23	6	3	8	39	39	52	60	14	9	20	6	1	4	6	5	12	8	6	16	1			
1937	46							8	6	3	8	5	1	1	1			1	19	73	34	40	24	7	1	15	8	8	4	9	11	31	1		
1938	20							21	43	31	41	2	3	1	8	45	26	25	11	2	1	3	3	1	1	6	12	13	8	10	13	15			
1939	78							4	4	5	1		1	33	35	39	40	15	10	3	10	1	2	2	11	23	19	11	8	8	2				
1940	123							10	70	30	6	1	4	2	7	6	21	5	1	3	4	8	7	4	5	8	28	11	2						
1941	83							17			1	2		2	37	9	3	3	40	20	9	18	16	23	4	7	8	3	10	15	11	12	11	1	
1942	68								1		2	2	2	1	4	1	1	1	34	37	40	30	50	5	5	7	6	9	18	16	20	5			
1943	39							14	5	5	35	52	16	50	9	13	24	12	6	3	3	4	6	4	11	17	15	4	4	11	3				
1944	65							3	5	2	6	19	6	18	32	33	36	2	1	1	5	42	8	5	6	10	13	8	11	2	8	15	4		
1945	43							19	38	6	9	2	2	37	12	53	20	15	6	9	7	6	4	7	7	11	13	5	5	11	7	11			
1946	103							11	27	17	74	22	19	10	7	4	9	10	3	5	9	6	2	1	4	8	5	4	5						
1947	99							36	12	38	2		1	7	5	16	45	20	6	4	5	4	4	9	8	4	2	17	10	3	8				
1948	66							4	1	4	70	40	7	10	33	8		1	32	1	2	1	5	7	5	4	5	7	10	15	28				
1949	39							29	10	37	47	5	15	7	20	5	7	8	24	9	3	6	13	6	7	1	3	5	24	25	9	1			
1950	40							22	30	3	71	11	10	14	8	9	66	3		4	3	5	6	7	15	21	5	9	3						

08248500 SAN ANTONIO RIVER AT MOUTH, NEAR MANASSA, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SAN ANTONIO RIVER AT MOUTH, NEAR MANASSA, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1951	90							15	11	3	13	72	74	3	2		4	6	3	5	8	12	7	8	17	3	9								
1952	110								8	29	3	8	7	11	23	4	5	6	4	9	11	21	5	4	12	10	7	6	7	8	31	13	4		
1953	54							1	5	8	18	6	6	3	55	25	39	53	20	5	2	3	3	17	14	12	7	7	2						
1954	142							2	1		22	20	6	18	21	10	29	1	7	5	7	14	9	16	11	20	4								
1955	234							5	7	3	22	6	1	2	8	10	5	1	1	1	3	1	3	7	14	10	13	8							
1956	184							3	4	3	3	1	4	9	4	7	6	30	29	5	7	4	3	5	10	21	18	6							
1957	154								4		4	7	8	11	2	4	5	7	7	6	5	8	9	9	8	23	19	18	19	7	21				
1958	73							2	2		6	1	33	1	34	12	5	78	20	20	9	5	2	2	4	1	4	12	12	10	11	6			
1959	138							2	1	1	1		22	5	31	2	34	31	5	6	22	13	15	12	12	9	3								
1960	123							9	18	15				1	31		1	1	38	9	9	11	10	11	11	14	23	8	15	7	1				
1961	123							9	18	15				1	31		1	1	37	9	9	11	10	11	11	14	23	8	15	7	1				
1962	46									1		4	5	9	9	3	6	17	9	62	84	5	14	14	2	12	8	22	8	8	17				
1963	117							1				31	38	17	11	15	18	37	1	2	8	9	16	16	17	10	1								
1964	253							3	1	2	2	3	5	11	6	3	7	5	3	6	8	5	2	10	11	10	5	5							
1965	107											16	3	18	4	1	29	1	2	37	13	11	9	13	10	13	14	4	20	30	5	5			
1966	33							1		1	1	1	6	5	10	14	5	4	19	74	61	28	13	13	14	19	24	5	9	5					
1967	31								1				6	16	6	12	27	18	69	46	29	16	16	25	9	23	15								
1968												15	2	7	32	6	32	42	53	48	21	22	9	11	10	19	8	13	12	3	1				
1969												14	41	15	13	16	5	3	30	31	21	45	22	24	17	7	12	15	16	18					
1970	19	3	1			1		3			1	2	4	3	3	3	1	2	9	19	63	89	34	40	27	5	9	6	4	9	5				
1971	46					1		1	1		3	2	2	3	7	3	9	21	23	38	39	55	25	33	26	19	4	3	1						
1972	79					3		1	2	2	3	8	9	4	3	17	9	6	45	69	38	25	25	7	9	2									
1973	65					1					1	1	3	3	1	5	5	23	65	30	12	47	5	5	14	9	17	10	6	14	20	3			
1974	55	1			1	1		1	4	2	3	4	5	3	12	25	45	55	28	17	11	25	15	13	10	7	10	11	1						
1975	62	1			1						9	3	13	13	21	8	16	26	12	27	31	14	10	4	6	16	15	12	12	15	10	8			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	3622	18993	100.0	12	0.9	795	13429	70.7	24	78	463	3318	17.4
1	0.01	5	15371	80.9	13	1.3	388	12634	66.5	25	110	535	2855	15.0
2	0.02	1	15366	80.9	14	1.9	756	12246	64.5	26	160	528	2320	12.2
3	0.03	0	15365	80.9	15	2.7	684	11490	60.5	27	240	403	1792	9.4
4	0.04	2	15365	80.9	16	3.9	1127	10806	56.9	28	350	429	1389	7.3
5	0.06	7	15363	80.9	17	5.7	935	9679	51.0	29	500	396	960	5.0
6	0.09	0	15356	80.9	18	8.3	1009	8744	46.0	30	730	368	564	2.9
7	0.10	290	15356	80.9	19	12.0	1031	7735	40.7	31	1100	158	196	1.0
8	0.20	378	15066	79.3	20	17.0	1026	6704	35.3	32	1500	37	38	.2
9	0.30	269	14688	77.3	21	25.0	1135	5678	29.9	33	2300	1	1	
10	0.40	567	14419	75.9	22	37.0	656	4543	23.9	34				
11	0.60	423	13852	72.9	23	54.0	569	3887	20.5					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SAN ANTONIO RIVER AT MOUTH, NEAR MANASSA, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1924	1770.0	2	1700.0	2	1660.0	2	1570.0	2	1260.0	3	988.0	3	711.0	4	543.0	4	366.0	3
1925	539.0	34	495.0	35	467.0	35	363.0	35	345.0	34	238.0	34	175.0	35	136.0	35	96.0	35
1926	1140.0	16	1080.0	18	1020.0	16	916.0	16	805.0	14	618.0	13	446.0	14	342.0	15	232.0	15
1927	1150.0	14	1140.0	13	1070.0	13	923.0	15	861.0	12	668.0	10	492.0	9	375.0	10	257.0	10
1928	762.0	31	726.0	29	598.0	30	581.0	28	491.0	27	359.0	25	249.0	25	193.0	25	134.0	25
1929	1140.0	15	1090.0	17	999.0	19	876.0	19	774.0	18	526.0	20	366.0	21	288.0	19	204.0	19
1930	859.0	25	842.0	25	766.0	26	674.0	25	519.0	24	420.0	23	319.0	23	245.0	22	170.0	22
1931	233.0	46	208.0	46	175.0	47	169.0	45	128.0	46	95.0	46	71.0	44	58.0	44	39.0	44
1932	1550.0	5	1550.0	5	1480.0	5	1320.0	6	1080.0	6	780.0	5	611.0	5	473.0	5	320.0	5
1933	1050.0	21	1000.0	22	931.0	22	851.0	20	600.0	23	357.0	26	247.0	26	188.0	26	125.0	28
1934	82.0	52	74.0	52	69.0	52	64.0	52	57.0	52	37.0	52	26.0	52	21.0	52	15.0	52
1935	1110.0	18	1100.0	16	1020.0	17	898.0	18	782.0	16	583.0	16	424.0	16	323.0	16	213.0	16
1936	1180.0	12	1100.0	15	1060.0	14	914.0	17	729.0	19	471.0	22	323.0	22	245.0	23	163.0	24
1937	1520.0	6	1470.0	6	1470.0	6	1440.0	3	1280.0	2	1030.0	1	737.0	1	562.0	1	376.0	1
1938	1450.0	7	1370.0	9	1300.0	8	1140.0	8	952.0	7	730.0	6	523.0	6	394.0	7	260.0	8
1939	822.0	27	777.0	27	699.0	28	577.0	30	445.0	30	302.0	30	237.0	29	179.0	29	118.0	29
1940	442.0	37	341.0	39	310.0	39	248.0	39	240.0	36	193.0	36	138.0	36	104.0	36	69.0	36
1941	2380.0	1	2240.0	1	2040.0	1	1780.0	1	1480.0	1	1030.0	2	734.0	2	561.0	2	375.0	2
1942	1330.0	10	1260.0	10	1110.0	12	975.0	12	880.0	11	690.0	8	518.0	7	399.0	6	265.0	6
1943	782.0	28	767.0	28	714.0	27	659.0	26	459.0	29	300.0	31	214.0	31	162.0	32	107.0	32
1944	1600.0	3	1570.0	3	1490.0	4	1380.0	5	1160.0	5	724.0	7	510.0	8	391.0	8	260.0	7
1945	1410.0	9	1400.0	8	1390.0	7	1220.0	7	948.0	8	586.0	15	408.0	18	312.0	18	206.0	18
1946	392.0	39	385.0	37	362.0	37	277.0	37	190.0	41	103.0	44	70.0	46	53.0	46	35.0	46
1947	936.0	24	920.0	24	831.0	24	690.0	24	517.0	25	332.0	27	228.0	30	173.0	30	115.0	31
1948	1080.0	20	1030.0	19	965.0	20	820.0	21	786.0	15	669.0	9	476.0	11	359.0	13	236.0	14
1949	1100.0	19	1020.0	20	957.0	21	785.0	23	695.0	22	569.0	17	415.0	17	316.0	17	209.0	17
1950	458.0	36	428.0	36	368.0	36	301.0	36	205.0	38	160.0	37	111.0	37	85.0	37	57.0	39
1951	238.0	45	221.0	45	195.0	45	160.0	47	123.0	47	81.0	48	58.0	49	44.0	50	29.0	50
1952	1590.0	4	1570.0	4	1510.0	3	1420.0	4	1170.0	4	963.0	4	711.0	3	546.0	3	363.0	4
1953	408.0	38	375.0	38	319.0	38	222.0	41	148.0	44	132.0	41	96.0	41	73.0	42	50.0	42
1954	191.0	48	172.0	48	153.0	48	134.0	48	118.0	48	95.0	47	71.0	45	55.0	45	37.0	45
1955	291.0	43	268.0	44	234.0	44	225.0	40	193.0	39	134.0	40	90.0	43	68.0	43	44.0	43

08248500 SAN ANTONIO RIVER AT MOUTH, NEAR MANASSA, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SAN ANTONIO RIVER AT MOUTH, NEAR MANASSA, CO.

YEAR	1	3	7	15	30	60	90	120	183
1956	310.0 42	299.0 42	268.0 41	221.0 42	192.0 40	152.0 38	107.0 38	83.0 39	55.0 41
1957	1040.0 22	1020.0 21	1000.0 18	924.0 14	719.0 21	564.0 18	445.0 15	362.0 11	244.0 11
1958	1150.0 13	1150.0 12	1130.0 11	1050.0 10	821.0 13	558.0 19	379.0 19	286.0 21	189.0 21
1959	187.0 49	170.0 49	147.0 49	127.0 49	108.0 49	75.0 49	57.0 50	45.0 49	31.0 48
1960	769.0 29	708.0 30	579.0 31	541.0 31	392.0 32	302.0 28	239.0 27	186.0 27	126.0 26
1961	769.0 30	708.0 31	579.0 32	541.0 32	393.0 31	302.0 29	239.0 28	186.0 28	126.0 27
1962	1000.0 23	958.0 23	859.0 23	787.0 22	728.0 20	504.0 21	370.0 20	287.0 20	194.0 20
1963	176.0 50	142.0 50	118.0 50	108.0 50	84.0 50	72.0 50	60.0 48	46.0 48	31.0 49
1964	280.0 44	276.0 43	254.0 42	198.0 43	151.0 43	96.0 45	66.0 47	50.0 47	33.0 47
1965	1450.0 8	1420.0 7	1270.0 9	933.0 13	774.0 17	632.0 11	486.0 10	382.0 9	258.0 9
1966	528.0 35	520.0 34	506.0 34	450.0 34	326.0 35	236.0 35	187.0 33	149.0 34	103.0 34
1967	208.0 47	195.0 47	179.0 46	169.0 46	157.0 42	123.0 42	95.0 42	77.0 41	57.0 40
1968	731.0 32	675.0 32	571.0 33	479.0 33	389.0 33	263.0 33	185.0 34	153.0 33	106.0 33
1969	680.0 33	670.0 33	635.0 29	578.0 29	509.0 26	400.0 24	299.0 24	238.0 24	165.0 23
1970	852.0 26	831.0 26	780.0 25	659.0 27	465.0 28	283.0 32	208.0 32	163.0 31	116.0 30
1971	350.0 40	303.0 41	241.0 43	174.0 44	136.0 45	107.0 43	99.0 40	83.0 40	62.0 37
1972	130.0 51	117.0 51	106.0 51	90.0 51	63.0 51	39.0 51	35.0 51	33.0 51	27.0 51
1973	1130.0 17	1120.0 14	1060.0 15	1010.0 11	885.0 9	626.0 12	465.0 12	359.0 12	242.0 12
1974	350.0 41	328.0 40	293.0 40	269.0 38	213.0 37	141.0 39	105.0 39	84.0 38	57.0 38
1975	1250.0 11	1250.0 11	1230.0 10	1090.0 9	881.0 10	607.0 14	462.0 13	358.0 14	240.0 13

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SAN ANTONIO RIVER AT MOUTH, NEAR MANASSA, CO.

