

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STREAMFLOW STATISTICAL SUMMARIES FOR COLORADO STREAMS

THROUGH SEPTEMBER 30, 1975

VOLUME 3: COLORADO RIVER BASIN FROM GUNNISON RIVER TO SAN JUAN RIVER

By Harold E. Petsch, Jr.

Open-File Report 83-693

Prepared in cooperation with the
COLORADO WATER CONSERVATION BOARD

Lakewood, Colorado
1983

UNITED STATES DEPARTMENT OF THE INTERIOR

JAMES G. WATT, Secretary

GEOLOGICAL SURVEY

Dallas L. Peck, Director

For additional information
write to:

District Chief
U.S. Geological Survey MS 415
Box 25046, Denver Federal Center
Lakewood, CO 80225

For sale by:

Open-File Services Section
Branch of Distribution
U.S. Geological Survey, MS 306
Box 25425, Federal Center
Denver, CO 80225
Telephone: (303) 234-5888

CONTENTS

	Page
Abstract	1
Introduction	1
Streamflow records	2
Selection criteria.	2
Periods of record	3
Limitations of data	3
Presentation and application of data	4
Gaging-station descriptions	4
Statistical summaries	4
Flow-duration data	5
High-flow frequency data	5
Low-flow frequency data.	7
Monthly and annual statistics.	12
References	14
Bar chart of gaging-station records.	16
Gaging-station descriptions and statistical summaries.	31
Colorado River basin from Gunnison River to San Juan River.	31

ILLUSTRATIONS

Frontispiece. Map showing areas included in volumes 1, 2, and 3.

	Page
Figure 1. Duration curve of daily mean flow, station 09340000 East Fork San Juan River near Pagosa Springs, Colo., 1936-75.	6
2. High-flow frequency curves for station 09340000 East Fork San Juan River near Pagosa Springs, Colo., 1936-75.	9
3. Low-flow frequency curves for station 09340000 East Fork San Juan River near Pagosa Springs, Colo., 1937-75.	11

TABLES

	Page
Table 1. Tabulation procedure for deriving high-flow frequency curves for station 09340000 East Fork San Juan River near Pagosa Springs, Colo., 1936-75	8
2. Tabulation procedure for deriving low-flow frequency curves for station 09340000 East Fork San Juan River near Pagosa Springs, Colo., 1937-75	10

METRIC CONVERSION TABLE

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

<i>Inch-pound unit</i>	<i>Multiply by</i>	<i>Metric unit</i>
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

THROUGH SEPTEMBER 30, 1975

VOLUME 3: COLORADO RIVER BASIN FROM GUNNISON RIVER TO SAN JUAN RIVER

By Harold E. Petsch, Jr.

ABSTRACT

This report contains statistical summaries of daily streamflow data as of September 30, 1975, for 234 stations west 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 Colorado 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, and
- (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 stream-flow 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 09340000 East Fork San Juan River near Pagosa Springs, Colo., for 1936-75, is shown in figure 1 to illustrate the use of the data contained in the flow-duration summaries. The daily mean discharge for the East Fork San Juan River at this station equaled or exceeded 11 ft³/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.

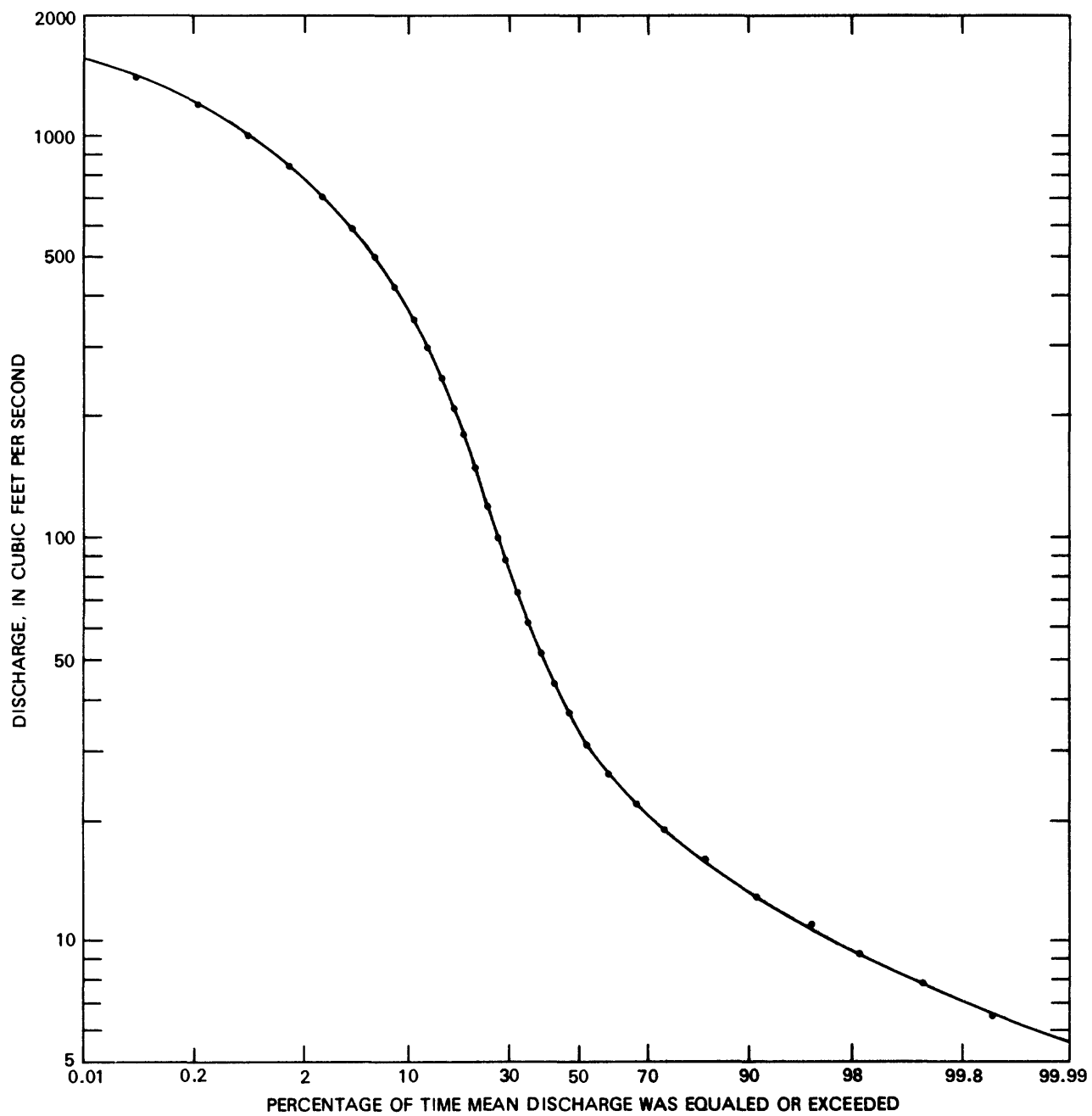


Figure 1.-- Duration curve of daily mean flow, station 09340000 East Fork San Juan River near Pagosa Springs, Colo., 1936-75.

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 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 09340000 East Fork San Juan River near Pagosa Springs, Colo., is listed in table 1 for periods of 1 day and 30 consecutive days. The 30-day highest mean discharge of 1,130 ft³/s has a rank of 1 and a recurrence interval of 41 years, as there are 40 years of record. The data from table 1 are plotted on 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 900 ft³/s on the average of once every 10 years; 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 09340000 East Fork San Juan River near Pagosa Springs, Colo., 1937-75, is listed in table 2 for time periods of 7 and 60 consecutive days. From table 2, the 7-day lowest mean discharge of 6.4 ft³/s has a rank of 1 and a recurrence interval of 40 years. The low-flow frequency curves shown on 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 7.2 ft³/s.

Table 1.--*Tabulation procedure for deriving high-flow frequency curves for station 09340000 East Fork San Juan River near Pagosa Springs, Colo., 1936-75*

Rank	Recurrence interval (years)	Mean discharge, in cubic feet per second	
		1-day	30-day
1	41	1,710	1,130
2	20	1,500	1,090
3	14	1,490	900
4	9.8	1,220	894
5	8.2	1,200	838
6	6.8	1,200	825
7	5.9	1,180	820
8	5.1	1,180	807
9	4.6	1,130	799
10	4.1	1,080	770
11	3.73	1,060	751
12	3.42	1,050	715
13	3.15	904	640
14	2.93	900	617
15	2.73	894	589
16	2.56	850	550
17	2.41	842	548
18	2.28	826	533
19	2.16	802	531
20	2.08	790	530
21	1.95	766	529
22	1.86	744	520
23	1.78	742	431
24	1.71	656	399
25	1.64	615	398
26	1.58	552	389
27	1.52	538	377
28	1.46	508	375
29	1.41	490	374
30	1.37	475	347
31	1.32	469	334
32	1.28	462	330
33	1.24	456	330
34	1.21	440	313
35	1.17	431	313
36	1.14	423	309
37	1.11	414	394
38	1.08	382	270
39	1.05	372	238
40	1.02	329	238

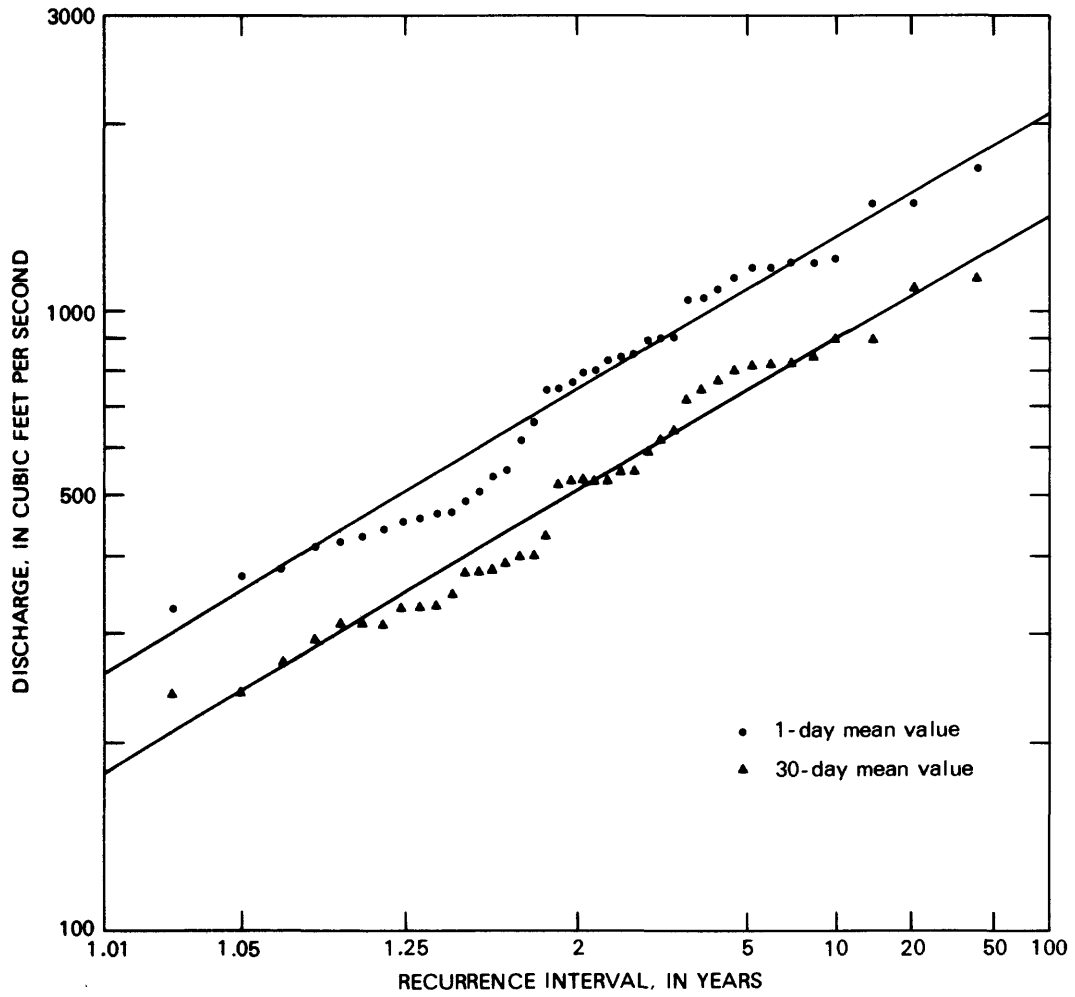


Figure 2.-- High-flow frequency curves for station 09340000 East Fork San Juan River near Pagosa Springs, Colo., 1936-75.

Table 2.--*Tabulation procedure for deriving low-flow frequency curves for station 09340000 East Fork San Juan River near Pagosa Springs, Colo., 1937-75*

Rank	Recurrence interval (years)	Mean discharge, in cubic feet per second	
		7-day	60-day
1	40	6.4	7.6
2	20	6.8	7.8
3	13	8.2	9.0
4	10	8.7	9.6
5	8.0	8.9	9.8
6	6.7	9.0	9.9
7	5.7	9.0	11
8	5.0	9.6	11
9	4.4	10	11
10	4.0	10	11
11	3.64	10	12
12	3.33	11	12
13	3.08	11	12
14	2.86	11	12
15	2.67	11	12
16	2.50	12	13
17	2.35	12	14
18	2.22	12	14
19	2.11	12	14
20	2.00	12	15
21	1.90	13	15
22	1.82	14	15
23	1.74	14	16
24	1.67	15	16
25	1.60	15	17
26	1.54	15	17
27	1.48	15	17
28	1.43	15	18
29	1.38	16	19
30	1.33	16	20
31	1.29	16	21
32	1.25	17	21
33	1.21	17	21
34	1.18	17	21
35	1.14	18	22
36	1.11	19	22
37	1.08	20	23
38	1.05	20	25
39	1.03	21	27

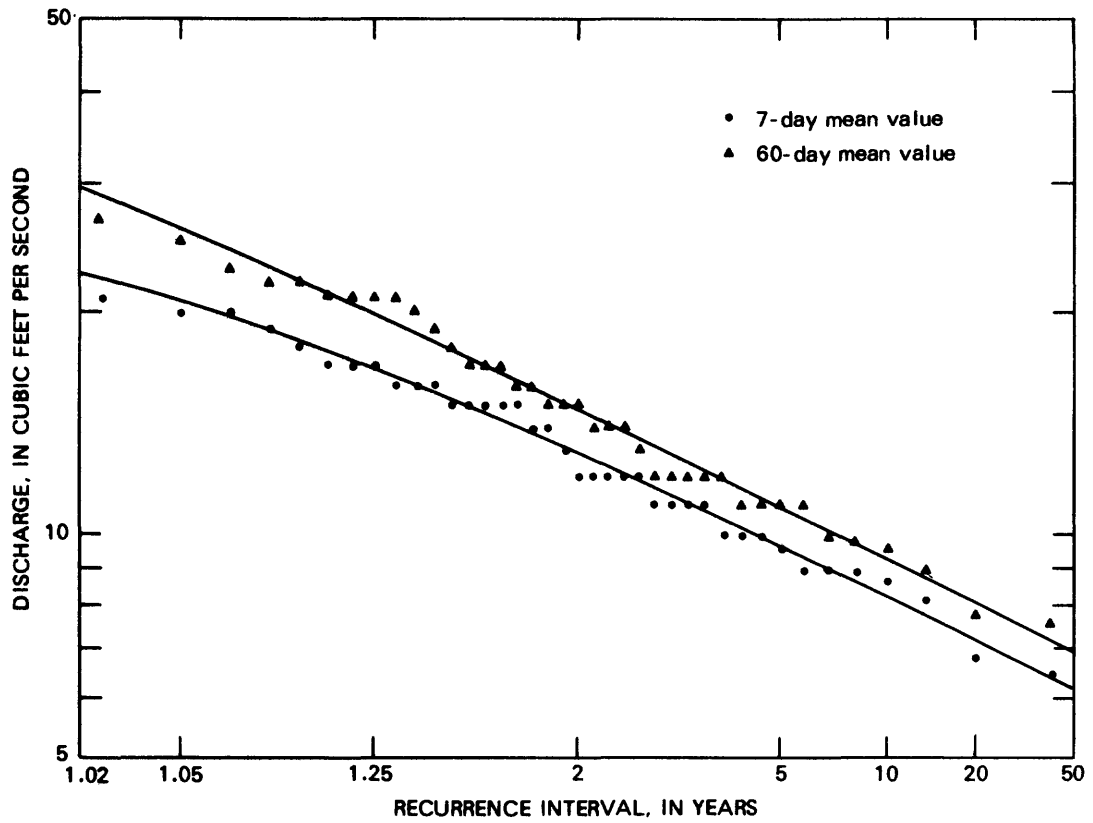


Figure 3.-- Low-flow frequency curves for station 09340000 East Fork San Juan River near Pagosa Springs, Colo., 1937-75.

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 09340000 East Fork San Juan River near Pagosa Springs, Colo., for 1936-75, which can be found on page 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 = 166, and
Log value shown = 2.16.

From the first column of annual tables (mean values):
Normal value shown = 119, and
Log value shown = 2.04.

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 = 7,275, and
Log value shown = 0.05.

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

Normal value shown = 2,215, and
Log value shown = 0.03.

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 = 85.3, and
Log value shown = 0.23.

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

Normal value shown = 47.1, and
Log value shown = 0.17.

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 = 0.70, and
Log value shown = -0.05.

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

Normal value shown = 0.59, and
Log value shown = 0.04.

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 = 0.51, and
Log value shown = 0.11.

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

Normal value shown = 0.40, and
Log value shown = 0.08.

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 = 11.7.

The above value indicates that about 12 percent of the total flow of the East Fork San Juan River near Pagosa Springs, 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 -0.114.

REFERENCES

- Beard, L. R., 1962, Statistical methods in hydrology: Sacramento, Calif., U.S. Army Corps of Engineers, 62 p.
- Chow, V. T., 1964, Frequency analysis, *in* Chow, V. T., Handbook of applied hydrology: New York, McGraw-Hill, p. 8-1 to 8-42.
- Iorns, W. V., Hembree, C.H., and Oakland, G. L., 1965, Water resources of the Upper Colorado River Basin--Technical report: U.S. Geological Survey Professional Paper 441, 370 p.
- Iorns, W. V., Hembree, C. H., Phoenix, D. A., and Oakland, G. L., 1964, Water resources of the Upper Colorado River Basin--Basic data: U.S. Geological Survey Professional Paper 442, 1036 p.
- Livingston, R. K., 1970, Evaluation of the streamflow data program in Colorado: U.S. Geological Survey open-file report, 72 p.
- Matalas, N.C., 1967, Time series analysis, *in* Symposium on analytical methods in hydrology: Water Resources Research, v. 3, no. 3, p. 817-829.
- McCain, J. F., and Jarrett, R. D., 1976, Manual for estimating flood characteristics of natural-flow streams in Colorado: Colorado Water Conservation Board Technical Manual 1, 47 p.
- Riggs, H. C., 1972, Low-flow investigations: U.S. Geological Survey Techniques of Water-Resources Investigations, Book 4, Chapter B1, 18 p.
- Searcy, J. K., 1959, Flow-duration curves: U.S. Geological Survey Water-Supply Paper 1542-A, 33 p.

- U.S. Geological Survey, 1954, Compilation of records of surface waters of the United States through September 1950--Part 9, Colorado River basin: U.S. Geological Survey Water-Supply Paper 1313, 755 p.
- ____ 1964, Compilation of records of surface waters of the United States, October 1950 to September 1960--Part 9, Colorado River basin: U.S. Geological Survey Water-Supply Paper 1733, 602 p.
- ____ 1970, Surface water supply of the United States, 1961-65--Part 9, Colorado River basin--Volume 1, Colorado River basin above Green River: U.S. Geological Survey Water-Supply Paper 1924, 496 p.
- ____ 1970, Surface water supply of the United States, 1961-65--Part 9, Colorado River basin--Volume 2, Colorado River basin from Green River to Compact Point: U.S. Geological Survey Water-Supply Paper 1925, 626 p.
- ____ 1973, Surface water supply of the United States, 1966-70--Part 9, Colorado River basin--Volume 1, Colorado River basin above Green River: U.S. Geological Survey Water-Supply Paper 2124, 551 p.
- ____ 1973, Surface water supply of the United States, 1966-70--Part 9, Colorado River basin--Volume 2, Colorado River basin from Green River to Compact Point: U.S. Geological Survey Water-Supply Paper 2125, 642 p.
- ____ Issued annually, Water resources data for Colorado, Part 1. Surface water records: Lakewood, Colo., U.S. Geological Survey, reports for 1971 to 1974.
- ____ 1977, Water resources data for Colorado, water year 1975, Volume 2. Colorado River basin: U.S. Geological Survey Water-Data Report C0-75-2, 554 p.

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															
			1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	1965	1970	1975
	<u>COLORADO RIVER BASIN</u>																	
09	GUNNISON RIVER BASIN																	
107000	Taylor River (head of Gunnison River) at Taylor Park	32																
107500	Texas Creek at Taylor Park	33																
108000	Willow Creek at Taylor Park	34																
109000	Taylor River below Taylor Park Reservoir	35																
110000	Taylor River at Almont	38																
110500	East River near Crested Butte	43																
	Slate River:																	
111000	Coal Creek near Crested Butte	44																
111500	Slate River near Crested Butte	45																
112000	Cement Creek near Crested Butte	47																
112200	East River below Cement Creek, near Crested Butte																	
112500	East River at Almont	49																
	Ohio Creek:																	
113000	Castle Creek near Baldwin	53																
113300	Ohio Creek at Baldwin	54																
113500	Ohio Creek near Baldwin	55																
114000	Ohio Creek near Gunnison	57																

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

STATION NO.	STATION NAME	PAGE NO.	PERIOD OF RECORD ANALYZED															
			1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	1965	1970	1975
127998	Gunnison River above Gunnison Tunnel	95	A															
128000	Gunnison River below Gunnison Tunnel	99																
128500	Smith Fork near Crawford	104																
129000	Smith Fork at Crawford	106																
129500	Iron Creek near Crawford	107																
129800	Clear Fork (head of North Fork Gunnison River) near Ragged Mountain	108																
130500	East Muddy Creek (continuation of Clear Fork) near Bardine	110																
130600	West Muddy Creek near Ragged Mountain	111																
130800	West Muddy Creek near Bowie	113																
131100	Cow Creek near Paonia	114																
131200	West Muddy Creek near Somerset	115																
131500	Muddy Creek (continuation of East Muddy Creek) at Bardine	117																
132000	Ruby Anthracite Creek near Floresta	118																
132500	North Fork Gunnison River near Somerset	119																
132700	Main Hubbard Creek (head of Hubbard Creek) near Paonia	122																
132800	Middle Hubbard Creek near Paonia Hubbard Creek:	124																

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

STATION NO.	STATION NAME	PAGE NO.	PERIOD OF RECORD ANALYZED															
			1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	1965	1970	1975
132900	West Hubbard Creek near Paonia	125															A	
132920	Hubbard Creek near Bowie	126															B	
133000	North Fork Gunnison River near Paonia	128																
134000	Minnesota Creek near Paonia	129								A								
134500	Leroux Creek near Cedaredge	130															A	
134700	Cow Creek near Cedaredge	132															B	
135000	Leroux Creek near Lazear	134															B	
136200	Gunnison River near Lazear	135																B
136500	Current Creek near Cedaredge	136															B	
137800	Dirty George Creek (head of Tongue Creek) near Grand Mesa																	
139200	Ward Creek near Grand Mesa	138																B
139500	Ward Creek near Cedaredge	139																B
140200	Kiser Creek near Grand Mesa	140															B	
140500	Kiser Creek near Cedaredge	141																B
140700	Cottonwood Creek near Grand Mesa	143																B
141000	Cottonwood Creek near Cedaredge	143																B
141200	Youngs Creek near Grand Mesa	145																B
141500	Youngs Creek near Cedaredge	146																B
142000	Ward Creek below Kiser Creek, near Cedaredge	147																B
	Tongue Creek:	148																B

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

STATION NO.	STATION NAME	PAGE NO.	PERIOD OF RECORD ANALYZED															
			1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	1965	1970	1975
152500	Gunnison River near Grand Junction	184		C			C					C						B
153000	Colorado River near Fruita	188					C											
163500	Colorado River near Colorado-Utah State line	189																C
	DOLORS RIVER BASIN																	
165000	Dolores River below Rico	191																A
166000	West Dolores River near Stoner	193												B				
166500	Dolores River at Dolores	193	B					B										
167000	Lost Canyon Creek at Dolores	197																B
167500	Dolores River near McPhee	198																B
168100	Disappointment Creek near Dove Creek	199																A
168500	Disappointment Creek near Cedar	201																A
	La Sal Creek:																	
169000	Twomile Creek near La Sal, Utah	202																B
169500	Dolores River at Bedrock	203																B
170500	West Paradox Creek near Paradox	204																B
171000	West Paradox Creek near Bedrock	206																B
171100	Dolores River near Bedrock	207																B
171200	San Miguel River near Telluride	208																A
171500	San Miguel River at Fall Creek	209	A															
172000	Fall Creek near Fall Creek	210																B
172100	Leopard Creek at Noel	211																B

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

STATION NO.	STATION NAME	PAGE NO.	PERIOD OF RECORD ANALYZED															
			1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	1965	1970	1975
172500	San Miguel River near Placerville	213			B													
173000	Beaver Creek near Norwood	215																
173500	Horsefly Creek near Sams	217																
174000	San Miguel River near Nucla	218																
174500	Cottonwood Creek near Nucla	220																
175000	West Naturita Creek (head of Naturita Creek)																	
	near Norwood	221																
175500	San Miguel River at Naturita	223																
175900	Dry Creek near Naturita	225																
176500	Tabeguache Creek near Nucla	227																
177000	San Miguel River at Uravan	228																
177500	Taylor Creek (head of Roc Creek) near Gateway	229																
178000	Deep Creek near Paradox	232																
178500	Geyser Creek near Paradox	233																
179000	Roc Creek near Uranium	234																
179500	Dolores River at Gateway	236																
	GREEN RIVER BASIN																	
235800	Pot Creek near Vernal, Utah	238																
236000	Bear River (head of Yampa River) near Toponas	240																
236500	Bear River near Yampa	241																
237500	Yampa River near Oak Creek	243																

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

STATION NO.	STATION NAME	PAGE NO.	PERIOD OF RECORD ANALYZED															
			1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	1965	1970	1975
237800	Service Creek near Oak Creek	244																
238000	Oak Creek near Oak Creek	246													A			A
238500	Walton Creek near Steamboat Springs	247																A
238900	Fish Creek at upper station, near Steamboat Springs																	
239400	Spring Creek near Steamboat Springs	250																B
239500	Yampa River at Steamboat Springs	251																B
240500	Elk River at Hinman Park	255																
240800	South Fork Elk River near Clark	255																
241000	Elk River at Clark	257																
242500	Elk River near Trull	259																
	Trout Creek:																	
244100	Fish Creek near Milner	261																
244300	Grassy Creek near Mount Harris	263																
244410	Yampa River below diversion, near Hayden	264																
244500	Elkhead Creek near Clark	265																
245000	Elkhead Creek near Elkhead	267																
245500	North Fork Elkhead Creek near Elkhead	269																
246500	Elkhead Creek near Craig	270																
246900	Fortification Creek near Craig	271																
247000	Fortification Creek at Craig	273																

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

STATION NO.	STATION NAME	PAGE NO.	PERIOD OF RECORD ANALYZED															
			1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	1965	1970	1975
247500	Yampa River at Craig	274	A		A													
248500	East Fork of Williams Fork near Willow Creek	275												A				
248600	East Fork of Williams Fork above Willow Creek	276															A	
249000	East Fork of Williams Fork near Pagoda	277															A	
249200	South Fork of Williams Fork near Pagoda	279																A
249500	Williams Fork at Hamilton	281	A						A									
250000	Milk Creek near Thornburgh	282																A
251000	Yampa River near Maybell	284																A
251500	Middle Fork Little Snake River near Battle Creek	287																A
251900	North Fork Little Snake River near Slater	289																A
252500	South Fork Little Snake River near Battle Creek	290																A
253000	Little Snake River near Slater	291																A
253500	Battle Creek near Slater	294																A
254500	Slater Fork at Baxter Ranch, near Slater	295																A
255000	Slater Fork near Slater	296																A
258000	Willow Creek near Dixon, Wyo	299																A
259700	Little Snake River near Baggs, Wyo	301																A
260000	Little Snake River near Lily	302																A

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

STATION NO.	STATION NAME	PAGE NO.	PERIOD OF RECORD ANALYZED															
			1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	1965	1970	1975
302400	North Fork White River below Trapper's Lake	305																
302420	North Fork White River above Ripple Creek, near Trapper's Lake																	
302450	Lost Creek near Buford	308																
302800	North Fork White River near Buford	309																
303000	North Fork White River at Buford	311																
303500	South Fork White River near Buford	313																
304000	South Fork White River at Buford	315																
304100	Big Beaver Creek near Buford	316																
304150	Miller Creek near Meeker	318																
304200	White River above Coal Creek, near Meeker																	
304300	Coal Creek near Meeker	319																
304500	White River near Meeker	320																
304800	White River below Meeker	322																
305500	Piceance Creek at Rio Blanco	326																
306200	Piceance Creek below Ryan Gulch, near Rio Blanco	327																
306222	Piceance Creek at White River	328																
306500	White River near Watson, Utah	330																
	SAN JUAN RIVER BASIN	331																

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

STATION NO.	STATION NAME	PAGE NO.	PERIOD OF RECORD ANALYZED															
			1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	1965	1970	1975
349000	Weminuche Creek near Bridge ranger station, near Pagosa Springs	365																
349500	Piedra River near Piedra	367																
349800	Piedra River near Arboles	369																
350500	San Juan River at Rosa, N. Mex	371																
	Los Pinos River:																	
352900	Vallecito Creek near Bayfield	373																
353500	Los Pinos River near Bayfield	374																
354000	Los Pinos River at Ignacio	378																
354500	Los Pinos River at La Boca	381																
355000	Spring Creek at La Boca	383																
357500	Animas River at Howardsville	385																
358900	Mineral Creek above Silverton	388																
359000	Mineral Creek near Silverton	389																
	Cascade Creek:																	
359100	Lime Creek near Silverton	390																
359500	Animas River above Tacoma	392																
361000	Hermosa Creek near Hermosa	393																
361200	Falls Creek near Durango	395																
361400	Junction Creek near Durango	397																
361500	Animas River at Durango	398																

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

STATION NO.	STATION NAME	PAGE NO.	PERIOD OF RECORD ANALYZED															
			1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	1965	1970	1975
362000	Lightner Creek near Durango	401																
362900	Florida River near Hermosa	403																
363000	Florida River near Durango	404																
363050	Florida River below Florida Farmers ditch, near Durango	407																
363100	Salt Creek near Oxford	408																
363200	Florida River at Bondad	410																
363500	Animas River near Cedar Hill, N. Mex	412																
365500	La Plata River at Hesperus	415																
366000	Cherry Creek near Red Mesa	418																
366500	La Plata River at Colorado-New Mexico State line	420																
368500	West Mancos River (head of Mancos River) near Mancos	423																
369000	East Mancos River near Mancos	425																
369500	Middle Mancos River near Mancos	426																
370000	Mancos River near Mancos	428																
371000	Mancos River near Towaoc	429																
371500	McElmo Creek near Cortez	433																
372000	McElmo Creek near Colorado-Utah State line	434																

GAGING-STATION DESCRIPTIONS AND STATISTICAL SUMMARIES

COLORADO RIVER BASIN FROM GUNNISON RIVER TO SAN JUAN RIVER

GUNNISON RIVER BASIN

09107000 TAYLOR RIVER AT TAYLOR PARK, COLO.

LOCATION.--Lat 38°50'59", long 106°34'21", in NE¼NE¼ sec.9, T.14 S., R.82 W., Gunnison County, at bridge 0.5 mi (0.8 km) upstream from Texas Creek and 20 mi (32 km) northeast of Almont.

DRAINAGE AREA.--131 mi² (339 km²).

REMARKS.--Station site flooded by waters of Taylor Park Reservoir since September 1937.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TAYLOR RIVER AT TAYLOR PARK, COLO.

CLASS YEAR	NUMBER OF DAYS IN CLASS																																			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
1930						31			1	63	44	38	8	46	11	13	39	10	6	13	5	3	1	2	5	3	1	6	4	2	9	1				
1931	31	23	14	4	11	34	20	10	37	52	13	38	19	4	4	14	4	3	11	5	7	6	1													
1932						36	72	77	15	7	35	9	6	4	4	12	4	1	9	5	3	4	4	3	10	7	10	9	6	8	4	2				
1933	59				62	20	14	54	40	21	5	5	13	2	7	6	2	3	2	5	3	4	5	2	1	1	4	1	6	4	2	5	4	2	1	
1934					1151	6	11		9	65	22	7	4	9	5	23	6	2	3	14	11	5	7	4												

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1826	100.0	12	74.0	72	606	33.2	24	260	9	121	6.6
1	23.00	90	1826	100.0	13	82.0	82	534	29.2	25	290	14	112	6.1
2	26.00	23	1736	95.1	14	91.0	31	452	24.8	26	320	12	98	5.3
3	28.00	14	1713	93.8	15	100.0	50	421	23.1	27	360	17	86	4.7
4	32.00	67	1699	93.0	16	110.0	73	371	20.3	28	400	19	69	3.7
5	35.00	182	1632	89.4	17	130.0	23	298	16.3	29	450	12	50	2.7
6	39.00	121	1460	79.4	18	140.0	15	275	15.1	30	500	19	38	2.0
7	43.00	157	1329	72.8	19	150.0	52	260	14.2	31	550	10	19	1.0
8	48.00	137	1172	64.2	20	170.0	29	208	11.4	32	610	6	9	.4
9	54.00	201	1035	56.7	21	190.0	22	179	9.8	33	680	2	3	.1
10	60.00	130	834	45.7	22	210.0	23	157	8.6	34	760	1	1	
11	66.00	98	704	38.6	23	240.0	13	134	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
TAYLOR RIVER AT TAYLOR PARK, COLO.

YEAR	1	3	7	15	30	60	90	120	183
1930	555.0 3	547.0 3	526.0 3	464.0 3	418.0 3	293.0 3	237.0 3	204.0 3	159.0 2
1931	243.0 5	227.0 5	218.0 5	201.0 5	182.0 5	152.0 5	129.0 5	115.0 5	90.0 5
1932	655.0 2	620.0 2	567.0 2	544.0 2	475.0 2	409.0 1	332.0 1	274.0 1	203.0 1
1933	788.0 1	743.0 1	672.0 1	589.0 1	496.0 1	342.0 2	255.0 2	204.0 2	151.0 3
1934	258.0 4	255.0 4	239.0 4	223.0 4	198.0 4	165.0 4	139.0 4	122.0 4	100.0 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
TAYLOR RIVER AT TAYLOR PARK, COLO.

YEAR	1	3	7	14	30	60	90	120	183
1931	23.00 1	23.00 1	23.00 1	23.00 1	23.00 1	25.00 2	30.00 2	36.00 2	47.00 4
1932	27.00 3	28.00 3	29.00 3	32.00 3	36.00 4	41.00 4	42.00 4	44.00 4	44.00 3
1933	24.00 2	24.00 2	24.00 2	24.00 2	24.00 2	24.00 1	27.00 1	31.00 1	34.00 1
1934	33.00 4	35.00 4	36.00 4	36.00 4	36.00 3	37.00 3	37.00 3	37.00 3	39.00 2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
63.2	51.0	47.9	33.7	36.5	42.2	81.2	207	302	126	74.5	53.7
725	256	60.5	87.9	147	113	696	2796	27650	4064	705	108
26.9	16.0	7.78	9.37	12.1	10.6	26.4	52.9	166	63.8	26.5	10.4
1.66	0.14	-0.22	-0.30	0.86	1.53	0.37	0.40	-0.46	1.46	0.39	-0.72
0.43	0.31	0.16	0.26	0.33	0.25	0.32	0.26	0.55	0.51	0.36	0.19
5.65	4.55	4.28	3.01	3.26	3.77	7.25	18.5	27.0	11.3	6.66	4.80

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.77	1.69	1.68	1.51	1.54	1.62	1.89	2.30	2.41	2.06	1.85	1.72
0.03	0.02	0.01	0.02	0.02	0.01	0.02	0.01	0.09	0.04	0.02	0.01
0.16	0.14	0.07	0.13	0.14	0.10	0.15	0.11	0.30	0.20	0.16	0.09
1.38	-0.08	-0.37	-0.42	0.34	1.19	-0.53	-0.34	-0.82	0.81	0.10	-1.06
0.09	0.08	0.04	0.08	0.08	0.09	0.06	0.08	0.13	0.10	0.08	0.05
8.05	7.66	7.80	6.87	7.00	7.33	8.57	10.5	10.9	9.35	8.39	7.82

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
93.4	626	25.0	0.18	0.27	-0.593

09107000 TAYLOR RIVER AT TAYLOR PARK, COLO.--Continued

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.96	0.01	0.12	-0.01	0.06	-0.604

09107500 TEXAS CREEK AT TAYLOR PARK, COLO.

LOCATION.--Lat 38°50'41", long 106°34'12", in NE¼SW¼ sec.9, T.14 S., R.82 W., Gunnison County, at bridge 0.2 mi (0.3 km) upstream from mouth and 20 mi (32 km) northeast of Almont.

DRAINAGE AREA.--40.8 mi² (105.7 km²).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TEXAS CREEK AT TAYLOR PARK, COLO.

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	
1930		31		28					31	31		12	15	1	38	27	17	20	17	11	11	13	10	8	6	5	4	2	3	3	5	1	6	7	2	
1931								4	13	6	30	36	40	56	37	10	64	2	10	7	30	6	3	1	7	3										
1932											24	185	16	7	7	1	5	5	23	5	9	3	4	6	3	4	11	8	6	9	12	6	6	7		
1933					56	36	28	49	9	44	6	8	11	8	4	6	7	8	2	5	2	1	2	1	24	17	6	2	4	6	6	6	1			
1934					1	3	95	1	47	32	3	36	36	14	7	24	4	4	4	4	14	9	7	3	2	9	7	3								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1826	100.0	12	17.0	82	988	54.1	24	87	20	217	11.8
1	4.00	31	1826	100.0	13	20.0	111	906	49.6	25	100	38	197	10.7
2	4.60	0	1795	98.3	14	23.0	126	795	43.5	26	110	41	159	8.7
3	5.20	0	1795	98.3	15	26.0	56	669	36.6	27	130	23	118	6.4
4	6.00	28	1795	98.3	16	30.0	99	613	33.6	28	150	14	95	5.2
5	6.80	56	1767	96.8	17	34.0	58	514	28.1	29	170	16	81	4.4
6	7.80	37	1711	93.7	18	39.0	62	456	25.0	30	190	23	65	3.5
7	8.90	35	1674	91.7	19	45.0	29	394	21.6	31	220	13	42	2.3
8	10.00	188	1639	89.8	20	51.0	59	365	20.0	32	250	19	29	1.5
9	12.00	47	1451	79.5	21	58.0	38	306	16.8	33	290	8	10	.5
10	13.00	145	1404	76.9	22	67.0	27	268	14.7	34	330	2	2	.1
11	15.00	271	1259	68.9	23	76.0	24	241	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
TEXAS CREEK AT TAYLOR PARK, COLO.

YEAR	1	3	7	15	30	60	90	120	183
1930	340.0 1	328.0 1	305.0 1	271.0 1	232.0 1	154.0 3	127.0 3	105.0 3	78.0 2
1931	103.0 5	98.0 5	97.0 5	85.0 5	71.0 5	60.0 5	52.0 5	45.0 5	38.0 5
1932	277.0 3	265.0 3	252.0 2	246.0 2	212.0 2	178.0 1	141.0 1	117.0 1	83.0 1
1933	292.0 2	280.0 2	247.0 3	229.0 3	203.0 3	160.0 2	132.0 2	106.0 2	76.0 3
1934	156.0 4	152.0 4	140.0 4	129.0 4	115.0 4	89.0 4	72.0 4	61.0 4	48.0 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
TEXAS CREEK AT TAYLOR PARK, COLO.

YEAR	1	3	7	14	30	60	90	120	183
1931	14.00 4	14.00 4	14.00 4	14.00 4	14.00 4	17.00 4	19.00 4	21.00 4	21.00 4
1932	9.00 3	9.00 3	9.40 3	10.00 3	12.00 3	15.00 3	15.00 3	15.00 3	15.00 3
1933	7.00 1	7.00 1	7.00 1	7.00 1	7.00 1	7.10 1	7.40 1	7.80 1	8.90 1
1934	8.00 2	9.00 2	9.30 2	10.00 2	10.00 2	10.00 2	12.00 2	13.00 2	12.00 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)											
18.8	13.4	14.2	15.3	13.2	12.0	27.2	96.0	143	61.5	34.9	21.3
87.9	19.2	29.3	121	58.0	8.20	213	598	6123	1030	309	21.9
9.38	4.38	5.42	11.0	7.61	2.86	14.6	24.5	78.3	32.1	17.6	4.68
1.81	-0.67	0.19	1.05	1.18	0.83	1.08	-1.28	-0.60	0.08	0.73	-0.02
0.50	0.33	0.38	0.72	0.57	0.24	0.54	0.25	0.55	0.52	0.50	0.22
3.98	2.85	3.00	3.25	2.81	2.55	5.77	20.4	30.4	13.1	7.41	4.52

GUNNISON RIVER BASIN

09107500 TEXAS CREEK AT TAYLOR 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,SKENNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.24	1.11	1.12	1.09	1.07	1.07	1.39	1.97	2.09	1.73	1.50	1.32
0.04	0.03	0.03	0.12	0.06	0.01	0.05	0.02	0.09	0.06	0.05	0.01
0.19	0.16	0.18	0.35	0.24	0.10	0.23	0.13	0.30	0.25	0.21	0.10
1.32	-1.10	-0.75	-0.37	0.41	0.76	0.38	-1.59	-0.63	-0.31	0.51	-0.66
0.15	0.15	0.16	0.32	0.23	0.09	0.16	0.07	0.14	0.15	0.14	0.08
7.42	6.63	6.73	6.51	6.40	6.42	6.31	11.6	12.5	10.4	8.99	7.91

STATISTICS ON NDRMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
39.3	90.7	9.53	-0.30	0.24	-0.594

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
1.58	0.01	0.11	-0.41	0.07	-0.599

09108000 WILLOW CREEK AT TAYLOR PARK, COLO.

LOCATION.--Lat 38°48'58", long 106°31'44", in NE¼SW¼ sec.22, T.14 S., R.82 W., Gunnison County, at bridge at Willow Creek ranger station, 3.5 mi (5.6 km) upstream from mouth, and 20 mi (32 km) northeast of Almont.

DRAINAGE AREA.--59.3 mi² (153.6 km²).

REMARKS.--Small diversion above station for irrigation.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WILLOW CREEK AT TAYLOR PARK, COLO.

CLASS YEAR	NUMBER OF DAYS IN CLASS																																			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
1930												31	93	64	9	21	11	19	24	24	19	9	10	1	3	5	6	5	1	9	1					
1931	3				30	18	41	23	3	31	80	60	11	21	14	10	7	7	4	2																
1932		31			29		92	44	7	19	17	17	2	6	3	6	7	6	21	5	2	3	6	16	16	8	3									
1933		29	31	1		5	13	40	39	32	20	23	10	14	36	9	4	2	1	8	1	8	2	2	3	1	2	1	10	3	5	9	1			
1934					2	81	40	13	40	42	14	57	3	13	13	4	7	7	12	3	3	7	1	3												

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1826	100.0	12	18.0	162	1047	57.3	24	58	10	123	6.7
1	6.00	3	1826	100.0	13	20.0	250	885	48.5	25	64	24	113	6.1
2	6.60	0	1823	99.8	14	22.0	90	635	34.8	26	70	24	89	4.8
3	7.30	60	1823	99.8	15	24.0	63	545	29.8	27	78	15	65	3.5
4	8.10	31	1763	96.5	16	26.0	67	482	26.4	28	86	10	50	2.7
5	8.90	1	1732	94.9	17	29.0	40	395	21.6	29	95	2	40	2.1
6	9.80	61	1731	94.8	18	32.0	44	355	19.4	30	100	19	38	2.0
7	11.00	104	1670	91.5	19	35.0	46	311	17.0	31	120	4	19	1.0
8	12.00	186	1566	85.8	20	39.0	62	265	14.5	32	130	5	15	.8
9	13.00	120	1380	75.6	21	43.0	37	203	11.1	33	140	9	10	.5
10	15.00	89	1260	69.0	22	48.0	15	166	9.1	34	160	1	1	
11	16.00	124	1171	64.1	23	52.0	28	151	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
WILLOW CREEK AT TAYLOR PARK, COLO.

YEAR	1	3	7	15	30	60	90	120	183
1930	125.0 2	112.0 2	106.0 2	97.0 2	89.0 2	66.0 3	59.0 2	53.0 2	43.0 2
1931	44.0 5	43.0 5	40.0 5	36.0 5	34.0 5	26.0 5	24.0 5	22.0 5	21.0 5
1932	89.0 3	87.0 3	78.0 3	76.0 3	74.0 3	67.0 2	57.0 3	49.0 3	38.0 3
1933	160.0 1	155.0 1	152.0 1	145.0 1	129.0 1	91.0 1	69.0 1	58.0 1	44.0 1
1934	66.0 4	66.0 4	60.0 4	55.0 4	47.0 4	38.0 4	31.0 4	27.0 4	22.0 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
WILLOW CREEK AT TAYLOR PARK, COLO.

YEAR	1	3	7	14	30	60	90	120	183
1931	10.00 4	10.00 4	10.00 4	10.00 4	10.00 4	11.00 3	11.00 2	13.00 3	16.00 3
1932	6.00 1	6.00 1	8.00 1	8.00 1	8.00 1	9.00 1	10.00 1	10.00 1	12.00 1
1933	8.50 3	8.50 3	8.50 3	8.50 3	8.50 3	11.00 2	12.00 3	13.00 2	14.00 2
1934	8.00 2	8.00 2	8.00 2	8.00 2	8.00 2	12.00 4	13.00 4	14.00 4	17.00 4

09109000 TAYLOR RIVER BELOW TAYLOR PARK RESERVOIR, COLO.--Continued

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

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
TAYLOR RIVER BELOW TAYLOR PARK RESERVOIR, 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																																			
1971												3	1	28	25	20	6	9	24	26	42	36	8	23	11	99	4									
1972														139	73			1	1	7	4	10	4	9	6	76	13	14	5	4						
1973														194	26	1		21	3		11	65	5	5	16	18										
1974								1	1			1	2	1	125	54	2	1		2	2	105	3	26	4	34										
1975								1	2			1	2		163	24	2	1		4	2	5	120	22	4	5	7									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	97	13514	100.0	12	31.0	396	9815	72.6	24	310	668	3185	23.5
1	3.70	140	13417	99.3	13	38.0	228	9419	69.7	25	380	538	2517	18.6
2	4.60	60	13277	98.2	14	46.0	1786	9191	68.0	26	460	620	1979	14.6
3	5.60	6	13217	97.8	15	56.0	745	7405	54.8	27	550	646	1359	10.0
4	6.80	8	13211	97.8	16	67.0	302	6660	49.3	28	670	371	713	5.2
5	8.20	248	13203	97.7	17	82.0	313	6358	47.0	29	810	239	342	2.5
6	9.90	839	12955	95.9	18	99.0	514	6045	44.7	30	980	70	103	.7
7	12.00	649	12116	89.7	19	120.0	166	5531	40.9	31	1200	19	33	.2
8	15.00	214	11467	84.9	20	140.0	387	5365	39.7	32	1400	8	14	.1
9	18.00	422	11253	83.3	21	180.0	302	4978	36.8	33	1800	4	6	
10	21.00	560	10831	80.1	22	210.0	933	4676	34.6	34	2100	2	2	
11	26.00	456	10271	76.0	23	260.0	558	3743	27.7					

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

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
TAYLOR RIVER BELOW TAYLOR PARK RESERVOIR, CO.

YEAR	1	3	7	15	30	60	90	120	183
1939	814.0 21	810.0 21	785.0 21	702.0 21	627.0 22	625.0 9	523.0 12	504.0 8	357.0 14
1940	682.0 28	676.0 28	669.0 27	641.0 27	633.0 20	583.0 14	490.0 16	367.0 25	245.0 28
1941	754.0 23	754.0 23	744.0 23	689.0 22	565.0 27	415.0 29	335.0 31	258.0 33	176.0 34
1942	1180.0 5	1150.0 4	1070.0 4	1060.0 3	916.0 3	636.0 6	571.0 6	560.0 4	390.0 9
1943	895.0 17	870.0 18	833.0 18	777.0 19	692.0 17	484.0 25	389.0 27	383.0 24	282.0 24
1944	950.0 12	940.0 12	906.0 14	864.0 12	761.0 12	597.0 12	516.0 13	557.0 6	391.0 8
1945	644.0 29	625.0 29	621.0 29	611.0 29	477.0 32	368.0 32	369.0 28	330.0 28	224.0 29
1946	1010.0 10	982.0 10	953.0 9	871.0 11	633.0 21	434.0 28	400.0 25	428.0 18	302.0 20
1947	1240.0 4	1150.0 5	1010.0 7	885.0 10	827.0 6	621.0 10	473.0 19	407.0 22	299.0 21
1948	1400.0 3	1350.0 3	1300.0 2	1230.0 2	1110.0 2	772.0 2	599.0 5	629.0 1	487.0 2
1949	1120.0 6	1090.0 7	1050.0 5	910.0 7	742.0 14	501.0 23	546.0 8	467.0 14	352.0 15
1950	900.0 16	897.0 16	863.0 17	818.0 16	786.0 9	666.0 5	548.0 7	473.0 12	365.0 12
1951	910.0 15	908.0 15	901.0 15	863.0 13	776.0 10	630.0 7	535.0 9	453.0 15	319.0 18
1952	1480.0 2	1380.0 2	1260.0 3	1050.0 4	818.0 8	609.0 11	532.0 10	481.0 10	418.0 4
1953	944.0 13	937.0 13	914.0 13	851.0 14	770.0 11	579.0 15	484.0 17	450.0 16	327.0 17
1954	850.0 19	845.0 19	813.0 20	730.0 20	603.0 24	471.0 26	411.0 24	323.0 29	247.0 27
1955	887.0 18	884.0 17	871.0 16	845.0 15	757.0 13	571.0 17	531.0 11	445.0 17	298.0 22
1956	932.0 14	928.0 14	924.0 12	905.0 8	819.0 7	702.0 3	614.0 4	551.0 7	368.0 11
1957	2180.0 1	2130.0 1	2050.0 1	1740.0 1	1340.0 1	921.0 1	699.0 1	574.0 2	396.0 6
1958	730.0 25	720.0 25	695.0 26	670.0 24	585.0 26	508.0 22	432.0 23	425.0 19	361.0 13
1959	842.0 20	839.0 20	831.0 19	793.0 18	722.0 16	587.0 13	511.0 14	393.0 23	296.0 23
1960	970.0 11	967.0 11	952.0 10	948.0 6	881.0 5	701.0 4	617.0 3	558.0 5	372.0 10
1961	698.0 27	684.0 27	668.0 28	614.0 28	563.0 29	465.0 21	399.0 26	303.0 30	202.0 32
1962	1120.0 7	1100.0 6	1050.0 6	1010.0 5	884.0 4	625.0 8	633.0 2	570.0 3	506.0 1
1963	743.0 24	743.0 24	724.0 24	681.0 23	614.0 23	558.0 19	479.0 18	410.0 21	307.0 19
1964	707.0 26	707.0 26	699.0 25	667.0 26	564.0 28	385.0 30	304.0 33	229.0 36	157.0 37
1965	1090.0 8	1040.0 8	996.0 8	892.0 9	735.0 15	552.0 20	508.0 15	479.0 11	426.0 3
1966	604.0 31	600.0 31	573.0 32	533.0 31	471.0 33	370.0 31	358.0 30	361.0 26	272.0 25
1967	377.0 37	376.0 37	374.0 37	371.0 37	355.0 36	326.0 35	244.0 37	216.0 37	168.0 36
1968	600.0 32	597.0 32	596.0 30	531.0 32	465.0 34	440.0 27	366.0 29	331.0 27	268.0 26
1969	628.0 30	609.0 30	595.0 31	587.0 30	586.0 25	351.0 33	332.0 32	280.0 31	219.0 30
1970	788.0 22	780.0 22	748.0 22	669.0 25	655.0 18	565.0 18	461.0 21	472.0 13	401.0 5
1971	588.0 33	581.0 33	551.0 33	516.0 33	502.0 30	500.0 24	444.0 22	424.0 20	395.0 7
1972	1010.0 9	998.0 9	950.0 11	802.0 17	636.0 19	573.0 16	470.0 20	502.0 9	348.0 16
1973	520.0 34	517.0 34	514.0 34	466.0 35	377.0 35	306.0 36	286.0 34	240.0 35	176.0 35
1974	488.0 36	484.0 36	481.0 36	481.0 34	479.0 31	340.0 34	279.0 36	271.0 32	210.0 31
1975	504.0 35	493.0 35	483.0 35	432.0 36	352.0 37	298.0 37	284.0 35	242.0 34	180.0 33

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

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
TAYLOR RIVER BELOW TAYLOR PARK RESERVOIR, CO.

YEAR	1	3	7	14	30	60	90	120	183
1940	10.00 13	10.00 13	10.00 12	10.00 10	10.00 7	15.00 13	17.00 13	16.00 11	53.00 17
1941	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	7.20 2	10.00 4	14.00 2
1942	13.00 19	13.00 18	13.00 18	13.00 18	13.00 14	18.00 14	21.00 17	38.00 19	60.00 19
1943	0.00 2	0.00 2	0.00 2	0.00 2	41.00 23	45.00 22	47.00 22	48.00 22	72.00 22
1944	0.00 3	0.00 3	0.00 3	0.00 3	29.00 22	50.00 28	50.00 26	50.00 23	86.00 23
1945	10.00 14	10.00 14	10.00 13	10.00 11	10.00 8	10.00 7	10.00 6	10.00 5	16.00 5

09109000 TAYLOR RIVER BELOW TAYLOR PARK 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

YEAR	1	3	7	14	30	60	90	120	183
1946	10.00 15	10.00 15	10.00 14	10.00 12	19.00 17	22.00 19	34.00 19	34.00 18	45.00 9
1947	26.00 25	26.00 25	26.00 23	26.00 23	26.00 21	31.00 20	37.00 20	40.00 20	46.00 10
1948	47.00 33	47.00 33	47.00 31	47.00 29	50.00 31	91.00 36	106.00 35	106.00 32	130.00 29
1949	13.00 20	13.00 19	30.00 26	38.00 25	42.00 24	44.00 21	45.00 21	46.00 21	51.00 15
1950	28.00 26	29.00 26	29.00 25	33.00 24	46.00 26	49.00 26	50.00 27	50.00 24	61.00 20
1951	16.00 22	18.00 22	18.00 20	19.00 20	19.00 18	19.00 15	19.00 14	21.00 13	30.00 7
1952	11.00 17	17.00 21	17.00 19	19.00 20	20.00 19	20.00 18	20.00 15	23.00 15	48.00 11
1953	41.00 30	54.00 36	60.00 36	63.00 36	63.00 36	63.00 33	63.00 30	63.00 29	115.00 26
1954	6.00 6	8.70 10	11.00 15	11.00 15	12.00 13	13.00 11	15.00 12	18.00 12	55.00 18
1955	8.20 10	8.20 8	9.40 11	10.00 13	11.00 11	11.00 8	11.00 7	11.00 6	19.00 6
1956	10.00 16	11.00 16	11.00 16	11.00 16	11.00 12	11.00 9	11.00 8	12.00 8	51.00 16
1957	9.10 12	9.10 12	9.10 9	10.00 14	10.00 9	13.00 12	13.00 9	13.00 9	50.00 12
1958	13.00 18	13.00 17	13.00 17	13.00 17	14.00 15	46.00 23	81.00 32	121.00 34	159.00 35
1959	19.00 23	19.00 23	19.00 21	19.00 21	19.00 16	19.00 16	22.00 18	28.00 17	51.00 13
1960	8.80 11	9.00 11	9.10 10	9.40 8	9.40 5	9.40 5	9.40 4	9.70 3	15.00 3
1961	6.60 7	8.40 9	8.60 7	8.70 6	8.90 4	9.10 4	9.30 3	9.40 2	43.00 8
1962	7.30 8	7.40 6	7.60 6	9.20 7	11.00 10	11.00 10	13.00 10	15.00 10	16.00 4
1963	8.20 9	8.20 7	9.10 8	10.00 9	10.00 6	10.00 6	10.00 5	11.00 7	13.00 1
1964	4.00 5	4.00 5	4.00 5	4.00 5	4.00 2	4.00 2	4.10 1	4.40 1	51.00 14
1965	3.80 4	3.80 4	3.80 4	3.80 4	4.10 3	9.10 3	14.00 11	26.00 16	68.00 21
1966	28.00 27	29.00 27	52.00 35	53.00 34	54.00 33	57.00 31	105.00 34	169.00 36	145.00 30
1967	46.00 31	46.00 30	46.00 28	46.00 27	46.00 27	47.00 24	48.00 23	53.00 28	146.00 32
1968	36.00 29	44.00 29	44.00 27	44.00 26	45.00 25	72.00 34	95.00 33	117.00 33	168.00 36
1969	50.00 36	50.00 35	50.00 34	50.00 32	50.00 32	50.00 27	50.00 24	52.00 26	151.00 33
1970	19.00 24	19.00 24	19.00 22	19.00 22	20.00 20	20.00 17	21.00 16	22.00 14	91.00 24
1971	29.00 28	29.00 28	49.00 32	54.00 35	59.00 35	89.00 35	113.00 36	127.00 35	145.00 31
1972	47.00 34	47.00 31	47.00 29	48.00 30	49.00 29	53.00 29	53.00 28	53.00 27	130.00 27
1973	46.00 32	47.00 32	47.00 30	47.00 28	48.00 28	49.00 25	50.00 25	51.00 25	104.00 25
1974	49.00 35	49.00 34	49.00 33	49.00 31	50.00 30	53.00 30	66.00 31	66.00 30	157.00 34
1975	14.00 21	14.00 20	27.00 24	51.00 33	55.00 34	61.00 32	61.00 29	82.00 31	130.00 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)											
183	83.6	57.7	41.8	40.5	49.1	119	139	339	401	403	457
17180	10270	5197	1353	1309	2080	21640	23360	62260	35650	16920	39650
131	101	72.1	36.8	36.2	45.6	147	153	250	189	130	199
0.93	1.97	2.70	2.27	2.43	2.06	2.56	1.47	0.63	2.61	0.01	0.12
0.72	1.21	1.25	0.88	0.89	0.93	1.23	1.10	0.74	0.47	0.32	0.44
7.92	3.61	2.49	1.80	1.75	2.12	5.15	6.01	14.6	17.3	17.4	19.7

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)											
2.12	1.67	1.53	1.48	1.46	1.52	1.82	1.87	2.30	2.57	2.58	2.61
0.17	0.21	0.19	0.14	0.13	0.16	0.24	0.31	0.40	0.03	0.02	0.05
0.41	0.46	0.44	0.37	0.37	0.40	0.49	0.56	0.63	0.17	0.15	0.22
-0.81	0.45	0.35	-0.14	-0.12	-0.17	-0.08	-0.82	-2.03	0.30	-0.45	-0.75
0.19	0.28	0.29	0.25	0.25	0.26	0.27	0.30	0.27	0.07	0.06	0.08
8.99	7.10	6.52	6.27	6.22	6.47	7.74	7.95	9.77	10.9	11.0	11.1

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
193	2371	48.7	0.03	0.25	-0.093

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.27	0.01	0.12	-0.62	0.05	-0.089

GUNNISON RIVER BASIN

09110000 TAYLOR RIVER AT ALMONT, COLO.

LOCATION.--Lat 38°39'52", long 106°50'41", in NW¼SE¼ sec.22, T.51 N., R.1 E., Gunnison County, on left bank at Almont, 15 ft (5 m) downstream from bridge on State Highway 306 and 800 ft (240 m) upstream from confluence with East River.

DRAINAGE AREA.--477 mi² (1,235 km²).

REMARKS.--Flow regulated since September 1937 by Taylor Park Reservoir 24 mi (39 km) above station. Diversions for irrigation of about 360 acres (1.46 km²) above station. Statistical summaries are shown for two periods, waters years 1911-36 and water years 1938-75.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TAYLOR RIVER AT ALMONT, CO.

CLASS YEAR	NUMBER OF DAYS IN CLASS																																				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34		
1911						39	34	39	30	39	13	1	29	16	17			9	11	3	5	4	7	6	15	11	14		9	13	1						
1912					1	9	61	93	6	18	25	16	17					17	12	9	1	7	8	4	16	1	6	2	16	13	6	2					
1913	7	3		8	11	5	15	10	117	30	26	20	25	7	3	7	3	6	6	5	12	6	5	17	1	4	1	5									
1914						59	62	30	1	39	54	1	3	1	7	16	9	6	2	5	20	1	2	3	4	4	4	6	10	4	12						
1915						59	79	5	44	49	4	38	13	13	5	16	4	8	2	7	8																
1916					60	31			53	3	5	29	34	24	5	9	7	14	7	7	15	5	16	4	16	3	4	6	4	1							
1917		3		6	8	88	33	23	13	20	15	17	8	26	5	13	3	8	15	6	4	11	4	5	3	2	4	9	6	3	3	1					
1918				1	52	42	9	57	42	18	10	15	24	5	3	7	4	3	4	13	4	8	11	8	2	1	3	3	9	3	4						
1919			9	62	17	25	14	31	28	46	8	16	7	13	10	14	13	10	8	8	5	8	2	2	3	6											
1920	1	2	3	2	58	81	22	34	31	7	8	10	6	9	2	5	4	14	4	14	4	7	5	1	2	1	11	14	6	10	5	1					
1921					78	34	19	25	59	17	4	18	6	11	8	7	2	11	16	5	12	3	2	5	3	7	6	1	4	2							
1922		5	15	14	16	13	104	21	23	18	10	17	12	5	13	5	1	9	5	5	7	8	6	6	4	3	12	8									
1923		4	7	17	7	96	22	47	6	5	1	9	14	8	9	12	13	10	5	13	8	7	7	6	2	14	15	1									
1924			4	8	26	70	34	35	36	12	25	21	11	6	2	3	11	6	6	9	16	6	5	2	3	4	5										
1925			2	42	39	38	15	23	21	28	22	19	10	3	12	13	13	19	11	9	7	8	9	2													
1926	1	1	4	32	80	8	21	5	12	21	31	15	24	11	12	9	14	4	9	12	5	7	4	3	8	4	4	4									
1927		1	2	7	83	66	33	5	5	4	2	13	11	15	16	15	10	5	6	6	7	5	7	18	7	9	7										
1928			2	2	9	25	81	22	19	37	27	31	11	3	7	4	8	8	10	7	6	13	6	7	3	2	6	4	6								
1929		1		2	34	75	28	14	9	14	15	9	17	10	16	16	27	6	8	11	6	16	1	13	2	5	9	1									
1930				16	13	11	49	40	15	21	20	19	22	23	21	19	13	9	10	7	7	10	2	7	3	5	3										
1931				3157	34	34	22	23	15	21	9	11	14	1	5	4	10	2																			
1932				18	83	80	25	9	9	24	10	4	12	9	6	6	6	5	5	6	8	18	10	12	1												
1933			2	39	77	47	57	34	13	25	7	6	1	2	3	6	4	4	3	5	4	6	5	4	6	5											
1934			2	3	4	133	90	37	15	17	7	9	12	5	9	5	9	4	1	3																	
1935				30	80	84	14	7	7	17	11	14	10	13	11	8	9	3	14	6	4	2	3	3	3	6	3	3									
1936			11	42	60	24	14	12	35	17	5	6	13	9	6	13	15	6	3	2	7	14	9	10	9	4	7	13									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.0	0	9497	100.00	12	200.0	604	4407	46.40	24	930.0	239	1010	10.63
1	50.0	7	9497	100.00	13	230.0	442	3803	40.04	25	1100.0	115	771	8.12
2	57.0	4	9490	99.93	14	260.0	361	3361	35.39	26	1200.0	168	656	6.91
3	64.0	1	9486	99.88	15	300.0	356	3000	31.59	27	1400.0	68	488	5.14
4	73.0	38	9485	99.87	16	340.0	208	2644	27.84	28	1500.0	126	420	4.42
5	83.0	131	9447	99.47	17	380.0	252	2436	25.65	29	1700.0	140	294	3.10
6	94.0	667	9316	98.09	18	430.0	245	2184	23.00	30	2000.0	63	154	1.62
7	110.0	679	8649	91.07	19	490.0	225	1939	20.42	31	2300.0	48	91	0.96
8	120.0	1171	7970	83.92	20	560.0	162	1714	18.05	32	2600.0	20	43	0.45
9	140.0	1127	6799	71.59	21	630.0	190	1552	16.34	33	2900.0	21	23	0.24
10	160.0	839	5672	59.72	22	720.0	186	1362	14.34	34	3300.0	2	2	0.02
11	180.0	426	4833	50.89	23	820.0	166	1176	12.38					

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

DISCHARGE-(CFS)
MEAN
TAYLOR RIVER AT ALMONT, CO.

YEAR	1	3	7	15	30	60	90	120	183									
1911	2120.00	11	2030.00	12	2010.00	10	1890.00	10	1680.00	10	1390.00	9	1170.00	8	978.00	8	721.00	8
1912	2340.00	8	2290.00	8	2260.00	8	2060.00	8	1850.00	6	1550.00	5	1250.00	5	1030.00	4	742.00	6
1913	1640.00	19	1590.00	20	1440.00	21	1220.00	22	1140.00	20	920.00	20	735.00	20	596.00	22	439.00	23
1914	3140.00	5	3090.00	3	3050.00	1	2800.00	1	2660.00	1	1990.00	1	1560.00	1	1280.00	1	915.00	1
1915	1560.00	22	1530.00	22	1410.00	22	1280.00	21	1040.00	23	811.00	23	660.00	23	572.00	23	457.00	22
1916	2740.00	6	2540.00	6	2420.00	6	2140.00	6	1770.00	8	1420.00	7	1200.00	6	1030.00	5	776.00	4
1917	3300.00	2	3220.00	1	2970.00	2	2680.00	2	2260.00	2	1600.00	3	1290.00	3	1060.00	3	777.00	3
1918	3220.00	3	3190.00	2	2930.00	3	2680.00	3	2140.00	4	1590.00	4	1250.00	4	1020.00	6	749.00	5
1919	1600.00	21	1600.00	19	1500.00	20	1370.00	20	1100.00	22	868.00	22	723.00	21	626.00	20	476.00	21
1920	3600.00	1	3010.00	4	2730.00	5	2590.00	4	2250.00	3	1840.00	2	1440.00	2	1170.00	2	837.00	2
1921	3200.00	4	2990.00	5	2750.00	4	2340.00	5	1970.00	5	1450.00	6	1170.00	7	974.00	9	719.00	9
1922	2170.00	10	2170.00	10	2060.00	9	1950.00	9	1790.00	7	1360.00	10	1080.00	12	892.00	13	651.00	14
1923	2030.00	14	1970.00	13	1830.00	13	1760.00	13	1680.00	11	1400.00	8	1140.00	9	987.00	7	730.00	7
1924	2230.00	9	2180.00	9	2000.00	11	1820.00	11	1410.00	15	1160.00	15	946.00	15	779.00	15	577.00	15
1925	1230.00	24	1210.00	24	1180.00	24	1080.00	24	934.00	24	810.00	24	706.00	22	620.00	21	490.00	20

09110000 TAYLOR RIVER AT ALMONT, COLO.--Continued

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

DISCHARGE-(CFS)
MEAN
TAYLOR RIVER AT ALMONT, CO.

YEAR	1	3	7	15	30	60	90	120	183
1926	1910.00 16	1790.00 17	1700.00 16	1540.00 16	1310.00 17	998.00 17	811.00 18	692.00 18	522.00 17
1927	1910.00 17	1810.00 16	1650.00 17	1520.00 17	1510.00 13	1310.00 13	1080.00 13	909.00 11	687.00 10
1928	2570.00 7	2520.00 7	2400.00 7	2110.00 7	1740.00 9	1350.00 11	1100.00 10	905.00 12	658.00 13
1929	2100.00 12	1870.00 14	1780.00 14	1600.00 15	1500.00 14	1190.00 14	1010.00 14	871.00 14	681.00 11
1930	1800.00 18	1730.00 18	1560.00 18	1410.00 18	1310.00 18	950.00 19	832.00 17	727.00 16	566.00 16
1931	617.00 26	544.00 26	526.00 26	485.00 26	428.00 26	339.00 26	299.00 26	260.00 26	210.00 26
1932	1420.00 23	1380.00 23	1370.00 23	1210.00 23	1110.00 21	1020.00 16	834.00 16	692.00 17	519.00 18
1933	1630.00 20	1570.00 21	1510.00 19	1400.00 19	1220.00 19	880.00 21	656.00 24	538.00 24	403.00 24
1934	735.00 25	732.00 25	664.00 25	596.00 25	513.00 25	406.00 25	333.00 25	295.00 25	245.00 25
1935	2080.00 13	2070.00 11	1910.00 12	1700.00 14	1360.00 16	991.00 18	791.00 19	659.00 19	497.00 19
1936	1940.00 15	1870.00 15	1780.00 15	1760.00 12	1550.00 12	1320.00 12	1090.00 11	923.00 10	678.00 12

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

DISCHARGE-(CFS)
MEAN
TAYLOR RIVER AT ALMONT, CO.

YEAR	1	3	7	14	30	60	90	120	183
1912	130.00 24	130.00 24	134.00 25	147.00 25	152.00 26	155.00 26	157.00 26	159.00 25	208.00 26
1913	110.00 22	110.00 20	110.00 20	121.00 22	134.00 24	138.00 23	140.00 22	142.00 20	156.00 17
1914	50.00 1	50.00 1	51.00 1	60.00 1	76.00 1	115.00 14	136.00 20	142.00 21	160.00 18
1915	150.00 26	150.00 26	150.00 26	150.00 26	150.00 25	153.00 25	155.00 25	161.00 26	188.00 24
1916	95.00 18	95.00 15	95.00 11	95.00 8	95.00 5	101.00 6	107.00 6	124.00 12	149.00 16
1917	77.00 6	85.00 7	101.00 17	113.00 18	121.00 18	128.00 18	131.00 17	135.00 18	172.00 21
1918	100.00 21	110.00 21	115.00 21	115.00 19	115.00 16	119.00 16	128.00 16	132.00 16	147.00 14
1919	90.00 13	90.00 10	91.00 7	94.00 7	96.00 8	100.00 5	105.00 5	112.00 5	145.00 12
1920	80.00 8	85.00 8	94.00 8	111.00 17	124.00 19	128.00 19	132.00 18	134.00 17	149.00 15
1921	130.00 25	130.00 25	130.00 24	130.00 24	130.00 23	131.00 20	133.00 19	137.00 19	160.00 19
1922	80.00 9	80.00 4	84.00 4	88.00 5	95.00 6	107.00 9	121.00 13	129.00 14	145.00 13
1923	74.00 4	81.00 5	84.00 5	90.00 6	106.00 13	113.00 12	115.00 11	118.00 9	135.00 9
1924	91.00 14	92.00 11	94.00 9	105.00 15	125.00 21	134.00 21	140.00 21	145.00 22	181.00 22
1925	93.00 15	95.00 16	100.00 16	101.00 11	105.00 11	106.00 7	108.00 7	114.00 7	138.00 11
1926	57.00 2	67.00 2	80.00 2	84.00 2	84.00 2	89.00 1	92.00 1	97.00 1	129.00 8
1927	74.00 3	88.00 9	99.00 13	105.00 16	110.00 14	113.00 13	117.00 12	118.00 10	127.00 6
1928	84.00 11	93.00 12	104.00 19	116.00 21	128.00 22	142.00 24	146.00 24	149.00 24	183.00 23
1929	82.00 10	111.00 22	115.00 22	115.00 20	115.00 15	118.00 15	122.00 14	128.00 13	161.00 20
1930	97.00 19	97.00 17	97.00 12	101.00 12	116.00 17	135.00 22	141.00 23	146.00 23	190.00 25
1931	93.00 16	94.00 14	95.00 10	96.00 9	96.00 7	97.00 4	98.00 4	99.00 3	114.00 1
1932	100.00 20	102.00 19	103.00 18	104.00 14	106.00 12	110.00 10	114.00 10	118.00 11	120.00 4
1933	89.00 12	93.00 13	100.00 14	100.00 10	102.00 9	110.00 11	111.00 9	116.00 8	127.00 7
1934	114.00 23	116.00 23	117.00 23	123.00 23	124.00 20	125.00 17	128.00 15	130.00 15	137.00 10
1935	93.00 17	97.00 18	100.00 15	103.00 13	104.00 10	107.00 8	110.00 8	112.00 6	118.00 3
1936	76.00 5	79.00 3	84.00 6	84.00 3	88.00 3	94.00 2	94.00 2	97.00 2	116.00 2
1937	78.00 7	82.00 6	83.00 3	88.00 4	92.00 4	95.00 3	98.00 3	101.00 4	122.00 5

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
218.00	163.00	129.00	125.00	125.00	138.00	252.00	876.00	1368.00	587.00	316.00	229.00
4769.00	1029.00	426.00	375.00	504.00	1106.00	10770.00	90140.00	292300.00	58900.00	11600.00	5435.00
69.10	32.10	20.60	19.40	22.50	33.30	104.00	300.00	541.00	243.00	108.00	73.70
1.14	0.06	0.16	-0.04	0.13	2.20	1.77	0.08	-0.08	0.32	-0.10	1.56
0.32	0.20	0.16	0.16	0.18	0.24	0.41	0.34	0.40	0.41	0.34	0.32
4.82	3.60	2.86	2.75	2.77	3.05	5.58	19.40	30.20	13.00	6.97	5.07

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
2.32	2.20	2.11	2.09	2.09	2.13	2.37	2.91	3.09	2.73	2.47	2.34
0.02	0.01	0.00	0.00	0.01	0.01	0.02	0.03	0.05	0.04	0.03	0.02
0.13	0.09	0.07	0.07	0.08	0.09	0.15	0.17	0.23	0.21	0.18	0.13
0.53	-0.25	-0.11	-0.39	-0.12	1.10	1.00	-0.79	-1.68	-0.86	-1.39	0.34
0.06	0.04	0.03	0.03	0.04	0.04	0.06	0.06	0.07	0.08	0.07	0.05
8.04	7.64	7.30	7.24	7.25	7.38	8.23	10.10	10.70	9.45	8.55	8.11

GUNNISON RIVER BASIN

09110000 TAYLOR RIVER AT ALMONT, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
378.00	8395.00	91.6	-0.59	0.24	0.190

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.56	0.02	0.12	-1.34	0.05	0.215

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE-(CFS)

MEAN
TAYLOR RIVER AT ALMONT, 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			
1938		1	10	18	19	36	70	33	7	3	2	7	8	6	4	10	10	5	6	5	18	27	10	9	4	2	4	13	8	10								
1939					5	41	23		25	33	27	22	9	12	15	6	3	13	12	15	14	8	21	33	18	3	7											
1940				4	13	87	25	10	32	15	21	19	16	11	8	1	22	3	4	5			6	31	32	1												
1941		6	8	20	54	64	33	7	6	3	3	7	4	8	2	7	12	7	35	30	23	6	10	10														
1942					1	29	19	36	29	19	12	13	4	11	31	14	7	14	15	7	20	15	30	11	2	3	5	9	9									
1943					1	4	28	35	67	8	10	27	17	14	12	28	21	17	21	18	12	1	4	12	8													
1944								1	95	80	10	5	4	17	9	12	17	11	20	13	17	16	15	17	7													
1945					45	96	15	10	3	34	6	3	4	3	14	13	18	14	14	20	16	13	19	5														
1946								26	109	40	5	3	2	21	29	7	12	20	19	20	15	6	6	11			7	7										
1947						2	20	18	42	66	26	2	2	9	20	17	17	20	34	15	11	3	6	2			8	13	6	5	1							
1948											2	43	72	50	2	10	31	31	17	11	13	16	14	4			18	3	3	5	16	5						
1949						1	1	3	84	43	37	14	2	1	6	22	26	18	27	17	16	7	13	7			8	3	4	4	1							
1950									31	112	28	3	5	10	6	3	4	20	28	17	26	21	24	24	3													
1951				1	3	2	49	47	47	44	7	7	2	7	10	1	6	7	25	15	17	14	23	16	14	1												
1952					4	40	61	7	29	38	7	2	4	1	4	3	8	21	21	16	6	25	9	12	17	16	7	4	3	1								
1953					1	1	1	17	34	102	19	6	6	3	5	4	13	15	48	12	7	24	31	12	4													
1954						17	26	70	18	24	4	10	16	12	23	11	20	8	11	21	16	30	14	4	5	5												
1955			2	10	35	77	21	17	2	2	34	2	7	5	7	14	15	10	10	13	8	11	16	24	9	9	5											
1956				1	4	67	38	52	12	3	2	5	3	4	1	15	2	8	9	12	16	23	16	33	21	18	1											
1957				1	6	16	71	38	29	14	1	4	7	5	4	3	2	19	24	13	16	9	7	5	7	12	16	11	5	5	1	3	5	2				
1958											39	6	6	11	6	39	2	5	25	66	30	21	22	23	26	9	9	11	9									
1959					10	47	18	29	8	17	17	26	11	17	14	16	17	10	13	21	9	18	11	17	19													
1960			1	3	16	83	15	6	15	12	36	15	5	7	2	6	5	5	8	9	11	27	20	12	16	18	8	5										
1961						83	43	35	22	7	10	14	12	14	8	7	12	12	9	5	17	10	12	23	10													
1962						5	3	25	71	47	31	12	4		1	2		3	3	7	5	18	16	21	19	22	14	10	14	12								
1963				4	18	58	42	8	13	8	35	8		2	3	19	11	14	13	10	19	13	22	25	20													
1964						19	80	8	34	26	11		2	16	11	21	9	8	34	19	27	10	7	10	6	8												
1965							28	82	26	10	1	2	4	11	1	11	4	5	2	3	23	13	36	17	26	22	26	6	6									
1966									9	60	16	13	5	62	7	15	14	7	26	82	19	10	9	8	3													
1967									29	63	24	18	10	2	8	12	3	87	59	37	12	1																
1968										18	112	10	3	1	6	38	28	10	8	72	34	18	8															
1969									5	83	47	21	4	3	6	1	1	11	76	26	22	18	35	5	1													
1970								1	32	89	10	1	2	1	2	4	11	13	38	24	16	6	32	53	20	10												
1971			1	2		4	9	12	20	9	19	4	21	23	22	38	6	12	14	4	55	75	12	3														
1972								62	61	22	10	8	11	12	14	7	6	13	10	11	72	13	17	5	4	2	6											
1973								70	89	22	3	4	2			1	24	48	28	18	17	16	22	1														
1974								3	91	43	20	6	2	3	2	6	29	52	27	14	18	44	5															
1975									4	23	106	5	8	9	3	5	74	49	19	9	9	17	22	3														

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.0	0	13879	100.00	12	130.0	474	7906	56.96	24	770.0	394	1075	7.75
1	24.0	7	13879	100.00	13	150.0	300	7432	53.55	25	900.0	215	681	4.91
2	28.0	26	13872	99.95	14	170.0	432	7132	51.39	26	1000.0	187	466	3.36
3	32.0	80	13846	99.76	15	200.0	334	6700	48.27	27	1200.0	116	279	2.01
4	38.0	246	13766	99.19	16	230.0	349	6366	45.87	28	1400.0	75	163	1.17
5	44.0	815	13520	97.41	17	270.0	547	6017	43.35	29	1600.0	61	88	0.63
6	51.0	550	12705	91.54	18	310.0	756	5470	39.41	30	1900.0	14	27	0.19
7	59.0	616	12155	87.58	19	360.0	798	4714	33.96	31	2200.0	4	13	0.09
8	69.0	542	11539	83.14	20	420.0	771	3916	28.22	32	2600.0	1	9	0.06
9	80.0	1031	10997	79.23	21	490.0	657	3145	22.66	33	3000.0	6	8	0.06
10	93.0	1209	9966	71.81	22	570.0	749	2488	17.93	34	3500.0	2	2	0.01
11	110.0	851	8757	63.10	23	670.0	664	1739	12.53					

09110000 TAYLOR RIVER AT ALMONT, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE-(CFS)
MEAN
TAYLOR RIVER AT ALMONT, CO.

YEAR	1	3	7	15	30	60	90	120	183
1938	1820.00 5	1800.00 5	1760.00 4	1650.00 4	1500.00 3	1090.00 5	912.00 4	753.00 8	573.00 10
1939	1160.00 16	1130.00 17	1080.00 17	965.00 18	780.00 23	694.00 19	661.00 17	643.00 17	504.00 18
1940	776.00 34	755.00 35	744.00 33	717.00 30	697.00 27	633.00 25	538.00 26	431.00 33	319.00 37
1941	736.00 36	736.00 36	729.00 36	687.00 34	578.00 36	467.00 37	418.00 36	414.00 36	330.00 35
1942	1760.00 6	1700.00 7	1660.00 6	1590.00 5	1380.00 5	1030.00 6	835.00 8	790.00 7	616.00 7
1943	1370.00 12	1300.00 14	1210.00 15	1160.00 14	1040.00 12	767.00 13	638.00 20	579.00 21	498.00 20
1944	1360.00 13	1320.00 13	1240.00 14	1200.00 11	1100.00 10	820.00 12	705.00 14	733.00 9	558.00 12
1945	843.00 30	831.00 29	783.00 29	685.00 36	565.00 37	500.00 35	490.00 34	471.00 30	364.00 31
1946	1390.00 11	1370.00 11	1330.00 11	1200.00 12	894.00 16	627.00 26	551.00 24	557.00 23	432.00 23
1947	1650.00 8	1560.00 8	1410.00 10	1310.00 9	1180.00 8	885.00 8	727.00 11	621.00 18	501.00 19
1948	2069.00 3	2000.00 3	1940.00 3	1850.00 2	1690.00 2	1180.00 4	908.00 6	856.00 5	688.00 5
1949	1910.00 4	1800.00 4	1710.00 5	1480.00 7	1190.00 7	848.00 11	759.00 9	698.00 11	568.00 11
1950	927.00 23	921.00 23	887.00 22	838.00 23	807.00 21	712.00 17	632.00 21	608.00 20	506.00 17
1951	1020.00 21	1010.00 20	948.00 21	899.00 21	825.00 20	704.00 18	652.00 18	617.00 19	483.00 21
1952	2250.00 2	2110.00 2	1980.00 2	1660.00 3	1390.00 4	1260.00 2	1060.00 3	895.00 4	739.00 4
1953	1040.00 18	1040.00 18	1010.00 18	930.00 20	842.00 19	662.00 22	604.00 22	644.00 16	509.00 16
1954	914.00 25	914.00 24	879.00 23	797.00 26	683.00 28	564.00 31	500.00 33	418.00 35	357.00 32
1955	1030.00 20	1020.00 19	1010.00 19	969.00 17	862.00 18	680.00 21	638.00 19	576.00 22	432.00 24
1956	1040.00 19	1000.00 21	969.00 20	950.00 19	865.00 17	752.00 15	679.00 15	669.00 15	523.00 15
1957	3510.00 1	3430.00 1	3240.00 1	2730.00 1	2140.00 1	1690.00 1	1370.00 1	1130.00 1	823.00 1
1958	1300.00 15	1290.00 15	1260.00 12	1200.00 13	1090.00 11	858.00 10	710.00 13	687.00 13	588.00 9
1959	876.00 27	874.00 26	868.00 25	839.00 22	785.00 22	659.00 23	578.00 23	497.00 25	401.00 27
1960	1350.00 14	1320.00 12	1240.00 13	1030.00 15	933.00 14	762.00 14	734.00 10	710.00 10	539.00 13
1961	806.00 31	788.00 30	779.00 30	718.00 29	663.00 30	646.00 24	519.00 29	452.00 32	331.00 34
1962	1760.00 7	1720.00 6	1640.00 7	1580.00 6	1360.00 6	1190.00 3	1090.00 2	935.00 2	808.00 2
1963	758.00 35	758.00 34	742.00 35	709.00 31	655.00 31	610.00 27	541.00 25	475.00 29	395.00 28
1964	794.00 32	786.00 31	778.00 31	747.00 27	642.00 33	476.00 36	399.00 38	381.00 38	301.00 38
1965	1570.00 9	1490.00 10	1470.00 8	1340.00 8	1170.00 9	1020.00 7	910.00 5	897.00 3	752.00 3
1966	952.00 22	926.00 22	872.00 24	811.00 24	721.00 25	544.00 32	520.00 28	497.00 26	406.00 26
1967	562.00 38	537.00 38	509.00 38	476.00 38	458.00 38	426.00 38	402.00 37	387.00 37	324.00 36
1968	867.00 28	841.00 28	824.00 27	742.00 28	651.00 32	589.00 29	517.00 30	524.00 24	440.00 22
1969	892.00 26	861.00 27	805.00 28	707.00 32	698.00 26	534.00 33	501.00 32	481.00 27	421.00 25
1970	1140.00 17	1140.00 16	1120.00 16	971.00 16	911.00 15	882.00 9	856.00 7	804.00 6	678.00 6
1971	918.00 24	904.00 25	863.00 26	800.00 25	766.00 24	732.00 16	715.00 12	695.00 12	608.00 8
1972	1560.00 10	1540.00 9	1470.00 9	1250.00 10	962.00 13	688.00 20	664.00 16	679.00 14	533.00 14
1973	850.00 29	779.00 33	743.00 34	687.00 35	617.00 34	571.00 30	505.00 31	461.00 31	367.00 30
1974	723.00 37	712.00 37	683.00 37	640.00 37	595.00 35	501.00 34	452.00 35	421.00 34	350.00 33
1975	792.00 33	780.00 32	762.00 32	697.00 33	679.00 29	606.00 28	523.00 27	477.00 28	380.00 29

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE-(CFS)
MEAN
TAYLOR RIVER AT ALMONT, CO.

YEAR	1	3	7	14	30	60	90	120	183
1939	30.00 3	33.00 3	36.00 3	52.00 14	54.00 12	57.00 13	62.00 14	67.00 14	83.00 8
1940	35.00 7	36.00 7	38.00 4	40.00 3	44.00 6	46.00 5	47.00 6	48.00 5	92.00 12
1941	26.00 1	27.00 1	27.00 1	31.00 1	34.00 1	37.00 1	38.00 1	40.00 1	49.00 1
1942	43.00 13	44.00 11	45.00 13	49.00 13	54.00 13	60.00 15	66.00 15	73.00 18	104.00 20
1943	66.00 25	70.00 26	76.00 24	83.00 25	84.00 23	93.00 26	99.00 27	102.00 27	132.00 23
1944	92.00 35	93.00 35	95.00 34	98.00 33	100.00 33	101.00 30	104.00 30	104.00 28	146.00 24
1945	46.00 18	46.00 15	47.00 14	48.00 12	49.00 11	50.00 11	51.00 11	51.00 9	68.00 5
1946	58.00 23	59.00 21	63.00 21	68.00 21	71.00 20	82.00 21	84.00 20	84.00 20	98.00 16
1947	55.00 20	57.00 20	59.00 17	62.00 18	66.00 19	76.00 19	84.00 21	87.00 21	97.00 15
1948	105.00 37	132.00 37	133.00 37	134.00 37	141.00 37	145.00 37	152.00 36	154.00 33	185.00 29
1949	58.00 24	63.00 23	76.00 25	85.00 26	89.00 27	91.00 24	91.00 23	91.00 23	102.00 18
1950	82.00 31	83.00 30	89.00 31	91.00 31	93.00 30	95.00 28	99.00 28	99.00 26	114.00 22

GUNNISON RIVER BASIN

09110000 TAYLOR RIVER AT ALMONT, COLO.--Continued

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

DISCHARGE-(CFS)

MEAN
TAYLOR RIVER AT ALMONT, CO.

YEAR	1	3	7	14	30	60	90	120	183
1951	40.00 11	50.00 18	61.00 19	64.00 19	65.00 17	66.00 16	67.00 16	71.00 15	80.00 6
1952	54.00 19	56.00 19	60.00 18	61.00 17	64.00 16	67.00 17	69.00 17	72.00 16	100.00 17
1953	56.00 21	63.00 24	87.00 29	88.00 29	96.00 32	105.00 33	108.00 31	108.00 30	171.00 27
1954	45.00 15	48.00 16	49.00 15	53.00 15	55.00 14	57.00 12	58.00 12	59.00 12	104.00 19
1955	30.00 4	33.00 4	39.00 6	41.00 5	43.00 4	44.00 3	44.00 3	44.00 3	57.00 3
1956	35.00 8	42.00 10	43.00 10	44.00 9	47.00 10	48.00 8	50.00 10	52.00 10	95.00 13
1957	30.00 5	33.00 5	39.00 7	43.00 7	44.00 7	46.00 6	47.00 7	48.00 6	91.00 10
1958	58.00 22	61.00 22	62.00 20	68.00 20	87.00 25	104.00 32	131.00 33	174.00 35	226.00 36
1959	38.00 9	41.00 9	41.00 8	43.00 8	44.00 8	48.00 9	50.00 8	57.00 11	91.00 11
1960	30.00 6	34.00 6	38.00 5	40.00 4	43.00 5	46.00 7	46.00 4	47.00 4	63.00 4
1961	45.00 16	45.00 12	45.00 11	46.00 10	47.00 9	49.00 10	50.00 9	51.00 7	89.00 9
1962	45.00 17	50.00 17	52.00 16	57.00 16	66.00 18	67.00 18	70.00 18	72.00 17	80.00 7
1963	28.00 2	29.00 2	31.00 2	35.00 2	39.00 2	40.00 2	40.00 2	41.00 2	54.00 2
1964	38.00 10	40.00 8	41.00 9	42.00 6	43.00 3	45.00 4	46.00 5	51.00 8	97.00 14
1965	44.00 14	45.00 13	45.00 12	47.00 11	55.00 15	58.00 14	59.00 13	61.00 13	105.00 21
1966	79.00 28	88.00 33	94.00 32	94.00 32	95.00 31	97.00 29	148.00 35	218.00 37	207.00 33
1967	85.00 32	87.00 32	89.00 30	90.00 30	91.00 29	94.00 27	98.00 26	114.00 31	205.00 32
1968	99.00 36	104.00 36	119.00 36	125.00 36	128.00 36	130.00 36	131.00 34	158.00 34	248.00 37
1969	90.00 34	90.00 34	94.00 33	99.00 34	102.00 34	103.00 31	103.00 29	104.00 29	216.00 35
1970	68.00 26	70.00 25	71.00 23	74.00 23	77.00 21	78.00 20	79.00 19	81.00 19	159.00 25
1971	43.00 12	46.00 14	68.00 22	72.00 22	86.00 24	127.00 35	168.00 37	186.00 36	213.00 34
1972	80.00 29	80.00 28	83.00 26	86.00 27	90.00 28	91.00 25	91.00 24	92.00 24	187.00 30
1973	85.00 33	85.00 31	85.00 28	86.00 28	88.00 26	90.00 23	92.00 25	95.00 25	159.00 26
1974	82.00 30	83.00 29	83.00 27	83.00 24	84.00 22	87.00 22	88.00 22	90.00 22	199.00 31
1975	79.00 27	79.00 27	97.00 35	105.00 35	111.00 35	116.00 34	116.00 32	133.00 32	178.00 28

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
251.00	141.00	103.00	83.50	81.60	92.20	218.00	434.00	734.00	570.00	504.00	525.00
19590.00	11370.00	6108.00	1597.00	1932.00	2410.00	26900.00	61890.00	137800.00	79090.00	15090.00	37170.00
140.00	107.00	78.20	40.00	44.00	49.10	164.00	249.00	371.00	281.00	123.00	193.00
1.09	1.94	2.64	1.84	2.91	1.81	2.13	1.46	0.42	3.67	-0.07	0.08
0.56	0.76	0.76	0.48	0.54	0.53	0.75	0.57	0.51	0.49	0.24	0.37
6.70	3.76	2.76	2.23	2.18	2.47	5.84	11.60	19.60	15.30	13.50	14.10

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
2.33	2.06	1.94	1.88	1.87	1.92	2.25	2.58	2.80	2.72	2.69	2.69
0.06	0.07	0.06	0.03	0.04	0.04	0.08	0.05	0.07	0.02	0.01	0.03
0.25	0.26	0.24	0.18	0.19	0.21	0.28	0.22	0.26	0.15	0.11	0.18
-0.24	0.89	1.03	0.49	0.65	0.35	0.37	0.43	-0.85	1.31	-0.31	-0.52
0.11	0.13	0.12	0.10	0.10	0.11	0.12	0.09	0.09	0.06	0.04	0.07
8.41	7.43	6.99	6.79	6.74	6.91	8.11	9.31	10.10	9.83	9.70	9.70

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
312.00	5677.00	75.3	0.30	0.24	0.043

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.48	0.01	0.11	-0.11	0.04	0.058

GUNNISON RIVER BASIN

09110500 EAST RIVER NEAR CRESTED BUTTE, COLO.

LOCATION.--Lat 38°51'52", long 106°54'33", in NE¼SE¼ sec.6, T.14 S., R.85 W., Gunnison County, on right bank at highway bridge 1.7 mi (2.7 km) downstream from Brush Creek, 4.1 mi (6.6 km) east of Crested Butte, and 4.3 mi (6.9 km) upstream from Slate River.

DRAINAGE AREA.--90.3 mi² (233.9 km²).

REMARKS.--Diversions for irrigation of about 500 acres (2.02 km²) above station and about 100 acres (405,000 m²) below.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
EAST RIVER NEAR CRESTED BUTTE, 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																																					
1942				90			31	10	13	31	9	20	26	16	3	12	8	7	6	6	3	11	6	2	12	5	2	4	13	15	4							
1943					39	77	64	3	4		9	9	11	6	10	17	7	8	6	5	5	7	8	9	4	8	6	11	12	11	9							
1944	20	15	20	40	8	29	20	11	26	41	20	12	6	2	6	5	1	5	3	4	5	2	2	5	2	6	6	6	18	14	6							
1945					23	68	33	27	17	19	13	24	9	5	3	9	6	2	4	5	9	5	5	8	7	10	12	17	4	5	10	4	2					
1946				7	34	33	13	24	25	34	41	17	10	12	4	4	10	2	4	5	7	12	13	8	8	9	10	1	4	1	11	2						
1947				10	63	4	18	34	36	24	8	4	3	7	15	8	13	10	9	3	6	7	1	3	9	5	12	12	11	21	6	3						
1948				5	49	21	12	9	25	14	30	27	18	17	14	10	7	5	6	5	8	3	4	5	11	11	11	3	2	9	12	7	4					
1949				8	63	20	25	35	10	22	17	16	16	10	4	6	4	5	6	2	3	6	6	16	16	4	8	11	2	6	6	4	5	2	1			
1950	37	17	3	4	15	39	18	23	20	27	26	10	12	7	4	7	3	3	2	15	8	6	6	3	3	8	5	9	8	12	5							
1951	1	9	27	49	37	31	24	21	10	12	9	4	9	13	7	4	3	2	4	9	6	8	6	9	3	12	7	5	5	5	6	6	2					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	3652	100.0	12	54.0	107	1493	40.9	24	280	82	629	17.2
1	12.00	58	3652	100.0	13	62.0	113	1386	38.0	25	330	65	547	14.9
2	14.00	41	3594	98.4	14	72.0	90	1273	34.9	26	370	97	482	13.1
3	16.00	103	3553	97.3	15	82.0	64	1183	32.4	27	430	54	385	10.5
4	18.00	460	3450	94.5	16	94.0	81	1119	30.6	28	490	60	331	9.0
5	21.00	210	2990	81.9	17	110.0	48	1038	28.4	29	560	96	271	7.4
6	24.00	271	2780	76.1	18	120.0	55	990	27.1	30	650	86	175	4.7
7	27.00	276	2509	68.7	19	140.0	45	935	25.6	31	740	50	89	2.4
8	31.00	183	2233	61.1	20	160.0	68	890	24.4	32	850	23	39	1.0
9	36.00	180	2050	56.1	21	190.0	60	822	22.5	33	980	11	16	.4
10	41.00	231	1870	51.2	22	220.0	66	762	20.9	34	1100	5	5	.1
11	47.00	146	1639	44.9	23	250.0	67	696	19.1					

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
EAST RIVER NEAR CRESTED BUTTE, CO.

YEAR	1	3	7	15	30	60	90	120	183
1942	842.0 5	753.0 7	714.0 7	688.0 8	670.0 3	523.0 6	415.0 7	342.0 7	242.0 6
1943	845.0 4	780.0 5	764.0 4	692.0 6	650.0 6	536.0 5	472.0 2	384.0 2	278.0 2
1944	803.0 6	801.0 4	752.0 5	698.0 4	658.0 4	579.0 2	445.0 5	350.0 6	241.0 7
1945	751.0 10	727.0 9	675.0 9	642.0 9	532.0 10	453.0 9	382.0 9	316.0 9	221.0 9
1946	793.0 8	753.0 8	705.0 8	689.0 7	533.0 9	406.0 10	347.0 10	284.0 10	202.0 10
1947	784.0 9	725.0 10	655.0 10	607.0 10	593.0 8	518.0 7	465.0 3	381.0 3	274.0 3
1948	1140.0 1	1130.0 1	1070.0 1	963.0 1	946.0 1	697.0 1	550.0 1	442.0 1	307.0 1
1949	1120.0 2	1050.0 2	973.0 2	864.0 2	719.0 2	543.0 4	448.0 4	368.0 4	257.0 4
1950	800.0 7	762.0 6	751.0 6	695.0 5	627.0 7	517.0 8	409.0 8	330.0 8	232.0 8
1951	1000.0 3	967.0 3	909.0 3	813.0 3	655.0 5	545.0 3	435.0 6	350.0 5	245.0 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
EAST RIVER NEAR CRESTED BUTTE, CO.

YEAR	1	3	7	14	30	60	90	120	183
1942	19.00 9	19.00 9	19.00 9	19.00 9	19.00 8	19.00 8	20.00 5	22.00 6	34.00 9
1943	22.00 10	22.00 10	22.00 10	22.00 10	22.00 10	23.00 10	23.00 10	24.00 9	26.00 5
1944	13.00 3	13.00 1	13.00 1	13.00 1	14.00 2	15.00 2	17.00 1	19.00 1	26.00 6
1945	13.00 4	13.00 2	15.00 4	17.00 4	17.00 4	18.00 4	18.00 2	19.00 2	24.00 2
1946	17.00 5	17.00 5	17.00 5	18.00 7	18.00 5	19.00 9	21.00 8	23.00 8	30.00 8
1947	17.00 6	17.00 6	17.00 6	17.00 5	18.00 6	18.00 5	20.00 6	22.00 7	26.00 3
1948	17.00 7	17.00 7	18.00 8	18.00 8	19.00 9	19.00 9	21.00 9	25.00 10	36.00 10
1949	17.00 8	17.00 8	17.00 7	17.00 6	18.00 7	19.00 7	20.00 7	21.00 5	28.00 7
1950	12.00 1	13.00 3	13.00 2	13.00 2	13.00 1	14.00 1	18.00 3	20.00 4	26.00 4
1951	13.00 2	14.00 4	15.00 3	16.00 3	16.00 3	17.00 3	18.00 4	19.00 3	23.00 1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
45.1	34.6	26.5	21.0	18.6	20.1	85.9	395	611	267	89.9	50.0
167	57.4	17.7	6.47	9.00	24.1	2417	10940	3607	4547	447	154
12.9	7.57	4.21	2.54	3.00	4.91	49.2	105	60.1	67.4	21.1	12.4
0.72	0.62	1.67	0.70	1.74	0.15	0.68	2.03	-0.41	0.06	0.00	1.73
0.29	0.22	0.16	0.12	0.16	0.24	0.57	0.26	0.10	0.25	0.23	0.25
2.71	2.08	1.59	1.26	1.11	1.21	5.16	23.7	36.7	16.1	5.40	3.01

09110500 EAST RIVER NEAR CRESTED BUTTE, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.64	1.53	1.42	1.32	1.26	1.29	1.86	2.59	2.78	2.41	1.94	1.69
0.01	0.01	0.00	0.00	0.00	0.01	0.08	0.01	0.00	0.01	0.01	0.01
0.12	0.09	0.06	0.05	0.06	0.11	0.27	0.10	0.04	0.12	0.11	0.10
0.23	0.32	1.24	0.65	1.20	-0.27	-0.35	1.36	-0.67	-0.54	-0.21	1.39
0.07	0.06	0.05	0.04	0.05	0.08	0.15	0.04	0.02	0.05	0.05	0.06
7.54	7.04	6.52	6.07	5.81	5.94	8.57	11.9	12.8	11.1	8.94	7.77

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
139	257	16.0	0.69	0.12	0.268

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
2.14	0.00	0.05	0.42	0.02	0.275

09111000 COAL CREEK NEAR CRESTED BUTTE, COLO.

LOCATION.--Lat 38°51'23", long 107°03'19", in NW¼NW¼ sec.7, T.14 S., R.86 W., Gunnison County, 200 ft (61 m) from State Highway 135, 0.2 mi (0.3 km) downstream from Elk Creek, and 3.9 mi (6.3 km) west of Crested Butte.

DRAINAGE AREA.--8.65 mi² (22.40 km²).

REMARKS.--Some flow released from storage in Lake Brennan (Anthracite Creek basin) for municipal purposes of town of Crested Butte. No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
COAL CREEK NEAR CRESTED BUTTE, 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
1942				8	9	14	13	134	16	14	28	19	10	4	10	6	6	5	3	3	5	4	3	7	5	4	3	1	2	6	3	14	6		
1943	31	60	13	59	22	11	10	10	12	15	8	5	5	5	5	4	5	3	1	3	2	3	1	23	6	2	6	9	5	7	9	4	1		
1944				20	29	23	41	46	121	2	3	1	5	1	4	1	4	1	1	3	6	4	1	2	5	5	9	3	5	17	3				
1945	25	18	24	59	37	21	41	18	9	13	6	4	3	6	2	3	1	1	3	1	3	3	8	6	8	8	4	5	5	6	7	4	2	1	
1946	2	45	43	68	29	20	15	10	12	9	3	4	5	10	5	2	4	2	3	1	6	2	5	10	4	17	11	3	2	5	1	3	4		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1826	100.0	12	5.5	35	530	29.0	24	35	50	293	16.0
1	1.00	58	1826	100.0	13	6.4	23	495	27.1	25	41	24	243	13.3
2	1.20	123	1768	96.8	14	7.5	26	472	25.8	26	48	33	219	11.9
3	1.40	80	1645	90.1	15	8.7	27	446	24.4	27	56	29	186	10.1
4	1.60	194	1565	85.7	16	10.0	16	419	22.9	28	66	23	157	8.5
5	1.90	117	1371	75.1	17	12.0	20	403	22.1	29	77	23	134	7.3
6	2.20	95	1254	68.7	18	14.0	12	383	21.0	30	89	27	111	6.0
7	2.50	102	1159	63.5	19	16.0	14	371	20.3	31	100	25	84	4.6
8	3.00	213	1057	57.9	20	19.0	9	357	19.6	32	120	42	59	3.2
9	3.50	95	844	46.2	21	22.0	17	348	19.1	33	140	16	17	.9
10	4.00	172	749	41.0	22	26.0	15	331	18.1	34	170	1	1	
11	4.70	47	577	31.6	23	30.0	23	316	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
COAL CREEK NEAR CRESTED BUTTE, CO.

YEAR	1	3	7	15	30	60	90	120	183
1942	166.0 2	157.0 1	145.0 1	139.0 1	124.0 1	83.0 2	60.0 2	47.0 2	32.0 2
1943	144.0 5	133.0 5	126.0 5	112.0 4	97.0 4	76.0 3	59.0 3	46.0 3	32.0 3
1944	145.0 4	140.0 4	131.0 3	129.0 2	117.0 2	89.0 1	63.0 1	48.0 1	33.0 1
1945	171.0 1	157.0 2	127.0 4	108.0 5	99.0 3	74.0 4	55.0 4	42.0 4	29.0 4
1946	162.0 3	151.0 3	140.0 2	114.0 3	83.0 5	67.0 5	51.0 5	40.0 5	27.0 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
COAL CREEK NEAR CRESTED BUTTE, CO.

YEAR	1	3	7	14	30	60	90	120	183
1943	1.00 1	1.00 1	1.00 1	1.00 1	1.00 1	1.10 1	1.20 1	1.30 1	1.50 1
1944	1.90 4	2.00 4	2.00 4	2.10 4	2.20 4	2.60 4	2.80 4	3.00 4	3.30 4
1945	1.00 2	1.00 2	1.00 2	1.10 2	1.10 2	1.30 2	1.40 2	1.60 2	1.80 3
1946	1.20 3	1.20 3	1.20 3	1.20 3	1.20 3	1.30 3	1.40 3	1.60 3	1.70 2

09111000 COAL CREEK NEAR CRESTED BUTTE, 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)											
2.78	2.76	2.22	2.10	2.48	2.82	13.9	58.9	89.7	13.7	3.30	2.06
2.49	1.79	1.19	1.78	1.36	1.06	102	90.7	199	54.4	1.15	0.28
1.58	1.34	1.09	1.33	1.16	1.03	10.1	9.53	14.1	7.37	1.07	0.53
1.94	1.63	0.54	0.87	0.13	-0.11	-0.04	0.28	1.18	0.87	0.42	0.23
0.57	0.48	0.49	0.64	0.47	0.37	0.72	0.16	0.16	0.54	0.33	0.26
1.41	1.40	1.13	1.07	1.26	1.43	7.07	30.0	45.6	6.98	1.68	1.05

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)											
0.40	0.41	0.30	0.25	0.35	0.42	1.01	1.77	1.95	1.09	0.50	0.30
0.04	0.03	0.05	0.07	0.05	0.03	0.17	0.00	0.00	0.05	0.02	0.01
0.21	0.19	0.21	0.27	0.22	0.17	0.41	0.07	0.07	0.23	0.15	0.12
1.56	1.25	0.39	0.57	-0.27	-0.32	-0.41	0.21	0.96	0.33	-0.27	-0.46
0.51	0.46	0.70	1.07	0.63	0.40	0.41	0.04	0.03	0.21	0.29	0.38
4.57	4.64	3.47	2.89	4.01	4.85	11.6	20.2	22.3	12.4	5.70	3.44

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
16.4	2.51	1.58	-0.29	0.10	0.253

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.21	0.00	0.04	-0.36	0.04	0.303

09111500 SLATE RIVER NEAR CRESTED BUTTE, COLO.

LOCATION.--Lat 38°51'56", long 106°58'02", in NW¼SW¼ sec.2, T.14 S., R.86 W., Gunnison County, on right bank 0.6 mi (1.0 km) downstream from Coal Creek, 1.0 mi (1.6 km) east of Crested Butte, and 7 mi (11 km) upstream from mouth.

DRAINAGE AREA.--70.1 mi² (181.6 km²).

REMARKS.--Diversions for irrigation of about 1,300 acres (5.26 km²) above and below station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SLATE RIVER NEAR CRESTED BUTTE, 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
1941					59	31	40	3	39	13	20	20	9	10	3	2	2	4	3	6	4	4	4	8	9	2	10	4	14	11	8	5	2		
1942					3	3	33	70	19	18	19	14	7	19	17	15	20	4	5	6	7	7	5	9	17	7	3	7	3	6	11	9	2		
1943		1	2	4	25	64	39	23	17	4	10	3	8	8	6	13	9	10	5	8	3	5	3	9	7	10	10	8	10	19	9	9	3	1	
1944					41	27	30	32	42	9	29	18	17	3	9	8	6	6	6	7	5	3	1	3	2	5	6	4	11	9	17	10			
1945			28		31	36	37	26	29	16	20	8	6	8	5	3	7	3	4	6	4	5	8	4	5	16	15	15	10	9	1				
1946					22	9	28	24	33	35	46	26	14	14	6	6	3	3	7	5	1	4	2	8	14	8	10	7	8	9	5	8			
1947				5	40	17	29	19	22	23	20	20	19	11	11	9	2	7	6	11	5	7	3	2	5	2	12	9	25	8	11	5			
1948					3	9	57	54	24	23	13	20	13	10	9	15	10	6	6	6	5	1	5	7	8	9	3	8	5	6	5	18	8		
1949					19	45	58	32	36	13	23	8	8	5	2	5	7	1	3	4	3	9	2	5	6	11	12	11	9	12	5	9	2		
1950					40	26	51	34	17	28	19	13	17	7	5	3	2	3	5	2	4	4	3	13	11	11	9	6	7	14	11				
1951				4	32	41	76	25	14	8	14	21	11	3	4	2	2	9	11	6	3	3	6	5	3	11	6	11	11	7	8	7	1		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4017	100.0	12	26.0	188	1852	46.1	24	210	71	854	21.2
1	3.80	1	4017	100.0	13	31.0	142	1664	41.4	25	250	88	783	19.4
2	4.60	2	4016	100.0	14	37.0	104	1522	37.9	26	300	88	695	17.3
3	5.50	32	4014	99.9	15	44.0	93	1418	35.3	27	360	87	607	15.1
4	6.60	34	3982	99.1	16	53.0	87	1325	33.0	28	420	98	520	12.9
5	7.80	295	3948	98.3	17	63.0	68	1238	30.8	29	500	117	422	10.5
6	9.30	275	3653	90.9	18	75.0	53	1170	29.1	30	600	104	305	7.5
7	11.00	452	3378	84.1	19	89.0	62	1117	27.8	31	710	102	201	5.0
8	13.00	384	2926	72.8	20	110.0	58	1055	26.3	32	850	78	99	2.4
9	16.00	240	2542	63.3	21	130.0	47	997	24.8	33	1000	19	21	.5
10	19.00	235	2302	57.3	22	150.0	51	950	23.6	34	1200	2	2	
11	22.00	215	2067	51.5	23	180.0	45	899	22.4					

0911500 SLATE RIVER NEAR CRESTED BUTTE, 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
SLATE RIVER NEAR CRESTED BUTTE, CO.

YEAR	1	3	7	15	30	60	90	120	183
1941	1220.0 1	1180.0 1	1100.0 1	937.0 2	845.0 2	687.0 2	535.0 2	418.0 2	284.0 2
1942	1100.0 2	1030.0 4	948.0 4	884.0 4	798.0 3	576.0 7	448.0 8	359.0 8	243.0 8
1943	1090.0 3	874.0 9	854.0 8	693.0 9	611.0 10	539.0 9	481.0 6	390.0 5	272.0 4
1944	970.0 8	963.0 5	874.0 6	784.0 6	750.0 4	657.0 3	492.0 4	383.0 6	259.0 6
1945	865.0 10	813.0 10	757.0 10	691.0 10	638.0 8	558.0 8	463.0 7	373.0 7	254.0 7
1946	970.0 9	961.0 6	921.0 5	848.0 5	607.0 11	532.0 10	433.0 10	341.0 10	232.0 10
1947	990.0 7	882.0 8	833.0 9	660.0 11	617.0 9	608.0 4	506.0 3	406.0 3	280.0 3
1948	1090.0 4	1080.0 2	1050.0 2	989.0 1	954.0 1	715.0 1	552.0 1	433.0 1	291.0 1
1949	1080.0 5	1030.0 3	957.0 3	897.0 3	745.0 5	596.0 5	491.0 5	391.0 4	264.0 5
1950	833.0 11	812.0 11	755.0 11	715.0 8	646.0 7	523.0 11	430.0 11	340.0 11	231.0 11
1951	1000.0 6	952.0 7	873.0 7	747.0 7	681.0 6	576.0 6	445.0 9	353.0 9	240.0 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
SLATE RIVER NEAR CRESTED BUTTE, CO.

YEAR	1	3	7	14	30	60	90	120	183
1941	7.20 4	7.60 4	8.60 7	10.00 9	10.00 9	10.00 8	10.00 8	11.00 6	16.00 8
1942	11.00 11	11.00 11	11.00 11	11.00 10	12.00 11	13.00 11	13.00 11	15.00 10	27.00 11
1943	3.90 1	5.10 1	5.80 1	6.20 1	6.80 2	7.70 2	8.30 1	8.60 1	9.40 1
1944	8.40 8	8.40 8	8.40 6	8.50 6	8.80 6	9.10 6	9.70 6	11.00 7	15.00 7
1945	6.20 2	6.20 2	6.20 2	6.20 2	6.40 1	7.60 1	9.10 2	10.00 2	14.00 5
1946	8.60 10	8.70 9	8.80 8	8.80 7	9.20 7	10.00 9	12.00 9	15.00 11	18.00 9
1947	7.60 5	7.60 5	7.70 3	7.80 3	8.00 3	8.60 3	9.50 3	11.00 8	14.00 6
1948	8.40 9	8.90 10	10.00 10	11.00 11	11.00 10	11.00 10	12.00 10	14.00 9	23.00 10
1949	8.00 6	8.20 7	8.80 9	9.20 8	9.30 8	9.80 7	10.00 7	10.00 3	13.00 3
1950	8.00 7	8.00 6	8.00 4	8.00 4	8.10 4	8.90 4	9.60 4	10.00 4	14.00 4
1951	7.00 3	7.50 3	8.10 5	8.20 5	8.40 5	9.00 5	9.60 5	10.00 5	12.00 2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
26.9	21.0	14.3	10.6	9.49	12.7	122	536	621	204	47.2	22.3
243	78.2	17.3	2.83	3.14	5.77	7219	16790	2805	3060	349	68.4
15.6	8.84	4.16	1.68	1.77	2.40	85.0	130	53.0	55.3	18.7	8.27
1.66	0.46	0.46	0.49	0.61	0.10	1.18	1.27	1.26	0.18	1.11	0.92
0.58	0.42	0.29	0.16	0.19	0.19	0.70	0.24	0.09	0.27	0.40	0.37
1.63	1.27	0.87	0.65	0.58	0.77	7.42	32.5	37.7	12.4	2.86	1.35

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.38	1.28	1.14	1.02	0.97	1.10	1.99	2.72	2.79	2.29	1.64	1.32
0.05	0.04	0.02	0.00	0.01	0.01	0.09	0.01	0.00	0.02	0.03	0.02
0.22	0.20	0.13	0.07	0.08	0.08	0.30	0.10	0.04	0.12	0.17	0.15
0.52	-0.37	-0.07	0.24	-0.32	-0.38	0.07	0.99	0.96	-0.38	0.17	0.62
0.16	0.15	0.11	0.07	0.08	0.08	0.15	0.04	0.01	0.05	0.10	0.11
7.00	6.53	5.79	5.20	4.94	5.58	10.1	13.8	14.2	11.7	8.37	6.74

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
138	117	10.8	0.26	0.08	0.264

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
2.14	0.00	0.03	0.17	0.02	0.266

GUNNISON RIVER BASIN

09112000 CEMENT CREEK NEAR CRESTED BUTTE, COLO.

LOCATION.--Lat 38°49'28", long 106°51'08", in SE&NE¼ sec.23, T.14 S., R.85 W., Gunnison County, on right bank near Pioneer Resort, 1.9 mi (3.1 km) upstream from mouth and 8 mi (13 km) southeast of Crested Butte.

DRAINAGE AREA.--26.1 mi² (67.6 km²).

REMARKS.--Diversions for irrigation of about 80 acres (324,000 m²) above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CEMENT CREEK NEAR CRESTED BUTTE, 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																																				
1911									76	5	52	17																									
1912									22	8	23	109	4	45	16	11	17	13	11	3	11	3															
1913				59	31	8			35	1	5	25	43	7	10	10	10	9	4	4	2	2	9	8	4	20	14	1									
1941					131	47	17		11			1	39	10	14	8	4	5	8	4	3	5	5	2	4	10	5	17	15								
1942					17	36	15	17	47	4	25	42	14	41	10	15	8	3	11	12	3	5	2	1	3	3	3	5	8	10	3	2					
1943									31	91	35	21	22	9	19	6	17	16	11	7	5	9	11	6	7	7	7	14	12	2							
1944									29	32	65	10	69	42	7	14	10	7	8	5	3	4	6	7	2	5	3	7	7	6	14	3	1				
1945									10	23	17	109	8	5	58	9	21	8	9	4	9	8	3	7	10	12	5	10	5	13	2						
1946									7	21	30	56	29	9	36	47	4	8	13	9	9	6	11	12	15	16	7	2	2	3	9	4					
1947									6	34	56	48	22	28	9	12	21	10	9	11	6	9	1	4	4	7	5	9	4	19	19	5	5				
1948									26	32	44	25	25	39	26	18	18	10	8	6	10	10	7	3	13	4	3	1	4	3	4	2	8	9	7	1	
1949									8	107	28	14	36	22	17	15	8	4	16	8	6	13	2	3	10	7	11	9	3	5	3	5	4	1			
1950									24	8	5	7	4	7	24	43	21	27	52	23	5	10	11	12	11	8	7	5	4	8	9	7	4	12	6	1	
1951									1	56	46	41	15	20	25	21	15	8	12	10	5	7	10	5	10	3	4	7	3	2	9	8	7	7	4	4	

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5113	100.0	12	19.0	233	2284	44.7	24	87	86	627	12.2
1	4.50	24	5113	100.0	13	21.0	299	2051	40.1	25	99	54	541	10.5
2	5.10	8	5089	99.5	14	24.0	150	1752	34.3	26	110	149	487	9.5
3	5.80	64	5081	99.4	15	27.0	183	1602	31.3	27	130	116	338	6.6
4	6.60	32	5017	98.1	16	31.0	117	1419	27.8	28	150	55	222	4.3
5	7.50	295	4985	97.5	17	35.0	130	1302	25.5	29	170	57	167	3.2
6	8.60	236	4690	91.7	18	40.0	116	1172	22.9	30	190	33	110	2.1
7	9.70	328	4454	87.1	19	46.0	83	1056	20.7	31	210	40	77	1.5
8	11.00	709	4126	80.7	20	52.0	99	973	19.0	32	240	28	37	.7
9	13.00	251	3417	66.8	21	59.0	89	874	17.1	33	280	8	9	.1
10	14.00	297	3166	61.9	22	67.0	74	785	15.4	34	320	1	1	
11	16.00	585	2869	56.1	23	76.0	84	711	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
CEMENT CREEK NEAR CRESTED BUTTE, CO.

YEAR	1	3	7	15	30	60	90	120	183
1911	285.0 3	283.0 2	275.0 2	256.0 2	219.0 2	181.0 2	147.0 2	122.0 2	91.0 1
1912	330.0 1	315.0 1	298.0 1	266.0 1	247.0 1	205.0 1	159.0 1	127.0 1	91.0 2
1913	190.0 9	157.0 9	139.0 10	131.0 10	126.0 10	112.0 9	90.0 8	74.0 8	55.0 9
1941	148.0 12	144.0 11	136.0 11	123.0 12	120.0 11	107.0 10	84.0 11	68.0 11	49.0 11
1942	230.0 5	213.0 6	192.0 7	184.0 6	167.0 5	116.0 8	90.0 9	73.0 10	55.0 10
1943	150.0 10	149.0 10	146.0 9	138.0 9	128.0 9	104.0 11	88.0 10	74.0 9	56.0 8
1944	210.0 8	204.0 7	193.0 6	182.0 7	168.0 4	130.0 6	100.0 7	82.0 7	60.0 7
1945	135.0 14	132.0 14	123.0 14	114.0 14	104.0 13	88.0 13	72.0 13	60.0 13	44.0 13
1946	139.0 13	137.0 13	130.0 13	122.0 13	98.0 14	78.0 14	66.0 14	56.0 14	42.0 14
1947	213.0 7	204.0 8	180.0 8	167.0 8	154.0 8	133.0 4	111.0 4	91.0 4	66.0 4
1948	292.0 2	270.0 3	251.0 3	231.0 3	218.0 3	154.0 3	119.0 3	97.0 3	69.0 3
1949	240.0 4	229.0 4	218.0 4	199.0 4	162.0 7	128.0 7	103.0 5	85.0 5	62.0 5
1950	150.0 11	141.0 12	136.0 12	129.0 11	112.0 12	92.0 12	74.0 12	62.0 12	46.0 12
1951	225.0 6	219.0 5	210.0 5	188.0 5	166.0 6	130.0 5	102.0 6	83.0 6	60.0 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
CEMENT CREEK NEAR CRESTED BUTTE, CO.

YEAR	1	3	7	14	30	60	90	120	183
1912	12.00 13	12.00 13	12.00 13	12.00 13	13.00 13	14.00 13	16.00 13	16.00 13	18.00 13
1913	6.00 2	6.00 2	6.00 2	6.00 2	6.00 2	6.00 1	6.70 1	7.60 1	11.00 3
1941	6.00 3	6.00 3	6.00 3	6.00 3	7.80 5	8.00 4	8.00 2	8.00 2	8.50 1
1942	6.90 4	7.00 4	7.10 4	7.20 4	7.40 3	7.80 3	8.50 5	9.20 5	11.00 4
1943	10.00 11	10.00 11	10.00 11	10.00 11	10.00 10	10.00 8	11.00 10	11.00 10	12.00 8
1944	10.00 12	10.00 12	10.00 12	10.00 12	10.00 11	10.00 9	11.00 11	12.00 12	14.00 11
1945	9.40 9	9.50 9	9.50 9	9.60 9	9.80 8	11.00 10	11.00 12	11.00 11	13.00 9
1946	7.40 6	7.40 5	7.40 5	7.50 5	8.00 6	9.00 6	9.20 6	9.50 6	11.00 5
1947	8.20 7	8.30 7	8.40 7	8.70 7	9.10 7	9.70 7	9.70 7	10.00 7	11.00 6
1948	9.40 10	9.50 10	9.60 10	9.70 10	10.00 9	11.00 11	11.00 8	11.00 8	14.00 12
1949	8.80 8	8.80 8	8.90 8	9.10 8	11.00 12	11.00 12	11.00 9	11.00 9	13.00 10
1950	4.50 1	4.60 1	4.80 1	4.90 1	5.00 1	6.60 2	8.30 3	9.00 4	11.00 7
1951	7.00 5	7.50 6	7.60 6	7.70 6	7.80 4	8.20 5	8.50 4	8.80 3	10.00 2

GUNNISON RIVER BASIN

09112000 CEMENT CREEK NEAR CRESTED BUTTE, 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)											
17.8	13.6	11.3	10.6	9.90	10.1	19.2	88.3	147	60.5	28.3	19.9
18.2	5.06	4.60	6.47	5.61	7.27	39.6	474	1728	600	48.6	14.6
4.26	2.25	2.15	2.54	2.37	2.70	6.29	21.8	41.6	24.5	6.97	3.82
0.69	-0.78	1.33	1.93	0.39	-0.09	0.83	0.91	0.93	1.57	1.45	1.76
0.24	0.16	0.19	0.24	0.24	0.27	0.33	0.25	0.28	0.40	0.25	0.19
4.09	3.12	2.59	2.42	2.27	2.32	4.39	20.2	33.7	13.8	6.48	4.55

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)											
1.24	1.13	1.05	1.01	0.98	0.99	1.26	1.93	2.15	1.75	1.44	1.29
0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.01	0.01	0.02	0.01	0.01
0.10	0.08	0.08	0.09	0.11	0.12	0.14	0.10	0.12	0.15	0.10	0.08
-0.31	-1.17	0.65	1.11	-0.18	-0.59	0.02	0.43	0.38	1.08	0.82	1.17
0.08	0.07	0.07	0.09	0.11	0.13	0.11	0.05	0.05	0.09	0.07	0.06
7.64	6.95	6.44	6.25	6.06	6.09	7.77	11.9	13.3	10.8	8.87	7.95

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
36.5	71.4	8.45	1.19	0.23	0.467

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.55	0.01	0.09	0.79	0.06	0.414

09112200 EAST RIVER BELOW CEMENT CREEK, NEAR CRESTED BUTTE, COLO.

LOCATION.--Lat 38°47'24", long 106°52'21", in SE¼SW¼ sec.34, T.14 S., R.85 W., Gunnison County, on left bank at downstream side of private bridge, 1.1 mi (1.8 km) downstream from Cement Creek, and 8 mi (13 km) southeast of Crested Butte.

DRAINAGE AREA.--235 mi² (609 km²).

REMARKS.--Diversion for irrigation of about 4,500 acres (18.2 km²) above and below station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE IN CUBIC FEET PER SECOND

MEAN EAST RIVER BL CEMENT CREEK NR CRESTED BUTTE, 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																																			
1964	33	59	56	32	18	2	2	13	23	4	7	12	10	9	6	4	4	4	3	7	3	3	3	5	11	5	11	3	6	3	5				
1965	1	31	33	57	43	18	17	1				1	1	3	11	15	11	6	10	6	2	1	9	8	11	9	3	9	6	9	7	16	10	9	1
1966		1	12	23	48	15	28	17	43	15	12	12	23	7	10	10	9	7	5	6	3	10	16	6	11	6	4	2	4						
1967		1	28	66	49	25	3		11	8	17	17	14	6	14	15	8	7	7	7	5	4	3	2	5	7	8	5	16	3	3	1			
1968			42	25	37	45	19	8	31	10	17	7	4	3	8	3	11	5	12	7	5	8	8	7	2	2	5	5	6	8	7	4	5		
1969		1	34	35	35	25	11	6	34	4	21	16	15	10	9	5	4	4	3	4	3	6	7	11	13	9	12	9	7	10	2				
1970			1	12	81	26	20	12	18	5	17	23	19	17	17	5	5	4	3	5	3	4	1	2	10	5	6	2	15	10	6	11			
1971				1	62	31	20	42	12	24	18	21	8	9	5	3	6	6	7	7	12	8	11	12	6	12	3	6	2	5	6				
1972				23	47	46	16	19	51	19	15	17	10	2	10	10	3	10	7	9	5	4	5	3	6	6	5	5	3	10					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	3288	100.0	12	150.0	123	1355	41.2	24	700	55	511	15.5
1	38.00	34	3288	100.0	13	170.0	117	1232	37.5	25	790	79	456	13.8
2	43.00	93	3254	99.0	14	200.0	65	1115	33.9	26	900	49	377	11.4
3	49.00	206	3161	96.1	15	220.0	94	1050	31.9	27	1000	72	328	9.9
4	56.00	273	2955	89.9	16	250.0	72	956	29.1	28	1200	40	256	7.7
5	63.00	359	2682	81.6	17	290.0	58	884	26.9	29	1300	72	216	6.5
6	72.00	264	2323	70.7	18	330.0	53	826	25.1	30	1500	53	144	4.3
7	81.00	147	2059	62.6	19	370.0	56	773	23.5	31	1700	44	91	2.7
8	92.00	96	1912	58.2	20	420.0	58	717	21.8	32	1900	32	47	1.4
9	100.00	253	1816	55.2	21	480.0	36	659	20.0	33	2200	14	15	.4
10	120.00	78	1563	47.5	22	540.0	52	623	18.9	34	2500	1	1	
11	130.00	130	1485	45.2	23	620.0	60	571	17.4					

09112200 EAST RIVER BELOW CEMENT CREEK, NEAR CRESTED BUTTE, 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
EAST RIVER BL CEMENT CREEK NR CRESTED BUTTE, CO.

YEAR:	1	3	7	15	30	60	90	120	183
1964	1810.0 6	1770.0 6	1730.0 5	1480.0 7	1290.0 7	1030.0 7	788.0 7	636.0 7	449.0 7
1965	2530.0 1	2500.0 1	2420.0 1	2200.0 1	2020.0 1	1740.0 1	1470.0 1	1220.0 1	867.0 1
1966	1460.0 9	1420.0 9	1300.0 9	1010.0 9	933.0 9	607.0 9	662.0 9	549.0 9	395.0 9
1967	1930.0 5	1870.0 5	1700.0 6	1440.0 8	1330.0 6	1120.0 6	867.0 6	718.0 6	527.0 6
1968	2390.0 2	2330.0 2	2270.0 2	1930.0 3	1770.0 2	1320.0 3	1030.0 3	852.0 3	603.0 4
1969	1730.0 7	1680.0 7	1670.0 7	1600.0 5	1430.0 5	1160.0 5	1020.0 4	840.0 4	605.0 3
1970	2160.0 3	2140.0 3	2110.0 3	2000.0 2	1730.0 3	1470.0 2	1140.0 2	909.0 2	657.0 2
1971	1950.0 4	1940.0 4	1920.0 4	1770.0 4	1470.0 4	1170.0 4	961.0 5	826.0 5	599.0 5
1972	1680.0 8	1640.0 8	1570.0 8	1500.0 6	1280.0 8	938.0 8	736.0 8	602.0 8	433.0 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
EAST RIVER BL CEMENT CREEK NR CRESTED BUTTE, CO.

YEAR	1	3	7	14	30	60	90	120	183
1965	42.00 1	43.00 1	44.00 1	45.00 1	46.00 1	49.00 1	53.00 1	55.00 1	61.00 1
1966	48.00 2	54.00 5	56.00 5	58.00 5	59.00 5	63.00 5	69.00 7	76.00 7	103.00 8
1967	48.00 3	51.00 4	53.00 4	54.00 4	55.00 4	56.00 3	57.00 2	61.00 2	64.00 2
1968	49.00 5	50.00 2	51.00 2	51.00 2	53.00 2	58.00 4	58.00 3	61.00 3	71.00 3
1969	48.00 4	50.00 3	52.00 3	52.00 3	53.00 3	55.00 2	58.00 4	61.00 4	76.00 4
1970	55.00 6	58.00 6	60.00 6	63.00 7	64.00 7	65.00 7	66.00 5	70.00 5	90.00 6
1971	62.00 8	64.00 8	66.00 8	74.00 8	75.00 8	76.00 8	80.00 8	84.00 8	100.00 7
1972	59.00 7	60.00 7	61.00 7	62.00 6	62.00 6	64.00 6	67.00 6	71.00 6	85.00 5

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
114	88.6	74.6	64.1	59.6	67.8	237	1004	1260	551	212	156
1772	397	210	120	89.6	470	16300	55240	153400	107900	8304	4582
42.1	19.9	14.5	11.0	9.47	21.7	128	235	392	328	91.1	67.7
0.38	0.09	0.14	0.31	-0.09	0.91	0.03	1.09	0.28	1.97	1.04	0.96
0.37	0.23	0.19	0.17	0.16	0.32	0.54	0.23	0.31	0.60	0.43	0.43
2.92	2.28	1.92	1.65	1.53	1.74	6.09	25.8	32.4	14.2	5.46	4.00

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
2.03	1.94	1.87	1.80	1.77	1.81	2.31	2.99	3.08	2.68	2.29	2.16
0.03	0.01	0.01	0.01	0.01	0.02	0.07	0.01	0.02	0.05	0.03	0.03
0.17	0.10	0.09	0.07	0.07	0.13	0.27	0.09	0.14	0.23	0.18	0.18
-0.21	-0.11	-0.27	-0.12	-0.59	0.36	-0.39	0.89	-0.40	0.34	0.07	0.11
0.08	0.05	0.05	0.04	0.04	0.07	0.12	0.03	0.05	0.09	0.08	0.09
7.59	7.25	6.98	6.74	6.62	6.78	8.63	11.2	11.5	10.0	8.58	8.07

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
325	4966	70.5	0.81	0.22	-0.571

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.50	0.01	0.09	0.37	0.04	-0.565

09112500 EAST RIVER AT ALMONT, COLO.

LOCATION.--Lat 38°39'52", long 106°50'50", in NW¼SE¼ sec.22, T.51 N., R.1 E., Gunnison County, on left bank at Almont, 200 ft (61 m) upstream from bridge on State Highway 135, and 400 ft (120 m) upstream from confluence with Taylor River.

DRAINAGE AREA.--289 mi² (749 km²).

REMARKS.--Diversions for irrigation of about 7,400 acres (29.9 km²) above station.

GUNNISON RIVER BASIN

09112500 EAST RIVER AT ALMONT, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE IN CUBIC FEET PER SECOND
MEAN
EAST RIVER AT ALMONT 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																																					
1911					5	1	49	42	28	26	15	16	9	24	13	11	5	20	5	4	5	7	7	7	20	8	11	9	5	12	1							
1912								43	13	38	3	7	51	20	39	9	16	9	14	13	6	8	9	5	17	10	10	10	7	2	3	4						
1913		2	23	1	5			15	125	22	5	8	18	12	32	2	1	1	1	4	10	20	7	2	11	22	15	1										
1914										59	63	39		29	13	3	40	19	9	4	2	6	2	2	5	21	5	12	7	15	7	3						
1915										59	31			38	40	40	5	29	20	15	16	3	14	17	12	11	9	5	1									
1916						60	31	30			31	31		14	2	24	10	13	2	3	12	17	6	25	11	6	16	8	7	3	4							
1917						2	34	28	45	1	18	35	8	45	8	23	13	5	12	5	3	16	7	14	7	9	5	1	6	5	7	3						
1918						1	5	73	36	1	56	19	23	16	10	23	7	7	9	3	5	8	6	5	5	8	19	3	6	5	2							
1919						2	12	34	36	28	11	24	59	38	8	6	14	7	5	5	2	3	28	17	11	3	2	10										
1920						2	38	93	7	55	34	5	7	4	10	8	1	7	1	11	10	4	8	7	3	3	9	15	14	6	4							
1921							15	27	61	49	38	10	1	40				32					31		31					30								
1935			28			38	33	65	25	9	4	11	13	13	19	20	5	4	3	7	13	8	8	4	9	9	4	6	3									
1936				1	18	16	57	32	26	15	40	17	13	5	7	10	14	9	7	3	2	2	5	11	7	15	8	13	13									
1937						8	76	61	23	43	12	8	18	11	11	6	5	7	8	4	11	5	12	9	6	5	11	5										
1938							15	40	42	49	45	14	21	10	5	8	13	12	6	7	10	5	9	13	8	9	9	8	7									
1939							6	59	37	27	31	44	32	18	9	15	10	4	9	8	3	2	8	7	18	12	6											
1940		6	30	10	19	10	31	9	37	38	42	36	11	9	2	3	6	1	5	4	12	12	8	12	11	2												
1941						2	23	58	49	30	25	33	15	9	5	14	11	2	7	6	3	5	15	5	6	12	9	13	4	2	2							
1942						5	25	46	38	19	28	6	15	28	15	29	8	8	8	11	7	18	9	3	6	5	9	15	3	1								
1943							13	49	70	43	16	9	3	7	6	16	24	10	5	6	7	9	7	9	15	21	9	10	1									
1944							12	52	49	38	41	34	15	17	9	6	9	4	6	3	4	3	4	9	17	12	16	2										
1945						1	12	112	24	34	36	13	6	10	10	5	5	5	4	9	9	7	5	10	19	19	14	8	2									
1946							9	61	49	32	33	42	6	14	17	5	6	3	7	9	11	12	12	9	13	2	1	12										
1947						1	28	48	34	39	25	13	16	20	10	4	9	16	12	6	3	4	2	4	20	14	22	12	3									
1948							15	56	52	27	35	20	35	6	3	13	12	9	5	4	7	10	7	11	4	4	4	17	6	3	1							
1949							63	71	30	21	32	11	9	4	7	11	8	4	7	5	8	16	13	15	10	4	7	5	3	1								
1950							55	18	72	30	46	17	11	10	4	7	2	7	3	10	13	10	10	6	13	13	8											
1951							5	49	120	19	15	11	4	8	6	13	6	16	7	6	10	6	10	9	16	6	6	9	3	5								
1952							22	70	33	28	15	22	12	13	9	6	7	11	8	10	13	4	6	5	12	11	7	12	9	8	4	8	1					
1953							2	72	58	45	34	21	2	12	10	12	10	6	10	13	11	5	6	2	7	7	5	9	3	2	1							
1954							37	59	52	39	30	14	9	17	17	11	12	4	15	20	7	8	3	7	4													
1955							6	28	67	34	25	21	17	12	20	13	13	11	10	12	4	11	20	13	10	11	6	1										
1956							1	36	61	62	45	20	10	23	12	5	7	3	4	2	6	8	8	8	8	4	5	13	10	5								
1957							1	5	73	53	34	11	15	5	2	9	17	10	2	6	9	3	11	9	8	8	7	9	10	7	11	9	11	5				
1958								25	88	20	20	42	26	24	13	13	9	11	8	4	4	5	1	3	9	8	5	5	8	7	7							
1959							7	88	50	24	25	21	20	11	9	12	15	13	6	9	10	6	4	4	7	9	4	11										
1960							3	38	47	46	22	10	17	9	37	20	11	7	8	14	14	10	12	9	5	10	10	5	2									
1961							4	71	31	31	33	30	33	15	18	14	9	12	3	5	8	6	4	7	12	7	4	8										
1962								1	9	62	42	29	30	20	10	23	24	6	9	7	4	3	4	12	16	12	9	12	15	6								
1963							4	3	61	34	39	41	26	34	12	17	8	17	10	5	5	10	7	4	3	10	8	7										
1964							1	19	95	35	27	23	11	26	9	9	16	14	3	8	5	4	4	6	11	12	8	2	8	1								
1965								30	57	62	34	14	3	1	1	4	27	11	11	8	3	1	13	10	10	13	6	10	22	9	4							
1966								1	22	42	46	24	41	26	17	28	13	19	9	6	9	9	7	17	13	11	3	2										
1967								1	42	66	40	17	6	18	29	10	14	20	16	11	7	8	9	4	9	7	12	7	9	3								
1968								1	54	49	35	42	16	25	15	7	1	8	10	9	16	13	15	7	3	7	7	5	11	4	6							
1969								10	47	38	41	19	27	15	25	10	7	17	7	8	7	3	8	8	17	15	8	10	3									
1970								12	73	34	19	22	15	32	27	14	22	8	7	6	3	3	3	3	8	10	5	7	22	7	6							
1971								2	19	20	31	39	31	18	41	18	21	10	5	9	9	12	15	15	12	11	10	5	5	7								
1972								15	71	37	24	49	31	11	21	15	12	7	12	9	6	4	5	9	7	4	8											
1973								1	6	58	47	26	15	33	24	17	8	10	15	7	9	9	4	5	4	13	14	16	9	8	5	2						
1974								25	37	74	44	34	13	3	14	11	7	19	7	6	3	2	3	8	6	16	18	7	8									
1975								2	18	44	48	20	33	13	28	23	5	7	5	9	10	5	8	5	4	7	2	7	18	10	16	11						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0														

09112500 EAST RIVER AT ALMONT, 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
EAST RIVER AT ALMONT CO.

YEAR	1	3	7	15	30	60	90	120	183
1911	2540.0 16	2480.0 14	2440.0 13	2290.0 11	1950.0 13	1560.0 11	1290.0 11	1050.0 11	746.0 11
1912	3160.0 7	3120.0 7	2920.0 6	2350.0 8	1910.0 14	1560.0 12	1260.0 13	1030.0 13	736.0 13
1913	1520.0 43	1430.0 45	1400.0 42	1320.0 41	1290.0 35	1120.0 34	928.0 30	730.0 33	501.0 36
1914	3340.0 6	3220.0 6	2830.0 8	2490.0 7	2360.0 5	1920.0 5	1570.0 4	1250.0 6	901.0 5
1915	1530.0 42	1420.0 46	1350.0 46	1230.0 44	1090.0 44	911.0 44	769.0 41	651.0 40	489.0 39
1916	3060.0 8	3010.0 8	2870.0 7	2510.0 6	2100.0 8	1740.0 7	1470.0 7	1260.0 5	916.0 3
1917	3540.0 4	3480.0 4	3220.0 4	3000.0 4	2410.0 4	1740.0 8	1400.0 8	1140.0 8	800.0 8
1918	5000.0 1	5000.0 1	4350.0 1	3560.0 1	2610.0 3	1990.0 3	1520.0 5	1200.0 7	850.0 7
1919	1710.0 37	1670.0 37	1600.0 37	1500.0 32	1180.0 40	982.0 39	827.0 39	681.0 39	492.0 38
1920	3870.0 2	3650.0 3	3270.0 3	3230.0 2	2900.0 1	2330.0 2	1820.0 2	1450.0 2	1000.0 2
1921	2100.0 25	2100.0 23	2100.0 21	2100.0 15	2100.0 9	1570.0 10	1280.0 12	1050.0 12	743.0 12
1935	2570.0 14	2550.0 12	2470.0 11	2150.0 14	1820.0 16	1370.0 19	1070.0 20	868.0 21	624.0 19
1936	2440.0 18	2380.0 18	2300.0 14	2180.0 12	2010.0 12	1670.0 9	1330.0 9	1070.0 10	747.0 10
1937	2060.0 29	2020.0 25	1870.0 25	1710.0 23	1490.0 26	1130.0 32	890.0 36	716.0 36	506.0 35
1938	2450.0 17	2410.0 17	2270.0 15	2090.0 16	1830.0 15	1400.0 18	1160.0 17	950.0 15	672.0 17
1939	1450.0 47	1380.0 47	1290.0 47	1220.0 47	1140.0 43	938.0 42	727.0 43	584.0 45	427.0 44
1940	1130.0 51	1090.0 51	1030.0 51	917.0 51	890.0 49	702.0 50	550.0 50	437.0 50	317.0 50
1941	2730.0 10	2550.0 13	2190.0 18	1760.0 22	1600.0 21	1350.0 20	1070.0 21	859.0 22	601.0 24
1942	2130.0 24	1860.0 30	1720.0 31	1620.0 29	1560.0 23	1170.0 28	929.0 29	769.0 30	546.0 30
1943	2090.0 26	1730.0 36	1660.0 35	1410.0 38	1280.0 36	1140.0 31	1020.0 25	836.0 25	613.0 22
1944	1900.0 33	1840.0 31	1650.0 36	1490.0 33	1460.0 30	1320.0 22	1020.0 26	810.0 28	565.0 29
1945	1700.0 38	1570.0 41	1400.0 43	1360.0 40	1180.0 41	1060.0 38	905.0 33	754.0 31	532.0 32
1946	1780.0 36	1740.0 34	1690.0 33	1590.0 30	1170.0 42	944.0 41	796.0 40	649.0 41	461.0 41
1947	1930.0 31	1790.0 33	1730.0 30	1460.0 36	1380.0 32	1330.0 21	1160.0 18	947.0 16	673.0 16
1948	2920.0 9	2680.0 9	2470.0 12	2170.0 13	2080.0 10	1550.0 13	1210.0 14	976.0 14	676.0 15
1949	2570.0 15	2440.0 15	2190.0 19	1950.0 18	1580.0 22	1250.0 24	1040.0 23	856.0 23	600.0 25
1950	1660.0 39	1620.0 38	1540.0 39	1480.0 34	1350.0 33	1110.0 35	924.0 31	747.0 32	528.0 33
1951	2360.0 21	2280.0 21	2090.0 22	1780.0 21	1490.0 27	1250.0 25	993.0 27	823.0 27	581.0 28
1952	3410.0 5	3300.0 5	3200.0 5	2940.0 5	2350.0 6	1940.0 4	1570.0 3	1290.0 3	903.0 4
1953	2620.0 12	2420.0 16	2070.0 23	1680.0 26	1540.0 24	1080.0 37	838.0 38	686.0 38	480.0 40
1954	1070.0 52	1060.0 52	958.0 52	845.0 52	679.0 52	520.0 52	448.0 52	380.0 52	281.0 52
1955	1330.0 48	1220.0 50	1190.0 49	1050.0 48	888.0 50	789.0 48	665.0 46	565.0 46	405.0 46
1956	2070.0 27	1970.0 27	1830.0 27	1670.0 27	1510.0 25	1150.0 29	899.0 34	711.0 37	497.0 37
1957	3820.0 3	3670.0 2	3470.0 2	3140.0 3	2830.0 2	2360.0 1	1880.0 1	1560.0 1	1080.0 1
1958	2610.0 13	2560.0 11	2540.0 9	2330.0 9	2040.0 11	1510.0 16	1120.0 19	888.0 19	621.0 20
1959	1480.0 46	1460.0 43	1400.0 44	1310.0 42	1080.0 45	800.0 46	618.0 48	512.0 48	367.0 48
1960	1500.0 44	1490.0 42	1420.0 41	1230.0 45	1070.0 46	852.0 45	711.0 45	596.0 43	426.0 45
1961	1480.0 45	1430.0 44	1380.0 45	1230.0 46	1070.0 47	799.0 47	607.0 49	490.0 49	361.0 49
1962	2400.0 19	2340.0 19	2210.0 17	1800.0 20	1700.0 18	1520.0 14	1330.0 10	1080.0 9	752.0 9
1963	1290.0 50	1290.0 48	1200.0 48	1050.0 49	928.0 48	666.0 51	518.0 51	425.0 51	314.0 51
1964	1800.0 35	1730.0 35	1680.0 34	1410.0 37	1230.0 39	968.0 40	739.0 42	603.0 42	427.0 42
1965	2660.0 11	2590.0 10	2520.0 10	2300.0 10	2100.0 7	1790.0 6	1520.0 6	1260.0 4	894.0 6
1966	1320.0 49	1290.0 49	1180.0 50	944.0 50	885.0 51	782.0 49	639.0 47	531.0 47	387.0 47
1967	1980.0 30	1890.0 28	1700.0 32	1370.0 39	1290.0 34	1110.0 36	863.0 37	719.0 35	533.0 31
1968	2380.0 20	2290.0 20	2230.0 16	1860.0 19	1700.0 19	1250.0 26	983.0 28	831.0 26	590.0 26
1969	1870.0 34	1810.0 32	1750.0 29	1640.0 28	1470.0 28	1190.0 27	1030.0 24	854.0 24	617.0 21
1970	2280.0 22	2190.0 22	2140.0 20	2020.0 17	1780.0 17	1520.0 15	1170.0 15	935.0 18	678.0 14
1971	1900.0 32	1890.0 29	1850.0 26	1690.0 24	1420.0 31	1120.0 33	922.0 32	797.0 29	585.0 27
1972	1630.0 40	1600.0 39	1560.0 38	1480.0 35	1250.0 38	922.0 43	720.0 44	591.0 44	427.0 43
1973	2250.0 23	2080.0 24	1970.0 24	1570.0 31	1470.0 29	1290.0 23	1060.0 22	869.0 20	608.0 23
1974	1600.0 41	1590.0 40	1480.0 40	1300.0 43	1280.0 37	1140.0 30	892.0 35	723.0 34	510.0 34
1975	2070.0 28	1980.0 26	1770.0 28	1680.0 25	1620.0 20	1440.0 17	1170.0 16	945.0 17	654.0 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
EAST RIVER AT ALMONT CO.

YEAR	1	3	7	14	30	60	90	120	183
1912	55.00 43	55.00 41	56.00 39	57.00 37	59.00 38	62.00 38	69.00 42	82.00 48	123.00 49
1913	45.00 24	45.00 20	45.00 15	49.00 19	52.00 19	53.00 12	55.00 11	55.00 8	73.00 21
1914	19.00 1	20.00 1	21.00 1	22.00 1	24.00 2	50.00 8	76.00 50	84.00 49	86.00 37
1915	70.00 51	70.00 51	70.00 50	70.00 50	70.00 49	70.00 48	73.00 46	88.00 50	131.00 51
1916	55.00 44	55.00 42	55.00 37	55.00 34	55.00 28	56.00 23	59.00 25	63.00 29	81.00 32
1917	47.00 28	50.00 30	53.00 31	53.00 29	53.00 23	59.00 30	64.00 34	73.00 41	110.00 48
1918	47.00 29	53.00 36	60.00 47	62.00 48	64.00 47	66.00 44	67.00 40	71.00 38	83.00 33
1919	39.00 11	41.00 9	45.00 16	47.00 13	53.00 24	57.00 28	59.00 26	66.00 34	88.00 38
1920	60.00 48	60.00 48	63.00 49	68.00 49	71.00 50	72.00 50	73.00 47	76.00 42	88.00 39

09112500 EAST RIVER AT ALMONT, 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
EAST RIVER AT ALMONT CO.

YEAR	1	3	7	14	30	60	90	120	183
1921	60.00 49	60.00 49	60.00 48	61.00 45	63.00 46	70.00 49	74.00 48	78.00 45	85.00 34
1922	58.00 45	58.00 45	58.00 43	59.00 41	62.00 44	63.00 39	64.00 35	65.00 32	75.00 27
1936	36.00 8	37.00 6	39.00 5	41.00 4	42.00 4	49.00 6	53.00 8	57.00 10	72.00 19
1937	48.00 30	53.00 37	54.00 34	54.00 30	56.00 33	59.00 31	60.00 27	59.00 13	68.00 14
1938	49.00 35	50.00 31	57.00 40	59.00 42	61.00 41	67.00 46	72.00 44	77.00 43	88.00 40
1939	46.00 25	47.00 21	50.00 27	51.00 24	54.00 25	56.00 24	58.00 20	62.00 23	78.00 30
1940	20.00 2	20.00 2	21.00 2	22.00 2	22.00 1	26.00 1	32.00 1	38.00 1	55.00 1
1941	24.00 3	27.00 3	44.00 11	48.00 16	49.00 13	53.00 13	55.00 12	57.00 11	68.00 15
1942	41.00 13	43.00 12	44.00 12	45.00 10	50.00 16	56.00 25	55.00 13	61.00 20	94.00 44
1943	48.00 31	48.00 26	49.00 20	50.00 20	55.00 29	60.00 35	64.00 36	62.00 24	65.00 10
1944	44.00 21	48.00 27	49.00 21	52.00 26	54.00 26	59.00 32	59.00 21	62.00 25	75.00 28
1945	42.00 16	47.00 22	49.00 22	50.00 21	52.00 20	54.00 18	56.00 16	56.00 9	66.00 11
1946	48.00 32	49.00 28	50.00 28	52.00 27	55.00 30	55.00 20	57.00 17	62.00 26	74.00 22
1947	43.00 17	44.00 15	46.00 17	47.00 14	49.00 14	53.00 14	55.00 14	59.00 14	73.00 20
1948	58.00 46	59.00 46	60.00 44	61.00 46	61.00 42	65.00 42	72.00 45	78.00 44	95.00 45
1949	54.00 42	55.00 43	56.00 38	57.00 38	58.00 36	59.00 33	60.00 28	61.00 21	74.00 23
1950	52.00 40	53.00 38	54.00 35	55.00 35	56.00 34	58.00 29	64.00 37	67.00 35	78.00 29
1951	46.00 26	51.00 32	55.00 36	57.00 36	59.00 37	60.00 34	61.00 32	63.00 27	68.00 12
1952	44.00 22	45.00 16	49.00 23	52.00 28	53.00 21	54.00 19	56.00 15	60.00 15	71.00 16
1953	48.00 33	50.00 29	53.00 32	54.00 31	55.00 31	56.00 21	60.00 29	64.00 30	75.00 24
1954	45.00 23	45.00 17	45.00 13	49.00 17	51.00 17	53.00 15	54.00 9	58.00 12	68.00 13
1955	39.00 9	41.00 10	43.00 7	44.00 7	48.00 9	51.00 9	55.00 10	60.00 16	80.00 31
1956	41.00 14	45.00 18	46.00 18	46.00 11	48.00 10	54.00 16	57.00 18	61.00 17	64.00 7
1957	35.00 6	38.00 7	43.00 8	47.00 15	48.00 11	49.00 7	50.00 6	51.00 5	60.00 5
1958	48.00 34	51.00 33	52.00 29	59.00 39	61.00 43	63.00 40	64.00 38	68.00 36	85.00 35
1959	39.00 10	43.00 13	44.00 9	44.00 9	46.00 7	47.00 4	48.00 4	50.00 4	59.00 4
1960	43.00 18	47.00 23	49.00 24	51.00 25	52.00 18	57.00 26	59.00 22	61.00 18	89.00 42
1961	40.00 12	42.00 11	44.00 10	44.00 9	45.00 6	48.00 5	49.00 5	52.00 6	64.00 8
1962	60.00 50	65.00 50	75.00 51	79.00 51	81.00 51	85.00 51	85.00 51	92.00 51	129.00 50
1963	32.00 5	34.00 5	38.00 4	43.00 5	48.00 8	51.00 10	51.00 7	53.00 7	63.00 6
1964	36.00 7	41.00 8	42.00 6	43.00 6	44.00 5	45.00 3	47.00 3	48.00 3	55.00 2
1965	42.00 15	44.00 14	45.00 14	46.00 12	49.00 12	53.00 11	59.00 23	61.00 19	65.00 9
1966	50.00 36	53.00 39	57.00 41	60.00 43	63.00 45	66.00 45	71.00 43	79.00 46	106.00 47
1967	50.00 37	53.00 40	58.00 42	59.00 40	60.00 39	61.00 36	63.00 33	68.00 37	71.00 17
1968	51.00 38	52.00 34	54.00 33	54.00 32	56.00 32	61.00 37	60.00 30	65.00 33	75.00 25
1969	46.00 27	47.00 24	49.00 25	50.00 22	54.00 27	57.00 27	60.00 31	64.00 31	75.00 26
1970	53.00 41	56.00 44	60.00 45	62.00 47	66.00 48	69.00 47	69.00 41	72.00 39	93.00 43
1971	51.00 39	52.00 35	53.00 30	54.00 33	58.00 35	65.00 43	74.00 49	80.00 47	102.00 46
1972	58.00 47	59.00 47	60.00 46	60.00 44	61.00 40	64.00 41	67.00 39	72.00 40	85.00 36
1973	43.00 19	47.00 25	50.00 26	51.00 23	53.00 22	56.00 22	59.00 24	63.00 28	88.00 41
1974	44.00 20	45.00 19	47.00 19	49.00 18	50.00 15	54.00 17	58.00 19	62.00 22	71.00 18
1975	29.00 4	30.00 4	32.00 3	34.00 3	36.00 3	38.00 2	41.00 2	45.00 2	58.00 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,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
119	96.1	73.6	61.8	58.8	66.5	253	1048	1385	556	232	128
2455	492	244	144	113	351	15750	108200	298500	123100	10600	2821
49.5	22.2	15.6	12.0	10.6	18.7	125	329	546	351	103	53.1
1.58	1.13	1.01	-0.15	-0.20	1.67	0.98	0.70	0.59	1.84	1.33	0.94
0.42	0.23	0.21	0.19	0.18	0.28	0.50	0.31	0.39	0.63	0.44	0.42
2.91	2.36	1.80	1.52	1.44	1.63	6.22	25.7	34.0	13.6	5.69	3.13

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,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.04	1.97	1.86	1.78	1.76	1.81	2.35	3.00	3.11	2.67	2.32	2.07
0.03	0.01	0.01	0.01	0.01	0.01	0.05	0.02	0.03	0.07	0.04	0.03
0.16	0.09	0.09	0.09	0.09	0.11	0.22	0.13	0.18	0.26	0.21	0.17
0.61	0.67	0.37	-1.30	-1.33	1.03	-0.10	0.14	-0.54	-0.06	-1.39	0.20
0.08	0.05	0.05	0.05	0.05	0.06	0.09	0.04	0.06	0.10	0.09	0.08
7.64	7.37	6.95	6.66	6.59	6.76	8.79	11.2	11.6	9.98	8.68	7.74

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
341	8710	93.3	0.49	0.27	0.033

09112500 EAST RIVER AT ALMONT, COLO.--Continued

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN 2.52	VARIANCE 0.01	STANDARD DEVIATION 0.12	SKEWNESS -0.17	COEFF. OF VARIATION 0.05	SERIAL CORR 0.082
--------------	------------------	----------------------------	-------------------	-----------------------------	----------------------

09113000 CASTLE CREEK NEAR BALDWIN, COLO.

LOCATION.--Lat 38°45'59", long 107°06'03", Gunnison County, 2.5 mi (4.0 km) upstream from mouth, 1.4 mi (2.3 km) downstream from confluence of North and South Castle Creeks, and 3.0 mi (4.8 km) west of Baldwin.