YEAR	1	3	7	14	30	60	90	120	183
1924	0.00 1	0.00 1	0.00 1	0.00 1	4.20 47	16.00 51	26.00 52	30.00 52	36.00 52
1925	0.00 2	0.00 2	0.00 2	0.00 2	0.00 1	0.00 1	0.42 28	1.30 30	2.40 29
1926	2.00 49	2.00 49	2.30 49	2.90 49	6.80 50	12.00 50	14.00 48	16.00 47	19.00 47
1927	0.00 3	0.00 3	0.00 3	0.00 3	0.17 35	0.75 36	1.70 35	2.70 34	3.30 31
1928	2.00 50	2.00 50	2.40 50	3.10 50	4.60 48	9.00 48	22.00 50	23.00 50	27.00 50
1929	0.00 4	0.00 4	0.00 4	0.00 4	0.00 2	0.52 32	1.10 32	1.10 28	1.30 25
1930	9.00 51	9.00 51	9.00 51	9.00 51	9.00 51	12.00 49	16.00 49	20.00 49	23.00 49
1931	1.00 45	1.00 44	1.00 44	1.00 43	1.00 42	1.00 37	2.20 37	3.10 37	3.80 33
1932	0.00 5	0.00 5	0.00 5	0.00 5	0.00 3	0.00 2	0.19 24	0.39 25	1.80 27
1933	1.00 46	1.00 45	1.00 45	1.00 44	1.00 43	1.60 39	3.20 39	4.70 41	4.30 37
1934	0.00 6	0.00 6	0.00 6	0.00 6	0.47 38	0.62 34	0.78 31	1.20 29	1.90 28
1935	0.00 7	0.00 7	0.00 7	0.00 7	0.00 4	0.00 3	0.00 1	0.02 14	0.13 10
1936	1.00 47	1.00 46	1.10 46	1.60 47	3.00 46	3.70 44	4.50 42	5.40 42	5.70 39
1937	0.11 41	0.14 41	0.27 41	0.35 41	0.49 39	4.80 45	5.70 43	6.40 44	12.00 44
1938	0.00 8	0.00 8	0.00 8	0.00 8	0.00 5	0.00 4	0.03 21	0.09 19	0.18 11
1939	0.00 9	0.07 40	0.12 39	0.15 38	0.26 36	1.60 40	2.50 38	2.80 35	3.50 32
1940	0.00 10	0.00 9	0.00 9	0.00 9	0.00 6	0.00 5	0.00 2	0.00 1	0.06 8
1941	0.00 11	0.00 10	0.00 10	0.00 10	0.00 7	0.00 6	0.00 3	0.00 2	0.03 6
1942	0.00 12	0.00 11	0.60 42	1.10 45	6.50 49	8.00 46	13.00 46	18.00 48	19.00 48
1943	0.00 13	0.00 12	0.00 11	0.00 11	0.00 8	0.00 7	0.00 4	0.08 18	0.25 15
1944	0.00 14	0.00 13	0.00 12	0.00 12	0.00 9	0.22 31	0.58 29	0.92 27	1.40 26
1945	0.00 15	0.00 14	0.00 13	0.00 13	0.00 10	0.00 8	0.01 18	0.07 17	0.33 19
1946	0.00 16	0.00 15	0.00 14	0.00 14	0.00 11	0.07 28	0.22 25	0.25 22	0.32 17
1947	0.00 17	0.00 16	0.00 15	0.00 15	0.00 12	0.00 9	0.00 5	0.00 3	0.04 7
1948	0.00 18	0.00 17	0.00 16	0.00 16	0.00 13	0.00 10	0.03 22	0.17 20	0.28 16
1949	0.00 19	0.00 18	0.00 17	0.00 17	0.00 14	0.00 11	0.02 19	0.06 16	0.19 12
1950	0.00 20	0.00 19	0.04 37	0.07 37	0.09 33	0.19 30	0.28 26	0.29 23	1.20 24
1951	0.00 21	0.00 20	0.00 18	0.00 18	0.00 15	0.01 27	0.06 23	0.19 21	0.44 22
1952	0.00 22	0.00 21	0.00 19	0.00 19	0.00 16	0.00 12	0.00 6	0.00 4	0.00 1
1953	0.21 42	0.20 42	0.24 40	0.28 40	0.33 37	0.66 35	1.70 36	1.80 33	3.10 30
1954	0.00 23	0.00 22	0.00 20	0.00 20	0.00 17	0.00 13	0.00 7	0.00 5	0.33 18
1955	0.00 24	0.00 23	0.00 21	0.00 21	0.00 18	0.00 14	0.00 8	0.00 6	0.00 2
1956	0.00 25	0.00 24	0.00 22	0.00 22	0.00 19	0.00 15	0.00 9	0.00 7	0.09 9
1957	0.00 26	0.00 25	0.00 23	0.00 23	0.00 20	0.00 16	0.00 10	0.00 8	0.00 3
1958	0.00 27	0.00 26	0.07 38	0.26 39	0.91 41	1.70 41	3.40 40	4.20 40	4.80 38
1959	0.00 28	0.00 27	0.00 24	0.00 24	0.00 21	0.00 17	0.00 11	0.00 9	0.41 21
1960	0.00 29	0.00 28	0.00 25	0.00 25	0.00 22	0.00 18	0.00 12	0.00 10	0.19 13
1961	0.00 30	0.00 29	0.00 26	0.00 26	0.00 23	0.00 19	0.00 13	0.00 11	0.24 14
1962	0.00 31	0.00 30	0.00 27	0.00 27	0.00 24	0.00 20	0.63 30	3.70 38	7.50 43
1963	0.00 32	0.00 31	0.00 28	0.00 28	0.00 25	0.00 21	0.03 20	0.37 24	0.60 23
1964	0.00 33	0.00 32	0.00 29	0.00 29	0.00 26	0.00 22	0.00 14	0.00 12	0.00 4
1965	0.00 34	0.00 33	0.00 30	0.00 30	0.00 27	0.00 23	0.00 15	0.00 13	0.02 5
1966	0.90 44	1.10 47	1.30 47	1.40 46	2.50 45	8.50 47	13.00 47	14.00 45	15.00 46
1967	0.00 35	0.00 34	0.00 31	0.00 31	0.00 28	0.00 24	0.35 27	1.40 31	4.00 34
1968	1.50 48	1.60 48	1.60 48	1.70 48	1.90 44	2.70 42	5.80 44	6.20 43	6.50 40
1969	0.62 43	0.67 43	0.69 43	0.73 42	0.82 40	1.40 38	1.50 33	1.40 32	6.50 41
1970	9.20 52	11.00 52	13.00 52	14.00 52	18.00 52	24.00 52	24.00 51	25.00 51	33.00 51
1971	0.00 36	0.00 35	0.00 32	0.00 32	0.09 34	3.70 43	9.50 45	14.00 46	13.00 45
1972	0.00 37	0.00 36	0.00 33	0.00 33	0.00 29	0.16 29	1.70 34	3.10 36	6.50 42
1973	0.00 38	0.00 37	0.00 34	0.00 34	0.00 30	0.00 25	0.00 16	0.44 26	4.10 35
1974	0.00 39	0.00 38	0.00 35	0.00 35	0.00 31	0.53 33	3.80 41	3.80 39	4.10 36
1975	0.00 40	0.00 39	0.00 36	0.00 36	0.00 32	0.00 26	0.00 17	0.04 15	0.38 20

08248500 SAN ANTONIO RIVER AT MOUTH, NEAR MANASSA, COLO.--Continued

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
7.21	7.58	5.39	5.20	9.93	20.3	174	481	196	30.3	9.16	4.39
193	136	56.2	39.6	93.6	397	30340	130300	35260	1989	308	136
13.9	11.6	7.50	6.29	9.68	19.9	174	361	188	44.6	17.5	11.7
2.36	1.85	1.59	1.51	1.46	1.40	1.67	0.69	1.03	2.31	2.49	3.88
1.93	1.54	1.39	1.21	0.97	0.98	1.00	0.75	0.96	1.47	1.92	2.65
0.76	0.80	0.57	0.55	1.05	2.13	18.3	50.6	20.6	3.19	0.96	0.46

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.20	0.17	0.27	0.37	0.77	1.02	2.00	2.53	2.04	0.96	0.30	0.21
0.77	1.18	0.54	0.37	0.25	0.39	0.30	0.17	0.30	0.71	0.65	0.31
0.88	1.09	0.73	0.61	0.50	0.62	0.54	0.41	0.55	0.84	0.80	0.55
-0.30	-1.06	-0.24	-0.16	-0.55	-1.14	-1.03	-0.54	-0.66	-0.76	0.35	1.19
4.45	6.45	2.75	1.63	0.65	0.61	0.27	0.16	0.27	0.88	2.71	2.68
1.82	1.56	2.46	3.45	7.16	9.43	18.5	23.4	18.8	8.83	2.74	1.91

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
79.5	2806	53.0	0.52	0.67	-0.070

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.78	0.13	0.36	-0.53	0.20	-0.037

08249000 CONEJOS RIVER NEAR LASAUSES, COLO.

LOCATION.--Lat 37°18'01", long 105°44'47", in SW¼SW¼ sec.2, and SE¼NE¼ sec.10 (two channels), T.35 N., R.11 E., Conejos County, on left bank of main channel 125 ft (38 m) downstream from bridge on State Highway 158 and on left bank of secondary channel 230 ft (70 m) upstream from bridge on State Highway 158, 1.0 mi (1.6 km) upstream from mouth, 2.1 mi (3.4 km) north of Lasauses, and 13 mi (21 km) southeast of Alamosa.

DRAINAGE AREA.--887 mi² (2,297 km²).

REMARKS.--Diversions for irrigation of about 75,000 acres (304 km²) above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CONEJOS RIVER NEAR LASAUSES, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1922															2	1	3	6	17	19	22	8	124	75	11	4	4	5	11	7	6	9	19	12	
1923																				8	20	28	134	43	21	15	10	19	10	3	9	14	21	10	
1924																	3	14	14	35	23	4	2	25	94	36	23	19	2	11	19	10	14	18	
1925												3		8	13			1	2	1	3	16	128	87	41	9	9	21	19	4					
1926																			18	12	34	8	22	92	95	14	7	2	6	10	12	27	6		
1927																				40	30	20	129	40	7	4	5	3	11	19	19	28	8	2	
1928												10		2	23	9	40	2	4	11		3	10	101	81	6	9	7	19	14	6	5	4		
1929																			7	52	6	18	96	59	13	15	19	20	13	6	7	21	13		
1930															1		22	2	8	19	13	2	35	118	46	23	10	13	13	30	8	2			
1931												7		51	3	6	13	11	19	9	23	19	98	52	52	2									
1932																	17	2	6	4	9	60	102	23	22	26	7	3	11	12	5	27	16	14	
1933																4	30	11	31	18	18	25	75	108	2	1	1		3	15	13	8	2		
1934	56											9		33	2	4	6	7	37	11	20	22	67	91											
1935															7		12	17	20	8	40	82	91	7	2	1	3	9	12	11	8	16	18	1	
1936											5	3	5	5	10	19	2	1		8	12	51	77	103	10	1	2	2	7	8	9	18	8		
1937																	14	13	16	21	7	6	9	67	102	21	1	4	11	12	10	18	18	15	
1938								1	4	1	3		4	9	2	3	7	8	6	2	21	33	111	66	3	2	1	3	11	12	12	24	16		
1939											15	28	21	12	5	13	4	9	3	1	9	1	14	122	35	9	18	21	12	10	3				
1940							3	12	15	7	9	5	10	5	8	23	6	8	5	38	8	55	79	42	6	4	1	3	12	1	1				
1941																			9	18	35	42	45	72	33	10	10	7	3	9	18	16	24	13	1
1942																15	9	2	17	9	28	11	56	59	25	14	21	22	9	16	19	24	9		
1943																	1	5	22	42	73	59	80	23	13	6	6	9	11	11	4				
1944																9	25	12	16	8	16	36	73	49	32	10	9	5	9	11	13	9	19	5	
1945											3	9	11	7	4	4	5	6	13	19	10	87	90	23	7	5	3	12	7	12	12	6	9	1	

08249000 CONEJOS RIVER NEAR LASAUSES, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CONEJOS RIVER NEAR LASAUSES, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1946											11	14	14	14	8	12	24	34	13	15	9	88	76	10	12	4	2	5							
1947													1	20	8	4	2	10	13	26	39	30	120	30	5	3	7	19	16	2	5	5			
1948	15						5	3	4	9	7	12	8	9	6	1	5			6	10	20	94	36	17	16	12	7	10	7	10	24	13		
1949														4		1	7	14	33	43	14	47	97	17	2	1	5	11	15	19	13	15	7		
1950	1						2	2	1	5	23	20	24	11	10	1		2	20	30	22	26	118	8	9	11	10	5	4						
1951	12						2	4		6	13	25	15	14	22	11	10	17	19	38	42	94	16	1		2	2								
1952							2		1	1	2		4	4	1	2	4	9	21	19	22	98	37	4	10	9	6	11	31	17	9	18	24		
1953	20						1	1	4		15	16	20	11	10	5		2	7	37	49	18	59	65	7	7	7	3	1						
1954	30						6	7	3	4	15	7	11	17	31	24	16	9	15	15	40	81	34												
1955	12						3	1	2	3	12	13	17	27	16	24	22	9	15	16	48	104	12	3	3	3									
1956	68						9	8	5	6	15	3	6	12	2	3	2	3	15	40	26	78	30	5	7	11	4	2	6						
1957	22						1	1	2				1	1		3	7	16	7	34	73	59	10	9	9	8	3	9	12	17	35	25	1		
1958	48						1			1	4	8	10	8	6	6	3	1		11	16	4	14	141	7	2	2	6	11	29	18	7	1		
1959	66						4	12	4	4	9	6	10	3	9	18	14	9	19	19	18	85	56												
1960	14						12	5	8	5	16	8	8	3	2	3	7	7	6	19	15	35	84	16	18	14	13	12	10	19	7				
1961	17						8	7	4	1	3	2	7	18	21	10	8	17	9	11	18	64	58	19	5	6	14	8	15	9	6				
1962	9						6	2	4		2	4	4	12	15	15	2	2	5	6	12	16	9	97	50	19	15	12	15	13	10	9			
1963	55						14	20	4	11	7	9	8	9	9	7	15	8	3	13	22	61	28	40	11	1		1	8	1					
1964	77						19	14	7	6	7	4	6	18	4	5	12	7	3	28	86	37	18		4	2		2							
1965							2	11	6	2	8	4	2	1	3		8	9	10	15	18	32	56	39	23	4	6	14	26	32	17	16	1		
1966	28								1		3	6	6	10	6	13	12	6	2	7	6	5	11	50	73	36	24	22	22	13	3				
1967	19													3	16	10	10		20	24	27	21	61	61	35	16	11	8	16	7					
1968											2	7	2	8	5	3	6	1	20	22	8	9	19	82	78	13	16	24	22	17	2				
1969													7	3					3	11	7	3	39	81	78	30	25	21	28	21	5	3			
1970						2	2	1	2	4	7	6	8	4	2	2	6	8	4	3	4	2	6	33	121	42	34	31	19	8	4				
1971	2		1		2	3	7	3	1	1	3	1	3	19	14	8	11	31	27	18	8	2	12	21	113	30	4	6	11	2	1				
1972	77		3	1	2	1	5	4	2	4	16	6	10	34	10	4	5	3	4	4	2	7	18	70	49	16	8	1							
1973			4	6			7	3	2	1	1		1	1	2	6	5	3	2	1	9	15	9	113	60	13	9	14	23	11	30	14			
1974	29			1	1		4	5	3	7	8	15	12	6	11	9	6	5	5	5	2	25	53	92	31	20	8	2							
1975							1	1	1	1	2	1	4	12	7	1		1		1	30	42	43	56	51	17	8	12	15	35	16	7			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	677	19723	100.0	12	1.1	280	18068	91.6	24	94	1641	5419	27.4
1	0.01	0	19046	96.6	13	1.6	448	17788	90.2	25	140	594	3778	19.1
2	0.02	8	19046	96.6	14	2.4	336	17340	87.9	26	200	434	3184	16.1
3	0.04	8	19038	96.5	15	3.4	321	17004	86.2	27	280	477	2750	13.9
4	0.05	5	19030	96.5	16	4.9	448	16683	84.6	28	410	558	2273	11.5
5	0.08	6	19025	96.5	17	7.1	380	16235	82.3	29	600	523	1715	8.6
6	0.10	126	19019	96.4	18	10.0	610	15855	80.4	30	860	404	1192	6.0
7	0.20	128	18893	95.8	19	15.0	950	15245	77.3	31	1200	425	788	3.9
8	0.30	90	18765	95.1	20	22.0	1182	14295	72.5	32	1800	271	363	1.8
9	0.40	90	18675	94.7	21	31.0	1904	13113	66.5	33	2600	91	92	.4
10	0.50	246	18585	94.2	22	45.0	3044	11209	56.8	34	3800	1	1	
11	0.80	271	18339	93.0	23	65.0	2746	8165	41.4					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CONEJOS RIVER NEAR LASAUSES, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1922	3280.0	5	3230.0	5	3120.0	5	2680.0	5	2440.0	4	1750.0	6	1230.0	6	947.0	7	644.0	7
1923	2980.0	7	2830.0	7	2430.0	7	2200.0	7	2150.0	7	1760.0	5	1250.0	5	963.0	6	692.0	5
1924	3580.0	3	3540.0	3	3490.0	3	3360.0	1	2700.0	1	2010.0	3	1510.0	3	1160.0	4	802.0	4
1925	668.0	40	619.0	40	580.0	39	483.0	39	446.0	36	357.0	36	266.0	37	225.0	36	172.0	35
1926	2400.0	14	2310.0	14	2100.0	15	1710.0	16	1490.0	14	1230.0	14	876.0	15	680.0	16	475.0	17
1927	2910.0	8	2460.0	11	2190.0	13	1750.0	15	1470.0	16	1360.0	11	1030.0	10	786.0	11	592.0	8
1928	2150.0	18	2020.0	19	1800.0	19	1370.0	21	1020.0	25	685.0	26	486.0	26	389.0	27	284.0	27
1929	2360.0	16	2270.0	15	2200.0	12	1950.0	12	1750.0	11	1190.0	16	824.0	18	680.0	17	511.0	14
1930	1390.0	29	1210.0	29	992.0	29	837.0	28	673.0	29	581.0	28	501.0	25	397.0	26	285.0	26
1931	150.0	51	140.0	50	129.0	50	124.0	48	111.0	48	103.0	46	93.0	45	86.0	44	76.0	45
1932	3760.0	2	3680.0	2	3570.0	1	3160.0	2	2410.0	5	2000.0	4	1500.0	4	1170.0	3	809.0	3
1933	1800.0	22	1770.0	20	1610.0	22	1340.0	22	1120.0	22	710.0	24	478.0	28	375.0	28	270.0	28
1934	91.0	52	88.0	52	85.0	52	81.0	52	78.0	49	76.0	49	74.0	49	69.0	49	60.0	49
1935	2700.0	9	2470.0	10	2250.0	11	2120.0	9	1870.0	9	1380.0	10	1000.0	12	761.0	14	510.0	15
1936	2120.0	19	2030.0	18	1900.0	17	1660.0	17	1410.0	17	1040.0	18	705.0	21	550.0	21	384.0	21
1937	3410.0	4	3320.0	4	3250.0	4	3060.0	4	2490.0	3	2030.0	2	1540.0	2	1180.0	2	812.0	2
1938	2560.0	11	2490.0	8	2340.0	8	1960.0	11	1550.0	12	1470.0	9	1110.0	8	851.0	8	581.0	10
1939	958.0	36	922.0	34	869.0	33	754.0	32	576.0	31	421.0	31	339.0	32	275.0	32	207.0	32
1940	902.0	37	776.0	38	565.0	40	549.0	38	350.0	38	202.0	38	151.0	40	130.0	40	104.0	40
1941	3820.0	1	3770.0	1	3560.0	2	3100.0	3	2630.0	2	2050.0	1	1620.0	1	1240.0	1	857.0	1
1942	2270.0	17	2160.0	17	1850.0	18	1560.0	18	1480.0	15	1250.0	13	986.0	14	763.0	13	520.0	13
1943	1080.0	33	1050.0	32	874.0	31	772.0	31	513.0	34	397.0	33	280.0	36	224.0	37	166.0	37
1944	3090.0	6	3030.0	6	2670.0	6	2470.0	6	2150.0	6	1510.0	8	1090.0	9	851.0	9	588.0	9
1945	2670.0	10	2470.0	9	2340.0	9	1980.0	10	1500.0	13	996.0	19	697.0	22	535.0	22	372.0	22
1946	348.0	46	336.0	45	292.0	44	213.0	45	146.0	46	90.0	48	80.0	47	72.0	48	61.0	48
1947	1440.0	28	1330.0	27	1290.0	26	1020.0	27	725.0	28	494.0	29	347.0	31	276.0	31	202.0	33
1948	2380.0	15	2270.0	16	2150.0	14	1890.0	13	1770.0	10	1350.0	12	994.0	13	777.0	12	533.0	12
1949	2540.0	12	2390.0	13	2090.0	16	1840.0	14	1390.0	18	1120.0	17	860.0	16	658.0	18	451.0	19
1950	566.0	43	477.0	43	380.0	43	272.0	43	201.0	43	166.0	41	119.0	42	103.0	42	86.0	43