DRAINAGE AREA.--20.3 mi² (52.6 km²).

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

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CASTLE CREEK NEAR BALDWIN, COLO.

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	
1945					31	59	31	22	22	13	3	37	14	4	3	5	3	6	3	6	5	6	7	10	15	11	9	7	16	10	5	2				
1946					29	54	29	22	18	14	7	18	44	12	5	6	2	7	4	4	9	13	17	8	11	10	4	3	3	9	1	2				
1947					59	88	4	21	4	8	9	6	4	4	9	11	16	11	9	7	9	4	6	9	13	6	7	14	12	10	3	1	1			
1948					2	2	47	70	27	24	14	11	16	8	8	16	7	9	5	5	7	6	9	8	8	9	2	9	1	2	5	13	14	2		
1949		2	3	30	97	22	22	12	5	11	14	6	9	4	7	2	2	5	8	6	6	6	9	12	8	9	7	4	6	7	4	6	1			
1950		1	29	129		6	8	16	18	23	8	6	6	3	7	6	11	5	5	5	5	5	5	2	2	9	9	7	14	9	8	3				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2191	100.0	12	12.0	95	930	42.4	24	65	54	393	17.9
1	2.60	2	2191	100.0	13	14.0	38	835	38.1	25	75	64	339	15.4
2	3.00	4	2189	99.9	14	16.0	30	797	36.4	26	86	38	275	12.5
3	3.40	59	2185	99.7	15	18.0	50	767	35.0	27	99	42	237	10.8
4	4.00	288	2126	97.0	16	21.0	31	717	32.7	28	110	55	195	8.9
5	4.60	196	1838	83.9	17	24.0	51	686	31.3	29	130	46	140	6.3
6	5.20	223	1642	74.9	18	28.0	33	635	29.0	30	150	35	94	4.2
7	6.00	138	1419	64.8	19	32.0	37	602	27.5	31	170	30	59	2.6
8	6.90	109	1281	58.5	20	37.0	39	566	25.8	32	200	19	29	1.3
9	8.00	84	1172	53.5	21	43.0	45	526	24.0	33	230	9	10	.4
10	9.20	69	1088	49.7	22	49.0	48	481	22.0	34	270	1	1	
11	11.00	89	1019	46.5	23	57.0	40	433	19.8					

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

YEAR	1	3	7	15	30	60	90	120	183
1945	178.0 6	168.0 6	159.0 5	153.0 3	136.0 5	112.0 5	97.0 4	82.0 4	58.0 4
1946	194.0 4	173.0 4	153.0 6	143.0 6	113.0 6	85.0 6	74.0 6	62.0 6	44.0 6
1947	238.0 3	199.0 3	160.0 4	153.0 4	141.0 4	121.0 3	107.0 3	89.0 3	65.0 3
1948	245.0 2	234.0 2	221.0 2	210.0 2	196.0 1	150.0 1	119.0 1	96.0 1	67.0 1
1949	300.0 1	274.0 1	250.0 1	224.0 1	188.0 2	140.0 2	115.0 2	94.0 2	65.0 2
1950	178.0 5	170.0 5	166.0 3	152.0 5	141.0 3	118.0 4	92.0 5	74.0 5	52.0 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
CASTLE CREEK NEAR BALDWIN, COLO.

YEAR	1	3	7	14	30	60	90	120	183
1946	4.00 3	4.00 3	4.10 3	4.30 3	4.50 3	4.60 3	4.70 3	5.00 3	6.80 4
1947	4.60 5	4.60 4	4.60 4	4.60 4	4.60 4	4.70 4	4.90 4	5.10 4	5.70 3
1948	4.50 4	4.60 5	5.00 5	5.20 5	5.60 5	5.80 5	5.80 5	6.00 5	7.80 5
1949	3.80 2	3.80 2	3.80 2	3.80 2	3.80 1	3.90 1	4.00 1	4.20 2	5.00 2
1950	2.60 1	2.80 1	3.10 1	3.70 1	3.80 2	4.00 2	4.00 2	4.10 1	4.50 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)	9.44	6.58	5.14	4.63	4.69	5.10	18.8	85.9	139	71.3	24.2	11.7
	8.24	2.89	0.82	0.32	0.81	0.49	64.7	663	487	473	88.6	31.3
	2.87	1.70	0.90	0.56	0.90	0.70	8.05	25.7	22.1	21.8	9.41	5.59
	0.94	0.16	0.63	1.04	0.91	-0.55	1.84	1.15	0.43	-0.50	0.38	1.81
	0.30	0.26	0.18	0.12	0.19	0.14	0.43	0.30	0.16	0.30	0.39	0.48
	2.44	1.70	1.33	1.20	1.21	1.32	4.87	22.2	39.9	18.5	6.25	3.03

09113000 CASTLE CREEK NEAR BALDWIN, 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)											
0.96	0.81	0.71	0.66	0.66	0.70	1.25	1.92	2.14	1.83	1.35	1.04
0.02	0.01	0.01	0.00	0.01	0.00	0.03	0.02	0.00	0.02	0.03	0.03
0.13	0.11	0.08	0.05	0.08	0.06	0.16	0.12	0.07	0.15	0.17	0.18
0.67	-0.10	0.24	0.80	0.54	-0.63	1.04	0.69	0.19	-0.89	-0.05	1.32
0.13	0.14	0.11	0.08	0.12	0.09	0.13	0.06	0.03	0.08	0.13	0.17
6.84	5.74	5.03	4.72	4.74	5.02	8.89	13.7	15.2	13.1	9.66	7.38

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
32.3	21.2	4.60	-0.57	0.14	-0.002

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.51	0.00	0.06	-0.72	0.04	-0.041

09113300 OHIO CREEK AT BALDWIN, COLO.

LOCATION.--Lat 38°45'56", long 107°03'28", in SE&NE¼ sec.12, T.15 S., R.87 W., Gunnison County, on left bank 0.2 mi (0.3 km) downstream from Castle Creek and 0.8 mi (1.3 km) northwest of Baldwin.

DRAINAGE AREA.--47.2 mi² (122.2 km²).

REMARKS.--Diversions above station for irrigation of about 580 acres (2.35 km²) of hay meadows. Two diversions above station for irrigation of about 1,000 acres (4.05 km²) below station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
OHIO CREEK AT BLADWIN, 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																																						
1959			2	5	6	5	26	57	60	59	12	15	15	9	7	7	6	2	4	5	4	3	4	7	6	8	12	8	7	4								
1960					1	16	58	41	38	23	16	25	19	12	13	4	2	2	9	10	4	3	11	13	5	8	15	8	7	3								
1961						1	57	92	12	35	20	25	17	9	5	10	8	4	9	2	4	4	3	7	7	6	12	6	9	1								
1962							2	17	40	63	38	37	17	12	11	5	9	8	8	6	2	2	2	3	1	11	10	20	24	7	2	3	3	2				
1963			4	73	33	14	36	27	23	14	19	17	7	9	4	11	13	4	6	7	6	4	9	8	4	5	1											
1964						7	89	72	35	24	9	8	6	5	11	16	8	8	3	3	2	4	5	3	7	4	7	8	7	3	3	4	4	1				
1965							100	81	7	9	2	1	1		3	6	16	7	9	14	3	2	4	7	3	9	10	6	13	10	17	6	12	7				
1966			11	8	1	3	30	43	46	61	21	13	13	5	5	8	3	1	11	4	13	18	13	7	16	6	3	2										
1967				2	2	22	54	20	31	24	13	16	18	12	13	13	12	9	13	17	13	6	4	10	4	6	10	8	9	4								
1968				1	1	13	18	18	4	6	4	19	9	26	5	10	8	6	3	7	5	11	8	12	4	7	2	5	4	2	7	9	6	7				
1969				9	81	19	16	19	29	10	8	11	18	16	15	8	3	2	8	6	7	2	5	8	12	8	9	7	12	8	8	1						
1970					2	19	52	33	31	18	19	9	43	17	11	9	7	8	7	7	2	3	9	1	2	6	6	12	13	3	4	4	6	2				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4383	100.0	12	19.0	141	1786	40.7	24	110	56	622	14.1
1	3.70	4	4383	100.0	13	22.0	174	1645	37.5	25	120	87	566	12.9
2	4.40	75	4379	99.9	14	25.0	115	1471	33.6	26	140	101	479	10.9
3	5.10	51	4304	98.2	15	29.0	105	1356	30.9	27	170	76	378	8.6
4	5.90	48	4253	97.0	16	34.0	107	1251	28.5	28	190	93	302	6.8
5	6.80	266	4205	95.9	17	39.0	50	1144	26.1	29	220	76	209	4.7
6	7.90	575	3939	89.9	18	45.0	75	1094	25.0	30	260	46	133	3.0
7	9.10	482	3364	76.8	19	52.0	98	1019	23.2	31	300	33	87	1.9
8	11.00	325	2882	65.8	20	60.0	66	921	21.0	32	340	27	54	1.2
9	12.00	353	2557	58.3	21	70.0	62	855	19.5	33	400	23	27	.6
10	14.00	219	2204	50.3	22	80.0	71	793	18.1	34	460	4	4	
11	16.00	199	1985	45.3	23	93.0	100	722	16.5					

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

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
OHIO CREEK AT BLADWIN, CO.

YEAR	1	3	7	15	30	60	90	120	183
1959	232.0 8	226.0 7	210.0 8	180.0 10	162.0 10	142.0 8	108.0 9	86.0 9	61.0 9
1960	220.0 9	217.0 9	213.0 7	191.0 8	170.0 9	139.0 9	121.0 6	98.0 6	68.0 7
1961	220.0 10	207.0 10	206.0 10	197.0 7	171.0 7	135.0 10	102.0 11	80.0 11	60.0 10
1962	460.0 2	433.0 2	419.0 2	337.0 4	270.0 4	257.0 2	223.0 2	180.0 2	124.0 2
1963	143.0 12	136.0 12	129.0 12	114.0 12	101.0 12	75.0 12	60.0 12	48.0 12	36.0 12
1964	355.0 5	340.0 5	310.0 6	267.0 6	215.0 6	158.0 6	116.0 7	94.0 8	65.0 8
1965	434.0 3	429.0 3	412.0 4	383.0 2	330.0 1	293.0 1	253.0 1	209.0 1	148.0 1

09113300 OHIO CREEK AT BALDWIN, 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
OHIO CREEK AT BALDWIN, CO.

YEAR	1	3	7	15	30	60	90	120	183
1966	201.0 11	194.0 11	179.0 11	153.0 11	139.0 11	119.0 11	104.0 10	84.0 10	60.0 11
1967	245.0 7	219.0 8	208.0 9	185.0 9	170.0 8	143.0 7	116.0 8	97.0 7	72.0 6
1968	430.0 4	423.0 4	415.0 3	363.0 3	328.0 2	244.0 4	182.0 4	152.0 3	107.0 3
1969	348.0 6	332.0 6	315.0 5	305.0 5	260.0 5	215.0 5	177.0 5	144.0 5	103.0 5
1970	470.0 1	460.0 1	439.0 1	393.0 1	321.0 3	250.0 3	188.0 3	148.0 4	107.0 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
OHIO CREEK AT BALDWIN, CO.

YEAR	1	3	7	14	30	60	90	120	183
1960	4.70 2	5.20 4	5.60 4	6.10 3	7.90 6	8.80 7	9.30 7	9.70 8	13.00 8
1961	6.60 7	6.70 6	6.80 6	7.50 7	8.10 8	9.00 8	9.30 8	9.50 6	9.90 7
1962	7.80 10	8.40 10	9.00 10	11.00 11	11.00 11	11.00 10	12.00 11	12.00 10	15.00 10
1963	5.00 3	5.00 2	5.00 2	5.00 1	5.00 1	5.20 1	5.20 1	5.40 1	6.70 1
1964	3.80 1	3.90 1	4.90 1	6.40 4	7.00 4	7.20 3	7.70 3	7.90 3	8.40 2
1965	7.00 8	7.00 8	7.00 7	7.00 6	8.00 7	8.50 6	8.70 6	8.90 5	9.20 4
1966	10.00 11	10.00 11	10.00 11	10.00 10	10.00 10	11.00 11	11.00 10	12.00 11	15.00 11
1967	5.20 4	5.20 3	5.20 3	5.40 2	6.50 2	8.00 4	8.50 5	9.60 7	9.60 6
1968	6.50 6	6.80 7	7.40 8	7.70 8	7.90 5	8.10 5	8.20 4	8.30 4	8.90 3
1969	6.40 5	6.50 5	6.70 5	6.80 5	7.00 3	7.10 2	7.20 2	7.80 2	9.30 5
1970	7.00 9	7.50 9	7.80 9	8.30 9	9.00 9	9.40 9	9.90 9	10.00 9	14.00 9

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
14.8	12.4	10.2	9.18	8.88	10.8	49.2	180	169	57.3	27.2	19.7
42.9	14.8	4.99	3.73	3.10	17.6	891	4059	6595	2804	197	170
6.55	3.85	2.23	1.93	1.76	4.20	29.9	63.7	81.2	53.0	14.0	13.0
0.88	0.49	-0.45	-0.71	-0.07	2.41	0.43	0.53	0.48	2.19	1.53	0.97
0.44	0.31	0.22	0.21	0.20	0.39	0.61	0.35	0.48	0.92	0.52	0.66
2.61	2.17	1.79	1.61	1.56	1.90	8.64	31.7	29.7	10.1	4.78	3.47

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.14	1.07	1.00	0.95	0.94	1.01	1.61	2.23	2.17	1.62	1.39	1.21
0.03	0.02	0.01	0.01	0.01	0.02	0.08	0.02	0.06	0.14	0.04	0.08
0.18	0.13	0.11	0.10	0.09	0.14	0.29	0.15	0.25	0.37	0.19	0.28
0.65	0.14	-1.19	-1.35	-0.66	1.57	-0.15	0.18	-1.09	-0.13	0.90	0.30
0.16	0.13	0.11	0.11	0.10	0.13	0.18	0.07	0.11	0.23	0.14	0.23
6.95	6.57	6.10	5.83	5.75	6.19	9.84	13.7	13.3	9.89	8.51	7.41

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
47.6	281	16.8	0.46	0.35	-0.290

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
1.65	0.03	0.16	-0.32	0.10	-0.239

09113500 OHIO CREEK NEAR BALDWIN, COLO.

LOCATION.--Lat 38°42'08", long 106°59'52", in NE¼SE¼ sec.33, T.15 S., R.86 W., Gunnison County, on right bank 600 ft (180 m) upstream from bridge, 800 ft (240 m) downstream from Mill Creek, 5.5 mi (8.8 km) southeast of Baldwin, and 11 mi (18 km) upstream from mouth.

DRAINAGE AREA.--121 mi² (313 km²).

REMARKS.--Diversion for irrigation of 3,850 acres (15.6 km²) above station.

09113500 OHIO CREEK NEAR BALDWIN, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
OHIO CREEK NEAR BALDWIN, 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				59	64	12	30	17	18	29	10	8	1	15	6	2	2	7	3	6	5	6	8	5	7	7	18	8	4	3	3	2						
1942				7	44	33	35	21	22	33	21	10	13	10	6	6	3	10	4	9	14	7	5	7	9	6	12	11	5	2								
1943				43	64	11	51	13	7	10	5	4	2	1	7	17	14	4	7	9	11	7	7	4	28	12	7	3	9	8								
1944				10	58	58	43	26	27	6	4	6	12	12	13	5	7	3	5	4	2	4	2	7	10	11	10	8	4	6	3							
1945				2	51	20	44	32	28	20	20	8	3	3	7	6	8	4	10	9	9	4	11	7	4	19	16	12	4	4								
1946				8	57	41	38	24	43	19	7	3	9	13	11	11	6	4	2	6	8	15	7	6	22	4	1											
1947				10	33	26	25	34	36	7	8	7	17	11	10	9	14	11	7	6	11	8	4	1	9	22	6	16	9	1	3	4						
1948				10	84	43	29	18	16	24	9	14	8	8	8	8	8	3	3	10	5	7	5	4	6	4	7	12	9	3	2	4	3					
1949				3	46	112	48	12	3	10	8	7	6	7	1	4	2	6	6	4	7	5	20	18	16	4	8	2	2									
1950				3	25	74	84	27	21	11	12	2	1	3	6	4	2	2	7	5	10	12	5	13	12	20	4											
1959				6	3	2	37	94	41	20	25	12	7	14	8	12	6	1	9	6	2	4	7	15	3	10	11	7	3									
1960				5	3	12	45	52	38	12	17	11	11	13	24	10	7	3	3	5	7	1	13	13	13	6	12	17	7	6								
1961				3	19	65	77	24	22	17	24	10	13	3	9	5	6	3	7	3	5	7	9	7	11	7	9											
1962				2	40	86	29	17	19	18	12	18	7	5	9	7	2	2	4	2	2	4	2	2	4	14	14	23	13	5	2	3	4					
1963				3104	38	17	17	23	21	22	14	7	7	5	6	13	8	11	14	4	6	16	9															
1964				61	19	80	19	20	8	17	5	5	5	6	12	16	10	6	9	3	4	11	7	8	7	4	3	5	4									
1965				4148	11	22	11		1	1	1	3	12	11	8	12	9	2	4	4	7	4	11	8	10	14	18	6	14	8	1							
1966				11	9	17	27	55	34	42	29	21	13	9	3	2	5	11	9	16	13	18	10	4	4	3												
1967				13	21	37	68	17	4	17	19	18	8	13	11	13	24	19	4	11	7	4	7	8	11	9	2											
1968				6	54	89	23	19	17	9	7	4	9	12	13	6	8	3	18	10	8	5	9	3	6	6	9	5	8									
1969				6	46	45	27	29	23	24	10	9	6	14	9	4	7	12	6	7	3	12	9	6	9	12	12	15	3									
1970				7	3	17	52	28	23	23	30	38	13	16	10	12	5	5	2	3	11	6	1	2	10	14	8	4	6	7	3	6						
1971				1	23	52	30	27	16	29	37	16	7	6	5	6	13	3	9	11	6	11	17	20	8	11	1											

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	8400	100.0	12	37.0	302	3347	39.8	24	230	153	1145	13.6
1	6.80	11	8400	100.0	13	43.0	183	3045	36.3	25	260	269	992	11.8
2	8.00	70	8389	99.9	14	50.0	223	2862	34.1	26	310	197	723	8.6
3	9.40	152	8319	99.0	15	58.0	184	2639	31.4	27	360	207	526	6.2
4	11.00	424	8167	97.2	16	67.0	186	2455	29.2	28	420	124	319	3.7
5	13.00	714	7743	92.2	17	79.0	164	2269	27.0	29	490	76	195	2.3
6	15.00	752	7029	83.7	18	91.0	185	2105	25.1	30	570	62	119	1.4
7	17.00	1013	6277	74.7	19	110.0	85	1920	22.9	31	660	32	57	.6
8	20.00	740	5264	62.7	20	120.0	173	1835	21.8	32	770	18	25	.2
9	23.00	474	4524	53.9	21	140.0	192	1662	19.8	33	890	4	7	
10	27.00	422	4050	48.2	22	170.0	187	1470	17.5	34	1000	3	3	
11	32.00	281	3628	43.2	23	200.0	138	1283	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
OHIO CREEK NEAR BALOWIN, CO.

YEAR	1	3	7	15	30	60	90	120	183
1941	876.0 3	827.0 3	725.0 4	595.0 6	503.0 6	411.0 6	325.0 8	259.0 9	179.0 9
1942	631.0 11	596.0 11	547.0 11	485.0 11	443.0 11	346.0 12	284.0 11	234.0 12	163.0 13
1943	645.0 10	637.0 10	626.0 8	581.0 7	455.0 9	384.0 9	337.0 6	278.0 6	205.0 4
1944	844.0 4	785.0 5	650.0 7	623.0 5	568.0 3	461.0 4	352.0 5	281.0 4	194.0 6
1945	533.0 12	507.0 13	465.0 13	406.0 13	380.0 13	340.0 13	280.0 12	236.0 11	167.0 11
1946	368.0 20	344.0 20	305.0 21	293.0 21	244.0 21	237.0 16	193.0 17	160.0 17	114.0 18
1947	740.0 8	733.0 7	681.0 6	540.0 8	465.0 8	392.0 7	324.0 9	266.0 8	194.0 7
1948	1070.0 1	1040.0 1	980.0 1	814.0 1	693.0 1	521.0 1	404.0 2	321.0 2	220.0 2
1949	751.0 7	675.0 8	585.0 10	539.0 10	448.0 10	385.0 8	333.0 7	272.0 7	189.0 8
1950	430.0 16	426.0 15	409.0 16	378.0 14	369.0 14	320.0 14	274.0 14	220.0 14	153.0 15
1959	386.0 18	377.0 17	342.0 17	303.0 19	267.0 20	236.0 18	182.0 19	146.0 19	105.0 19
1960	418.0 17	371.0 18	341.0 18	300.0 20	269.0 18	237.0 17	220.0 16	182.0 16	127.0 16
1961	341.0 21	327.0 21	322.0 20	310.0 18	269.0 19	216.0 21	165.0 22	131.0 22	96.0 22
1962	826.0 5	803.0 4	780.0 3	632.0 4	530.0 5	437.0 5	391.0 3	313.0 3	216.0 3
1963	191.0 23	180.0 23	173.0 23	163.0 23	156.0 23	125.0 23	105.0 23	85.0 23	64.0 23
1964	439.0 14	430.0 14	416.0 14	363.0 16	297.0 16	221.0 20	173.0 20	143.0 20	102.0 20
1965	792.0 6	769.0 6	706.0 5	635.0 3	549.0 4	512.0 2	443.0 1	369.0 1	261.0 1
1966	327.0 22	321.0 22	295.0 22	257.0 22	223.0 22	191.0 22	165.0 21	136.0 21	97.0 21
1967	374.0 19	353.0 19	339.0 19	310.0 17	284.0 17	225.0 19	183.0 18	157.0 18	118.0 17
1968	656.0 9	654.0 9	625.0 9	540.0 9	473.0 7	359.0 11	276.0 13	232.0 13	166.0 12
1969	525.0 13	519.0 12	494.0 12	471.0 12	424.0 12	360.0 10	297.0 10	246.0 10	176.0 10
1970	888.0 2	857.0 2	827.0 2	727.0 2	605.0 2	462.0 3	353.0 4	279.0 5	200.0 5
1971	432.0 15	422.0 16	410.0 15	371.0 15	323.0 15	291.0 15	254.0 15	215.0 15	155.0 14

09113500 OHIO CREEK NEAR BALDWIN, 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
OHIO CREEK NEAR BALDWIN, CO.

YEAR	1	3	7	14	30	60	90	120	183
1941	10.00 5	11.00 9	12.00 13	12.00 9	12.00 6	12.00 3	12.00 3	13.00 4	15.00 5
1942	12.00 14	12.00 14	12.00 14	13.00 14	13.00 12	15.00 13	15.00 12	17.00 14	23.00 18
1943	11.00 12	11.00 10	11.00 8	12.00 10	12.00 7	13.00 8	13.00 4	14.00 6	15.00 6
1944	14.00 17	14.00 15	14.00 15	14.00 15	15.00 15	16.00 14	16.00 13	17.00 15	20.00 16
1945	10.00 6	11.00 11	11.00 9	11.00 7	12.00 8	12.00 4	13.00 5	14.00 7	16.00 7
1946	12.00 13	12.00 12	12.00 10	13.00 11	13.00 9	14.00 11	14.00 11	16.00 11	18.00 12
1947	10.00 7	10.00 5	10.00 4	10.00 5	11.00 4	12.00 5	13.00 6	14.00 8	16.00 8
1948	16.00 22	16.00 22	17.00 21	17.00 20	17.00 20	18.00 19	19.00 20	19.00 19	26.00 21
1949	15.00 20	15.00 19	16.00 19	17.00 21	18.00 21	19.00 22	19.00 21	20.00 20	20.00 13
1950	14.00 18	14.00 16	15.00 16	15.00 16	16.00 16	18.00 20	18.00 18	18.00 16	20.00 14
1960	7.70 2	7.70 2	7.80 2	9.50 3	12.00 5	13.00 9	13.00 7	14.00 9	20.00 15
1961	6.90 1	7.00 1	7.60 1	8.80 1	9.90 2	12.00 6	13.00 8	13.00 5	13.00 3
1962	16.00 21	16.00 20	16.00 20	16.00 17	16.00 17	17.00 17	17.00 16	18.00 17	23.00 17
1963	10.00 8	10.00 6	10.00 5	10.00 4	10.00 3	10.00 2	10.00 2	10.00 1	12.00 2
1964	8.60 3	8.80 3	9.00 3	9.00 2	9.00 1	9.00 1	9.70 1	10.00 2	11.00 1
1965	10.00 4	10.00 4	11.00 6	12.00 8	13.00 10	13.00 7	13.00 9	13.00 3	14.00 4
1966	14.00 19	16.00 21	18.00 22	18.00 22	19.00 22	19.00 21	21.00 22	23.00 22	28.00 22
1967	11.00 9	11.00 7	11.00 7	11.00 6	13.00 11	15.00 12	16.00 14	17.00 12	17.00 9
1968	13.00 15	14.00 17	15.00 17	16.00 18	16.00 18	16.00 15	16.00 15	17.00 13	18.00 10
1969	11.00 10	12.00 13	12.00 11	13.00 12	14.00 13	14.00 10	14.00 10	15.00 10	18.00 11
1970	11.00 11	11.00 8	12.00 12	13.00 13	15.00 14	16.00 16	18.00 17	19.00 18	24.00 19
1971	14.00 16	15.00 18	15.00 18	16.00 19	17.00 19	18.00 18	19.00 19	20.00 21	25.00 20

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
25.1	21.9	17.5	15.3	15.2	19.6	115	342	302	113	50.1	28.3
94.4	36.3	18.1	11.7	8.32	44.1	4289	16340	10890	4360	567	242
9.72	6.02	4.25	3.43	2.89	6.64	65.5	128	104	66.0	23.8	15.6
0.59	0.29	0.47	0.58	-0.19	1.44	1.14	0.55	0.02	1.75	1.05	1.40
0.39	0.28	0.24	0.22	0.19	0.34	0.57	0.37	0.34	0.58	0.48	0.55
2.36	2.06	1.64	1.43	1.42	1.84	10.8	32.1	28.4	10.6	4.70	2.66

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.37	1.32	1.23	1.17	1.17	1.27	1.99	2.50	2.45	1.98	1.66	1.40
0.03	0.02	0.01	0.01	0.01	0.02	0.06	0.03	0.03	0.07	0.04	0.05
0.17	0.12	0.11	0.10	0.09	0.14	0.24	0.16	0.18	0.27	0.19	0.21
0.11	-0.24	-0.21	0.19	-0.61	0.26	0.08	-0.03	-1.31	-0.67	0.31	0.45
0.12	0.09	0.09	0.08	0.07	0.11	0.12	0.07	0.07	0.13	0.12	0.15
7.01	6.78	6.30	6.01	6.00	6.51	10.2	12.8	12.5	10.2	8.48	7.16

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWEWNESS	COEFF. OF VARIATION	SERIAL CORR
89.0	637	25.2	-0.16	0.28	-0.063

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.93	0.02	0.14	-0.81	0.07	-0.008

09114000 OHIO CREEK NEAR GUNNISON, COLO.

LOCATION.--Lat 38°34'31", long 106°56'17", in SW¼SE¼ sec.23, T.50 N., R.1 W., Gunnison County, 0.5 mi (0.8 km) upstream from mouth and 2.1 mi (3.4 km) northwest of Gunnison.

DRAINAGE AREA.--167 mi² (433 km²).

REMARKS.--Diversions for irrigation of about 10,000 acres (40.5 km²) above station.

09114000 OHIO CREEK NEAR GUNNISON, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
OHIO CREEK NEAR GUNNISON, COLO.

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																																					
1945			3	29	33	48	20	16	13	28	25	12	2	3	6	3	10	7	9	3	12	19	8	12	11	14	11	3	5									
1946				13	35	43	41	68	27	8	4	11	12	11	13	2	6	5	8	13	11	6	15	7	5	1												
1947	13	24	12	6	35	25	44	12	5	10	10	8	13	7	6	8	11	19	6	8	10	2	10	16	7	12	12	5	2	3	4							
1948				2	44	55	32	23	21	13	5	11	20	11	3	12	16	12	2	4	10	4	3	6	4	4	6	11	14	8	1	4	4	1				
1949				19	49	69	36	22	23	5	6	4	3	4	1	5	6	6	4	4	10	4	8	18	23	15	5	7	5	2	2							
1950	1	28	35	50	25	38	13	20	9	7	16	6	8	4	6	5	5	5	5	16	9	13	13	20	8													

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2191	100.0	12	51.0	52	879	40.1	24	240	71	299	13.6
1	12.00	13	2191	100.0	13	58.0	57	827	37.7	25	280	73	228	10.4
2	14.00	28	2178	99.4	14	66.0	47	770	35.1	26	320	50	155	7.0
3	16.00	69	2150	98.1	15	75.0	30	723	33.0	27	360	27	105	4.7
4	18.00	108	2081	95.0	16	85.0	43	693	31.6	28	410	28	78	3.5
5	20.00	261	1973	90.1	17	97.0	51	650	29.7	29	470	21	50	2.2
6	23.00	237	1712	78.1	18	110.0	56	599	27.3	30	530	11	29	1.3
7	26.00	207	1475	67.3	19	130.0	28	543	24.8	31	610	7	18	.8
8	30.00	151	1268	57.9	20	140.0	46	515	23.5	32	690	6	11	.5
9	34.00	124	1117	51.0	21	160.0	76	469	21.4	33	790	4	5	.2
10	39.00	70	993	45.3	22	190.0	33	393	17.9	34	900	1	1	
11	44.00	44	923	42.1	23	210.0	61	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
OHIO CREEK NEAR GUNNISON, COLO.

YEAR	1	3	7	15	30	60	90	120	183
1945	463.0 4	445.0 4	417.0 4	375.0 4	333.0 4	284.0 4	242.0 4	218.0 4	161.0 4
1946	394.0 5	329.0 6	275.0 6	246.0 6	213.0 6	200.0 6	167.0 6	143.0 6	107.0 6
1947	668.0 3	663.0 3	618.0 2	506.0 3	423.0 3	363.0 3	307.0 3	262.0 3	195.0 3
1948	902.0 1	896.0 1	840.0 1	713.0 1	601.0 1	494.0 1	390.0 1	317.0 1	225.0 1
1949	742.0 2	706.0 2	609.0 3	530.0 2	427.0 2	365.0 2	327.0 2	282.0 2	199.0 2
1950	358.0 6	346.0 5	332.0 5	303.0 5	280.0 5	262.0 5	234.0 5	195.0 5	143.0 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
OHIO CREEK NEAR GUNNISON, COLO.

YEAR	1	3	7	14	30	60	90	120	183
1946	18.00 3	19.00 3	19.00 3	19.00 3	20.00 3	21.00 3	23.00 4	25.00 5	27.00 4
1947	12.00 1	13.00 1	13.00 1	13.00 1	14.00 1	15.00 1	17.00 1	20.00 1	22.00 1
1948	18.00 4	19.00 4	20.00 5	20.00 4	22.00 5	23.00 5	23.00 5	24.00 4	32.00 5
1949	18.00 5	19.00 5	19.00 4	20.00 4	21.00 4	22.00 4	22.00 3	23.00 3	24.00 3
1950	15.00 2	16.00 2	16.00 2	16.00 2	17.00 2	18.00 2	19.00 2	20.00 2	23.00 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,SKWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
31.4	30.7	24.0	19.1	20.4	27.8	138	342	289	142	78.8	36.2
159	27.4	12.5	11.9	4.50	33.9	2440	19670	7340	3007	1104	173
12.6	5.23	3.53	3.45	2.12	5.83	49.4	140	85.7	54.8	33.2	13.2
1.65	1.90	0.71	-0.48	-0.24	0.74	-0.47	0.84	0.48	0.01	0.94	1.79
0.40	0.17	0.15	0.18	0.10	0.21	0.36	0.41	0.30	0.39	0.42	0.36
2.67	2.60	2.04	1.62	1.73	2.35	11.7	29.0	24.5	12.0	6.68	3.07

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,SKWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.47	1.48	1.38	1.28	1.31	1.44	2.11	2.50	2.45	2.12	1.87	1.54
0.02	0.00	0.00	0.01	0.00	0.01	0.03	0.03	0.02	0.03	0.03	0.02
0.16	0.07	0.06	0.08	0.05	0.09	0.18	0.18	0.13	0.18	0.18	0.14
0.88	1.77	0.63	-0.66	-0.52	0.41	-1.03	-0.07	-0.11	-0.53	0.35	1.33
0.11	0.05	0.05	0.06	0.04	0.06	0.09	0.07	0.05	0.09	0.10	0.09
7.03	7.08	6.58	6.09	6.25	6.86	10.1	12.0	11.7	10.1	8.91	7.35

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWNESS	COEFF. OF VARIATION	SERIAL CORR
98.6	496	22.3	-0.17	0.23	0.154

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWNESS	COEFF. OF VARIATION	SERIAL CORR
1.98	0.01	0.10	-0.54	0.05	0.098

GUNNISON RIVER BASIN

09114500 GUNNISON RIVER NEAR GUNNISON, COLO.

LOCATION.--Lat 38°32'31", long 106°56'57", in NW¼NW¼ sec.2, T.49 N., R.1 W., Gunnison County, on right bank 0.7 mi (1.1 km) downstream from Antelope Creek and 1.2 mi (1.9 km) west of Gunnison.

DRAINAGE AREA.--1,012 mi² (2,621 km²).

REMARKS.--Flow regulated since September 1937 by Taylor Park Reservoir 37 mi (60 km) above station. Diversions for irrigation of about 22,000 acres (89.0 km²) above station. Statistical summaries are shown for two periods, water years 1912-14, 1918-28 and water years 1946-75.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
GUNNISON RIVER NEAR GUNNISON, 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																																					
1912				13	38	56	35	25	17	21	22	13	12	6	8	5	3	12	9	4	12	9	1	4	7	5	14	7	8									
1913		19	90	36	6	29	34	14	15	3	31	4	11	7						3	7	10	14	12	9	10	1											
1914				92	40	25	30	2	34	18	6	6	3	1	6	6	6	13	11	5	4	8	7	5	4	27	6											
1918		17	39	14	28	40	61	10	19	8	13	14	4	5	6	2	4	5	5	10	8	8	8	10	5	5	5		1	1	4	1	5					
1919	8	48	20	9	30	14	55	43	9	10	7	6	11	11	7	13	16	19	8	6	2		2	7	4													
1920			5	5	82	17	45	43	22	14	11	6	5	8	5	4	5	7	1	12	7	5	2	1	12	6	8	5	13	3								
1921		4	17	73	11	33	49	21	14	7	7	13	9	9	11	2	2	22	8	7	11	4	4	5	4	10		5	3									
1922			6	43	73	66	25	24	8	18	9	8	5	4	6			6	3	9	5	2	10	10	8	10	5	2										
1923		10	128	9	33	9	4	3	4	8	10	18	10	3	14	6	12	3	2	8	6	12	12	12	13	8	8											
1924				16	127	21	19	22	16	9	25	9	3	6	8	11	4	7	3	7	14	8	11	10	2	5	3											
1925		18	33	60	8	22	30	17	20	23	18	12	8	12	16	8	21	13	5	7	12	2																
1926	5	16	32	28	45	33	23	25	20	24	7	6	9	5	6	10	15	13	9	3	4	7	5	9	5	1												
1927		14	24	74	11	43	17	9	14	11	5	12	11	10	12	12	6	3	7	8	4	3	25	14	10	3	3											
1928			17	47	40	29	36	40	31	12	10	11	6	4	7	3	3	6	5	19	4	11	11	4	2	3	3	2										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5114	100.0	12	550.0	133	1775	34.7	24	2700	120	453	8.8
1	126.00	13	5114	100.0	13	620.0	165	1642	32.1	25	3100	80	333	6.5
2	140.00	74	5101	99.7	14	710.0	99	1477	28.9	26	3500	72	253	4.9
3	160.00	257	5027	98.3	15	820.0	95	1378	26.9	27	4000	61	181	3.5
4	190.00	306	4770	93.3	16	930.0	123	1283	25.1	28	4600	63	120	2.3
5	210.00	794	4464	87.3	17	1100.0	82	1160	22.7	29	5300	26	57	1.1
6	250.00	321	3670	71.8	18	1200.0	121	1078	21.1	30	6000	17	31	.6
7	280.00	460	3349	65.5	19	1400.0	98	957	18.7	31	6900	4	14	.2
8	320.00	433	2889	56.5	20	1600.0	96	859	16.8	32	7900	4	10	.1
9	370.00	269	2456	48.0	21	1800.0	128	763	14.9	33	9000	1	6	.1
10	420.00	204	2187	42.8	22	2100.0	95	635	12.4	34	10000	5	5	
11	480.00	208	1983	38.8	23	2400.0	87	540	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
GUNNISON RIVER NEAR GUNNISON, CO.

YEAR	1	3	7	15	30	60	90	120	183
1912	5880.0 4	5880.0 4	5650.0 4	5160.0 4	4700.0 4	3760.0 4	3000.0 5	2420.0 5	1740.0 5
1913	3180.0 12	2970.0 13	2870.0 13	2640.0 13	2510.0 12	2190.0 11	1790.0 11	1510.0 11	1140.0 11
1914	5680.0 5	5560.0 5	5410.0 5	5210.0 3	5000.0 3	4240.0 3	3450.0 3	2850.0 2	2040.0 2
1918	11400.0 1	11400.0 1	10400.0 1	8380.0 1	6090.0 1	4460.0 2	3480.0 2	2780.0 3	2000.0 3
1919	3100.0 13	3100.0 12	2950.0 12	2760.0 12	2050.0 13	1670.0 13	1430.0 14	1230.0 14	923.0 14
1920	7480.0 2	7010.0 2	6750.0 2	6680.0 2	5960.0 2	4620.0 1	3640.0 1	2940.0 1	2060.0 1
1921	6380.0 3	6160.0 3	5920.0 3	5060.0 5	4260.0 5	3160.0 7	2580.0 7	2130.0 7	1560.0 7
1922	4780.0 9	4710.0 8	4370.0 9	3970.0 8	3590.0 7	2920.0 8	2280.0 8	1850.0 8	1330.0 8
1923	4930.0 7	4830.0 7	4530.0 7	4380.0 6	4100.0 6	3510.0 5	3000.0 4	2520.0 4	1840.0 4
1924	4270.0 10	4150.0 10	3720.0 10	3450.0 10	2830.0 10	2500.0 10	2030.0 10	1680.0 10	1200.0 10
1925	2460.0 14	2420.0 14	2330.0 14	2150.0 14	1800.0 14	1650.0 14	1460.0 13	1270.0 13	1010.0 13
1926	3530.0 11	3490.0 11	3370.0 11	3070.0 11	2650.0 11	2000.0 12	1700.0 12	1420.0 12	1040.0 12
1927	4800.0 8	4700.0 9	4480.0 8	3850.0 9	3510.0 8	3180.0 6	2690.0 6	2250.0 6	1670.0 6
1928	5510.0 6	5350.0 6	4960.0 6	4010.0 7	3250.0 9	2750.0 9	2250.0 9	1820.0 9	1310.0 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
GUNNISON RIVER NEAR GUNNISON, CO.

YEAR	1	3	7	14	30	60	90	120	183
1912	200.00 12	202.00 11	204.00 11	208.00 10	217.00 9	232.00 12	245.00 12	254.00 12	355.00 14
1913	160.00 4	173.00 7	177.00 5	179.00 5	192.00 6	202.00 6	202.00 4	202.00 4	233.00 3
1914	220.00 14	220.00 14	220.00 14	220.00 13	221.00 13	226.00 11	230.00 10	250.00 10	287.00 11
1918	180.00 8	180.00 8	181.00 6	184.00 6	185.00 5	191.00 4	214.00 7	232.00 8	266.00 7
1919	126.00 1	129.00 1	132.00 1	138.00 1	143.00 1	150.00 1	163.00 1	184.00 2	231.00 2
1920	160.00 5	165.00 5	184.00 7	208.00 11	220.00 12	224.00 8	235.00 11	251.00 11	268.00 8
1921	165.00 6	171.00 6	185.00 9	200.00 8	214.00 8	224.00 9	224.00 8	235.00 9	268.00 9
1922	202.00 13	202.00 12	218.00 13	223.00 14	238.00 14	246.00 14	261.00 14	264.00 14	279.00 10
1923	159.00 3	159.00 3	159.00 3	164.00 3	170.00 3	171.00 2	172.00 2	173.00 1	185.00 1
1924	197.00 10	207.00 13	212.00 12	214.00 12	219.00 10	224.00 10	224.00 9	226.00 7	293.00 12
1925	165.00 7	165.00 4	165.00 4	169.00 4	184.00 4	199.00 5	202.00 5	217.00 5	248.00 6
1926	133.00 2	133.00 2	138.00 2	144.00 2	164.00 2	176.00 3	181.00 3	193.00 3	242.00 4
1927	184.00 9	184.00 9	184.00 8	185.00 7	196.00 7	207.00 7	209.00 6	220.00 6	248.00 5
1928	200.00 11	200.00 10	201.00 10	201.00 9	220.00 11	245.00 13	250.00 13	258.00 13	323.00 13

09114500 GUNNISON RIVER NEAR GUNNISON, COLO.--Continued

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
GUNNISON RIVER NEAR GUNNISON, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	10957	100.0	12	380.0	393	5719	52.2	24	2100	192	743	6.7
1	80.00	5	10957	100.0	13	440.0	440	5326	48.6	25	2400	136	551	5.0
2	92.00	20	10952	100.0	14	500.0	491	4886	44.6	26	2700	137	415	3.7
3	110.00	86	10932	99.8	15	580.0	634	4395	40.1	27	3100	100	278	2.5
4	120.00	432	10846	99.0	16	670.0	620	3761	34.3	28	3600	81	178	1.6
5	140.00	673	10414	95.0	17	770.0	676	3141	28.7	29	4200	56	97	.8
6	160.00	1105	9741	88.9	18	880.0	422	2465	22.5	30	4800	25	41	.3
7	190.00	618	8636	78.8	19	1000.0	374	2043	18.6	31	5500	9	16	.1
8	210.00	1024	8018	73.2	20	1200.0	150	1669	15.2	32	6400	7	7	
9	250.00	553	6994	63.8	21	1300.0	356	1519	13.9	33	7300	6	7	
10	290.00	333	6441	58.8	22	1600.0	182	1163	10.6	34	8500	1	1	
11	330.00	389	6108	55.7	23	1800.0	238	981	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
GUNNISON RIVER NEAR GUNNISON, CO.

YEAR	1	3	7	15	30	60	90	120	183
1946	3310.0 15	3270.0 13	3130.0 11	2890.0 11	2070.0 18	1520.0 21	1280.0 21	1100.0 22	898.0 21
1947	3860.0 0	3570.0 11	3120.0 12	3020.0 9	2770.0 9	2370.0 8	2100.0 7	1750.0 7	1320.0 7
1948	5360.0 3	5280.0 3	4860.0 2	4670.0 3	4330.0 2	3120.0 4	2440.0 5	2000.0 5	1540.0 5
1949	5000.0 4	4710.0 5	4380.0 4	3690.0 6	3050.0 8	2290.0 9	1960.0 9	1660.0 9	1290.0 9
1950	2370.0 24	2300.0 24	2210.0 23	2140.0 20	2000.0 20	1700.0 18	1480.0 17	1290.0 17	1070.0 17
1951	2990.0 18	2870.0 18	2690.0 18	2500.0 16	2060.0 19	1800.0 16	1500.0 15	1340.0 15	1090.0 15
1952	5450.0 2	5070.0 3	4800.0 3	4680.0 2	4000.0 3	3590.0 2	2970.0 2	2480.0 3	1850.0 3
1953	3950.0 9	3680.0 10	3290.0 10	2850.0 12	2610.0 11	1900.0 15	1500.0 16	1340.0 16	1040.0 18
1954	1260.0 30	1230.0 30	1140.0 30	995.0 30	797.0 30	668.0 30	631.0 30	659.0 30	580.0 30
1955	1750.0 28	1690.0 28	1530.0 28	1410.0 28	1260.0 28	1090.0 26	1030.0 26	962.0 25	841.0 24
1956	3040.0 17	2940.0 17	2760.0 17	2460.0 18	2250.0 15	1760.0 17	1450.0 18	1260.0 18	1070.0 16
1957	8820.0 1	8520.0 1	8030.0 1	6750.0 1	5550.0 1	4770.0 1	3790.0 1	3190.0 1	2270.0 1
1958	4410.0 7	4280.0 7	4220.0 7	3910.0 5	3530.0 5	2680.0 5	2040.0 8	1700.0 8	1320.0 8
1959	1930.0 26	1900.0 26	1820.0 26	1700.0 26	1390.0 26	1070.0 27	940.0 28	894.0 27	778.0 27
1960	2550.0 21	2520.0 21	2350.0 20	2040.0 21	1840.0 23	1430.0 23	1210.0 23	1120.0 20	993.0 19
1961	1850.0 27	1790.0 27	1740.0 27	1540.0 27	1360.0 27	1020.0 28	941.0 27	884.0 28	698.0 29
1962	5000.0 5	4840.0 4	4370.0 5	3650.0 7	3280.0 6	2990.0 5	2750.0 4	2320.0 4	1770.0 4
1963	1390.0 29	1340.0 29	1290.0 29	1190.0 29	1110.0 29	984.0 29	927.0 29	883.0 29	735.0 28
1964	2430.0 23	2320.0 23	2230.0 22	1890.0 24	1680.0 24	1320.0 24	1110.0 24	1030.0 24	793.0 25
1965	4600.0 6	4430.0 6	4290.0 6	4010.0 4	3840.0 4	3280.0 3	2890.0 3	2540.0 2	1960.0 2
1966	2150.0 25	2090.0 25	1960.0 25	1800.0 25	1570.0 25	1320.0 25	1090.0 25	955.0 26	781.0 26
1967	2640.0 20	2540.0 20	2330.0 21	1990.0 22	1890.0 21	1610.0 20	1310.0 20	1110.0 21	882.0 22
1968	3900.0 10	3730.0 9	3630.0 9	3010.0 10	2690.0 10	2000.0 11	1650.0 14	1480.0 14	1140.0 12
1969	2730.0 19	2670.0 19	2590.0 19	2480.0 17	2210.0 16	1930.0 14	1760.0 12	1550.0 10	1190.0 11
1970	4060.0 8	3930.0 8	3870.0 8	3600.0 8	3180.0 7	2800.0 6	2310.0 6	1960.0 6	1530.0 6
1971	3120.0 16	3090.0 16	2990.0 14	2740.0 14	2370.0 13	1940.0 13	1710.0 13	1540.0 11	1250.0 10
1972	3460.0 12	3290.0 12	3030.0 13	2590.0 15	2120.0 17	1510.0 22	1220.0 22	1090.0 23	931.0 20
1973	3370.0 13	3130.0 15	2970.0 15	2410.0 19	2320.0 14	2000.0 12	1780.0 11	1490.0 13	1100.0 14
1974	2460.0 22	2380.0 22	2200.0 24	1900.0 23	1850.0 22	1630.0 19	1330.0 19	1140.0 19	866.0 23
1975	3340.0 14	3210.0 14	2850.0 16	2770.0 13	2560.0 12	2200.0 10	1810.0 10	1520.0 12	1120.0 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
GUNNISON RIVER NEAR GUNNISON, CO.

YEAR	1	3	7	14	30	60	90	120	183
1946	130.00 14	140.00 13	145.00 12	152.00 15	154.00 14	157.00 13	159.00 12	167.00 13	199.00 11
1947	130.00 15	133.00 11	137.00 10	139.00 10	146.00 10	150.00 10	154.00 9	162.00 10	185.00 7
1948	200.00 29	208.00 30	220.00 30	229.00 30	243.00 30	256.00 29	260.00 28	267.00 26	319.00 25
1949	145.00 19	145.00 18	146.00 15	146.00 12	149.00 11	155.00 12	161.00 14	169.00 14	196.00 9
1950	146.00 20	151.00 21	165.00 20	174.00 20	179.00 20	184.00 20	190.00 20	188.00 16	221.00 16
1951	110.00 7	130.00 10	149.00 16	153.00 16	155.00 15	158.00 14	160.00 13	163.00 11	179.00 5
1952	135.00 16	140.00 14	145.00 13	146.00 13	149.00 12	152.00 11	155.00 10	161.00 9	193.00 8
1953	160.00 25	170.00 26	180.00 25	184.00 23	189.00 23	197.00 23	207.00 23	214.00 23	290.00 20
1954	120.00 12	120.00 9	121.00 8	133.00 8	135.00 7	140.00 7	146.00 8	154.00 8	204.00 15
1955	90.00 2	97.00 2	103.00 2	106.00 1	108.00 1	114.00 1	119.00 1	126.00 1	160.00 2
1956	100.00 3	105.00 4	112.00 5	114.00 5	122.00 4	122.00 4	127.00 4	133.00 4	176.00 4
1957	110.00 8	117.00 8	127.00 9	134.00 9	135.00 8	142.00 8	145.00 7	148.00 7	198.00 10
1958	157.00 23	165.00 23	169.00 21	203.00 27	211.00 26	222.00 26	244.00 27	295.00 28	357.00 27
1959	130.00 13	140.00 15	141.00 11	145.00 11	152.00 13	160.00 16	167.00 15	176.00 15	203.00 14
1960	110.00 9	110.00 6	116.00 6	121.00 6	131.00 6	138.00 6	138.00 6	144.00 6	201.00 12
1961	100.00 4	107.00 5	109.00 3	113.00 2	115.00 2	119.00 3	122.00 3	131.00 3	182.00 6
1962	140.00 18	147.00 19	170.00 22	179.00 21	181.00 21	189.00 22	190.00 21	194.00 19	236.00 17
1963	80.00 1	85.00 1	95.00 1	113.00 3	124.00 5	129.00 5	134.00 5	136.00 5	159.00 1
1964	100.00 5	103.00 3	111.00 4	114.00 4	116.00 3	117.00 2	119.00 2	126.00 2	175.00 3
1965	110.00 10	117.00 7	121.00 7	129.00 7	137.00 9	146.00 9	159.00 11	166.00 12	203.00 13
1966	180.00 27	190.00 28	203.00 28	214.00 29	220.00 29	227.00 27	293.00 30	375.00 30	373.00 30
1967	135.00 17	142.00 17	149.00 17	151.00 14	156.00 16	158.00 15	175.00 16	207.00 22	297.00 22
1968	200.00 30	205.00 29	207.00 29	209.00 28	216.00 28	232.00 28	238.00 26	278.00 27	359.00 28
1969	180.00 28	187.00 27	193.00 27	199.00 26	205.00 25	209.00 25	213.00 25	221.00 24	338.00 26
1970	160.00 24	167.00 24	176.00 23	179.00 22	182.00 22	185.00 21	191.00 22	200.00 20	305.00 23

09115500 TOMICHI CREEK AT SARGENTS, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TOMICHI CREEK AT SARGENTS, 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		
1951					1	2	3	28	14	60	50	47	19	40	10	6	7	7	4	7	8	3	9	10	12	8	2	1	4	3							
1952							3	11	64	57	44	34	8	9	15	14	9	8	4	2	7	3	7	11	6	3	12	14	9	4	8						
1953									35	77	62	54	16	8	5	10	9	10	18	6	13	5	3	2	2	3	3	11	5	6	2						
1954									14	37	24	74	57	31	59	30	18	10	6	4	1																
1955					1	3	20	67	74	70	21	12	9	13	11	10	9	10	13	11	9	2															
1956							7	31	65	122	23	20	7	10	5	7	2	7	9	8	2	3	4	10	5	11	8										
1957							1	11	93	39	21	19	9	3	4	10	7	5	8	10	5	12	9	22	14	13	7	6	4	3	4	14	5	6	1		
1958									35	62	56	41	36	41	7	5	5	5	3	2	4	6	15	3	3	6	2	8	6	4	6	4					
1959			3	5			3	5	8	78	34	64	51	15	19	10	7	8	9	8	8	13	14	3													
1960							2	9	76	77	8	15	32	28	7	5	10	7	10	9	10	8	12	7	18	7	8	1									
1961							1	11	28	88	35	43	27	33	11	21	8	6	6	3	7	7	6	8	6	5	5										
1962									10	22	25	49	75	60	20	12	5	4	2	3	4	4	3	8	20	17	6	4	5	3	4						
1963									19	109	75	37	16	22	8	5	15	21	15	11	6	6															
1964							2	12	25	74	51	30	32	12	9	10	18	19	10	5	9	6	3	4	4	4	4	12	3	5	3						
1965							1	4	8	16	65	46	38	5	4	18	16	14	12	9	10	4	12	7	18	12	11	11	4	10	8	2					
1966						5	7	2	2	12	20	10	82	47	70	25	15	14	10	9	7	8	17	3													
1967		1	8	21	43	12	26	35	40	36	37	37	15	14	11	7	6	11	4	1																	
1968				1	2	7	32	18	40	49	38	40	24	16	13	20	11	11	5	4	5	8	8	2	2	4	6										
1969							3	18	57	16	13	38	55	24	10	17	8	10	12	10	8	23	23	9	11												
1970							1	12	40	6	25	24	19	18	20	18	52	29	15	7	5	3	14	6	9	7	2	6	6	4	4	5	7	1			
1971							1	11	26	38	17	9	32	30	6	18	34	25	14	19	11	12	15	5	11	7	15	9									
1972								7	43	62	31	20	34	45	18	11	9	13	22	15	6	5	3	22													

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	14245	100.0	12	30.0	1452	7155	50.2	24	180	251	1153	8.0
1	6.00	1	14245	100.0	13	35.0	972	5703	40.0	25	210	210	902	6.3
2	7.00	4	14244	100.0	14	41.0	597	4731	33.2	26	240	185	692	4.8
3	8.10	13	14240	100.0	15	47.0	515	4134	29.0	27	280	137	507	3.5
4	9.30	33	14227	99.9	16	55.0	421	3619	25.4	28	320	123	370	2.5
5	11.00	102	14194	99.6	17	64.0	346	3198	22.4	29	370	93	247	1.7
6	13.00	183	14092	98.9	18	74.0	345	2852	20.0	30	430	63	154	1.0
7	15.00	527	13909	97.6	19	85.0	297	2507	17.6	31	500	51	91	.6
8	17.00	1114	13382	93.9	20	99.0	187	2210	15.5	32	580	12	40	.2
9	20.00	1841	12268	86.1	21	110.0	321	2023	14.2	33	670	26	28	.1
10	23.00	1825	10427	73.2	22	130.0	238	1702	11.9	34	780	2	2	
11	26.00	1447	8602	60.4	23	150.0	311	1464	10.3					

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

YEAR	1	3	7	15	30	60	90	120	183
1918	382.0 17	374.0 17	371.0 16	335.0 14	312.0 13	234.0 16	182.0 17	147.0 17	108.0 16
1919	470.0 10	465.0 10	440.0 10	384.0 10	283.0 16	208.0 18	167.0 18	140.0 18	105.0 19
1920	550.0 8	497.0 9	466.0 9	454.0 7	417.0 5	292.0 7	223.0 8	180.0 9	129.0 9
1921	792.0 1	771.0 1	762.0 1	748.0 1	665.0 1	472.0 1	367.0 1	300.0 1	216.0 2
1922	305.0 23	288.0 23	268.0 23	243.0 26	217.0 25	174.0 24	136.0 25	112.0 26	83.0 25
1939	263.0 27	253.0 28	247.0 28	244.0 23	232.0 20	178.0 23	142.0 23	114.0 25	83.0 26
1940	140.0 33	135.0 32	129.0 32	124.0 32	109.0 33	84.0 34	69.0 36	58.0 36	44.0 36
1941	424.0 14	397.0 14	379.0 14	335.0 15	314.0 12	251.0 11	195.0 12	157.0 12	115.0 12
1942	616.0 3	577.0 4	543.0 4	506.0 4	435.0 4	323.0 4	262.0 4	214.0 4	154.0 4
1943	368.0 19	339.0 19	317.0 19	273.0 20	227.0 22	219.0 17	184.0 15	151.0 14	112.0 14
1944	413.0 15	397.0 15	384.0 13	365.0 13	332.0 10	250.0 12	187.0 14	150.0 15	107.0 17
1945	306.0 22	300.0 22	276.0 22	240.0 27	220.0 23	183.0 22	140.0 24	115.0 23	86.0 24
1946	123.0 36	118.0 36	109.0 36	96.0 37	88.0 37	84.0 35	73.0 34	61.0 35	48.0 35
1947	342.0 20	333.0 20	302.0 20	274.0 19	265.0 18	235.0 15	182.0 16	148.0 16	112.0 15
1948	518.0 9	510.0 8	481.0 8	427.0 9	355.0 9	244.0 14	192.0 13	157.0 13	113.0 13
1949	378.0 18	359.0 18	335.0 18	317.0 17	300.0 15	249.0 13	214.0 9	181.0 8	131.0 8
1950	155.0 31	131.0 34	122.0 34	115.0 34	109.0 34	101.0 32	89.0 32	74.0 32	57.0 32
1951	412.0 16	398.0 13	369.0 17	299.0 18	247.0 19	190.0 20	150.0 22	122.0 22	92.0 22
1952	573.0 6	566.0 6	541.0 6	491.0 6	406.0 7	351.0 3	282.0 3	228.0 3	163.0 3
1953	555.0 7	517.0 7	492.0 7	440.0 8	378.0 8	252.0 10	198.0 11	164.0 11	118.0 11
1954	75.0 39	72.0 39	66.0 39	60.0 39	52.0 39	46.0 39	40.0 39	36.0 39	32.0 39
1955	120.0 37	114.0 37	107.0 37	100.0 36	93.0 36	79.0 37	64.0 37	55.0 37	43.0 37
1956	270.0 25	268.0 25	260.0 25	244.0 24	216.0 26	163.0 26	125.0 27	100.0 27	73.0 28
1957	780.0 2	771.0 2	726.0 2	648.0 2	595.0 2	427.0 2	353.0 2	298.0 2	217.0 1
1958	604.0 4	599.0 3	580.0 3	528.0 3	443.0 3	316.0 5	239.0 5	189.0 6	134.0 7
1959	153.0 32	152.0 31	142.0 31	136.0 31	131.0 31	108.0 31	90.0 31	77.0 31	59.0 31
1960	280.0 24	274.0 24	262.0 24	243.0 25	220.0 24	170.0 25	152.0 20	128.0 20	93.0 20
1961	261.0 28	259.0 26	251.0 26	225.0 28	190.0 28	141.0 28	110.0 28	92.0 29	71.0 29
1962	454.0 11	446.0 11	427.0 11	372.0 12	302.0 14	253.0 9	205.0 10	165.0 10	120.0 10
1963	129.0 35	127.0 35	120.0 35	109.0 35	94.0 35	82.0 36	73.0 35	62.0 34	49.0 34
1964	428.0 13	396.0 16	373.0 15	321.0 16	280.0 17	191.0 19	151.0 21	126.0 21	92.0 21
1965	434.0 12	428.0 12	405.0 12	377.0 11	321.0 11	273.0 8	233.0 6	197.0 5	148.0 5

GUNNISON RIVER BASIN

09115500 TOMICHI CREEK AT SARGENTS, 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

YEAR	1	3	7	15	30	60	90	120	183
1966	136.0 34	133.0 33	128.0 33	119.0 33	114.0 32	93.0 33	79.0 33	69.0 33	55.0 33
1967	101.0 38	97.0 38	90.0 38	82.0 38	71.0 38	58.0 38	50.0 38	45.0 38	37.0 38
1968	316.0 21	301.0 21	295.0 21	253.0 21	198.0 27	133.0 29	108.0 29	97.0 28	76.0 27
1969	206.0 29	200.0 29	197.0 29	187.0 29	159.0 29	147.0 27	131.0 26	114.0 24	88.0 23
1970	583.0 5	572.0 5	556.0 4	503.0 5	409.0 6	293.0 6	225.0 7	183.0 7	138.0 6
1971	264.0 26	256.0 27	248.0 27	245.0 22	228.0 21	187.0 21	154.0 19	134.0 19	105.0 18
1972	178.0 30	173.0 30	172.0 30	169.0 30	155.0 30	122.0 30	104.0 30	91.0 30	69.0 30

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

YEAR	1	3	7	14	30	60	90	120	183
1919	20.00 34	21.00 34	22.00 35	22.00 32	22.00 30	23.00 30	23.00 28	24.00 28	25.00 22
1920	24.00 37	24.00 37	24.00 37	25.00 37	25.00 36	25.00 36	25.00 35	25.00 34	26.00 23
1921	6.00 1	10.00 3	14.00 14	17.00 23	19.00 24	21.00 26	22.00 24	24.00 29	26.00 24
1922	22.00 36	22.00 36	22.00 36	22.00 33	22.00 31	23.00 31	24.00 33	24.00 30	29.00 34
1939	16.00 24	16.00 23	16.00 20	17.00 24	18.00 21	22.00 27	23.00 29	25.00 35	29.00 35
1940	14.00 17	14.00 17	15.00 15	15.00 14	16.00 10	17.00 10	19.00 13	21.00 17	22.00 12
1941	11.00 7	12.00 6	13.00 10	15.00 15	16.00 11	17.00 11	18.00 6	19.00 8	19.00 5
1942	16.00 25	16.00 24	16.00 21	16.00 16	17.00 15	18.00 15	19.00 14	20.00 14	26.00 25
1943	13.00 14	13.00 13	13.00 11	14.00 9	16.00 12	18.00 16	19.00 15	20.00 15	23.00 13
1944	15.00 21	15.00 20	16.00 22	16.00 17	18.00 22	19.00 17	20.00 18	21.00 18	24.00 19
1945	18.00 28	18.00 28	18.00 27	18.00 25	19.00 23	20.00 22	21.00 19	21.00 19	23.00 14
1946	17.00 26	17.00 25	18.00 28	19.00 26	20.00 25	22.00 28	22.00 25	23.00 24	26.00 26
1947	12.00 8	12.00 7	12.00 4	13.00 4	14.00 4	16.00 6	18.00 7	20.00 16	21.00 9
1948	15.00 22	15.00 21	16.00 23	16.00 18	17.00 16	19.00 18	21.00 20	22.00 20	27.00 31
1949	21.00 35	21.00 35	21.00 32	22.00 34	23.00 35	24.00 35	25.00 36	26.00 36	25.00 20
1950	19.00 32	20.00 31	20.00 30	21.00 30	22.00 32	23.00 32	23.00 30	23.00 25	26.00 27
1951	10.00 5	11.00 4	11.00 3	12.00 3	12.00 2	14.00 2	15.00 2	17.00 2	19.00 6
1952	12.00 9	13.00 14	14.00 12	15.00 10	17.00 17	20.00 23	21.00 21	22.00 21	22.00 10
1953	20.00 33	21.00 32	22.00 33	22.00 31	23.00 33	23.00 33	24.00 34	24.00 31	27.00 32
1954	18.00 29	19.00 30	20.00 31	20.00 28	21.00 28	22.00 29	23.00 31	24.00 32	26.00 28
1955	10.00 6	12.00 8	13.00 5	14.00 5	14.00 3	15.00 3	16.00 3	17.00 3	18.00 2
1956	14.00 18	14.00 18	15.00 16	16.00 19	16.00 13	17.00 12	19.00 16	19.00 9	19.00 3
1957	13.00 15	13.00 15	14.00 13	15.00 11	17.00 18	18.00 13	18.00 8	18.00 4	21.00 7
1958	16.00 23	17.00 26	17.00 25	17.00 35	23.00 34	24.00 34	24.00 32	25.00 33	30.00 36
1959	18.00 30	18.00 29	19.00 29	20.00 29	21.00 29	21.00 24	22.00 26	23.00 26	25.00 21
1960	7.40 2	7.60 1	8.50 1	11.00 2	15.00 5	18.00 14	18.00 9	19.00 10	23.00 15
1961	14.00 19	15.00 19	16.00 24	17.00 20	18.00 19	19.00 19	19.00 17	20.00 11	22.00 11
1962	18.00 31	21.00 33	22.00 34	24.00 36	26.00 37	28.00 38	30.00 38	31.00 38	32.00 37
1963	17.00 27	17.00 27	18.00 26	19.00 27	20.00 26	20.00 20	21.00 22	22.00 22	23.00 16
1964	12.00 10	12.00 9	13.00 6	15.00 12	15.00 6	16.00 7	17.00 4	18.00 5	19.00 4
1965	12.00 11	13.00 10	15.00 17	17.00 21	21.00 27	21.00 25	22.00 27	22.00 23	23.00 17
1966	26.00 38	26.00 38	26.00 38	26.00 38	26.00 38	27.00 37	27.00 37	29.00 37	33.00 38
1967	8.00 3	9.00 2	9.00 2	9.50 1	10.00 1	11.00 1	12.00 1	13.00 1	16.00 1
1968	10.00 4	11.00 5	13.00 7	14.00 6	15.00 7	16.00 8	18.00 10	19.00 6	21.00 8
1969	13.00 16	14.00 16	15.00 18	15.00 13	16.00 14	17.00 9	18.00 11	20.00 12	24.00 18
1970	12.00 12	13.00 11	13.00 8	14.00 7	15.00 8	15.00 4	18.00 12	20.00 13	27.00 29
1971	12.00 13	13.00 12	13.00 9	14.00 8	15.00 9	16.00 5	17.00 5	19.00 7	27.00 30
1972	15.00 20	16.00 22	16.00 19	17.00 22	18.00 20	20.00 21	21.00 23	24.00 27	28.00 33

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,SKWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
30.9	27.3	23.2	21.2	21.6	27.1	68.8	198	192	62.9	39.3	28.5
63.6	24.8	15.0	20.1	24.3	62.9	789	7631	15670	1956	481	115
7.97	4.98	3.87	4.48	4.93	7.93	28.1	87.4	125	44.2	21.9	10.7
0.50	0.25	-0.05	0.69	0.35	1.08	0.90	0.28	1.43	2.41	2.02	1.09
0.26	0.18	0.17	0.21	0.23	0.29	0.41	0.44	0.65	0.70	0.56	0.38
4.17	3.69	3.13	2.86	2.92	3.66	9.28	26.7	25.9	8.50	5.30	3.85

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,SKWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.48	1.43	1.36	1.32	1.32	1.42	1.80	2.25	2.19	1.72	1.54	1.43
0.01	0.01	0.01	0.01	0.01	0.01	0.03	0.05	0.10	0.07	0.05	0.02
0.11	0.08	0.08	0.09	0.10	0.12	0.17	0.22	0.31	0.26	0.21	0.15
0.05	-0.10	-0.68	-0.23	-0.43	0.27	0.27	-0.66	-0.66	0.38	0.34	0.26
0.08	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.14	0.15	0.14	0.11
7.67	7.43	7.06	6.84	6.87	7.36	9.37	11.7	11.4	8.93	8.00	7.42

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWNESS	COEFF. OF VARIATION	SERIAL CORR
61.8	503	22.4	0.72	0.36	0.131

09115500 TOMICHI CREEK AT SARGENTS, COLO.--Continued

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.76	0.03	0.16	-0.24	0.09	0.170

09116000 TOMICHI CREEK NEAR DOYLEVILLE, COLO.

LOCATION.--Lat 38°24'45", long 106°30'24", in NE¼NE¼ sec.22, T.48 N., R.4 E., Saguache County, 100 ft (30 m) south of U.S. Highway 50, 0.6 mi (1.0 km) upstream from Owens Creek, and 6.1 mi (9.8 km) south-east of Doyleville.

DRAINAGE AREA.--209 mi² (541 km²).

REMARKS.--Diversions for irrigation of about 2,400 acres (9.71 km²) above station. Larkspur ditch diverts water above station to Arkansas River basin.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TOMICHI CREEK NEAR DOYLEVILLE, COLO.

CLASS YEAR	NUMBER OF DAYS IN CLASS																																				
	0	1	2	3	4	5	6	7	8	9	10	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					2	8	24	31	54	46	48	40	15	10	9	6	5	7	14	19	18	3	4	2													
1947			1		20	41	20	36	38	17	17	14	28	10	8	17	18	5	5	1	7	2	3	1	3	2	3	6	15	12	12	3					
1948								27	56	56	58	25	24	12	8	5	4	5	3	3	6	4	13	4	12	6	3	4		4	5	3	16				
1949								2	76	77	51	12	7	6	6	7	4	9	5	2	5	2	11	5	8	13	16		9	12	15	5					
1950	15	16	6	15	8	8	9	93	41	17	25	17	5	3	2	2	6	7	12	12	17	9	16	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	35.0	83	727	39.8	24	140	13	201	11.0
1	10.00	15	1826	100.0	13	39.0	74	644	35.3	25	150	24	188	10.2
2	11.00	16	1811	99.2	14	44.0	40	570	31.2	26	170	21	164	8.9
3	13.00	7	1795	98.3	15	49.0	30	530	29.0	27	190	22	143	7.8
4	14.00	17	1788	97.9	16	55.0	36	500	27.4	28	220	10	121	6.6
5	16.00	36	1771	97.0	17	62.0	39	464	25.4	29	240	24	111	6.0
6	18.00	73	1735	95.0	18	69.0	40	425	23.3	30	270	28	87	4.7
7	20.00	60	1662	91.0	19	78.0	44	385	21.1	31	300	32	59	3.2
8	22.00	212	1602	87.7	20	87.0	36	341	18.7	32	340	11	27	1.4
9	25.00	257	1390	76.1	21	97.0	38	305	16.7	33	380	16	16	.8
10	28.00	215	1133	62.0	22	110.0	21	267	14.6	34	430			
11	31.00	191	918	50.3	23	120.0	45	246	13.5					

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TOMICHI CREEK NEAR DOYLEVILLE, COLO.

YEAR	1	3	7	15	30	60	90	120	183									
1946	123.0	5	119.0	5	109.0	5	95.0	5	94.0	5	87.0	5	76.0	5	64.0	5	51.0	5
1947	351.0	3	342.0	3	325.0	3	302.0	3	294.0	3	258.0	3	199.0	3	162.0	3	121.0	3
1948	429.0	1	425.0	1	415.0	1	399.0	1	357.0	1	261.0	2	210.0	2	169.0	2	122.0	2
1949	368.0	2	350.0	2	333.0	2	318.0	2	309.0	2	263.0	1	230.0	1	195.0	1	142.0	1
1950	165.0	4	145.0	4	134.0	4	127.0	4	119.0	4	108.0	4	97.0	4	80.0	4	61.0	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
TOMICHI CREEK NEAR DOYLEVILLE, COLO.

YEAR	1	3	7	14	30	60	90	120	183									
1946	18.00	3	18.00	3	19.00	3	20.00	3	22.00	3	24.00	3	26.00	3	27.00	3	27.00	3
1947	13.00	1	15.00	1	17.00	1	17.00	1	18.00	1	18.00	1	20.00	1	22.00	1	21.00	1
1948	22.00	4	22.00	4	24.00	5	25.00	5	26.00	5	26.00	4	27.00	4	28.00	4	32.00	5
1949	22.00	5	22.00	5	23.00	4	23.00	4	24.00	4	26.00	5	27.00	5	28.00	5	28.00	4
1950	16.00	2	17.00	2	18.00	2	20.00	2	21.00	2	22.00	2	23.00	2	23.00	2	26.00	2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
32.1	29.6	26.4	23.2	24.2	30.5	83.9	200	180	62.7	34.1	25.5
61.9	19.1	13.4	14.1	11.7	3.44	526	8971	8810	2041	274	113
7.87	4.37	3.66	3.75	3.41	1.85	22.9	94.7	93.9	45.2	16.6	10.6
0.21	-0.53	-0.21	-0.57	-1.51	-0.78	-0.46	-0.51	-0.45	1.36	-0.08	0.32
0.25	0.15	0.14	0.16	0.14	0.06	0.27	0.47	0.52	0.72	0.48	0.42
4.27	3.93	3.52	3.08	3.22	4.06	11.2	26.6	23.9	8.35	4.54	3.39

GUNNISON RIVER BASIN

09116000 TOMICHI CREEK NEAR DOYLEVILLE, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.50	1.47	1.42	1.36	1.38	1.48	1.91	2.25	2.19	1.71	1.48	1.37
0.01	0.00	0.00	0.01	0.00	0.00	0.02	0.06	0.08	0.09	0.06	0.04
0.11	0.07	0.06	0.07	0.07	0.03	0.13	0.24	0.28	0.30	0.25	0.19
-0.31	-0.56	-0.50	-0.74	-1.66	-0.76	-0.57	-0.62	-0.63	0.48	-0.81	-0.40
0.07	0.05	0.04	0.05	0.05	0.02	0.07	0.11	0.13	0.18	0.17	0.14
7.66	7.51	7.26	6.97	7.07	7.60	9.78	11.5	11.2	8.77	7.59	7.03

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
62.7	456	21.3	-0.40	0.34	-0.345

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.77	0.03	0.16	-0.51	0.09	-0.338

09117000 TOMICHI CREEK AT PARLIN, COLO.

LOCATION.--Lat 38°29'50", long 106°43'32", in SW¼NW¼ sec.23, T.49 N., R.2 E., Gunnison County, on left bank 70 ft (21 m) upstream from bridge, 0.3 mi (0.5 km) upstream from Quartz Creek, and 0.4 mi (0.6 km) south of Parlin.