08249000 CONEJOS RIVER NEAR LASAUSES, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CONEJOS RIVER NEAR LASAUSES, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1951	259.0	49	230.0	49	150.0	49	84.0	50	47.0	54	43.0	52	41.0	52	39.0	52	35.0	51
1952	2480.0	13	2420.0	12	2290.0	10	2130.0	8	1920.0	8	1580.0	7	1200.0	7	983.0	5	685.0	6
1953	573.0	42	445.0	44	289.0	45	182.0	47	127.0	47	100.0	47	80.0	48	76.0	47	73.0	46
1954	63.0	53	62.0	53	60.0	53	57.0	53	53.0	52	48.0	50	45.0	50	42.0	50	34.0	52
1955	150.0	50	138.0	51	116.0	51	82.0	51	57.0	50	37.0	54	36.0	53	35.0	53	34.0	53
1956	563.0	44	529.0	42	461.0	42	327.0	42	214.0	41	132.0	43	98.0	44	85.0	45	68.0	47
1957	1800.0	23	1750.0	22	1640.0	21	1480.0	19	1280.0	19	1200.0	15	1010.0	11	811.0	10	547.0	11
1958	1830.0	20	1750.0	23	1680.0	20	1400.0	20	1130.0	21	871.0	22	606.0	23	474.0	23	337.0	23
1959	60.0	54	56.0	54	55.0	54	54.0	54	51.0	53	48.0	51	44.0	51	42.0	51	36.0	50
1960	1170.0	30	1150.0	30	968.0	30	801.0	30	579.0	30	397.0	34	395.0	29	319.0	30	228.0	30
1961	1150.0	31	1110.0	31	871.0	32	627.0	35	509.0	35	406.0	32	293.0	34	234.0	35	167.0	36
1962	1460.0	25	1380.0	26	1200.0	27	1060.0	26	976.0	26	692.0	25	528.0	24	419.0	24	308.0	24
1963	604.0	41	597.0	41	557.0	41	369.0	41	204.0	42	119.0	45	90.0	46	84.0	46	77.0	44
1964	382.0	45	296.0	46	158.0	48	85.0	49	53.0	51	39.0	53	34.0	54	34.0	54	30.0	54
1965	1810.0	21	1770.0	21	1500.0	23	1300.0	24	1050.0	23	965.0	21	827.0	17	689.0	15	478.0	16
1966	968.0	35	922.0	35	800.0	35	614.0	36	444.0	37	372.0	35	318.0	33	265.0	33	224.0	31
1967	767.0	39	684.0	39	608.0	38	549.0	37	329.0	39	198.0	40	156.0	39	140.0	39	108.0	39
1968	1080.0	32	901.0	36	694.0	36	649.0	34	545.0	32	423.0	30	365.0	30	322.0	29	246.0	29
1969	1460.0	26	1310.0	28	1080.0	28	813.0	29	726.0	27	612.0	27	481.0	27	405.0	25	307.0	25
1970	1010.0	34	957.0	33	864.0	34	736.0	33	540.0	33	351.0	37	281.0	35	240.0	34	194.0	34
1971	886.0	38	841.0	37	634.0	37	431.0	40	284.0	40	201.0	39	170.0	38	148.0	38	162.0	38
1972	290.0	48	274.0	48	257.0	46	218.0	44	174.0	44	126.0	44	112.0	43	103.0	43	93.0	41
1973	1650.0	24	1570.0	24	1390.0	24	1320.0	23	1220.0	20	989.0	20	805.0	19	648.0	19	462.0	18
1974	300.0	47	288.0	47	216.0	47	193.0	46	162.0	45	136.0	42	123.0	41	109.0	41	92.0	42
1975	1450.0	27	1420.0	25	1340.0	25	1180.0	25	1020.0	24	863.0	23	712.0	20	576.0	20	413.0	20

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CONEJOS RIVER NEAR LASAUSES, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1922	7.00	47	8.30	48	9.10	47	14.00	46	46.00	52	51.00	51	54.00	45	56.00	44	59.00	42
1923	3.00	35	3.30	35	5.00	37	6.90	39	11.00	38	16.00	36	21.00	36	22.00	30	32.00	28
1924	50.00	54	51.00	54	56.00	54	60.00	54	69.00	53	100.00	53	111.00	54	113.00	52	148.00	53
1925	5.00	41	5.00	40	6.70	44	10.00	43	14.00	44	17.00	38	19.00	33	24.00	34	37.00	33
1926	1.00	29	1.00	29	1.60	31	2.00	31	5.20	30	37.00	48	57.00	47	61.00	45	79.00	46
1927	13.00	50	13.00	50	13.00	48	16.00	47	18.00	46	20.00	39	21.00	34	22.00	31	32.00	29
1928	19.00	52	19.00	52	19.00	52	19.00	52	27.00	51	50.00	50	84.00	52	88.00	51	117.00	51
1929	1.00	30	1.00	30	1.00	28	1.60	27	2.50	28	3.30	24	4.70	23	7.90	23	19.00	19
1930	13.00	51	13.00	51	15.00	50	18.00	49	22.00	48	67.00	52	74.00	50	77.00	50	90.00	47
1931	3.00	36	5.00	41	5.70	39	5.90	36	12.00	39	22.00	41	31.00	39	37.00	38	45.00	34
1932	1.00	31	1.00	31	1.40	30	1.70	29	1.80	25	2.80	23	3.80	22	5.90	20	20.00	20
1933	6.00	42	6.00	42	6.40	42	6.60	38	9.80	36	22.00	42	32.00	40	42.00	40	49.00	37
1934	4.00	39	4.00	37	4.40	35	5.60	35	6.20	34	11.00	33	17.00	28	24.00	35	36.00	32
1935	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.35	8	0.93	11	1.90	11	6.30	9
1936	6.00	43	6.00	43	6.70	45	7.70	41	13.00	42	33.00	47	38.00	41	45.00	41	52.00	39
1937	0.51	25	0.54	25	0.77	25	1.10	25	2.30	26	8.60	29	23.00	37	29.00	36	54.00	40
1938	6.10	44	6.10	44	6.10	40	6.10	37	7.70	35	11.00	34	17.00	29	23.00	33	34.00	30
1939	0.21	23	0.27	23	0.33	21	1.60	28	5.50	32	9.10	30	21.00	35	38.00	39	49.00	38
1940	0.61	27	0.60	26	0.60	24	0.60	22	0.75	21	1.50	19	1.50	15	3.00	14	13.00	15
1941	0.11	21	0.14	20	0.20	19	0.28	17	0.41	15	0.57	13	1.50	16	4.60	18	16.00	17
1942	10.00	49	11.00	49	14.00	49	18.00	50	24.00	49	30.00	45	61.00	48	67.00	46	112.00	50
1943	3.40	37	3.40	36	3.50	34	3.80	33	5.70	33	11.00	31	17.00	30	20.00	28	28.00	22
1944	6.80	46	7.20	46	8.40	46	11.00	44	13.00	43	16.00	37	18.00	31	22.00	32	31.00	26
1945	4.60	40	4.60	39	4.70	36	4.80	34	5.30	31	7.70	25	12.00	25	19.00	27	28.00	23
1946	0.71	28	0.70	28	0.84	27	1.20	26	3.80	29	11.00	32	12.00	26	16.00	25	24.00	21
1947	0.51	24	0.50	24	0.50	23	0.75	23	1.30	23	1.60	20	3.10	20	4.50	17	12.00	14
1948	1.50	32	1.70	32	2.00	32	2.00	30	2.30	27	8.30	26	19.00	32	21.00	29	32.00	27
1949	0.00	2	0.00	2	0.00	2	0.07	14	0.18	12	0.46	11	1.40	14	4.10	16	15.00	16
1950	1.60	33	1.80	33	5.10	38	9.30	42	12.00	40	14.00	35	15.00	27	19.00	26	29.00	24
1951	0.00	3	0.20	21	0.37	22	0.44	21	0.53	19	0.69	14	0.95	12	3.20	15	9.00	11
1952	0.00	4	0.00	3	0.02	14	0.41	20	0.52	18	0.93	15	2.50	17	2.90	12	5.90	6
1953	7.30	48	7.90	47	18.00	51	19.00	51	20.00	47	23.00	43	27.00	38	34.00	37	47.00	36
1954	0.00	5	0.00	4	0.00	3	0.00	2	0.28	14	0.54	12	0.83	10	1.30	8	9.70	13
1955	0.00	6	0.00	5	0.00	4	0.00	3	0.04	10	0.44	10	0.76	8	1.30	9	3.90	3
1956	0.00	7	0.00	6	0.03	17	0.36	18	0.48	16	1.10	18	1.30	13	1.40	10	6.80	10
1957	0.00	8	0.00	7	0.00	5	0.00	4	0.00	2	0.05	4	0.08	4	0.16	3	4.40	4
1958	3.60	38	4.20	38	6.60	43	12.00	45	16.00	45	45.00	49	74.00	49	76.00	48	107.00	48
1959	0.00	9	0.00	8	0.00	6	0.00	5	0.01	8	0.38	9	0.35	6	1.20	7	9.10	12
1960	0.00	10	0.00	9	0.00	7	0.00	6	0.00	3	0.29	6	0.29	5	1.10	6	6.10	7
1961	0.00	11	0.00	10	0.02	15	0.07	15	0.21	13	0.35	7	0.81	9	3.00	13	29.00	25
1962	0.00	12	0.00	11	0.00	8	0.04	12	0.09	11	0.93	16	2.60	18	5.80	19	36.00	31
1963	0.00	13	0.00	12	0.03	16	0.04	13	1.10	22	1.60	21	2.60	19	9.30	24	45.00	35
1964	0.00	14	0.00	13	0.00	9	0.00	7	0.00	4	0.01	2	0.04	2	0.11	2	1.40	2
1965	0.00	15	0.00	14	0.00	10	0.00	8	0.00	5	0.01	3	0.04	3	0.18	4	6.20	8
1966	6.30	45	6.30	45	6.40	41	7.60	40	12.00	41	25.00	44	50.00	43	120.00	54	127.00	52
1967	0.00	16	0.00	15	0.00	11	0.00	9	0.00	6	1.00	17	9.00	24	7.60	22	66.00	44
1968	2.00	34	2.10	34	2.30	33	2.60	32	11.00	37	20.00	40	45.00	42	54.00	42	64.00	43
1969	0.60	26	0.67	27	0.80	26	1.00	24	1.50	24	8.50	27	75.00	51	71.00	47	76.00	45
1970	44.00	53	47.00	53	55.00	53	59.00	53	90.00	54	104.00	54	109.00	53	116.00	53	165.00	54

08249000 CONEJOS RIVER NEAR LASAUSES, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CONEJOS RIVER NEAR LASAUSES, CO.

YEAR	1	3	7	14	30	60	90	120	183
1971	0.08 20	0.11 19	0.21 20	0.38 19	0.71 20	8.50 28	54.00 46	77.00 49	107.00 49
1972	0.00 17	0.01 18	0.04 18	0.13 16	0.50 17	2.80 22	3.60 21	6.00 21	17.00 18
1973	0.00 18	0.00 16	0.00 12	0.00 10	0.00 7	0.00 1	0.01 1	0.08 1	0.63 1
1974	0.15 22	0.23 22	1.20 29	17.00 48	24.00 50	33.00 46	51.00 44	54.00 43	56.00 41
1975	0.00 19	0.00 17	0.00 13	0.00 11	0.02 9	0.28 5	0.58 7	0.86 5	5.10 5

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
51.8	88.8	59.1	60.5	75.4	89.5	226	764	554	127	50.3	38.6
5027	7531	535	280	545	2221	76440	524400	320400	53730	9085	5895
70.9	86.8	23.1	16.7	23.3	47.1	276	724	566	232	95.3	76.8
2.38	1.90	0.98	0.31	0.30	1.18	2.06	0.89	0.77	2.50	2.41	3.67
1.37	0.98	0.39	0.28	0.31	0.53	1.22	0.95	1.02	1.82	1.90	1.99
2.37	4.07	2.70	2.77	3.45	4.10	10.3	35.0	25.4	5.82	2.30	1.76

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.34	1.78	1.74	1.76	1.86	1.90	2.06	2.50	2.22	1.15	0.83	0.82
0.47	0.14	0.03	0.02	0.02	0.05	0.29	0.60	0.87	1.28	1.05	1.34
0.69	0.38	0.17	0.13	0.14	0.22	0.53	0.77	0.93	1.13	1.02	1.16
-0.94	0.26	-0.09	-0.52	-0.54	-0.02	-0.09	-1.10	-0.84	-0.19	-0.05	-1.07
0.51	0.21	0.10	0.07	0.08	0.12	0.26	0.31	0.42	0.98	1.23	1.42
6.70	8.92	8.71	8.84	9.29	9.49	10.3	12.5	11.1	5.78	4.16	4.09

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
182	16320	128	0.46	0.70	0.098

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.11	0.17	0.41	-0.66	0.20	0.147

08249400 CULEBRA CREEK NEAR CHAMA, COLO.

LOCATION.--Lat 37°10'37", long 105°19'18", Costilla County, in Sangre de Cristo Grant, on right bank 50 ft (15 m) downstream from bridge, 0.4 mi (0.6 km) downstream from El Poso Creek, and 3.3 mi (5.3 km) northeast of Chama.