DRAINAGE AREA.--427 mi² (1,106 km²).

REMARKS.--Diversions for irrigation of about 11,000 acres (44.5 km²) above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
TOMICHI CREEK AT PARLIN, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	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									8	8	6	3	1	10	20	15	57	34	46	56	52	23	14	9	3													
1947													1	38	50	22	29	28	25	34	17	13	24	11	16	6	6	10	22	10	3							
1948													19	7	8	8	70	30	56	48	21	6	2	2	17	9	15	20	5	4	6	7	6					
1949															5	21	35	68	65	30	9	6	10	6	20	7	4	23	29	24	3							
1950		3	5	1	2	2	8	8	11	10	15	7	19	1	1	3	4	13	23	193	41	19	13	13	7	9	13	5	4	1	1							
1951								1	3	7	3	8	26	17	34	13	17	31	50	34	19	14	10	8	16	25	11	9	2	3	4							
1964													1	12	3	6	52	89	39	26	20	21	13	22	7	12	13	5	11	7	4	3						
1965														2	23	9	5	40	66	37	18	14	12	14	21	24	21	25	12	9	11	2						
1966								3	6	10	9	4	9	20	4	5	36	49	88	41	14	33	20	6	4	2	1	1										
1967								1	5	4	31	29	36	31	31	105	26	16	20	13	10	6	1															
1968															3	28	78	88	70	16	10	18	16	13	6	12	7	1										
1969																		31	101	43	35	17	16	23	47	25	15	9	1	2								
1970																				42	71	38	36	51	34	22	11	10	8	8	10	7	9	6	2			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4748	100.0	12	5.7	71	4611	97.1	24	81	182	938	19.7
1	0.50	3	4748	100.0	13	7.1	93	4540	95.6	25	100	180	756	15.9
2	0.60	5	4745	99.9	14	8.9	123	4447	93.7	26	130	133	576	12.1
3	0.80	1	4740	99.8	15	11.0	200	4324	91.1	27	160	100	443	9.3
4	1.00	2	4739	99.8	16	14.0	182	4124	86.9	28	200	119	343	7.2
5	1.20	2	4737	99.8	17	17.0	484	3942	83.0	29	250	90	224	4.7
6	1.50	8	4735	99.7	18	22.0	534	3458	72.8	30	310	65	134	2.8
7	1.90	8	4727	99.6	19	27.0	675	2924	61.6	31	380	37	69	1.4
8	2.40	12	4719	99.4	20	33.0	584	2249	47.4	32	480	18	32	.6
9	2.90	25	4707	99.1	21	42.0	301	1665	35.1	33	590	12	14	.2
10	3.70	41	4682	98.6	22	52.0	188	1364	28.7	34	740	2	2	
11	4.60	30	4641	97.7	23	65.0	238	1176	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
TOMICHI CREEK AT PARLIN, CO.

YEAR	1	3	7	15	30	60	90	120	183									
1946	112.0	12	106.0	12	93.0	12	76.0	12	65.0	12	62.0	12	57.0	12	51.0	12	41.0	12
1947	455.0	5	395.0	6	337.0	7	313.0	6	297.0	5	252.0	5	200.0	5	164.0	5	123.0	5
1948	657.0	2	649.0	2	614.0	2	554.0	2	440.0	2	322.0	2	257.0	3	202.0	4	142.0	4
1949	414.0	7	389.0	7	359.0	6	350.0	4	330.0	4	302.0	3	268.0	2	229.0	2	165.0	3
1950	319.0	8	279.0	9	243.0	8	191.0	9	164.0	8	117.0	9	95.0	9	79.0	10	61.0	10
1951	430.0	6	417.0	5	382.0	4	304.0	7	239.0	7	183.0	7	156.0	6	128.0	6	94.0	6
1964	477.0	4	428.0	4	376.0	5	316.0	5	251.0	6	187.0	6	147.0	7	124.0	7	92.0	7
1965	551.0	3	506.0	3	439.0	3	405.0	3	342.0	3	286.0	4	250.0	4	224.0	3	170.0	2

09117000 TOMICHI CREEK AT PARLIN, 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
TOMICHI CREEK AT PARLIN, CO.

YEAR	1	3	7	15	30	60	90	120	183
1966	271.0 10	222.0 11	184.0 11	131.0 11	104.0 11	90.0 10	82.0 11	71.0 11	57.0 11
1967	84.0 13	74.0 13	88.0 13	56.0 13	46.0 13	32.0 13	28.0 13	29.0 13	25.0 13
1968	254.0 11	250.0 10	239.0 9	205.0 8	142.0 9	85.0 11	92.0 10	83.0 9	70.0 9
1969	308.0 9	281.0 8	190.0 10	161.0 10	139.0 10	123.0 8	114.0 8	109.0 8	86.0 8
1970	748.0 1	729.0 1	711.0 1	630.0 1	515.0 1	365.0 1	288.0 1	241.0 1	181.0 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
TOMICHI CREEK AT PARLIN, CO.

YEAR	1	3	7	14	30	60	90	120	183
1946	7.20 5	7.30 5	7.50 5	8.40 6	14.00 7	20.00 9	24.00 9	26.00 10	28.00 8
1947	3.50 3	3.50 3	3.60 2	3.70 2	5.30 2	11.00 4	13.00 4	14.00 3	14.00 3
1948	16.00 10	16.00 10	17.00 9	18.00 9	18.00 9	18.00 7	22.00 7	24.00 8	29.00 10
1949	7.40 6	7.60 6	7.70 6	7.90 5	9.00 5	13.00 5	16.00 5	19.00 5	21.00 5
1950	14.00 8	15.00 8	15.00 8	16.00 8	17.00 8	20.00 8	26.00 10	27.00 9	28.00 9
1951	0.50 1	0.50 1	0.56 1	0.86 1	1.40 1	2.40 1	3.30 1	4.10 1	10.00 1
1965	10.00 7	10.00 7	11.00 7	11.00 7	12.00 6	14.00 6	19.00 6	23.00 6	25.00 6
1966	22.00 12	23.00 12	24.00 12	25.00 11	26.00 11	29.00 11	31.00 11	33.00 11	35.00 11
1967	3.00 2	3.40 2	3.70 3	4.10 3	6.60 3	6.90 2	8.10 2	11.00 2	13.00 2
1968	4.00 4	4.20 4	4.80 4	6.10 4	7.80 4	10.00 3	13.00 3	16.00 4	18.00 4
1969	15.00 9	16.00 9	18.00 10	21.00 10	21.00 10	22.00 10	23.00 8	23.00 7	26.00 7
1970	19.00 11	20.00 11	22.00 11	26.00 12	31.00 12	32.00 12	33.00 12	35.00 12	43.00 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)											
25.5	31.6	26.6	23.4	24.9	38.4	109	181	160	54.5	45.0	24.4
313	120	39.5	38.1	45.4	113	2396	17140	10730	2314	1115	357
17.7	10.9	6.29	6.17	6.74	10.6	48.9	131	104	48.1	33.4	18.9
1.48	0.67	-0.27	-0.37	-0.51	1.48	-0.23	0.61	0.21	0.82	0.77	0.84
0.69	0.35	0.24	0.26	0.27	0.28	0.45	0.72	0.65	0.88	0.74	0.77
3.43	4.25	3.58	3.15	3.34	5.15	14.7	24.3	21.4	7.32	6.05	3.28

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	1.48	1.41	1.35	1.38	1.57	1.98	2.12	2.09	1.53	1.50	1.23
0.09	0.02	0.01	0.02	0.02	0.01	0.08	0.15	0.13	0.23	0.18	0.19
0.30	0.15	0.11	0.13	0.14	0.11	0.28	0.39	0.36	0.48	0.42	0.44
-0.04	0.14	-0.66	-0.82	-1.40	0.67	-1.82	-0.53	-0.53	-0.38	-0.86	-0.94
0.23	0.10	0.08	0.09	0.10	0.07	0.14	0.18	0.17	0.31	0.28	0.35
6.93	7.79	7.45	7.14	7.27	8.28	10.4	11.2	11.0	8.09	7.94	6.49

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
62.1	784	28.0	0.43	0.45	0.050

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.75	0.05	0.22	-0.55	0.12	0.116

09118000 QUARTZ CREEK NEAR OHIO, COLO.

LOCATION.--Lat 38°33'35", long 106°38'09", in SW¼SW¼ sec.27, T.50 N., R.3 E., Gunnison County, on left bank 10 ft (3 m) downstream from bridge on State Highway 162, 0.7 mi (1.1 km) downstream from Willow Creek, 1.3 mi (2.1 km) southwest of Ohio, and 1.4 mi (2.3 km) downstream from Gold Creek.

DRAINAGE AREA.--106 mi² (275 km²).

REMARKS.--Diversions for irrigation of about 700 acres (2.83 km²) above and 200 acres (809,000 m²) below station. Slight regulation prior to 1946 by small powerplant 3 mi (5 km) above station.

09118000 QUARTZ CREEK NEAR OHIO, 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
QUARTZ CREEK NEAR OHIO, CO.

YEAR	1	3	7	14	30	60	90	120	183
1940	10.00 1	11.00 1	11.00 1	11.00 1	12.00 1	14.00 3	15.00 3	16.00 4	18.00 3
1941	10.00 2	11.00 2	12.00 4	13.00 4	14.00 6	14.00 4	14.00 1	15.00 1	18.00 4
1942	14.00 11	16.00 15	16.00 11	17.00 13	17.00 10	20.00 15	21.00 15	23.00 18	27.00 19
1943	19.00 20	20.00 20	21.00 20	21.00 20	22.00 20	23.00 21	24.00 21	25.00 19	26.00 17
1944	14.00 12	15.00 12	16.00 12	16.00 10	17.00 11	20.00 16	20.00 13	22.00 15	24.00 14
1945	13.00 7	14.00 7	14.00 7	14.00 5	15.00 7	16.00 8	17.00 8	17.00 8	20.00 9
1946	16.00 15	16.00 13	17.00 17	18.00 14	18.00 15	20.00 17	21.00 16	22.00 16	24.00 15
1947	14.00 13	15.00 8	16.00 13	17.00 11	17.00 12	18.00 9	18.00 9	18.00 9	19.00 8
1948	17.00 16	17.00 16	17.00 14	18.00 15	19.00 16	20.00 18	21.00 17	23.00 17	27.00 18
1949	17.00 17	18.00 18	19.00 18	19.00 19	19.00 17	20.00 19	21.00 18	21.00 14	22.00 10
1950	17.00 18	17.00 17	17.00 15	18.00 16	18.00 13	19.00 12	19.00 10	19.00 10	22.00 11
1961	11.00 3	11.00 3	11.00 2	12.00 2	13.00 3	15.00 5	16.00 4	16.00 5	17.00 1
1962	13.00 8	15.00 9	17.00 16	18.00 17	19.00 18	20.00 13	20.00 14	20.00 11	24.00 16
1963	12.00 4	12.00 4	12.00 3	12.00 3	12.00 2	13.00 1	14.00 2	15.00 2	18.00 5
1964	12.00 5	13.00 5	13.00 5	14.00 6	14.00 4	14.00 2	16.00 5	17.00 6	19.00 6
1965	14.00 9	15.00 10	15.00 8	15.00 8	15.00 8	15.00 6	16.00 6	17.00 7	19.00 7
1966	21.00 21	21.00 21	21.00 21	22.00 21	22.00 21	23.00 20	24.00 19	26.00 21	31.00 20
1967	12.00 6	13.00 6	14.00 6	14.00 7	14.00 5	16.00 7	16.00 7	16.00 3	17.00 2
1968	14.00 10	15.00 11	16.00 9	17.00 12	18.00 14	18.00 10	19.00 11	20.00 12	23.00 12
1969	15.00 14	16.00 14	16.00 10	16.00 9	17.00 9	18.00 11	19.00 12	20.00 13	23.00 13
1970	18.00 19	19.00 19	19.00 19	19.00 18	20.00 19	20.00 14	24.00 20	25.00 20	31.00 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,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
29.4	25.6	21.1	19.1	18.8	20.4	42.9	144	177	64.6	46.6	32.8
70.4	36.3	22.6	15.3	12.2	13.5	330	2995	6386	1203	508	327
8.39	6.03	4.75	3.91	3.50	3.67	18.2	54.7	79.9	34.7	22.5	18.1
0.69	0.91	0.59	0.60	0.51	1.10	1.27	0.68	0.65	1.05	1.77	2.34
0.29	0.24	0.23	0.20	0.19	0.18	0.42	0.38	0.45	0.54	0.48	0.55
4.57	3.98	3.27	2.97	2.92	3.18	6.67	22.5	27.6	10.1	7.25	5.11

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,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.45	1.40	1.31	1.27	1.27	1.30	1.60	2.13	2.20	1.75	1.63	1.47
0.02	0.01	0.01	0.01	0.01	0.01	0.03	0.03	0.05	0.05	0.03	0.04
0.12	0.10	0.10	0.09	0.08	0.07	0.17	0.16	0.21	0.23	0.18	0.19
-0.11	0.37	0.18	0.00	0.18	0.78	0.65	0.00	-0.57	-0.04	0.65	0.79
0.09	0.07	0.07	0.07	0.06	0.06	0.10	0.08	0.10	0.13	0.11	0.13
7.73	7.44	6.99	6.77	6.74	6.94	8.52	11.3	11.7	9.33	8.67	7.82

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
53.7	243	15.6	0.48	0.29	0.029

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
1.71	0.02	0.13	-0.10	0.07	-0.010

09118500 COCHETOPA CREEK NEAR PARLIN, COLO.

LOCATION.--Lat 38°24'00", long 106°45'53", in NW¼NW¼ sec.28, T.48 N., R.2 E., Saguache County, at Timney Ranch, 1.5 mi (2.4 km) downstream from Bead Creek, 7 mi (11 km) southwest of Parlin, and 10 mi (16 km) upstream from mouth.

DRAINAGE AREA.--361 mi² (935 km²).

REMARKS.--Transmountain diversions above station by Tarbell ditch to Saguache Creek in Rio Grande basin. Diversions for irrigation of about 5,000 acres (20.2 km²) above station.

09118500 COCHETOPA CREEK NEAR PARLIN, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN

COCHETOPA CREEK NEAR PARLIN, 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			47	42	18	47	5	17	12		3	4	14	4	2	8	6	5	13	13	20	14	2	9	10	12	9	7	7	5	6	3	1				
1942	4	4	3	2		1	9	5	19	37	111	31	29	25	11	9	18	16	11	18	7	6	2	5	7	3	7	6	8	9	15	1	1	2	2		
1943																																					
1944																																					
1945																																					
1946					4	6	2	1	35	26	32	59	48	65	26	14	16	12	7	9	1	2															
1947						2	15	49	10	18	37	19	29	5	7	6	16	22	17	22	13	4	19	18	19	8	9	1									
1948									10	5	18	45	33	39	43	27	21	10	8	6	8	5	7	12	11	6	4	12	12	7	10	7					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2922	100.0	12	28.0	206	1672	57.2	24	130	51	314	10.7
1	6.50	4	2922	100.0	13	31.0	228	1466	50.2	25	150	49	263	9.0
2	7.50	51	2918	99.9	14	36.0	137	1238	42.4	26	170	36	214	7.3
3	8.60	45	2867	98.1	15	41.0	198	1101	37.7	27	190	42	178	6.0
4	9.70	25	2822	96.6	16	46.0	126	993	34.0	28	220	38	136	4.6
5	11.00	65	2797	95.7	17	53.0	133	867	29.7	29	250	39	98	3.3
6	13.00	13	2732	93.5	18	60.0	88	764	26.1	30	290	41	59	2.0
7	14.00	51	2719	93.1	19	68.0	115	676	23.1	31	330	11	18	.6
8	16.00	201	2668	91.3	20	78.0	85	561	19.2	32	370	3	7	.2
9	19.00	192	2467	84.4	21	89.0	61	476	16.3	33	420	2	4	.1
10	21.00	347	2275	77.9	22	100.0	34	415	14.2	34	480	2	2	
11	24.00	256	1928	66.0	23	110.0	67	381	13.0					

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

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN

COCHETOPA CREEK NEAR PARLIN, CO.

YEAR	1	3	7	15	30	60	90	120	183
1941	380.0 2	357.0 2	337.0 2	293.0 3	235.0 4	209.0 4	173.0 4	149.0 4	112.0 4
1942	378.0 3	325.0 4	291.0 4	274.0 4	264.0 3	222.0 3	197.0 2	168.0 1	124.0 1
1943	104.0 7	96.0 7	85.0 7	80.0 7	70.0 7	55.0 7	46.0 8	43.0 8	45.0 7
1944	482.0 1	469.0 1	413.0 1	358.0 1	316.0 1	252.0 1	197.0 3	162.0 3	119.0 3
1945	162.0 6	154.0 6	139.0 6	122.0 6	101.0 6	75.0 6	68.0 6	71.0 6	63.0 6
1946	95.0 8	91.0 8	81.0 8	69.0 8	54.0 8	46.0 8	47.0 7	43.0 7	39.0 8
1947	244.0 5	212.0 5	202.0 5	185.0 5	169.0 5	153.0 5	137.0 5	120.0 5	103.0 5
1948	369.0 4	348.0 3	322.0 3	303.0 2	287.0 2	232.0 2	201.0 1	168.0 2	123.0 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

COCHETOPA CREEK NEAR PARLIN, CO.

YEAR	1	3	7	14	30	60	90	120	183
1942	15.00 5	16.00 5	16.00 5	16.00 4	16.00 3	17.00 1	19.00 1	19.00 1	26.00 6
1943	6.60 1	6.90 1	7.30 1	8.30 1	11.00 1	18.00 3	19.00 2	20.00 2	20.00 1
1944	11.00 3	13.00 4	15.00 4	16.00 5	17.00 4	18.00 4	19.00 3	21.00 3	23.00 4
1945	12.00 4	12.00 3	13.00 3	14.00 3	17.00 5	20.00 6	20.00 4	21.00 4	21.00 2
1946	17.00 6	17.00 6	17.00 6	18.00 6	18.00 6	19.00 5	21.00 6	23.00 6	25.00 5
1947	10.00 2	10.00 2	10.00 2	12.00 2	16.00 2	17.00 2	20.00 5	21.00 5	21.00 3
1948	20.00 7	20.00 7	21.00 7	22.00 7	24.00 7	25.00 7	27.00 7	29.00 7	34.00 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)											
28.1	27.6	22.0	17.7	19.5	26.1	79.8	144	152	70.1	60.4	34.5
152	70.9	43.1	18.8	30.4	60.7	1475	7939	7836	1186	450	455
12.3	8.42	6.57	4.33	5.52	7.79	38.4	89.1	88.5	34.4	21.2	21.3
0.59	-0.03	-0.51	-0.95	-1.15	-1.02	1.34	0.09	-0.49	0.02	0.74	1.78
0.44	0.31	0.30	0.25	0.28	0.30	0.48	0.62	0.58	0.49	0.35	0.62
4.12	4.05	3.22	2.60	2.86	3.83	11.7	21.1	22.3	10.3	8.87	5.07

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)											
1.41	1.42	1.32	1.23	1.27	1.39	1.87	2.05	2.08	1.79	1.76	1.48
0.04	0.02	0.02	0.02	0.03	0.03	0.03	0.12	0.12	0.06	0.02	0.05
0.20	0.15	0.16	0.16	0.16	0.16	0.18	0.35	0.35	0.25	0.15	0.23
-0.53	-0.97	-1.60	-1.70	-2.06	-1.69	1.16	-0.71	-0.72	-0.44	0.09	1.05
0.15	0.10	0.12	0.10	0.13	0.12	0.10	0.17	0.17	0.14	0.09	0.15
7.39	7.45	6.92	6.46	6.65	7.31	9.78	10.8	10.9	9.39	9.22	7.76

09118500 COCHETOPA CREEK NEAR PARLIN, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN 56.8	VARIANCE 345	STANDARD DEVIATION 18.6	SKEWNESS -0.45	COEFF. OF VARIATION 0.33	SERIAL CORR -0.254
--------------	-----------------	----------------------------	-------------------	-----------------------------	-----------------------

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN 1.73	VARIANCE 0.03	STANDARD DEVIATION 0.16	SKEWNESS -0.68	COEFF. OF VARIATION 0.09	SERIAL CORR -0.260
--------------	------------------	----------------------------	-------------------	-----------------------------	-----------------------

09119000 TOMICHI CREEK AT GUNNISON, COLO.

LOCATION.--Lat 38°31'18", long 106°56'25", in NE¼SW¼ sec.11, T.49 N., R.1 W., Gunnison County, on right bank 300 ft (91 m) downstream from highway bridge, 1.8 mi (2.9 km) southwest of post office in Gunnison, and 2.0 mi (3.2 km) upstream from mouth.

DRAINAGE AREA.--1,061 mi² (2,748 km²).

REMARKS.--Diversion for irrigation of about 24,000 acres (97.1 km²) above station. Water diverted above station by Larkspur ditch to Arkansas River basin since 1935 and by Tarbell ditch to Rio Grande basin since 1914.

OURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TOMICHI CREEK AT GUNNISON, 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													1	16	17	37	87	33	36	15	28	12	6	7	16	16	25	5	4	2	2								
1940										5	10		7	35	37	99	68	44	21	14	12	6	6	2															
1941														1	36	86	64	15	4	7	11	20	38	20	10	3	5	13	22	10									
1942													7	7	47	61	27	24	10	31	30	13	13	8	2	14	9	18	13	11	18	2							
1943													1	9	10	71	72	37	24	16	17	18	11	13	22	15	17	12											
1944														19	37	83	36	30	34	38	14	6	5	9	4	8	7	15	19	2									
1945														16	50	65	50	44	17	14	17	11	20	23	29	7	2												
1946													4	4	36	62	35	62	80	32	25	15	3	7															
1947													2	14	48	33	46	21	7	7	34	41	21	23	9	6	5	24	19	5									
1948													11	20	14	35	59	18	59	34	15	10	7	15	9	17	13	4	4	16	6								
1949														6	2	86	96	18	15	6	10	12	7	8	10	16	26	26	7	10	3	1							
1950								1	1			21	5	3	45	60	52	43	40	15	15	16	16	10	13	5	3	1											
1951									8	20		7	6	9	70	80	24	18	9	8	18	11	21	20	15	12	3	6											
1952												2	1	12	12	43	90	31	23	6	13	26	7	8	11	3	5	5	13	26	16	9	4						
1953													3	11	8	15	129	27	6	12	43	31	24	16	8	3	3	4	10	12									
1954								2	3	11	33	12	11	9	42	80	68	37	31	10	12	1	2	1															
1955												14	6	22	49	68	51	32	21	26	14	40	16	5	1														
1956								9	10	6	8	23	13	16	22	86	67	15	6	2	5	5	9	30	13	10	6	5											
1957													21	3	1	35	48	26	35	14	11	8	12	8	8	11	14	12	27	21	11	8	4	14	13				
1958													4	4	5	9	5	18	66	52	48	28	25	30	2	3	3	5	10	5	4	15	8	11	5				
1959										3	7	13	7	4	20	51	69	49	46	37	29	15	8	5	2														
1960												7	14	1	6	41	56	45	19	45	23	18	11	12	10	21	19	9	9										
1961														7	38	67	63	60	28	39	22	16	6	10															
1962												2	13	2	4	19	40	45	29	43	49	16	11	7	5	13	16	18	12	13	8								
1963												3	4	13	16	82	20	109	33	24	11	17	16	5	3	5	2												
1964								1	4	7	3	1	3	6	34	69	48	17	26	11	17	24	32	9	10	15	10	10	4	3	2								
1965													2	16	3	13	26	73	24	17	6	12	14	13	15	26	15	38	26	10	6	9	1						
1966												3		4	8	28	33	46	43	46	48	51	34	14	4	1	1	1											
1967													6	17	12	25	74	49	33	40	39	13	6	17	10	6													
1968														39	46	73	42	40	23	17	18	13	9	17	9	8	7	5											
1969														2	62	77	30	19	15	24	37	39	23	27	4	3	1	2											
1970																	3	71	43	19	10	28	44	38	25	18	16	7	6	14	6	7	9	1					
1971																		8	40	46	41	50	74	38	24	12	13	19											
1972														10	7	49	61	26	45	46	42	32	17	13	5	5	5	3											
1973														6	12	69	32	42	31	23	29	10	19	20	11	6	14	14	11	8	3	2	3						
1974								1	1	16		1	5	10	28	77	45	35	15	9	32	26	20	25	15	4													
1975														2	1	27	63	27	39	43	24	5	3	16	16	15	8	20	29	12	4	6	5						

09119000 TOMICHI CREEK AT GUNNISON, COLO.--Continued

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

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	13514	100.0	12	34.0	149	13120	97.1	24	300	397	1881	13.9
1	4.50	2	13514	100.0	13	40.0	368	12971	96.0	25	360	295	1484	10.9
2	5.40	4	13512	100.0	14	48.0	1093	12603	93.3	26	430	324	1189	8.7
3	6.50	1	13508	100.0	15	58.0	1678	11510	85.2	27	520	266	865	6.4
4	7.80	3	13507	99.9	16	70.0	2093	9832	72.8	28	620	222	599	4.4
5	9.30	4	13504	99.9	17	84.0	1446	7739	57.3	29	750	168	377	2.7
6	11.00	2	13500	99.9	18	100.0	1084	6293	46.6	30	900	96	209	1.5
7	13.00	18	13498	99.9	19	120.0	764	5209	38.5	31	1100	61	113	.8
8	16.00	22	13480	99.7	20	140.0	830	4445	32.9	32	1300	38	52	.3
9	19.00	51	13458	99.6	21	170.0	752	3615	26.8	33	1600	14	14	.1
10	23.00	114	13407	99.2	22	210.0	528	2863	21.2	34	1900			
11	28.00	173	13293	98.4	23	250.0	454	2335	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
TOMICHI CREEK AT GUNNISON, CO.

YEAR	1	3	7	15	30	60	90	120	183
1939	1080.0 10	1010.0 11	811.0 14	667.0 16	521.0 17	463.0 16	406.0 16	324.0 17	240.0 18
1940	276.0 35	258.0 35	239.0 35	206.0 35	173.0 36	136.0 36	123.0 36	109.0 36	95.0 36
1941	831.0 16	821.0 16	776.0 16	699.0 15	673.0 13	604.0 11	490.0 12	422.0 11	327.0 11
1942	1320.0 3	1300.0 6	1240.0 5	1230.0 3	1120.0 3	898.0 3	792.0 2	657.0 2	479.0 3
1943	728.0 18	705.0 18	675.0 18	620.0 17	544.0 16	481.0 15	444.0 15	368.0 15	300.0 15
1944	916.0 12	885.0 12	843.0 11	803.0 11	791.0 9	650.0 10	505.0 10	418.0 12	310.0 13
1945	555.0 26	522.0 25	484.0 24	403.0 25	405.0 23	372.0 19	313.0 21	284.0 20	234.0 19
1946	290.0 33	282.0 33	267.0 33	239.0 32	176.0 34	147.0 34	144.0 33	132.0 33	124.0 31
1947	860.0 15	854.0 14	798.0 15	710.0 14	652.0 15	588.0 12	482.0 14	407.0 14	336.0 10
1948	1210.0 8	1200.0 8	1130.0 8	1040.0 7	960.0 5	725.0 7	600.0 7	491.0 8	365.0 8
1949	1310.0 7	1260.0 7	1140.0 7	1050.0 6	894.0 7	764.0 6	682.0 5	590.0 5	434.0 6
1950	530.0 27	493.0 27	439.0 27	379.0 27	344.0 27	260.0 28	235.0 28	197.0 28	154.0 28
1951	615.0 21	602.0 21	567.0 21	472.0 22	414.0 22	335.0 23	293.0 24	249.0 24	196.0 24
1952	1340.0 4	1330.0 5	1300.0 4	1190.0 5	960.0 6	927.0 2	790.0 3	647.0 3	472.0 4
1953	864.0 14	851.0 15	826.0 13	751.0 12	693.0 11	662.0 17	382.0 17	337.0 16	271.0 16
1954	260.0 36	233.0 37	183.0 37	143.0 37	123.0 37	102.0 37	90.0 37	83.0 37	86.0 37
1955	251.0 37	235.0 36	208.0 36	186.0 36	177.0 33	147.0 35	143.0 34	123.0 34	110.0 34
1956	600.0 23	572.0 23	533.0 22	480.0 21	400.0 24	343.0 21	294.0 22	238.0 25	178.0 27
1957	1890.0 1	1880.0 1	1810.0 1	1640.0 1	1550.0 1	1170.0 1	987.0 1	848.0 1	642.0 1
1958	1340.0 5	1340.0 4	1320.0 3	1220.0 4	1080.0 4	854.0 5	644.0 6	509.0 7	365.0 7
1959	340.0 32	313.0 32	283.0 32	219.0 34	175.0 35	154.0 33	159.0 32	144.0 31	123.0 32
1960	600.0 24	590.0 22	574.0 20	512.0 20	427.0 20	342.0 22	339.0 18	286.0 19	219.0 21
1961	356.0 31	344.0 31	334.0 30	311.0 30	266.0 29	195.0 29	182.0 30	159.0 30	134.0 30
1962	888.0 13	885.0 13	839.0 12	721.0 13	683.0 12	570.0 13	490.0 13	408.0 13	303.0 14
1963	605.0 22	507.0 26	414.0 28	318.0 29	253.0 30	173.0 31	165.0 31	143.0 32	116.0 33
1964	768.0 17	744.0 17	682.0 17	576.0 18	479.0 18	372.0 18	315.0 19	275.0 21	217.0 23
1965	1120.0 9	1050.0 9	1010.0 9	961.0 8	780.0 10	652.0 8	584.0 8	542.0 6	439.0 5
1966	480.0 29	399.0 30	322.0 31	240.0 31	205.0 32	187.0 30	187.0 29	163.0 29	142.0 29
1967	276.0 34	267.0 34	248.0 34	234.0 33	215.0 31	157.0 32	141.0 35	121.0 35	101.0 35
1968	665.0 20	648.0 19	625.0 19	542.0 19	414.0 21	267.0 26	294.0 23	266.0 23	218.0 22
1969	715.0 19	644.0 20	480.0 25	420.0 26	364.0 25	318.0 24	286.0 25	273.0 22	231.0 20
1970	1620.0 2	1590.0 2	1540.0 2	1380.0 2	1140.0 2	879.0 4	698.0 4	592.0 4	487.0 2
1971	510.0 28	492.0 28	467.0 26	464.0 23	436.0 19	358.0 20	313.0 20	287.0 18	251.0 17
1972	555.0 25	525.0 24	507.0 23	443.0 24	362.0 26	263.0 27	236.0 27	223.0 26	182.0 25
1973	1480.0 3	1400.0 3	1210.0 6	938.0 9	818.0 8	652.0 9	541.0 9	460.0 9	346.0 9
1974	417.0 30	403.0 29	365.0 29	342.0 28	309.0 28	273.0 25	248.0 26	215.0 27	181.0 26
1975	1040.0 11	1030.0 10	932.0 10	830.0 10	670.0 14	560.0 14	495.0 11	435.0 10	325.0 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
TOMICHI CREEK AT GUNNISON, CO.

YEAR	1	3	7	14	30	60	90	120	183
1939	50.00 26	54.00 30	61.00 32	66.00 34	68.00 33	72.00 31	75.00 31	83.00 32	104.00 34
1940	39.00 18	40.00 18	42.00 18	43.00 18	52.00 19	62.00 21	66.00 22	71.00 20	70.00 14
1941	26.00 14	26.00 13	27.00 12	29.00 12	36.00 11	45.00 9	52.00 6	52.00 5	57.00 6
1942	54.00 32	58.00 33	61.00 33	63.00 32	65.00 32	67.00 27	70.00 25	74.00 26	95.00 30
1943	46.00 23	46.00 22	46.00 21	47.00 19	54.00 20	74.00 34	79.00 34	80.00 30	81.00 26
1944	50.00 27	51.00 25	54.00 26	57.00 27	61.00 28	67.00 28	70.00 26	73.00 22	86.00 28
1945	52.00 30	53.00 28	55.00 27	55.00 25	57.00 25	62.00 22	65.00 18	69.00 17	74.00 19
1946	50.00 28	50.00 24	51.00 24	52.00 23	55.00 23	59.00 18	65.00 19	73.00 23	81.00 27
1947	38.00 16	38.00 16	39.00 16	40.00 16	49.00 17	52.00 11	57.00 10	65.00 13	64.00 11
1948	44.00 21	44.00 20	45.00 19	53.00 24	63.00 29	72.00 32	77.00 33	85.00 33	102.00 33
1949	46.00 24	46.00 23	47.00 22	49.00 20	52.00 18	64.00 25	74.00 28	76.00 28	78.00 23
1950	52.00 29	53.00 29	54.00 25	56.00 26	57.00 24	58.00 15	63.00 15	69.00 18	79.00 24
1951	18.00 6	19.00 6	20.00 5	23.00 6	27.00 6	35.00 2	44.00 2	48.00 2	50.00 1
1952	22.00 7	23.00 8	24.00 7	24.00 7	28.00 7	40.00 5	52.00 7	59.00 9	62.00 9
1953	56.00 34	60.00 34	64.00 34	66.00 33	72.00 34	74.00 33	75.00 29	77.00 29	80.00 25
1954	39.00 17	39.00 17	41.00 17	42.00 17	45.00 15	62.00 23	67.00 23	72.00 21	72.00 15
1955	14.00 4	15.00 4	15.00 6	22.00 5	26.00 5	39.00 3	44.00 3	51.00 4	50.00 2

09119000 TOMICHI CREEK AT GUNNISON, 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
TOMICHI CREEK AT GUNNISON, CO.

YEAR	1	3	7	14	30	60	90	120	183
1956	23.00 10	24.00 9	25.00 8	27.00 8	31.00 8	39.00 4	50.00 5	55.00 6	58.00 7
1957	13.00 3	13.00 2	13.00 2	15.00 2	19.00 2	27.00 1	41.00 1	42.00 1	54.00 4
1958	65.00 35	68.00 35	70.00 35	72.00 35	74.00 35	76.00 35	82.00 35	87.00 34	108.00 35
1959	24.00 11	24.00 10	28.00 13	33.00 14	49.00 16	60.00 19	72.00 27	75.00 27	75.00 20
1960	22.00 8	22.00 7	25.00 9	27.00 9	39.00 12	58.00 16	59.00 11	62.00 10	73.00 16
1961	23.00 9	25.00 11	26.00 10	28.00 10	32.00 9	46.00 10	60.00 12	67.00 14	64.00 10
1962	45.00 22	52.00 26	55.00 28	58.00 28	60.00 26	63.00 24	66.00 20	74.00 24	89.00 29
1963	24.00 12	26.00 14	28.00 14	29.00 13	44.00 14	55.00 13	60.00 13	64.00 11	66.00 12
1964	12.00 2	13.00 3	14.00 3	16.00 3	25.00 3	44.00 8	48.00 4	49.00 3	51.00 3
1965	29.00 15	34.00 15	34.00 15	35.00 15	41.00 13	54.00 12	68.00 24	74.00 25	73.00 17
1966	50.00 25	53.00 27	57.00 29	59.00 29	61.00 27	69.00 29	75.00 30	81.00 31	97.00 31
1967	24.00 13	25.00 12	26.00 11	28.00 11	33.00 10	41.00 6	53.00 8	58.00 7	57.00 5
1968	4.50 1	6.30 1	7.60 1	7.90 1	18.00 1	56.00 14	64.00 16	68.00 15	66.00 13
1969	54.00 31	57.00 31	58.00 30	61.00 31	64.00 30	65.00 26	66.00 21	71.00 19	76.00 21
1970	76.00 36	77.00 36	80.00 36	86.00 37	88.00 36	91.00 36	94.00 36	99.00 36	126.00 36
1971	76.00 37	79.00 37	83.00 37	85.00 36	89.00 37	99.00 37	103.00 37	107.00 37	133.00 37
1972	55.00 33	58.00 32	59.00 31	59.00 30	64.00 31	72.00 30	76.00 32	89.00 35	102.00 32
1973	41.00 19	43.00 19	45.00 20	49.00 21	54.00 21	61.00 20	64.00 17	69.00 16	76.00 22
1974	44.00 20	45.00 21	48.00 23	51.00 22	54.00 22	59.00 17	60.00 14	65.00 12	73.00 18
1975	15.00 5	18.00 5	20.00 4	20.00 4	26.00 4	41.00 7	53.00 9	59.00 8	58.00 8

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
88.3	101	75.6	65.8	67.6	108	257	391	449	186	161	84.5
1859	595	206	181	127	1543	14260	65930	94240	26680	7327	3757
43.1	24.4	14.4	13.4	11.3	39.3	119	257	307	163	85.6	61.3
1.01	0.68	0.61	1.54	0.33	2.63	0.91	0.79	1.15	2.31	1.49	1.98
0.49	0.24	0.19	0.20	0.17	0.36	0.46	0.66	0.68	0.88	0.53	0.73
4.34	4.95	3.72	3.23	3.32	5.32	12.6	19.2	22.1	9.13	7.92	4.15

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.90	1.99	1.87	1.81	1.82	2.01	2.36	2.49	2.54	2.14	2.16	1.84
0.04	0.01	0.01	0.01	0.01	0.02	0.04	0.11	0.11	0.11	0.04	0.08
0.21	0.10	0.08	0.08	0.07	0.13	0.21	0.33	0.33	0.33	0.21	0.28
0.08	0.16	0.01	0.76	-0.12	1.38	-0.35	-0.42	-0.50	0.27	0.36	0.28
0.11	0.05	0.04	0.05	0.04	0.06	0.09	0.13	0.13	0.16	0.10	0.15
7.61	7.98	7.50	7.26	7.32	8.08	9.48	9.97	10.2	8.58	8.65	7.37

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
170	4993	70.7	0.68	0.42	0.060

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.19	0.03	0.18	-0.08	0.08	0.086

09120500 GUNNISON RIVER AT IOLA, COLO.

LOCATION.--Lat 38°28'57", long 107°05'18", in NW¼NW¼ sec.28, T.49 N., R.2 W., Gunnison County, on right bank 1,000 ft (300 m) upstream from bridge on State Highway 149, 0.3 mi (0.5 km) upstream from Stevens Creek, and 0.6 mi (1.0 km) northeast of Iola.

DRAINAGE AREA.--2,352 mi² (6,092 km²).

REMARKS.--Flow partly regulated by Taylor Park Reservoir since September 1937. Diversions for irrigation of about 51,000 acres (206 km²) above station.

09120500 GUNNISON RIVER AT IOLA, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
GUNNISON RIVER AT IOLA, 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										
1939		4	17	18	5	13	24	30	13	15	13	22	NUMBER OF DAYS IN CLASS														9	5	9	15	43	27	10	14	2	5	3	26	7	5	8	3			
1940		2	37	16	26	28	21	35	8	18	29	15	12	20	33	31	7	3	15	3	7																								
1941			5	20	76	60	10	6	4	4	18	12	3	9	10	24	11	9	11	5	10	6	7	3	10	15	10	4	1	2															
1942			1	38	47	5	6	14	16	25	14	9	18	18	30	16	5	10	5	8	10	15	6	9	5	3	3	6	11	12															
1943		1	3	13	24	22	28	35	38	13	1	1	5	11	19	18	19	15	16	3	10	5	9	5	6	17	11	15	2																
1944				3	41	69	19	2	17	28	21	14	13	11	20	27	6	7	2	2	1	6	2	1	12	7	16	12	7																
1945				18	84	65	14	11	8	1			14	10	7	14	16	10	11	7	15	21	17	11	6	5																			
1946				13	39	28	21	41	21	19	13	5	4	23	31	31	14	5	17	9	10	2	2	2	1	3	3	8																	
1947			5	27	18	26	26	22	25	30	4	7	8	15	18	10	25	11	4	2	4	5	6	11	12	18	7	11	1	7															
1948				1	4	35	36	15	34	30	10	16	18	27	45	5	5	3	4	8	15	4	6	8	4	2	2	3	14	7	4	1													
1949				16	60	33	19	50	7	7	3	5	3	8	23	19	9	4	3	11	6	18	10	11	13	6	3	4	6	1	4	2	1												
1950				2	40	53	21	7	39	22	5	6	5	14	25	33	11	12	7	11	11	11	8	12	10																				
1951		1	1	13	67	52	37	4	5	6	5	6	3	17	29	34	14	12	2	10	4	15	3	4	9	4	7	1																	

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4748	100.0	12	490.0	127	2376	50.0	24	2100	72	516	10.8
1	130.00	4	4748	100.0	13	550.0	101	2249	47.4	25	2300	83	444	9.3
2	150.00	20	4744	99.9	14	620.0	155	2148	45.2	26	2600	123	351	7.6
3	170.00	69	4724	99.5	15	700.0	219	1993	42.0	27	3000	58	238	5.0
4	190.00	96	4655	98.0	16	790.0	325	1774	37.4	28	3300	69	180	3.7
5	210.00	286	4559	96.0	17	890.0	293	1449	30.5	29	3800	29	111	2.3
6	240.00	528	4273	90.0	18	1000.0	113	1156	24.3	30	4200	36	82	1.7
7	270.00	417	3745	78.9	19	1100.0	138	1043	22.0	31	4800	27	46	.9
8	300.00	303	3328	70.1	20	1300.0	53	905	19.1	32	5400	11	19	.4
9	340.00	235	3025	63.7	21	1400.0	107	852	17.9	33	6100	6	8	.1
10	380.00	204	2790	58.8	22	1600.0	82	745	15.7	34	6800	2	2	
11	430.00	210	2586	54.5	23	1800.0	147	663	14.0					

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
GUNNISON RIVER AT IOLA, CO.

YEAR	1	3	7	15	30	60	90	120	183									
1939	3210.0	10	3170.0	10	2940.0	10	2610.0	10	2370.0	11	2050.0	9	1690.0	11	1490.0	11	1270.0	10
1940	1560.0	13	1460.0	13	1380.0	13	1280.0	13	1250.0	13	993.0	13	869.0	13	846.0	13	732.0	13
1941	4620.0	6	4310.0	6	3920.0	6	3300.0	7	3030.0	6	2640.0	6	2170.0	7	1850.0	7	1430.0	7
1942	5350.0	3	5250.0	3	5160.0	3	4890.0	3	4620.0	2	3510.0	2	2930.0	2	2460.0	2	1870.0	2
1943	3890.0	8	3700.0	8	3420.0	8	3220.0	8	3030.0	7	2590.0	7	2450.0	6	2070.0	6	1660.0	6
1944	4690.0	5	4590.0	4	4230.0	4	3980.0	4	3880.0	4	3430.0	3	2680.0	4	2230.0	4	1670.0	5
1945	2740.0	12	2730.0	11	2560.0	12	2380.0	12	2070.0	12	1980.0	11	1750.0	10	1590.0	9	1250.0	11
1946	3780.0	9	3710.0	7	3570.0	7	3310.0	6	2460.0	9	1770.0	12	1530.0	12	1340.0	12	1100.0	12
1947	4720.0	4	4500.0	5	4040.0	5	3810.0	5	3390.0	5	2980.0	5	2620.0	5	2200.0	5	1690.0	4
1948	6840.0	2	6650.0	1	6210.0	1	5730.0	1	5430.0	1	4030.0	1	3230.0	1	2650.0	1	2030.0	1
1949	6970.0	1	6620.0	2	6120.0	2	5230.0	2	4270.0	3	3340.0	4	2860.0	3	2440.0	3	1850.0	3
1950	2800.0	11	2690.0	12	2650.0	11	2570.0	11	2400.0	10	2030.0	10	1810.0	9	1560.0	10	1300.0	9
1951	3930.0	7	3660.0	9	3400.0	9	3080.0	9	2700.0	8	2270.0	8	1870.0	8	1650.0	8	1330.0	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
GUNNISON RIVER AT IOLA, CO.

YEAR	1	3	7	14	30	60	90	120	183									
1939	130.00	1	134.00	1	145.00	1	153.00	1	160.00	1	196.00	2	216.00	2	237.00	3	302.00	9
1940	160.00	2	165.00	2	171.00	2	178.00	2	179.00	2	188.00	1	203.00	1	221.00	1	281.00	4
1941	170.00	4	173.00	3	184.00	3	191.00	4	201.00	4	211.00	3	219.00	3	224.00	2	234.00	1
1942	200.00	7	213.00	8	221.00	7	226.00	7	227.00	7	233.00	7	238.00	6	271.00	10	372.00	12
1943	163.00	3	178.00	4	185.00	4	193.00	5	207.00	5	223.00	6	243.00	7	262.00	9	298.00	8
1944	230.00	12	238.00	12	242.00	11	253.00	11	263.00	12	266.00	11	266.00	11	272.00	11	339.00	11
1945	220.00	10	220.00	9	222.00	8	227.00	8	234.00	8	244.00	9	253.00	10	254.00	6	266.00	2
1946	200.00	8	200.00	6	200.00	6	206.00	6	209.00	6	218.00	5	233.00	5	248.00	4	290.00	5
1947	180.00	5	185.00	5	188.00	5	190.00	3	194.00	3	213.00	4	229.00	4	250.00	5	292.00	6
1948	255.00	13	265.00	13	296.00	13	307.00	13	323.00	13	329.00	13	345.00	13	370.00	13	444.00	13
1949	220.00	9	225.00	10	235.00	10	239.00	10	242.00	10	248.00	10	252.00	9	261.00	8	294.00	7
1950	230.00	11	233.00	11	244.00	12	254.00	12	257.00	11	268.00	12	273.00	12	278.00	12	330.00	10
1951	180.00	6	203.00	7	224.00	9	231.00	9	237.00	9	242.00	8	248.00	8	255.00	7	277.00	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)									
418		364	290	255	235	308	942	2187	2842	1245	910	706
14900		7723	3677	1147	1942	5539	184000	611800	1012000	165300	9047	12090
122		87.9	60.6	33.9	44.1	74.4	429	792	1006	407	95.1	110
0.63		0.64	1.56	1.71	0.77	2.36	0.70	0.78	-0.33	0.68	0.41	-0.72
0.29		0.24	0.21	0.13	0.19	0.24	0.46	0.36	0.35	0.33	0.10	0.16
3.91		3.40	2.71	2.39	2.20	2.88	8.81	20.4	26.6	11.6	8.50	6.60

09120500 GUNNISON RIVER AT IOLA, 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)											
2.60	2.55	2.45	2.40	2.36	2.48	2.93	3.31	3.42	3.07	2.96	2.84
0.02	0.01	0.01	0.00	0.01	0.01	0.04	0.03	0.04	0.02	0.00	0.01
0.13	0.10	0.08	0.05	0.08	0.09	0.20	0.16	0.19	0.14	0.05	0.07
0.02	0.22	0.94	1.34	0.18	1.72	0.13	-0.32	-1.56	-0.04	0.01	-1.37
0.05	0.04	0.03	0.02	0.03	0.04	0.07	0.05	0.06	0.05	0.02	0.03
7.80	7.63	7.35	7.20	7.08	7.42	8.78	9.92	10.2	9.20	8.85	8.51

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
893	39430	199	-0.13	0.22	0.350

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.94	0.01	0.10	-0.79	0.04	0.313

09121500 CEBOLLA CREEK NEAR LAKE CITY, COLO.

LOCATION.--Lat 38°58'52", long 107°10'05", in NE¼SW¼ sec.14, T.43 N., R.3 W., Hinsdale County, on left bank 10 ft (3 m) downstream from Tumble Creek and 9 mi (14 km) southeast of Lake City.

DRAINAGE AREA.--25.2 mi² (65.3 km²).

REMARKS.--Transmountain diversions above station by Tabor ditch to North Clear Creek in Rio Grande basin.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CEBOLLA CREEK NEAR LAKE CITY, 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																																					
1947						59	92	2	7	16	14	22	53	9	8	4	7	2	5	7	5	6	6	6	3	5	10	8	3	3	2	1					
1948						91	31	34	26	26	17	48	9	9	6	2	3	11	4	4	5	5	2	4	5	9	5	3	3	4							
1949						59	72	50	13	23	16	7	11	9	6	9	7	6	7	6	7	6	3	6	6	11	7	10	3	4	6	5	1	2			
1950						25	106	48	15	43	35	10	14	10	7	13	9	10	7	5	2	4	2														
1951						14	101	80	29	14	49	11	14	3	3	9	13	6	3	2	5	1	1				1	1	1	1							
1952	1		1	4	1	2	91	79	4	6	14	8	17	12	16	5	8	37	4	3	1	2	3	28		1	2	2	2	2	5	5					
1953						4	141	59	46	12	7	7	33	3	4	2	28	3	4			1				2	3	1	1	2	1	1					
1954						68	56	74	23	21	25	20	12	19	6	7	9	6	11	7	1																

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2922	100.0	12	8.8	165	1168	40.0	24	44	50	211	7.2
1	2.00	1	2922	100.0	13	10.0	179	1003	34.3	25	51	16	161	5.5
2	2.30	0	2921	100.0	14	12.0	134	824	28.2	26	58	26	145	4.9
3	2.60	1	2921	100.0	15	13.0	83	690	23.6	27	66	26	119	4.0
4	3.00	4	2920	99.9	16	15.0	50	607	20.8	28	76	31	93	3.1
5	3.40	1	2916	99.8	17	17.0	52	557	19.1	29	87	16	62	2.1
6	3.90	75	2915	99.8	18	20.0	113	505	17.3	30	99	16	46	1.5
7	4.50	356	2840	97.2	19	23.0	43	392	13.4	31	110	17	30	1.0
8	5.10	533	2484	85.0	20	26.0	55	349	11.9	32	130	10	13	.4
9	5.90	382	1951	66.8	21	30.0	33	294	10.1	33	150	1	3	.1
10	6.70	237	1569	53.7	22	34.0	29	261	8.9	34	170	2	2	
11	7.70	164	1332	45.6	23	39.0	21	232	7.9					

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CEBOLLA CREEK NEAR LAKE CITY, CO.

YEAR	1	3	7	15	30	60	90	120	183
1947	130.0 3	115.0 4	111.0 4	85.0 4	77.0 3	62.0 3	48.0 3	39.0 3	29.0 3
1948	135.0 2	132.0 2	114.0 2	94.0 3	93.0 2	66.0 2	50.0 2	41.0 2	30.0 2
1949	182.0 1	166.0 1	153.0 1	134.0 1	111.0 1	86.0 1	68.0 1	55.0 1	39.0 1
1950	52.0 7	51.0 7	46.0 7	42.0 7	34.0 6	28.0 6	23.0 6	20.0 6	15.0 6
1951	95.0 6	82.0 6	62.0 6	46.0 6	34.0 7	25.0 7	20.0 7	17.0 7	13.0 7
1952	120.0 5	115.0 3	111.0 3	100.0 2	75.0 4	57.0 4	45.0 4	38.0 4	28.0 4
1953	122.0 4	107.0 5	87.0 5	64.0 5	43.0 5	30.0 5	24.0 5	20.0 5	16.0 5
1954	36.0 8	34.0 8	32.0 8	30.0 8	26.0 8	21.0 8	17.0 8	16.0 8	13.0 8

GUNNISON RIVER BASIN

09121500 CEBOLLA CREEK NEAR LAKE CITY, 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
CEBOLLA CREEK NEAR LAKE CITY, CO.

YEAR	1	3	7	14	30	60	90	120	183
1948	5.10 4	5.10 4	5.10 4	5.10 4	5.10 4	5.10 4	5.30 4	5.60 5	6.80 6
1949	5.50 5	5.50 5	5.50 5	5.50 5	5.50 5	5.50 5	5.70 6	5.90 6	6.40 5
1950	6.00 7	6.00 7	6.00 7	6.00 7	6.00 7	6.00 7	6.20 7	6.40 7	7.60 7
1951	4.50 2	4.50 2	4.50 2	4.50 2	4.50 1	4.70 2	4.80 2	5.00 2	5.20 2
1952	2.00 1	2.60 1	3.00 1	4.00 1	4.50 2	4.50 1	4.70 1	4.80 1	4.90 1
1953	5.50 6	5.50 6	5.50 6	5.50 6	5.50 6	5.50 6	5.50 5	5.50 4	5.80 4
1954	5.00 3	5.00 3	5.00 3	5.00 3	5.00 3	5.00 3	5.20 3	5.40 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)											
7.60	6.53	5.67	5.15	5.07	5.65	13.6	46.5	43.7	16.2	9.45	7.37
3.78	2.60	0.76	0.73	0.39	0.12	15.3	354	1087	98.2	7.39	3.39
1.94	1.61	0.87	0.86	0.62	0.35	3.91	18.8	33.0	9.91	2.72	1.84
0.63	1.19	0.29	0.49	-0.38	-0.69	0.44	0.50	0.97	2.04	0.67	0.14
0.26	0.25	0.15	0.17	0.12	0.06	0.29	0.41	0.76	0.61	0.29	0.25
4.41	3.79	3.29	2.99	2.94	3.28	7.86	27.0	25.3	9.42	5.48	4.27

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	0.80	0.75	0.71	0.70	0.75	1.12	1.64	1.52	1.16	0.96	0.86
0.01	0.01	0.00	0.01	0.00	0.00	0.02	0.03	0.12	0.05	0.01	0.01
0.11	0.10	0.07	0.07	0.05	0.03	0.13	0.18	0.35	0.22	0.12	0.11
0.22	0.95	0.10	0.21	-0.67	-0.82	-0.12	0.03	-0.02	1.11	0.37	-0.11
0.13	0.12	0.09	0.10	0.08	0.04	0.11	0.11	0.23	0.19	0.13	0.13
7.34	6.80	6.34	5.97	5.94	6.35	9.43	13.8	12.9	9.78	8.12	7.23

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
14.4	25.3	5.03	0.52	0.35	0.213

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.14	0.02	0.15	0.17	0.13	0.233

09121800 CEBOLLA CREEK NEAR POWDERHORN, COLO.

LOCATION.--Lat 38°13'39", long 107°04'22", in SW¼NW¼ sec.23, T.46 N., R.2 W., Gunnison County, on right bank 50 ft (15 m) downstream from private bridge, 1.8 mi (2.9 km) upstream from Road Beaver Creek, and 4.6 mi (7.4 km) southeast of Powderhorn.

DRAINAGE AREA.--248 mi² (642 km²).

REMARKS.--Transmountain diversions above station by Tabor ditch to North Clear Creek in Rio Grande basin. Small diversions above station for irrigation of hay meadows.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CEBOLLA CREEK NEAR POWDERHORN, 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	
1961		1	11	18	33	14	30	23	15	24	35	13	14	34	28	14	7	7	5	11	7	5	5	7	3	1										
1962					2	8	51	17	34	22	25	16	26	23	15	9	4	9	9	5	1	2	2	7	9	8	11	17	13	5	5	4	2	3	1	
1963							23	35	39	39	55	55	40	23	15	16	3	1	8	3	2	2	1		5											

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1095	100.0	12	46.0	80	437	41.7	24	170	17	87	7.9
1	14.00	1	1095	100.0	13	51.0	80	377	34.4	25	190	9	70	6.3
2	16.00	11	1094	99.9	14	57.0	58	297	27.1	26	210	11	61	5.5
3	17.00	18	1083	98.9	15	63.0	39	239	21.8	27	230	17	50	4.5
4	19.00	35	1065	97.3	16	70.0	14	200	18.3	28	260	13	33	3.0
5	22.00	22	1030	94.1	17	78.0	17	186	17.0	29	290	5	20	1.8
6	24.00	104	1008	92.1	18	87.0	22	169	15.4	30	320	5	15	1.3
7	27.00	75	904	82.6	19	97.0	19	147	13.4	31	350	4	10	.9
8	30.00	88	829	75.7	20	110.0	10	128	11.7	32	390	2	6	.5
9	33.00	85	741	67.7	21	120.0	9	118	10.8	33	440	3	4	.3
10	37.00	115	656	59.9	22	130.0	8	109	10.0	34	490	1	1	
11	41.00	84	541	49.4	23	150.0	14	101	9.2					

09121800 CEBOLLA CREEK NEAR POWDERHORN, 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

CEBOLLA CREEK NEAR POWDERHORN, CO.

YEAR	1	3	7	15	30	60	90	120	183
1961	208.0 2	179.0 3	171.0 2	156.0 2	128.0 2	112.0 2	93.0 2	81.0 2	71.0 2
1962	505.0 1	492.0 1	449.0 1	371.0 1	333.0 1	287.0 1	250.0 1	209.0 1	153.0 1
1963	189.0 3	184.0 2	166.0 3	128.0 3	97.0 3	79.0 3	68.0 3	60.0 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

CEBOLLA CREEK NEAR POWDERHORN, CO.

YEAR	1	3	7	14	30	60	90	120	183
1961	14.00 1	15.00 1	16.00 1	17.00 1	18.00 1	22.00 1	23.00 1	22.00 1	26.00 1
1962	16.00 2	19.00 2	24.00 2	24.00 2	24.00 2	27.00 2	27.00 2	28.00 2	34.00 2
1963	26.00 3	26.00 3	26.00 3	26.00 3	27.00 3	28.00 3	29.00 3	31.00 3	35.00 3

09122000 CEBOLLA CREEK AT POWDERHORN, COLO.

LOCATION.--Lat 38°17'29", long 107°06'50", in SE¼SE¼ sec.29, T.47 N., R.2 W., Gunnison County, on left bank 200 ft (61 m) downstream from bridge on State Highway 149, 250 ft (76 m) downstream from Powderhorn Creek, and 0.7 mi (1.1 km) north of Powderhorn.

DRAINAGE AREA.--340 mi² (881 km²).

REMARKS.--Transmountain diversions above station by Tabor ditch to North Clear Creek in Rio Grande basin. Diversions for irrigation of about 2,800 acres (11.3 km²) above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENOING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CEBOLLA CREEK AT POWDERHORN, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	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			2	63	61	6	26	36	28	12	19	23	16	11	6	1	7	4	17	10	9	5	3															
1940	1	3	11	37	77	70	60	45	8	8	6	12	16	1	4	2	5																					
1941			1	36	59	46	25	10	9	19	24	10	13	5	13	5	13	4	9	7	4	8	12	10	5	5	7	3	1	2								
1942				6	28	46	16	26	26	33	22	27	34	13	14	4	17	10	8	2	8	4	8	5	5	4	5	7	7	5	1							
1943				28	1	93	22	28	26	12	8	21	34	17	16	5	21	11	13	5	3	1																
1944			1	61	62	5	4	13	26	27	31	9	25	4	10	11	12	2	3	4	2	1	4	2	6	1	12	5	3	7	5	5	2	1				
1945			1	44	23	28	28	33	20	34	20	21	15	8	21	10	18	6	9	9	8	4	5															
1946					14	95	48	27	19	32	43	17	5	20	6	27	4	4	3	1																		
1947					16	68	28	40	21	13	5	17	23	15	17	6	18	1	21	9	7	11	11	6	4	4	4	1	1	2								
1948			5	2	11	58	55	35	16	27	22	33	8	5	1	8	7	10	2	7	5	6	4	4	10	9	7	3	1									
1949			1	7	62	67	40	17	26	8	12	4	8	2	11	4	3	6	4	4	13	16	24	13	1	3	6	2	1									
1950				3	35	38	66	83	34	24	6	18	12	20	3	10	9	2	2																			
1951		2	9	4	16	47	107	45	33	19	14	10	12	20	10	7	2	2		1	3	2																
1952		1	1	5	56	38	29	33	20	6	18	19	33	11	16	3	6	4	6	11	8	7	7	10	7	5	2	4										
1953					5	20	98	71	41	27	22	17	20	7	10	2	9	1	5	1	4																	
1954					1	28	78	93	51	26	19	28	29	7	2	2		1																				
1955		5	18	55	85	43	40	6	8	16	20	22	17	9	8	4	5	1	1		2																	

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	6209	100.0	12	81.0	318	1990	32.1	24	380	53	277	4.4
1	20.00	3	6209	100.0	13	93.0	353	1672	26.9	25	430	56	224	3.6
2	23.00	18	6206	100.0	14	110.0	142	1319	21.2	26	490	42	168	2.7
3	26.00	39	6188	99.7	15	120.0	197	1177	19.0	27	550	37	126	2.0
4	29.00	351	6149	99.0	16	140.0	67	980	15.8	28	630	30	89	1.4
5	33.00	532	5798	93.4	17	150.0	190	913	14.7	29	710	22	59	.9
6	38.00	697	5266	84.8	18	180.0	68	723	11.6	30	810	17	37	.5
7	43.00	797	4569	73.6	19	200.0	112	655	10.5	31	920	7	20	.3
8	49.00	651	3772	60.8	20	230.0	71	543	8.7	32	1000	7	13	.2
9	56.00	463	3121	50.3	21	260.0	70	472	7.6	33	1200	5	6	
10	63.00	326	2658	42.8	22	290.0	52	402	6.5	34	1400	1	1	
11	72.00	342	2332	37.6	23	330.0	73	350	5.6					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CEBOLLA CREEK AT POWDERHORN, CO.

YEAR	1	3	7	15	30	60	90	120	183
1939	355.0 10	350.0 9	300.0 10	265.0 10	261.0 9	224.0 8	181.0 8	149.0 9	116.0 10
1940	177.0 16	156.0 16	153.0 16	134.0 16	112.0 16	94.0 16	78.0 16	67.0 16	58.0 17
1941	861.0 5	819.0 5	724.0 5	594.0 5	485.0 5	434.0 5	352.0 5	296.0 5	220.0 5
1942	930.0 3	887.0 4	825.0 3	767.0 3	676.0 3	503.0 4	407.0 4	338.0 4	248.0 4
1943	323.0 12	300.0 12	273.0 11	239.0 11	210.0 11	174.0 10	147.0 10	126.0 10	124.0 9
1944	1520.0 1	1390.0 1	1170.0 1	943.0 1	856.0 1	667.0 1	497.0 1	399.0 1	287.0 1
1945	370.0 9	337.0 10	314.0 9	287.0 8	274.0 8	221.0 9	180.0 9	165.0 8	137.0 8

GUNNISON RIVER BASIN

09122000 CEBOLLA CREEK AT POWDERHORN, 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
CEBOLLA CREEK AT POWDERHORN, CO.

YEAR	1	3	7	15	30	60	90	120	183
1946	270.0 14	252.0 14	237.0 13	198.0 12	161.0 12	157.0 11	137.0 11	123.0 11	105.0 11
1947	755.0 6	662.0 7	611.0 7	460.0 7	381.0 7	350.0 7	300.0 7	253.0 7	202.0 6
1948	1280.0 2	1230.0 2	1050.0 2	815.0 2	707.0 2	540.0 2	430.0 3	349.0 3	254.0 3
1949	924.0 4	894.0 3	820.0 4	726.0 4	595.0 4	511.0 3	463.0 2	390.0 2	284.0 2
1950	245.0 15	222.0 15	195.0 15	177.0 14	147.0 13	144.0 13	128.0 12	111.0 13	91.0 13
1951	328.0 11	300.0 11	259.0 12	188.0 13	147.0 14	121.0 14	101.0 15	88.0 15	75.0 15
1952	692.0 7	670.0 6	622.0 6	523.0 6	395.0 6	380.0 6	310.0 6	257.0 6	200.0 7
1953	472.0 8	394.0 8	337.0 8	278.0 9	217.0 10	152.0 12	127.0 13	117.0 12	97.0 12
1954	173.0 17	145.0 17	122.0 17	100.0 17	91.0 17	75.0 17	66.0 17	66.0 17	64.0 16
1955	278.0 13	253.0 13	202.0 14	158.0 15	138.0 15	119.0 15	102.0 14	89.0 14	76.0 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
CEBOLLA CREEK AT POWDERHORN, CO.

YEAR	1	3	7	14	30	60	90	120	183
1939	30.00 10	30.00 8	30.00 4	30.00 4	30.00 4	30.00 1	32.00 1	34.00 3	49.00 11
1940	27.00 6	28.00 5	30.00 5	32.00 8	32.00 7	34.00 6	35.00 6	38.00 8	40.00 4
1941	22.00 3	23.00 1	25.00 1	26.00 1	29.00 1	32.00 4	34.00 4	35.00 4	37.00 2
1942	35.00 13	36.00 13	39.00 14	40.00 14	40.00 12	42.00 12	43.00 12	48.00 16	63.00 17
1943	30.00 11	30.00 9	30.00 6	30.00 5	31.00 5	34.00 7	36.00 7	37.00 5	43.00 6
1944	26.00 5	30.00 10	30.00 7	30.00 6	30.00 2	30.00 2	32.00 2	32.00 1	43.00 7
1945	28.00 7	29.00 6	30.00 8	30.00 7	31.00 6	32.00 5	34.00 5	37.00 6	44.00 8
1946	41.00 17	41.00 17	42.00 16	42.00 16	43.00 16	44.00 13	45.00 13	46.00 14	54.00 14
1947	35.00 14	36.00 14	36.00 12	38.00 12	38.00 11	39.00 11	40.00 11	43.00 11	47.00 10
1948	29.00 8	30.00 7	34.00 10	37.00 11	41.00 13	44.00 14	45.00 14	46.00 12	56.00 15
1949	37.00 15	39.00 16	42.00 17	43.00 17	44.00 17	46.00 15	47.00 16	47.00 15	51.00 12
1950	38.00 16	38.00 15	40.00 15	41.00 15	42.00 14	47.00 17	50.00 17	51.00 17	56.00 16
1951	20.00 1	26.00 3	30.00 9	33.00 9	36.00 9	37.00 8	38.00 9	38.00 7	40.00 3
1952	22.00 2	24.00 2	25.00 2	29.00 2	35.00 8	37.00 9	37.00 8	41.00 9	42.00 5
1953	33.00 12	34.00 12	37.00 13	39.00 13	43.00 15	46.00 16	46.00 15	46.00 13	51.00 13
1954	30.00 9	33.00 11	35.00 11	37.00 10	38.00 10	38.00 10	40.00 10	41.00 10	44.00 9
1955	25.00 4	27.00 4	29.00 3	30.00 3	30.00 3	31.00 3	32.00 3	33.00 2	36.00 1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
62.9	49.8	43.7	39.8	39.2	45.7	120	291	256	106	93.1	63.1
395	116	67.7	62.9	37.3	37.6	2150	38270	35730	5401	945	507
19.9	10.8	8.23	7.93	6.11	6.13	46.4	196	189	73.5	30.7	22.5
0.62	0.87	0.31	0.46	-0.29	-0.60	0.51	0.89	0.69	1.61	0.03	0.86
0.32	0.22	0.19	0.20	0.16	0.13	0.39	0.67	0.74	0.69	0.33	0.36
5.20	4.11	3.62	3.29	3.24	3.78	9.90	24.0	21.2	8.75	7.70	5.22

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.78	1.69	1.63	1.59	1.59	1.66	2.05	2.37	2.28	1.94	1.94	1.78
0.02	0.01	0.01	0.01	0.00	0.00	0.03	0.09	0.12	0.08	0.02	0.02
0.14	0.09	0.08	0.09	0.07	0.06	0.17	0.30	0.35	0.28	0.16	0.15
0.15	0.20	0.01	0.14	-0.47	-0.80	0.15	0.02	-0.10	0.31	-0.55	0.14
0.08	0.05	0.05	0.05	0.04	0.04	0.08	0.13	0.15	0.14	0.08	0.09
7.98	7.57	7.33	7.14	7.12	7.43	9.19	10.6	10.2	8.70	8.72	7.96

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
101	1757	41.9	0.42	0.42	0.156

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.97	0.03	0.18	0.03	0.09	0.185

GUNNISON RIVER BASIN

09122500 SOAP CREEK NEAR SAPINERO, COLO.

LOCATION.--Lat 38°33'39", long 107°18'58", Gunnison County, on right bank 1.2 mi (1.9 km) upstream from Cow Creek and 6 mi (10 km) north of Sapinero.

DRAINAGE AREA.--57.4 mi² (148.7 km²).

REMARKS.--One small diversion for irrigation of hay meadows above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOAP CREEK NEAR SAPINERO, 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																																					
1956			12	20	29	125	10	26	7	8	5	6	5	5	22	2	2	3	4	2	2	1	4	4	12	7	13	11	17	2								
1957	1	11	12	10	19	98	31		13	5	9	4	6	9	5	5	2	6	8	5	6	12	11	10	4	5	4	4	8	12	12	10	5	3				
1958			12	13	9	13	18	99	70	27	10	5	2	3	2	2	3	1	3	2	2	2	6	11	8	3	4	11	11	13								
1959	3	1	34	61	67	19	24	16	13	9	12	5	4	4	1	2	5	11	3	4	8	4	8	8	12	16	5	5	1									
1960		16	6	10	49	45	44	8	19	5	23	21	13	11	3	2	2	3	4	8	3	3	4	16	24	14	3	5	2									
1961		14	12	65	63	18	26	22	15	11	10	6	15	6	4	7	3	3	5	4	8	4	3	12	8	9	12											
1962	7	4	3	7	4	15	68	24	37	14	40	19	6	8	9	6	1	2	4	1	1	4	1	9	11	13	23	12	10	2								
1963	6	5	76	23	66	17	31	14	7	13	10	2	3	3	1	2	12	7	8	9	18	6	4	9	6	5	2											
1964			81	44	37	35	21	12	4	5	9	8	10	11	9	10	3	3	8	4	4	3	5	4	13	4	4	7	4									
1965			48	64	54	6	5	1	1	3	10	9	18	13	4	4	4	5	2	8	6	4	4	9	7	14	23	7	27	5								
1966		1	19	13	9	9	32	33	76	15	16	10	19	12	3	2	4	3	2	5	13	16	7	13	20	3	5	5										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4018	100.0	12	17.0	99	1406	35.0	24	140	109	639	15.9
1	2.30	17	4018	100.0	13	20.0	104	1307	32.5	25	170	114	530	13.1
2	2.90	64	4001	99.6	14	24.0	101	1203	29.9	26	200	113	416	10.3
3	3.40	311	3937	98.0	15	29.0	44	1102	27.4	27	240	95	303	7.5
4	4.10	338	3626	90.2	16	35.0	44	1058	26.3	28	290	63	208	5.1
5	4.90	506	3288	81.8	17	41.0	41	1014	25.2	29	350	68	145	3.6
6	5.80	281	2782	69.2	18	49.0	50	973	24.2	30	420	34	77	1.9
7	7.00	321	2501	62.2	19	59.0	47	923	23.0	31	500	25	43	1.0
8	8.30	155	2180	54.3	20	70.0	53	876	21.8	32	600	10	18	.4
9	10.00	292	2025	50.4	21	84.0	70	823	20.5	33	710	5	8	.1
10	12.00	155	1733	43.1	22	100.0	63	753	18.7	34	850	3	3	
11	14.00	172	1578	39.3	23	120.0	51	690	17.2					

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOAP CREEK NEAR SAPINERO, CO.

YEAR	1	3	7	15	30	60	90	120	183									
1956	372.0	7	355.0	7	336.0	6	286.0	6	243.0	5	187.0	5	146.0	5	99.0	5		
1957	900.0	1	883.0	1	817.0	1	672.0	1	634.0	1	479.0	1	395.0	1	319.0	1	217.0	1
1958	580.0	2	562.0	2	552.0	2	518.0	2	474.0	2	364.0	2	271.0	3	207.0	3	140.0	3
1959	370.0	8	355.0	8	306.0	8	238.0	10	229.0	7	197.0	7	153.0	8	119.0	9	81.0	9
1960	380.0	6	360.0	6	314.0	7	241.0	9	228.0	8	187.0	8	169.0	6	133.0	6	90.0	6
1961	256.0	10	252.0	10	249.0	10	244.0	8	209.0	10	169.0	10	126.0	10	98.0	10	68.0	10
1962	436.0	5	426.0	5	402.0	5	335.0	5	317.0	4	274.0	4	244.0	4	191.0	4	129.0	4
1963	254.0	11	244.0	11	231.0	11	198.0	11	164.0	11	122.0	11	101.0	11	79.0	11	55.0	11
1964	478.0	3	463.0	3	436.0	3	391.0	4	305.0	5	214.0	6	156.0	7	123.0	7	84.0	7
1965	454.0	4	446.0	4	428.0	4	404.0	3	356.0	3	312.0	3	294.0	2	243.0	2	168.0	2
1966	326.0	9	317.0	9	302.0	9	263.0	7	211.0	9	174.0	9	151.0	9	120.0	8	82.0	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
SOAP CREEK NEAR SAPINERO, CO.

YEAR	1	3	7	14	30	60	90	120	183									
1957	2.80	3	2.90	4	3.10	2	3.20	1	3.50	1	3.60	1	4.10	3	4.60	6	5.20	6
1958	8.90	10	9.00	10	9.40	10	9.90	10	11.00	10	11.00	10	11.00	10	11.00	10	12.00	10
1959	2.60	2	2.80	2	3.30	4	3.50	4	3.90	4	4.00	4	4.30	6	4.40	4	4.70	4
1960	4.00	7	4.10	7	4.20	7	4.50	7	4.90	7	5.20	7	5.60	7	6.00	7	9.20	7
1961	2.90	4	2.90	3	3.10	3	3.30	3	3.80	3	4.20	6	4.20	4	4.40	5	4.50	2
1962	5.50	8	5.90	8	6.50	8	6.80	8	7.40	8	7.90	8	8.0	8	8.60	8	11.00	8
1963	2.40	1	2.50	1	2.70	1	3.20	2	3.50	2	3.70	2	3.80	1	4.10	1	4.40	1
1964	3.30	5	3.40	5	3.90	5	4.00	5	4.00	5	4.00	3	4.10	2	4.20	2	4.90	5
1965	4.00	6	4.00	6	4.00	6	4.00	6	4.00	6	4.10	5	4.20	5	4.30	3	4.70	3
1966	8.00	9	8.00	9	8.00	9	8.00	9	8.10	9	8.60	9	9.00	9	9.30	9	12.00	9

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
9.19	7.55	6.57	6.03	6.11	11.5	101	243	226	61.0	14.8	9.21
43.7	14.5	6.42	5.45	5.07	38.9	2569	5199	25060	7655	195	44.9
6.61	3.81	2.53	2.33	2.25	8.23	50.7	72.1	158	87.5	14.0	6.70
0.92	0.80	0.87	1.09	1.37	1.08	0.23	1.83	1.81	2.24	2.59	1.30
0.72	0.50	0.39	0.39	0.37	0.54	0.50	0.30	0.70	1.43	0.94	0.73
1.31	1.08	0.94	0.86	0.87	1.64	14.4	34.6	32.2	8.69	2.11	1.31

GUNNISON RIVER BASIN

09122500 SOAP CREEK NEAR SAPINERO, 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)											
0.87	0.83	0.79	0.75	0.76	1.01	1.95	2.37	2.27	1.51	1.07	0.87
0.09	0.04	0.02	0.02	0.02	0.05	0.06	0.01	0.09	0.21	0.08	0.08
0.29	0.21	0.16	0.16	0.14	0.22	0.25	0.11	0.29	0.46	0.28	0.28
0.68	0.42	0.62	0.59	0.89	0.29	-0.54	0.95	-0.22	1.29	1.70	0.68
0.34	0.25	0.20	0.21	0.19	0.22	0.13	0.05	0.13	0.30	0.26	0.32
5.77	5.52	5.25	5.00	5.07	6.70	12.9	15.7	15.1	10.1	7.09	5.80

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
58.6	606	24.6	1.10	0.42	-0.050

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.74	0.03	0.17	0.42	0.10	-0.072

09123000 SOAP CREEK AT SAPINERO, COLO.

LOCATION.--Lat 38°28'30", long 107°17'54", in NW¼SE¼ sec.28, T.49 N., R.4 W., Gunnison County, on right bank 50 ft (15 m) upstream from bridge on U.S. Highway 50, 500 ft (150 m) upstream from mouth, and 0.6 mi (1.0 km) northeast of Sapinero.

DRAINAGE AREA.--86.0 mi² (222.7 km²).