DRAINAGE AREA.--72.4 mi² (187.5 km²).

REMARKS.--Diversions above station for irrigation of about 1,700 acres (6.88 km²), most of which is above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CULEBRA CREEK NEAR CHAMA, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1968				1	2	5	26	17	40	28	13	28	18	23	8	24	10	14	19	10	15	5	7	4	6	7	9	9	8	1	1		2	5	1
1969		5	1	2		10	35	29	28	13	15	33	11	10	8	3	5	10	12	18	15	8	12	10	15	9	9	1	10	12	10	2	3	1	
1970								1	8	44	16	22	24	10	12	23	66	32	19	12	12	4	7	2	6	8	11	7	6	6	4	3			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1096	100.0	12	20.0	53	674	61.5	24	87	27	172	15.6
1	5.00	5	1096	100.0	13	22.0	43	621	56.7	25	98	24	145	13.2
2	5.70	1	1091	99.5	14	25.0	28	578	52.7	26	110	29	121	11.0
3	6.40	3	1090	99.5	15	28.0	50	550	50.2	27	130	17	92	8.3
4	7.30	2	1087	99.2	16	32.0	81	500	45.6	28	140	24	75	6.8
5	8.20	15	1085	99.0	17	36.0	56	419	38.2	29	160	19	51	4.6
6	9.30	61	1070	97.6	18	41.0	50	363	33.1	30	180	15	32	2.9
7	11.00	47	1009	92.1	19	47.0	40	313	28.6	31	210	5	17	1.5
8	12.00	76	962	87.8	20	53.0	42	273	24.9	32	230	5	12	1.0
9	13.00	85	886	80.8	21	60.0	17	231	21.1	33	260	6	7	.6
10	15.00	44	801	73.1	22	68.0	26	214	19.5	34	300	1	1	
11	17.00	83	757	69.1	23	76.0	16	188	17.2					

08249400 CULEBRA CREEK NEAR CHAMA, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CULEBRA CREEK NEAR CHAMA, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1968	307.0	1	289.0	1	285.0	1	219.0	1	178.0	2	123.0	3	107.0	2	92.0	2	69.0	2
1969	271.0	2	249.0	2	211.0	2	190.0	2	185.0	1	147.0	1	126.0	1	112.0	1	87.0	1
1970	216.0	3	213.0	3	204.0	3	178.0	3	144.0	3	126.0	2	101.0	3	85.0	3	66.0	3

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CULEBRA CREEK NEAR CHAMA, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1968	6.20	2	6.90	2	8.60	2	9.40	2	10.00	2	11.00	2	12.00	2	12.00	2	15.00	2
1969	5.00	1	5.20	1	7.20	1	8.00	1	9.10	1	9.90	1	10.00	1	11.00	1	13.00	1
1970	11.00	3	12.00	3	13.00	3	13.00	3	13.00	3	14.00	3	15.00	3	18.00	3	24.00	3

08250000 CULEBRA CREEK AT SAN LUIS, COLO.

LOCATION.--Lat 37°11'02", long 105°25'31", Costilla County, in Beaubien Grant, on left bank at bridge, 1.0 mi (1.6 km) south of San Luis and 1.0 mi (1.6 km) upstream from Rito Seco.

DRAINAGE AREA.--220 mi² (570 km²).

REMARKS.--Diversions above station for irrigation. Flow regulated by Sanchez Reservoir on Ventero Creek (capacity, 103,000 acre-ft or 127 hm³).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CULEBRA CREEK AT SAN LUIS, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1928					4		3	1	6	2	25	16	158	5	15	16	12	9	4	3	2	7	12	3	6	3	4	16	4	22	6	2			
1929					8	2	5	4	11	3	39	99	49	21	14	10	14	6	10	8	20	4	3	2	1	4	6	1	9	8	3	1			
1930									10	5	6	59	53	29	22	34	24	10	12	4	12	11	4	8	3	4	14	19	14	8					
1931			1		2			2		5	5	2	22	175	36	16	12	8	5	7	7	2	7	4	3	7	14	6	14	3					
1932						2	1	7	2	1	5		91	104	31	10	3	8	8	9	10	1	9	13	10	16	20	5							
1933						1	1		6	10	18	66	44	39	55	4	1	4	6	8	12	8	7	12	11	18	7	4	13	10					
1934		3	1		2	2	5	12	12	10	16	9	29	86	59	14	5	6	5	9	11	6	7	17	18	9	12								
1935					10	2	8	5	11	72	16	68	33	19	8	7	14	10	7	4	6	2	4	7	4	9	19	13	7						
1936				1	1	1	2	2	4	8	25	4	16	65	89	25	16	26	10	5	6	5	4	7	2	5	10	11	15	1					
1937									3	3	15	8	33	101	61	20	8	6	4	2	4	10	7	11	4	8	7	13	25	9	3				
1938									1	3	17	2	17	62	120	25	14	3	3	4	3	6	8	7		9	6	11	16	22	6				
1939											3	5	29	80	84	31	12	7	8	7	8	6	9	5	2	6	12	10	25	12	4				
1940						3	3	4	16	7	5	8	80	64	47	16	17	9	9	2	3	7	4	7	2	8	9	4	15	11	6				
1941							1	2	4	9	6	11	42	51	97	6	15	12	13	10	6	8	3	8	3	5	4	2	14	15	14	3	1		
1942															42	120	45	18	10	11	14	7	11	8	2	3	5	3	8	17	26	6	4	4	1
1943										1	2		8	79	112	24	7	7	10	10	7	7	9	17	5	16	17	14	8	5					
1944							2		1	7	21	24	87	56	30	5	7	4	5	5	8	4	12	10	2	6	6	9	16	26	10	3			
1945										4	15	8	25	26	163	4	1	4	5	2	1	1	8	14	2	17	26	14	15	10					
1946					7	14		3	3	44	47	8	8	27	66	32	12	10	11	17	12	22	13	6	3										
1947							1	2	20	24	17	8	50	73	33	15	20	8	6	5	7	9	10	3		8	6	6	12	14	8				
1948								1	13	27	51	10	18	31	45	46	25	5	3	2	5	5	13	5	5	8	8	5	14	16	5				
1949							13	5	58	49	37	7	11	12	47	9	7	5	2	4	3	14	9	9	3	9	18	5	13	9	5	2			
1950			1	1					2	8	131	89	20		8	5	6	5	8	11	16	26	12	11	5										
1951		11	46	99	66	20	10	12	8	7	12		4	5	3	1	4	8	12	10	9	9	9												
1952			25	24	30	57	48	12	29	12	6	2	3		6	2	3	2	5	5	4	5	10	12	3	8	15	15	16	6	1				
1953						21	75	32	58	34	23	2	4	4	12	4	1	6	5	7	9	11	21	17	4	7	8								
1954					3	17	84	13	85	20	27	2	11	2	9	5	10	12	2	6	11	12	7	16	2	3	6								
1955				1	23	38	72	21	51	25	13	1	16	5	1	1	3	5	6	5	13	5	9	16	10	14	5	2	2	2					
1956						5	8		2	16	97	91	11	9	6	14	21	15	22	28	7	4	5	4	1										
1957				3	20	27	82	37	35	23	6	3	1	8	12	7	9	8	4	5	3	8	7	17	7	8	12	10	2	1					
1958													6	40	109	46	10	23	22	6		4	11	10		8	21	14	27	7	1				
1959										4	25	43	142	28	5	2	6	12	11	10	6	7	6	11	1	18	22	4	2						
1960					1	1	9	3	51	72	58	28	20	5	4	4	10	3	4	11	14	14	2	31	3	1	17								
1961						16	48	9	55	56	41	10	8	7	13	6	4	17	6	6	12	11	6	17	5	7	5								
1962									9	25	159	34	7	1	2	3	1	2	20	28	14	5	20	18	12	4	1								
1963							5	10	82	75	58	17	10	17	21	15	4	33	13	5															
1964						9	74	16	47	47	21	12	15	13	13	9	9	18	23	17	12	7	3	1											
1965					4	2	36	13	99	46	21	1	11	6	10	3	10	6	8	10	14	14	22	16	5	8									
1966											22	74	90	18	15	16	9	3	13	23	22	26	14	14	2		3	1							
1967								3	29	66	79	15	14	26	20	18	10	16	28	12	12	5	9	2	1										
1968							3	6	49	65	57	29	30	15	10	12	11	7[illegible]	5	4	3	2	7	24	11	10	6								
1969											47	60	70	36	17	20	11	210	16	6	13	13	8	14	5	6	2								
1970										6	16	32	82	60	43	15	14	30	14	3	5	17	13	19	10	11	12								

08250000 CULEBRA CREEK AT SAN LUIS, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR THE YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CULEBRA CREEK AT SAN LUIS, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1971					6	3	20	14	67	47	35	15	26	14	8	1	13	10	3	20	6	11	24	20	2										
1972					20	33	63	30	42	30	31	1	4	7	22	8	7	6	16	18	9	10	2	7											
1973					5	11	90	33	38	19	20	12	18	4	4	3	8	3		3	3	12	13	21	17	20	1	2		1	4				
1974						12	3		6	25	118	40	27	8	7	8	18	6	8	18	12	13	18	18											
1975						31	53	41	51	37	16	2	6	5	13	10	13	6	5	19	9	8	14	11	5	6	3	1							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	17532	100.0	12	21.0	1578	10880	62.1	24	120	199	1775	10.1
1	4.60	14	17532	100.0	13	25.0	1587	9302	53.1	25	130	317	1576	8.9
2	5.30	74	17518	99.9	14	28.0	1635	7715	44.0	26	150	369	1259	7.1
3	6.10	136	17444	99.5	15	33.0	707	6080	34.7	27	180	220	890	5.0
4	7.00	219	17308	98.7	16	38.0	514	5373	30.6	28	200	306	670	3.8
5	8.10	316	17089	97.5	17	43.0	442	4859	27.7	29	230	235	364	2.0
6	9.30	831	16773	95.7	18	50.0	431	4417	25.2	30	270	102	129	.7
7	11.00	355	15942	90.9	19	57.0	429	3986	22.7	31	310	17	27	.1
8	12.00	1117	15587	88.9	20	66.0	415	3557	20.3	32	350	5	10	
9	14.00	1062	14470	82.5	21	76.0	402	3142	17.9	33	410	4	5	
10	16.00	1491	13408	76.5	22	87.0	438	2740	15.6	34	470	1	1	
11	19.00	1037	11917	68.0	23	100.0	527	2302	13.1					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CULEBRA CREEK AT SAN LUIS, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1928	320.0	4	313.0	5	304.0	3	280.0	4	263.0	2	216.0	5	170.0	9	141.0	9	100.0	9
1929	314.0	6	303.0	6	283.0	5	255.0	5	217.0	8	149.0	20	117.0	25	97.0	24	70.0	24
1930	258.0	19	242.0	21	231.0	17	205.0	19	203.0	12	187.0	10	145.0	17	131.0	13	97.0	12
1931	253.0	20	244.0	18	227.0	19	200.0	20	196.0	16	153.0	18	125.0	19	102.0	21	76.0	19
1932	192.0	26	181.0	26	177.0	26	158.0	26	142.0	25	133.0	24	122.0	21	102.0	22	76.0	20
1933	251.0	21	242.0	19	234.0	16	213.0	16	181.0	19	166.0	16	150.0	15	128.0	16	91.0	16
1934	166.0	34	159.0	33	157.0	29	145.0	27	133.0	26	114.0	27	107.0	28	90.0	27	66.0	27
1935	222.0	24	213.0	23	197.0	23	187.0	21	174.0	20	149.0	21	128.0	18	105.0	18	75.0	21
1936	235.0	22	227.0	22	216.0	21	208.0	17	191.0	17	156.0	17	123.0	20	103.0	19	77.0	18
1937	288.0	13	281.0	12	266.0	10	223.0	12	198.0	14	187.0	11	171.0	8	145.0	8	105.0	8
1938	291.0	11	287.0	8	276.0	7	243.0	7	229.0	5	217.0	4	188.0	3	153.0	3	110.0	3
1939	292.0	10	284.0	10	250.0	12	234.0	9	223.0	7	203.0	6	177.0	5	148.0	7	107.0	7
1940	302.0	7	287.0	9	280.0	6	252.0	6	228.0	6	192.0	8	152.0	14	124.0	17	90.0	17
1941	351.0	2	328.0	2	307.0	2	289.0	2	260.0	3	234.0	3	183.0	4	152.0	4	109.0	4
1942	479.0	1	468.0	1	420.0	1	360.0	1	319.0	1	275.0	1	246.0	1	204.0	1	150.0	1
1943	264.0	16	246.0	16	217.0	20	207.0	18	160.0	21	151.0	19	145.0	16	130.0	14	99.0	10
1944	318.0	5	315.0	3	296.0	4	280.0	3	245.0	4	236.0	2	207.0	2	174.0	2	124.0	2
1945	264.0	17	248.0	15	238.0	15	223.0	13	209.0	10	187.0	12	172.0	7	152.0	5	109.0	5
1946	112.0	46	102.0	45	81.0	47	73.0	46	67.0	45	63.0	42	60.0	42	54.0	44	44.0	41
1947	299.0	9	288.0	7	269.0	9	224.0	11	207.0	11	178.0	15	155.0	13	129.0	15	95.0	13
1948	286.0	14	274.0	13	247.0	13	237.0	8	214.0	9	196.0	7	162.0	11	133.0	12	94.0	14
1949	326.0	3	314.0	4	270.0	8	233.0	10	191.0	18	184.0	13	165.0	10	140.0	10	98.0	11
1950	127.0	39	121.0	39	116.0	39	107.0	40	95.0	40	85.0	40	74.0	41	69.0	40	52.0	38
1951	99.0	47	92.0	47	89.0	44	81.0	44	70.0	44	58.0	47	50.0	47	41.0	47	29.0	47
1952	271.0	15	263.0	14	240.0	14	221.0	14	199.0	13	181.0	14	158.0	12	133.0	11	92.0	15
1953	178.0	30	175.0	27	160.0	28	123.0	34	116.0	32	104.0	31	98.0	30	81.0	31	58.0	33
1954	167.0	32	161.0	32	154.0	33	136.0	31	113.0	33	90.0	35	76.0	40	62.0	41	44.0	42
1955	260.0	18	242.0	20	202.0	22	141.0	28	121.0	30	111.0	29	108.0	27	89.0	28	62.0	31
1956	120.0	42	118.0	40	105.0	43	88.0	43	72.0	43	62.0	43	57.0	45	54.0	42	43.0	43
1957	231.0	23	207.0	24	178.0	25	171.0	23	158.0	22	130.0	25	118.0	24	97.0	25	68.0	25
1958	288.0	12	245.0	17	229.0	18	215.0	15	196.0	15	188.0	9	175.0	6	150.0	6	109.0	6
1959	218.0	25	206.0	25	188.0	24	166.0	24	151.0	23	143.0	22	120.0	23	101.0	23	73.0	23
1960	177.0	31	172.0	28	169.0	27	164.0	25	132.0	28	112.0	28	104.0	29	90.0	26	65.0	28
1961	164.0	35	157.0	34	155.0	31	131.0	33	116.0	31	95.0	32	86.0	34	73.0	37	55.0	36
1962	158.0	36	144.0	37	128.0	36	114.0	36	101.0	35	94.0	33	91.0	32	83.0	30	62.0	29
1963	64.0	48	63.0	48	56.0	48	48.0	48	47.0	48	42.0	48	39.0	48	36.0	48	29.0	48
1964	115.0	43	96.0	46	85.0	46	76.0	45	63.0	47	58.0	44	55.0	46	51.0	45	40.0	45
1965	142.0	38	138.0	38	127.0	37	111.0	37	101.0	36	92.0	34	91.0	33	79.0	32	58.0	32
1966	186.0	27	154.0	35	118.0	38	105.0	41	100.0	37	89.0	36	85.0	35	79.0	33	62.0	30
1967	125.0	40	104.0	44	87.0	45	70.0	47	64.0	46	58.0	45	59.0	43	54.0	43	42.0	44
1968	179.0	29	162.0	31	146.0	34	141.0	29	133.0	27	119.0	26	92.0	31	79.0	34	57.0	34
1969	152.0	37	148.0	36	134.0	35	121.0	35	95.0	41	87.0	37	83.0	37	73.0	35	57.0	35
1970	166.0	33	165.0	30	155.0	32	134.0	32	123.0	29	109.0	30	109.0	26	89.0	29	66.0	26
1971	122.0	41	117.0	41	113.0	40	109.0	38	100.0	38	86.0	38	82.0	38	71.0	38	51.0	40
1972	114.0	44	111.0	43	109.0	41	92.0	42	79.0	42	58.0	46	58.0	44	50.0	46	37.0	46
1973	302.0	8	282.0	11	253.0	11	187.0	22	150.0	24	134.0	23	121.0	22	103.0	20	74.0	22
1974	114.0	45	112.0	42	109.0	42	107.0	39	100.0	39	79.0	41	76.0	39	69.0	39	52.0	39
1975	182.0	28	171.0	29	156.0	30	139.0	30	106.0	34	86.0	39	85.0	36	73.0	36	54.0	37