REMARKS.--Diversions above station for irrigation of about 400 acres (1.62 km²), drainage from which is mostly tributary to nearby streams.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOAP CREEK AT SAPINERO, 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																																					
1948		1	3	2		4	1	3	3	6	1	8	7	38	61	50	48	23	4	7	6	6	3	10	2	2	3	6	4	6	12	19	11	4	2		
1949									4	8	16	12	76	84	16	14	8	13	4	10	1	4	6	2	4	4	5	15	16	23	15	5					
1950			1	2		2		7	10	13	12	13	83	84	24	3	3	6	1	3	4	4	5	3	10	9	9	17	28	9							
1951				4	11	14	13	4	4	5	7	11	15	29	99	19	7	5	6	17	7	5	4	4	8	12	18	11	11	10	2	3					
1952					2	5	3	1	1	2	2	2	72	58	30	36	18	14	15	6	3	1	2	4	5	7	5	4	7	9	13	13	18	10			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1827	100.0	12	6.5	253	1606	87.9	24	88	29	406	22.2
1	0.50	1	1827	100.0	13	8.1	293	1353	74.1	25	110	34	377	20.6
2	0.70	4	1826	99.9	14	10.0	230	1060	58.0	26	140	40	343	18.7
3	0.90	8	1822	99.7	15	13.0	122	830	45.4	27	170	53	303	16.5
4	1.20	11	1814	99.3	16	16.0	84	708	38.8	28	210	66	250	13.6
5	1.40	22	1803	98.7	17	19.0	61	624	34.2	29	260	57	184	10.0
6	1.80	19	1781	97.5	18	24.0	30	553	30.8	30	320	42	127	6.9
7	2.20	17	1762	96.4	19	30.0	43	533	29.2	31	400	40	85	4.6
8	2.70	22	1745	95.5	20	37.0	21	490	26.8	32	500	29	45	2.4
9	3.40	33	1723	94.3	21	46.0	20	459	25.7	33	620	14	16	.8
10	4.20	38	1690	92.5	22	57.0	20	449	24.6	34	770	2	2	.1
11	5.30	46	1652	90.4	23	71.0	23	429	23.5					

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOAP CREEK AT SAPINERO, CO.

YEAR	1	3	7	15	30	60	90	120	183
1948	842.0 1	794.0 1	712.0 1	621.0 1	530.0 1	435.0 2	323.0 2	249.0 2	168.0 2
1949	474.0 3	453.0 3	417.0 3	383.0 3	325.0 3	290.0 3	251.0 3	197.0 3	134.0 3
1950	287.0 5	272.0 5	264.0 5	244.0 5	231.0 5	209.0 5	181.0 4	142.0 4	96.0 4
1951	425.0 4	416.0 4	362.0 4	295.0 4	241.0 4	210.0 4	171.0 5	136.0 5	94.0 5
1952	755.0 2	720.0 2	648.0 2	590.0 2	489.0 2	476.0 1	383.0 1	297.0 1	201.0 1

GUNNISON RIVER BASIN

09123500 LAKE FORK AT LAKE CITY, COLO.--Continued

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LAKE FORK AT LAKE CITY, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4384	100.0	12	38.0	193	1942	44.3	24	280	92	595	13.5
1	6.00	11	4384	100.0	13	44.0	146	1749	39.9	25	330	81	503	11.4
2	7.10	17	4373	99.7	14	52.0	124	1603	36.6	26	390	93	422	9.6
3	8.40	24	4356	99.4	15	62.0	111	1479	33.7	27	460	96	329	7.5
4	9.90	31	4332	98.8	16	73.0	117	1366	31.2	28	540	115	233	5.3
5	12.00	316	4241	96.7	17	86.0	90	1251	28.5	29	640	52	118	2.6
6	14.00	360	3925	89.5	18	100.0	104	1161	26.5	30	750	34	66	1.5
7	16.00	539	3565	81.3	19	120.0	76	1057	24.1	31	890	23	32	.7
8	19.00	420	3026	69.0	20	140.0	102	981	22.4	32	1100	2	9	.2
9	23.00	235	2606	59.4	21	170.0	105	879	20.1	33	1200	5	7	.1
10	27.00	209	2371	54.1	22	200.0	80	774	17.7	34	1500	2	2	
11	32.00	220	2162	49.3	23	230.0	99	694	15.8					

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LAKE FORK AT LAKE CITY, CO.

YEAR	1	3	7	15	30	60	90	120	183
1919	780.0 6	741.0 6	698.0 6	631.0 6	540.0 8	481.0 6	385.0 6	319.0 6	226.0 6
1920	900.0 5	840.0 5	797.0 5	765.0 4	703.0 3	573.0 3	445.0 3	357.0 3	243.0 3
1921	1560.0 1	1500.0 1	1480.0 1	1190.0 1	952.0 1	708.0 1	555.0 1	462.0 1	327.0 1
1922	1000.0 4	980.0 4	968.0 2	876.0 2	766.0 2	579.0 2	454.0 2	368.0 2	256.0 2
1923	755.0 7	735.0 7	660.0 7	593.0 8	565.0 6	487.0 5	396.0 5	340.0 4	242.0 4
1924	1150.0 2	1010.0 2	864.0 4	719.0 5	585.0 5	468.0 7	363.0 7	292.0 7	201.0 7
1932	680.0 9	653.0 9	620.0 9	615.0 7	542.0 7	496.0 4	404.0 4	329.0 5	231.0 5
1933	704.0 8	679.0 8	646.0 8	586.0 9	538.0 9	408.0 9	304.0 9	240.0 9	168.0 10
1934	440.0 12	421.0 12	376.0 12	347.0 12	285.0 12	214.0 12	164.0 12	133.0 12	101.0 12
1935	1040.0 3	987.0 3	919.0 3	787.0 3	631.0 4	443.0 8	334.0 8	269.0 8	188.0 8
1936	573.0 10	543.0 11	519.0 10	477.0 10	406.0 10	342.0 10	279.0 10	239.0 10	177.0 9
1937	573.0 11	563.0 10	509.0 11	441.0 11	344.0 11	285.0 11	226.0 11	184.0 11	131.0 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 FORK AT LAKE CITY, CO.

YEAR	1	3	7	14	30	60	90	120	183
1920	12.00 6	12.00 6	13.00 6	15.00 8	16.00 8	16.00 8	17.00 8	18.00 8	21.00 6
1921	12.00 7	13.00 8	14.00 9	17.00 10	17.00 9	18.00 9	18.00 9	19.00 9	25.00 8
1922	12.00 8	12.00 7	13.00 7	13.00 6	13.00 5	13.00 3	14.00 4	16.00 4	21.00 7
1923	10.00 3	11.00 5	12.00 5	12.00 3	12.00 3	13.00 4	13.00 2	13.00 2	14.00 1
1924	10.00 4	10.00 3	11.00 3	12.00 4	14.00 6	14.00 6	16.00 7	17.00 7	27.00 10
1933	11.00 5	11.00 4	11.00 4	12.00 5	12.00 4	13.00 5	15.00 5	16.00 5	17.00 2
1934	14.00 9	14.00 9	14.00 8	15.00 7	17.00 10	18.00 10	20.00 10	21.00 10	26.00 9
1935	16.00 10	16.00 10	16.00 10	16.00 9	16.00 7	16.00 7	16.00 6	17.00 6	20.00 5
1936	8.00 1	8.70 1	8.90 1	9.50 1	11.00 1	12.00 2	13.00 3	14.00 3	19.00 4
1937	10.00 2	10.00 2	10.00 2	10.00 2	11.00 2	11.00 1	11.00 1	12.00 1	17.00 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)											
36.1	23.8	18.1	15.7	14.3	14.9	49.7	288	525	234	98.9	49.0
144	30.5	15.2	14.1	8.65	11.6	838	7560	53140	12920	2117	473
12.0	5.52	3.89	3.75	2.94	3.41	28.9	86.9	231	114	46.0	21.8
0.97	0.52	0.53	-0.21	0.60	1.25	0.98	-1.19	-0.19	-0.04	0.66	1.11
0.33	0.23	0.22	0.24	0.21	0.23	0.58	0.30	0.44	0.48	0.47	0.44
2.64	1.74	1.32	1.15	1.05	1.09	3.64	21.0	38.4	17.1	7.23	3.58

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)											
1.54	1.37	1.25	1.18	1.15	1.16	1.63	2.43	2.66	2.30	1.95	1.65
0.02	0.01	0.01	0.01	0.01	0.01	0.07	0.03	0.07	0.08	0.05	0.04
0.14	0.10	0.09	0.11	0.09	0.09	0.26	0.17	0.26	0.28	0.21	0.19
-0.23	0.09	0.06	-0.83	0.30	0.99	-0.03	-1.79	-1.49	-1.26	-0.25	-0.10
0.09	0.07	0.07	0.07	0.08	0.08	0.16	0.07	0.10	0.12	0.11	0.11
7.58	6.74	6.15	5.84	5.66	5.74	8.03	12.0	13.1	11.4	9.61	8.15

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
114	921	30.3	0.22	0.27	0.593

09123500 LAKE FORK AT LAKE CITY, COLO.--Continued

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.04	0.01	0.12	-0.53	0.06	0.556

09124000 HENSON CREEK AT LAKE CITY, COLO.

LOCATION.--Lat 38°01'11", long 107°20'05", in NW¼SW¼ sec.33, T.44 N., R.4 W., Hinsdale County, 1.3 mi (2.1 km) upstream from mouth and 1.3 mi (2.1 km) southwest of Lake City.

DRAINAGE AREA.--83.1 mi² (215.2 km²).

REMARKS.--Low-flow diurnal fluctuation caused by power plant and reservoir (capacity, 735 acre-ft or 906,000 m³), of mining mill 1.4 mi (2.3 km) upstream. No diversions above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HENSON CREEK AT LAKE CITY, CO.

CLASS YEAR	NUMBER OF DAYS IN CLASS																																	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
1919			1	46	34	35	11	26	19	16	10	3	11	7	6	6	10	7	2	11	13	9	11	6	6	8	9	5	7	18	7	5		
1932	3	6	16	32	22	66	19	8	14	6	23	8	5	4	5	9	12	5	5	6	7	8	3	5	2	6	6	13	12	11	7	9	2	1
1933	5	2	26	71	27	26	15	9	28	26	16	6	6	11	3	6	15	3	3	2	2	4	7	4	5	4	4	5	4	4	5	6	5	
1934			59	31	36	5	10	16	31	29	23	15	24	11	8	9	3	4	10	3	7	7	1	3	7	5	6	2						
1935			28	31	62	5	36	11	24	15	17	5	3	10	11	18	7	10	3	8	1	8	4	2	14	4	4	2	5	5	5	2	4	1
1936	14	17	46	29	12	9	17	24	11	20	7	6	4	8	15	9	20	8	11	9	5	9	2	12	5	7	3	7	11	9				
1937	2	27	75	36	4	16	14	13	22	11	9	9	10	10	11	9	10	5	6	7	3	13	4	8	7	10	1	8	2	3				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2557	100.0	12	48.0	58	981	38.4	24	230	52	347	13.5
1	11.00	24	2557	100.0	13	54.0	66	923	36.1	25	270	38	295	11.5
2	13.00	81	2533	99.1	14	62.0	61	857	33.5	26	310	45	257	10.0
3	14.00	299	2452	95.9	15	71.0	66	796	31.1	27	350	27	212	8.2
4	16.00	295	2153	84.2	16	81.0	59	730	28.5	28	400	47	185	7.2
5	19.00	141	1858	72.7	17	92.0	77	671	26.2	29	460	52	138	5.3
6	21.00	169	1717	67.1	18	110.0	30	594	23.2	30	520	39	86	3.3
7	24.00	112	1548	60.5	19	120.0	54	564	22.1	31	600	19	47	1.8
8	28.00	113	1436	56.2	20	140.0	41	510	19.9	32	680	19	28	1.0
9	32.00	137	1323	51.7	21	160.0	41	469	18.3	33	780	8	9	.3
10	36.00	119	1186	46.4	22	180.0	56	428	16.7	34	890	1	1	
11	42.00	86	1067	41.7	23	210.0	25	372	14.5					

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HENSON CREEK AT LAKE CITY, CO.

YEAR	1	3	7	15	30	60	90	120	183									
1919	678.0	4	653.0	4	576.0	4	519.0	5	471.0	4	439.0	2	397.0	2	303.0	2	218.0	2
1932	958.0	1	883.0	1	790.0	1	732.0	1	643.0	1	548.0	1	448.0	1	366.0	1	258.0	1
1933	887.0	2	844.0	2	772.0	2	674.0	2	608.0	2	436.0	3	324.0	3	257.0	3	179.0	4
1934	451.0	7	424.0	7	380.0	7	359.0	7	298.0	7	218.0	7	166.0	7	137.0	7	106.0	7
1935	796.0	3	750.0	3	704.0	3	610.0	3	498.0	3	359.0	5	275.0	5	224.0	5	159.0	5
1936	596.0	5	557.0	5	537.0	5	519.0	4	439.0	5	365.0	4	296.0	4	249.0	4	183.0	3
1937	556.0	6	540.0	6	495.0	6	445.0	6	351.0	6	294.0	6	235.0	6	194.0	6	141.0	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
HENSON CREEK AT LAKE CITY, CO.

YEAR	1	3	7	14	30	60	90	120	183									
1919	13.00	5	14.00	5	14.00	4	14.00	4	15.00	4	16.00	4	17.00	4	17.00	4	22.00	4
1933	12.00	3	12.00	2	12.00	2	14.00	5	14.00	5	16.00	6	17.00	6	17.00	5	22.00	5
1934	14.00	6	14.00	6	14.00	6	14.00	6	15.00	5	16.00	5	16.00	6	17.00	6	22.00	6
1935	13.00	4	13.00	3	13.00	3	13.00	3	13.00	1	14.00	1	15.00	3	15.00	2	20.00	2
1936	11.00	1	11.00	1	11.00	1	12.00	1	13.00	2	14.00	2	14.00	1	15.00	3	21.00	3
1937	12.00	2	13.00	4	13.00	4	13.00	2	13.00	3	14.00	3	14.00	2	14.00	1	18.00	1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
34.4	24.9	17.9	16.2	14.6	17.2	59.4	294	396	178	89.1	49.0
6.12	8.19	7.42	10.6	0.78	2.60	1228	11400	33880	11110	816	58.8
2.47	2.86	2.72	3.26	0.88	1.61	35.0	107	184	105	28.6	7.67
-1.03	-0.03	0.50	0.53	-0.83	0.49	0.68	-0.95	-0.42	0.59	-0.02	0.23
0.07	0.12	0.15	0.20	0.06	0.09	0.59	0.36	0.47	0.59	0.32	0.16
2.89	2.09	1.51	1.36	1.23	1.45	4.99	24.7	33.3	14.9	7.49	4.12

GUNNISON RIVER BASIN

09124000 HENSON CREEK AT LAKE CITY, 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)											
1.54	1.39	1.25	1.20	1.16	1.23	1.70	2.43	2.54	2.17	1.93	1.69
0.00	0.00	0.00	0.01	0.00	0.00	0.08	0.04	0.07	0.09	0.02	0.00
0.03	0.05	0.07	0.09	0.03	0.04	0.29	0.21	0.26	0.29	0.15	0.07
-1.09	-0.21	0.12	0.47	-0.96	0.26	-0.39	-1.60	-1.24	-0.52	-0.35	0.00
0.02	0.04	0.05	0.07	0.02	0.03	0.17	0.08	0.10	0.13	0.08	0.04
7.59	6.88	6.17	5.93	5.75	6.10	8.40	12.0	12.6	10.7	9.53	8.33

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
99.4	645	25.4	0.33	0.26	0.353

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.98	0.01	0.11	-0.22	0.06	0.290

09124500 LAKE FORK AT GATEVIEW, COLO.

LOCATION.--Lat 38°17'56", long 107°13'46", in SE&NE& sec.29, T.47 N., R.3 W., Gunnison County, on left bank at old village of Gateview, 25 ft (8 m) downstream from private bridge, 0.2 mi (0.3 km) upstream from Indian Creek, and 6.3 mi (10.1 km) upstream from waterline of Blue Mesa Reservoir at elevation 7,519 ft (2,291.8 m).

DRAINAGE AREA.--334 mi² (865 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
LAKE FORK AT GATEVIEW, 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				74	32	3	5	7	6	25	15	38	18	22	23	8	10	8	9	12	7	6	7	5	6	14	4	1									
1940		6	68	50	19	25	13	29	20	16	13	11	4	9	7	6	7	4	7	4	6	5	8	8	11	4	2	4									
1941				28	102	22	18	14	9	5	5	15	11	9	11	4	6	11	10	3	1	5	8	8	11	5	12	11	7	2	2	3	7				
1942	1	2	19	10	32	24	9	15	9	18	9	9	21	11	26	12	21	16	8	14	10	5	4	1	5	6	13	8	8	4	9	6					
1943				28	84	36	30	5	1	5	10	4	6	7	8	15	18	20	15	16	10	7	12	9	8	9	2										
1944				29	62	1	25	17	59	22	17	6	8	12	5	5	2	1	8	9	4	5	4	5	3	5	6	6	12	20	8						
1945		4	1	47	44	19	4	16	23	14	18	9	2	2	11	4	6	4	5	19	18	14	6	7	14	5	1	8	2	2							
1946				3	41	36	50	8	7	32	20	8	17	7	16	11	3	10	11	21	16	9	3	2	4	2	2	2									
1947				11	42	29	30	19	28	23	16	1	2	1	2	3	19	26	17	8	5	5	7	4	9	7	9	14	8	15	2	3					
1948				3	2	49	46	18	8	27	13	23	17	11	24	5	10	8	11	11	6	9	5	10	3	3	7	9	2	2	6	11	7				
1949		2	13	9	19	43	13	31	29	29	13	23	11	5	7	4	3	3	7	4	8	10	11	6	18	2	2	9									
1950				11	43	38	52	45	34	18	9	6	6	8	5	5	8	10	7	12	7	12	7	3	4	14	8	2	7	3							
1951		1	2	8	74	73	53	12	6	10	12	12	4	2	4	10	16	10	5	6	4	5	3	4	9	9	8	3									
1952				8	69	50	51	4	1	1	1	3	4	12	13	3	5	8	18	9	11	12	11	9	9	12	5	15	3	3	6	3	7				
1953				2	9	31	66	28	26	21	20	26	20	24	7	4	4	5	8	12	7	7	7	1	2	8	1	6	7	1	2	1	1				
1954				1	17	42	42	48	16	27	33	11	5	8	14	3	14	4	12	6	18	15	15	3	5	3	2	1									
1955				19	70	44	29	16	15	16	17	7	12	17	14	15	5	9	6	6	9	12	4	3	2	5	5	2	4	2							
1956		4	34	43	45	52	22	9	12	21	14	9	13	4	6	11	4	3	6	8	7	4	4	4	2	8	9	2	5	1							
1957		3	6	42	80	40	16	4	1	1	1	2	12	8	6	6	4	14	9	8	10	12	7	10	4	2	8	5	10	3	4	12	4	10	1		
1958				1	19	62	19	20	26	27	36	16	8	15	14	3	13	7	2	6	3	7	1	5	8	6	3	6	6	7	12	5	2				
1959				6	28	33	49	17	17	50	26	10	19	19	11	11	5	7	3	2	7	5	5	6	6	6	4	3	10								
1960		10	29	40	21	15	3	20	27	27	25	13	7	9	10	13	10	9	6	6	9	5	5	6	3	11	11	6	6	2	6	2					
1961				6	60	36	15	26	17	25	14	3	4	11	26	20	23	9	5	4	6	7	5	4	3	2	4	7	6	12	4	1					
1962				4	13	15	27	20	30	21	29	16	27	25	14	10	2	5	2	4	4	13	17	12	5	4	9	8	10	14	5						
1963				3	51	29	1	31	13	24	12	21	31	26	20	6	11	5	9	4	10	4	5	10	7	1	3										
1964				44	81	15	15	19	15	20	23	13	9	3	6	16	8	11	3	10	3	3	8	6	6	6	4	5	9	4	1						
1965				11	43	67	28	27	16	5	1	1	1	4	5	13	16	6	9	10	9	8	10	9	5	11	8	18	10	7	6	1					
1966					43	35	5	27	40	10	19	22	23	17	15	14	16	7	6	4	7	6	6	14	10	11	6	2									
1967		1	3	30	74	43	20	34	34	18	10	13	5	6	6	4	10	4	6	6	10	8	5	5	4	1	1	4									
1968		11	54	30	33	42	18	5	21	15	5	3	7	2	6	4	9	15	7	5	8	15	10	3	3	3	6	4	2	12	4	4					
1969				9	67	25	31	22	27	3	10	9	12	12	18	14	5	8	9	5	8	19	12	12	6	7	4	4	7								
1970					12	64	40	23	10	8	5	17	17	18	9	11	12	12	10	10	10	10	5	4	19	6	7	6	13	5	10	2					
1971				6	18	26	8	8	25	19	21	12	22	33	34	21	12	16	12	9	8	5	6	9	9	9	3	3	6	5							
1972				24	34	35	17	28	44	28	28	33	10	4	6	7	10	5	5	6	5	9	3	7	5	5	3										
1973				9	25	22	62	35	46	22	9	15	5	6	13	3	11	4	2	4	6	4	8	5	6	9	7	10	2	4	10	1					
1974				5	37	58	47	24	46	24	6	5	5	11	7	6	6	17	3	4	3	8	3	7	9	15	4	4	1								
1975				5	44	62	34	20	25	10	5	10	6	23	10	3	5	4	3	3	6	6	5	6	5	7	7	7	3	8	6	6	19	2			

09124500 LAKE FORK AT GATEVIEW, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LAKE FORK AT GATEVIEW, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	13514	100.0	12	110.0	537	5682	42.0	24	590	232	1616	11.9
1	25.00	8	13514	100.0	13	130.0	442	5145	38.1	25	670	272	1384	10.2
2	29.00	85	13506	99.9	14	150.0	375	4703	34.8	26	770	214	1112	8.2
3	33.00	544	13421	99.3	15	170.0	422	4328	32.0	27	890	187	898	6.6
4	38.00	1095	12877	95.3	16	200.0	229	3906	28.9	28	1000	257	711	5.2
5	43.00	1315	11782	87.2	17	220.0	367	3677	27.2	29	1200	105	454	3.3
6	50.00	1334	10467	77.5	18	260.0	284	3310	24.5	30	1300	129	349	2.5
7	57.00	814	9133	67.6	19	300.0	294	3026	22.4	31	1500	125	220	1.6
8	65.00	813	8319	61.6	20	340.0	306	2732	20.2	32	1800	56	95	.7
9	75.00	772	7506	55.5	21	390.0	313	2426	18.0	33	2000	37	39	.2
10	86.00	638	6734	49.8	22	450.0	265	2113	15.6	34	2300	2	2	
11	99.00	414	6096	45.1	23	510.0	232	1848	13.7					

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

YEAR	1	3	7	15	30	60	90	120	183
1939	1020.0 33	953.0 35	863.0 35	852.0 31	780.0 29	614.0 29	493.0 27	410.0 26	314.0 26
1940	1130.0 28	1100.0 29	1010.0 29	847.0 32	724.0 33	593.0 31	463.0 31	375.0 31	273.0 31
1941	2190.0 5	2100.0 4	2070.0 3	1800.0 5	1400.0 9	1130.0 9	945.0 9	767.0 10	545.0 9
1942	1920.0 11	1830.0 11	1800.0 9	1700.0 7	1500.0 7	1210.0 7	945.0 10	776.0 9	557.0 8
1943	1240.0 24	1180.0 25	1120.0 23	1010.0 23	932.0 20	741.0 18	647.0 17	578.0 16	460.0 14
1944	1920.0 12	1900.0 8	1840.0 6	1700.0 8	1600.0 4	1430.0 1	1130.0 1	905.0 2	631.0 3
1945	1320.0 20	1250.0 22	1110.0 25	1080.0 21	901.0 23	721.0 19	617.0 18	531.0 18	382.0 18
1946	1580.0 16	1520.0 16	1510.0 15	1410.0 12	1040.0 18	711.0 21	598.0 19	504.0 19	372.0 19
1947	1950.0 9	1900.0 9	1570.0 13	1320.0 15	1250.0 13	1100.0 11	966.0 7	795.0 7	596.0 5
1948	2210.0 4	2160.0 2	2040.0 4	1940.0 2	1720.0 2	1290.0 3	1010.0 3	829.0 5	589.0 7
1949	2140.0 7	2090.0 5	2030.0 5	1810.0 4	1620.0 3	1250.0 4	1010.0 4	839.0 4	591.0 6
1950	1020.0 34	993.0 33	984.0 30	855.0 30	781.0 28	616.0 28	493.0 28	410.0 27	295.0 27
1951	1040.0 32	1020.0 32	976.0 31	870.0 29	814.0 26	626.0 27	498.0 26	407.0 28	292.0 28
1952	2240.0 3	2140.0 3	2080.0 2	1930.0 3	1570.0 6	1180.0 8	1010.0 5	855.0 3	635.0 2
1953	2320.0 2	1930.0 7	1570.0 14	1250.0 16	1030.0 19	710.0 22	554.0 22	447.0 25	324.0 25
1954	772.0 37	728.0 37	597.0 37	514.0 37	444.0 37	382.0 37	359.0 37	305.0 37	229.0 37
1955	1290.0 22	1220.0 23	1120.0 24	939.0 27	739.0 32	549.0 34	429.0 34	364.0 33	266.0 34
1956	1240.0 25	1170.0 26	1100.0 26	959.0 26	823.0 25	593.0 32	454.0 32	367.0 32	263.0 35
1957	2410.0 1	2280.0 1	2190.0 1	2080.0 1	1730.0 1	1420.0 2	1100.0 2	912.0 1	653.0 1
1958	2180.0 6	2040.0 6	1830.0 7	1790.0 6	1580.0 5	1230.0 5	936.0 11	752.0 11	532.0 11
1959	1190.0 26	1180.0 24	1150.0 22	1050.0 22	862.0 24	630.0 26	478.0 29	394.0 29	290.0 29
1960	1580.0 17	1470.0 17	1340.0 17	1140.0 18	1090.0 16	856.0 16	667.0 16	561.0 17	405.0 17
1961	1300.0 21	1270.0 20	1220.0 20	1090.0 20	1040.0 17	742.0 17	564.0 20	467.0 20	348.0 22
1962	1340.0 18	1320.0 18	1280.0 18	1230.0 17	1140.0 14	919.0 15	808.0 12	684.0 12	488.0 13
1963	911.0 36	903.0 36	826.0 36	735.0 35	659.0 35	497.0 35	398.0 35	336.0 35	269.0 32
1964	1330.0 19	1300.0 19	1230.0 19	975.0 24	908.0 21	717.0 20	554.0 23	459.0 23	329.0 24
1965	1840.0 13	1750.0 13	1630.0 11	1440.0 11	1320.0 11	1110.0 10	945.0 8	818.0 6	600.0 4
1966	1080.0 30	1050.0 30	890.0 34	838.0 33	764.0 30	682.0 24	552.0 24	456.0 24	333.0 23
1967	1190.0 27	1170.0 27	1020.0 28	781.0 34	644.0 36	497.0 36	385.0 36	317.0 36	234.0 36
1968	1960.0 8	1850.0 10	1800.0 8	1470.0 10	1380.0 10	981.0 14	787.0 14	650.0 14	458.0 15
1969	1120.0 29	1100.0 28	1040.0 27	962.0 25	803.0 27	648.0 25	549.0 25	462.0 22	349.0 21
1970	1640.0 15	1540.0 15	1460.0 16	1380.0 13	1110.0 15	990.0 13	781.0 15	657.0 13	510.0 12
1971	1280.0 23	1260.0 21	1210.0 21	1110.0 19	901.0 22	696.0 23	556.0 21	466.0 21	363.0 20
1972	1040.0 31	1020.0 31	957.0 32	901.0 28	752.0 31	559.0 33	438.0 33	358.0 34	269.0 33
1973	1820.0 14	1720.0 14	1580.0 12	1380.0 14	1300.0 12	1030.0 12	807.0 13	649.0 15	456.0 16
1974	1000.0 35	979.0 34	905.0 33	733.0 36	686.0 34	598.0 30	473.0 30	388.0 30	278.0 30
1975	1940.0 10	1760.0 12	1680.0 10	1610.0 9	1450.0 8	1210.0 6	970.0 6	776.0 8	542.0 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
LAKE FORK AT GATEVIEW, CO.

YEAR	1	3	7	14	30	60	90	120	183
1939	40.00 32	40.00 28	40.00 24	40.00 20	40.00 18	40.00 12	41.00 12	45.00 14	77.00 31
1940	31.00 9	31.00 5	33.00 8	33.00 6	34.00 3	35.00 3	36.00 4	37.00 2	43.00 3
1941	42.00 33	42.00 32	42.00 28	42.00 25	42.00 23	43.00 21	44.00 16	45.00 15	54.00 16
1942	28.00 3	30.00 4	32.00 4	34.00 7	36.00 10	41.00 16	45.00 20	52.00 27	100.00 37
1943	50.00 37	50.00 37	50.00 37	50.00 37	51.00 36	55.00 36	57.00 37	59.00 36	65.00 26
1944	45.00 35	45.00 35	45.00 33	45.00 33	45.00 31	49.00 30	48.00 23	54.00 28	68.00 29
1945	34.00 18	34.00 13	35.00 12	35.00 9	35.00 7	37.00 7	38.00 6	40.00 8	51.00 12
1946	37.00 23	37.00 23	38.00 19	40.00 21	40.00 19	42.00 17	44.00 17	46.00 17	57.00 19
1947	35.00 19	36.00 19	37.00 16	38.00 16	39.00 15	41.00 13	42.00 14	46.00 18	56.00 17
1948	39.00 27	39.00 24	45.00 34	49.00 36	52.00 37	55.00 37	56.00 36	59.00 37	83.00 34
1949	32.00 11	33.00 9	34.00 9	35.00 10	38.00 11	44.00 22	48.00 24	54.00 29	65.00 27
1950	39.00 28	41.00 30	41.00 25	42.00 26	43.00 24	46.00 26	49.00 27	51.00 24	59.00 22
1951	30.00 4	37.00 20	42.00 29	43.00 28	46.00 32	47.00 27	48.00 25	48.00 21	51.00 13
1952	40.00 29	41.00 31	43.00 30	44.00 31	44.00 27	45.00 25	49.00 28	51.00 25	52.00 14
1953	36.00 22	37.00 21	39.00 21	43.00 29	46.00 33	49.00 31	50.00 29	51.00 26	65.00 28
1954	30.00 5	33.00 10	36.00 13	37.00 13	38.00 12	40.00 14	41.00 13	43.00 12	49.00 8
1955	33.00 14	34.00 11	36.00 14	37.00 14	38.00 13	38.00 10	40.00 10	41.00 9	50.00 9

GUNNISON RIVER BASIN

09124500 LAKE FORK AT GATEVIEW, 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 FORK AT GATEVIEW, CO.

YEAR	1	3	7	14	60	90	120	183
1956	25.00 1	29.00 2	31.00 1	31.00 1	32.00 1	33.00 1	34.00 1	41.00 2
1957	25.00 2	27.00 1	31.00 2	32.00 2	35.00 8	37.00 8	38.00 7	40.00 1
1958	40.00 30	43.00 33	45.00 35	46.00 34	49.00 34	51.00 33	53.00 33	71.00 30
1959	34.00 15	37.00 22	38.00 20	39.00 17	41.00 20	42.00 18	44.00 18	57.00 20
1960	30.00 6	30.00 3	31.00 3	33.00 3	35.00 9	37.00 9	38.00 8	59.00 21
1961	30.00 7	32.00 6	33.00 5	33.00 4	34.00 4	35.00 4	36.00 2	47.00 6
1962	34.00 16	35.00 14	37.00 17	39.00 18	44.00 28	52.00 34	54.00 34	80.00 32
1963	40.00 31	40.00 29	40.00 22	40.00 22	40.00 16	42.00 19	45.00 21	60.00 23
1964	35.00 20	35.00 15	35.00 10	35.00 11	35.00 5	36.00 5	38.00 9	47.00 7
1965	38.00 24	39.00 25	43.00 31	44.00 30	45.00 29	47.00 28	48.00 26	56.00 18
1966	45.00 36	45.00 34	45.00 32	45.00 32	45.00 30	48.00 29	51.00 30	91.00 36
1967	32.00 12	36.00 16	41.00 26	42.00 27	43.00 25	43.00 20	44.00 19	50.00 10
1968	31.00 10	32.00 7	33.00 6	33.00 5	33.00 2	34.00 2	36.00 3	44.00 4
1969	34.00 17	36.00 17	36.00 15	37.00 12	39.00 14	40.00 11	41.00 11	50.00 11
1970	44.00 34	47.00 36	48.00 36	49.00 35	51.00 35	53.00 35	54.00 35	80.00 33
1971	33.00 13	34.00 12	35.00 11	38.00 15	41.00 21	44.00 23	53.00 31	85.00 35
1972	38.00 25	39.00 26	40.00 23	41.00 23	42.00 22	44.00 24	47.00 22	61.00 24
1973	38.00 26	40.00 27	41.00 27	42.00 24	44.00 26	49.00 32	53.00 32	64.00 25
1974	35.00 21	36.00 18	38.00 18	39.00 19	40.00 17	41.00 15	43.00 15	52.00 15
1975	30.00 8	32.00 8	33.00 7	34.00 8	35.00 6	37.00 6	37.00 5	44.00 5

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
94.7	69.1	53.1	46.2	42.6	53.9	139	559	970	483	203	128
1884	487	145	65.0	38.3	187	4662	36190	122800	84110	7839	5228
43.4	22.1	12.0	8.06	6.19	13.7	68.3	190	350	290	88.5	72.3
1.62	1.35	0.49	0.38	0.64	1.53	1.17	0.71	0.15	1.07	0.96	2.46
0.46	0.32	0.23	0.17	0.15	0.25	0.49	0.34	0.36	0.60	0.44	0.57
3.33	2.43	1.87	1.63	1.50	1.90	4.90	19.7	34.2	17.0	7.13	4.49

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.94	1.82	1.71	1.66	1.63	1.72	2.10	2.72	2.96	2.61	2.27	2.06
0.03	0.02	0.01	0.01	0.00	0.01	0.04	0.02	0.03	0.06	0.03	0.04
0.17	0.13	0.10	0.07	0.06	0.10	0.20	0.15	0.17	0.25	0.18	0.20
0.63	0.63	0.21	0.18	0.28	0.77	0.38	0.06	-0.54	0.23	0.12	0.77
0.09	0.07	0.06	0.05	0.04	0.06	0.09	0.05	0.06	0.10	0.08	0.10
7.70	7.23	6.81	6.58	6.45	6.83	8.33	10.8	11.7	10.4	9.00	8.17

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
237	4841	69.6	0.28	0.29	0.034

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
2.36	0.02	0.13	0.02	0.05	0.038

09125000 CURECANTI CREEK NEAR SAPINERO, COLO.

LOCATION.--Lat 38°29'15", long 107°24'51", in SW¼SW¼ sec.21, T.49 N., R.5 W., Gunnison County, on down-stream side of left pier of bridge on State Highway 92, 2.9 mi (4.7 km) upstream from mouth, and 6.0 mi (9.7 km) northwest of Sapinero.

DRAINAGE AREA.--35.0 mi² (90.6 km²).

REMARKS.--One diversion above station for irrigation in Smith Fork drainage.

09125000 CURECANTI CREEK NEAR SAPINERO, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CURECANTI CREEK NEAR SAPINERO, 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																																			
1947				31	31	17	69	22	30	13	17	9	17	11	2	1	5	3	3	5	3	2	9	5	16	8	16	8	5	7						
1948	3	2	18	18	8	16	41	37	39	7	43	23	12	4	7	5	1	4	4	4	2	2	5	3	4	5	9	6	11	13	5	4	1			
1949					261	139	26	38	6	3	3	7	6	5	9	5	1	4	5	2	2	3	6	6	10	12	13	20	5	2	1					
1950	1	14	43	90	64	19	9	10	3	2	1	5	3	1	5	6	4	4	4	7	7	6	11	10	9	17	3	5	2							
1951				3	16	59	82	32	8	35	5	8	7	10	10	2	3	2	4	6	5	7	5	6	10	14	11	3	7	5						
1952	1				511	249	40	11	12	3	7	2	3	3	5	4	2	21	1	2	3	3	6	2	5	8	10	9	10	10	9	7	1			
1953					17	70	43	39	37	7	6	7	40	6	8	7	5	5	1	9	6	7	6	5	3	2	3	11	11	3	1					
1954				5	11	27	25	29	83	91	5	5	6	6	7	1	5	7	13	6	12	4	12	5												
1955					2	87	104	25	16	10	7	18	3	4	2	8	1	2	11	2	2	3	7	17	14	15	5									
1956				13	14	28	129	56	4	9	4	2	1	1	3	23	2	2	2	2	2	3	11	3	7	13	7	10	11	4						
1957					20	95	67	10	13	10	5	7	6	3	3	5	2	3	8	5	4	3	5	21	4	7	4	6	10	7	9	16	7			
1958					14	87	91	21	27	23	14	3	1	2	1	1	1	1	1	1	2	1	7	2	5	6	6	4	4	5	14	8	13			
1959					12	23	100	92	10	21	4	4	1	8	3	5	6	4	4	4	4	6	2	6	16	18	8	1	3							
1960	4	50	46	18	50	37	8	9	12	15	8	7	3	6	5	2	1	3	1	6	8	4	8	22	12	10	8	3								
1961	2	41	18	45	17	25	12	25	5	5	9	13	7	4	6	3	2	4	2	8	4	5	6	12	9	7	6									
1962		14	10	15	15	49	74	42	23	12	11	5	1	2	2	1	2	2	1	3	1	1	17	17	13	19	6	7								
1963				12	12	37	161	10	22	13	4	3	2	3	3	5	4	12	7	6	7	6	12	6	11	6	1									
1964				99	38	46	35	23	15	6	1	7	4	7	1	4	4	4	10	3	6	9	2	4	1	2	8	6	4	4	7	6				
1965		1	19	52	104	5	3	11	13	11	20	12	3	6	1	6	2	3	2	5	4	7	5	11	13	10	9	9	14	3	1					
1966	1	3	8	39	7	10	21	135	7	12	11	8	2	13	3	1	1	1	2	4	15	9	9	11	6	16	1	4	6							
1967				7	81	67	37	19	16	9	7	6	8	7	8	9	14	9	6	13	7	10	6	5	8	6										
1968				12	34	75	44	40	6	5	3	6	9	15	14	4	9	10	11	5	2	1	6	7	6	8	5	14	3	8	4					
1969				1	47	85	62	20	16	4	4	2	3	2	7	10	8	4	3	6	10	9	8	12	5	15	16	1								
1970					6	26	65	60	47	41	8	9	5	8	7	6	3	3	6	1	3	3	2	3	11	12	8	7	10	5						
1971					5	35	61	59	49	26	8	10	4	2	1	1	3	4	6	8	7	7	8	7	17	14	12	9	2							
1972	9	53	56	29	33	40	19	5	6	4	5	3	6	3	4	9	13	10	10	12	6	5	8	14	4											

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	9497	100.0	12	12.0	186	3035	32.0	24	85	195	1325	13.9
1	2.00	5	9497	100.0	13	14.0	210	2849	30.0	25	100	244	1130	11.8
2	2.40	22	9492	99.9	14	17.0	114	2639	27.8	26	120	210	886	9.3
3	2.80	415	9470	99.7	15	20.0	147	2525	26.6	27	140	180	676	7.1
4	3.30	428	9055	95.3	16	23.0	112	2378	25.0	28	160	179	496	5.2
5	3.80	1003	8627	90.8	17	27.0	119	2266	23.9	29	190	112	317	3.3
6	4.50	1644	7624	80.3	18	32.0	149	2147	22.6	30	230	104	205	2.1
7	5.30	1042	5980	63.0	19	38.0	101	1998	21.0	31	270	51	101	1.0
8	6.30	664	4938	52.0	20	44.0	133	1897	20.0	32	310	41	50	.5
9	7.40	712	4274	45.0	21	52.0	135	1764	18.6	33	370	9	9	
10	8.70	254	3562	37.5	22	61.0	149	1629	17.2	34	440			
11	10.00	273	3308	34.8	23	72.0	155	1480	15.6					

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CURECANTI CREEK NEAR SAPINERO, CO.

YEAR	1	3	7	15	30	60	90	120	183
1947	260.0 11	251.0 11	247.0 9	200.0 11	174.0 12	156.0 9	125.0 9	98.0 9	68.0 9
1948	373.0 3	354.0 4	328.0 4	292.0 4	256.0 3	203.0 4	152.0 5	117.0 5	79.0 5
1949	273.0 9	255.0 9	219.0 12	197.0 12	176.0 11	153.0 10	128.0 8	101.0 8	69.0 8
1950	230.0 13	220.0 14	214.0 13	172.0 14	156.0 13	129.0 14	106.0 14	84.0 13	56.0 14
1951	225.0 14	221.0 13	203.0 14	163.0 17	151.0 17	123.0 17	96.0 18	75.0 18	52.0 17
1952	375.0 2	366.0 2	346.0 2	311.0 3	250.0 4	225.0 3	176.0 2	139.0 2	94.0 2
1953	270.0 10	251.0 10	223.0 11	201.0 10	192.0 9	131.0 12	99.0 16	79.0 16	56.0 15
1954	78.0 26	77.0 26	73.0 26	70.0 26	57.0 26	48.0 26	37.0 26	30.0 26	22.0 26
1955	138.0 22	127.0 22	115.0 25	104.0 24	99.0 23	92.0 21	71.0 21	56.0 21	39.0 21
1956	208.0 16	203.0 15	192.0 16	176.0 13	155.0 15	128.0 15	98.0 17	77.0 17	52.0 18
1957	438.0 1	420.0 1	410.0 1	369.0 1	344.0 1	263.0 1	217.0 1	176.0 1	120.0 1
1958	369.0 4	365.0 3	343.0 3	332.0 2	297.0 2	230.0 2	172.0 3	131.0 3	88.0 3
1959	164.0 20	163.0 20	148.0 20	120.0 21	117.0 20	101.0 20	77.0 20	60.0 20	42.0 20
1960	214.0 15	202.0 17	180.0 17	150.0 19	147.0 18	123.0 18	107.0 12	84.0 14	57.0 13
1961	148.0 21	146.0 21	143.0 21	135.0 20	114.0 21	89.0 22	66.0 22	52.0 22	36.0 22
1962	250.0 12	247.0 12	243.0 10	205.0 9	184.0 7	165.0 7	142.0 6	110.0 6	5.0 6
1963	125.0 23	120.0 25	116.0 24	100.0 25	87.0 25	67.0 25	54.0 25	42.0 25	29.0 25
1964	295.0 7	288.0 6	285.0 5	259.0 6	211.0 7	141.0 11	104.0 15	80.0 15	54.0 16
1965	311.0 5	288.0 7	270.0 7	252.0 7	212.0 6	182.0 5	154.0 4	122.0 4	84.0 4
1966	207.0 17	203.0 16	194.0 15	168.0 15	143.0 19	113.0 19	93.0 19	73.0 19	51.0 19
1967	125.0 24	122.0 23	121.0 22	109.0 23	95.0 24	71.0 24	58.0 24	48.0 24	34.0 24
1968	283.0 8	280.0 8	268.0 8	241.0 8	207.0 8	161.0 8	120.0 10	94.0 10	65.0 10
1969	191.0 19	184.0 19	173.0 18	165.0 16	156.0 14	130.0 13	107.0 13	87.0 12	59.0 12
1970	303.0 6	296.0 5	282.0 6	270.0 5	229.0 5	180.0 6	132.0 7	103.0 7	71.0 7
1971	200.0 18	191.0 18	171.0 19	154.0 18	151.0 16	128.0 16	109.0 11	89.0 11	60.0 11
1972	123.0 25	122.0 24	117.0 23	112.0 22	102.0 22	78.0 23	63.0 23	52.0 23	36.0 23

09125000 CURECANTI CREEK NEAR SAPINERO, 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
CURECANTI CREEK NEAR SAPINERO, CO.

YEAR	1	3	7	14	30	60	90	120	183
1947	3.50 15	3.50 15	3.50 13	3.50 13	3.50 8	3.80 8	4.50 16	5.00 18	5.00 16
1948	5.00 24	5.00 24	5.00 23	5.30 24	6.00 25	6.40 25	6.80 24	7.50 25	8.50 25
1949	2.00 1	2.00 1	2.80 2	3.10 5	3.30 5	4.00 14	4.20 11	4.50 12	4.60 12
1950	3.50 16	3.50 16	3.50 14	3.50 14	3.50 9	3.80 9	3.80 6	4.00 5	4.50 7
1951	2.60 5	2.80 5	2.90 5	3.10 6	3.50 10	3.70 6	4.00 7	4.30 9	4.50 8
1952	2.60 6	3.40 14	3.60 16	4.00 18	4.00 16	4.00 10	4.00 8	4.10 7	4.30 5
1953	4.00 19	4.20 21	4.50 21	4.70 21	4.90 21	5.00 20	5.30 19	5.60 20	6.00 19
1954	4.00 20	4.00 19	4.00 19	4.20 19	4.40 19	5.00 21	5.60 21	6.00 21	6.40 21
1955	2.90 11	2.90 9	3.10 10	3.40 10	3.90 14	4.00 11	4.20 9	4.30 8	4.70 13
1956	3.60 17	3.70 17	3.80 17	3.80 16	4.10 17	4.30 16	4.60 17	4.80 16	4.80 14
1957	3.00 12	3.10 12	3.20 11	3.20 7	3.40 6	3.80 7	4.20 10	4.50 13	4.60 9
1958	5.20 25	5.20 25	5.20 25	5.20 22	5.20 22	5.20 22	5.30 20	5.40 19	6.20 20
1959	4.00 21	4.00 20	4.30 20	4.50 20	4.50 20	4.60 18	4.80 18	4.90 17	5.00 17
1960	3.00 13	3.00 10	3.00 6	3.00 4	3.00 2	3.30 4	3.70 4	4.00 6	5.50 18
1961	2.60 7	2.60 3	2.80 3	2.90 2	3.00 3	3.10 3	3.10 1	3.20 1	3.30 1
1962	2.20 2	2.50 2	3.00 7	3.50 11	3.90 15	4.80 19	6.30 23	6.60 22	7.00 22
1963	2.80 8	2.80 6	3.00 8	3.30 8	3.60 11	4.00 12	4.40 14	4.50 14	4.60 10
1964	2.80 9	2.80 7	2.90 4	3.00 3	3.00 4	3.00 1	3.10 2	3.20 2	3.40 2
1965	3.20 14	3.30 13	3.50 15	3.60 15	3.70 12	4.00 13	4.30 12	4.40 10	4.50 6
1966	5.50 26	5.60 26	6.30 26	6.70 26	7.10 26	7.80 26	7.80 26	7.80 26	8.80 26
1967	2.60 3	2.80 8	3.10 9	3.50 12	3.80 13	4.10 15	4.50 15	4.60 15	4.60 11
1968	2.80 10	3.00 11	3.20 12	3.30 9	3.50 7	3.60 5	3.70 5	3.80 4	3.80 3
1969	3.70 18	3.80 18	3.90 18	4.00 17	4.20 18	4.40 17	4.40 13	4.50 11	4.90 15
1970	4.50 22	4.60 22	4.90 22	5.60 25	5.70 23	6.30 24	6.90 25	7.40 24	7.40 23
1971	4.60 23	4.70 23	5.10 24	5.30 23	5.70 24	6.10 23	6.20 22	6.70 23	7.40 24
1972	2.60 4	2.70 4	2.70 1	2.70 1	2.80 1	3.00 2	3.10 3	3.60 3	4.30 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)											
6.24	5.73	5.29	4.82	5.06	8.80	49.5	137	127	26.0	7.04	6.07
5.56	3.39	2.15	1.66	2.09	15.5	505	2329	4733	1044	20.0	9.29
2.36	1.84	1.47	1.29	1.45	3.04	22.5	48.3	68.8	32.3	4.47	3.05
1.01	1.10	0.54	0.67	0.55	1.08	0.67	0.71	1.13	3.52	2.82	1.93
0.38	0.32	0.28	0.27	0.29	0.45	0.45	0.35	0.54	1.24	0.64	0.50
1.60	1.47	1.36	1.24	1.30	2.26	12.7	35.3	32.6	6.68	1.81	1.56

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)											
0.77	0.74	0.71	0.67	0.69	0.91	1.65	2.11	2.03	1.25	0.79	0.74
0.02	0.02	0.01	0.01	0.02	0.03	0.04	0.02	0.07	0.12	0.04	0.03
0.15	0.13	0.12	0.11	0.12	0.18	0.19	0.15	0.27	0.35	0.20	0.18
0.60	0.51	-0.08	0.15	0.09	0.22	0.17	-0.21	-1.02	0.86	1.33	1.13
0.20	0.18	0.17	0.17	0.18	0.20	0.12	0.07	0.13	0.28	0.25	0.24
5.88	5.66	5.41	5.12	5.26	6.93	12.7	16.2	15.6	9.56	6.08	5.70

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
32.5	126	11.2	0.65	0.35	0.075

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.49	0.02	0.15	-0.27	0.10	0.060

09126000 CIMARRON RIVER NEAR CIMARRON, COLO.

LOCATION.--Lat 38°15'36", long 107°32'43", in NW¼NE¼ sec.8, T.46 N., R.6 W., Gunnison County, on right bank 100 ft (30 m) upstream from Forest Service bridge, 0.6 mi (1.0 km) upstream from headgate on Cimarron ditch, 2.1 mi (3.4 km) downstream from Silver Jack Reservoir, and 13 mi (21 km) south of Cimarron.

DRAINAGE AREA.--66.6 mi² (172.5 km²).

REMARKS.--Diversion above station through Owl Creek ditch into Uncompahgre River basin. Flow regulated by Silver Jack Reservoir (total capacity, 13,520 acre-ft or 16.7 hm³), 2.1 mi (3.4 km) upstream since Dec. 23, 1970. Statistical summaries are shown for two periods, water years 1955-70 and water years 1972-75.

0912600 CIMARRON RIVER NEAR CIMARRON, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CIMARRON RIVER NEAR CIMARRON, 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		
1955				5	48	50	44	40	6	21	15	7	9	8	9	18	8	13	10	9	4	14	7	3	8	3	2	3	1								
1956				62	102	25	10	4	9	41	10	8	8	6	4	4	5	6	6	2	3	6	5	9	4	8	10	6	3								
1957		1	98	49	41	5	1	1	5	11	7	6	6	5	4	7	5	11	6	6	7	8	8	8	4	7	4	5	12	7	7	6	6	1			
1958			1	38	49	17	19	35	28	39	8	12	12	15	9	4	1	4	3	3	5	3	5	8	5	4	2	8	12	8	4	4					
1959				12	68	59	50	27	20	24	17	9	6	3	9	5	5	2	3	6	7	8	9	4	3	9	4	3	9								
1960		1	5	66	79	22	11	28	21	9	4	3	7	13	12	8	5	9	4	8	4	7	12	6	5	8	7	2									
1961		1	16	95	67	15	4	1	4	7	12	23	18	10	17	5	8	4	8	5	6	4	2	9	3	10	9	2									
1962		1	10	20	27	51	58	19	6	15	15	23	5	5	4	6	3	7	5	6	10	11	12	9	9	12	8	8									
1963		11	17	22	26	30	40	21	16	15	7	8	22	17	19	14	11	7	15	8	7	7	7	11	7												
1964				84	69	34	9	5	11	17	17	7	8	12	7	9	4	4	1	8	4	4	8	4	9	13	7	8	3								
1965			3	50	90	27	15	12	3	3	4	5	9	12	13	11	14	7	7	6	10	7	11	5	18	11	5	7									
1966		1	5	34	33	63	30	24	11	8	18	31	22	12	8	3	3	4	3	6	6	18	13	3	6												
1967		2	15	40	39	41	37	31	20	14	24	18	12	8	8	3	7	6	8	7	8	8	2	4													
1968			19	51	37	53	44	22	8	2	6	3	6	3	3	11	16	13	10	9	3	5	2	6	3	8	8	4	5								
1969		7	54	43	15	23	29	9	1	1	21	35	14	10	2	5	6	11	9	6	17	13	9	10	4	10	1										
1970			1	7	23	48	35	44	5	9	18	22	20	12	14	7	13	6	4	7	5	2	8	8	9	12	9	14	3								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5844	100.0	12	43.0	236	2200	37.6	24	270	122	570	9.7
1	8.00	11	5844	100.0	13	51.0	185	1964	33.6	25	320	71	448	7.6
2	9.30	30	5833	99.8	14	59.0	169	1779	30.4	26	370	115	377	6.4
3	11.00	308	5803	99.3	15	69.0	146	1610	27.5	27	430	93	262	4.4
4	13.00	587	5495	94.0	16	80.0	116	1464	25.1	28	510	58	169	2.8
5	15.00	606	4908	84.0	17	93.0	103	1348	23.1	29	590	57	111	1.8
6	17.00	644	4262	72.9	18	110.0	139	1245	21.3	30	690	26	54	.9
7	20.00	499	3658	62.6	19	130.0	96	1106	18.9	31	800	11	28	.4
8	23.00	316	3159	54.1	20	150.0	84	1010	17.3	32	930	10	17	.2
9	27.00	282	2843	48.6	21	170.0	125	926	15.8	33	1100	6	7	.1
10	32.00	180	2561	43.8	22	200.0	108	801	13.7	34	1300	1	1	
11	37.00	181	2381	40.7	23	230.0	123	693	11.9					

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

YEAR	1	3	7	15	30	60	90	120	183
1955	514.0 11	482.0 11	430.0 12	360.0 13	286.0 14	223.0 14	177.0 14	152.0 14	109.0 14
1956	524.0 9	521.0 8	503.0 7	454.0 8	402.0 8	297.0 8	224.0 10	178.0 10	125.0 11
1957	1340.0 1	1280.0 1	1220.0 1	1080.0 1	908.0 1	710.0 1	541.0 1	444.0 1	306.0 1
1958	1080.0 2	1010.0 2	896.0 2	818.0 2	724.0 2	549.0 2	407.0 2	320.0 2	221.0 3
1959	468.0 12	465.0 12	452.0 11	422.0 10	348.0 11	259.0 11	196.0 12	157.0 13	113.0 13
1960	544.0 7	521.0 9	466.0 10	408.0 11	381.0 10	291.0 9	226.0 9	187.0 8	131.0 9
1961	522.0 10	513.0 10	495.0 8	442.0 9	402.0 9	288.0 10	220.0 11	177.0 11	131.0 10
1962	534.0 8	530.0 7	487.0 9	471.0 7	430.0 7	361.0 7	301.0 6	246.0 6	172.0 6
1963	314.0 16	289.0 16	272.0 16	264.0 16	240.0 15	184.0 15	150.0 15	129.0 15	100.0 15
1964	795.0 3	725.0 4	696.0 4	593.0 3	527.0 4	440.0 4	335.0 5	269.0 5	189.0 5
1965	674.0 6	645.0 6	622.0 6	569.0 6	499.0 6	410.0 5	337.0 4	282.0 4	206.0 4
1966	398.0 15	383.0 15	342.0 15	319.0 14	289.0 13	249.0 13	193.0 13	159.0 12	114.0 12
1967	410.0 14	405.0 14	346.0 14	270.0 15	226.0 16	182.0 16	139.0 16	115.0 16	86.0 16
1968	795.0 4	762.0 3	713.0 3	582.0 5	539.0 3	377.0 6	294.0 7	243.0 7	169.0 7
1969	433.0 13	422.0 13	416.0 13	375.0 12	318.0 12	255.0 12	226.0 8	186.0 9	139.0 8
1970	709.0 5	686.0 5	672.0 5	592.0 4	505.0 5	485.0 3	377.0 3	307.0 3	222.0 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
CIMARRON RIVER NEAR CIMARRON, CO.

YEAR	1	3	7	14	30	60	90	120	183
1956	11.00 9	11.00 4	11.00 3	11.00 3	11.00 3	12.00 4	12.00 1	12.00 1	13.00 1
1957	10.00 4	11.00 5	11.00 4	11.00 4	11.00 4	11.00 1	12.00 2	12.00 2	13.00 2
1958	11.00 10	12.00 9	12.00 9	14.00 10	15.00 10	15.00 9	16.00 9	17.00 9	23.00 13
1959	12.00 11	13.00 12	14.00 11	14.00 11	17.00 14	18.00 14	18.00 14	19.00 14	21.00 11
1960	10.00 5	12.00 10	12.00 10	13.00 8	13.00 5	14.00 8	14.00 7	14.00 5	17.00 6
1961	10.00 6	11.00 6	11.00 5	12.00 5	13.00 6	13.00 5	13.00 5	14.00 6	14.00 3
1962	10.00 7	12.00 7	12.00 6	13.00 9	14.00 9	16.00 10	17.00 12	17.00 10	22.00 12
1963	8.00 1	8.20 1	8.90 1	9.80 1	10.00 1	11.00 2	12.00 3	13.00 3	17.00 7
1964	16.00 15	16.00 15	16.00 15	16.00 12	16.00 11	16.00 11	16.00 10	17.00 11	18.00 9
1965	14.00 14	15.00 13	15.00 12	16.00 13	16.00 12	17.00 12	17.00 11	18.00 12	19.00 10
1966	12.00 12	13.00 11	15.00 13	16.00 14	16.00 13	17.00 13	18.00 13	19.00 13	27.00 14
1967	10.00 2	10.00 2	12.00 7	12.00 6	13.00 7	13.00 6	15.00 8	15.00 7	17.00 8
1968	11.00 8	12.00 8	12.00 8	12.00 7	13.00 8	14.00 7	14.00 6	15.00 8	16.00 5
1969	10.00 3	10.00 3	11.00 2	11.00 2	11.00 2	12.00 3	12.00 4	13.00 4	15.00 4
1970	14.00 13	16.00 14	16.00 14	17.00 15	18.00 15	20.00 15	21.00 15	23.00 15	30.00 15

0912600 CIMARRON RIVER NEAR CIMARRON, 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,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
28.3	20.2	17.4	15.4	15.1	17.1	52.4	252	383	157	65.3	39.5
171	31.0	14.9	12.4	8.02	13.2	653	7388	29520	22200	1356	477
13.1	5.57	3.86	3.52	2.83	3.64	25.6	86.0	172	149	36.8	21.8
1.07	1.41	1.18	0.98	0.29	0.76	0.90	0.83	0.70	2.57	1.46	1.28
0.46	0.28	0.22	0.23	0.19	0.21	0.49	0.34	0.45	0.95	0.56	0.55
2.67	1.90	1.64	1.45	1.42	1.61	4.93	23.8	36.0	14.8	6.15	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,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.41	1.29	1.23	1.18	1.17	1.22	1.67	2.38	2.54	2.08	1.76	1.54
0.04	0.01	0.01	0.01	0.01	0.01	0.04	0.02	0.04	0.09	0.05	0.05
0.19	0.11	0.09	0.09	0.08	0.09	0.20	0.14	0.21	0.30	0.22	0.22
0.42	0.83	0.81	0.40	-0.07	0.19	0.34	0.39	-0.36	0.97	0.50	0.41
0.13	0.08	0.07	0.08	0.07	0.07	0.12	0.06	0.08	0.15	0.13	0.14
7.25	6.63	6.32	6.05	6.01	6.29	8.59	12.2	13.0	10.7	9.03	7.91

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
88.7	879	29.6	1.01	0.33	0.043

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
1.93	0.02	0.14	0.45	0.07	-0.001

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CIMARRON RIVER NEAR CIMARRON, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	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											3	84	39	19	21	6	3	6	7	4	23	64	57	3	21	1		1	1	3							
1973											27	129	7	27	35	3	2	19	20	3	26	4	5	2	5	5	3	8	8	8	6	5	7	1			
1974													7	84	114	10	12	2	7	13	11	50	6	1	8	6	6	5	9	8	5	1					
1975						1	45	10	37	63	42	8	1	1	3		6	10	1	12	6	41	9	4	21	3	14	3	1	5	9	8			1		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1461	100.0	12	18.0	176	1149	78.6	24	150	28	203	13.8
1	2.50	0	1461	100.0	13	21.0	34	973	66.6	25	180	35	175	11.9
2	3.00	0	1461	100.0	14	25.0	133	939	64.3	26	220	14	140	9.5
3	3.60	0	1461	100.0	15	30.0	158	806	55.2	27	260	24	126	8.6
4	4.30	0	1461	100.0	16	36.0	16	648	44.4	28	310	17	102	6.9
5	5.10	0	1461	100.0	17	43.0	26	632	43.3	29	370	21	86	5.8
6	6.10	1	1461	100.0	18	52.0	38	606	41.5	30	440	21	64	4.3
7	7.30	45	1460	99.9	19	62.0	32	568	38.9	31	530	20	43	2.9
8	8.70	10	1415	96.9	20	74.0	51	536	36.7	32	630	14	23	1.5
9	10.00	37	1405	96.2	21	89.0	107	485	33.2	33	750	7	9	.6
10	12.00	66	1368	93.6	22	110.0	152	378	25.9	34	900	2	2	.1
11	15.00	153	1302	89.1	23	130.0	23	226	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
CIMARRON RIVER NEAR CIMARRON, CO.

YEAR	1	3	7	15	30	60	90	120	183									
1972	429.0	4	424.0	4	316.0	4	241.0	4	199.0	4	151.0	4	135.0	4	126.0	4	99.0	4
1973	1290.0	1	998.0	1	873.0	1	664.0	1	631.0	1	456.0	1	338.0	1	271.0	1	189.0	1
1974	635.0	3	619.0	3	557.0	3	436.0	3	408.0	3	314.0	3	246.0	3	214.0	3	155.0	3
1975	900.0	2	782.0	2	710.0	2	661.0	2	540.0	2	387.0	2	308.0	2	259.0	2	180.0	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
CIMARRON RIVER NEAR CIMARRON, CO.

YEAR	1	3	7	14	30	60	90	120	183							
1972	12.00	2	13.00	2	15.00	2	15.00	2	16.00	2	17.00	2	17.00	2	39.00	4
1973	16.00	3	16.00	3	16.00	3	16.00	3	17.00	3	17.00	3	18.00	3	21.00	2
1974	18.00	4	18.00	4	18.00	4	20.00	4	21.00	4	29.00	4	29.00	4	31.00	3
1975	7.00	1	7.30	1	7.50	1	7.70	1	7.90	1	9.10	1	10.00	1	11.00	1

GUNNISON RIVER BASIN

09126500 CIMARRON RIVER AT CIMARRON, COLO.

LOCATION.--Lat 38°26'28", long 107°33'13", in SW¼SW¼ sec.5, T.48 N., R.6 W., Montrose County, on left bank at Cimarron, 100 ft (30 m) from U.S. Highway 50, 1,100 ft (340 m) upstream from Squaw Creek, and 1.2 mi (1.9 km) upstream from mouth.

DRAINAGE AREA.--209 mi² (541 km²).

REMARKS.--Natural flow of stream affected by Cimarron and Owl Creek ditches for irrigation of about 5,000 acres (20.2 km²) in Uncompahgre River drainage, imported water from Blue Creek drainage, diversions for irrigation of about 3,000 acres (12.1 km²), and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN

CIMARRON RIVER AT CIMARRON, 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	
1904									2	38	38	12	50	60	21	16	14	17	9	14	11	9	5	4	7	10	8	13	3	4	1					
1905							3	27	101	29	22	27	27	8	5	7	10	11	7	10	8	4	5	2	3	6	4	7	7	6	5	6	7	1		
1963	2	3	4	5	14	33	49	62	21	17	33	30	23	10	14	5	7	6	7	6	6	6	2													
1964						1	20	20	95	51	16	14	24	16	11	17	6	6	7	2	4	3	3	6	3	7	10	4	11	5	3	1				
1965							2	29	55	33	32	27	22	10	10	9	4	19	12	3	9	9	14	6	11	9	15	9	9	6	1					
1966				14	21	11	8	10	14	52	41	25	26	25	15	4	5	16	17	9	13	7	3	4	5	8	7	5								
1967				13	14	22	30	56	50	45	36	21	17	11	6	9	1	5	4	4	3	6	2	2	3	3	1	1								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2557	100.0	12	42.0	156	1263	49.4	24	260	24	259	10.1
1	8.00	2	2557	100.0	13	49.0	189	1107	43.3	25	300	32	235	9.1
2	9.30	3	2555	99.9	14	57.0	140	918	35.9	26	340	43	203	7.9
3	11.00	4	2552	99.8	15	66.0	82	778	30.4	27	400	45	160	6.2
4	13.00	32	2548	99.6	16	77.0	67	696	27.2	28	470	39	115	4.4
5	15.00	49	2516	98.4	17	89.0	47	629	24.6	29	540	30	76	2.9
6	17.00	67	2467	96.5	18	100.0	80	582	22.8	30	630	21	46	1.7
7	20.00	112	2400	93.9	19	120.0	63	502	19.6	31	730	10	25	.9
8	23.00	204	2288	89.5	20	140.0	48	439	17.2	32	850	7	15	.5
9	27.00	338	2084	81.5	21	160.0	54	391	15.3	33	990	7	8	.3
10	31.00	265	1746	68.3	22	190.0	44	337	13.2	34	1200	1	1	
11	36.00	218	1481	57.9	23	220.0	34	293	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

CIMARRON RIVER AT CIMARRON, CO.

YEAR	1	3	7	15	30	60	90	120	183									
1904	785.0	3	660.0	4	578.0	4	554.0	4	504.0	4	399.0	4	322.0	4	263.0	4	201.0	3
1905	1260.0	1	1170.0	1	1140.0	1	1040.0	1	853.0	1	606.0	1	457.0	1	367.0	1	255.0	1
1963	246.0	7	229.0	7	199.0	7	180.0	7	159.0	7	114.0	7	98.0	7	84.0	7	67.0	7
1964	880.0	2	820.0	2	724.0	2	612.0	3	566.0	2	443.0	2	331.0	3	264.0	3	189.0	4
1965	780.0	4	706.0	3	685.0	3	618.0	2	535.0	3	435.0	3	382.0	2	320.0	2	237.0	2
1966	530.0	5	510.0	5	472.0	5	384.0	5	356.0	5	274.0	5	228.0	5	187.0	5	135.0	5
1967	500.0	6	446.0	6	362.0	6	274.0	6	217.0	6	150.0	6	113.0	6	96.0	6	75.0	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

CIMARRON RIVER AT CIMARRON, CO.

YEAR	1	3	7	14	30	60	90	120	183									
1905	26.00	6	26.00	5	26.00	5	27.00	5	29.00	4	29.00	4	30.00	4	40.00	5		
1963	8.00	1	8.70	1	10.00	1	13.00	1	15.00	1	20.00	2	21.00	2	23.00	2	23.00	1
1964	12.00	2	12.00	2	14.00	2	16.00	3	22.00	3	23.00	3	23.00	3	24.00	3	26.00	3
1965	19.00	4	23.00	4	25.00	4	25.00	4	27.00	4	31.00	5	31.00	5	32.00	5	35.00	4
1966	26.00	5	27.00	6	29.00	6	32.00	6	33.00	6	36.00	6	40.00	6	43.00	6	51.00	6
1967	13.00	3	13.00	3	14.00	3	15.00	2	15.00	2	18.00	1	19.00	1	22.00	1	24.00	2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
43.8	36.5	36.2	31.8	33.8	49.0	90.6	295	364	123	48.4	46.2
352	252	147	42.6	19.2	155	1532	11970	65360	14280	762	986
18.8	15.9	12.1	6.53	4.38	12.5	39.1	109	256	119	27.6	31.4
0.17	1.76	0.40	0.56	0.76	1.15	0.25	-0.85	0.54	1.45	0.14	1.01
0.43	0.43	0.33	0.21	0.13	0.25	0.43	0.37	0.70	0.97	0.57	0.68
3.65	3.05	3.02	2.65	2.82	4.09	7.56	24.6	30.3	10.3	4.03	3.85

GUNNISON RIVER BASIN

09126500 CIMARRON RIVER AT CIMARRON, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

DCT	NDV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANOARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.60	1.53	1.54	1.50	1.53	1.68	1.92	2.44	2.43	1.91	1.61	1.58
0.04	0.03	0.02	0.01	0.00	0.01	0.04	0.04	0.16	0.20	0.08	0.08
0.20	0.16	0.15	0.09	0.06	0.11	0.20	0.20	0.40	0.45	0.28	0.28
-0.03	1.22	-0.33	0.33	0.42	0.47	-0.12	-1.04	-0.85	0.15	-0.24	0.50
0.12	0.11	0.10	0.06	0.04	0.06	0.10	0.08	0.17	0.24	0.18	0.18
7.54	7.21	7.23	7.03	7.17	7.90	9.03	11.5	11.4	8.96	7.58	7.44

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANOARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
100.0	1658	40.7	-0.44	0.41	0.208

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.96	0.04	0.21	-0.79	0.11	0.121

09127000 CIMARRON RIVER BELOW SQUAW CREEK, AT CIMARRON, COLO.

LOCATION.--Lat 38°26'47", long 107°33'18", in NW¼SW¼ sec.5, T.48 N., R.6 W., Montrose County, on left bank 150 ft (46 m) upstream from road bridge, 0.2 mi (0.3 km) downstream from Squaw Creek, 0.3 mi (0.5 km) north of Cimarron, and 0.8 mi (1.3 km) upstream from mouth.

DRAINAGE AREA.--229 mi² (593 km²).

REMARKS.--Natural flow of stream affected by diversions by Cimarron and Owl Creek ditches for irrigation of about 5,000 acres (20.2 km²) in Uncompahgre River drainage, diversions importing water from Blue Creek drainage, diversions for irrigation of about 3,000 acres (12.1 km²) above station, return flow from irrigated areas, and storage reservoirs (combined capacity, about 900 acre-ft or 1.11 hm³).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN	CIMARRON RIVER BL SQUAW CREEK, NR CIMARRON, 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																																			
1944					9	16	10	11	12	51	55	53	12	17	14	5	2	9	5	6	2	6	4	2	6	2	5	12	9	10	17	3	1			
1945					7	9	14	43	87	49	14	18	9	9	4	6	7	8	4	6	3	2	9	8	8	17	11	6	5	2						
1946					7	7	9	20	78	61	55	19	10	10	9	2	5	7	10	11	9	7	12	3				2	5	7						
1947					7	21	6	3	25	44	22	41	29	17	21	12	14	11	8	5	6	9	1	8	12	11	11	13	4	2	2					
1948					3	7	16	6	16	26	46	39	24	29	25	16	7	5	6	3	6	7	6	4	7	5	9	6	8	5	12	6			5	
1949						10	18	10	20	46	67	42	27	10	2	1	4	5	7	4	4	3	7	11	12	9	11	8	10	4	3	2	5	3		
1950		5	5	3	13	12	12	19	22	82	53	27	13	4	4	7	5	10	9	9	12	10	7	5	3	4	10									
1951		3	7	7	12	28	14	12	25	62	59	34	14	11	6	6	4	5	6	8	7	3	1	9	7	2	5	6	2							
1952			2	6	21	24	50	65	35	13	13	11	14	9	3	3	2	4	4	5	3	5	15	8	9	7	6	5	8	3	2	4	6	1		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	3288	100.0	12	47.0	172	1301	39.6	24	300	66	422	12.8
1	8.60	8	3288	100.0	13	55.0	117	1129	34.3	25	350	50	356	10.8
2	10.00	12	3280	99.8	14	64.0	91	1012	30.8	26	400	75	306	9.3
3	12.00	15	3268	99.4	15	74.0	54	921	28.0	27	470	64	231	7.0
4	14.00	54	3253	98.9	16	86.0	45	867	26.4	28	550	49	167	5.0
5	16.00	138	3199	97.3	17	100.0	60	822	25.0	29	640	41	118	3.5
6	19.00	106	3061	93.1	18	120.0	57	762	23.2	30	750	39	77	2.3
7	22.00	144	2955	89.9	19	140.0	56	705	21.4	31	870	13	38	1.1
8	25.00	258	2811	85.5	20	160.0	60	649	19.7	32	1000	10	25	.7
9	29.00	531	2553	77.6	21	190.0	52	589	17.9	33	1200	14	15	.4
10	34.00	418	2022	61.5	22	220.0	40	537	16.3	34	1400	1	1	
11	40.00	303	1604	48.8	23	250.0	75	497	15.1					

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

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN	CIMARRON RIVER BL SQUAW CREEK, NR CIMARRON, CO.																	
YEAR	1	3	7	15	30	60	90	120	183									
1944	1000.0	4	912.0	4	833.0	4	793.0	4	740.0	4	652.0	2	501.0	3	398.0	3	273.0	3
1945	840.0	6	778.0	6	668.0	6	626.0	5	514.0	5	459.0	5	367.0	5	293.0	5	209.0	5
1946	745.0	7	702.0	7	682.0	5	607.0	6	395.0	7	305.0	7	246.0	7	198.0	7	143.0	7
1947	850.0	5	793.0	5	630.0	7	533.0	7	483.0	6	401.0	6	343.0	6	275.0	6	206.0	6
1948	1340.0	2	1320.0	2	1180.0	2	944.0	3	882.0	1	656.0	1	515.0	1	409.0	1	282.0	1
1949	1290.0	3	1270.0	3	1150.0	3	993.0	2	771.0	3	587.0	4	485.0	4	391.0	4	270.0	4
1950	462.0	9	442.0	9	429.0	9	374.0	9	322.0	9	236.0	9	203.0	8	166.0	8	120.0	8
1951	571.0	8	550.0	8	513.0	8	409.0	8	373.0	8	271.0	8	201.0	9	163.0	9	120.0	9
1952	1420.0	1	1380.0	1	1330.0	1	1160.0	1	840.0	2	632.0	3	509.0	2	399.0	2	277.0	2

09127000 CIMARRON RIVER BELOW SQUAW CREEK, AT CIMARRON, 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
CIMARRON RIVER BL SQUAW CREEK, NR CIMARRON, CO.

YEAR	1	3	7	14	30	60	90	120	183
1944	14.00 4	14.00 4	15.00 4	19.00 7	32.00 9	33.00 9	35.00 9	37.00 9	39.00 8
1945	14.00 5	15.00 6	15.00 5	15.00 4	17.00 3	21.00 3	24.00 3	25.00 3	27.00 3
1946	17.00 8	17.00 7	18.00 8	19.00 8	22.00 7	27.00 7	31.00 7	34.00 7	33.00 6
1947	14.00 6	14.00 5	15.00 6	16.00 5	17.00 4	22.00 4	27.00 5	31.00 5	32.00 5
1948	18.00 9	20.00 9	24.00 9	25.00 9	26.00 8	28.00 8	31.00 8	37.00 8	41.00 9
1949	12.00 3	12.00 3	14.00 3	14.00 3	17.00 5	24.00 5	29.00 6	32.00 6	34.00 7
1950	16.00 7	17.00 8	17.00 7	19.00 6	21.00 6	24.00 6	26.00 4	30.00 4	30.00 4
1951	8.90 2	9.50 2	9.90 1	11.00 1	13.00 1	15.00 1	17.00 1	20.00 1	25.00 2
1952	8.60 1	9.10 1	10.00 2	11.00 2	16.00 2	19.00 2	19.00 2	20.00 2	22.00 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)											
33.5	37.2	36.5	31.3	30.7	40.6	145	365	537	132	41.0	27.8
129	94.6	44.7	11.8	40.2	63.3	5125	29310	33760	6707	349	319
11.4	9.73	6.69	3.43	6.34	7.95	71.6	171	184	81.9	18.7	17.8
0.24	-0.54	-0.71	0.84	-1.30	-0.19	0.79	0.54	0.37	0.60	0.81	2.54
0.34	0.26	0.18	0.11	0.21	0.20	0.49	0.47	0.34	0.62	0.46	0.64
2.30	2.56	2.51	2.15	2.11	2.79	9.94	25.0	36.8	9.05	2.82	1.91

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)											
1.50	1.56	1.56	1.49	1.48	1.60	2.11	2.52	2.71	2.04	1.57	1.39
0.03	0.02	0.01	0.00	0.01	0.01	0.05	0.05	0.02	0.08	0.04	0.04
0.16	0.13	0.09	0.05	0.11	0.09	0.22	0.22	0.15	0.28	0.19	0.20
-0.64	-0.97	-1.04	0.54	-1.93	-0.65	-0.19	-0.23	-0.03	0.05	0.28	1.80
0.11	0.08	0.06	0.03	0.07	0.06	0.10	0.09	0.06	0.14	0.12	0.15
6.97	7.23	7.23	6.94	6.86	7.44	9.81	11.7	12.6	9.48	7.32	6.46

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
121	1248	35.3	-0.40	0.29	0.051

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.07	0.02	0.14	-0.60	0.07	0.062

09127500 CRYSTAL CREEK NEAR MAHER, COLO.

LOCATION.--Lat 38°33'07", long 107°30'20", in NW¼SE¼ sec.35, T.50 N., R.6 W., Montrose County, on left bank 640 ft (200 m) downstream from private bridge, 0.5 mi (0.8 km) upstream from diversion dam for Cattleman's ditch, 0.7 mi (1.1 km) downstream from Dyer Creek, 7 mi (11.3 km) upstream from mouth, and 7 mi (11.3 km) southeast of Maher.