08250000 CULEBRA CREEK AT SAN LUIS, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CULEBRA CREEK AT SAN LUIS, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1928	13.00	42	14.00	36	16.00	38	18.00	36	19.00	34	22.00	37	23.00	36	23.00	32	24.00	31
1929	7.00	9	7.00	6	11.00	24	14.00	30	17.00	31	19.00	29	19.00	26	19.00	25	20.00	25
1930	7.00	10	7.70	12	8.10	10	9.10	11	11.00	15	20.00	30	20.00	27	21.00	28	25.00	34
1931	12.00	38	16.00	43	17.00	39	19.00	37	20.00	35	25.00	44	25.00	42	25.00	41	26.00	40
1932	6.00	4	7.00	7	14.00	34	19.00	38	23.00	44	23.00	38	24.00	38	24.00	37	25.00	35
1933	9.00	23	14.00	37	18.00	40	20.00	39	20.00	36	20.00	31	21.00	29	23.00	33	25.00	36
1934	9.00	24	12.00	34	13.00	33	15.00	33	16.00	30	20.00	32	22.00	32	23.00	34	24.00	32
1935	5.00	2	5.00	2	6.40	3	11.00	20	15.00	28	15.00	21	17.00	21	18.00	21	19.00	23
1936	7.00	11	7.30	9	7.70	8	9.10	12	11.00	16	18.00	26	24.00	39	25.00	38	28.00	43
1937	6.20	5	14.00	38	16.00	35	20.00	40	23.00	45	24.00	41	24.00	40	25.00	39	25.00	37
1938	12.00	39	17.00	44	19.00	43	22.00	45	25.00	46	25.00	42	25.00	41	26.00	42	27.00	41
1939	14.00	43	20.00	47	23.00	47	25.00	47	25.00	47	27.00	47	27.00	46	27.00	44	29.00	45
1940	9.20	25	15.00	41	20.00	45	22.00	46	22.00	42	23.00	39	23.00	37	23.00	35	24.00	33
1941	8.80	20	14.00	39	18.00	41	20.00	41	20.00	37	25.00	43	26.00	43	26.00	43	26.00	38
1942	14.00	44	16.00	42	20.00	46	21.00	44	23.00	43	32.00	48	33.00	48	34.00	48	35.00	48
1943	24.00	48	25.00	48	25.00	48	26.00	48	26.00	48	26.00	45	27.00	44	28.00	45	29.00	46
1944	9.50	26	11.00	30	16.00	36	17.00	34	19.00	32	21.00	35	22.00	33	23.00	36	23.00	29
1945	15.00	45	17.00	45	19.00	44	20.00	42	21.00	41	27.00	46	27.00	45	28.00	46	28.00	44
1946	6.40	6	6.50	4	6.70	4	7.10	3	8.80	6	11.00	13	14.00	17	15.00	17	18.00	19
1947	9.50	27	12.00	31	12.00	29	14.00	31	19.00	33	20.00	33	21.00	30	21.00	29	22.00	26
1948	11.00	36	13.00	35	13.00	30	15.00	32	20.00	38	22.00	36	23.00	34	25.00	40	27.00	42
1949	9.50	28	10.00	24	11.00	25	13.00	27	15.00	29	16.00	24	18.00	23	18.00	22	19.00	24
1950	12.00	40	12.00	32	13.00	31	13.00	28	14.00	26	18.00	25	18.00	24	18.00	23	18.00	20
1951	4.60	1	4.90	1	5.00	1	5.10	1	5.50	1	6.10	1	6.40	1	6.50	1	6.70	1
1952	5.40	3	5.40	3	5.60	2	5.80	2	6.10	2	6.80	2	7.20	2	7.60	2	8.20	2
1953	9.00	21	9.30	20	9.50	17	9.60	15	9.90	12	10.00	11	11.00	10	11.00	8	12.00	10
1954	7.60	14	7.90	13	8.20	11	8.60	7	9.30	8	9.80	7	11.00	11	11.00	9	15.00	12
1955	6.80	7	7.20	8	7.50	6	7.60	5	7.90	4	8.50	3	8.90	3	9.30	3	11.00	5
1956	8.00	15	8.30	14	9.00	14	9.20	13	10.00	13	12.00	14	17.00	22	18.00	24	18.00	21
1957	6.80	8	6.90	5	7.10	5	7.20	4	7.80	3	8.90	4	9.50	4	10.00	4	11.00	6
1958	10.00	30	10.00	21	10.00	21	10.00	16	11.00	17	13.00	16	30.00	47	32.00	47	35.00	47
1959	16.00	47	17.00	46	18.00	42	20.00	43	20.00	39	21.00	34	21.00	31	21.00	30	24.00	30
1960	8.00	16	9.00	18	9.60	18	11.00	21	12.00	18	13.00	17	13.00	14	14.00	14	16.00	15
1961	8.50	18	8.50	15	8.60	12	8.90	10	9.80	11	9.90	9	10.00	6	11.00	10	12.00	7
1962	12.00	41	12.00	33	13.00	32	13.00	29	15.00	27	15.00	22	16.00	18	16.00	18	17.00	16
1963	10.00	31	11.00	25	12.00	26	12.00	22	13.00	23	13.00	18	13.00	15	14.00	15	15.00	13
1964	9.00	22	9.00	19	9.40	16	9.50	14	9.60	10	9.80	8	10.00	7	10.00	5	12.00	8
1965	8.00	17	8.70	16	9.10	15	10.00	17	10.00	14	11.00	12	12.00	12	12.00	12	12.00	9
1966	10.00	32	10.00	22	10.00	19	10.00	18	12.00	19	19.00	27	20.00	28	20.00	26	22.00	27
1967	11.00	37	11.00	26	12.00	27	12.00	23	12.00	20	13.00	19	14.00	16	15.00	16	18.00	22
1968	10.00	33	11.00	27	12.00	28	12.00	24	13.00	24	15.00	20	16.00	19	16.00	19	17.00	17
1969	10.00	34	11.00	28	11.00	22	12.00	25	13.00	25	19.00	28	19.00	25	20.00	27	22.00	28
1970	15.00	46	15.00	40	16.00	37	17.00	35	21.00	40	23.00	40	23.00	35	23.00	31	26.00	39
1971	10.00	35	10.00	23	10.00	20	11.00	19	12.00	21	12.00	15	12.00	13	13.00	13	16.00	14
1972	7.30	12	7.40	10	7.60	7	8.80	8	9.30	9	10.00	10	10.00	8	11.00	11	13.00	11
1973	7.30	13	7.70	11	7.80	9	8.20	6	8.30	5	9.60	6	10.00	9	10.00	6	10.00	3
1974	9.60	29	11.00	29	11.00	23	12.00	26	13.00	22	16.00	23	17.00	20	17.00	20	18.00	18
1975	8.80	19	8.80	17	8.80	13	8.90	9	9.10	7	9.40	5	9.80	5	10.00	7	11.00	4

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
22.2	22.2	19.1	18.7	18.9	19.6	19.1	53.6	141	114	83.8	31.3
59.4	83.3	57.0	45.3	39.0	41.1	61.7	930	3674	2692	1398	151
7.71	9.12	7.55	6.73	6.25	6.41	7.86	30.5	60.6	51.9	37.4	12.3
-0.22	0.57	0.28	-0.12	0.03	0.42	1.52	1.14	0.45	0.58	0.76	0.70
0.35	0.41	0.39	0.36	0.33	0.33	0.41	0.57	0.43	0.46	0.45	0.39
3.94	3.94	3.40	3.32	3.36	3.48	3.39	9.53	25.0	20.2	14.9	5.56

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.31	1.31	1.24	1.24	1.25	1.27	1.25	1.66	2.10	2.01	1.88	1.46
0.03	0.04	0.04	0.03	0.02	0.02	0.03	0.06	0.04	0.04	0.04	0.03
0.18	0.20	0.19	0.18	0.16	0.15	0.17	0.25	0.20	0.21	0.20	0.18
-0.99	-0.60	-0.50	-0.52	-0.59	-0.34	0.18	-0.20	-0.38	-0.29	-0.15	-0.60
0.14	0.15	0.15	0.14	0.13	0.12	0.13	0.15	0.10	0.10	0.11	0.13
7.31	7.26	6.92	6.89	6.96	7.05	6.94	9.24	11.7	11.2	10.5	8.12

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
47.0	258	16.1	0.50	0.34	0.563

08250000 CULEBRA CREEK AT SAN LUIS, COLO.--Continued

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.65	0.02	0.15	-0.27	0.09	0.515

08250500 CULEBRA CREEK BELOW SAN LUIS, COLO.

LOCATION.--Lat 37°10'40", long 105°25'53", in Beaubien Grant, Costilla County, on left bank 450 ft (137 m) downstream from Rito Seco, 500 ft (150 m) downstream from bridge on State Highway 159, and 0.2 mi (0.3 km) southwest of San Luis.

DRAINAGE AREA.--255 mi² (660 km²).

REMARKS.--Diversions above station for irrigation. Flow regulated by Sanchez Reservoir on Ventero Creek (capacity, 103,000 acre-ft or 127 hm³).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CULEBRA CREEK BELOW SAN LUIS, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1939									1	1	6	18	147	63	12	9	10	11	7	4	6	6	8	4	8	19	20	5							
1940						1	4	5	9	9	42	134	65	16	2	4	3	5	5	4	4	6	5	4	5	8	20	5	1						
1941									2	11	14	73	113	24	15	8	4	6	3	5	13	4	8	1	6	15	18	9	10	2		1			
1942												29	110	39	40	11	14	11	12	8	7	5	5	1	3	8	15	11	18	6	3	5	1	2	1
1943					1	1			2	3	24	40	81	72	23	15	5	4	8	7	20	14	16	12	5	9	3								
1944									1	14	41	111	48	20	7	5	9	18	9	4	8	4	8	8	9	14	20	5	3						
1945								4	6	22	22	80	102	2	5	5	4	3	8	12	13	14	22	13	7	18	3								
1946				1	6	23	4	13	38	50	21	64	43	14	15	18	23	18	10	2	2														
1947						1	8	23	20	21	28	57	73	23	11	10	5	11	13	3	4	5	7	3	6	13	9	9	2						
1948									10	32	48	49	60	40	25	11	6	9	3	8	8	10	7	6	5	18	8	3							
1949							4	40	44	52	33	18	48	10	9	5	2	9	12	9	11	10	7	9	10	6	10	3	4						
1950			3	2	5	7	16	16	19	90	98	13	6	7	11	23	14	17	9	4	5														
1951			17	21	34	93	77	45	10	6		1	3	11	13	9	9	6	10																
1952			25		12	37	58	67	25	14	8	4	7	3	6	3	7	2	11	5	12	7	8	14	12	12	6	1							
1953		1	2		11	2	8	121	81	27	8	5	7	3	4	8	9	8	18	15	13	5	7	2											
1954			2	4	20	27	37	88	46	24	14	8	18	11	6	7	9	11	5	8	11	7	2												
1955				1	20	15	8	132	55	18	4	11	4	2	6	7	4	13	5	7	22	18	4	3		3	2	1							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	6209	100.0	12	40.0	935	3147	50.7	24	190	76	464	7.4
1	9.80	1	6209	100.0	13	46.0	360	2212	35.6	25	210	143	388	6.2
2	11.00	49	6208	100.0	14	52.0	210	1852	29.8	26	240	134	245	3.9
3	13.00	29	6159	99.2	15	59.0	158	1642	26.4	27	280	52	111	1.7
4	14.00	109	6130	98.7	16	67.0	137	1484	23.9	28	310	38	59	.9
5	16.00	207	6021	97.0	17	76.0	162	1347	21.7	29	360	8	21	.3
6	19.00	224	5814	93.6	18	87.0	148	1185	19.1	30	410	3	13	.2
7	21.00	554	5590	90.0	19	99.0	105	1037	16.7	31	460	6	10	.1
8	24.00	369	5036	81.1	20	110.0	159	932	15.0	32	520	1	4	
9	27.00	394	4667	75.2	21	130.0	115	773	12.4	33	600	2	3	
10	31.00	411	4273	68.8	22	150.0	114	658	10.6	34	680	1	1	
11	35.00	715	3862	62.2	23	170.0	80	544	8.8					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CULEBRA CREEK BELOW SAN LUIS, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1939	308.0	7	303.0	6	274.0	7	248.0	5	242.0	4	219.0	4	190.0	4	160.0	4	121.0	4
1940	314.0	6	300.0	7	290.0	4	268.0	4	250.0	3	208.0	5	163.0	8	133.0	10	100.0	9
1941	470.0	2	381.0	2	327.0	2	297.0	2	265.0	2	245.0	2	217.0	2	184.0	2	136.0	2
1942	682.0	1	674.0	1	574.0	1	471.0	1	410.0	1	337.0	1	292.0	1	242.0	1	178.0	1
1943	276.0	11	255.0	11	219.0	12	208.0	11	161.0	11	152.0	11	146.0	11	132.0	11	100.0	10
1944	319.0	5	315.0	4	290.0	3	273.0	3	237.0	5	229.0	3	198.0	3	169.0	3	125.0	3
1945	270.0	12	251.0	12	239.0	10	221.0	10	207.0	8	182.0	10	167.0	6	151.0	5	112.0	5
1946	114.0	16	105.0	16	95.0	16	89.0	16	78.0	16	70.0	16	65.0	16	61.0	16	51.0	14
1947	346.0	3	303.0	5	277.0	6	234.0	8	220.0	6	191.0	7	165.0	7	139.0	7	107.0	6
1948	289.0	8	275.0	8	247.0	9	235.0	7	212.0	7	193.0	6	161.0	10	134.0	9	101.0	8
1949	341.0	4	331.0	3	281.0	5	237.0	6	195.0	10	189.0	8	169.0	5	145.0	6	105.0	7
1950	123.0	15	116.0	15	110.0	15	97.0	15	85.0	15	75.0	15	67.0	15	62.0	14	50.0	15
1951	97.0	17	94.0	17	91.0	17	81.0	17	70.0	17	58.0	17	50.0	17	42.0	17	34.0	17
1952	286.0	9	274.0	9	250.0	8	231.0	9	205.0	9	186.0	9	162.0	9	137.0	8	99.0	11
1953	176.0	13	173.0	13	157.0	13	120.0	14	115.0	13	102.0	13	97.0	13	82.0	13	62.0	13
1954	161.0	14	155.0	14	147.0	14	132.0	13	109.0	14	87.0	14	74.0	14	61.0	15	47.0	16
1955	280.0	10	265.0	10	223.0	11	156.0	12	126.0	12	123.0	12	117.0	12	98.0	12	71.0	12