DRAINAGE AREA.--42.2 mi² (109.3 km²).

REMARKS.--Small diversions for irrigation of hay meadows above station. Diversions above station for irrigation of about 800 acres (3.24 km²) below station and about 700 acres (2.83 km²) in Iron Creek basin.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CRYSTAL CREEK NEAR MAHER, 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																																					
1946					10	16	3	38	55	66	19	25	21	9	6	3	3	5	11	6	5	10	7	13	12	6	10	6									
1947					3	23	49	40	48	24	21	20	19	13	6	3	1	9	9	3	4	7	11	7	11	14	6	4	1	5	1	3					
1948						9	30	26	32	75	26	12	18	27	13	8	4	6	2	5	4	5	4	2	3	3	6	13	10	6	4	4	6	3			
1949							22	81	65	45	10	10	12	15	6	4	6	8	5	2		2	2	4	7	14	15	24	5	1							
1950						12	39	44	109	43	7	1	1	4	3	3	5	9	5	8	10	9	10	15	11	11	6										
1951						2	29	97	45	33	25	11	14	13	8	2	3	3	13	7	9	5	10	10	10	3	6	1	3	1	2						
1952					1		5	36	70	79	34	11	10	8	6	6	1	3	5	5	7	3	4	2	5	3	8	3	6	16	12	8	7	2			
1953						13	18	20	53	66	38	16	12	15	20	10	5	4	8	7	4	5	5	6	3	2	4	6	4	4	8	7	1	1			
1954					2	4	6	11	17	61	73	35	36	23	7	6	5	9	3	19	14	12	14	5													
1961						5	12	11	37	36	41	7	6	16	8	5	6	5	3	2	6	4	5	16	6	5	2	12	6	3							
1962						11	34	33	42	35	29	34	17	9	5	8	6	3	7	5	3	3	1	3	6	11	11	18	4	4	7	6	10				
1963						1	17	31	32	64	40	52	24	3	5	3	4	10	6	9	10	15	9	9	8	4	6										
1964						10	10	10	124	45	17	20	10	10	6	8	7	7	5	4	5	7	9	5	3	6	9	5	3	2	1	6	5	2			
1965							10	51	100	17	3	7	17	18	19	7	11	6	6	4	1	2	1	4	7	10	15	13	6	7	9	13	1				

GUNNISON RIVER BASIN

09127500 CRYSTAL CREEK NEAR MAHER, COLO.--Continued

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CRYSTAL CREEK NEAR MAHER, 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																																					
1966				4	4	9	19	28	55	44	37	25	7	15	13	6	6	3	2	7	9	10	15	14	7	15	1		7	3							
1967	1	2	8	5	13	20	26	97	32	16	16	10	8	18	7	11	12	16	12	8	9	4	8	5	1												
1968				1	17	32	76	48	17	15	4	11	18	21	9	9	11	10	4	2	1	3	1	4	6	10	3	7	8	3	3	5	7				
1969					3	2	114	65	26	6	5	6	16	11	7	8	5	11	8	12	5	3	4	6	17	7	10	4	2								

CLASS	VALUE	TOTAL	ACCU	PERCT	CLASS	VALUE	TOTAL	ACCU	PERCT	CLASS	VALUE	TOTAL	ACCU	PERCT
0	0.00	0	6574	100.0	12	10.0	200	2432	37.0	24	74	112	787	11.9
1	1.50	3	6574	100.0	13	12.0	199	2232	34.0	25	87	118	675	10.2
2	1.90	6	6571	100.0	14	14.0	224	2033	30.9	26	100	144	557	8.4
3	2.20	20	6565	99.9	15	17.0	118	1809	27.5	27	120	91	413	6.2
4	2.60	64	6545	99.6	16	20.0	102	1691	25.7	28	140	100	322	4.8
5	3.10	171	6481	98.6	17	23.0	109	1589	24.2	29	170	68	222	3.3
6	3.70	343	6310	96.0	18	27.0	136	1480	22.5	30	200	55	154	2.3
7	4.40	919	5967	90.8	19	32.0	125	1344	20.4	31	240	52	99	1.5
8	5.10	1002	5048	76.8	20	38.0	115	1219	18.5	32	280	26	47	.7
9	6.10	837	4046	61.5	21	45.0	99	1104	16.8	33	330	18	21	.3
10	7.20	555	3209	48.8	22	53.0	113	1005	15.3	34	390	3	3	
11	8.50	222	2654	40.4	23	63.0	105	892	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
CRYSTAL CREEK NEAR MAHER, CO.

YEAR	1	3	7	15	30	60	90	120	183
1946	162.0 13	156.0 13	142.0 13	125.0 12	106.0 12	92.0 11	78.0 11	62.0 11	44.0 11
1947	286.0 7	283.0 6	258.0 7	197.0 8	153.0 8	123.0 8	97.0 9	77.0 9	54.0 9
1948	412.0 1	403.0 1	385.0 1	313.0 1	257.0 1	205.0 1	151.0 2	117.0 2	80.0 3
1949	215.0 9	191.0 11	164.0 12	151.0 10	138.0 9	136.0 7	111.0 6	86.0 6	61.0 6
1950	135.0 15	127.0 15	110.0 15	99.0 15	95.0 15	86.0 13	72.0 13	58.0 13	41.0 13
1951	212.0 10	197.0 10	166.0 11	125.0 13	99.0 14	78.0 15	61.0 14	49.0 14	35.0 14
1952	350.0 4	330.0 3	283.0 4	248.0 4	220.0 3	203.0 2	157.0 1	123.0 1	83.0 1
1953	365.0 2	306.0 5	272.0 5	247.0 5	204.0 5	134.0 8	100.0 8	78.0 8	55.0 7
1954	47.0 18	46.0 18	44.0 18	43.0 18	37.0 18	33.0 18	27.0 18	22.0 18	16.0 18
1961	143.0 14	138.0 14	135.0 14	120.0 14	102.0 13	81.0 14	60.0 15	47.0 15	33.0 15
1962	268.0 8	258.0 8	248.0 8	208.0 7	205.0 4	150.0 5	123.0 5	97.0 5	66.0 5
1963	92.0 17	90.0 16	88.0 16	76.0 16	63.0 16	50.0 16	45.0 16	36.0 16	26.0 16
1964	350.0 5	330.0 4	310.0 3	276.0 3	199.0 6	136.0 6	101.0 7	79.0 7	54.0 8
1965	302.0 6	282.0 7	268.0 6	242.0 6	193.0 7	173.0 4	145.0 3	114.0 3	80.0 2
1966	197.0 12	189.0 12	174.0 9	143.0 11	111.0 11	88.0 12	74.0 12	60.0 12	42.0 12
1967	95.0 16	85.0 17	80.0 17	70.0 17	59.0 17	45.0 17	39.0 17	32.0 17	24.0 17
1968	364.0 3	355.0 2	346.0 2	301.0 2	243.0 2	174.0 3	126.0 4	98.0 4	68.0 4
1969	202.0 11	197.0 9	172.0 10	152.0 9	137.0 10	112.0 10	90.0 10	73.0 10	51.0 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
CRYSTAL CREEK NEAR MAHER, CO.

YEAR	1	3	7	14	30	60	90	120	183
1947	3.20 10	3.20 9	3.30 7	3.60 8	3.90 7	4.50 7	4.60 7	5.20 8	5.30 6
1948	4.10 13	4.40 13	4.70 14	4.90 14	5.70 16	6.30 16	6.60 16	7.00 16	8.70 16
1949	4.00 12	4.10 12	4.30 12	4.50 12	4.70 11	5.10 11	5.40 11	5.80 12	5.90 9
1950	4.20 14	4.60 14	4.70 13	4.90 13	5.20 13	5.70 14	5.70 13	6.00 14	6.30 13
1951	3.50 11	3.90 11	4.00 11	4.20 10	4.70 12	4.90 9	4.80 8	5.00 7	5.30 7
1952	2.50 4	3.70 10	3.80 9	3.80 9	4.30 9	5.10 12	5.30 10	5.70 10	6.00 10
1953	3.10 9	3.10 8	3.40 8	3.50 7	4.20 8	5.00 10	5.50 12	5.80 11	6.30 14
1954	2.50 5	2.80 4	3.20 6	3.30 4	3.70 6	3.80 1	4.10 1	4.40 2	4.60 2
1962	2.60 6	2.80 5	3.00 4	3.30 5	3.60 5	3.90 2	4.30 2	4.80 6	6.10 11
1963	2.70 7	2.90 6	3.00 5	3.30 6	3.50 3	3.90 3	4.30 3	4.60 3	4.80 4
1964	2.40 2	2.50 2	2.60 2	2.80 2	3.00 1	3.90 4	4.30 4	4.60 4	4.70 3
1965	2.80 8	3.10 7	3.90 10	4.30 11	4.60 10	4.80 8	5.10 9	5.30 9	5.30 8
1966	4.40 15	4.80 15	5.10 15	5.20 15	5.30 14	5.70 13	6.00 15	6.30 15	7.80 15
1967	2.50 3	2.80 3	2.70 3	2.80 3	3.60 4	4.10 6	4.50 6	4.80 5	5.20 5
1968	1.60 1	1.80 1	2.10 1	2.40 1	3.30 2	4.00 5	4.30 5	4.30 1	4.50 1
1969	4.50 16	4.90 16	5.10 16	5.40 16	5.60 15	5.90 15	5.90 14	5.90 13	6.10 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)											
6.48	6.30	6.01	5.53	5.65	9.19	55.0	123	87.7	19.2	8.01	6.36
7.56	2.20	1.04	0.90	1.06	21.5	1021	2930	2739	141	10.1	8.43
2.75	1.48	1.02	0.95	1.03	4.64	31.9	54.1	52.3	11.9	3.18	2.90
1.72	1.83	-0.61	-0.05	0.00	2.00	0.75	0.43	0.65	2.02	0.69	1.55
0.42	0.24	0.17	0.17	0.18	0.50	0.58	0.44	0.60	0.62	0.40	0.46
1.91	1.86	1.78	1.63	1.67	2.72	16.3	36.3	25.9	5.68	2.37	1.88

09127500 CRYSTAL CREEK NEAR MAHER, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
0.78	0.79	0.77	0.74	0.74	0.92	1.67	2.04	1.86	1.21	0.87	0.77
0.02	0.01	0.01	0.01	0.01	0.03	0.06	0.05	0.09	0.07	0.03	0.03
0.15	0.09	0.08	0.08	0.08	0.18	0.25	0.21	0.30	0.26	0.18	0.17
1.18	1.06	-0.93	-0.24	-0.26	0.93	0.28	-0.64	-0.62	-0.22	-0.20	0.78
0.20	0.12	0.10	0.10	0.11	0.20	0.15	0.11	0.16	0.21	0.20	0.23
5.94	6.00	5.86	5.59	5.65	7.01	12.7	15.5	14.1	9.21	6.61	5.83

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
28.2	103	10.2	0.05	0.36	-0.077

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.42	0.03	0.18	-0.71	0.12	-0.054

09127998 GUNNISON RIVER ABOVE GUNNISON TUNNEL, COLO.

LOCATION.--Lat 38°31'34", long 107°38'56", in NE¼SW¼ sec.10, T.49 N., R.7 W., Montrose County, on left bank 400 ft (120 m) upstream from east portal of Gunnison tunnel, 4.3 mi (6.9 km) downstream from Crystal Creek, and 12 mi (19 km) northeast of Montrose.

DRAINAGE AREA.--3,963 mi² (10,264 km²).

REMARKS.--Natural flow of stream affected by transmountain diversions, Taylor Park Reservoir (capacity, 106,200 acre-ft or 131 hm³) since September 1937; Blue Mesa Reservoir (capacity, 829,600 acre-ft or 1,020 hm³) since Oct. 26, 1965; Morrow Point Reservoir (capacity, 121,200 acre-ft or 149 hm³) since Jan. 24, 1968; diversions for irrigation of about 63,000 acres (255 km²), and return flow from irrigated areas. Records for water years 1916-65 are a summation of flow through Gunnison tunnel and flow at gage below Gunnison tunnel. Statistical summaries are shown for two periods, water years 1906-8, 1910-37 and water years 1938-65.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
GUNNISON RIVER ABOVE GUNNISON TUNNEL, 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	
1906			3107	25	15	29	4	3	9	9	7	23	14	7	5	3	14	7	4	13	5	4	10	5	13	11	7	2	2	3	2					
1907		2	10	90	1	4	6	11	16	34	15	10	15	7	7	9	23	11	7	11	8	8	3	3	5	3	8	11	20							
1908		9	93	1	15	40	20	15	12	21	5	15	7	12	14	19	13	19	6	8	8	6	6	2												
1910		108	1	12	30	14	11	12	24	13	14	12	6	11	9	10	5	7	10	7	11	10	6	4	10	5	3									
1911			90	29	19	40	3		10	24	1	20	8	7	8	5	2	4	5	14	7	7	8	10	14	9	12	6	3							
1912			60	31	15	33	16	12	21	4	20	7	6	8	7	18	7	11	10	12	17	3	6	7	11	2	10	12								
1913		15	30	64	32	1		20	38	53	9	3	11	4	8	4	1	3	10	12	18	16	7	6												
1914			7	59	31	1	27	50	12	21	7	11	5	9	12	10	10	11	8	7	7	4	7	4	7	4	8	12	11	8	6					
1915			59	37	12	17	13	41	16	38	15	14	16	9	10	8	3	11	11	8	6	7	6	7	1											
1916			60	38	15	34	3	43	2	5	12	5	11	5	7	9	13	6	11	9	11	9	11	6	8	3	7	8	14	1						
1917			31	30	62	20	8	14	9	13	26	10	19	14	14	5	4	4	7	18	7	5	3	4	6	3	4	3	1	8	4	9				
1918			31	31	28	51	37	8	11	17	17	14	14	10	12	6	6	12	3	3	4	4	8	5	7	7	2	6	2	4	2	3				
1919			31	28	31	1	1	77	39	13	3	16	5	10	8	5	7	8	10	15	13	15	3	3	1	5	4	3								
1920			31	60	14	46	16	45	10	16	5	13	6	5	3	7	7	7	6	3	3	2	6	5	8	11	2	2	12	6	9					
1921			90		31	40	29	7	17	7	13	12	5	12	12	2	3	8	11	8	8	4	11	5	7	2	9	3	1	2	3	3				
1922			102	7	57	35	26	5	25	7	12	6	2	4	3	5	6	3	7	3	6	7	7	7	7	9	10	4								
1923			95	18	30	38	7	1	1	7	6	14	18	13	9	12	11	5	4	4	7	12	7	6	11	10	14	5								
1924			12105	43	8	28	19	14	22	7	5	6	3	6	10	8	5	4	3	10	10	5	6	14	4	2	6	1								
1925			1	97	4	22	22	39	3	8	21	8	15	12	10	8	9	12	16	12	13	11	9	10	3											
1926			31	28	36	8	46	26	24	25	14	10	9	8	4	6	9	6	7	16	7	11	4	2	4	3	4	9	7	1						
1927			63	31	35	47	5	1	1	9	7	13	19	16	16	14	4	7	5	3	6	5	16	12	15	7	5	3								
1928					68	39	6	13	54	44	6	14	10	14	5	5	8	7	1	2	5	3	12	11	9	9	7	5	4	1	4					
1929			31	59	1	1	22	19	8	42	2	5	2	3	6	8	18	18	19	14	10	14	5	8	4	4	8	8	11	6	9					
1930			31	28	31	32	8	9	6	22	23	9	14	14	18	27	11	11	12	6	7	8	13	9	5	7	4									
1931		11	11	45	69	48	42	29	23	14	7	12	11	7	8	4	10	4	5	5																
1932			62	51	44	28	18	5	4	3	21	8	5	10	9	9	4	7	14	5	2	4	10	11	9	17	6									
1933			80	10	21	17	36	51	25	13	8	22	11	10	3	8	6	1	2	2	2	3	4	5	2	8	8	4	2	1						
1934			6	22	50	88	35	60	31	8	5	1	4	1	10	10	6	11	3	3	6	3	2													
1935			85	51	16	24	12	9	6	11	13	30	13	14	5	3	14	4	5	8	2	6	4	8	2	1	4	5	3	1	6					
1936			33	60	3	31	49	24	9	7	5	14	2	21	7	11	7	2	4	4	4	8	4	8	13	5	9	14	6	2						
1937			6	70	29	47	4	32	29	23	9	6	10	4	4	6	6	1	4	6	15	13	5	7	5	2	6	8	5	3						

09127998 GUNNISON RIVER ABOVE GUNNISON TUNNEL, COLO.--Continued

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

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN

GUNNISON RIVER ABOVE GUNNISON TUNNEL, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	11323	100.0	12	1200.0	228	4184	37.0	24	5300	189	1143	10.0
1	302.00	23	11323	100.0	13	1300.0	384	3956	34.9	25	6000	171	954	8.4
2	340.00	411	11300	99.8	14	1500.0	286	3572	31.5	26	6700	206	783	6.9
3	390.00	730	10889	96.2	15	1700.0	244	3286	29.0	27	7600	189	577	5.0
4	440.00	1381	10159	89.7	16	1900.0	289	3042	26.9	28	8600	141	388	3.4
5	500.00	956	8778	77.5	17	2200.0	253	2753	24.3	29	9800	103	247	2.1
6	560.00	832	7822	69.1	18	2500.0	239	2500	22.1	30	11000	92	144	1.2
7	640.00	805	6990	61.7	19	2800.0	257	2261	20.0	31	13000	17	52	.4
8	720.00	538	6185	54.6	20	3200.0	209	2004	17.7	32	14000	29	35	.3
9	820.00	480	5647	49.9	21	3600.0	231	1795	15.9	33	16000	3	6	
10	920.00	374	5167	45.6	22	4100.0	203	1564	13.8	34	18000	3	3	
11	1000.00	609	4793	42.3	23	4600.0	218	1361	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

GUNNISON RIVER ABOVE GUNNISON TUNNEL, CO.

YEAR	1	3	6	7	15	30	60	90	120	183								
1906	14700.0	6	14200.0	6	13400.0	6	11000.0	8	9450.0	9	7920.0	9	6450.0	9	5400.0	10	3950.0	8
1907	12700.0	7	12600.0	7	12300.0	7	11600.0	6	11200.0	4	9210.0	2	7330.0	2	6190.0	2	4610.0	1
1908	6840.0	27	6560.0	26	6540.0	26	5600.0	27	4890.0	28	3890.0	29	3420.0	29	3010.0	28	2340.0	28
1910	9980.0	21	9810.0	21	9510.0	18	8070.0	21	7100.0	21	6360.0	18	5170.0	18	4440.0	16	3250.0	16
1911	11200.0	12	11100.0	12	10700.0	12	10100.0	11	9100.0	10	7840.0	10	6710.0	6	5620.0	5	4140.0	7
1912	12700.0	8	12500.0	8	11900.0	8	11500.0	7	10300.0	5	8280.0	6	6910.0	4	5920.0	3	4320.0	4
1913	6690.0	28	6230.0	28	6130.0	28	5570.0	28	5120.0	27	4660.0	26	3990.0	25	3340.0	25	2530.0	25
1914	12700.0	9	12100.0	10	11100.0	11	11000.0	11	10700.0	9	9600.0	7	8170.0	7	6690.0	7	4150.0	6
1915	7050.0	26	6420.0	27	6260.0	27	5940.0	26	5190.0	26	4200.0	28	3490.0	28	2980.0	29	2270.0	29
1916	11000.0	15	10700.0	14	10300.0	13	9740.0	13	8560.0	13	7440.0	12	6220.0	11	5340.0	11	3950.0	9
1917	15800.0	2	15700.0	2	15300.0	2	14300.0	2	11900.0	2	8450.0	4	6590.0	8	5450.0	9	3920.0	11
1918	15200.0	3	14800.0	5	13700.0	5	11800.0	4	9090.0	11	7100.0	13	5490.0	15	4450.0	15	3310.0	15
1919	8940.0	23	8810.0	23	8090.0	23	7530.0	23	5750.0	25	4810.0	24	4140.0	24	3540.0	22	2630.0	22
1920	15200.0	4	14900.0	3	14600.0	3	13900.0	3	12900.0	1	10000.0	1	7830.0	1	6300.0	1	4470.0	2
1921	18700.0	1	18300.0	1	17500.0	1	14600.0	1	11800.0	3	8750.0	3	7110.0	3	5820.0	4	4270.0	5
1922	10200.0	18	10200.0	16	9670.0	15	8810.0	16	8240.0	14	6760.0	16	5300.0	16	4290.0	17	3100.0	17
1923	10200.0	19	10000.0	17	9390.0	20	9140.0	14	8760.0	12	7490.0	11	6220.0	12	5230.0	12	3920.0	12
1924	11200.0	13	10900.0	13	9750.0	14	9080.0	15	7560.0	17	6440.0	17	5170.0	17	4250.0	18	3020.0	19
1925	6300.0	29	6100.0	29	5760.0	29	5450.0	29	4610.0	29	4210.0	27	3820.0	27	3340.0	26	2500.0	23
1926	10100.0	20	9860.0	19	9510.0	19	8680.0	17	7480.0	19	5500.0	21	4570.0	20	3780.0	20	2740.0	21
1927	10300.0	17	10000.0	18	9570.0	17	8370.0	20	7460.0	20	6890.0	14	5740.0	13	4800.0	13	3710.0	13
1928	15000.0	5	14800.0	4	13900.0	4	11600.0	5	9520.0	8	8310.0	5	6720.0	5	5480.0	7	3950.0	10
1929	12500.0	10	11600.0	11	11200.0	10	10200.0	10	9710.0	6	8020.0	8	6390.0	10	5460.0	8	4330.0	3
1930	8190.0	25	7860.0	25	7590.0	25	6740.0	25	6230.0	24	4730.0	25	4330.0	21	3700.0	21	2890.0	20
1931	3140.0	31	3030.0	31	2970.0	31	2640.0	31	2250.0	31	1770.0	31	1510.0	31	1290.0	31	1020.0	31
1932	8480.0	24	7940.0	24	7730.0	24	7200.0	24	6430.0	23	6100.0	19	4970.0	19	4210.0	19	3070.0	18
1933	11200.0	14	10600.0	15	9580.0	16	8470.0	18	7520.0	18	5350.0	22	3950.0	26	3210.0	27	2350.0	27
1934	3820.0	30	3660.0	30	3340.0	30	3000.0	30	2520.0	30	1990.0	30	1560.0	30	1310.0	30	1040.0	30
1935	12400.0	11	12300.0	9	11700.0	9	9980.0	12	7800.0	16	5530.0	20	4260.0	22	3500.0	23	2590.0	24
1936	10600.0	16	9830.0	20	8810.0	21	8410.0	19	7890.0	15	6820.0	15	5510.0	14	4540.0	14	3320.0	14
1937	9550.0	22	9090.0	22	8490.0	22	7740.0	22	6730.0	22	5070.0	23	4220.0	23	3440.0	24	2490.0	26

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

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN

GUNNISON RIVER ABOVE GUNNISON TUNNEL, CO.

YEAR	1	3	7	14	30	60	90	120	183									
1906	400.00	14	425.00	17	444.00	21	453.00	24	460.00	24	463.00	20	467.00	18	473.00	12	495.00	7
1907	380.00	9	397.00	12	417.00	14	431.00	17	454.00	23	463.00	21	464.00	16	505.00	21	661.00	26
1908	415.00	16	431.00	19	431.00	18	439.00	18	445.00	18	448.00	16	448.00	13	484.00	15	614.00	21
1909	450.00	23	450.00	22	450.00	22	450.00	20	451.00	21	456.00	18	462.00	15	474.00	13	539.00	12
1911	460.00	25	460.00	25	460.00	25	460.00	25	461.00	25	466.00	24	470.00	21	490.00	17	540.00	13
1912	500.00	30	500.00	30	500.00	30	500.00	30	501.00	29	521.00	30	550.00	30	603.00	30	916.00	31
1913	350.00	4	350.00	4	350.00	4	350.00	3	410.00	13	437.00	15	439.00	11	451.00	8	593.00	20
1914	431.00	20	431.00	20	431.00	19	450.00	21	452.00	22	464.00	22	483.00	23	541.00	26	659.00	25
1915	480.00	26	480.00	26	480.00	26	480.00	26	481.00	26	486.00	26	497.00	26	579.00	29	749.00	28
1916	390.00	11	390.00	10	390.00	10	390.00	10	390.00	9	395.00	7	413.00	8	446.00	4	502.00	8
1917	420.00	17	420.00	15	420.00	15	420.00	14	420.00	14	455.00	17	487.00	25	502.00	20	654.00	24
1918	420.00	18	420.00	16	420.00	16	420.00	15	420.00	15	435.00	13	468.00	19	495.00	19	548.00	14
1919	340.00	3	340.00	3	340.00	3	340.00	2	340.00	1	370.00	2	403.00	6	468.00	10	554.00	16
1920	450.00	24	450.00	23	450.00	23	450.00	22	450.00	19	474.00	25	483.00	24	525.00	24	590.00	19
1921	500.00	27	500.00	27	500.00	27	500.00	27	502.00	30	516.00	29	524.00	29	558.00	28	641.00	23
1922	500.00	28	500.00	28	500.00	28	500.00	28	500.00	27	500.00	27	505.00	27	545.00	27	622.00	22
1923	390.00	12	390.00	11	390.00	11	390.00	11	390.00	10	409.00	10	416.00	9	447.00	5	473.00	4
1924	500.00	29	500.00	29	500.00	29	500.00	29	500.00	28	500.00	28	506.00	28	531.00	25	671.00	27
1925	439.00	21	450.00	24	450.00	24	450.00	23	450.00	20	460.00	19	469.00	20	512.00	23	527.00	11
1926	360.00	5	360.00	5	360.00	5	360.00	6	360.00	2	376.00	5	400.00	5	450.00	7	559.00	18
1927	440.00	22	440.00	21	440.00	20	440.00	19	440.00	17	464.00	23	476.00	22	507.00	22	548.00	15
1928	580.00	31	580.00	31	580.00	31	580.00	31	581.00	31	601.00	31	634.00	31	711.00	31	853.00	30
1929	380.00	10	380.00	9	380.00	9	380.00	9	380.00	8	399.00	9	406.00	7	484.00	16	562.00	17
1930	400.00	15	400.00	13	400.00	12	400.00	12	400.00	11	426.00	11	467.00	17	495.00	18	768.00	29

09127998 GUNNISON RIVER ABOVE GUNNISON TUNNEL, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CDTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
GUNNISON RIVER ABOVE GUNNISON TUNNEL, CO.

YEAR	1	3	7	14	30	60	90	120	183
1931	430.00 19	430.00 18	430.00 17	430.00 16	430.00 16	436.00 14	452.00 14	470.00 11	526.00 10
1932	302.00 1	307.00 1	311.00 1	327.00 1	368.00 4	395.00 8	423.00 10	447.00 6	471.00 3
1933	370.00 8	370.00 8	370.00 8	370.00 8	371.00 6	375.00 3	396.00 4	453.00 9	481.00 5
1934	394.00 13	404.00 14	410.00 13	410.00 13	410.00 12	430.00 12	446.00 12	475.00 14	505.00 9
1935	315.00 2	329.00 2	340.00 2	359.00 4	371.00 7	376.00 4	391.00 3	405.00 2	398.00 1
1936	361.00 7	361.00 7	361.00 7	361.00 7	370.00 5	380.00 6	386.00 2	424.00 3	492.00 6
1937	360.00 6	360.00 6	360.00 6	360.00 5	360.00 3	360.00 1	376.00 1	398.00 1	467.00 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)											
843	665	485	439	455	721	1997	5406	6835	2719	1446	934
135400	19250	4344	3661	2706	52970	579100	3601000	6837000	1826000	281600	220200
368	139	65.9	60.5	52.0	230	761	1898	2615	1351	531	469
1.76	1.12	1.11	0.85	0.28	2.97	0.79	-0.27	-0.24	0.80	0.45	2.29
0.44	0.21	0.14	0.14	0.11	0.32	0.38	0.35	0.38	0.50	0.37	0.50
3.67	2.90	2.11	1.91	1.98	3.14	8.70	23.6	29.8	11.8	6.30	4.07

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)											
2.89	2.81	2.68	2.64	2.65	2.84	3.27	3.70	3.79	3.38	3.13	2.93
0.03	0.01	0.00	0.00	0.00	0.01	0.03	0.03	0.05	0.06	0.03	0.03
0.17	0.09	0.06	0.06	0.05	0.11	0.17	0.19	0.23	0.24	0.17	0.19
0.62	0.63	0.43	0.41	0.00	1.58	-0.10	-1.17	-1.93	-0.78	-0.49	0.46
0.06	0.03	0.02	0.02	0.02	0.04	0.05	0.05	0.06	0.07	0.05	0.06
7.88	7.66	7.30	7.19	7.23	7.74	8.91	10.1	10.3	9.20	8.52	7.98

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1915	240200	490	-0.57	0.26	0.203

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
3.27	0.02	0.13	-1.49	0.04	0.197

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
GUNNISON RIVER ABOVE GUNNISON TUNNEL, 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																																					
1938									31	39	42	40	35	7	7	17	17	14	18	4	5	6	9	4	4	10	8	10	14	9	6	9					
1939									37	7	33	39	15	8	29	16	36	27	16	20	16	7	4	8	9	18	10	10									
1940					1	48	31	31	11	17	22	27	25	18	53	13	4	7	5	16	7	9	11	3													
1941									94	13	56	14	1	12	17	26	14	12	12	8	9	4	10	9	7	5	13	13	11	3	2						
1942										59	31	35	21	17	16	23	32	19	6	9	10	13	12	12	8	6	4	7	15	8	2						
1943									22	56	44	49	7	1	13	9	19	28	18	8	12	10	8	10	13	21	13	4									
1944									17	41	44	26	7	37	28	17	9	35	18	10	4	5	3	1	5	3	9	10	14	14	7	2					
1945									6	27	70	35	38	13	9	10	18	11	9	14	14	7	10	8	12	17	19	16	2								
1946									6	67	22	24	46	21	9	38	22	18	14	7	19	8	13	13	2	2	3	7	4								
1947									3	76	32	21	21	20	6	4	21	9	23	28	12	4	6	3	4	7	14	24	13	9	5						
1948									2	1	9	64	39	22	26	20	36	27	21	9	2	3	5	11	9	9	9	7	5	3	16	6	5				
1949									1	5	17	39	42	35	43	12	7	4	17	21	16	4	2	6	11	3	12	18	18	13	3	5	5	5	1		
1950									2	22	62	28	11	34	28	6	30	28	15	9	12	10	9	14	14	11	10	10									
1951									3	19	74	43	28	5	6	13	39	17	26	19	7	8	8	5	13	11	7	3	9	2							
1952									1	5	38	98	31	4	6	4	2	17	13	26	16	7	4	6	3	7	12	12	11	9	11	8	7	7			
1953									3	23	41	43	33	11	15	53	22	31	21	14	9	5	5	3	2	7	3	7	10	2	2						
1954									20	51	28	45	36	28	3	90	22	15	12	5	5	3	2														
1955									2	2	7	45	42	27	30	21	13	9	5	32	19	23	20	18	12	13	14	4	5	2							
1956									2	14	36	50	40	22	17	6	23	57	11	4	14	8	6	6	12	4	4	13	10	6	1						
1957									2	32	52	26	39	15	11	11	9	10	6	5	8	11	7	9	8	6	16	9	8	11	10	5	3	15	9	9	3
1958										7	65	4	52	38	12	56	52	31	33	4	4	2	3	10	4	5	6	10	1	7	9	5	9	8			
1959										9	16	28	40	10	27	19	32	26	33	19	13	14	7	9	15	12	11	10	9	6	1						
1961										13	58	17	40	19	30	11	31	26	34	9	6	4	5	8	10	6	7	3									
1962										3	18	56	26	15	25	28	21	14	29	18	8	9	2	4	4	13	14	16	14	16	6	3	3				
1963										2	6	8	27	26	42	40	31	14	3	18	32	39	24	15	11	11	5										
1964										5	51	62	14	9	18	27	16	4	10	18	36	27	13	6	2	9	5	7	10	5	4	6	2				
1965										1	2	1	10	41	60	35	15	9	6	3	1	9	20	21	14	5	4	6	20	15	18	7	22	10	6	4	

09127998 GUNNISON RIVER ABOVE GUNNISON TUNNEL, COLO.--Continued

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
GUNNISON RIVER ABOVE GUNNISON TUNNEL, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	10227	100.0	12	580.0	634	6294	61.5	24	3600	235	1323	12.9
1	109.00	1	10227	100.0	13	670.0	439	5660	55.3	25	4200	244	1088	10.6
2	130.00	0	10226	100.0	14	790.0	386	5221	51.1	26	4900	247	844	8.2
3	150.00	0	10226	100.0	15	910.0	797	4835	47.3	27	5700	168	597	5.8
4	170.00	3	10226	100.0	16	1100.0	530	4038	39.5	28	6600	155	429	4.1
5	200.00	5	10223	100.0	17	1200.0	586	3508	34.3	29	7700	99	274	2.6
6	230.00	74	10218	99.9	18	1400.0	476	2922	28.6	30	8900	71	175	1.7
7	270.00	260	10144	99.2	19	1700.0	299	2446	23.9	31	10000	62	104	1.0
8	320.00	712	9884	96.6	20	2000.0	211	2147	21.0	32	12000	30	42	.4
9	370.00	973	9172	89.7	21	2300.0	180	1936	18.9	33	14000	9	12	.1
10	430.00	1046	8199	80.2	22	2600.0	238	1756	17.2	34	16000	3	3	
11	500.00	859	7153	69.9	23	3100.0	195	1518	14.8					

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

YEAR	1	3	7	15	30	60	90	120	183
1938	11600.0 6	11500.0 6	10800.0 6	10000.0 5	9070.0 5	7090.0 7	6090.0 5	4960.0 5	3600.0 6
1939	9400.0 22	5250.0 22	5080.0 21	4650.0 22	4430.0 21	3840.0 20	3140.0 21	2700.0 20	2160.0 18
1940	4310.0 26	4210.0 26	3950.0 26	3520.0 26	3460.0 25	2760.0 25	2240.0 26	1940.0 26	1560.0 26
1941	9940.0 11	9310.0 12	8290.0 11	6950.0 12	6320.0 12	5710.0 12	4640.0 12	3840.0 12	2850.0 13
1942	10300.0 10	9960.0 10	9730.0 9	8950.0 8	8590.0 6	6570.0 9	5470.0 10	4620.0 9	3410.0 9
1943	7190.0 16	6600.0 17	6210.0 17	5770.0 16	5400.0 15	4770.0 13	4420.0 13	3750.0 13	2960.0 12
1944	10900.0 7	10300.0 9	8720.0 10	8080.0 9	7910.0 9	7180.0 5	5560.0 9	4510.0 10	3330.0 10
1945	5960.0 20	5700.0 20	5240.0 20	5150.0 20	4660.0 19	4500.0 14	3830.0 14	3330.0 14	2520.0 14
1946	7200.0 15	7070.0 15	6750.0 15	6140.0 15	4510.0 20	3580.0 22	3050.0 22	2600.0 22	2060.0 22
1947	8840.0 13	8510.0 13	7470.0 14	6980.0 11	6300.0 13	5720.0 11	4970.0 11	4140.0 11	3130.0 11
1948	13100.0 4	12800.0 4	12000.0 4	10600.0 4	10000.0 3	7660.0 4	6260.0 4	5090.0 4	3740.0 4
1949	12500.0 5	11900.0 5	11000.0 5	9900.0 6	8140.0 8	6580.0 8	5690.0 8	4760.0 8	3490.0 8
1950	5510.0 21	5270.0 21	5010.0 22	4760.0 21	4410.0 22	3630.0 21	3230.0 18	2740.0 19	2150.0 20
1951	6850.0 18	6670.0 16	6030.0 18	5170.0 19	4880.0 17	3990.0 17	3200.0 20	2750.0 18	2160.0 19
1952	13700.0 2	13600.0 2	13100.0 2	11800.0 2	9540.0 4	8390.0 2	7040.0 2	5800.0 2	4250.0 3
1953	9810.0 12	9370.0 11	8130.0 12	6930.0 13	6410.0 11	4420.0 15	3470.0 15	2940.0 16	2280.0 16
1954	2700.0 28	2640.0 28	2440.0 28	2120.0 28	1730.0 28	1410.0 28	1320.0 28	1260.0 28	1110.0 28
1955	4860.0 25	4490.0 25	4150.0 25	3560.0 25	2990.0 26	2630.0 26	2250.0 25	2020.0 25	1650.0 24
1956	6880.0 17	6580.0 18	6280.0 16	5630.0 17	5080.0 16	3990.0 18	3210.0 19	2660.0 21	2070.0 21
1957	16700.0 1	16400.0 1	15500.0 1	13800.0 1	12900.0 1	10600.0 1	8730.0 1	7300.0 1	5270.0 1
1958	13100.0 3	12900.0 3	12500.0 3	11500.0 3	10300.0 2	7810.0 3	6050.0 6	4840.0 7	3520.0 7
1959	5210.0 23	5180.0 23	4890.0 24	4520.0 23	3700.0 24	2880.0 24	2330.0 24	2040.0 24	1680.0 23
1960	6620.0 19	6360.0 19	5910.0 19	5330.0 18	4810.0 18	3840.0 19	3460.0 16	2980.0 15	2340.0 15
1961	5060.0 24	5010.0 24	4910.0 23	4380.0 24	3880.0 23	2920.0 23	2340.0 23	2050.0 23	1640.0 25
1962	10700.0 8	10400.0 8	9740.0 8	8000.0 10	6940.0 10	6240.0 10	5820.0 7	4860.0 6	3600.0 5
1963	3380.0 27	3340.0 27	3200.0 27	2880.0 27	2710.0 27	2220.0 27	1960.0 27	1780.0 27	1520.0 27
1964	8190.0 14	7950.0 14	7610.0 13	6550.0 14	5520.0 14	4170.0 16	3290.0 17	2820.0 17	2200.0 17
1965	10600.0 9	10400.0 8	10000.0 7	9340.0 7	8300.0 7	7160.0 6	6370.0 3	5600.0 3	4260.0 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
GUNNISON RIVER ABOVE GUNNISON TUNNEL, CO.

YEAR	1	3	7	14	30	60	90	120	183
1939	280.00 12	280.00 11	291.00 7	296.00 5	298.00 4	334.00 6	366.00 8	397.00 10	520.00 20
1940	178.00 3	250.00 5	250.00 2	250.00 1	250.00 1	265.00 1	286.00 1	313.00 1	397.00 3
1941	320.00 18	320.00 16	320.00 13	320.00 9	320.00 7	325.00 5	336.00 5	370.00 6	407.00 4
1942	440.00 26	440.00 26	440.00 25	440.00 25	443.00 25	463.00 24	499.00 25	525.00 25	690.00 26
1943	340.00 22	350.00 23	350.00 19	350.00 14	364.00 15	380.00 15	396.00 14	416.00 14	459.00 11
1944	340.00 23	347.00 21	349.00 16	352.00 15	367.00 16	384.00 17	409.00 19	435.00 19	537.00 21
1945	285.00 13	289.00 12	299.00 9	323.00 11	347.00 11	375.00 12	380.00 11	388.00 8	438.00 8
1946	340.00 24	350.00 22	366.00 21	374.00 19	381.00 18	390.00 19	408.00 18	445.00 22	514.00 19
1947	310.00 16	317.00 15	323.00 14	328.00 12	337.00 10	340.00 8	348.00 7	367.00 5	436.00 7
1948	350.00 25	363.00 24	441.00 26	494.00 26	513.00 26	534.00 26	550.00 26	563.00 26	682.00 25
1949	250.00 8	263.00 8	289.00 6	329.00 13	357.00 12	371.00 11	395.00 13	422.00 15	483.00 15
1950	288.00 14	303.00 13	349.00 17	361.00 17	374.00 17	381.00 16	394.00 12	408.00 13	499.00 17
1951	277.00 10	322.00 17	349.00 18	374.00 20	383.00 19	387.00 18	400.00 16	407.00 12	443.00 9
1952	109.00 1	226.00 3	373.00 22	379.00 21	396.00 21	416.00 21	426.00 21	432.00 17	468.00 12
1953	330.00 19	345.00 20	385.00 23	406.00 24	425.00 23	448.00 23	466.00 23	481.00 23	609.00 23
1954	330.00 20	333.00 18	343.00 15	353.00 16	361.00 13	377.00 13	408.00 17	428.00 16	501.00 18
1955	170.00 2	207.00 1	249.00 1	270.00 2	279.00 2	295.00 2	309.00 3	325.00 3	389.00 1
1956	247.00 7	273.00 9	299.00 10	321.00 10	329.00 9	350.00 9	368.00 9	393.00 9	430.00 6
1957	240.00 6	260.00 6	281.00 5	295.00 4	308.00 6	316.00 4	326.00 4	350.00 4	415.00 5
1958	460.00 27	473.00 27	494.00 27	506.00 27	518.00 27	535.00 27	558.00 27	639.00 27	742.00 27
1959	320.00 17	340.00 19	351.00 20	379.00 22	403.00 22	412.00 20	415.00 20	434.00 18	478.00 13
1960	280.00 11	280.00 10	297.00 8	316.00 7	363.00 14	380.00 14	399.00 15	442.00 21	560.00 22
1961	300.00 15	307.00 14	310.00 12	319.00 8	327.00 8	336.00 7	346.00 6	375.00 7	458.00 10
1962	340.00 21	370.00 25	390.00 24	406.00 23	427.00 24	474.00 25	477.00 24	489.00 24	613.00 24
1963	200.00 4	220.00 2	251.00 3	300.00 6	305.00 5	350.00 10	375.00 10	406.00 11	483.00 14
1964	260.00 9	263.00 7	273.00 4	282.00 3	286.00 3	300.00 3	307.00 2	317.00 2	396.00 2
1965	220.00 5	237.00 4	309.00 11	365.00 18	394.00 20	417.00 22	433.00 22	437.00 20	489.00 16

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

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
GUNNISON RIVER BELDW GUNNISON TUNNEL, 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																																					
1936	2								5		1			1			1	2	3	3	2	15	33	119	69	11	13	5	8	12	17	19	24	1				
1937				27				1				3	5	5	9	2	4	5	5	11	18	14	101	60	11	4	3	24	18	13	11	11						
1938				3									2	2	1		5	1	1	7	27	12	108	67	18	10	16	11	6	13	20	24	11					
1939								1					2	1	1	2	4	6	15	18	19	49	91	37	27	9	20	11	31	21								
1940								3	1	3	8	1	11	18	10	8	15	26	7	12	9	83	57	21	9	13	17	13	17	4								
1941																		7	9	8	9	49	114	54	22	9	8	12	10	18	20	15	1					
1942														1		1	1	6	7	8	8	47	102	32	22	18	15	30	14	12	26	4						
1943											5	1		3	5	5	3	1	1	12	12	16	111	50	17	11	29	16	17	24	24	2						
1944										8	2		1		1		2	4	9	4	24	49	110	38	18	18	10	2	6	7	21	30	2					
1945										9	4		1	3	3	2	12	7	4	30	5	22	126	23	8	15	17	11	24	30	9							
1946															2	8	10	18	8	16	20	20	106	72	9	18	15	17	9	6	11							
1947															2	1	6	7	17	22	43	120	27	21	11	9	5	13	27	7								
1948														1		8	2	3	16	21	3	23	119	59	11	14	6	19	14	15	20	12						
1949												4	2	1		1	5	6	4	21	32	17	91	57	9	9	9	14	17	33	14	11	8					
1950	5											5	2	1	2	5	3	9	11	15	20	15	123	32	33	10	16	21	21	15	1							
1951		18						1	2																													
1952										4	2	2	1			4	4	8	18	15	13	10	23	111	47	12	7	14	12	16	10	11						
1953										2	2	1			3	4	7	2	4	8	23	7	102	55	30	11	12	7	7	23	17	24	12	3				
1954																1	3	9	3	13	25	63	78	86	23	14	7	5	5	9	15	5	1					
1955									1		6		1	3	11	14	30	23	29	34	13	27	107	45	7	8	4	2										
1956																1	5	6	4	9	20	19	29	100	69	23	15	19	21	15	7	3						
1957											1	1	6	7	9	14	16	23	14	7	14	31	96	30	23	14	12	12	8	21	7							
1958																15	7	2	1	5	4	3	4	47	97	30	7	10	16	13	17	22	12	21	15			
1959																																						
1960																																						
1961																																						
1962																																						
1963																																						
1964																																						
1965																																						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	9	20089	100.0	12	12.0	68	19835	98.7	24	640	1778	7795	38.8
1	0.20	18	20080	100.0	13	16.0	226	19767	98.4	25	890	1017	6017	29.9
2	0.40	0	20062	99.9	14	23.0	218	19541	97.3	26	1200	891	5000	24.8
3	0.60	0	20062	99.9	15	32.0	161	19323	96.2	27	1700	737	4109	20.4
4	0.80	30	20062	99.9	16	44.0	322	19162	95.4	28	2400	818	3372	16.7
5	1.10	3	20032	99.7	17	62.0	348	18840	93.8	29	3400	841	2554	12.7
6	1.60	5	20029	99.7	18	87.0	309	18492	92.1	30	4700	762	1713	8.5
7	2.20	7	20024	99.7	19	120.0	547	18183	90.5	31	6600	612	951	4.7
8	3.10	60	20017	99.6	20	170.0	731	17636	87.8	32	9200	274	339	1.6
9	4.30	49	19957	99.3	21	240.0	1289	16905	84.2	33	13000	63	65	.3
10	6.00	35	19908	99.1	22	330.0	4185	15616	77.7	34	18000	2	2	
11	8.40	38	19873	98.9	23	460.0	3636	11431	56.9					

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

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
GUNNISON RIVER BELDW GUNNISON TUNNEL, CO.

YEAR	1	3	7	15	30	60	90	120	183
1911	11200.0 15	11100.0 15	10700.0 15	10100.0 11	9080.0 11	7830.0 8	6700.0 4	5590.0 4	4060.0 4
1912	12700.0 9	12500.0 9	11900.0 9	11500.0 5	10300.0 5	8250.0 4	6880.0 3	5890.0 2	4230.0 2
1913	6640.0 39	6210.0 40	6100.0 38	5500.0 38	5000.0 37	4560.0 32	3850.0 30	3140.0 30	2290.0 30
1914	12600.0 10	12000.0 11	11100.0 12	10700.0 10	9550.0 7	8110.0 6	6590.0 5	5530.0 5	4020.0 5
1915	7000.0 38	6370.0 38	6210.0 37	5890.0 36	5080.0 36	4070.0 37	3320.0 36	2810.0 35	2070.0 34
1916	10800.0 19	10600.0 17	10200.0 17	9570.0 14	8290.0 15	7080.0 12	5820.0 11	4950.0 10	3600.0 9
1917	15600.0 3	15500.0 3	15100.0 3	14100.0 2	11700.0 3	8240.0 5	6300.0 8	5180.0 7	3640.0 8
1918	15000.0 4	14600.0 6	13500.0 6	11500.0 6	8610.0 14	6530.0 17	4880.0 22	3900.0 21	2760.0 21
1919	8520.0 32	8260.0 32	7460.0 33	6910.0 30	5120.0 35	4200.0 34	3500.0 34	2880.0 33	2110.0 33
1920	15000.0 5	14700.0 4	14400.0 4	13700.0 3	12700.0 1	9750.0 2	7410.0 2	5830.0 3	4090.0 3
1921	18600.0 1	18200.0 1	17300.0 1	14300.0 1	11500.0 4	8310.0 3	6590.0 6	5260.0 6	3750.0 7
1922	9940.0 23	9870.0 22	9330.0 21	8340.0 23	7790.0 18	6290.0 20	4800.0 23	3780.0 23	2680.0 22
1923	9800.0 26	9530.0 26	8750.0 26	8480.0 21	8080.0 17	6880.0 14	5520.0 15	4510.0 13	3250.0 13
1924	11000.0 17	10600.0 18	9420.0 19	8760.0 19	7160.0 24	5990.0 23	4730.0 24	3780.0 24	2670.0 24
1925	6160.0 43	5790.0 42	5150.0 43	4810.0 42	3960.0 43	3630.0 39	3230.0 38	2730.0 36	2010.0 35
1926	9860.0 25	9580.0 24	9220.0 23	8400.0 22	7190.0 23	5080.0 28	4080.0 29	3260.0 28	2310.0 29
1927	10000.0 22	9730.0 23	9130.0 24	7890.0 25	6810.0 27	6330.0 19	5150.0 17	4170.0 18	3150.0 14
1928	14800.0 6	14600.0 5	13700.0 5	11200.0 8	9220.0 10	7930.0 7	6200.0 9	4890.0 12	3490.0 12
1929	12300.0 12	11300.0 14	10900.0 13	9880.0 12	9380.0 8	7660.0 10	5940.0 10	5030.0 9	3910.0 6
1930	7920.0 35	7660.0 34	7260.0 34	6400.0 34	5800.0 31	4140.0 35	3790.0 31	3080.0 31	2320.0 28
1931	2690.0 53	2450.0 53	2220.0 54	2030.0 53	1520.0 54	968.0 54	742.0 54	676.0 54	595.0 54
1932	8070.0 34	7530.0 35	7480.0 32	6820.0 31	5800.0 32	5530.0 25	4410.0 26	3620.0 26	2550.0 26
1933	10900.0 18	10300.0 19	9250.0 22	8050.0 24	7000.0 26	4680.0 31	3320.0 37	2620.0 38	1870.0 38
1934	2900.0 52	2750.0 52	2440.0 52	2110.0 52	1630.0 53	1130.0 53	853.0 53	757.0 53	648.0 53
1935	12100.0 13	12000.0 12	11300.0 11	9560.0 15	7280.0 22	4910.0 30	3600.0 33	2810.0 34	1980.0 36
1936	9760.0 27	8980.0 29	7980.0 29	7580.0 26	7050.0 25	6			

09128000 GUNNISON RIVER BELOW GUNNISON TUNNEL, 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
GUNNISON RIVER BELOW GUNNISON TUNNEL, CO.

YEAR	1	3	7	15	30	60	90	120	183
1941	9760.0 28	9100.0 28	8030.0 28	6580.0 32	5740.0 33	5270.0 27	4100.0 28	3230.0 29	2280.0 31
1942	9920.0 24	9550.0 25	9360.0 20	8550.0 20	8150.0 16	6110.0 21	5090.0 18	4190.0 17	2920.0 18
1943	7160.0 37	6510.0 37	5970.0 40	5220.0 40	4810.0 38	4070.0 36	3670.0 32	2970.0 32	2230.0 32
1944	10700.0 20	10100.0 20	8280.0 27	7480.0 27	7390.0 21	6670.0 15	4980.0 19	3890.0 22	2680.0 23
1945	5330.0 45	5150.0 45	4750.0 45	4540.0 44	3850.0 44	3790.0 38	3050.0 39	2560.0 39	1790.0 39
1946	6530.0 40	6330.0 39	6060.0 39	5410.0 39	3670.0 45	2710.0 46	2170.0 47	1740.0 47	1290.0 47
1947	8240.0 33	7930.0 33	7010.0 36	6540.0 33	5810.0 30	5030.0 29	4220.0 27	3340.0 27	2350.0 27
1948	12600.0 11	12300.0 10	11400.0 10	9820.0 13	9290.0 9	7060.0 13	5600.0 14	4440.0 14	3100.0 15
1949	12100.0 14	11700.0 13	10700.0 14	9470.0 17	7530.0 20	5820.0 24	4890.0 21	3990.0 19	2780.0 20
1950	5030.0 46	4450.0 46	4200.0 47	3850.0 46	3470.0 47	2700.0 47	2310.0 45	1870.0 45	1360.0 44
1951	6240.0 41	5780.0 43	5170.0 42	4330.0 45	4010.0 42	3090.0 43	2280.0 46	1820.0 46	1340.0 46
1952	13500.0 7	13300.0 7	12700.0 7	11400.0 7	8940.0 12	7760.0 9	6380.0 7	5090.0 8	3530.0 11
1953	9210.0 30	8810.0 30	7480.0 31	6120.0 35	5570.0 34	3530.0 40	2570.0 42	2050.0 42	1500.0 41
1954	1740.0 55	1680.0 55	1480.0 55	1160.0 55	765.0 55	469.0 55	435.0 55	438.0 55	415.0 55
1955	3960.0 50	3600.0 51	3360.0 51	2770.0 51	2130.0 51	1740.0 51	1410.0 51	1140.0 50	854.0 51
1956	6220.0 42	5920.0 41	5580.0 41	4810.0 41	4240.0 40	3110.0 42	2370.0 44	1890.0 44	1360.0 45
1957	16300.0 2	16000.0 2	15100.0 2	13400.0 4	12400.0 2	10200.0 1	8210.0 1	6700.0 1	4700.0 1
1958	12700.0 8	12500.0 8	12100.0 8	11100.0 9	9760.0 6	7220.0 11	5410.0 16	4210.0 16	2950.0 17
1959	4840.0 47	4230.0 48	4000.0 48	3660.0 48	2790.0 50	1960.0 50	1420.0 50	1140.0 51	891.0 50
1960	5820.0 44	5580.0 44	5130.0 44	4570.0 43	4050.0 41	3000.0 45	2760.0 40	2330.0 40	1690.0 40
1961	4150.0 49	4100.0 49	4000.0 49	3480.0 49	3020.0 48	2050.0 48	1510.0 49	1250.0 48	940.0 48
1962	9700.0 29	9420.0 27	8770.0 25	7030.0 29	6050.0 28	5320.0 26	4920.0 20	3980.0 20	2790.0 19
1963	2420.0 54	2370.0 54	2230.0 54	1920.0 54	1750.0 52	1260.0 52	1180.0 52	1000.0 52	781.0 52
1964	7600.0 36	7370.0 36	7020.0 35	5840.0 37	4750.0 39	3320.0 41	2400.0 43	1920.0 43	1390.0 43
1965	10100.0 21	9950.0 21	9560.0 18	8860.0 18	7680.0 19	6420.0 18	5640.0 12	4910.0 11	3580.0 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
GUNNISON RIVER BELOW GUNNISON TUNNEL, CO.

YEAR	1	3	7	14	30	60	90	120	183
1912	500.00 54	500.00 54	500.00 54	500.00 53	501.00 53	521.00 53	550.00 52	603.00 52	910.00 54
1913	276.00 50	276.00 48	317.00 48	350.00 47	410.00 48	437.00 48	439.00 43	451.00 42	585.00 45
1914	356.00 51	392.00 51	423.00 52	450.00 50	452.00 50	464.00 50	483.00 45	541.00 50	617.00 49
1915	237.00 47	298.00 50	480.00 53	480.00 51	481.00 51	486.00 51	497.00 47	579.00 51	693.00 51
1916	0.00 1	8.00 14	38.00 26	98.00 35	163.00 35	254.00 36	321.00 35	367.00 35	383.00 34
1917	420.00 53	420.00 53	420.00 51	420.00 49	420.00 49	455.00 49	487.00 46	502.00 45	625.00 50
1918	10.00 21	23.00 25	73.00 36	164.00 40	224.00 40	308.00 38	404.00 41	425.00 39	440.00 38
1919	80.00 40	80.00 40	120.00 42	340.00 46	340.00 45	370.00 42	403.00 40	468.00 43	492.00 42
1920	50.00 37	50.00 34	90.00 37	113.00 36	140.00 33	189.00 31	283.00 32	363.00 34	402.00 35
1921	93.00 42	93.00 42	106.00 40	129.00 38	181.00 38	370.00 43	500.00 49	534.00 48	529.00 43
1922	155.00 46	165.00 45	178.00 45	214.00 44	224.00 39	309.00 39	414.00 42	436.00 40	471.00 40
1923	25.00 30	25.00 28	25.00 21	25.00 16	25.00 10	27.00 3	104.00 9	201.00 17	273.00 17
1924	240.00 48	283.00 49	383.00 49	500.00 52	500.00 52	500.00 52	506.00 50	531.00 47	594.00 47
1925	10.00 22	12.00 20	18.00 18	20.00 12	31.00 13	32.00 4	88.00 7	186.00 14	292.00 20
1926	152.00 45	182.00 46	249.00 46	330.00 45	360.00 46	376.00 44	400.00 39	450.00 41	490.00 41
1927	60.00 38	61.00 37	62.00 34	65.00 29	80.00 25	140.00 24	242.00 27	307.00 28	368.00 31
1928	245.00 49	250.00 47	314.00 47	510.00 54	581.00 54	601.00 54	634.00 54	701.00 54	814.00 53
1929	17.00 25	17.00 23	17.00 14	17.00 8	17.00 5	75.00 14	214.00 26	290.00 26	328.00 25
1930	400.00 52	400.00 52	400.00 50	400.00 48	400.00 47	426.00 46	467.00 44	495.00 44	729.00 52
1931	20.00 28	24.00 27	30.00 22	35.00 20	79.00 24	179.00 28	254.00 30	323.00 29	365.00 30
1932	5.00 14	5.00 11	5.00 7	10.00 5	29.00 12	39.00 8	48.00 2	92.00 2	233.00 9
1933	4.00 11	4.00 7	4.00 4	4.00 3	4.00 1	37.00 7	147.00 18	216.00 19	273.00 18
1934	1.50 6	1.50 4	7.10 8	18.00 11	32.00 14	79.00 15	108.00 9	141.00 8	232.00 8
1935	15.00 23	15.00 21	17.00 15	17.00 9	17.00 6	21.00 2	27.00 1	32.00 1	68.00 1
1936	4.00 12	4.00 8	4.00 5	42.00 22	169.00 36	245.00 34	291.00 33	335.00 31	352.00 29
1937	0.00 2	1.30 3	2.90 3	39.00 21	97.00 28	180.00 29	248.00 28	284.00 25	316.00 24
1938	1.00 5	1.00 2	1.00 2	1.00 2	8.40 2	19.00 1	50.00 3	123.00 5	235.00 10
1939	27.00 33	62.00 38	117.00 41	177.00 43	279.00 44	334.00 41	366.00 38	397.00 38	427.00 37
1940	3.00 8	11.00 18	56.00 31	74.00 32	103.00 29	168.00 26	191.00 24	192.00 16	267.00 15
1941	3.00 9	3.00 5	7.30 9	13.00 7	16.00 3	43.00 9	50.00 4	110.00 4	215.00 5
1942	65.00 39	78.00 39	101.00 38	119.00 37	129.00 31	330.00 40	499.00 48	525.00 46	587.00 46
1943	8.00 19	8.00 15	10.00 11	18.00 10	40.00 16	86.00 17	163.00 19	243.00 22	293.00 21
1944	82.00 41	88.00 41	101.00 39	145.00 39	176.00 37	234.00 33	338.00 36	356.00 33	373.00 32
1945	5.00 15	5.00 9	5.00 6	8.40 4	19.00 8	84.00 16	141.00 17	213.00 18	270.00 16
1946	5.50 16	6.50 12	14.00 13	56.00 26	66.00 21	156.00 25	252.00 29	300.00 27	334.00 26
1947	23.00 29	40.00 32	41.00 28	47.00 24	67.00 22	98.00 19	130.00 14	159.00 10	227.00 6
1948	45.00 34	49.00 33	65.00 35	88.00 34	247.00 43	419.00 45	516.00 51	538.00 49	542.00 44
1949	10.00 20	10.00 16	12.00 12	32.00 17	87.00 27	130.00 23	164.00 20	240.00 20	292.00 19
1950	0.00 3	6.70 13	57.00 32	73.00 31	130.00 32	205.00 32	291.00 34	368.00 36	375.00 33

09128000 GUNNISON RIVER BELOW GUNNISON TUNNEL, 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
GUNNISON RIVER BELOW GUNNISON TUNNEL, CO.

YEAR	1	3	7	14	30	60	90	120	183
1951	0.00 4	0.30 1	0.30 1	0.49 1	17.00 7	34.00 6	63.00 5	99.00 3	202.00 3
1952	4.40 13	5.00 10	18.00 16	33.00 18	65.00 20	73.00 13	115.00 11	173.00 12	261.00 11
1953	119.00 44	131.00 43	148.00 43	171.00 42	226.00 41	294.00 37	343.00 37	387.00 37	412.00 36
1954	26.00 31	28.00 30	30.00 23	35.00 19	47.00 17	118.00 21	186.00 23	260.00 23	309.00 22
1955	4.00 10	11.00 19	39.00 27	60.00 27	68.00 23	88.00 18	132.00 15	124.00 6	167.00 2
1956	19.00 26	27.00 29	34.00 25	51.00 25	55.00 18	65.00 12	120.00 12	188.00 15	264.00 13
1957	7.50 17	10.00 17	20.00 19	23.00 14	25.00 9	33.00 5	80.00 6	126.00 7	208.00 4
1958	48.00 35	52.00 35	60.00 33	75.00 33	151.00 34	437.00 47	558.00 53	639.00 53	608.00 48
1959	1.80 7	4.00 6	9.90 10	12.00 6	16.00 4	53.00 10	113.00 10	168.00 11	265.00 14
1960	20.00 27	23.00 26	32.00 24	43.00 23	61.00 19	169.00 27	169.00 21	269.00 24	338.00 28
1961	8.00 18	17.00 24	22.00 20	23.00 15	38.00 15	103.00 20	136.00 16	179.00 13	261.00 12
1962	26.00 32	36.00 31	46.00 29	68.00 30	123.00 30	182.00 30	209.00 25	345.00 32	458.00 39
1963	109.00 43	138.00 44	158.00 44	165.00 41	236.00 42	248.00 35	265.00 31	323.00 30	335.00 27
1964	15.00 24	15.00 22	18.00 17	22.00 13	27.00 11	65.00 11	124.00 13	151.00 9	227.00 7
1965	50.00 36	52.00 36	55.00 30	60.00 28	81.00 26	122.00 22	173.00 22	241.00 21	314.00 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)											
403	532	463	414	425	576	1456	4267	5488	1704	614	338
160500	36200	9235	4689	4856	30400	770100	4380000	7890000	2486000	298000	187000
401	190	96.1	68.5	69.7	174	878	2093	2809	1577	546	432
1.99	0.37	1.74	0.66	-0.13	0.52	0.34	0.17	0.14	1.90	1.41	2.74
1.00	0.36	0.21	0.17	0.16	0.30	0.60	0.49	0.51	0.93	0.89	1.28
2.41	3.19	2.78	2.48	2.55	3.45	8.73	25.6	32.9	10.2	3.68	2.03

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)											
2.39	2.69	2.66	2.61	2.62	2.74	3.06	3.56	3.64	3.03	2.61	2.23
0.22	0.03	0.01	0.00	0.01	0.02	0.10	0.07	0.14	0.23	0.18	0.29
0.47	0.17	0.08	0.07	0.07	0.13	0.32	0.27	0.37	0.48	0.42	0.54
-0.38	-0.95	0.74	0.23	-0.68	-0.08	-0.55	-0.92	-2.32	-0.69	-0.48	-0.03
0.20	0.06	0.03	0.03	0.03	0.05	0.11	0.07	0.10	0.16	0.16	0.24
7.07	7.96	7.85	7.71	7.74	8.09	9.05	10.5	10.8	8.94	7.72	6.59

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1391	348800	591	0.03	0.42	0.295

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
3.09	0.05	0.22	-0.88	0.07	0.272

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
GUNNISON RIVER BELOW GUNNISON TUNNEL, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	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																		7	1	1	1	5	18	47	50	42	51	132	5	1						
1970																			1		1	2															
1971																										3	28	22	32	68	86	75	51				
1972																					1	1	23	51	89	22	14	35	51	70	9						
1973																					1	4	7	6	12	47	60	44	84	70	30						
1974																					12	1	5	21	79	41	22	24	7	30	32	89	2				
1975																								10	34	44	25	12	42	53	92	36	17				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2556	100.0	12	4.1	0	2555	100.0	24	340	192	2069	80.9
1	0.04	1	2556	100.0	13	5.9	0	2555	100.0	25	490	182	1877	73.4
2	0.07	0	2555	100.0	14	8.5	0	2555	100.0	26	700	263	1695	66.3
3	0.10	0	2555	100.0	15	12.0	0	2555	100.0	27	1000	490	1432	56.0
4	0.20	0	2555	100.0	16	18.0	3	2555	100.0	28	1500	579	942	36.8
5	0.30	0	2555	100.0	17	26.0	0	2552	99.8	29	2100	264	363	14.2
6	0.40	0	2555	100.0	18	37.0	20	2552	99.8	30	3100	84	99	3.8
7	0.60	0	2555	100.0	19	54.0	4	2532	99.1	31	4400	9	15	.5
8	0.90	0	2555	100.0	20	77.0	12	2528	98.9	32	6400	5	6	.2
9	1.40	0	2555	100.0	21	110.0	64	2516	98.4	33	9300	1	1	
10	2.00	0	2555	100.0	22	160.0	175	2452	95.9	34				
11	2.80	0	2555	100.0	23	230.0	208	2277	89.1					

GUNNISON RIVER BASIN

09128000 GUNNISON RIVER BELOW GUNNISON TUNNEL, 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
GUNNISON RIVER BELOW GUNNISON TUNNEL, CO.

YEAR	1	3	7	15	30	60	90	120	183
1969	3390.0 3	2550.0 6	2110.0 6	1880.0 6	1840.0 6	1840.0 6	1730.0 5	1600.0 5	1550.0 5
1970	9360.0 1	8640.0 1	6130.0 1	4950.0 1	4050.0 1	3420.0 1	2720.0 3	2440.0 3	2160.0 2
1971	4370.0 2	4270.0 2	3870.0 2	3570.0 2	3390.0 2	3240.0 2	3040.0 1	2890.0 1	2570.0 1
1972	2610.0 7	2270.0 7	1970.0 7	1860.0 7	1760.0 7	1670.0 7	1610.0 7	1560.0 6	1330.0 6
1973	2830.0 6	2720.0 5	2600.0 5	2500.0 5	2250.0 5	1980.0 5	1690.0 6	1470.0 7	1170.0 7
1974	3290.0 4	3040.0 4	2950.0 4	2910.0 4	2910.0 4	2850.0 3	2760.0 2	2470.0 2	1910.0 3
1975	3290.0 5	3230.0 3	3190.0 3	3170.0 3	3120.0 3	2700.0 4	2170.0 4	1980.0 4	1780.0 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
GUNNISON RIVER BELOW GUNNISON TUNNEL, CO.

YEAR	1	3	7	14	30	60	90	120	183
1970	39.00 2	152.00 4	302.00 4	368.00 4	386.00 4	488.00 3	592.00 3	625.00 3	764.00 3
1971	741.00 6	774.00 6	794.00 6	825.00 6	872.00 6	969.00 6	1070.00 6	1210.00 6	1530.00 6
1972	66.00 4	297.00 5	367.00 5	404.00 5	570.00 5	715.00 5	797.00 5	895.00 5	914.00 4
1973	59.00 3	99.00 2	113.00 2	145.00 2	156.00 1	182.00 1	207.00 2	219.00 2	246.00 1
1974	37.00 1	42.00 1	44.00 1	56.00 1	376.00 3	489.00 4	697.00 4	818.00 4	971.00 5
1975	80.00 5	107.00 3	118.00 3	150.00 3	164.00 2	188.00 2	191.00 1	209.00 1	277.00 2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
723	1379	1755	1935	1746	1705	1151	1263	1326	732	690	642
208000	114500	95580	252500	871400	788900	664400	1052000	1645000	373400	234300	141100
456	338	309	502	934	888	815	1025	1282	611	484	376
0.74	-0.70	-0.39	0.96	0.75	0.77	0.64	1.11	1.70	1.39	0.19	0.25
0.63	0.25	0.18	0.26	0.53	0.52	0.71	0.81	0.97	0.83	0.70	0.59
4.80	9.16	11.7	12.9	11.6	11.3	7.65	8.39	8.81	4.87	4.59	4.26

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
2.78	3.13	3.24	3.28	3.19	3.18	2.95	2.97	2.96	2.73	2.72	2.73
0.09	0.02	0.01	0.01	0.05	0.06	0.13	0.14	0.17	0.15	0.14	0.08
0.29	0.12	0.08	0.11	0.23	0.24	0.35	0.37	0.41	0.38	0.37	0.29
-0.01	-1.56	-0.59	0.79	0.11	-0.18	-0.21	-0.02	0.29	-0.09	-0.23	-0.29
0.10	0.04	0.02	0.03	0.07	0.07	0.12	0.13	0.14	0.14	0.14	0.11
7.75	8.72	9.03	9.14	8.90	8.87	8.23	8.29	8.26	7.61	7.58	7.62

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1252	126000	355	0.66	0.28	0.029

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
3.08	0.01	0.12	0.17	0.04	-0.030

GUNNISON RIVER BASIN

09128500 SMITH FORK NEAR CRAWFORD, COLO.

LOCATION.--Lat 38°43'40", long 107°30'22", in SW¼SE¼ sec.24, T.15 S., R.91 W., Delta County, on left bank 20 ft (6 m) upstream from Forest Service bridge, 0.4 mi (0.6 km) upstream from Second Creek, 6 mi (10 m) northeast of Crawford, and 6.5 mi (10.5 km) upstream from Iron Creek.

DRAINAGE AREA.--42.8 mi² (110.9 km²).

REMARKS.--Diversions for irrigation of a few small hay meadows above station. Saddle Mountain ditch diverts water above station for irrigation of about 800 acres (3.24 km²) below. One small ditch diverts water from Virginia Creek to Iron Creek drainage. Head and Ferrier ditch imports water from Curecanti Creek drainage.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SMITH FORK NEAR CRAWFORD, 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																																			
1937									7	22	23	5	119	61	13	20	12	14	7	12	5	7	3	11	4	4	7	9								
1938					94	39	7	21	36	26	13	11	11	8	5	7	5	2	3	2	32	3	13	6	10	7	4									
1939				6	42	67	84	23	21	13	8	4	5	8	4	15	9	13	10	5	9	6	5	7	1											
1942			2	1	19	14	55	63	36	23	10	19	19	6	7	4	6	2	3	7	11	12	14	15	8	9										
1943			1	30	75	35	14	27	9	33	21	7	4	6	12	9	4	14	13	4	17	10	9	6	5											
1946			5	61	55	14	52	26	26	21	5	13	7	6	3	8	12	12	7	13	11	3	5													
1947			5	18	23	26	34	35	17	28	28	33	17	4	6	5	6	5	7	15	13	7	10	7	5	6	5									
1948			1	12	67	48	56	14	28	14	22	10	12	15	3	1	2	2	10	7	4	6	7	6	11	5	3									
1949			6	79	62	59	7	14	6	13	9	4	10	6	3	8	5	4	4	8	14	21	21	2												
1950			15	45	61	90	16	15	4	7	4	3	6	3	8	3	19	5	8	14	17	8	12	2												
1951			1	10	61	49	65	27	8	16	21	9	8	2	3	4	8	10	15	17	13	5	9	1	2	1										
1952			8	77	58	33	11	8	20	13	18	7	8	4	6	10	8	3	1	3	8	7	12	13	12	11	1	2								
1953			1	21	62	65	38	10	31	16	18	9	11	11	9	8	7	6	5	7	5	6	4	6	1	1										
1954			11	54	82	46	26	14	21	17	7	9	8	16	9	6	11	12	14	2																
1955			8	97	71	32	9	19	12	19	7	2	9	5	4	8	22	15	6	9	3	6	2													
1956					20	105	61	17	12	20	13	10	6	8	10	8	7	4	9	13	4	13	8	9	4	3	2									
1957					31	70	23	28	15	12	15	23	3	9	6	10	4	10	14	12	5	3	4	3	9	7	4	9	18	8	4	4	2			
1958							36	26	42	85	36	30	9	8	11	2	3	3	2	8	4	2	4	9	7	9	6	7	12	4						
1959							8	121	60	17	34	9	13	8	10	10	6	6	10	10	19	9	2	2	3											
1960					1	47	65	24	24	17	29	14	29	7	8	9	5	4	4	13	11	13	12	10	11	4	5									
1961						37	77	48	33	13	39	8	12	5	8	12	5	7	10	10	10	4	7	5	12	3										
1962							7	55	46	29	64	10	20	11	9	8	3	4	8	15	14	11	6	10	7	1	3	9	11	4						
1963			4	3	2	8	11	34	61	65	23	14	30	3	17	3	3	12	11	10	9	4	15	5	10	2	5	1								
1964							7	33	80	55	29	17	29	12	14	3	2	5	7	5	9	12	11	7	10	1	2	1	2	3	7	3				
1965						5	16	10	39	64	14	11	26	17	18	10	17	14	4	5	4	9	3	2	9	13	14	13	6	15	7					
1966				7	13	10	13	15	42	39	22	8	44	6	15	11	13	14	5	2	9	5	13	24	17	6	5	5	2							
1967					2		1	8	46	69	47	29	21	11	27	12	6	9	11	10	6	14	11	11	12	2										
1968								1	89	75	20	10	18	17	15	11	10	10	11	11	5	4	4	3	10	13	8	4	6	7	4					
1969								42	99	43	43	12	7	5	8	3	4	3	6	4	11	5	10	10	9	18	8	10	1	4						
1970									5	11	50	59	94	20	23	13	4	6	6	5	5	6	5	4	11	10	3	4	7	9	4	1				
1971									3	10	16	20	13	39	32	75	39	11	3	1	2	2	7	7	11	10	9	24	22	5	2	2				
1972				1	3	17	7	3	23	27	67	49	17	27	4	7	5	8	7	20	12	6	15	13	18	10										
1973								1	8	20	29	55	43	55	23	31	12	8	4	2	1	5	2	5	9	4	8	1	7	12	6	4	2	6	2	
1974								27	29	38	51	15	31	26	34	2	3	10	9	11	7	5	9	8	6	4	6	9	4	7	4	5	4	1		
1975								8	25	35	75	63	31	2	8	8	8	4	5	3	4	4	10	3	3	6	4	14	4	10	5	14	6	3		

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SMITH FORK NEAR CRAWFORD, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	12782	100.0	12	14.0	565	5441	42.6	24	120	320	1255	9.8
1	1.70	5	12782	100.0	13	16.0	747	4876	38.1	25	150	214	935	7.3
2	2.20	13	12777	100.0	14	20.0	385	4129	32.3	26	180	202	721	5.6
3	2.60	34	12764	99.9	15	24.0	266	3744	29.3	27	220	155	519	4.0
4	3.10	74	12730	99.6	16	28.0	312	3478	27.2	28	260	158	364	2.8
5	3.80	165	12656	99.0	17	34.0	253	3166	24.8	29	310	103	206	1.6
6	4.50	664	12491	97.7	18	41.0	231	2913	22.8	30	370	67	103	.8
7	5.40	1522	11827	92.5	19	49.0	242	2682	21.0	31	450	24	36	.2
8	6.50	1662	10305	80.6	20	59.0	314	2440	19.1	32	540	6	12	
9	7.80	1269	8643	67.6	21	71.0	315	2126	16.6	33	650	4	6	
10	9.40	700	7374	57.7	22	86.0	278	1811	14.2	34	780	2	2	
11	11.00	1233	6574	52.2	23	100.0	278	1533	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
SMITH FORK NEAR CRAWFORD, CO.