08250500 CULEBRA CREEK BELOW SAN LUIS, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CULEBRA CREEK BELOW SAN LUIS, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1940	22.00	11	27.00	13	30.00	13	32.00	12	33.00	13	34.00	10	35.00	10	35.00	10	36.00	10
1941	18.00	8	20.00	9	24.00	9	28.00	10	31.00	10	36.00	13	36.00	12	37.00	12	38.00	12
1942	30.00	15	32.00	15	38.00	16	39.00	16	39.00	15	40.00	15	41.00	15	42.00	15	46.00	16
1943	37.00	16	37.00	16	37.00	15	38.00	15	39.00	16	42.00	16	43.00	16	43.00	16	45.00	15
1944	15.00	6	20.00	10	28.00	11	32.00	13	33.00	11	35.00	11	35.00	11	35.00	11	36.00	11
1945	22.00	12	27.00	14	30.00	14	34.00	14	35.00	14	37.00	14	37.00	13	38.00	13	39.00	13
1946	15.00	7	15.00	6	16.00	6	17.00	5	20.00	5	24.00	6	26.00	6	27.00	6	32.00	8
1947	13.00	5	14.00	5	15.00	5	17.00	6	28.00	9	30.00	9	30.00	9	32.00	9	33.00	9
1948	24.00	13	26.00	12	28.00	12	31.00	11	33.00	12	36.00	12	38.00	14	40.00	14	41.00	14
1949	19.00	9	20.00	7	21.00	8	22.00	8	24.00	7	28.00	7	29.00	7	30.00	7	31.00	6
1950	24.00	14	24.00	11	25.00	10	26.00	9	27.00	8	28.00	8	29.00	8	30.00	8	31.00	7
1951	12.00	4	12.00	4	13.00	3	16.00	4	16.00	2	18.00	2	18.00	2	18.00	2	18.00	1
1952	11.00	2	11.00	1	11.00	1	11.00	1	12.00	1	14.00	1	16.00	1	16.00	1	18.00	2
1953	20.00	10	20.00	8	20.00	7	21.00	7	21.00	6	22.00	5	22.00	3	23.00	4	24.00	4
1954	9.80	1	11.00	2	14.00	4	14.00	2	19.00	4	21.00	4	22.00	4	23.00	5	27.00	5
1955	12.00	3	12.00	3	13.00	2	15.00	3	17.00	3	19.00	3	22.00	5	22.00	3	22.00	3

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
33.5	36.0	31.3	32.1	32.6	34.2	32.6	66.7	167	143	107	44.8
113	111	80.5	77.7	74.1	96.3	119	2403	6656	3878	1984	244
10.6	10.5	8.97	8.81	8.61	9.81	10.9	49.0	81.6	62.3	44.5	15.6
-0.15	-0.12	-0.02	-0.24	-0.32	0.08	1.16	1.37	0.67	-0.08	-0.17	-0.30
0.32	0.29	0.29	0.27	0.26	0.29	0.34	0.74	0.49	0.44	0.42	0.35
4.41	4.73	4.12	4.22	4.29	4.49	4.29	8.76	22.0	18.8	14.1	5.88

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.50	1.54	1.48	1.49	1.50	1.52	1.49	1.72	2.17	2.10	1.99	1.62
0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.09	0.06	0.05	0.05	0.03
0.16	0.14	0.13	0.13	0.12	0.13	0.14	0.30	0.24	0.23	0.22	0.18
-1.14	-0.59	-0.40	-0.49	-0.62	-0.21	0.24	0.27	-0.51	-0.83	-0.95	-1.14
0.11	0.09	0.09	0.09	0.08	0.09	0.09	0.18	0.11	0.11	0.11	0.11
7.46	7.64	7.35	7.40	7.45	7.54	7.42	8.57	10.8	10.5	9.87	8.05

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
63.5	492	22.2	0.22	0.35	0.519

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.78	0.03	0.17	-0.57	0.09	0.484

08251500 RIO GRANDE NEAR LOBATOS, COLO.

LOCATION.--Lat 37°04'42", long 105°45'22", in sec.22, T.33 N., R.11 E., Conejos County, on right bank at highway bridge, 6 mi (10 km) north of Colorado-New Mexico State line, 7 mi (11 km) downstream from Culebra Creek, 10 mi (16 km) east of Lobatos, and 14 mi (23 km) east of Antonito.

DRAINAGE AREA.--7,700 mi² (19,900 km²), approximately (includes 2,940 mi² or 7,610 km² in closed basin in northern part of San Luis Valley, Colo.).

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs, ground-water withdrawals and diversions for irrigation, and return flow from irrigated areas.

08251500 RIO GRANDE NEAR LOBATOS, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE NEAR LOBATOS, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1900													3	43	40		5	1	6	10	11	48	129	16	12	3	2	11	6	9	7	3			
1901														6	26		32	65	14	20	9	8	120	2	10	1	8	23	12	8	1				
1902												6	16	53	21		43	21	9	5	36	69	37	18	31										
1903													2	14	57	90	38		11	30	1	2	21	7	16	4	9	8	12	9	12	9	7	6	
1904														58	4	38	31		29	76	105	4	6	4	7	4									
1905																		14	6	34	16	2	71	65	19	26	23	13	27	8	7	4	12	17	1
1906																		3	11	4	25	12	142	41	9	9	16	27	17	18	13	11	7		
1907																									116	23	61	46	31	19	16	15	38		
1908																			6	1	3	10	24	115	113	52	26	11	5						
1909																				4	8	23	107	52	44	6	16	21	15	24	28	12	5		
1910															17	21	6	23	9	14	7	5	23	58	47	24	21	37	19	11	13	10			
1911																2		12	8	7	7	29	62	78	28	22	15	11	18	19	34	13			
1912																				4	15	33	17	12	123	44	11	25	17	14	18	8	25		
1913															1	23	8	22	20	10	3	12	110	73	21	18	25	17	2						
1914																				1	2	7	78	89	59	43	20	25	17	13	11				
1915																						29	114	74	46	18	18	29	18	16	3				
1916																						17	61	92	41	49	21	34	29	14	2	6			
1917																					12	31	16	10	137	23	31	24	32	13	11	14	11		
1918																5	4	16	6	10	11	43	65	103	70	14	9	9							
1919																			4	7	44	22	99	54	26	24	26	13	3	13	25	5			
1920																					10	13	60	116	81	9	6	6	5	6	13	15	20	6	
1921																							24	58	126	57	30	19	17	4	11	6	6	7	
1922																			17	50	3	6	14	32	165	8	2	13	11	7	17	16	4		
1923																				46	5	3	19	144	58	6	8	19	25	22	10				
1924																		20	23	29	10	7	6	36	36	38	66	30	11	16	13	15	10		
1925																			2	32	21	42	77	65	77	46	3								
1926																1	6	21	37	4	1	7	17	34	124	57	9	14	14	19					
1927																			20	14	8	30	55	87	44	18	13	19	24	21	6	3	2	1	
1928																17	8	18	43	9	5	3	12	79	43	55	30	20	15	4	5				
1929																		7	21	16	10	20	70	76	37	21	18	19	25	24	1				
1930																	1	8	19	33	7	5	57	53	70	71	29	11	1						
1931														11	27	18	21	26	11	12	36	76	47	64	6	9	1								
1932																			6	59	29	30	80	32	39	15	8	17	12	13	18	8			
1933																11	18	9	13	35	32	34	93	62	12	9	17	13	7						
1934												12	27	21	13	18	13	12	17	23	48	48	50	54	9										
1935															9	8	12	31	34	55	26	86	15	12	13	12	10	11	12	10	9				
1936													3	9	11	20	1	4	3	21	31	66	92	51	7	6	11	14	16						
1937																14	25	19	17	2	2	30	62	58	52	10	11	13	18	18	14				
1938																		7	28	62	22	51	49	59	5	4	3	14	21	30	10				
1939													12	24	25	8	25	14	4	1	2	14	4	92	43	62	24	11							
1940											5	1	28	20	25	13	22	17	51	17	43	56	35	16	9	7	1								
1941																	6	29	12	15	26	97	49	24	11	13	7	5	8	13	24	18	8		
1942																		17	37	17	6	11	41	29	25	38	39	17	23	22	28	15			
1943																	9	18	65	41	17	40	63	73	15	12	10	2							
1944																	16	28	28	23	18	15	83	33	37	17	2	2	16	23	9	16			
1945																	11	34	33	14	18	27	84	82	17	12	6	13	5	9					
1946														3	11	15	33	43	42	30	20	75	66	27											
1947																	8	13	26	30	35	52	80	70	19	11	11	6	4						
1948																	27	21	22	13	15	18	68	61	18	27	12	9	19	8	3	14	11		
1949																		3	18	51	11	23	121	32	20	4	18	23	15	7	6	5	7	1	
1950	22				4	1						1		1	6	19	11	14	13	40	48	20	74	63	22	4	2								
1951	34	1			2	4	4	2			3	8	5	10	15	35	12	32	35	26	29	23	81	4											
1952																6	14	16	17	23	18	57	75	25	20	32	9	5	15	31	3				
1953											2		2	2	6	24	32	16	15	41	40	46	76	58	4	1									
1954										5	4	13	15	20	14	28	34	32	54	32	16	53	38	7											
1955									1	1	1	11	9	29	26	26	20	48	46	41	20	80	6												
1956	8	2	1	2	2	6	6	6	4	15	15	7	8	12	1	18	18	29	30	45	22	75	22	5	6	1									
1957										1	5	3	2	10	6	5	8	35	108	32	13	5	6	15	8	23	14	23	28	12	3				
1958														1	7	23	24	17	12	23	17	7	73	66	23	12	12	12	8	20	8				
1959												14	13	29	16	30	35	26	40	18	24	81	36	3											
1960														11	4	23	13	8	24	37	20	61	80	22	21	15	12	14	1						
1961																6	26	27	48	40	48	84	40	11	14	14	6	1							
1962																	1	18	46	32	6	8	66	53	75	18	13	12	15	2					
1963								1		1	2	12	18	23	25	30	28	20	20	16	40	27	80	13	2	7									
1964										1	11	23	23	35	12	26	45	50	14	42	43	24	16	1											
1965												3	2	2	2	7	17	7	28	17	24	72	27	38	11	29	21	24	22	6	6				
1966																4	14	31	14	11	17	16	15	99	64	63	15	2							
1967																2	10	22	47	32	35	56	77	45	15	15	9								
1968																		17	22	14	18	45	92	44	45	22	15	15	16	1					
1969																		4	2	20	16	27	74	118	41	22	25	10	4	2					
1970																		20	10	15	7	8	35	72	110	37	35	14	2						
1971																	2	8	21	63	45	29	34	54	86	7	12	4							
1972															2	7	8	30	23	40	61	16	86	41	40	12									
1973																			4	9	3	14	122	44	68	20	21	10	27	22	1				
1974														12	47	33	9	8	4	8	18	23	107	50	29	17									
1975														1	4	2	2	13	15	17	18	55	35	72	48	12	5	41	24	1					