YEAR	1	3	7	15	30	60	90	120	183									
1937	305.0	18	301.0	16	283.0	16	270.0	16	214.0	15	152.0	17	118.0	18	95.0	18	70.0	16
1938	408.0	9	382.0	9	339.0	11	315.0	9	292.0	7	218.0	9	179.0	6	142.0	6	100.0	6
1939	333.0	16	295.0	17	281.0	17	254.0	17	211.0	16	154.0	16	124.0	16	100.0	16	70.0	17
1942	436.0	7	422.0	7	396.0	6	357.0	5	323.0	5	268.0	3	223.0	2	176.0	2	121.0	2
1943	296.0	19	235.0	20	273.0	18	246.0	18	196.0	18	159.0	15	132.0	13	109.0	11	77.0	11
1946	237.0	23	234.0	23	225.0	23	196.0	21	163.0	22	131.0	24	105.0	24	85.0	24	61.0	22
1947	292.0	20	289.0	18	268.0	19	220.0	19	170.0	21	141.0	21	117.0	19	93.0	20	67.0	18
1948	500.0	3	487.0	4	446.0	4	368.0	4	334.0	4	243.0	6	177.0	8	139.0	7	95.0	7
1949	221.0	27	214.0	27	202.0	25	181.0	24	173.0	20	166.0	14	146.0	11	109.0	12	76.0	12
1950	226.0	26	221.0	24	214.0	24	186.0	22	162.0	23	142.0	20	117.0	20	95.0	19	66.0	19

GUNNISON RIVER BASIN

09128500 SMITH FORK NEAR CRAWFORD, 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
SMITH FORK NEAR CRAWFORD, CO.

YEAR	1	3	7	15	30	60	90	120	183
1951	228.0 25	208.0 28	174.0 29	147.0 29	119.0 30	97.0 29	80.0 28	64.0 28	46.0 28
1952	492.0 5	448.0 6	355.0 9	325.0 7	279.0 9	253.0 4	196.0 4	155.0 4	106.0 4
1953	382.0 12	338.0 15	308.0 15	272.0 15	204.0 17	133.0 22	101.0 25	81.0 25	57.0 25
1954	93.0 35	88.0 35	83.0 35	79.0 35	70.0 35	58.0 35	47.0 35	38.0 35	28.0 35
1955	192.0 31	180.0 31	163.0 31	142.0 30	120.0 29	95.0 30	78.0 30	63.0 29	45.0 30
1956	277.0 21	261.0 21	232.0 21	181.0 23	154.0 24	129.0 25	99.0 27	81.0 26	57.0 26
1957	850.0 1	794.0 1	722.0 1	609.0 1	500.0 1	403.0 1	311.0 1	248.0 1	171.0 1
1958	500.0 4	495.0 3	451.0 3	393.0 3	364.0 2	275.0 2	202.0 3	157.0 3	107.0 3
1959	198.0 29	188.0 29	168.0 30	128.0 32	113.0 31	94.0 31	74.0 31	60.0 31	43.0 31
1960	254.0 22	251.0 22	226.0 22	172.0 26	147.0 25	131.0 23	108.0 23	87.0 22	61.0 23
1961	192.0 30	186.0 30	181.0 28	162.0 27	138.0 28	103.0 28	79.0 29	63.0 30	46.0 29
1962	410.0 8	387.0 8	359.0 7	303.0 10	298.0 6	206.0 10	163.0 10	133.0 9	91.0 9
1963	189.0 32	173.0 32	160.0 32	134.0 31	111.0 32	84.0 32	67.0 32	54.0 33	38.0 34
1964	386.0 11	378.0 10	359.0 8	318.0 8	219.0 14	147.0 19	111.0 21	87.0 23	61.0 24
1965	362.0 15	354.0 13	312.0 14	282.0 13	246.0 12	224.0 7	184.0 5	147.0 5	103.0 5
1966	220.0 28	218.0 26	201.0 26	175.0 25	141.0 27	117.0 27	100.0 26	81.0 27	56.0 27
1967	123.0 33	120.0 33	115.0 33	107.0 33	97.0 33	80.0 34	65.0 34	53.0 34	39.0 33
1968	365.0 14	352.0 14	325.0 13	278.0 14	224.0 13	172.0 13	129.0 15	102.0 15	73.0 13
1969	306.0 17	285.0 19	250.0 20	216.0 20	187.0 19	148.0 18	121.0 17	97.0 17	66.0 20
1970	400.0 10	365.0 12	334.0 12	303.0 11	252.0 11	177.0 12	132.0 12	103.0 14	72.0 14
1971	233.0 24	219.0 25	186.0 27	155.0 28	142.0 26	122.0 26	108.0 22	88.0 21	61.0 21
1972	117.0 34	113.0 34	107.0 34	101.0 34	93.0 34	81.0 33	67.0 33	58.0 32	41.0 32
1973	564.0 2	529.0 2	517.0 2	432.0 2	336.0 3	243.0 5	178.0 7	137.0 8	94.0 8
1974	480.0 6	452.0 5	406.0 5	345.0 6	265.0 10	178.0 11	131.0 14	104.0 13	71.0 15
1975	380.0 13	371.0 11	348.0 10	298.0 12	283.0 8	223.0 8	170.0 9	132.0 10	89.0 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
SMITH FORK NEAR CRAWFORD, CO.

YEAR	1	3	7	14	30	60	90	120	183
1938	7.00 32	7.00 32	7.00 31	7.00 28	7.00 27	7.00 26	7.20 26	7.60 24	8.90 25
1939	8.00 33	8.70 33	8.70 33	8.80 33	9.10 33	9.40 32	9.70 32	10.00 32	11.00 28
1942	9.40 34	9.60 34	9.90 34	11.00 34	13.00 34	13.00 34	14.00 34	14.00 34	19.00 34
1943	5.20 24	5.30 23	5.60 25	5.80 24	6.10 24	6.50 24	6.80 23	6.90 20	7.60 22
1944	6.60 31	6.70 30	6.90 29	7.00 29	7.10 28	7.20 27	7.40 27	7.70 25	8.80 24
1947	3.40 8	3.50 6	3.70 8	4.00 7	4.10 4	4.70 5	5.30 7	5.90 11	7.20 20
1948	6.40 29	6.90 31	7.50 32	7.70 32	8.30 31	8.70 31	8.80 31	9.40 30	13.00 33
1949	4.50 15	5.00 20	5.30 21	5.30 18	5.50 18	6.00 21	6.00 18	6.10 17	6.90 16
1950	4.50 16	4.60 14	4.80 14	5.40 20	5.80 23	6.00 22	6.50 21	6.90 21	7.10 17
1951	3.50 9	4.00 10	4.20 10	4.30 10	4.50 8	4.60 3	5.10 4	5.40 4	5.80 5
1952	4.10 12	4.20 12	4.40 12	4.50 11	4.70 9	4.90 7	5.00 3	5.10 2	5.60 2
1953	4.40 13	4.60 15	5.00 17	5.00 14	5.20 14	5.50 16	5.80 15	6.00 15	7.10 18
1954	4.00 11	4.00 11	4.30 11	4.70 12	4.90 11	5.20 9	5.30 8	5.50 5	5.70 3
1955	4.50 17	4.80 17	5.20 20	5.50 21	5.60 20	5.70 18	6.10 19	6.30 19	6.70 13
1956	4.50 18	5.00 21	5.00 18	5.30 19	5.50 19	5.90 19	6.00 16	6.10 16	6.10 6
1957	4.50 19	4.80 18	5.00 19	5.10 15	5.20 15	5.40 14	5.60 12	5.90 12	6.40 11
1958	6.50 30	6.50 29	6.90 30	6.90 27	7.30 29	7.80 30	8.70 29	9.90 31	12.00 31
1959	5.80 27	6.30 27	6.50 27	6.60 26	6.80 26	7.00 25	7.10 24	7.20 23	7.60 21
1960	4.40 14	4.50 13	4.70 13	4.80 13	5.10 12	5.20 10	5.20 5	5.60 6	8.50 23
1961	4.60 20	4.70 16	4.90 15	5.10 16	5.20 16	5.50 17	5.40 9	5.60 7	6.10 7
1962	6.00 28	6.50 28	6.90 28	7.40 30	7.50 30	7.60 29	8.70 30	8.80 27	11.00 29
1963	3.00 4	3.20 4	3.50 5	4.10 8	4.30 7	5.00 8	5.50 10	5.70 8	6.30 9
1964	1.80 1	1.80 1	2.10 1	3.20 3	3.20 3	5.20 17	5.30 11	5.60 13	6.40 10
1965	3.50 10	3.50 7	3.60 6	3.80 5	4.20 5	5.40 15	5.80 14	5.90 14	6.70 14
1966	4.80 21	5.20 22	5.40 22	5.60 22	5.80 21	6.50 23	7.10 25	8.30 26	13.00 32
1967	2.40 3	2.50 2	2.60 3	2.80 2	3.30 2	3.70 1	4.60 1	5.10 3	5.70 4
1968	5.20 25	5.40 24	5.50 23	5.70 23	5.80 22	6.00 20	6.00 17	6.20 18	7.10 19
1969	5.00 23	5.00 19	5.00 16	5.10 17	5.10 13	5.30 12	5.50 11	5.80 9	6.10 8
1970	4.80 22	5.40 25	5.50 24	5.90 25	6.20 25	7.20 28	8.30 28	9.20 29	9.20 26
1971	5.80 26	5.80 26	6.20 26	7.60 31	9.00 32	9.50 33	9.90 33	11.00 33	12.00 30
1972	3.30 5	3.60 9	4.00 9	4.30 9	4.80 10	5.40 13	6.20 20	7.00 22	6.80 15
1973	2.00 2	2.50 3	2.50 2	2.70 1	3.00 1	4.80 6	6.60 22	9.00 28	9.60 27
1974	3.30 6	3.50 8	3.70 7	3.90 6	4.20 6	4.70 4	5.20 6	5.90 10	6.60 12
1975	3.40 7	3.40 5	3.50 4	3.50 4	3.70 3	4.10 2	4.70 2	5.00 1	5.30 1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
11.0	9.40	7.73	6.86	7.67	13.7	78.7	181	115	29.0	12.2	10.4
41.9	15.3	9.44	7.14	6.98	39.5	1842	5197	7198	416	29.4	25.8
6.47	3.91	3.07	2.67	2.64	6.29	42.9	72.1	84.8	20.4	5.42	5.08
1.94	1.81	2.24	2.77	1.63	1.35	0.68	0.68	2.91	3.10	1.83	1.15
0.59	0.42	0.40	0.39	0.34	0.46	0.55	0.40	0.74	0.70	0.44	0.49
2.28	1.95	1.60	1.42	1.59	2.84	16.3	37.4	23.9	6.02	2.53	2.16

GUNNISON RIVER BASIN

09128500 SMITH FORK NEAR CRAWFORD, 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)											
0.98	0.94	0.86	0.81	0.86	1.10	1.83	2.22	1.98	1.39	1.05	0.97
0.05	0.02	0.02	0.02	0.02	0.03	0.06	0.03	0.06	0.06	0.04	0.04
0.21	0.15	0.14	0.13	0.13	0.18	0.25	0.17	0.25	0.24	0.19	0.20
0.78	1.04	1.30	1.54	0.79	0.40	0.01	-0.06	0.51	0.36	-0.59	0.16
0.22	0.16	0.16	0.16	0.15	0.16	0.13	0.08	0.13	0.17	0.18	0.21
6.56	6.29	5.75	5.42	5.75	7.32	12.2	14.8	13.2	9.28	6.98	6.47

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
40.3	218	14.8	1.17	0.37	0.055

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.58	0.02	0.15	0.07	0.10	0.056

09129000 SMITH FORK AT CRAWFORD, COLO.

LOCATION.--Lat 38°42'38", long 107°34'32", in NW¼NW¼ sec.33, T.15 S., R.91 W., Delta County, on right bank 100 ft (30 m) upstream from former bridge site, 1.9 mi (3.1 km) northeast of Crawford, and 2.7 mi (4.3 km) upstream from Iron Creek.

DRAINAGE AREA.--63.1 mi² (163.4 km²).

REMARKS.--Natural flow affected by diversions above station for irrigation above and below station, one diversion to Cottonwood Creek drainage, one small diversion to Iron Creek drainage, and water imported from Curecanti Creek drainage.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN

SMITH FORK AT CRAWFORD, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	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			1	44	38	55	46	51	22	16	9	4	3	5	11	14	11	7	8	3	8	4	5													
1956	14	56	59	22	21	20	21	30	11	5	3	7	10	9	5	15	1	3	4	12	14	8	1	3	5	6	1									
1957	2	3	27	85	14	6	8	16	23	40	13	6	10	2	10	10	4	3	4	5	6	4	2	4	7	17	9	5	10	2	2	4	2			
1958							45	60	56	48	33	15	19	13	9	5	1	1	1	1	2	1	7	10	6	10	5	7	10							
1959			5	14	103	70	33	27	15	7	8	10	5	8	11	8	18	13	4	1	1	3	1													
1960		1	71	36	41	40	21	8	17	27	9	5	1	8	11	7	7	10	14	9	7	7	5	1	3											

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2192	100.0	12	15.0	96	722	32.9	24	140	27	159	7.2
1	1.90	14	2192	100.0	13	18.0	52	626	28.6	25	170	25	132	6.0
2	2.30	58	2178	99.4	14	22.0	56	574	26.2	26	210	20	107	4.8
3	2.80	62	2120	96.7	15	27.0	31	518	23.6	27	250	31	87	3.9
4	3.30	51	2058	93.9	16	32.0	61	487	22.2	28	310	14	56	2.5
5	4.00	226	2007	91.6	17	39.0	52	426	19.4	29	370	12	42	1.9
6	4.90	122	1781	81.3	18	47.0	34	374	17.1	30	450	20	30	1.3
7	5.90	226	1659	75.7	19	56.0	40	340	15.5	31	540	2	10	.4
8	7.10	239	1433	65.4	20	68.0	48	300	13.7	32	650	2	8	.3
9	8.60	192	1194	54.5	21	82.0	41	252	11.5	33	790	4	6	.2
10	10.00	141	1002	45.7	22	99.0	34	211	9.6	34	950	2	2	
11	12.00	139	861	39.3	23	120.0	18	177	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

SMITH FORK AT CRAWFORD, CO.

YEAR	1	3	7	15	30	60	90	120	183
1955	160.0 6	148.0 6	133.0 6	122.0 5	103.0 5	76.0 5	60.0 5	48.0 5	34.0 5
1956	259.0 4	242.0 4	211.0 4	175.0 3	143.0 3	110.0 4	83.0 4	66.0 4	46.0 4
1957	1050.0 1	979.0 1	890.0 1	695.0 1	516.0 1	411.0 1	308.0 1	239.0 1	162.0 1
1958	505.0 2	485.0 2	462.0 2	412.0 2	380.0 2	282.0 2	199.0 2	155.0 2	106.0 2
1959	177.0 5	169.0 5	138.0 5	95.0 6	80.0 6	68.0 6	55.0 6	44.0 6	32.0 6
1960	308.0 3	280.0 3	221.0 3	158.0 4	135.0 4	116.0 3	94.0 3	75.0 3	52.0 3

09129000 SMITH FORK AT CRAWFORD, 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
SMITH FORK AT CRAWFORD, CO.

YEAR	1	3	7	14	30	60	90	120	183
1956	1.90 1	2.00 1	2.10 1	2.20 1	2.50 1	2.70 1	2.70 1	2.70 1	3.30 1
1957	2.60 2	3.00 2	3.20 2	3.50 2	3.90 2	4.10 2	4.10 2	4.20 2	4.70 2
1958	7.40 5	7.90 5	8.10 5	8.10 5	8.50 5	8.70 5	9.60 5	11.00 5	12.00 5
1959	5.00 4	5.20 4	5.80 4	6.20 4	6.40 4	6.50 4	6.60 4	6.70 4	7.30 3
1960	3.80 3	4.10 3	4.30 3	4.30 3	4.40 3	4.60 3	4.70 3	5.00 3	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)											
9.18	7.35	6.11	5.41	6.31	11.6	74.2	181	129	22.9	10.1	8.40
19.9	16.0	7.57	3.92	11.7	16.1	1377	16070	32990	723	13.0	10.2
4.47	4.00	2.75	1.98	3.43	4.02	37.1	127	182	26.9	3.60	3.19
0.17	0.79	1.00	0.42	1.33	0.73	0.10	1.01	2.38	2.43	2.19	0.77
0.49	0.54	0.45	0.37	0.54	0.35	0.50	0.70	1.41	1.17	0.36	0.38
1.95	1.56	1.30	1.15	1.34	2.45	15.7	38.4	27.4	4.86	2.14	1.78

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)											
0.91	0.81	0.75	0.71	0.75	1.04	1.82	2.18	1.88	1.21	0.99	0.90
0.05	0.07	0.04	0.03	0.05	0.02	0.06	0.08	0.18	0.11	0.02	0.03
0.23	0.26	0.20	0.17	0.23	0.15	0.24	0.28	0.43	0.34	0.13	0.16
-0.37	-0.43	-0.09	-0.52	0.11	0.19	-0.27	0.78	1.89	2.32	1.93	0.15
0.26	0.32	0.26	0.24	0.31	0.14	0.13	0.13	0.23	0.28	0.13	0.18
6.56	5.80	5.38	5.07	5.38	7.47	13.0	15.6	13.5	8.68	7.07	6.45

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
39.4	684	26.2	1.28	0.66	0.079

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.52	0.07	0.26	0.88	0.17	0.082

09129500 IRON CREEK NEAR CRAWFORD, COLO.

LOCATION.--Lat 38°40'51", long 107°35'26", in SE¼SW¼ sec.13, T.51 N., R.7 W., Delta County, on right bank 0.2 mi (0.3 km) downstream from Clear Fork, 1.6 mi (2.6 km) upstream from mouth, and 1.6 mi (2.6 km) south of Crawford.

DRAINAGE AREA.--71.5 mi² (185.2 km²).

REMARKS.--Natural flow of stream affected by water imported from Crystal Creek, storage in Gould (Onion Valley) Reservoir (Capacity, 6,420 acre-ft or 7.92 hm³), 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
IRON CREEK NEAR CRAWFORD, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	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											3	13	9	9	14	88	13	49	15	10	31	10	15	11	5	8	16	10	12	6	8	5	3	2	1
1949												14	71	19	58	60	4	12	3	7	17	6	14	15	14	14	20	7	5	2	1	1	1	1	
1950					1	6	4	23	9	15	11	24	10	88	28	37	4	15	20	10	7	23	12	5	12	1									
1951	2	1	3	12	6	4	14	11	21	52	38	42	32	17	36	9	15	3	3	9	4	7	11	3	4	1									
1952					4	1	5	5	8	10	21	62	37	41	22	9	5	4	8	5	5	11	1	6	9	21	23	17	17	3	3	1	1		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1827	100.0	12	8.3	195	1521	83.3	27	30	40	200	15.3
1	2.60	2	1827	100.0	13	9.2	121	1326	72.6	28	33	40	240	13.1
2	2.90	1	1825	99.9	14	10.0	140	1205	66.0	29	36	70	200	10.9
3	3.20	3	1824	99.8	15	11.0	294	1065	58.0	30	41	41	130	7.1
4	3.60	12	1821	99.7	16	13.0	63	771	42.2	31	45	34	89	4.8
5	4.00	10	1809	99.0	17	14.0	118	708	38.8	32	50	25	55	3.0
6	4.40	6	1799	98.5	18	16.0	29	590	32.3	33	56	12	30	1.6
7	4.90	25	1793	98.1	19	17.0	48	561	30.7	34	62	0	18	.9
8	5.40	20	1768	96.8	20	19.0	83	513	28.1	35	69	5	10	.5
9	6.10	52	1748	95.7	21	22.0	35	430	23.5	36	76	3	5	.2
10	6.70	74	1696	92.8	22	24.0	54	395	21.6	37	85	2	2	.1
11	7.50	101	1622	88.8	23	27.0	61	341	18.7					

GUNNISON RIVER BASIN

09129500 IRON CREEK NEAR CRAWFORD, 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
IRON CREEK NEAR CRAWFORD, CO.

YEAR	1	3	7	15	30	60	90	120	183
1948	109.0 1	75.0 1	65.0 1	59.0 1	54.0 1	44.0 2	41.0 2	38.0 2	30.0 2
1949	85.0 2	68.0 3	54.0 3	47.0 3	43.0 3	38.0 3	34.0 3	31.0 3	25.0 3
1950	43.0 4	41.0 4	35.0 4	33.0 4	32.0 4	29.0 4	27.0 4	25.0 4	21.0 4
1951	37.0 5	35.0 5	33.0 5	30.0 5	24.0 5	21.0 5	18.0 5	16.0 5	13.0 5
1952	82.0 3	73.0 2	62.0 2	53.0 2	49.0 2	45.0 1	45.0 1	40.0 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
IRON CREEK NEAR CRAWFORD, CO.

YEAR	1	3	7	14	30	60	90	120	183
1949	7.20 3	7.20 3	7.40 3	7.70 3	8.30 3	8.70 3	8.80 3	9.20 3	9.50 3
1950	8.20 4	8.40 4	8.90 4	9.00 4	9.60 4	10.00 4	11.00 4	11.00 4	11.00 4
1951	4.60 2	4.90 2	5.50 2	5.80 2	6.10 2	6.40 2	7.20 2	7.80 2	8.30 2
1952	2.60 1	2.80 1	3.20 1	3.50 1	4.00 1	5.10 1	6.40 1	7.10 1	7.90 1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
11.6	11.1	10.3	10.0	10.6	14.9	27.1	32.6	34.1	22.0	11.2	7.77
34.0	3.43	2.23	3.84	7.38	35.8	162	128	73.6	99.5	9.68	6.18
5.83	1.85	1.49	1.96	2.72	5.98	12.7	11.3	8.58	9.97	3.11	2.49
1.51	0.29	1.90	0.57	0.66	0.69	-0.79	0.13	-0.11	0.40	0.67	-0.60
0.50	0.17	0.14	0.20	0.26	0.40	0.47	0.35	0.25	0.45	0.28	0.32
5.70	5.45	5.09	4.93	5.23	7.32	13.3	16.0	16.8	10.8	5.50	3.82

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.02	1.04	1.01	0.99	1.02	1.14	1.37	1.49	1.52	1.30	1.04	0.87
0.04	0.01	0.00	0.01	0.01	0.03	0.08	0.02	0.01	0.04	0.01	0.02
0.20	0.07	0.06	0.08	0.11	0.18	0.29	0.16	0.11	0.21	0.12	0.16
0.72	-0.10	1.79	0.48	0.62	-0.39	-1.69	-0.26	-0.46	-0.37	0.09	-0.91
0.20	0.07	0.06	0.08	0.11	0.16	0.21	0.11	0.07	0.16	0.12	0.18
7.41	7.52	7.32	7.20	7.34	8.27	9.93	10.8	11.0	9.42	7.49	6.29

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
16.9	18.8	4.33	-0.72	0.26	-0.190

STATISTICS ON LOG ANNUAL MEANS(ALL OAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.22	0.02	0.12	-1.12	0.10	-0.218

09129800 CLEAR FORK NEAR RAGGED MOUNTAIN, COLO.

LOCATION.--Lat 39°08'36", long 107°25'50", in SW¼ sec.34, T.10 S., R.90 W. (projected), Gunnison County, on left bank near downstream wingwall of private bridge 700 ft (210 m) upstream from Little Muddy Creek and 3.0 mi (4.8 km) northwest of Ragged Mountain.

DRAINAGE AREA.--38.5 mi² (99.7 km²).

REMARKS.--Transbasin diversion above station by Clear Fork ditch for irrigation in West Divide Creek basin.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
CLEAR FORK NEAR RAGGED MOUNTAIN, 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	
1966				5	9	12	12	7	10	11	48	68	45	16	23	3	2	2	17	5	3	4	4	15	15	11	5	2	4	5						
1967				2	1	2	6	26	55	80	36	15	11	10	5	12	13	3	5	8	22	11	8	9	5	4	3	7	6							
1968		2	3	9	9	3	3	3	41	77	22	30	9	7	11	5	14	18	12	19	7	4	2	1	2	1	7	14	3	9	4	6	7	2		
1969									1	104	78	22	15	17	12	6	6	5	3	6	8	10	11	8	5	9	5	5	6	7	8	7	1			
1970											10	16	20	59	118	27	15	9	11	7	4	2	5	4	3	7	13	7	1	5	8	4	5	5		
1971						2	8	28	9	23	69	83	26	5	6	6	4	3	5	2	2	2	4	5	14	14	19	12	11	5						
1972					5	7	16	21	52	92	33	11	9	2	2	7	11	12	10	6	2	4	8	10	22	9	13	2								
1973							2	5	27	28	84	64	25	19	2	9	11	8	9	1	1	3	4	3	6	11	4	2	7	13	3	7	6	1		

09129800 CLEAR FORK NEAR RAGGED MOUNTAIN, COLO.--Continued

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

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN CLEAR FORK NEAR RAGGED MOUNTAIN, CO.										MEAN CLEAR FORK NEAR RAGGED MOUNTAIN, CO.				
CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2922	100.0	12	4.7	248	1657	56.7	24	69	52	456	15.6
1	0.30	2	2922	100.0	13	5.9	227	1409	48.2	25	86	79	404	13.8
2	0.50	3	2920	99.9	14	7.3	221	1182	40.5	26	110	74	325	11.1
3	0.60	14	2917	99.8	15	9.2	55	961	32.9	27	130	70	251	8.5
4	0.80	20	2903	99.3	16	11.0	71	906	31.0	28	170	35	181	6.1
5	1.00	21	2883	98.7	17	14.0	75	835	28.6	29	210	49	146	4.9
6	1.20	24	2862	97.9	18	18.0	55	760	26.0	30	260	43	97	3.3
7	1.50	36	2838	97.1	19	22.0	76	705	24.1	31	330	20	54	1.8
8	1.90	112	2802	95.9	20	28.0	44	629	21.5	32	410	20	34	1.1
9	2.40	354	2690	92.1	21	35.0	46	585	20.0	33	520	13	14	.4
10	3.00	367	2336	79.9	22	44.0	42	539	18.4	34	650	1	1	
11	3.70	312	1969	67.4	23	55.0	41	497	17.0					

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 FORK NEAR RAGGED MOUNTAIN, CO.																		
YEAR	1	3	7	15	30	60	90	120	183									
1966	275.0	6	271.0	6	264.0	5	218.0	6	167.0	6	124.0	6	93.0	6	72.0	6	49.0	6
1967	255.0	7	247.0	7	234.0	7	189.0	7	149.0	7	103.0	8	79.0	8	63.0	8	43.0	8
1968	575.0	3	506.0	3	469.0	3	420.0	3	327.0	3	228.0	3	160.0	3	123.0	3	84.0	3
1969	450.0	4	400.0	4	342.0	4	317.0	4	277.0	4	185.0	4	138.0	5	107.0	5	72.0	5
1970	617.0	2	584.0	2	543.0	2	459.0	2	354.0	2	230.0	2	164.0	2	125.0	2	85.0	2
1971	316.0	5	305.0	5	262.0	6	223.0	5	206.0	5	173.0	5	146.0	4	113.0	4	76.0	4
1972	182.0	8	164.0	8	148.0	8	135.0	8	126.0	8	105.0	7	82.0	7	66.0	7	44.0	7
1973	688.0	1	655.0	1	596.0	1	526.0	1	395.0	1	281.0	1	199.0	1	152.0	1	102.0	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 FORK NEAR RAGGED MOUNTAIN, CO.																		
YEAR	1	3	7	14	30	60	90	120	183									
1967	0.60	2	0.63	2	0.71	2	0.99	2	1.10	2	1.30	1	1.60	1	2.10	2	2.50	2
1968	0.40	1	0.50	1	0.55	1	0.61	1	0.80	1	1.60	2	1.80	2	2.00	1	2.30	1
1969	2.20	5	2.40	5	2.40	5	2.50	5	2.50	4	2.60	4	2.70	4	2.80	3	2.90	3
1970	2.70	6	3.00	6	3.30	6	3.60	6	4.00	6	4.40	6	5.50	6	6.70	7	7.00	7
1971	3.00	7	3.20	7	3.40	7	3.80	7	4.40	7	5.30	7	5.50	7	5.80	6	6.40	6
1972	1.70	4	1.80	4	2.10	4	2.40	4	2.80	5	3.00	5	3.00	5	3.00	4	3.10	4
1973	1.00	3	1.10	3	1.10	3	1.30	3	1.60	3	1.90	3	2.40	3	3.50	5	3.70	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)											
4.85	4.50	4.26	4.31	4.16	8.57	68.7	221	96.8	12.5	5.28	3.89
6.89	6.77	3.07	3.49	3.06	14.3	2309	7599	4515	59.3	19.5	8.03
2.62	2.60	1.75	1.87	1.75	3.79	48.0	87.0	67.2	7.70	4.42	2.83
0.28	1.05	1.06	1.17	1.49	0.98	0.53	0.37	0.70	1.54	2.30	2.20
0.54	0.58	0.41	0.43	0.42	0.44	0.70	0.39	0.69	0.62	0.84	0.73
1.10	1.02	0.97	0.98	0.95	1.95	15.6	50.4	22.0	2.84	1.20	0.89

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)											
0.62	0.59	0.60	0.60	0.59	0.90	1.72	2.31	1.88	1.03	0.63	0.51
0.07	0.06	0.03	0.03	0.03	0.03	0.12	0.03	0.11	0.07	0.08	0.07
0.26	0.25	0.17	0.18	0.16	0.18	0.35	0.18	0.33	0.26	0.28	0.27
-0.21	0.11	0.56	0.56	0.99	0.41	-0.21	-0.02	-0.06	0.01	1.00	0.37
0.42	0.42	0.28	0.29	0.27	0.20	0.20	0.08	0.17	0.25	0.45	0.53
5.18	4.93	5.00	5.02	4.93	7.49	14.4	19.3	15.7	8.57	5.24	4.27

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
36.8	127	11.3	-0.05	0.31	-0.201

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.55	0.02	0.14	-0.33	0.09	-0.162

GUNNISON RIVER BASIN

09130500 EAST MUDDY CREEK NEAR BARDINE, COLO.

LOCATION.--Lat 39°00'48", long 107°21'28", in NW¼SE¼ sec.17, T.12 S., R.89 W., Gunnison County, on left bank 5 ft (2 m) from State Highway 133, 0.9 mi (1.4 km) downstream from Spring Creek, 1.1 mi (1.8 km) upstream from West Muddy Creek, and 5.2 mi (8.4 km) north of Bardine.

DRAINAGE AREA.--133 mi² (344 km²).

REMARKS.--Diversions for irrigation of about 2,000 acres (8.09 km²) of hay meadows above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
EAST MUDDY CREEK NEAR BARDINE, 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																																				
1936		2	2	24	52	86	9	24	10	46	6	5	8	8	8	1	5	1	12	4	3	1	4	4	11	13	6	2	1								
1937			4	12	91	107	25	17	20	39	19	15	12	6	5	6	8	6	5	2	12	8	5	4	7	2	8	2									
1938				1	60	79	20	26	14	8	7	33	10	6	12	5	1	7	2	6	2	7	9	8	5	4	7	11	9	6							
1939				39	46	64	40	37	33	11	8	5	6	8	8	3	10	2	17	3	5	3	7	6	3	8	3										
1940		6	13	93	55	55	27	12	6	5	4	11	13	9	3	4	4	1	4	4	9	4	5	5	1	4	9										
1941				62	50	12	41	6	5	29	47	19	7	9	8	5	5	2	4	1	4	5	11	5	9	3	5	8	2	2	4	2	2	1			
1942					12	13	35	84	46	13	25	25	15	4	6	3	1	6	3	7	2	4	11	14	12	7	5	6	5	1							
1943		3	25	15	23	54	42	20	14	18	18	14	6	8	5	8	10	10	15	8	21	6	3	4	9	4	2										
1944				1	40	72	65	22	25	13	6	2	5	6	3	33	2	2	2	1	5	3	1	4	6	3	5	19	5	4	7	4					
1945			4	13	26	34	76	19	29	8	13	16	13	11	12	7	9	5	5	4	12	7	8	3	4	5	3	9	6	4							
1946		10	9	12	29	35	126	14	13	11	9	6	2	5	7	5	5	2	11	9	16	3	7	3	11	5											
1947		2	1	15	61	34	46	14	16	23	18	14	8	12	6	6	5	3	7	2	17	16	8	6	4	8	1	1	1	2	5	2					
1948			2	6	21	20	81	38	19	35	22	11	11	9	4	8	12	4	4	2	5	3	4	6	8	3	7	6	3	6	5	1					
1949				6	42	87	55	34	16	8	8	1	7	2	7	7	8	2	3	1	7	2	10	17	12	16	5	2									
1950				2	23	56	99	48	20	3	3	7	5	4	9	5	5	4	3	9	8	6	7	5	17	8	9										
1951				1	5	50	86	79	23	8	17	7	5	6	1	3	3	7	4	16	9	6	2	5	7	14	1										
1952		1	2	2	15	48	89	32	12	11	13	10	11	17	7	8	6	3	2	7	3	3	1	5	2	9	16	9	4	2	9	4	2	1			
1953				1	14	81	63	56	14	21	12	10	10	11	3	4	3	8	4	11	7	5	3	8	1	2	2	7	3	1							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	6575	100.0	12	38.0	187	2126	32.3	24	290	102	653	9.9
1	6.00	5	6575	100.0	13	45.0	195	1939	29.5	25	340	149	551	8.3
2	7.10	24	6570	99.9	14	54.0	133	1744	26.5	26	410	118	402	6.1
3	8.40	86	6546	99.6	15	63.0	110	1611	24.5	27	480	90	284	4.3
4	9.90	362	6460	98.3	16	75.0	128	1501	22.8	28	570	68	194	2.9
5	12.00	691	6098	92.7	17	89.0	114	1373	20.9	29	670	38	126	1.9
6	14.00	949	5407	82.2	18	110.0	56	1259	19.1	30	800	41	88	1.3
7	16.00	986	4458	67.8	19	120.0	139	1203	18.3	31	940	32	47	.7
8	20.00	395	3472	52.8	20	150.0	74	1064	16.2	32	1100	11	15	.2
9	23.00	412	3077	46.8	21	170.0	151	990	15.1	33	1300	3	4	
10	27.00	311	2665	40.5	22	210.0	77	839	12.8	34	1600	1	1	
11	32.00	228	2354	35.8	23	240.0	109	762	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
EAST MUDDY CREEK NEAR BARDINE, CO.

YEAR	1	3	7	15	30	60	90	120	183
1936	678.0 10	644.0 10	519.0 11	479.0 11	454.0 9	336.0 11	246.0 11	194.0 11	134.0 11
1937	584.0 12	561.0 11	545.0 10	493.0 10	386.0 12	283.0 12	212.0 12	170.0 12	121.0 13
1938	1070.0 6	1030.0 6	928.0 6	850.0 4	741.0 4	608.0 2	462.0 1	363.0 1	250.0 1
1939	516.0 15	500.0 15	459.0 15	428.0 15	348.0 15	243.0 16	188.0 16	148.0 16	103.0 16
1940	530.0 13	507.0 14	496.0 13	463.0 13	359.0 14	241.0 17	176.0 18	138.0 18	95.0 18
1941	1700.0 1	1530.0 1	1300.0 1	1030.0 1	795.0 2	542.0 4	395.0 4	308.0 4	213.0 4
1942	980.0 7	920.0 7	863.0 7	713.0 8	626.0 6	500.0 6	390.0 5	304.0 5	208.0 5
1943	496.0 16	471.0 16	452.0 16	403.0 16	318.0 18	248.0 15	204.0 13	165.0 13	123.0 12
1944	1230.0 3	1130.0 3	1050.0 4	981.0 2	817.0 1	634.0 1	459.0 2	361.0 2	244.0 2
1945	932.0 8	911.0 8	829.0 8	736.0 7	622.0 7	428.0 7	322.0 7	256.0 7	181.0 7
1946	471.0 17	451.0 17	428.0 17	397.0 17	325.0 16	251.0 14	197.0 14	156.0 14	109.0 14
1947	1130.0 4	1110.0 4	1060.0 4	825.0 6	589.0 8	408.0 8	322.0 8	256.0 8	180.0 8
1948	1120.0 5	1050.0 5	1010.0 5	841.0 5	718.0 5	505.0 5	369.0 6	288.0 6	198.0 6
1949	621.0 11	560.0 12	486.0 14	447.0 14	430.0 10	383.0 9	303.0 9	239.0 9	165.0 9
1950	530.0 14	507.0 13	506.0 12	469.0 12	400.0 11	341.0 10	265.0 10	210.0 10	145.0 10
1951	414.0 18	408.0 18	377.0 18	355.0 18	323.0 17	234.0 18	181.0 17	143.0 17	100.0 17
1952	1330.0 2	1250.0 2	1090.0 2	956.0 3	792.0 3	604.0 3	448.0 3	347.0 3	239.0 3
1953	729.0 9	661.0 9	595.0 9	519.0 9	380.0 13	257.0 13	188.0 15	149.0 15	106.0 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
EAST MUDDY CREEK NEAR BARDINE, CO.

YEAR	1	3	7	14	30	60	90	120	183
1937	6.00 1	7.30 3	8.90 4	9.60 4	9.90 3	11.00 5	13.00 7	14.00 6	14.00 5
1938	13.00 16	14.00 16	14.00 16	14.00 16	14.00 14	15.00 15	15.00 13	16.00 13	18.00 15
1939	11.00 14	11.00 11	11.00 10	11.00 8	11.00 8	12.00 6	13.00 8	14.00 7	17.00 12
1940	9.00 8	10.00 9	10.00 7	10.00 5	10.00 4	10.00 1	11.00 1	12.00 1	12.00 1
1941	7.20 4	7.20 2	7.50 1	8.30 1	10.00 5	10.00 2	11.00 2	12.00 2	14.00 6
1942	21.00 17	21.00 17	21.00 17	21.00 17	21.00 17	22.00 17	23.00 17	25.00 17	33.00 17
1943	7.80 5	8.10 4	8.60 3	8.90 3	9.10 1	11.00 3	12.00 3	13.00 3	14.00 7
1944	10.00 11	12.00 12	13.00 15	13.00 13	13.00 10	14.00 11	14.00 9	15.00 10	17.00 13
1945	12.00 15	12.00 13	12.00 11	13.00 14	14.00 15	15.00 16	16.00 16	16.00 14	17.00 14

09130600 WEST MUDDY CREEK NEAR RAGGED MOUNTAIN, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
WEST MUDDY CREEK NEAR RAGGED MOUNTAIN, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	14	3653	100.0	12	2.4	85	982	26.9	24	31	41	132	3.6
1	0.10	324	3639	99.6	13	3.0	83	897	24.6	25	38	39	91	2.4
2	0.20	342	3315	90.7	14	3.7	89	814	22.3	26	47	19	52	1.4
3	0.30	302	2973	81.4	15	4.6	35	725	19.8	27	58	21	33	.9
4	0.40	228	2671	73.1	16	5.6	66	690	18.9	28	72	5	12	.3
5	0.50	569	2443	66.9	17	7.0	72	624	17.1	29	89	4	7	.1
6	0.70	100	1874	51.3	18	8.6	88	552	15.1	30	110	3	3	
7	0.80	177	1774	48.6	19	11.0	43	464	12.7	31				
8	1.00	321	1597	43.7	20	13.0	60	421	11.5	32				
9	1.30	127	1276	34.9	21	16.0	67	361	9.9	33				
10	1.60	69	1149	31.5	22	20.0	88	294	8.0	34				
11	2.00	98	1080	29.6	23	25.0	74	206	5.6					

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WEST MUDDY CREEK NEAR RAGGED MOUNTAIN, CO.

YEAR	1	3	7	15	30	60	90	120	183			
1956	28.0	8	25.0	9	23.0	9	17.0	6	9.4	6	6.3	6
1957	86.0	2	72.0	3	70.0	2	64.0	2	21.0	2	15.0	2
1958	70.0	4	63.0	4	60.0	3	55.0	3	18.0	3	12.0	3
1959	27.0	9	26.0	8	25.0	8	23.0	7	7.1	9	4.8	9
1960	32.0	7	31.0	7	30.0	6	25.0	6	21.0	6	16.0	7
1961	38.0	6	35.0	6	25.0	7	22.0	8	14.0	8	7.5	8
1962	126.0	1	121.0	1	107.0	1	80.0	1	43.0	1	25.0	1
1963	18.0	10	16.0	10	15.0	10	13.0	10	9.3	10	6.1	10
1964	81.0	3	74.0	2	60.0	4	45.0	4	32.0	4	21.0	5
1965	47.0	5	46.0	5	41.0	5	36.0	5	32.0	5	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
WEST MUDDY CREEK NEAR RAGGED MOUNTAIN, CO.

YEAR	1	3	7	14	30	60	90	120	183							
1957	0.00	1	0.00	1	0.03	1	0.06	1	0.10	1	0.15	3	0.19	3	0.17	1
1958	1.00	9	1.00	9	1.00	9	1.00	9	1.10	9	1.10	9	1.30	9	1.80	9
1959	0.10	5	0.10	5	0.10	5	0.10	5	0.10	2	0.10	1	0.13	1	0.23	2
1960	0.00	2	0.00	2	0.03	2	0.09	2	0.20	5	0.30	5	0.41	5	0.49	5
1961	0.00	3	0.07	3	0.10	3	0.10	3	0.15	4	0.18	4	0.25	4	0.28	3
1962	0.20	6	0.20	6	0.23	6	0.43	7	0.50	8	0.55	8	0.58	8	0.69	8
1963	0.30	7	0.30	7	0.30	7	0.30	6	0.30	6	0.35	6	0.42	6	0.48	6
1964	0.10	4	0.10	4	0.10	4	0.10	4	0.10	3	0.10	3	0.13	2	0.15	2
1965	0.40	8	0.43	8	0.47	8	0.50	8	0.50	7	0.55	7	0.57	7	0.59	7

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY RDWS (MEAN,VARIANCE,STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.91	0.83	0.55	0.37	0.40	1.00	8.17	26.5	13.6	2.54	1.12	0.83
0.82	0.61	0.26	0.11	0.09	1.29	24.7	204	180	10.2	0.85	0.57
0.90	0.78	0.51	0.33	0.30	1.14	4.97	14.3	13.4	3.19	0.92	0.76
1.58	2.03	2.06	1.97	0.79	2.58	1.11	0.89	2.06	1.95	1.46	1.03
1.00	0.94	0.93	0.89	0.75	1.14	0.61	0.54	0.99	1.26	0.82	0.91
1.59	1.46	0.97	0.65	0.70	1.75	14.4	46.7	23.9	4.46	1.96	1.45

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)											
-0.22	-0.22	-0.38	-0.57	-0.53	-0.19	0.84	1.37	0.98	0.15	-0.07	-0.27
0.18	0.12	0.10	0.13	0.14	0.19	0.07	0.06	0.14	0.22	0.11	0.21
0.42	0.34	0.32	0.36	0.38	0.44	0.26	0.25	0.37	0.46	0.33	0.46
0.11	0.60	0.97	0.19	-0.22	-0.15	0.14	-0.41	0.52	0.88	0.52	-0.33
-1.90	-1.60	-0.84	-0.64	-0.71	-2.26	0.31	0.18	0.38	3.01	-4.74	-1.69
-24.8	-24.2	-43.2	-63.6	-59.4	-21.9	94.5	153	110	17.3	-7.75	-30.8

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
4.76	5.43	2.33	0.65	0.49	-0.286

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.63	0.04	0.21	0.30	0.33	-0.297

GUNNISON RIVER BASIN

09130800 WEST MUDDY CREEK NEAR BOWIE, COLO.

LOCATION.--Lat 39°06'56", long 107°31'26", Delta County, on left bank 20 ft (6 m) downstream from Forest Service bridge, 0.5 mi (0.8 km) northwest of West Muddy Ranger station, 2.7 mi (4.3 km) upstream from Cow Creek, and 14 mi (23 km) north of Bowie.

DRAINAGE AREA.--27.7 mi² (71.7 km²).

REMARKS.--A few small diversions above station for irrigation of hay meadows.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WEST MUDDY CREEK NEAR BOWIE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1969														2	52	71	44	50	18	16	11	2	3	7	10	15	18	15	6	9	6	7	3		
1970													11	59	45	21	40	20	29	34	33	9	5	7	7	10	5	8	5	5	6	5	1		
1971						3	5	4	1	2	10	5	12	8	4	12	18	54	81	38	6	8	4	11	10	9	20	19	14	7					
1972			1	1	1	3	4	11	6	5	8	17	4	9	8	13	57	65	31	12	6	8	12	20	17	9	29	7	2						
1973												4	1	10	13	34	91	81	11	20	17	5	8	11	8	5	3	9	14	3	5	5	7		
1974	24		3	1	2	5	1	8	1	5	1	4	20	111	14	38	6	15	4	5	8	25	10	7	9	10	6	2	4	11	4	1			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	24	2191	100.0	12	0.7	30	2050	93.6	24	24	62	408	18.6
1	0.01	0	2167	98.9	13	0.9	155	2020	92.2	25	32	56	346	15.7
2	0.02	4	2167	98.9	14	1.3	154	1865	85.1	26	44	75	290	13.2
3	0.03	2	2163	98.7	15	1.7	205	1711	78.1	27	58	58	215	9.8
4	0.04	3	2161	98.6	16	2.3	231	1506	68.7	28	79	53	157	7.1
5	0.06	8	2158	98.5	17	3.0	269	1275	58.2	29	110	42	104	4.7
6	0.08	8	2150	98.1	18	4.1	138	1006	45.9	30	140	27	62	2.8
7	0.10	24	2142	97.8	19	5.5	163	868	39.6	31	190	19	35	1.5
8	0.20	11	2118	96.7	20	7.4	114	795	32.2	32	260	15	16	.7
9	0.30	11	2107	96.2	21	9.9	79	591	27.0	33	350	1	1	
10	0.40	11	2096	95.7	22	13.0	50	512	23.4	34				
11	0.50	35	2085	95.2	23	18.0	54	462	21.1					

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WEST MUDDY CREEK NEAR BOWIE, CO.

YEAR	1	3	7	15	30	60	90	120	183
1969	317.0 3	294.0 3	241.0 3	216.0 3	161.0 3	107.0 3	87.0 1	68.0 1	46.0 1
1970	360.0 1	337.0 1	292.0 2	243.0 2	174.0 2	108.0 2	76.0 4	58.0 4	40.0 4
1971	164.0 5	149.0 5	135.0 5	132.0 5	112.0 4	98.0 4	78.0 3	61.0 3	42.0 2
1972	82.0 6	76.0 6	65.0 6	58.0 6	56.0 6	47.0 6	38.0 6	30.0 6	21.0 6
1973	345.0 2	329.0 2	299.0 1	250.0 1	179.0 1	116.0 1	82.0 2	63.0 2	42.0 3
1974	194.0 4	171.0 4	149.0 4	137.0 4	101.0 5	63.0 5	46.0 5	36.0 5	24.0 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
WEST MUDDY CREEK NEAR BOWIE, CO.

YEAR	1	3	7	14	30	60	90	120	183
1970	0.98 5	1.19 5	1.19 5	1.19 4	1.30 4	1.40 3	1.50 3	1.90 3	4.20 4
1971	0.92 4	0.95 4	1.10 4	2.10 5	2.80 5	4.10 5	5.50 5	5.70 5	6.00 5
1972	0.08 2	0.08 2	0.13 2	0.19 2	0.57 2	1.40 4	1.90 4	2.60 4	2.80 3
1973	0.02 1	0.03 1	0.07 1	0.12 1	0.18 1	0.49 1	0.70 1	1.60 2	2.10 2
1974	0.70 3	0.80 3	0.83 3	0.89 3	0.91 3	0.93 2	0.96 2	1.00 1	1.40 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)											
4.62	4.56	3.13	2.66	2.57	6.03	50.1	110	36.9	6.31	1.89	3.16
8.10	7.51	3.36	3.83	2.76	24.5	1569	2490	359	20.0	2.19	12.0
2.85	2.74	1.83	1.96	1.66	4.95	39.6	49.9	19.0	4.48	1.48	3.47
1.85	0.59	1.30	1.91	1.20	0.92	0.57	0.05	-0.32	0.27	-0.01	1.78
0.62	0.60	0.59	0.74	0.65	0.82	0.79	0.45	0.51	0.71	0.78	1.10
2.00	1.97	1.35	1.15	1.11	2.60	21.6	47.4	15.9	2.73	0.82	1.36

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)											
0.61	0.58	0.43	0.34	0.34	0.64	1.53	2.00	1.50	0.67	0.09	0.14
0.05	0.09	0.07	0.08	0.08	0.16	0.22	0.05	0.08	0.16	0.25	0.68
0.23	0.29	0.26	0.28	0.28	0.39	0.46	0.23	0.28	0.40	0.50	0.83
0.91	-0.44	-0.36	0.70	0.14	0.03	-0.60	-0.74	-0.76	-0.66	-0.73	-1.64
0.38	0.50	0.61	0.80	0.83	0.61	0.30	0.11	0.19	0.60	5.38	5.84
6.86	6.58	4.87	3.88	3.79	7.22	17.3	22.5	16.9	7.56	1.05	1.59

GUNNISON RIVER BASIN

09130800 WEST MUDDY CREEK NEAR BOWIE, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
19.4	32.9	5.73	-0.93	0.30	-0.403

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.27	0.02	0.15	-0.96	0.12	-0.405

09131100 COW CREEK NEAR PAONIA, COLO.

LOCATION.--Lat 39°06'15", long 107°35'02", Delta County, on right bank 40 ft (12 m) upstream from road culvert, 1.8 mi (2.9 km) upstream from Beaver Creek, and 16 mi (26 km) north of Paonia.

DRAINAGE AREA.--12.0 mi² (31.1 km²).

REMARKS.--Flow regulated by Overland Reservoir (capacity, 6,280 acre-ft or 7.74 hm³). Diversions by Overland ditch 3.6 mi (5.8 km) above station for use outside drainage.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
COW CREEK NEAR PAONIA, 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	
1969																		57	62	62	56	14	5	25	12	21	12		6	11	7	8	7			
1970																	7	45	72	31	53	33	17	18	42	12	7	10	9	6	3					
1971																		17	35	68	83	52	31	22	19	17	5	4	5	3	4					
1972								1	8	3		2		2	1	1	12	88	86	62	11	16	15	12	31	13	2									
1973									4	2	1	1	7	31	9	5	16	3	66	67	41	26	9		10	14	15	3	4	4	2	1	23	1		
1974			5	2	4	1	2	5	16	11	1	7	5	10	5	3	70	79	74	23	3	3	9	4	6	6	2	4	5							
1975			2	1		8			30	20	14	5	12	7	7	3	6	28	137	10	2	8	2	4	10	6	9	1	7	2	7	10	6	1		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2556	100.0	12	0.5	24	2400	93.9	24	12	139	423	16.5
1	0.01	0	2556	100.0	13	0.6	50	2376	93.0	25	16	80	284	11.1
2	0.02	7	2556	100.0	14	0.8	22	2326	91.0	26	21	40	284	7.9
3	0.03	3	2549	99.7	15	1.1	12	2304	90.1	27	27	28	164	6.4
4	0.04	4	2546	99.6	16	1.4	168	2292	89.7	28	35	41	136	5.3
5	0.05	9	2542	99.5	17	1.9	322	2124	83.1	29	46	22	95	3.7
6	0.07	2	2533	99.1	18	2.4	532	1802	70.5	30	60	24	73	2.8
7	0.09	6	2531	99.0	19	3.2	317	1270	49.7	31	78	18	49	1.9
8	0.10	58	2525	98.8	20	4.1	207	953	37.3	32	100	29	31	1.2
9	0.20	36	2467	96.5	21	5.4	143	746	29.2	33	130	2	2	
10	0.30	16	2431	95.1	22	7.1	108	603	23.6	34				
11	0.40	15	2415	94.5	23	9.2	72	495	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
COW CREEK NEAR PAONIA, CO.

YEAR	1	3	7	15	30	60	90	120	183
1969	89.0 3	88.0 3	79.0 3	75.0 3	54.0 3	36.0 3	31.0 3	24.0 3	18.0 3
1970	72.0 4	65.0 5	47.0 5	40.0 5	24.0 5	22.0 5	16.0 5	15.0 5	13.0 4
1971	67.0 5	67.0 4	60.0 4	46.0 4	29.0 4	24.0 4	19.0 4	16.0 4	12.0 5
1972	23.0 7	22.0 7	19.0 7	17.0 7	16.0 7	13.0 6	10.0 6	8.5 6	6.6 6
1973	133.0 2	124.0 1	118.0 2	117.0 1	100.0 1	64.0 1	44.0 1	34.0 1	23.0 1
1974	41.0 6	40.0 6	37.0 6	28.0 6	18.0 6	12.0 7	8.7 7	7.0 7	5.4 7
1975	142.0 1	124.0 2	119.0 1	82.0 2	77.0 2	50.0 2	36.0 2	27.0 2	18.0 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
COW CREEK NEAR PAONIA, CO.

YEAR	1	3	7	14	30	60	90	120	183
1970	1.70 5	1.80 5	1.80 5	1.90 4	2.00 4	2.20 4	2.30 5	2.50 4	4.60 5
1971	2.00 6	2.00 6	2.40 6	2.80 6	3.00 6	3.30 6	3.50 6	3.70 6	4.50 4
1972	1.50 4	1.60 4	1.70 4	1.90 5	2.00 5	2.10 3	2.20 3	2.40 3	3.00 3
1973	0.09 2	0.12 2	0.15 2	0.18 2	0.80 3	2.30 5	2.30 4	2.80 5	4.70 6
1974	0.47 3	0.55 3	0.60 3	0.64 3	0.72 2	0.94 2	2.10 2	2.10 2	2.20 2
1975	0.02 1	0.02 1	0.02 1	0.08 1	0.13 1	0.26 1	0.73 1	1.10 1	1.70 1

09131100 COW CREEK NEAR PAONIA, 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)											
5.02	4.91	3.58	2.74	2.56	2.09	6.52	20.2	34.0	11.5	2.65	6.09
8.61	10.7	3.57	0.64	0.36	0.49	44.1	110	1035	200	4.43	65.6
2.93	3.27	1.89	0.80	0.60	0.70	6.64	10.5	32.2	14.1	2.11	8.10
1.84	1.50	1.96	0.82	1.13	-0.59	2.01	2.26	1.62	2.15	0.26	2.35
0.58	0.67	0.53	0.29	0.23	0.33	1.02	0.52	0.95	1.23	0.79	1.33
4.93	4.82	3.51	2.69	2.52	2.05	6.40	19.8	33.4	11.3	2.61	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)											
0.65	0.62	0.51	0.42	0.40	0.29	0.64	1.27	1.36	0.76	0.25	0.52
0.05	0.07	0.04	0.01	0.01	0.03	0.19	0.03	0.19	0.41	0.21	0.29
0.21	0.27	0.19	0.12	0.10	0.18	0.43	0.18	0.43	0.64	0.46	0.53
1.09	0.52	1.23	0.45	0.87	-1.61	-0.11	1.61	-0.14	-0.88	-0.41	-0.06
0.33	0.43	0.37	0.29	0.24	0.61	0.68	0.14	0.32	0.84	1.85	1.04
8.46	8.04	6.67	5.49	5.20	3.80	8.31	16.5	17.7	9.89	3.25	6.71

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
8.49	12.5	3.53	-0.01	0.42	-0.757

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.89	0.04	0.21	-0.81	0.24	-0.730

09131200 WEST MUDDY CREEK NEAR SOMERSET, COLO.

LOCATION.--Lat 39°05'23", long 107°30'17", Delta County, on right bank 300 ft (91 m) downstream from Cow Creek, 1.5 mi (2.4 km) southeast of West Muddy Ranger Station, and 13 mi (21 km) north of Somerset.

DRAINAGE AREA.--49.9 mi² (129.2 km²).

REMARKS.--Small diversions above station for irrigation of hay meadows. Some regulation by Overland Reservoir (Capacity, 6,280 acre-ft or 7.74 hm³) on Cow Creek above station. Diversion above station for use outside Muddy Creek drainage by Overland ditch.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WEST MUDDY CREEK NEAR SOMERSET, 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																																					
1962					1	1	2	9	4	2	7	4	6	7	7	70	51	68	13	8	6	7	4	5	3	17	29	9	5	9	4	6	1				
1963		1	2		2			1	5	10	17	14	76	67	52	16	14	9	11	9	10	4	21	16	6	2											
1964						75	34	22	20	29	53	23	18	16	3	2	5	12	1	4	8	13	6	5	4	1	3	4	5								
1965						106	15	21	16	35	4	16	16	15	5	12	8	6	4	7	14	9	12	15	3	11	4	8	3								
1966									3	6	17	30	23	110	37	27	22	7	7	14	5	7	8	12	16	5	7	2									
1967								1	6	7	25	79	61	28	22	16	19	12	3	5	27	22	24	8													
1968												118	51	47	13	7	24	25	15	5	5	8	3	3	5	15	15	4	3								
1969												27	69	64	40	22	24	15	7	7	14	9	14	14	2	6	14	7	3								
1970												11	112	76	19	30	34	7	11	4	11	8	4	7	9	6	5	7	4								
1971										1	6	11	11	19	19	51	59	54	30	5	1	10	12	24	13	10	11	12	5	1							
1972							3	11	32	11	15	10	33	48	62	30	7	12	11	27	12	10	24	7	1												
1973								3	4	5	18	25	78	70	30	21	11	16	13	6	6	6		1	6	4	13	13	3	4	8	1					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4383	100.0	12	3.2	400	3614	82.5	24	78	84	473	10.7
1	0.10	1	4383	100.0	13	4.2	438	3214	73.3	25	100	95	389	8.8
2	0.20	2	4382	100.0	14	5.4	553	2776	63.3	26	130	79	294	6.7
3	0.30	0	4380	99.9	15	7.1	433	2223	50.7	27	170	82	215	4.9
4	0.40	3	4380	99.9	16	9.2	268	1790	40.8	28	230	56	133	3.0
5	0.50	1	4377	99.9	17	12.0	287	1522	34.7	29	290	43	77	1.7
6	0.60	78	4376	99.8	18	16.0	193	1235	28.2	30	380	18	34	.7
7	0.80	158	4298	98.1	19	21.0	93	1042	23.8	31	500	14	16	.3
8	1.10	65	4140	94.5	20	27.0	94	949	21.7	32	650	2	2	
9	1.40	106	4075	93.0	21	35.0	119	855	19.5	33				
10	1.90	101	3969	90.6	22	46.0	137	736	16.8	34				
11	2.40	254	3868	88.3	23	60.0	126	599	13.7					

09131200 WEST MUDDY CREEK NEAR SOMERSET, 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
WEST MUDDY CREEK NEAR SOMERSET, CO.

YEAR	1	3	7	15	30	60	90	120	183
1962	660.0 1	620.0 1	573.0 1	436.0 2	364.0 1	254.0 2	205.0 1	160.0 1	109.0 1
1963	81.0 12	78.0 12	70.0 12	62.0 12	52.0 12	43.0 12	33.0 12	26.0 12	18.0 12
1964	351.0 6	342.0 6	311.0 6	243.0 6	159.0 8	99.0 9	70.0 9	53.0 9	36.0 9
1965	395.0 5	393.0 5	361.0 4	287.0 5	249.0 4	173.0 3	133.0 4	103.0 4	70.0 4
1966	240.0 9	230.0 9	217.0 9	178.0 9	141.0 9	107.0 8	80.0 8	63.0 8	43.0 8
1967	99.0 11	91.0 11	76.0 11	71.0 11	65.0 11	60.0 10	53.0 10	43.0 10	31.0 10
1968	323.0 7	301.0 7	271.0 7	239.0 7	200.0 6	145.0 6	103.0 7	82.0 7	57.0 7
1969	470.0 3	440.0 3	341.0 5	302.0 4	257.0 3	167.0 4	142.0 3	112.0 3	77.0 3
1970	410.0 4	403.0 4	364.0 3	325.0 3	238.0 5	161.0 5	112.0 6	86.0 6	63.0 6
1971	299.0 8	281.0 8	239.0 8	216.0 8	174.0 7	144.0 7	116.0 5	92.0 5	64.0 5
1972	100.0 10	94.0 10	80.0 10	75.0 10	68.0 10	58.0 11	48.0 11	40.0 11	28.0 11
1973	654.0 2	618.0 2	560.0 2	480.0 1	338.0 2	258.0 1	180.0 2	137.0 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
WEST MUDDY CREEK NEAR SOMERSET, CO.

YEAR	1	3	7	14	30	60	90	120	183
1963	0.40 2	0.50 2	0.66 2	0.98 3	2.00 4	2.70 4	3.10 5	3.20 5	3.70 4
1964	0.10 1	0.17 1	0.41 1	0.60 1	0.60 1	0.60 1	0.63 1	0.72 1	1.30 1
1965	0.80 3	0.80 3	0.80 3	0.80 2	0.80 2	0.80 2	0.80 2	0.88 2	1.30 2
1966	2.80 7	2.80 7	2.80 7	2.90 7	6.00 9	6.20 9	6.40 9	6.80 9	8.70 9
1967	0.83 4	1.30 5	1.50 5	1.80 5	2.30 5	2.80 5	2.90 4	3.10 3	3.50 3
1968	2.90 8	2.90 8	3.30 8	3.70 8	3.80 7	3.80 6	3.80 6	3.90 6	4.40 5
1969	3.40 9	3.60 9	3.80 9	3.90 9	4.20 8	4.30 7	4.30 7	4.60 7	5.40 7
1970	5.90 11	5.90 11	5.90 11	6.00 11	6.20 10	6.60 10	6.70 10	7.00 10	9.50 10
1971	4.50 10	4.70 10	4.90 10	5.90 10	6.60 11	7.80 11	9.70 11	10.00 11	12.00 11
1972	1.80 6	1.90 6	2.10 6	2.50 6	3.30 6	4.90 8	6.20 8	6.60 8	7.30 8
1973	1.00 5	1.00 4	1.19 4	1.30 4	1.40 3	1.90 3	2.20 3	3.20 4	5.30 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)											
8.55	7.36	5.74	4.96	5.05	9.88	64.7	167	74.7	14.5	6.29	8.71
36.9	19.2	11.0	8.83	8.15	40.7	3176	7952	3084	163	19.8	69.3
6.07	4.38	3.32	2.97	2.86	6.38	56.4	89.2	55.5	12.7	4.45	8.33
0.77	0.29	-0.14	0.33	0.17	0.30	0.97	-0.09	1.24	1.25	1.91	2.37
0.71	0.60	0.58	0.60	0.56	0.65	0.87	0.53	0.74	0.88	0.71	0.96
2.27	1.95	1.52	1.32	1.34	2.62	17.1	44.2	19.8	3.85	1.67	2.31

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	0.77	0.65	0.58	0.60	0.87	1.64	2.14	1.74	0.99	0.72	0.81
0.11	0.11	0.15	0.15	0.14	0.16	0.18	0.10	0.16	0.18	0.08	0.11
0.34	0.32	0.39	0.38	0.38	0.40	0.42	0.32	0.40	0.42	0.28	0.32
-0.09	-0.74	-1.26	-1.29	-1.47	-1.18	-0.05	-1.08	-0.81	-0.19	0.21	0.82
0.41	0.42	0.60	0.66	0.64	0.46	0.26	0.15	0.23	0.43	0.39	0.40
6.66	6.28	5.24	4.73	4.84	7.05	13.3	17.4	14.1	8.05	5.81	6.60

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
31.6	209	14.4	0.39	0.46	-0.358

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.45	0.05	0.22	-0.44	0.15	-0.294

GUNNISON RIVER BASIN

09131500 MUDDY CREEK AT BARDINE, COLO.

LOCATION.--Lat 38°56'24", long 107°21'27", in NW¼NE¼ sec.8, T.13 S., R.89 W., Gunnison County, on right bank 30 ft (9 m) downstream from bridge on State Highway 135 at Bardine, 0.2 mi (0.3 km) upstream from confluence with Ruby Anthracite Creek, 1.5 mi (2.4 km) downstream from Deep Creek, and 6.0 mi (9.7 km) east of Somerset.

DRAINAGE AREA.--257 mi² (666 km²).

REMARKS.--Natural flow of stream affected by small diversions for irrigation in nearby drainage areas, irrigation of about 2,500 acres (10.1 km²) above station, and storage in Overland Reservoir (capacity, 6,280 acre-ft or 7.74 hm³).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MUDDY CREEK AT BARDINE, CO.

CLASS YEAR	NUMBER OF DAYS IN CLASS																																				
	0	1	2	3	4	5	6	7	8	9	10	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	46	108	48	25	14	10	7	7	6	3	2	2	6	5	11	8	7	8	4	6	14	3											
1952		1	5	26	97	47	15	9	9	12	14	10	14	7	6	5	3	3	2	6	5	5	4	5	5	17	9	6	3	5	6	2	3				
1953			1	16	32	51	99	32	18	11	10	13	8	7	1	2	3	3	9	9	6	8	9	3	2	4	6	2									
1954	6	3	5	39	58	91	50	25	14	2	9	4	3	3	2	4	12	8	12	5	8	2															
1955		2	14	34	61	49	45	28	15	16	4	7	4	4	3	4	7	3	10	13	7	6	5	9	4	2	4	4	1								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1826	100.0	12	56.0	45	492	26.9	24	440	22	129	7.0
1	8.30	6	1826	100.0	13	66.0	31	447	24.5	25	520	25	107	5.8
2	10.00	5	1820	99.7	14	78.0	31	416	22.8	26	620	14	82	4.4
3	12.00	21	1815	99.4	15	93.0	15	385	21.1	27	730	27	68	3.7
4	14.00	109	1794	98.2	16	110.0	18	370	20.3	28	870	15	41	2.2
5	17.00	223	1685	92.3	17	130.0	33	352	19.3	29	1000	7	26	1.4
6	20.00	396	1462	80.1	18	160.0	22	319	17.5	30	1200	3	19	1.0
7	24.00	289	1066	58.4	19	180.0	45	297	16.3	31	1500	5	16	.8
8	28.00	125	777	42.6	20	220.0	37	252	13.8	32	1700	6	11	.6
9	33.00	70	652	35.7	21	260.0	34	215	11.8	33	2000	2	5	.2
10	39.00	48	582	31.9	22	310.0	29	181	9.9	34	2400	3	3	.1
11	47.00	42	534	29.2	23	370.0	23	152	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
MUDDY CREEK AT BARDINE, CO.

YEAR	1	3	7	15	30	60	90	120	183
1951	636.0 4	626.0 4	585.0 4	562.0 4	513.0 4	380.0 4	292.0 4	230.0 4	159.0 4
1952	2610.0 1	2480.0 1	2260.0 1	1930.0 1	1530.0 1	1150.0 1	873.0 1	676.0 1	463.0 1
1953	976.0 3	914.0 2	850.0 3	730.0 3	552.0 3	401.0 3	294.0 3	232.0 3	163.0 3
1954	324.0 5	314.0 5	301.0 5	274.0 5	236.0 5	182.0 5	135.0 5	107.0 5	78.0 5
1955	1010.0 2	903.0 3	874.0 2	745.0 2	602.0 2	429.0 2	330.0 2	258.0 2	178.0 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
MUDDY CREEK AT BARDINE, CO.

YEAR	1	3	7	14	30	60	90	120	183
1951	15.00 5	17.00 5	18.00 5	18.00 5	19.00 4	20.00 4	21.00 4	22.00 4	23.00 4
1952	12.00 2	14.00 2	16.00 3	16.00 3	17.00 3	19.00 2	19.00 2	20.00 2	21.00 3
1953	13.00 3	14.00 3	17.00 4	18.00 4	21.00 5	22.00 5	22.00 5	22.00 5	25.00 5
1954	13.00 4	14.00 4	14.00 2	15.00 2	16.00 1	19.00 3	20.00 3	20.00 3	20.00 1
1955	8.40 1	8.40 1	9.00 1	11.00 1	16.00 2	17.00 1	18.00 1	19.00 1	21.00 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,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
23.8	23.4	21.2	20.4	21.5	31.5	266	614	252	43.6	37.1	21.5
32.2	6.30	5.81	4.41	4.36	15.3	50630	210500	31490	753	562	73.8
5.68	2.51	2.41	2.10	2.09	3.91	225	459	177	27.4	23.7	8.59
1.04	-0.44	-0.65	0.33	-1.74	0.25	2.16	1.55	0.61	2.02	1.86	1.84
0.24	0.11	0.11	0.10	0.10	0.12	0.84	0.75	0.70	0.63	0.64	0.40
1.73	1.70	1.54	1.48	1.56	2.29	19.4	44.6	18.3	3.17	2.70	1.56

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,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.37	1.37	1.32	1.31	1.33	1.50	2.34	2.69	2.27	1.59	1.51	1.31
0.01	0.00	0.00	0.00	0.00	0.00	0.08	0.11	0.20	0.05	0.06	0.02
0.10	0.05	0.05	0.04	0.04	0.05	0.28	0.33	0.44	0.22	0.24	0.15
0.78	-0.63	-0.66	0.26	-1.83	0.12	1.87	-0.19	-1.41	1.52	1.15	1.40
0.07	0.03	0.04	0.03	0.03	0.04	0.12	0.12	0.20	0.14	0.16	0.12
6.87	6.87	6.66	6.57	6.68	7.52	11.7	13.5	11.4	7.97	7.60	6.58

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
115	5514	74.3	1.81	0.65	-0.166

GUNNISON RIVER BASIN

09131500 MUDDY CREEK AT BARDINE, COLO.--Continued

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN 2.00	VARIANCE 0.06	STANDARD DEVIATION 0.25	SKEWNESS 0.74	COEFF. OF VARIATION 0.12	SERIAL CORR -0.075
--------------	------------------	----------------------------	------------------	-----------------------------	-----------------------

09132000 RUBY ANTHRACITE CREEK NEAR FLORESTA, COLO.

LOCATION.--Lat 38°51'47", long 107°09'48", Gunnison County, on right bank 300 ft (91 m) downstream from highway bridge, 1.1 mi (1.8 km) downstream from Bracken Creek, 2.6 mi (4.2 km) northwest of old Floresta, and 10 mi (16 km) west of Crested Butte.

DRAINAGE AREA.--20.7 mi² (53.6 km²).

REMARKS.--One small diversion above station to Coal Creek in East River basin.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN

RUBY ANTHRACITE CREEK NEAR FLORESTA, 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								11	118	64	12	11	16	13	9	11	5	7	6	6	3	6	4	5	6	1	1	7	21	20	2						
1940	33	28	16	17	18	13	24	28	32	20	6	10	15	8	9	7	4	5	2	4	6	4	3	5	2	9	11	15	12								
1941						60	66	38	13	13	8	11	3	22	9	34	2	3	2	3	4	2	2	1	10	4	7	35	6	7							
1942					1	9	34	66	11	7	38	6	21	6	20	30	14	9	10	7	10	3	7	9	5	6	3	6	14	11	2						
1943						7112	53	2	3	11	6	5	8	6	14	13	14	6	8	7	4	5	10	8	4	11	19	12	0								
1955					58	24	45	23	14	12	10	6	18	5	6	10	11	22	11	14	5	5	4	4	6	8	13	10	15	4	2						
1956					7	68	89	26	18	11	7	10	21	6	5	3	10	7	1	2	1	9	7	4	5	3	8	7	8	13	6	3	1				
1957					3	13120	54	2	1	5	2	13	11	5	7	4	7	5	3	6	10	8	5	6	3	7	8	4	9	9	13	12					
1958						2	52	89	42	42	10	13	11	2	5	2	6	12	4	8	2	3	4	3	1	3	9	7	10	3	8	10	2				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	3287	100.0	12	6.0	142	1459	44.4	24	74	50	569	17.3
1	0.60	33	3287	100.0	13	7.4	86	1317	40.1	25	91	36	519	15.7
2	0.70	28	3254	99.0	14	9.1	65	1231	37.5	26	110	60	483	14.6
3	0.90	16	3226	98.1	15	11.0	87	1166	35.5	27	140	73	423	12.8
4	1.10	85	3210	97.7	16	14.0	81	1079	32.8	28	170	99	350	10.6
5	1.40	130	3125	95.1	17	17.0	131	998	30.4	29	210	121	251	7.6
6	1.70	382	2995	91.1	18	21.0	62	867	26.4	30	260	50	130	3.9
7	2.10	312	2613	79.5	19	26.0	51	805	24.5	31	320	38	80	2.4
8	2.60	371	2301	70.0	20	32.0	47	754	22.9	32	390	27	42	1.2
9	3.20	269	1930	58.7	21	39.0	55	707	21.5	33	480	14	15	.4
10	3.90	131	1661	50.5	22	49.0	48	652	19.8	34	600	1	1	
11	4.90	71	1530	46.5	23	60.0	35	604	18.4					

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

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN

RUBY ANTHRACITE CREEK NEAR FLORESTA, CO.

YEAR	1	3	7	15	30	60	90	120	183
1939	298.0 7	277.0 7	255.0 7	236.0 7	226.0 7	186.0 6	136.0 6	104.0 6	71.0 6
1940	242.0 9	238.0 9	226.0 9	207.0 8	202.0 8	154.0 8	112.0 8	86.0 9	58.0 9
1941	371.0 6	347.0 5	338.0 4	278.0 5	245.0 5	242.0 3	185.0 2	144.0 2	97.0 2
1942	420.0 3	399.0 3	353.0 3	329.0 3	320.0 3	227.0 4	167.0 4	131.0 4	88.0 4
1943	401.0 5	335.0 6	308.0 6	261.0 6	230.0 6	187.0 5	154.0 5	121.0 5	84.0 5
1955	268.0 8	256.0 8	237.0 8	203.0 9	175.0 9	147.0 9	110.0 9	88.0 8	59.0 8
1956	411.0 4	373.0 4	318.0 5	282.0 4	247.0 4	180.0 7	131.0 7	100.0 7	67.0 7
1957	600.0 1	593.0 1	574.0 1	508.0 1	448.0 1	363.0 1	272.0 1	215.0 1	144.0 1
1958	558.0 2	516.0 2	448.0 2	425.0 2	358.0 2	251.0 2	177.0 3	136.0 3	90.0 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

RUBY ANTHRACITE CREEK NEAR FLORESTA, CO.

YEAR	1	3	7	14	30	60	90	120	183
1940	0.60 1	0.60 1	0.60 1	0.60 1	0.61 1	0.67 1	0.80 1	1.00 1	1.90 1
1941	2.10 6	2.20 6	2.20 6	2.50 6	2.50 6	2.50 6	2.70 6	2.80 6	4.00 6
1942	2.50 7	2.60 7	2.90 7	3.00 7	3.00 7	3.30 7	3.30 7	4.00 7	8.50 7
1943	1.60 4	1.60 4	1.60 4	1.70 4	1.80 4	1.90 4	1.90 4	1.90 3	2.00 4
1956	1.19 2	1.30 3	1.40 3	1.40 2	1.50 2	1.70 2	1.80 2	1.90 4	1.90 2
1957	1.19 3	1.19 2	1.30 2	1.50 3	1.60 3	1.70 3	1.80 3	1.80 2	1.90 3
1958	1.80 5	1.80 5	1.80 5	2.10 5	2.20 5	2.30 5	2.50 5	2.70 5	3.00 5

09132000 RUBY ANTHRACITE CREEK NEAR FLORESTA, 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)											
6.63	3.73	2.63	2.18	2.02	2.61	27.4	179	220	62.4	12.0	5.79
43.3	10.9	1.95	0.60	0.63	0.40	402	2509	7865	8166	157	10.4
6.58	3.30	1.40	0.78	0.79	0.63	20.0	50.1	88.7	90.4	12.5	3.22
1.80	2.76	2.03	-0.06	-0.52	-0.39	2.10	-0.46	1.36	2.82	2.52	0.25
0.99	0.89	0.53	0.36	0.39	0.24	0.73	0.28	0.40	1.45	1.04	0.56
1.26	0.71	0.50	0.41	0.38	0.50	5.20	34.0	41.8	11.9	2.28	1.10

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)											
0.66	0.48	0.38	0.31	0.26	0.40	1.35	2.23	2.31	1.58	0.95	0.69
0.15	0.07	0.04	0.03	0.05	0.01	0.08	0.02	0.03	0.16	0.11	0.08
0.38	0.26	0.19	0.18	0.22	0.11	0.29	0.14	0.16	0.40	0.33	0.27
0.60	1.85	1.01	-0.91	-1.38	-0.64	0.00	-1.03	0.54	1.51	1.22	-0.34
0.58	0.53	0.51	0.57	0.84	0.28	0.21	0.06	0.07	0.25	0.35	0.40
5.70	4.17	3.26	2.67	2.27	3.48	11.6	19.2	19.9	13.6	8.14	5.96

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
43.9	177	13.3	1.36	0.30	-0.025

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.63	0.01	0.12	0.71	0.07	0.015

09132500 NORTH FORK GUNNISON RIVER NEAR SOMERSET, COLO.

LOCATION.--Lat 38°55'45", long 107°26'53", in SW¼SE¼ sec.9, T.13 S., R.90 W., Gunnison County, on right bank 1.5 mi (2.4 km) east of Somerset and 4.5 mi (7.2 km) upstream from Hubbard Creek.

DRAINAGE AREA.--532 mi² (1,378 km²).