08251500 RIO GRANDE NEAR LOBATOS, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE NEAR LOBATOS, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	64	27758	100.0	12	8.0	188	27459	98.9	24	450	2945	8508	30.6
1	0.10	3	27694	99.8	13	11.0	460	27271	98.2	25	620	1444	5563	20.0
2	0.30	1	27691	99.8	14	16.0	480	26811	96.6	26	870	989	4119	14.8
3	0.40	2	27690	99.8	15	22.0	676	26331	94.9	27	1200	911	3130	11.2
4	0.50	2	27688	99.7	16	31.0	812	25655	92.4	28	1700	766	2219	7.9
5	0.80	12	27686	99.7	17	43.0	1144	24843	89.5	29	2400	581	1453	5.2
6	1.10	11	27674	99.7	18	60.0	1500	23699	85.4	30	3300	419	872	3.1
7	1.50	11	27663	99.7	19	83.0	1725	22199	80.0	31	4700	241	453	1.6
8	2.10	7	27652	99.6	20	120.0	1498	20474	73.8	32	6500	173	212	.7
9	2.90	24	27645	99.6	21	160.0	2403	18976	68.4	33	9100	38	39	.1
10	4.10	48	27621	99.5	22	230.0	4368	16573	59.7	34	13000	1	1	
11	5.70	114	27573	99.3	23	320.0	3697	12205	44.0					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE NEAR LOBATOS, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1900	4700.0	23	4700.0	23	4450.0	23	3820.0	22	2920.0	25	1820.0	35	1320.0	37	1060.0	37	774.0	37
1901	3620.0	35	3270.0	36	2870.0	38	2450.0	36	2080.0	37	1630.0	38	1160.0	38	930.0	39	697.0	40
1902	565.0	69	565.0	69	526.0	68	511.0	65	479.0	63	394.0	63	365.0	62	322.0	65	268.0	66
1903	12800.0	2	10600.0	3	9720.0	3	8390.0	4	6490.0	6	4400.0	6	3220.0	9	2490.0	11	1660.0	14
1904	751.0	66	664.0	66	539.0	67	286.0	74	238.0	74	170.0	76	133.0	76	129.0	76	127.0	75
1905	13100.0	1	12800.0	1	12300.0	1	10600.0	1	9990.0	1	6530.0	2	4640.0	2	3680.0	2	2560.0	2
1906	8280.0	10	8170.0	9	7680.0	8	6200.0	11	5040.0	12	3900.0	12	3150.0	10	2590.0	9	1810.0	11
1907	8800.0	7	8660.0	5	8390.0	5	7870.0	5	7800.0	3	6700.0	1	5310.0	1	4540.0	1	3450.0	1
1908	2150.0	45	2130.0	45	1890.0	45	1400.0	47	1170.0	46	970.0	45	861.0	46	814.0	42	692.0	41
1909	7460.0	13	7340.0	13	6900.0	13	5910.0	12	4580.0	14	4040.0	10	3140.0	11	2480.0	12	2070.0	4
1910	5360.0	21	5310.0	20	4840.0	21	4260.0	21	3880.0	19	2930.0	20	2410.0	18	1970.0	17	1410.0	18
1911	5750.0	18	5590.0	18	5250.0	17	4690.0	16	4240.0	17	3860.0	14	3320.0	6	2650.0	6	1920.0	7
1912	8680.0	8	8470.0	8	8280.0	6	7820.0	6	6730.0	4	4850.0	4	3580.0	5	2870.0	4	2050.0	5
1913	1810.0	49	1690.0	49	1440.0	50	1220.0	50	1050.0	49	942.0	46	897.0	43	772.0	44	594.0	46
1914	4590.0	24	4450.0	24	4060.0	25	3320.0	26	2890.0	26	2160.0	28	1750.0	28	1480.0	26	1200.0	25
1915	3790.0	32	3640.0	31	3190.0	32	2440.0	37	2100.0	36	1890.0	34	1570.0	31	1350.0	31	1010.0	30
1916	5910.0	17	5620.0	17	5100.0	18	3760.0	24	2780.0	29	2370.0	25	1850.0	24	1710.0	21	1370.0	21
1917	7750.0	12	7480.0	12	7290.0	10	6840.0	7	5840.0	8	4240.0	7	3230.0	8	2610.0	8	1890.0	9
1918	1570.0	54	1530.0	53	1410.0	52	1200.0	51	878.0	52	669.0	54	567.0	55	533.0	54	475.0	54
1919	5090.0	22	4930.0	22	4710.0	22	4430.0	18	3950.0	18	3110.0	19	2390.0	20	1950.0	18	1420.0	17
1920	9320.0	5	9220.0	4	9100.0	4	8900.0	3	7970.0	2	6150.0	3	4450.0	3	3480.0	3	2440.0	3
1921	12200.0	3	11800.0	2	11000.0	2	9020.0	2	6550.0	5	4100.0	9	3010.0	14	2520.0	10	1870.0	10
1922	7220.0	15	6990.0	15	6560.0	15	5510.0	14	5170.0	10	3850.0	15	2800.0	15	2240.0	15	1640.0	15
1923	3970.0	29	3950.0	28	3650.0	27	3150.0	28	3000.0	23	2410.0	24	1770.0	27	1490.0	25	1220.0	23
1924	7380.0	14	7200.0	14	7110.0	11	6710.0	8	5470.0	9	4210.0	8	3310.0	7	2650.0	7	1910.0	8
1925	922.0	61	840.0	61	781.0	61	711.0	59	680.0	56	610.0	55	605.0	53	572.0	53	479.0	53
1926	3240.0	38	3170.0	38	2940.0	36	2730.0	33	2520.0	32	1940.0	32	1490.0	33	1270.0	32	1000.0	31
1927	9580.0	4	8520.0	6	6790.0	14	4420.0	19	3450.0	20	2500.0	23	1930.0	23	1570.0	24	1370.0	22
1928	3960.0	30	3780.0	29	3450.0	30	2630.0	34	1930.0	38	1330.0	39	1090.0	39	953.0	38	760.0	38
1929	3490.0	37	3230.0	37	2970.0	35	2610.0	35	2520.0	33	1780.0	36	1340.0	36	1240.0	34	1120.0	28
1930	1730.0	51	1610.0	51	1450.0	49	1280.0	48	924.0	51	818.0	50	722.0	49	656.0	48	570.0	49
1931	900.0	62	829.0	62	803.0	59	688.0	60	533.0	62	427.0	62	359.0	64	345.0	63	312.0	60
1932	5670.0	19	5500.0	19	5000.0	19	4320.0	20	3190.0	21	3130.0	17	2400.0	19	1900.0	20	1400.0	19
1933	2130.0	46	2010.0	46	1880.0	46	1560.0	45	1370.0	44	937.0	47	680.0	50	623.0	50	499.0	52
1934	497.0	70	490.0	70	490.0	69	458.0	67	407.0	66	363.0	65	360.0	63	333.0	64	276.0	64
1935	4420.0	25	4060.0	27	3570.0	28	3490.0	25	2840.0	28	1980.0	31	1470.0	34	1140.0	36	780.0	36
1936	2300.0	44	2150.0	44	2010.0	44	1830.0	43	1620.0	42	1210.0	42	869.0	45	745.0	46	580.0	48
1937	4220.0	26	4190.0	25	4070.0	24	3770.0	23	3100.0	22	2560.0	21	1990.0	22	1610.0	23	1170.0	26
1938	3830.0	31	3580.0	32	3380.0	31	3060.0	29	2890.0	27	2540.0	22	2170.0	21	1700.0	22	1210.0	24
1939	1590.0	53	1550.0	52	1470.0	48	1240.0	49	1050.0	50	934.0	48	765.0	47	658.0	47	606.0	45
1940	1100.0	58	868.0	60	670.0	65	652.0	63	451.0	64	280.0	69	256.0	70	262.0	67	237.0	68
1941	7890.0	11	7640.0	11	6900.0	12	5720.0	13	5050.0	11	4750.0	5	3650.0	4	2820.0	5	1980.0	6
1942	5410.0	20	5180.0	21	4990.0	20	4660.0	17	4410.0	16	3880.0	13	3110.0	12	2470.0	13	1730.0	12
1943	1280.0	55	1240.0	55	1050.0	55	968.0	54	672.0	57	564.0	57	443.0	57	433.0	57	396.0	57
1944	6210.0	16	5900.0	16	5550.0	16	5150.0	15	4510.0	15	3460.0	16	2580.0	16	2080.0	16	1490.0	16
1945	2730.0	39	2700.0	39	2660.0	39	2350.0	38	1840.0	39	1250.0	41	934.0	42	779.0	43	615.0	44
1946	447.0	71	440.0	71	422.0	71	371.0	70	333.0	69	278.0	70	258.0	69	258.0	69	237.0	69
1947	1910.0	48	1820.0	47	1710.0	47	1420.0	46	1110.0	47	763.0	51	593.0	54	502.0	55	418.0	56
1948	8510.0	9	8140.0	10	7400.0	9	6680.0	9	5940.0	7	3930.0	11	3010.0	13	2410.0	14	1690.0	13
1949	9110.0	6	8500.0	7	7770.0	7	6550.0	10	4690.0	13	3120.0	18	2440.0	17	1910.0	19	1370.0	20
1950	1010.0	60	928.0	59	782.0	60	568.0	64	436.0	65	377.0	64	351.0	65	349.0	62	301.0	61
1951	320.0	75	318.0	74	317.0	74	305.0	73	288.0	71	283.0	68	270.0	68	243.0	70	190.0	70
1952	4010.0	28	3520.0	33	3130.0	33	2880.0	31	2580.0	31	2350.0	26	1800.0	25	1460.0	27	1080.0	29
1953	760.0	65	633.0	67	447.0	70	386.0	69	367.0	67	341.0	66	326.0	66	311.0	66	269.0	65
1954	360.0	73	352.0	72	339.0	72	307.0	72	266.0	73	226.0	72	234.0	71	212.0	72	166.0	73
1955	280.0	76	273.0	76	249.0	76	230.0	76	215.0	76	199.0	74	184.0	74	164.0	74	135.0	74
1956	660.0	68	617.0	68	560.0	66	443.0	68	324.0	70	208.0	73	193.0	73	174.0	73	179.0	72
1957	3680.0	34	3500.0	34	2910.0	37	2340.0	39	2210.0	35	2080.0	30	1710.0	29	1430.0	29	992.0	33
1958	4180.0	27	4110.0	26	3780.0	26	3170.0	27	2930.0	24	2140.0	29	1540.0	32	1260.0	33	923.0	34
1959	358.0	74	344.0	73	327.0	73	308.0	71	272.0	72	240.0	71	221.0	72	221.0	71	183.0	71
1960	1750.0	50	1660.0	50	1430.0	51	1170.0	53	861.0	53	672.0	53	644.0	52	583.0	52	460.0	55

08251500 RIO GRANDE NEAR LOBATOS, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE NEAR LOBATOS, CO.

YEAR	1		3		7		15		30		60		90		120		183	
1961	1230.0	57	1160.0	57	971.0	57	751.0	58	609.0	58	530.0	58	417.0	58	372.0	59	301.0	62
1962	2510.0	41	2440.0	41	2140.0	42	1880.0	42	1780.0	40	1260.0	40	1020.0	40	870.0	40	705.0	39
1963	710.0	67	707.0	65	681.0	64	484.0	66	367.0	68	318.0	67	272.0	67	261.0	68	251.0	67
1964	406.0	72	309.0	75	269.0	75	254.0	75	225.0	75	183.0	75	159.0	75	144.0	75	115.0	76
1965	3710.0	33	3650.0	30	3510.0	29	2990.0	30	2400.0	34	1930.0	33	1590.0	30	1360.0	30	993.0	32
1966	1280.0	56	1190.0	56	1030.0	56	826.0	56	754.0	54	708.0	52	670.0	51	606.0	51	545.0	50
1967	1060.0	59	970.0	58	882.0	58	800.0	57	591.0	60	440.0	60	370.0	61	355.0	61	292.0	63
1968	2400.0	42	2360.0	43	2190.0	41	2000.0	40	1560.0	43	1190.0	43	1000.0	41	844.0	41	690.0	42
1969	2670.0	40	2500.0	40	2120.0	43	1600.0	44	1320.0	45	1070.0	44	878.0	44	761.0	45	632.0	43
1970	1920.0	47	1780.0	48	1350.0	53	1190.0	52	1110.0	48	893.0	49	745.0	48	643.0	49	585.0	47
1971	1640.0	52	1510.0	54	1240.0	54	903.0	55	700.0	55	592.0	56	512.0	56	482.0	56	506.0	51
1972	840.0	63	821.0	63	777.0	62	685.0	61	583.0	61	437.0	61	392.0	59	377.0	58	375.0	58
1973	3500.0	36	3280.0	35	2970.0	34	2770.0	32	2640.0	30	2180.0	27	1780.0	26	1460.0	28	1120.0	27
1974	760.0	64	741.0	64	689.0	63	682.0	62	606.0	59	447.0	59	391.0	60	363.0	60	374.0	59
1975	2400.0	43	2390.0	42	2280.0	40	1980.0	41	1780.0	41	1680.0	37	1410.0	35	1180.0	35	920.0	35

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE NEAR LOBATOS, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1901	8.00	16	8.00	14	10.00	13	11.00	13	12.00	12	14.00	9	16.00	10	19.00	6	63.00	15
1902	12.00	19	12.00	18	13.00	17	24.00	24	35.00	26	41.00	21	42.00	21	45.00	20	68.00	16
1903	6.00	12	6.00	10	6.30	9	7.10	6	8.70	5	10.00	4	12.00	4	15.00	3	18.00	1
1904	14.00	22	23.00	27	23.00	25	26.00	26	43.00	32	67.00	37	66.00	30	84.00	32	96.00	22
1905	14.00	23	14.00	20	14.00	18	14.00	15	16.00	15	18.00	14	19.00	12	43.00	17	91.00	20
1906	45.00	48	45.00	45	45.00	44	45.00	41	61.00	42	82.00	40	98.00	41	112.00	39	161.00	35
1907	155.00	68	155.00	68	155.00	66	204.00	68	237.00	68	448.00	72	508.00	73	542.00	74	614.00	69
1908	345.00	75	345.00	75	345.00	75	350.00	75	350.00	72	353.00	69	369.00	65	393.00	64	473.00	65
1909	63.00	53	63.00	53	69.00	53	132.00	61	222.00	65	238.00	59	260.00	59	261.00	55	287.00	54
1910	110.00	63	110.00	63	127.00	63	170.00	66	200.00	62	359.00	70	391.00	68	439.00	67	636.00	70
1911	20.00	26	20.00	25	20.00	24	20.00	20	26.00	20	52.00	29	49.00	22	56.00	22	123.00	26
1912	65.00	54	72.00	54	82.00	55	101.00	56	459.00	75	488.00	74	487.00	72	518.00	72	1010.00	75
1913	110.00	64	110.00	64	119.00	62	153.00	64	196.00	61	214.00	58	231.00	56	252.00	53	271.00	52
1914	20.00	27	23.00	28	25.00	29	30.00	30	37.00	27	48.00	26	58.00	26	132.00	42	219.00	46
1915	185.00	71	193.00	71	212.00	71	239.00	72	268.00	70	279.00	64	283.00	61	307.00	61	407.00	62
1916	165.00	70	172.00	69	188.00	69	199.00	67	233.00	67	259.00	61	257.00	58	282.00	58	306.00	56
1917	160.00	69	180.00	70	190.00	70	238.00	71	368.00	73	500.00	75	509.00	74	532.00	73	778.00	73
1918	120.00	65	124.00	65	129.00	64	138.00	62	159.00	60	176.00	56	208.00	55	250.00	52	273.00	53
1919	30.00	33	30.00	33	33.00	32	42.00	35	48.00	35	172.00	55	199.00	53	210.00	51	250.00	51
1920	80.00	58	80.00	58	86.00	57	99.00	55	119.00	56	149.00	53	200.00	54	255.00	54	302.00	55
1921	230.00	74	238.00	73	241.00	73	260.00	73	270.00	71	303.00	65	317.00	64	378.00	63	435.00	64
1922	225.00	73	248.00	74	254.00	74	278.00	74	404.00	74	456.00	73	466.00	71	470.00	70	479.00	66
1923	75.00	55	75.00	55	75.00	54	77.00	51	82.00	51	88.00	41	91.00	40	117.00	41	207.00	42
1924	91.00	60	96.00	60	99.00	58	109.00	59	216.00	64	447.00	71	541.00	75	592.00	75	791.00	74
1925	46.00	49	47.00	48	49.00	47	50.00	42	57.00	40	71.00	38	80.00	38	105.00	37	175.00	36
1926	76.00	56	80.00	56	85.00	56	89.00	53	115.00	55	178.00	57	239.00	57	272.00	56	362.00	59
1927	30.00	34	33.00	35	37.00	35	44.00	40	54.00	38	59.00	34	67.00	31	87.00	33	182.00	38
1928	136.00	66	147.00	67	169.00	68	207.00	69	224.00	66	326.00	66	412.00	70	461.00	69	667.00	71
1929	22.00	29	23.00	29	24.00	26	25.00	25	34.00	25	46.00	24	53.00	24	59.00	23	137.00	28
1930	44.00	47	46.00	46	60.00	52	83.00	52	150.00	58	328.00	67	408.00	69	445.00	68	578.00	68
1931	41.00	45	50.00	49	55.00	49	59.00	48	72.00	47	117.00	48	146.00	44	173.00	46	212.00	43
1932	13.00	20	14.00	21	14.00	19	16.00	18	19.00	17	26.00	17	29.00	15	38.00	14	60.00	13
1933	93.00	61	96.00	61	104.00	61	108.00	57	114.00	54	148.00	52	162.00	47	206.00	50	245.00	49
1934	22.00	30	25.00	31	25.00	30	28.00	29	37.00	28	54.00	31	71.00	35	89.00	34	157.00	33
1935	6.00	13	6.30	12	6.90	10	8.10	11	9.40	7	10.00	5	15.00	7	21.00	10	35.00	7
1936	17.00	25	18.00	24	19.00	22	21.00	23	32.00	24	145.00	51	163.00	48	188.00	47	223.00	47
1937	8.00	14	8.30	15	11.00	14	13.00	14	17.00	16	42.00	22	84.00	39	102.00	35	181.00	37
1938	22.00	31	23.00	30	24.00	27	27.00	27	31.00	23	42.00	23	49.00	23	60.00	24	113.00	24
1939	51.00	51	53.00	51	56.00	50	64.00	50	76.00	50	99.00	44	159.00	46	274.00	57	372.00	60
1940	8.00	15	8.30	16	8.50	12	9.70	12	12.00	13	15.00	10	22.00	14	28.00	13	48.00	12
1941	5.00	10	5.30	8	6.10	8	7.40	7	8.90	6	11.00	6	14.00	5	21.00	11	47.00	11
1942	93.00	62	94.00	59	101.00	60	112.00	60	127.00	57	166.00	54	381.00	67	478.00	71	672.00	72
1943	54.00	52	55.00	52	58.00	51	59.00	49	65.00	44	72.00	39	74.00	37	83.00	31	151.00	31
1944	36.00	41	38.00	41	42.00	42	43.00	36	51.00	37	66.00	35	68.00	32	76.00	29	119.00	25
1945	33.00	38	34.00	39	38.00	38	41.00	34	43.00	33	51.00	27	68.00	33	105.00	36	183.00	39
1946	33.00	39	34.00	40	37.00	36	40.00	33	47.00	34	58.00	32	65.00	29	82.00	30	148.00	30
1947	11.00	17	15.00	22	19.00	23	20.00	21	24.00	19	31.00	20	37.00	18	43.00	18	62.00	14
1948	31.00	36	33.00	36	38.00	37	43.00	37	75.00	49	120.00	49	146.00	45	162.00	43	212.00	44
1949	33.00	40	33.00	37	33.00	33	35.00	32	38.00	29	47.00	25	56.00	25	70.00	26	139.00	29
1950	0.80	4	0.80	4	39.00	39	90.00	54	93.00	52	100.00	46	120.00	43	162.00	44	214.00	45
1951	0.00	1	0.00	1	0.00	1	0.00	1	7.10	3	23.00	15	33.00	16	39.00	15	71.00	17
1952	0.00	2	0.00	2	0.00	2	0.00	2	0.23	1	2.70	2	11.00	2	15.00	4	27.00	5
1953	78.00	57	80.00	57	100.00	59	109.00	58	114.00	53	131.00	50	164.00	49	199.00	48	245.00	48
1954	4.40	9	6.40	13	12.00	15	19.00	19	30.00	22	30.00	18	37.00	19	43.00	16	85.00	18
1955	3.00	7	3.30	5	5.00	5	6.80	5	11.00	9	13.00	8	14.00	6	20.00	9	30.00	6
1956	2.50	6	5.50	9	5.40	6	7.80	9	11.00	10	16.00	11	16.00	8	19.00	7	36.00	8
1957	0.00	3	0.00	3	0.26	3	0.91	3	1.90	2	2.40	1	3.60	1	6.70	1	24.00	2
1958	32.00	37	34.00	38	40.00	40	51.00	43	65.00	45	239.00	60	316.00	63	339.00	62	335.00	58
1959	15.00	24	16.00	23	17.00	21	21.00	22	28.00	21	30.00	19	35.00	17	44.00	19	85.00	19
1960	6.00	11	6.20	11	7.40	11	7.90	10	11.00	11	17.00	12	16.00	9	20.00	8	38.00	9

08251500 RIO GRANDE NEAR LOBATOS, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE NEAR LOBATOS, CO.

YEAR	1		3		7		14		30		60		90		120		183	
1961	13.00	21	13.00	19	14.00	20	15.00	16	20.00	18	26.00	16	38.00	20	55.00	21	96.00	23
1962	30.00	35	32.00	34	35.00	34	43.00	38	50.00	36	53.00	30	64.00	28	68.00	25	157.00	34
1963	39.00	44	42.00	44	46.00	45	55.00	46	61.00	41	66.00	36	72.00	36	109.00	38	154.00	32
1964	1.60	5	3.40	6	4.90	4	7.60	8	10.00	8	12.00	7	17.00	11	17.00	5	24.00	3
1965	4.00	8	4.50	7	5.50	7	6.70	4	7.30	4	10.00	3	12.00	3	13.00	2	27.00	4
1966	90.00	59	109.00	62	130.00	65	148.00	63	159.00	59	351.00	68	376.00	66	438.00	66	429.00	63
1967	25.00	32	26.00	32	28.00	31	32.00	31	41.00	31	51.00	28	63.00	27	74.00	27	188.00	40
1968	37.00	42	39.00	42	42.00	41	44.00	39	56.00	39	93.00	42	165.00	50	170.00	45	195.00	41
1969	48.00	50	50.00	50	52.00	48	58.00	47	72.00	46	100.00	47	190.00	51	203.00	49	247.00	50
1970	139.00	67	145.00	66	156.00	67	166.00	65	202.00	63	270.00	63	303.00	62	408.00	65	512.00	67
1971	44.00	46	47.00	47	48.00	46	52.00	44	62.00	43	99.00	45	191.00	52	301.00	60	392.00	61
1972	38.00	43	41.00	43	45.00	43	54.00	45	74.00	48	93.00	43	110.00	42	115.00	40	134.00	27
1973	21.00	28	22.00	26	24.00	28	28.00	28	38.00	30	59.00	33	70.00	34	76.00	28	94.00	21
1974	216.00	72	221.00	72	231.00	72	232.00	70	265.00	69	269.00	62	281.00	60	296.00	59	317.00	57
1975	12.00	18	12.00	17	13.00	16	15.00	17	16.00	14	18.00	13	20.00	13	24.00	12	46.00	10

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
328	358	314	281	328	438	584	1553	1823	566	248	250
250400	66930	19030	9239	12850	44720	296000	1956000	3788000	802200	114000	167800
500	259	138	96.1	113	211	544	1399	1946	896	338	410
3.21	1.22	0.62	0.22	0.24	0.75	2.01	0.96	1.24	3.08	2.30	3.24
1.52	0.72	0.44	0.34	0.35	0.48	0.93	0.90	1.07	1.58	1.36	1.64
4.64	5.06	4.44	3.98	4.64	6.20	8.26	22.0	25.8	8.00	3.50	3.54

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.19	2.43	2.44	2.42	2.48	2.58	2.59	2.91	2.87	2.22	2.02	2.03
0.26	0.13	0.06	0.04	0.04	0.07	0.17	0.36	0.52	0.63	0.37	0.33
0.51	0.36	0.24	0.19	0.20	0.26	0.41	0.60	0.72	0.79	0.61	0.58
0.46	-0.69	-1.57	-2.30	-2.47	-1.38	-0.35	-0.79	-0.67	-0.30	-0.03	0.04
0.23	0.15	0.10	0.08	0.08	0.10	0.16	0.21	0.25	0.36	0.30	0.28
7.51	8.32	8.37	8.28	8.50	8.83	8.89	9.98	9.84	7.60	6.92	6.94

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
589	166600	408	1.04	0.69	0.295

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.65	0.12	0.35	-0.47	0.13	0.280

08252000 RIO GRANDE AT COLORADO-NEW MEXICO STATE LINE

LOCATION.--Lat 37°00'03", long 105°43'19", Costilla County, in Sangre de Cristo Grant, on left bank 0.6 mi (1.0 km) upstream from Colorado-New Mexico State line, 1.7 mi (2.7 km) upstream from Costilla Creek, and 5.5 mi (8.8 km) west of Jarosa.

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs, ground-water withdrawals and diversions for irrigation, and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE AT COLORADO-NEW MEXICO STATE LINE

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1954								1		3	7	13	12	11	9	20	16	25	18	61	17	18	42	40	38	14									
1955									1	1	3	1	11	19	17	26	23	15	40	43	32	26	23	71	11	2									
1956	27	3	1	3		7	4	4	8	6	8	3	6	10	5	1	8	24	22	35	23	32	24	56	31	6	3	6							
1957									1	1	4	4	2	2	10	4	5	4	16	86	49	32	9	4	2	11	10	13	21	13	20	19	20	3	
1958																5	18	19	18	13	17	26	10	2	31	69	59	11	13	10	10	4	19	10	1
1959												14	10	17	19	8	27	36	25	25	25	18	33	46	54	8									
1960														2	11	9	16	14	6	8	31	30	17	46	80	26	14	24	13	14	5				

08252000 RIO GRANDE AT COLORADO-NEW MEXICO STATE LINE--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE AT COLORADO-NEW MEXICO STATE LINE

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1961																	7	27	24	33	36	27	57	47	55	8	14	14	10	6					
1962																			4	44	28	21	7	5	61	39	81	20	13	15	13	10	4		
1963											1	8	13	23	17	26	31	22	12	21	19	6	43	21	36	56	2	8							
1964							1	2	3	3	8	8	27	31	11	12	15	51	40	26	14	37	43	32		2									
1965													1	5	1	2	3	19	9	10	33	3	13	55	57	15	26	18	26	18	20	17	7	7	
1966																	1	11	26	17	13	9	11	17	5	53	96	62	36	8					
1967																	3	13	12	48	22	36	18	41	72	53	20	10	17						
1968																			4	23	11	15	26	21	95	45	38	27	20	16	10	13	2		
1969																				7	12	9	17	21	59	93	72	19	24	24	4	2	2		
1970																			7	21	11	9	6	2	26	52	105	49	38	33	3	3			
1971																			8	8	29	63	32	21	31	41	68	44	10	6	4				
1972																	11	5	22	27	17	50	46	10	75	37	42	18	6						
1973																				1	9	5	2	12	103	51	53	42	14	18	6	24	22	3	
1974														6	16	35	35	8	3	8	4	11	17	14	101	51	27	24	5						
1975															5	1	1	2	5	19	10	14	32	36	30	31	87	16	8	18	28	16	6		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	27	8035	100.0	12	7.1	82	7873	98.0	24	220	1053	3868	48.1
1	0.30	3	8008	99.7	13	9.5	126	7791	97.0	25	300	763	2815	35.0
2	0.40	1	8005	99.6	14	13.0	121	7665	95.4	26	400	817	2052	25.5
3	0.50	3	8004	99.6	15	17.0	149	7544	93.9	27	530	425	1235	15.3
4	0.70	0	8001	99.6	16	22.0	220	7395	92.0	28	710	274	810	10.0
5	0.90	7	8001	99.6	17	30.0	295	7175	89.3	29	940	199	536	6.6
6	1.30	5	7994	99.5	18	40.0	321	6880	85.6	30	1300	123	337	4.1
7	1.70	7	7989	99.4	19	53.0	584	6559	81.6	31	1700	108	214	2.6
8	2.20	13	7982	99.3	20	71.0	462	5975	74.4	32	2200	82	106	1.3
9	3.00	14	7969	99.2	21	94.0	497	5513	68.6	33	3000	23	24	.2
10	4.00	31	7955	99.0	22	130.0	528	5016	62.4	34	4000	1	1	
11	5.30	51	7924	98.6	23	170.0	620	4488	55.9					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE AT COLORADO-NEW MEXICO STATE LINE

YEAR	1		3		7		15		30		60		90		120		183	
1954	380.0	20	373.0	19	356.0	19	325.0	19	280.0	19	234.0	19	236.0	18	212.0	19	172.0	20
1955	306.0	22	298.0	22	278.0	21	252.0	21	229.0	21	207.0	21	191.0	21	168.0	21	138.0	21
1956	644.0	17	618.0	18	566.0	18	446.0	17	327.0	18	210.0	20	193.0	20	176.0	20	179.0	19
1957	3630.0	2	3500.0	2	2910.0	4	2320.0	4	2220.0	4	2100.0	2	1720.0	2	1440.0	1	997.0	2
1958	4030.0	1	3950.0	1	3650.0	1	3080.0	1	2840.0	1	2080.0	3	1500.0	4	1230.0	4	915.0	4
1959	320.0	21	313.0	20	311.0	20	292.0	20	264.0	20	238.0	18	222.0	19	223.0	18	184.0	18
1960	1590.0	11	1460.0	11	1290.0	10	1090.0	9	797.0	10	641.0	11	612.0	11	558.0	11	445.0	12
1961	1260.0	13	1190.0	12	1010.0	12	766.0	13	622.0	13	542.0	13	427.0	13	376.0	13	307.0	15
1962	2300.0	7	2240.0	7	2060.0	6	1760.0	7	1730.0	6	1260.0	6	1030.0	6	867.0	6	707.0	6
1963	644.0	18	641.0	17	621.0	17	444.0	18	338.0	17	326.0	17	279.0	17	254.0	17	248.0	17
1964	391.0	19	299.0	21	215.0	22	215.0	22	215.0	22	180.0	22	159.0	22	142.0	22	113.0	22
1965	3540.0	3	3480.0	3	3350.0	2	2840.0	2	2270.0	3	1830.0	4	1510.0	3	1290.0	3	947.0	3
1966	1270.0	12	1150.0	13	990.0	13	807.0	12	769.0	11	708.0	10	666.0	10	605.0	10	547.0	10
1967	905.0	14	848.0	14	804.0	14	737.0	14	559.0	16	423.0	16	360.0	16	349.0	16	283.0	16
1968	2270.0	8	2200.0	8	2040.0	7	1870.0	6	1470.0	7	1140.0	7	956.0	7	814.0	7	676.0	7
1969	2400.0	6	2280.0	6	1920.0	8	1470.0	8	1260.0	8	1030.0	8	859.0	8	748.0	8	624.0	8
1970	2080.0	9	1890.0	9	1430.0	9	1050.0	10	996.0	9	831.0	9	706.0	9	618.0	9	580.0	9
1971	1650.0	10	1540.0	10	1270.0	11	939.0	11	733.0	12	597.0	12	524.0	12	486.0	12	515.0	11
1972	820.0	15	802.0	15	761.0	15	680.0	16	581.0	15	433.0	15	389.0	15	374.0	14	371.0	14
1973	3460.0	4	3270.0	4	2950.0	3	2730.0	3	2590.0	2	2130.0	1	1730.0	1	1430.0	2	1090.0	1
1974	780.0	16	759.0	16	711.0	16	692.0	15	612.0	14	451.0	14	393.0	14	365.0	15	377.0	13
1975	2440.0	5	2410.0	5	2310.0	5	1990.0	5	1760.0	5	1630.0	5	1360.0	5	1140.0	5	896.0	5

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE AT COLORADO-NEW MEXICO STATE LINE

YEAR	1		3		7		14		30		60		90		120		183	
1955	2.10	3	2.90	3	4.50	3	6.50	3	8.80	3	13.00	4	14.00	3	20.00	5	31.00	4
1956	2.40	4	4.50	4	4.80	4	7.30	5	10.00	6	16.00	5	18.00	6	20.00	6	36.00	5
1957	0.00	1	0.00	1	0.00	1	0.00	1	0.76	1	1.20	1	2.50	1	5.80	1	23.00	1
1958	28.00	13	31.00	13	37.00	13	47.00	14	68.00	16	236.00	18	329.00	20	345.00	19	343.00	18
1959	18.00	9	19.00	9	20.00	9	24.00	9	31.00	9	36.00	9	39.00	9	48.00	8	89.00	8
1960	5.50	6	5.50	5	6.10	5	7.00	4	9.80	4	16.00	6	16.00	4	19.00	4	37.00	6
1961	11.00	7	12.00	8	14.00	8	14.00	8	18.00	8	24.00	8	37.00	8	54.00	9	95.00	10
1962	25.00	12	27.00	12	30.00	12	37.00	12	45.00	12	48.00	10	58.00	10	64.00	10	152.00	13
1963	46.00	16	49.00	17	52.00	17	59.00	17	60.00	14	65.00	13	71.00	13	108.00	13	149.00	12
1964	5.00	5	6.00	6	7.80	6	8.10	6	10.00	5	12.00	3	17.00	5	17.00	3	23.00	2
1965	1.60	2	1.90	2	2.60	2	4.40	2	5.20	2	8.20	2	11.00	2	12.00	2	26.00	3

08252000 RIO GRANDE AT COLORADO-NEW MEXICO STATE LINE--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO GRANDE AT COLORADO-NEW MEXICO STATE LINE

YEAR	1		3		7		14		30		60		90		120		183	
1966	103.00	19	116.00	19	145.00	19	165.00	19	178.00	19	369.00	21	399.00	21	454.00	21	441.00	20
1967	24.00	11	26.00	11	28.00	11	31.00	11	42.00	11	51.00	11	65.00	11	74.00	11	184.00	14
1968	33.00	14	34.00	14	38.00	14	40.00	13	50.00	13	87.00	14	165.00	15	163.00	15	189.00	15
1969	54.00	18	55.00	18	55.00	18	62.00	18	76.00	18	107.00	17	195.00	16	207.00	16	250.00	16
1970	143.00	20	150.00	20	162.00	20	170.00	20	209.00	20	275.00	20	313.00	19	400.00	20	497.00	21
1971	46.00	17	48.00	16	49.00	16	53.00	15	61.00	15	96.00	16	195.00	17	313.00	18	399.00	19
1972	42.00	15	43.00	15	45.00	15	53.00	16	73.00	17	92.00	15	110.00	14	117.00	14	140.00	11
1973	22.00	10	23.00	10	24.00	10	27.00	10	36.00	10	56.00	12	69.00	12	74.00	12	92.00	9
1974	210.00	21	215.00	21	226.00	21	230.00	21	262.00	21	266.00	19	281.00	18	296.00	17	315.00	17
1975	12.00	8	12.00	7	13.00	7	14.00	7	15.00	7	18.00	7	20.00	7	24.00	7	47.00	7

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
167	329	250	233	292	370	338	608	712	333	194	141
39110	52850	15760	6626	10870	30930	72610	416000	585800	279200	61620	27730
198	230	126	81.4	104	176	269	645	765	528	248	167
1.67	0.57	0.37	0.11	0.38	0.07	1.03	1.44	0.96	2.06	1.46	1.61
1.19	0.70	0.50	0.35	0.36	0.48	0.80	1.06	1.08	1.59	1.28	1.18
4.20	8.29	6.29	5.87	7.36	9.32	8.52	15.3	17.9	8.40	4.88	3.57

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.97	2.39	2.33	2.34	2.44	2.51	2.37	2.49	2.48	1.96	1.88	1.79
0.23	0.14	0.07	0.03	0.03	0.07	0.16	0.32	0.47	0.60	0.46	0.45
0.48	0.37	0.26	0.17	0.17	0.26	0.40	0.57	0.69	0.78	0.67	0.67
0.35	-0.40	-0.83	-0.84	-0.70	-0.95	-0.23	-0.09	-0.39	0.14	-0.20	-0.79
0.24	0.16	0.11	0.07	0.07	0.10	0.17	0.23	0.28	0.40	0.36	0.38
7.30	8.86	8.66	8.68	9.05	9.31	8.81	9.24	9.19	7.28	6.97	6.66

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
330	36300	191	0.16	0.58	-0.037

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.43	0.10	0.31	-0.52	0.13	0.121

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