REMARKS.--Natural flow of stream affected by small diversions for irrigation in nearby drainage areas, irrigation of about 3,000 acres (12.1 km²) above station, storage in Overland Reservoir (capacity, 6,280 acre-ft or 7.74 hm³), and storage in Paonia Reservoir (capacity, 18,300 acre-ft or 22.6 hm³) since February 1961. Statistical summaries are shown for two periods, water years 1935-60 and water years 1962-75.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN	NORTH FORK GUNNISON RIVER NEAR SOMERSET, CO.																																					
CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	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						13	30	26	9	12	23	17	18	11	6	5	3	3	5	9	9	10	4	4	5	13	9	7	14									
1936					3	39	45	25	45	26	30	23	20	8	2	9	4	5	3	3	4	5	5	6	10	7	12	16	8	3								
1937			1		7	60	66	39	22	25	16	20	7	2	8	7	4	4	4	4	3	12	15	6	11	4	5	2	6	6	3							
1938			1	1	4	5	30	51	35	39	30	33	20	10	7	1	4	7	5	3	1	3	6	11	8	4	11	11	16	7	1							
1939					3	28	56	25	55	43	17	18	9	8	8	6	12	6	7	7	3	8	6	10	10	12	8											
1940					10	19	73	75	33	13	12	13	11	11	11	10	3	4	3	4	4	4	6	7	3	11	16	7	6	1								
1941						13	49	48	29	17	21	13	30	22	12	11	4	12	5	2	5	5	2	3	8	9	16	11	6	6	3	3						
1942							6	24	59	52	21	17	32	14	15	14	8	6	5	7	5	1	4	10	12	13	18	11	6	5								
1943			1	3	8	50	66	26	16	21	12	16	24	5	6	7	8	7	4	3	10	6	20	17	11	7	9	2										
1944					1	2	13	93	43	45	21	19	6	5	9	8	9	9	6	8	3	3	1	2	4	6	11	11	10	11	3	4						
1945						1	7	85	46	39	24	18	11	8	6	6	12	7	9	6	5	6	5	5	8	18	8	13	8	4								
1946							2	49	69	38	51	28	11	7	10	9	4	4	5	7	5	7	12	11	12	20	4											
1947			1	2	2	9	47	51	35	18	22	21	29	17	9	4	6	3	5	3	7	5	8	22	18	9	3	1	8									
1948								25	55	57	22	24	29	22	10	4	4	2	8	7	5	2	4	5	7	11	16	8	9	3								
1949			1	1	2	15	93	60	24	27	10	15	4	1	4	9	7	4	6	3	5	3	4	12	15	21	15	4										
1950						7	10	46	95	40	29	17	5	3	4	4	6	2	3	10	2	6	3	12	10	23	10	9	9									
1951		1				2	7	18	96	49	32	22	11	12	10	6	9	2	3	4	5	6	9	12	13	13	12	7	2	2								
1952			1	1	1	1	8	69	84	11	18	10	10	9	11	18	7	7	2	3	5	7	5	7	5	6	12	10	14	15	8	1						
1953					6	8	32	74	52	31	19	11	16	17	6	9	5	5	6	8	13	4	6	6	4	6	5	13	2	1								
1954					2	5	12	63	65	45	26	21	15	13	11	5	5	12	14	6	9	7	14	9	6													
1955						2	6	56	66	26	21	20	18	26	21	7	7	4	5	5	5	9	5	12	14	12	11	4	3									
1956						4	31	61	76	35	16	15	8	11	5	7	9	6	9	4	4	6	5	4	11	10	14	10	4	1								
1957			1	4	32	76	22	11	14	13	14	15	9	8	11	7	5	8	6	6	6	6	5	7	13	11	8	10	17	12	1	5	2					
1958								14	48	28	73	36	44	25	8	4	4	2	3	4	1	2	8	6	14	3	2	10	10	16								
1959						2	18	71	86	15	20	30	9	14	11	8	9	3	3	7	4	4	7	8	12	18	2	4										
1960						1	10	86	41	27	11	16	26	35	6	6	7	6	5	3	3	5	10	9	19	18	10	1	3	2								

09132500 NORTH FORK GUNNISON RIVER NEAR SOMERSET, COLO.--Continued

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

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	9497	100.0	12	120.0	456	4236	44.6	24	1000	203	1486	15.6
1	17.00	1	9497	100.0	13	140.0	472	3780	39.8	25	1200	267	1283	13.5
2	20.00	0	9496	100.0	14	170.0	353	3308	34.8	26	1500	274	1016	10.6
3	24.00	1	9496	100.0	15	210.0	211	2955	31.1	27	1800	215	742	7.8
4	29.00	9	9495	100.0	16	250.0	217	2744	28.9	28	2100	208	527	5.5
5	35.00	48	9486	99.9	17	300.0	153	2527	26.6	29	2500	140	319	3.3
6	41.00	245	9438	99.4	18	350.0	157	2374	25.0	30	3000	118	179	1.8
7	50.00	967	9193	96.8	19	420.0	126	2217	23.3	31	3600	44	61	.6
8	59.00	1445	8226	86.6	20	500.0	144	2091	22.0	32	4300	10	17	.1
9	71.00	1064	6781	71.4	21	600.0	135	1947	20.5	33	5100	5	7	.1
10	85.00	741	5717	60.2	22	720.0	165	1812	19.1	34	6100	2	2	.0
11	100.00	740	4976	52.4	23	860.0	161	1647	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
NORTH FORK GUNNISON RIVER NEAR SOMERSET, CO.

YEAR	1	3	7	15	30	60	90	120	183
1935	2820.0 15	2800.0 14	2760.0 12	2540.0 12	2360.0 12	1840.0 14	1430.0 14	1130.0 14	785.0 14
1936	3300.0 11	3230.0 11	2680.0 13	2540.0 13	2420.0 11	2010.0 10	1560.0 11	1230.0 12	846.0 13
1937	3800.0 8	3630.0 8	3440.0 8	3150.0 8	2450.0 9	1730.0 15	1340.0 15	1070.0 16	738.0 16
1938	4300.0 5	4100.0 5	3630.0 6	3350.0 5	3170.0 3	2680.0 3	2130.0 3	1670.0 3	1140.0 3
1939	2430.0 22	2370.0 22	2270.0 19	2110.0 18	1900.0 17	1490.0 17	1150.0 18	922.0 17	646.0 17
1940	2500.0 21	2480.0 20	2340.0 18	2150.0 17	1860.0 18	1460.0 19	1090.0 22	865.0 22	595.0 23
1941	4800.0 3	4530.0 3	4060.0 3	3430.0 4	2960.0 5	2340.0 7	1790.0 7	1420.0 6	979.0 6
1942	3950.0 6	3830.0 6	3630.0 7	3160.0 7	2860.0 7	2380.0 5	2010.0 4	1600.0 4	1100.0 4
1943	2570.0 19	2500.0 18	2420.0 16	2230.0 16	1810.0 19	1560.0 16	1330.0 16	1080.0 15	768.0 15
1944	4950.0 2	4710.0 2	4130.0 2	3640.0 3	3210.0 2	2580.0 4	1910.0 5	1500.0 5	1020.0 5
1945	3220.0 12	3210.0 12	3020.0 11	2690.0 11	2430.0 10	2030.0 9	1600.0 9	1280.0 9	891.0 9
1946	1990.0 25	1900.0 25	1850.0 24	1700.0 24	1470.0 24	1310.0 23	1070.0 23	861.0 23	604.0 22
1947	3440.0 10	3380.0 10	3290.0 10	2710.0 10	2200.0 13	1860.0 13	1520.0 13	1210.0 13	858.0 11
1948	3840.0 7	3800.0 7	3640.0 5	3180.0 6	2840.0 8	2370.0 6	1800.0 6	1410.0 7	971.0 7
1949	2580.0 18	2420.0 21	2200.0 21	2060.0 19	1940.0 16	1920.0 11	1580.0 10	1260.0 10	866.0 10
1950	2820.0 16	2780.0 15	2660.0 14	2380.0 14	2170.0 14	1870.0 12	1550.0 12	1240.0 11	848.0 12
1951	2740.0 17	2540.0 17	2220.0 20	2000.0 20	1700.0 21	1410.0 21	1150.0 17	914.0 18	639.0 18
1952	4340.0 4	4150.0 4	3930.0 4	3720.0 2	3050.0 4	2790.0 2	2250.0 2	1790.0 2	1240.0 2
1953	3140.0 13	2870.0 13	2560.0 15	2360.0 15	2070.0 15	1420.0 20	1100.0 21	876.0 21	617.0 21
1954	1060.0 26	1040.0 26	1010.0 26	966.0 26	827.0 26	685.0 26	554.0 26	452.0 26	330.0 26
1955	2370.0 23	2200.0 23	2040.0 23	1800.0 23	1560.0 23	1310.0 24	1040.0 24	833.0 24	588.0 24
1956	2560.0 20	2490.0 19	2140.0 22	1860.0 21	1790.0 20	1470.0 18	1120.0 20	894.0 20	619.0 20
1957	6380.0 1	6170.0 1	5910.0 1	4890.0 1	4120.0 1	3330.0 1	2800.0 1	2270.0 1	1570.0 1
1958	3490.0 9	3370.0 10	3300.0 9	3090.0 9	2900.0 6	2230.0 8	1690.0 8	1320.0 8	908.0 8
1959	2040.0 24	1960.0 24	1740.0 25	1370.0 25	1300.0 25	1110.0 25	841.0 25	670.0 25	473.0 25
1960	2820.0 14	2680.0 16	2360.0 17	1840.0 22	1630.0 22	1340.0 22	1130.0 19	905.0 19	628.0 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
NORTH FORK GUNNISON RIVER NEAR SOMERSET, CO.

YEAR	1	3	7	14	30	60	90	120	183
1935	28.00 3	34.00 1	36.00 1	41.00 2	46.00 4	49.00 3	50.00 2	52.00 2	51.00 1
1936	39.00 17	39.00 9	41.00 4	42.00 3	45.00 1	49.00 4	50.00 3	55.00 6	67.00 9
1937	34.00 10	45.00 17	49.00 12	53.00 14	54.00 11	56.00 11	58.00 11	60.00 10	67.00 10
1938	30.00 5	38.00 7	56.00 17	64.00 21	66.00 22	68.00 22	72.00 22	78.00 23	86.00 22
1939	48.00 22	49.00 20	50.00 13	50.00 10	54.00 12	58.00 13	62.00 14	70.00 20	81.00 21
1940	35.00 11	38.00 8	39.00 2	40.00 1	45.00 2	48.00 1	51.00 4	54.00 3	62.00 6
1941	42.00 19	43.00 14	48.00 10	49.00 8	50.00 7	53.00 8	56.00 8	60.00 11	75.00 16
1942	70.00 26	73.00 26	82.00 26	86.00 26	89.00 25	92.00 25	94.00 26	101.00 26	152.00 26
1943	33.00 8	36.00 2	42.00 5	47.00 6	51.00 8	55.00 10	56.00 9	59.00 9	66.00 7
1944	35.00 12	52.00 21	57.00 20	59.00 18	63.00 19	63.00 16	63.00 15	67.00 16	76.00 17
1945	46.00 21	52.00 22	60.00 22	64.00 22	65.00 20	67.00 21	67.00 20	69.00 17	73.00 14
1946	56.00 23	61.00 23	64.00 23	65.00 23	67.00 23	69.00 23	72.00 23	77.00 22	87.00 23
1947	33.00 9	37.00 3	57.00 21	59.00 19	60.00 18	64.00 19	66.00 18	71.00 21	78.00 18
1948	64.00 25	72.00 25	78.00 25	85.00 25	90.00 26	92.00 26	93.00 25	97.00 24	118.00 25
1949	30.00 6	48.00 19	56.00 18	56.00 17	59.00 15	63.00 17	64.00 16	64.00 14	67.00 8
1950	42.00 20	44.00 15	51.00 16	55.00 15	60.00 16	63.00 18	66.00 19	69.00 18	75.00 15
1951	17.00 1	37.00 4	50.00 14	56.00 16	60.00 17	62.00 15	64.00 17	65.00 15	71.00 11
1952	28.00 2	40.00 10	57.00 19	61.00 20	65.00 21	66.00 20	69.00 21	70.00 19	71.00 12
1953	35.00 13	37.00 5	49.00 11	52.00 13	58.00 14	60.00 14	61.00 13	62.00 12	72.00 13
1954	30.00 7	38.00 6	40.00 3	45.00 5	49.00 5	51.00 5	55.00 7	58.00 7	60.00 4
1955	38.00 16	42.00 13	47.00 8	51.00 11	55.00 13	57.00 12	58.00 12	62.00 13	79.00 19
1956	35.00 14	45.00 18	50.00 15	50.00 9	52.00 9	54.00 9	57.00 10	58.00 8	60.00 5
1957	29.00 4	41.00 11	42.00 6	43.00 4	45.00 3	48.00 2	49.00 1	49.00 1	54.00 2
1958	60.00 24	65.00 24	70.00 24	75.00 24	76.00 24	81.00 24	90.00 24	99.00 25	113.00 24
1959	35.00 15	42.00 12	46.00 7	45.00 7	50.00 6	51.00 6	53.00 5	54.00 4	60.00 3
1960	40.00 18	44.00 16	48.00 9	51.00 12	52.00 10	52.00 7	53.00 6	55.00 5	79.00 20

09132500 NORTH FORK GUNNISON RIVER NEAR SOMERSET, COLO.--Continued

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
99.5	82.4	67.4	62.7	67.7	111	741	2017	1474	396	147	97.7
2715	965	306	137	188	593	117900	388300	532600	105700	5310	891
52.1	31.1	17.5	11.7	13.7	24.4	343	623	730	325	72.9	29.9
2.58	2.30	1.49	1.23	1.23	0.40	0.53	-0.09	1.82	3.55	2.81	0.73
0.52	0.38	0.26	0.19	0.20	0.22	0.46	0.31	0.50	0.82	0.50	0.31
1.85	1.54	1.26	1.17	1.26	2.06	13.8	37.6	27.5	7.38	2.74	1.82

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.96	1.89	1.82	1.79	1.82	2.03	2.82	3.28	3.12	2.52	2.13	1.97
0.03	0.02	0.01	0.01	0.01	0.01	0.04	0.02	0.04	0.06	0.03	0.02
0.18	0.13	0.10	0.08	0.08	0.10	0.21	0.15	0.21	0.25	0.16	0.13
0.95	1.41	0.93	0.73	0.74	-0.09	-0.03	-0.70	-0.43	0.87	1.26	0.06
0.09	0.07	0.06	0.04	0.05	0.05	0.07	0.05	0.07	0.10	0.08	0.07
7.21	6.97	6.69	6.59	6.71	7.49	10.4	12.1	11.5	9.27	7.85	7.26

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
448	18380	136	0.73	0.30	-0.001

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
2.63	0.02	0.13	-0.27	0.05	0.092

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
NORTH FORK GUNNISON RIVER NEAR SOMERSET, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1962				1	8	18	34	23	15	15	28	6	26	37	19	16	8	3	5	6	6	2	5	2	4	8	20	16	16	8	4	4	2		
1963	1	4	11	33	31	25	5	6	15	11	10	15	66	39	13	8	11	9	8	7	6	3	4	9	2	5									
1964	1	6	50	33	32	41	9	3	3	8	6	10	9	34	28	9	8	8	7	5	5	8	6	1	2	11	6	3	2	1	5	6			
1965		1	27	26	35	36	25	7			1	1	28	9	22	25	9	3	4	5	6	2	6	3	7	16	18	10	13	14	4	2			
1966				1	21	13	8	5	29	16	13	36	62	37	25	10	7	9	9	14	10	6	8	16	2	2	6								
1967				26	80	19	13	20	6	2	2	25	36	13	10	16	11	8	6	11	13	12	11	7	6	4	4	4							
1968				12	56	21	20	13	4	12	11	24	9	46	11	13	8	15	17	9	3	1	2	2	3	4	15	17	7	5	6				
1969				1	28	32	13	10	9	14	39	18	16	27	39	6	4	9	4	3	3	6	13	9	15	8	8	11	14	6					
1970					4	22	20	17	32	18	20	55	30	41	15	7	3	3	4	5	3	6	4	3	7	22	8	4	5	7					
1971						3	6	20	42	19	27	27	40	58	13	3	3	9	12	8	5	6	5	8	23	21	7								
1972					5	41	58	55	17	2	3	5	4	71	18	15	5	8	5	5	9	9	4	6	16	5									
1973				1	14	31	38	23	41	15	11	17	25	37	12	6	2	7	3	2	3	6	7	2	7	5	14	11	9	6	5	3	2		
1974					10	35	89	13	1	10	9	4	17	54	24	7	7	9	3	12	4	5	10	11	3	10	1	3	3	5	3	3			
1975		1	10	58	35	46	20	6	8	3	5	3	6	20	40	3	6	6	4	3	7	1	3	7	6	2	18	12	10	7	9				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5113	100.0	12	140.0	162	3021	59.1	24	940	77	777	15.1
1	24.00	2	5113	100.0	13	160.0	329	2859	55.9	25	1100	99	700	13.6
2	28.00	12	5111	100.0	14	190.0	426	2530	49.5	26	1300	115	601	11.7
3	33.00	98	5099	99.7	15	220.0	483	2104	41.2	27	1500	159	486	9.5
4	39.00	164	5001	97.8	16	260.0	197	1621	31.7	28	1800	109	327	6.3
5	45.00	253	4837	94.6	17	310.0	115	1424	27.9	29	2100	84	218	4.2
6	53.00	353	4584	89.7	18	360.0	93	1309	25.6	30	2500	58	134	2.6
7	63.00	290	4231	82.7	19	420.0	103	1216	23.8	31	2900	46	76	1.4
8	73.00	300	3941	77.1	20	500.0	81	1113	21.8	32	3400	20	30	.5
9	86.00	207	3641	71.2	21	580.0	94	1032	20.2	33	4000	8	10	.1
10	100.00	231	3434	67.2	22	680.0	73	938	18.3	34	4600	2	2	
11	120.00	182	3203	62.6	23	800.0	88	865	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
NORTH FORK GUNNISON RIVER NEAR SOMERSET, CO.

YEAR	1	3	7	15	30	60	90	120	183
1962	4200.0	3940.0	3730.0	3090.0	2740.0	2320.0	1990.0	1610.0	1130.0
1963	1780.0	1650.0	1550.0	1360.0	1110.0	790.0	631.0	523.0	403.0
1964	3880.0	3740.0	3580.0	3100.0	2340.0	1580.0	1190.0	944.0	683.0
1965	3920.0	3720.0	3210.0	2460.0	2280.0	2170.0	1900.0	1560.0	1110.0
1966	2000.0	1990.0	1920.0	1570.0	1360.0	1020.0	867.0	710.0	531.0
1967	2400.0	2320.0	2160.0	1760.0	1480.0	1120.0	957.0	802.0	598.0
1968	3390.0	3140.0	2870.0	2550.0	2340.0	1950.0	1470.0	1180.0	859.0
1969	2750.0	2630.0	2390.0	2350.0	2100.0	1800.0	1500.0	1230.0	882.0
1970	3210.0	3200.0	3160.0	2790.0	2330.0	1880.0	1430.0	1130.0	823.0

GUNNISON RIVER BASIN

09132500 NORTH FORK GUNNISON RIVER NEAR SOMERSET, 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 FORK GUNNISON RIVER NEAR SOMERSET, CO.

YEAR	1	3	7	15	30	60	90	120	183
1971	2090.0 11	2010.0 11	1880.0 12	1700.0 11	1560.0 10	1420.0 10	1240.0 9	1030.0 9	761.0 9
1972	1600.0 14	1540.0 14	1470.0 14	1440.0 13	1350.0 13	1030.0 12	805.0 13	673.0 13	520.0 13
1973	5100.0 1	4680.0 1	3920.0 1	3250.0 2	3050.0 1	2520.0 1	1950.0 2	1540.0 3	1080.0 3
1974	4190.0 3	4100.0 2	3760.0 2	3280.0 1	2410.0 3	1740.0 8	1330.0 8	1080.0 8	793.0 8
1975	3330.0 7	3190.0 7	2920.0 7	2580.0 7	2390.0 4	2130.0 4	1680.0 4	1330.0 4	943.0 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 GUNNISON RIVER NEAR SOMERSET, CO.

YEAR	1	3	7	14	30	60	90	120	183
1962	44.00 7	48.00 7	50.00 8	54.00 8	59.00 8	65.00 8	76.00 9	83.00 10	121.00 11
1963	24.00 1	29.00 1	35.00 3	39.00 4	41.00 4	46.00 4	55.00 5	54.00 4	82.00 5
1964	26.00 2	29.00 2	32.00 1	34.00 1	35.00 1	36.00 1	38.00 1	41.00 1	50.00 1
1965	32.00 4	33.00 3	34.00 2	35.00 2	36.00 2	43.00 3	47.00 3	49.00 3	68.00 3
1966	50.00 10	55.00 10	59.00 10	59.00 10	60.00 9	84.00 12	130.00 14	166.00 14	170.00 14
1967	45.00 8	48.00 8	48.00 6	51.00 7	54.00 7	56.00 7	60.00 6	70.00 6	74.00 4
1968	40.00 5	41.00 5	43.00 5	45.00 5	46.00 5	48.00 5	50.00 4	65.00 5	83.00 6
1969	40.00 6	45.00 6	49.00 7	49.00 6	51.00 6	56.00 6	67.00 7	76.00 7	102.00 8
1970	56.00 11	60.00 12	65.00 12	65.00 11	74.00 13	88.00 13	108.00 12	124.00 12	127.00 12
1971	68.00 14	69.00 14	75.00 14	84.00 14	96.00 14	103.00 14	115.00 13	135.00 13	144.00 13
1972	56.00 12	57.00 11	60.00 11	66.00 12	71.00 11	76.00 11	80.00 10	82.00 9	104.00 9
1973	50.00 9	53.00 9	57.00 9	58.00 9	63.00 10	72.00 9	82.00 11	87.00 11	93.00 7
1974	64.00 13	67.00 13	69.00 13	71.00 13	73.00 12	75.00 10	75.00 8	77.00 8	106.00 10
1975	30.00 3	34.00 4	37.00 4	38.00 3	39.00 3	41.00 2	42.00 2	45.00 2	50.00 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)											
122	111	98.5	74.4	69.3	135	646	1799	1388	460	230	195
2429	1920	4501	1406	496	4086	162400	252000	397100	74040	1080	2020
49.3	43.8	67.1	37.5	22.3	63.9	403	502	630	272	32.9	44.9
0.62	0.23	1.64	1.42	0.20	0.45	1.43	-0.26	0.20	1.24	0.48	-0.41
0.40	0.39	0.68	0.50	0.32	0.47	0.62	0.28	0.45	0.59	0.14	0.23
2.30	2.09	1.85	1.40	1.30	2.54	12.1	33.8	26.1	8.63	4.32	3.67

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)											
2.05	2.01	1.92	1.83	1.82	2.08	2.74	3.24	3.09	2.60	2.36	2.28
0.03	0.03	0.06	0.04	0.02	0.05	0.06	0.02	0.05	0.05	0.00	0.01
0.18	0.18	0.25	0.19	0.15	0.23	0.24	0.13	0.23	0.23	0.06	0.11
-0.21	-0.25	0.74	0.76	-0.39	-0.53	0.62	-0.50	-0.75	0.64	0.22	-1.10
0.09	0.09	0.13	0.11	0.08	0.11	0.09	0.04	0.07	0.09	0.03	0.05
7.33	7.18	6.85	6.53	6.49	7.42	9.79	11.6	11.0	9.28	8.41	8.13

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
445	12940	114	-0.11	0.26	-0.386

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.63	0.01	0.12	-0.61	0.05	-0.331

09132700 MAIN HUBBARD CREEK NEAR PAONIA, COLO.

LOCATION.--Lat 39°03'25", long 107°37'44", in NE¼ sec.35 (projected), T.11 S., R.92 W., Delta County, on left bank 100 ft (30 m) upstream from Overland ditch crossing, 2 mi (3 km) southwest of Hubbard Park, and 13 mi (21 km) north of Paonia.

DRAINAGE AREA.--1.3 mi² (3.44 km²).

REMARKS.--No diversion above station.

09132700 MAIN HUBBARD CREEK NEAR PAONIA, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MAIN HUBBARD CREEK NEAR PAONIA, 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																																					
1961		8	15	75	25	10	7	4	11	4	8	9	4	7	2	1	2	3	2	5	8	5	7	3	2													
1962		9	79	65	35	3	2	36	6	14	17	3	3	6	7	3	5	9	3	3	9	7	5	11	21	3	1											
1963	181	48	89	16	5	6	11	3	4	4	5	3	1	4	3	4	3	4	7	6	15	4	3	1	1													
1964	167		58	25	6	14	6	19	3	8	3	2	2	2	2	1	2	9	2	7	5	7	7	8	1													
1965	281	14	59	28	1	3	6	14	4	6	11	5	7	3	6	4	1	3	4	5	7	11	12	10	9	4												
1966	111	79	38	6	17	18	18	1	5	3	3	8	5	3	1	7	12	6	13	6	5																	
1967	1	46	92	74	35	11	7	11	1	7	6	4	6	1	7	3	6	4	5	3	10	4	12	5														
1968	516	52	16	7	11	6	16				4	7		6	10	5	9	3	4	2	4	3	5		3	6	9	3	2									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2922	100.0	12	1.6	26	576	19.7	24	11	49	115	3.9
1	0.10	227	2922	100.0	13	1.8	40	550	18.8	25	13	43	66	2.2
2	0.20	749	2695	92.2	14	2.2	35	510	17.5	26	15	17	23	.7
3	0.30	583	1946	66.6	15	2.6	29	475	16.3	27	18	4	6	.2
4	0.40	287	1363	46.6	16	3.0	27	446	15.3	28	21	2	2	
5	0.50	105	1076	36.8	17	3.5	28	419	14.3	29				
6	0.60	66	971	33.2	18	4.2	48	391	13.4	30				
7	0.70	55	905	31.0	19	4.9	30	343	11.7	31				
8	0.80	136	850	29.1	20	5.7	52	313	10.7	32				
9	1.00	22	714	24.4	21	6.8	44	261	8.9	33				
10	1.10	56	692	23.7	22	7.9	67	217	7.4	34				
11	1.30	60	636	21.8	23	9.3	35	150	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
MAIN HUBBARD CREEK NEAR PAONIA, CO.

YEAR	1	3	7	15	30	60	90	120	183
1961	11.0 7	11.0 7	9.8 7	8.4 7	7.5 7	4.6 8	3.2 8	2.5 8	1.9 8
1962	18.0 2	17.0 2	15.0 2	14.0 2	13.0 2	10.0 1	8.5 1	6.8 1	4.6 1
1963	15.0 4	13.0 5	12.0 5	9.2 6	8.7 6	6.4 5	4.6 5	3.5 6	2.4 6
1964	13.0 6	11.0 6	10.0 6	9.8 5	9.1 5	6.4 6	4.5 6	3.6 5	2.5 5
1965	17.0 3	16.0 3	15.0 3	13.0 3	11.0 3	9.7 2	7.5 2	5.9 2	4.1 2
1966	9.0 8	8.2 8	7.7 8	7.0 8	6.1 8	5.0 7	3.7 7	2.9 7	2.0 7
1967	14.0 5	14.0 4	12.0 4	11.0 4	9.9 4	7.5 4	5.7 4	4.4 4	3.0 4
1968	27.0 1	23.0 1	20.0 1	15.0 1	14.0 1	8.4 3	6.5 3	5.1 3	3.5 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
MAIN HUBBARD CREEK NEAR PAONIA, CO.

YEAR	1	3	7	14	30	60	90	120	183
1962	0.20 5	0.20 4	0.20 4	0.20 5	0.20 7	0.31 7	0.34 7	0.38 7	0.59 7
1963	0.20 6	0.20 5	0.20 5	0.20 6	0.20 4	0.20 4	0.21 3	0.22 4	0.24 4
1964	0.10 1	0.10 1	0.10 1	0.10 1	0.10 1	0.10 1	0.10 1	0.10 1	0.10 1
1965	0.10 2	0.10 2	0.10 2	0.10 2	0.11 2	0.15 2	0.17 2	0.18 2	0.21 2
1966	0.20 7	0.20 6	0.20 6	0.20 3	0.20 3	0.20 3	0.22 4	0.24 5	0.35 6
1967	0.15 4	0.20 7	0.20 7	0.21 7	0.22 6	0.24 6	0.29 6	0.33 6	0.34 5
1968	0.10 3	0.15 3	0.18 3	0.20 4	0.21 5	0.21 5	0.22 5	0.22 3	0.24 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,SKWEVNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.44	0.34	0.27	0.23	0.21	0.25	0.60	4.97	8.45	2.60	0.83	0.49
0.12	0.04	0.02	0.01	0.01	0.00	0.17	2.69	13.3	6.79	0.41	0.11
0.35	0.21	0.13	0.10	0.08	0.05	0.41	1.64	3.64	2.61	0.64	0.33
1.63	1.82	0.88	0.81	-0.59	0.24	1.07	0.42	0.09	1.10	1.40	1.16
0.78	0.61	0.49	0.41	0.36	0.21	0.68	0.33	0.43	1.00	0.78	0.68
2.24	1.71	1.35	1.19	1.06	1.30	3.04	25.3	42.9	13.2	4.20	2.50

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,SKWEVNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
-0.46	-0.54	-0.62	-0.66	-0.71	-0.60	-0.30	0.67	0.89	0.21	-0.19	-0.39
0.10	0.06	0.05	0.03	0.04	0.01	0.08	0.02	0.04	0.22	0.11	0.08
0.32	0.25	0.22	0.18	0.19	0.09	0.28	0.15	0.20	0.47	0.33	0.29
0.09	-0.16	-0.20	-0.30	-0.99	0.12	0.67	-0.52	-0.22	0.28	0.25	0.10
-0.70	-0.47	-0.35	-0.28	-0.26	-0.15	-0.91	0.22	0.23	2.25	-1.72	-0.74
16.9	19.8	22.9	24.5	26.3	22.2	11.2	-24.9	-32.8	-7.62	7.03	14.4

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWEVNESS	COEFF. OF VARIATION	SERIAL CORR
1.64	0.28	0.53	0.76	0.32	-0.663

09132700 MAIN HUBBARD CREEK NEAR PAONIA, COLO.--Continued

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN 0.20	VARIANCE 0.02	STANDARD DEVIATION 0.13	SKEWNESS 0.38	COEFF. OF VARIATION 0.68	SERIAL CORR -0.697
--------------	------------------	----------------------------	------------------	-----------------------------	-----------------------

09132800 MIDDLE HUBBARD CREEK NEAR PAONIA, COLO.

LOCATION.--Lat 39°02'58", long 107°37'13", in SW¼ sec.26 (projected), T.11 S., R.92 W., Delta County, on left bank 100 ft (30 m) upstream from Overland ditch crossing, 2 mi (3 km) southwest of Hubbard Park, and 12 mi (19 km) north of Paonia.

DRAINAGE AREA.--1.36 mi² (3.52 km²).

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
MIDDLE HUBBARD CREEK NEAR PAONIA, CO.

CLASS YEAR	NUMBER OF DAYS IN CLASS																																				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34		
1961			151	43	92	12	11	10	1	10	9	5	7	8	4	2	2	4	3	2	12	5	4	4													
1962		68	37	52	14	41	15	6	15	19	10	10	2	1	5	3	8	5	9	4	3	4	8	6	3	9	7	1									
1963	89	72	61	26	14	5	18	3	7	12	1	4	1	2	1	10	2	5	4	6	5	6	9	2													
1964	19	64	88	16	18	32	33		11	17	7	3	5	2	1	5	5	6	7	6	8	8	4	1													
1965	281	23	27	21	7	20	11		12	15	5	8	5	5	8	3	8	7	7	6	5	5	10	4	4	9	2										
1966		58	67	63	43	29	10	21	6	1	5	5	2	6		5	6	6	12	9	6	5															
1967		1	45	68	69	30	41	5	9	8	4	8	3	4	10	2	5	6	5	4	8	6	7	11	6												
1968	79	106	53	14	7	11		4	4	11	2	4	7	8	10	5	5	5	2	4	1	2	3	5	8	4	1	1									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2922	100.0	12	1.7	49	586	20.1	24	13	29	84	2.8
1	0.10	136	2922	100.0	13	2.0	36	537	18.4	25	15	21	55	1.8
2	0.20	422	2786	95.3	14	2.4	28	501	17.1	26	18	22	34	1.1
3	0.30	565	2364	80.9	15	2.8	43	473	16.2	27	21	10	12	.4
4	0.40	395	1799	61.6	16	3.4	30	430	14.7	28	25	2	2	
5	0.50	211	1404	48.0	17	4.0	42	400	13.7	29				
6	0.60	189	1193	40.8	18	4.7	43	358	12.3	30				
7	0.70	168	1004	34.4	19	5.5	42	315	10.8	31				
8	0.90	29	836	28.6	20	6.6	54	273	9.3	32				
9	1.00	89	807	27.6	21	7.7	44	219	7.5	33				
10	1.20	97	718	24.6	22	9.2	41	175	6.0	34				
11	1.50	35	621	21.3	23	11.0	50	134	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
MIDDLE HUBBARD CREEK NEAR PAONIA, CO.

YEAR	1	3	7	15	30	60	90	120	183
1961	11.0 8	11.0 8	10.0 8	8.9 8	7.9 8	5.1 8	3.6 8	2.8 8	2.1 8
1962	25.0 2	23.0 2	21.0 1	20.0 1	17.0 1	12.0 1	9.2 1	7.1 1	4.8 1
1963	14.0 5	13.0 5	12.0 5	11.0 5	9.4 5	6.4 6	4.6 6	3.6 7	2.4 7
1964	13.0 6	11.0 6	10.0 6	9.5 7	8.5 6	6.3 7	4.6 7	3.7 5	2.6 5
1965	23.0 3	22.0 3	20.0 2	18.0 2	15.0 2	11.0 2	8.2 2	6.5 2	4.5 2
1966	12.0 7	11.0 7	10.0 7	9.8 6	8.5 7	6.6 5	4.7 5	3.7 6	2.6 6
1967	17.0 4	16.0 4	15.0 4	12.0 4	12.0 4	9.4 3	7.0 3	5.5 3	3.8 3
1968	27.0 1	24.0 1	20.0 3	15.0 3	14.0 3	8.6 4	6.5 4	5.0 4	3.4 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 HUBBARD CREEK NEAR PAONIA, CO.

YEAR	1	3	7	14	30	60	90	120	183
1962	0.20 4	0.20 4	0.20 4	0.20 4	0.20 4	0.21 4	0.24 4	0.28 4	0.50 6
1963	0.10 1	0.10 1	0.10 1	0.10 1	0.10 1	0.12 1	0.12 1	0.14 1	0.22 2
1964	0.10 2	0.10 2	0.10 2	0.10 2	0.10 2	0.19 3	0.21 3	0.21 3	0.23 3
1965	0.10 3	0.10 3	0.10 3	0.10 3	0.11 3	0.15 2	0.17 2	0.18 2	0.21 1
1966	0.30 7	0.30 6	0.30 6	0.30 6	0.30 6	0.33 6	0.37 6	0.40 6	0.52 7
1967	0.25 6	0.30 7	0.31 7	0.34 7	0.36 7	0.39 7	0.41 7	0.45 7	0.48 5
1968	0.22 5	0.22 5	0.25 5	0.25 5	0.26 5	0.29 5	0.29 5	0.31 5	0.33 4

09132800 MIDDLE HUBBARD CREEK NEAR PAONIA, 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)											
0.54	0.42	0.35	0.28	0.25	0.30	0.66	4.97	9.58	2.94	1.00	0.63
0.12	0.02	0.02	0.01	0.01	0.01	0.10	4.00	20.6	7.80	0.36	0.10
0.34	0.15	0.14	0.12	0.09	0.12	0.31	2.00	4.54	2.79	0.60	0.32
1.28	0.04	0.00	0.13	-0.74	0.00	0.35	0.66	0.14	0.94	0.49	0.66
0.63	0.36	0.39	0.41	0.37	0.39	0.47	0.40	0.47	0.95	0.60	0.50
2.47	1.91	1.60	1.28	1.14	1.38	3.00	22.7	43.7	13.4	4.55	2.88

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)											
-0.34	-0.41	-0.49	-0.59	-0.64	-0.55	-0.23	0.66	0.93	0.26	-0.08	-0.25
0.07	0.03	0.03	0.04	0.04	0.03	0.05	0.03	0.05	0.23	0.08	0.05
0.27	0.17	0.18	0.21	0.20	0.19	0.22	0.18	0.23	0.48	0.29	0.23
0.13	-0.47	-0.30	-0.95	-1.12	-0.53	-0.32	-0.38	-0.33	0.06	-0.10	-0.16
-0.79	-0.42	-0.38	-0.35	-0.32	-0.34	-0.97	0.27	0.24	1.82	-3.63	-0.91
19.8	23.8	28.5	34.7	37.2	32.3	13.4	-38.9	-54.6	-15.4	4.62	14.6

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.83	0.28	0.53	0.45	0.29	-0.674

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.25	0.02	0.13	0.15	0.51	-0.650

09132900 WEST HUBBARD CREEK NEAR PAONIA, COLO.

LOCATION.--Lat 39°01'56", long 107°36'47", in NE¼ sec.12, T.12 S., R.92 W. (projected), Delta County, on left bank 75 ft (23 m) upstream from Overland ditch crossing, 3.0 mi (4.8 km) south of Hubbard Park, and 11 mi (18 km) north of Paonia.

DRAINAGE AREA.--2.34 mi² (6.06 km²).

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WEST HUBBARD CREEK NEAR PAONIA, 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																																				
1961				140	43	25	24	21	12	9	9	11	5	10	9	3	6	4	4	1	3	8	8	4	4	3	3									
1962				59	51	65	23	18	13	10	14	7	9	14	5	7	8	4	8	6	5	7	7	9	16											
1963				13	72	62	57	22	24	15	12	13	11	8	2	6	2	4	7	3	3	5	7	13	4											
1964	2	67	21	74	32	19	5	12	7	17	12	5	16	8	6	10	6	2	3	6	2	8	3	10	11	2										
1965				62	103	8	18	10	2	1	12	21	12	12	10	7	3	8	9	4	3	3	9	6	6	16	6	14								
1966					10	73	61	65	23	31	22	6	8	3	4	9	1	4	6	3	6	9	12	6	3											
1967				2	50	68	83	9	23	11	17	3	12	7	8	9	6	2	4	3	6	2	5	4	7	8	13	3								
1968				1	26	54	85	44	36	15	6	13	10	8	9	8	11	2	4	1	1	5	2	2	2	5	12	2	2							
1969					43	67	44	21	10	6	19	23	9	11	9	9	11	6	8	5	5	8	10	7	12	14	6	1	1							
1970	1	3	5	15	26	49	19	24	25	30	29	16	25	12	12	5	4	2	4	4	6	14	13	5	13	3	1									
1971					27	66	17	28	23	40	36	25	20	10	17	8	2	6	3	2	3	4	8	5	5	6	4									
1972				2	17	31	86	82	26	11	22	15	8	4	6	7	6	5	4	2	2	3	4	8	11	4										
1973					22	68	38	28	20	25	18	23	5	12	8	8	9	8	4	5	8	6	6	9	5	2	6	6	7	6	3					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4748	100.0	12	1.9	143	1367	28.8	24	18	74	291	6.1
1	0.10	3	4748	100.0	13	2.3	148	1224	25.8	25	21	91	217	4.5
2	0.20	72	4745	99.9	14	2.8	103	1076	22.7	26	26	66	126	2.6
3	0.30	143	4673	98.4	15	3.4	111	973	20.5	27	31	48	60	1.2
4	0.40	622	4530	95.4	16	4.1	95	862	18.2	28	37	9	12	.2
5	0.50	521	3908	82.3	17	4.9	54	767	16.2	29	45	3	3	
6	0.60	688	3387	71.3	18	5.9	64	713	15.0	30				
7	0.80	329	2699	56.8	19	7.1	54	649	13.7	31				
8	0.90	346	2370	49.9	20	8.5	47	595	12.5	32				
9	1.10	201	2024	42.6	21	10.0	61	548	11.5	33				
10	1.30	249	1823	38.4	22	12.0	99	487	10.3	34				
11	1.60	207	1574	33.2	23	15.0	97	388	8.2					

09132900 WEST HUBBARD CREEK NEAR PAONIA, 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
WEST HUBBARD CREEK NEAR PAONIA, CO.

YEAR	1	3	7	15	30	60	90	120	183
1961	26.0 10	25.0 9	24.0 9	20.0 10	16.0 10	11.0 11	7.6 11	5.9 11	4.3 11
1962	36.0 5	36.0 3	35.0 2	32.0 2	31.0 2	22.0 1	17.0 1	14.0 1	9.4 1
1963	20.0 12	19.0 12	18.0 13	16.0 13	15.0 12	9.8 12	7.2 12	5.7 12	4.0 12
1964	30.0 9	25.0 10	24.0 10	21.0 9	20.0 7	13.0 9	10.0 9	8.1 9	5.5 9
1965	36.0 6	34.0 4	33.0 3	32.0 3	28.0 3	22.0 2	17.0 2	13.0 2	9.2 2
1966	25.0 11	23.0 11	20.0 11	19.0 11	16.0 11	12.0 10	8.5 10	6.7 10	4.6 10
1967	32.0 8	31.0 6	29.0 6	25.0 6	24.0 4	17.0 5	13.0 5	9.8 5	6.7 6
1968	41.0 2	38.0 2	32.0 4	27.0 4	24.0 5	14.0 8	11.0 8	8.2 8	5.7 8
1969	39.0 3	29.0 8	27.0 7	24.0 7	20.0 8	18.0 4	14.0 4	12.0 4	8.2 4
1970	36.0 4	30.0 7	25.0 8	22.0 8	20.0 9	16.0 6	12.0 6	9.7 6	7.3 5
1971	33.0 7	32.0 5	31.0 5	27.0 5	22.0 6	14.0 7	11.0 7	8.5 7	5.9 7
1972	18.0 13	18.0 13	18.0 12	16.0 12	14.0 13	9.1 13	6.6 13	5.2 13	3.6 13
1973	60.0 1	48.0 1	42.0 1	35.0 1	33.0 1	22.0 3	16.0 3	13.0 3	8.6 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 HUBBARD CREEK NEAR PAONIA, CO.

YEAR	1	3	7	14	30	60	90	120	183
1962	0.40 9	0.40 8	0.40 7	0.40 6	0.60 11	0.65 11	0.70 10	0.75 10	1.00 10
1963	0.40 10	0.40 9	0.40 8	0.40 7	0.40 4	0.42 4	0.42 4	0.44 3	0.52 3
1964	0.20 3	0.20 2	0.20 2	0.20 1	0.20 1	0.20 1	0.26 1	0.29 1	0.34 1
1965	0.10 1	0.17 1	0.19 1	0.30 2	0.30 2	0.30 2	0.33 2	0.35 2	0.42 2
1966	0.30 5	0.30 5	0.36 5	0.39 4	0.70 12	0.73 12	0.75 12	0.79 11	1.00 11
1967	0.30 6	0.38 6	0.39 6	0.42 8	0.47 8	0.49 8	0.51 8	0.54 7	0.55 4
1968	0.35 7	0.38 7	0.41 9	0.43 9	0.45 6	0.49 9	0.53 9	0.56 8	0.66 7
1969	0.40 8	0.43 10	0.44 10	0.45 10	0.46 7	0.48 6	0.48 5	0.50 5	0.59 5
1970	0.15 2	0.23 3	0.33 4	0.39 5	0.43 5	0.47 5	0.51 6	0.56 9	0.81 9
1971	0.52 12	0.53 12	0.54 12	0.55 12	0.57 10	0.62 10	0.72 11	0.83 12	1.10 12
1972	0.43 11	0.45 11	0.46 11	0.47 11	0.48 9	0.49 7	0.51 7	0.54 6	0.64 6
1973	0.26 4	0.30 4	0.31 3	0.36 3	0.37 3	0.40 3	0.41 3	0.45 4	0.76 8

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.11	0.79	0.61	0.50	0.50	0.58	1.29	10.1	18.2	5.45	1.96	1.33
0.34	0.11	0.06	0.04	0.02	0.03	0.69	15.6	65.7	20.9	1.09	0.84
0.58	0.33	0.25	0.19	0.12	0.18	0.83	3.95	8.10	4.57	1.05	0.92
0.61	1.17	0.89	0.81	0.49	0.70	1.13	0.36	0.15	1.01	0.29	2.28
0.53	0.42	0.41	0.38	0.25	0.31	0.64	0.39	0.45	0.84	0.53	0.69
2.61	1.87	1.44	1.18	1.18	1.36	3.05	23.7	42.9	12.9	4.61	3.14

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
-0.01	-0.13	-0.25	-0.33	-0.31	-0.26	0.03	0.97	1.21	0.59	0.22	0.05
0.05	0.03	0.04	0.03	0.01	0.02	0.07	0.04	0.05	0.15	0.08	0.06
0.23	0.17	0.19	0.17	0.11	0.13	0.27	0.19	0.22	0.38	0.27	0.24
0.15	0.24	-0.73	-0.43	-0.04	0.34	0.24	-0.70	-0.43	0.13	-0.68	0.80
-19.1	-1.30	-0.76	-0.51	-0.35	-0.50	8.00	0.20	0.18	0.65	1.24	4.39
-0.68	-7.54	-13.9	-18.5	-17.4	-14.3	1.89	54.2	68.0	32.9	12.4	3.06

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
3.54	1.08	1.04	0.17	0.29	-0.579

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.53	0.02	0.13	-0.19	0.25	-0.552

09132920 HUBBARD CREEK NEAR BOWIE, COLO.

LOCATION.--Lat 39°02'41", long 107°33'58", in NW¼ sec.4, T.12 S., R.91 W., Delta County, on left bank 0.2 mi (0.3 km) downstream from West Hubbard Creek and 9 mi (14 km) north of Bowie.

DRAINAGE AREA.--20.7 mi² (53.6 km²).

REMARKS.--Water diverted above station at times by Overland ditch.

09132920 HUBBARD CREEK NEAR BOWIE, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HUBBARD CREEK NEAR BOWIE, 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																																				
1969									1	113	49	31	14	19	8	9	5	6	7	7	6	4	4	6	15	9	5	7	16	11	7	4	1		1		
1970								1	5	21	37	65	52	36	20	39	13	2	5	3	2	4	12	9	3	1	6	6	5	3	7	3	3	2			
1971					3	10	14	11	10	26	44	59	59	21	12	4	3	4	1	6	8	16	9	15	11	6	8	3		2							
1972						7	12	7	16	15	77	55	37	20	22	7	8	13	6	8	16	19	15	6													
1973				3	4	8	9	18	7	4	4	8	111	60	31	11	6	1	6	5	7	1	5		3	8	16	13	3	4	2		1	1			
1974	4	2	6	8	8	24	90	52	31	9	12	11	13	5	6	14	21	6																			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2191	100.0	12	3.8	302	1305	59.6	24	43	41	245	11.1
1	0.40	4	2191	100.0	13	4.7	224	1003	45.8	25	53	28	204	9.3
2	0.50	2	2187	99.8	14	5.8	105	779	35.6	26	64	31	176	8.0
3	0.60	9	2185	99.7	15	7.0	99	674	30.8	27	79	45	145	6.6
4	0.80	12	2176	99.3	16	8.6	49	575	26.2	28	96	43	100	4.5
5	0.90	19	2164	98.8	17	11.0	41	526	24.0	29	120	17	57	2.6
6	1.10	50	2145	97.9	18	13.0	41	485	22.1	30	140	21	40	1.8
7	1.40	135	2095	95.6	19	16.0	22	444	20.3	31	180	10	19	.8
8	1.70	83	1960	89.5	20	19.0	30	422	19.3	32	220	4	9	.4
9	2.10	195	1877	85.7	21	24.0	42	392	17.9	33	260	3	5	.2
10	2.60	140	1682	76.8	22	29.0	54	350	16.0	34	320	2	2	
11	3.10	237	1542	70.4	23	35.0	51	296	13.5					

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HUBBARD CREEK NEAR BOWIE, CO.

YEAR	1	3	7	15	30	60	90	120	183
1969	385.0 1	235.0 3	170.0 3	151.0 3	132.0 2	108.0 1	91.0 1	72.0 1	49.0 1
1970	280.0 3	267.0 1	231.0 1	189.0 1	136.0 1	90.0 3	63.0 3	48.0 3	35.0 3
1971	148.0 5	138.0 5	102.0 5	80.0 5	71.0 5	61.0 4	49.0 4	37.0 4	26.0 4
1972	46.0 6	46.0 6	44.0 6	39.0 6	37.0 6	32.0 6	26.0 6	22.0 6	15.0 6
1973	323.0 2	252.0 2	208.0 2	155.0 2	125.0 3	96.0 2	68.0 2	52.0 2	36.0 2
1974	205.0 4	156.0 4	120.0 4	104.0 4	83.0 4	52.0 5	37.0 5	29.0 5	20.0 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
HUBBARD CREEK NEAR BOWIE, CO.

YEAR	1	3	7	14	30	60	90	120	183
1970	2.10 5	2.10 5	2.20 5	2.50 4	2.70 4	2.90 3	3.10 4	3.30 2	4.50 3
1971	1.60 4	1.80 4	2.00 4	2.60 5	3.10 5	3.60 5	3.80 5	4.00 5	4.70 4
1972	1.00 2	1.10 2	1.19 3	1.30 2	1.90 2	2.90 4	2.90 2	3.50 4	4.00 2
1973	1.10 3	1.10 3	1.10 2	2.10 3	2.30 3	2.50 2	2.90 3	3.40 3	4.80 5
1974	0.68 1	0.72 1	0.81 1	0.96 1	1.30 1	1.50 1	1.60 1	1.70 1	1.70 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,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
5.33	4.85	3.58	3.19	3.21	5.28	29.3	79.6	50.4	9.32	3.24	5.23
6.09	3.12	2.04	1.38	1.09	8.97	403	1565	2023	85.8	1.40	31.8
2.47	1.77	1.43	1.17	1.05	2.99	20.1	39.6	45.0	9.26	1.19	5.64
-0.07	-1.12	-0.17	-0.16	-0.81	1.55	0.13	0.59	0.92	1.01	1.21	2.01
0.46	0.36	0.40	0.37	0.33	0.57	0.69	0.50	0.89	0.99	0.37	1.08
2.63	2.40	1.77	1.57	1.59	2.61	14.4	39.3	24.9	4.60	1.60	2.58

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,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.68	0.65	0.52	0.48	0.48	0.67	1.33	1.86	1.50	0.79	0.49	0.54
0.05	0.04	0.04	0.03	0.03	0.05	0.18	0.05	0.27	0.18	0.02	0.19
0.23	0.20	0.20	0.18	0.17	0.22	0.43	0.22	0.52	0.42	0.15	0.43
-0.52	-1.35	-0.89	-0.70	-1.20	1.02	-0.97	0.01	-0.61	0.82	0.78	0.31
0.34	0.30	0.38	0.37	0.35	0.32	0.32	0.12	0.35	0.54	0.30	0.81
6.82	6.54	5.21	4.76	4.84	6.75	13.3	18.6	15.0	7.90	4.90	5.37

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
16.9	38.6	6.22	0.23	0.37	0.010

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
1.20	0.03	0.17	-0.22	0.14	-0.102

GUNNISON RIVER BASIN

09133000 NORTH FORK GUNNISON RIVER NEAR PAONIA, COLO.

LOCATION.--Lat 38°53'57", long 107°33'47", in NE¼NW¼ sec.28, T.13 S., R.91 W., Delta County, 200 ft (61 km) downstream from highway bridge, 0.4 mi (0.6 km) downstream from Terror Creek, and 2.6 mi (4.2 km) northeast of Paonia.

DRAINAGE AREA.--653 mi² (1,691 km²).

REMARKS.--Fire Mountain Canal diverts water above station for irrigation of about 5,000 acres (28.2 km²) above and below station. Many other smaller diversions for irrigation above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN NORTH FORK GUNNISON RIVER NEAR PAONIA, 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
1923					2	2		11	12	10	6		18	8	5	10	117	14	14	11	10	7	1	8	8	7	5	12	7	12	18	10	19	1	
1924				3	17	33	4	4	3	3	1	1	4	14	24	94	35	17	10	4	3	10	5	10	3	7	5	3	13	20	16				
1925									5	3	4	5	2	2	13	80	25	69	23	15	9	7	13	7	8	11	16	21	23	4					
1926		1	4		5	7	19	4		3	1		3		10	69	48	18	24	18	14	8	9	9	6	14	7	3	7	18	18	17	1		
1927					2			1	1	2		1	3	4	2	5	17	79	51	28	18	13	9	23	10	7	7	11	2	9	18	14	10	8	10
1928											10	31	1		21	35	93	6	7	13	21	6	5	9	12	10	9	13	14	5	12	10	16	6	1
1930															2	20	33	71	27	51	38	16	6	3	11	8	4	9	14	28	12	12			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.0	0	2557	100.00	12	27.0	32	2339	91.47	24	470.0	61	659	25.77
1	2.0	1	2557	100.00	13	35.0	16	2307	90.22	25	600.0	57	598	23.39
2	2.5	4	2556	99.96	14	44.0	59	2291	89.60	26	760.0	54	541	21.16
3	3.2	0	2552	99.80	15	56.0	188	2232	87.29	27	960.0	60	487	19.05
4	4.1	10	2552	99.80	16	71.0	544	2044	79.94	28	1200.0	75	427	16.70
5	5.2	28	2542	99.41	17	89.0	220	1500	58.66	29	1500.0	117	352	13.77
6	6.6	52	2514	98.32	18	110.0	186	1280	50.06	30	2000.0	98	235	9.19
7	8.3	20	2462	96.28	19	140.0	144	1094	42.78	31	2500.0	75	137	5.36
8	11.0	17	2442	95.50	20	180.0	115	950	37.15	32	3200.0	44	62	2.42
9	13.0	23	2425	94.84	21	230.0	58	835	32.66	33	4000.0	17	18	0.70
10	17.0	24	2402	93.94	22	290.0	61	777	30.39	34	5100.0	1	1	0.04
11	22.0	39	2378	93.00	23	370.0	57	716	28.00					

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

DISCHARGE-(CFS)

MEAN NORTH FORK GUNNISON RIVER NEAR PAONIA, CO.

YEAR	1	3	7	15	30	60	90	120	183							
1923	4230.00	3	4040.00	3	3780.00	3	3240.00	3	2670.00	3	2120.00	2	1680.00	2	1150.00	3
1924	3040.00	5	2960.00	5	2880.00	4	2700.00	4	2420.00	4	2040.00	5	1540.00	6	1190.00	6
1925	2210.00	7	2110.00	7	1940.00	7	1750.00	7	1650.00	7	1480.00	7	1250.00	7	1010.00	7
1926	3440.00	4	3150.00	4	2810.00	5	2660.00	5	2280.00	5	2170.00	4	1700.00	4	1350.00	4
1927	4500.00	2	4410.00	2	4140.00	2	3450.00	3	3380.00	2	2710.00	2	2100.00	3	1680.00	3
1928	5780.00	1	5000.00	1	4310.00	1	4040.00	1	3450.00	1	2770.00	1	2160.00	1	1200.00	1
1930	2990.00	6	2930.00	6	2690.00	6	2370.00	6	1990.00	6	1910.00	6	1640.00	5	1300.00	5

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

DISCHARGE-(CFS)

MEAN NORTH FORK GUNNISON RIVER NEAR PAONIA, CO.

YEAR	1	3	7	14	30	60	90	120	183							
1923	3.30	2	3.80	2	5.30	2	6.20	2	8.60	3	9.00	2	16.00	1	32.00	1
1924	12.00	5	15.00	4	17.00	4	19.00	4	26.00	4	67.00	4	75.00	6	79.00	6
1925	5.00	3	6.00	3	6.40	3	6.60	3	6.70	2	7.30	1	25.00	2	45.00	2
1926	19.00	6	22.00	6	24.00	6	42.00	6	65.00	5	68.00	5	70.00	4	73.00	5
1927	2.00	1	2.70	1	4.00	1	5.90	1	6.30	1	19.00	3	46.00	3	55.00	3
1928	10.00	4	18.00	5	21.00	5	46.00	7	68.00	6	72.00	6	72.00	5	73.00	4
1930	36.00	7	36.00	7	37.00	7	37.00	5	85.00	7	87.00	7	88.00	7	104.00	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,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)	119.00	95.50	81.80	77.70	86.30	173.00	1100.00	2551.00	1556.00	357.00	102.00	64.40
	4247.00	629.00	51.30	46.60	184.00	7367.00	125200.00	496700.00	162200.00	28390.00	5285.00	4648.00
	65.20	25.10	7.16	6.82	13.60	85.80	354.00	705.00	403.00	168.00	72.70	68.20
	0.16	2.20	0.20	0.05	0.38	0.62	-0.21	0.05	0.29	0.44	-0.04	0.90
	0.55	0.26	0.09	0.09	0.16	0.50	0.32	0.28	0.26	0.47	0.71	1.06
	1.88	1.50	1.29	1.22	1.36	2.72	17.30	40.10	24.50	5.60	1.60	1.01

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,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)	1.97	1.97	1.91	1.89	1.93	2.19	3.02	3.39	3.18	2.51	1.84	1.52
	0.17	0.01	0.00	0.00	0.00	0.06	0.02	0.02	0.01	0.05	0.25	0.34
	0.41	0.10	0.04	0.04	0.07	0.24	0.15	0.12	0.12	0.22	0.50	0.59
	-2.11	1.88	0.21	0.03	-0.13	-0.62	-0.71	-0.22	-0.54	-0.31	-1.22	-0.07
	0.21	0.05	0.02	0.02	0.04	0.11	0.05	0.04	0.04	0.09	0.27	0.39
	7.22	7.21	7.00	6.92	7.07	8.00	11.10	12.40	11.60	9.18	6.73	5.57

09133000 NORTH FORK GUNNISON RIVER NEAR PAONIA, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
532.00	8683.00	93.2	-0.18	0.18	0.360

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.72	0.01	0.08	-0.37	0.03	0.351

09134000 MINNESOTA CREEK NEAR PAONIA, COLO.

LOCATION.--Lat 38°52'16", long 107°30'32", in SE¼SW¼ sec.36, T.13 S., R.91 W., Delta County, 0.5 mi (0.8 km) downstream from Dry Fork, 4.5 mi (7.2 km) east of Paonia, and 6 mi (10 km) upstream from mouth.

DRAINAGE AREA.--41.5 mi² (107.5 km²).

REMARKS.--One small storage reservoir, one small diversion from Coal Creek basin to Minnesota Creek basin, and several 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
MINNESOTA CREEK NEAR PAONIA, CO.

CLASS YEAR	NUMBER OF DAYS IN CLASS																																		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1937	13							40	4	11	62	6	10	37	10	20	11	24	9	14	15	8	20	11	4	2	3	10	4	4	6	2	2	2	1
1939								59	1	59	46	13	46	18	7	9	4	8	22	5	11	5	5	6	2	12	11	7	9						
1940								2	12	29	79	33	49	20	15	12	3	5	3	7	10	7	14	9	14	6	2	6	4	11	5	9			
1942								2	7	14	10	2	5	60	61	21	8	10	14	17	8	11	16	3	8	4	6	3	5	17	25	19	9		
1943								18	32	64	49	17	18	13	8	4	6	11	9	13	15	8	7	15	14	18	18	4	4						
1944								8	22	59	75	31	26	15	2	9	9	15	9	12	10	2	2	1	3	7	11	1	11	14	9	3			
1945								5	52	73	57	11	4	12	4	8	4	20	4	9	15	4	14	4	2	5	6	16	18	11	2	5			
1946								2	1	2	5	15	34	61	49	48	19	6	2	4	24	10	4	5	4	5	6	6	20	28	5				
1947								1	7	43	53	21	13	39	17	19	6	8	9	8	29	20	5	6	2	3	21	9	7	9	3	7			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	3287	100.0	12	6.6	216	1682	51.2	24	52	74	493	14.9
1	1.00	13	3287	100.0	13	7.9	153	1466	44.6	25	62	87	419	12.7
2	1.20	0	3274	99.6	14	9.3	50	1313	39.9	26	73	68	332	10.1
3	1.40	2	3274	99.6	15	11.0	77	1263	38.4	27	87	63	264	8.0
4	1.70	1	3272	99.5	16	13.0	84	1186	36.1	28	100	71	201	6.1
5	2.00	7	3271	99.5	17	16.0	120	1102	33.5	29	120	70	130	3.9
6	2.40	31	3264	99.3	18	19.0	104	982	29.9	30	150	36	60	1.8
7	2.80	231	3233	98.4	19	22.0	96	878	26.7	31	170	19	24	.7
8	3.30	287	3002	91.3	20	26.0	105	782	23.8	32	200	2	5	.1
9	4.00	383	2715	82.6	21	31.0	50	677	20.6	33	240	2	3	
10	4.70	405	2332	70.9	22	37.0	78	627	19.1	34	290	1	1	
11	5.60	245	1927	58.6	23	44.0	56	549	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
MINNESOTA CREEK NEAR PAONIA, CO.

YEAR	1	3	7	15	30	60	90	120	183
1937	306.0 1	281.0 1	228.0 1	190.0 1	145.0 2	97.0 4	76.0 4	63.0 4	45.0 4
1939	112.0 7	108.0 7	106.0 7	96.0 7	89.0 7	69.0 8	53.0 8	43.0 8	31.0 8
1940	144.0 5	141.0 5	137.0 5	124.0 5	107.0 5	76.0 5	59.0 7	47.0 7	34.0 7
1942	184.0 2	177.0 2	175.0 2	168.0 2	160.0 1	146.0 1	124.0 1	100.0 1	69.0 1
1943	104.0 8	102.0 8	95.0 8	84.0 8	73.0 8	71.0 7	60.0 5	51.0 5	38.0 5
1944	175.0 4	174.0 4	167.0 3	152.0 3	142.0 3	112.0 2	83.0 3	66.0 3	46.0 3
1945	180.0 3	175.0 3	156.0 4	139.0 4	131.0 4	112.0 3	89.0 2	72.0 2	51.0 2
1946	86.0 9	82.0 9	76.0 9	73.0 9	68.0 9	62.0 9	50.0 9	40.0 9	29.0 9
1947	140.0 6	134.0 6	129.0 6	113.0 6	94.0 6	76.0 6	59.0 6	50.0 6	36.0 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
MINNESOTA CREEK NEAR PAONIA, CO.

YEAR	1	3	7	14	30	60	90	120	183
1939	3.00 6	3.00 5	3.00 5	3.00 4	3.00 1	3.00 1	3.30 1	4.10 4	4.30 5
1940	2.20 2	2.50 3	2.70 3	2.70 1	3.10 4	3.50 3	3.90 3	3.90 2	4.10 2
1943	2.20 3	2.30 2	2.50 2	2.70 2	3.00 2	3.70 4	4.10 6	4.40 5	4.20 4
1944	3.50 7	3.70 7	3.90 7	4.00 7	4.10 7	4.40 7	4.50 7	4.60 7	5.10 7
1945	2.90 5	3.00 6	3.10 6	3.10 5	3.80 6	4.00 6	4.00 4	4.10 3	4.10 3
1946	2.80 4	2.80 4	3.00 4	3.20 6	3.50 5	3.80 5	4.10 5	4.40 6	4.90 6
1947	1.40 1	1.60 1	2.10 1	2.80 3	3.00 3	3.10 2	3.30 2	3.80 1	3.90 1

09134500 LEROUX CREEK NEAR CEDAREDDGE, COLO.--Continued

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

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	10592	100.0	12	14.0	361	5161	48.7	24	140	120	1097	10.3
1	1.70	3	10592	100.0	13	17.0	454	4800	45.3	25	160	232	977	9.2
2	2.20	28	10589	100.0	14	21.0	516	4346	41.0	26	200	203	745	7.0
3	2.60	36	10561	99.7	15	25.0	577	3830	36.2	27	240	187	542	5.1
4	3.20	104	10525	99.4	16	30.0	537	3253	30.7	28	290	129	355	3.3
5	3.80	444	10421	98.4	17	36.0	445	2716	25.6	29	350	85	226	2.1
6	4.60	901	9977	94.2	18	44.0	235	2271	21.4	30	420	81	141	1.3
7	5.60	1367	9076	85.7	19	53.0	252	2036	19.2	31	500	42	60	.5
8	6.70	1126	7709	72.8	20	64.0	174	1784	16.8	32	610	12	18	.1
9	8.10	637	6583	62.2	21	77.0	159	1610	15.2	33	730	4	6	
10	9.80	435	5946	56.1	22	93.0	127	1451	13.7	34	880	2	2	
11	12.00	350	5511	52.0	23	110.0	227	1324	12.5					

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

YEAR	1	3	7	15	30	60	90	120	183
1937	496.0 11	479.0 10	458.0 10	417.0 5	329.0 7	223.0 10	167.0 11	132.0 11	92.0 11
1938	665.0 4	642.0 4	633.0 2	568.0 2	491.0 1	356.0 1	269.0 1	211.0 1	144.0 1
1939	399.0 20	344.0 21	338.0 19	310.0 16	256.0 18	176.0 20	129.0 19	102.0 19	72.0 20
1940	521.0 9	474.0 11	456.0 11	391.0 9	274.0 14	179.0 18	128.0 20	101.0 20	72.0 21
1941	884.0 2	758.0 2	629.0 3	519.0 3	448.0 2	315.0 3	229.0 3	180.0 3	126.0 3
1942	974.0 1	867.0 1	725.0 1	601.0 1	448.0 3	291.0 4	217.0 4	175.0 4	120.0 4
1943	470.0 15	447.0 13	401.0 13	311.0 15	222.0 21	182.0 17	139.0 16	113.0 16	80.0 16
1944	488.0 12	464.0 12	389.0 14	362.0 12	341.0 5	254.0 5	185.0 7	145.0 8	99.0 9
1945	438.0 17	384.0 18	319.0 21	283.0 21	256.0 19	218.0 12	162.0 12	130.0 12	92.0 12
1946	182.0 29	176.0 29	169.0 29	161.0 29	134.0 29	111.0 28	85.0 28	69.0 28	50.0 29
1947	580.0 6	538.0 6	482.0 8	360.0 13	297.0 9	224.0 9	174.0 9	140.0 9	99.0 10
1948	535.0 7	510.0 8	483.0 7	375.0 10	296.0 10	203.0 13	151.0 13	122.0 14	86.0 14
1949	364.0 21	349.0 20	336.0 20	290.0 18	273.0 15	235.0 8	182.0 8	148.0 7	103.0 7
1950	413.0 19	379.0 19	349.0 18	331.0 14	273.0 16	192.0 15	151.0 14	124.0 13	88.0 13
1951	486.0 13	440.0 14	354.0 17	280.0 22	206.0 24	144.0 23	107.0 23	88.0 23	64.0 24
1952	610.0 5	570.0 5	520.0 5	492.0 4	430.0 4	339.0 2	254.0 2	200.0 2	141.0 2
1953	352.0 23	313.0 24	295.0 23	268.0 23	203.0 25	129.0 25	96.0 25	79.0 25	58.0 25
1954	271.0 28	243.0 28	223.0 28	200.0 28	158.0 28	117.0 26	87.0 26	73.0 26	55.0 26
1955	364.0 22	331.0 22	309.0 22	290.0 19	239.0 20	177.0 19	132.0 18	107.0 18	77.0 18
1956	328.0 26	291.0 26	253.0 27	236.0 25	212.0 22	152.0 22	112.0 22	91.0 22	66.0 22
1961	296.0 27	278.0 27	260.0 26	234.0 26	175.0 26	114.0 27	85.0 27	71.0 27	54.0 27
1962	426.0 18	415.0 17	375.0 16	295.0 17	270.0 17	245.0 7	205.0 5	165.0 5	118.0 5
1963	333.0 25	311.0 25	295.0 24	231.0 27	165.0 27	109.0 29	82.0 29	68.0 29	50.0 28
1964	710.0 3	649.0 3	534.0 4	415.0 6	293.0 11	171.0 21	126.0 21	101.0 21	72.0 19
1965	471.0 14	435.0 15	377.0 15	284.0 20	280.0 13	220.0 11	170.0 10	139.0 10	101.0 8
1966	342.0 24	317.0 23	294.0 25	242.0 24	206.0 23	139.0 24	105.0 24	87.0 24	64.0 23
1967	520.0 10	509.0 9	475.0 9	370.0 11	286.0 12	189.0 16	138.0 17	111.0 17	80.0 17
1968	534.0 8	519.0 7	490.0 6	411.0 7	311.0 8	197.0 14	143.0 15	117.0 15	83.0 15
1969	450.0 16	433.0 16	425.0 12	395.0 8	336.0 6	249.0 6	199.0 6	160.0 6	116.0 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
LEROUX CREEK NEAR CEDAREDDGE, CO.

YEAR	1	3	7	14	30	60	90	120	183
1938	5.90 26	6.00 26	6.00 25	6.00 23	6.00 20	6.50 23	6.70 23	7.10 23	8.50 20
1939	5.50 24	5.50 24	5.50 21	5.50 18	5.60 17	6.10 20	6.70 24	7.40 26	9.40 22
1940	3.60 6	3.90 6	4.00 5	4.10 4	4.30 4	4.40 4	4.50 4	4.80 4	5.70 3
1941	5.60 25	6.00 25	6.00 26	6.00 24	6.00 21	6.00 15	6.30 17	6.80 21	11.00 25
1942	7.00 27	7.00 27	7.00 27	7.00 27	7.10 27	7.50 27	7.90 27	8.40 27	21.00 27
1943	4.50 11	4.50 10	4.50 8	4.50 5	4.50 5	4.70 6	5.10 6	5.50 8	6.00 4
1944	3.50 4	3.50 4	3.50 3	3.50 2	3.50 2	3.50 2	3.70 2	4.00 2	5.40 2
1945	5.00 20	5.00 17	5.00 13	5.00 13	5.00 8	5.00 7	5.20 7	5.50 9	6.00 5
1946	4.50 12	4.50 11	4.50 9	4.50 6	4.50 6	4.50 5	4.70 5	5.10 5	6.60 10
1947	5.00 21	5.10 18	5.30 18	5.40 16	5.40 14	5.50 12	5.90 13	6.60 19	8.00 16
1948	4.80 15	4.90 15	5.10 16	5.20 14	5.20 12	5.40 11	5.80 11	6.30 16	9.40 23
1949	5.20 23	5.40 22	5.90 23	6.30 25	6.40 25	6.50 24	6.60 21	6.70 20	7.50 14
1950	5.00 22	5.10 19	5.60 22	5.80 21	5.90 19	6.00 16	6.00 14	6.10 13	7.00 11
1951	1.80 1	3.30 3	4.40 6	4.90 8	5.30 13	6.00 17	6.30 18	6.50 17	6.50 9
1952	4.80 16	4.90 16	5.00 14	5.00 9	5.00 9	5.20 9	5.20 8	5.30 6	6.40 8
1953	5.00 17	5.10 20	5.40 19	5.60 19	5.70 18	6.00 18	6.00 15	6.00 11	7.80 15
1954	4.50 13	4.80 14	5.10 15	5.80 22	6.30 22	6.50 25	6.60 22	6.60 18	7.30 12
1955	4.00 7	4.50 12	5.30 17	5.40 17	5.60 15	6.10 19	6.30 19	6.20 14	7.50 13
1956	4.00 8	4.30 7	4.80 12	5.00 10	5.10 10	5.30 10	5.40 9	5.50 7	6.20 7
1962	5.00 18	5.30 21	6.00 24	6.30 26	6.30 23	6.40 21	6.60 20	7.00 22	10.00 24
1963	4.00 9	4.30 8	4.70 10	5.00 11	5.20 11	5.80 13	6.00 16	6.20 15	8.40 19
1964	2.00 2	2.10 1	2.20 1	2.20 1	2.30 1	2.60 1	2.90 1	3.20 1	4.90 1
1965	3.60 5	3.60 5	3.70 4	3.70 3	3.80 3	3.90 3	3.90 3	4.40 3	6.10 6

GUNNISON RIVER BASIN

09134500 LEROUX CREEK NEAR CEDAREDDGE, 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
LEROUX CREEK NEAR CEDAREDDGE, CO.

YEAR	1	3	7	14	30	60	90	120	183
1966	4.60 14	4.70 13	4.80 11	5.20 15	6.50 26	6.80 26	6.90 26	7.30 24	13.00 26
1967	4.40 10	4.50 9	4.50 7	4.60 7	4.70 7	5.00 8	5.50 10	5.80 10	8.20 17
1968	5.00 19	5.50 23	5.50 20	5.60 20	5.60 16	5.80 14	5.90 12	6.10 12	8.30 18
1969	2.90 3	3.30 2	3.40 2	5.00 12	6.30 24	6.40 22	6.80 25	7.30 25	9.00 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)											
14.3	8.87	6.20	5.97	5.74	7.50	54.0	238	141	39.7	27.9	19.6
133	17.8	1.97	1.50	1.33	3.06	1038	5160	6837	143	48.6	48.6
11.6	4.22	1.40	1.22	1.15	1.75	32.2	71.8	82.7	12.0	6.97	6.97
3.69	2.79	0.23	-0.60	-0.22	0.21	0.48	0.42	0.48	0.21	0.22	0.67
0.81	0.48	0.23	0.22	0.20	0.23	0.60	0.30	0.59	0.30	0.25	0.36
2.51	1.56	1.09	0.98	1.01	1.32	9.50	41.9	24.8	6.97	4.90	3.44

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)											
1.08	0.92	0.78	0.73	0.75	0.86	1.64	2.36	2.07	1.58	1.43	1.27
0.05	0.02	0.01	0.01	0.01	0.01	0.10	0.02	0.09	0.02	0.01	0.02
0.22	0.15	0.11	0.11	0.09	0.11	0.31	0.13	0.29	0.14	0.11	0.15
1.44	1.71	-0.91	-1.45	-0.56	-0.54	-0.52	-0.26	-0.42	-0.25	-0.38	0.13
0.21	0.17	0.13	0.15	0.12	0.12	0.19	0.06	0.14	0.09	0.08	0.12
7.01	5.93	5.05	4.75	4.85	5.58	10.6	15.2	13.4	10.2	9.26	8.18

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
47.6	191	13.8	0.59	0.29	-0.135

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.66	0.02	0.12	0.11	0.07	-0.130

09134700 COW CREEK NEAR CEDAREDDGE, COLO.

LOCATION.--Lat 38°55'34", long 107°47'31", in SE¼NW¼ sec.16, T.13 S., R.93 W., Delta County, on right bank at mouth, 300 ft (91 m) upstream from Overland ditch diversion headgate, and 7 mi (11 km) north-east of Cedaredge.

DRAINAGE AREA.--7.24 mi² (18.75 km²).

REMARKS.--Natural flow of stream affected by one small diversion above station to Dever Creek drainage. Most of flow is water imported by Overland ditch from Overland Reservoir (capacity, 6,280 acre-ft or 7.74 hm³) in West Muddy creek drainage. Overland ditch also intercepts intermediate tributaries to North Fork Gunnison River during high flows.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
COW CREEK NEAR CEDAREDDGE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	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	204					5	2	4	2	5	3	3	3	2	6	10	3	5	2	3	7	15	41	31	7	1	1									
1962	79					72	22	7	16	1	1	3			1	2	1	8	1	12	17	16	63	16	8	7	7	4	1							
1963	192					14	12			2	2			2	4		6	6	2	2	10	28	24	34	14	6	3	1	1							
1964	188					1	10	1	4	2	2	2	7	12	8	5	2	1	7	11	9	29	38	11	4	1										
1965	181					1	1	1	6	1	1	4	3	1	3	3	8	7	4	11	20	13	3	11	53	20	3	6								
1966	24						97	76		1	1		1	2	1	6	2	2	2	4	21	47	51	14	5	5	2									
1967	109		12	26		1	8	9	3	4	1	3	2	2	2	3	9	5	9	16	11	9	47	59	6											
1968	9		21	1	31	36	15	51	19	2	4	1	5	6	1	1		2	7	7	4	2	9	13	15	23	50	19	4	4	1			2		
1969	21		7	12	43	35	50	7	3	1		1	1		2	6	3	3		3	6	11	18	22	65	24	7	8	3	3						

09134700 COW CREEK NEAR CEDAREEDGE, COLO.--Continued

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

DISCHARGE, IN CUBIC FEET PER SECDND
MEAN
COW CREEK NEAR CEDAREEDGE, CD.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1007	3287	100.0	12	0.7	19	1515	46.1	24	21	160	984	29.9
1	0.01	0	2280	69.4	13	1.0	31	1496	45.5	25	27	364	824	25.0
2	0.02	40	2280	69.4	14	1.3	11	1465	44.6	26	36	299	460	13.9
3	0.03	1	2240	68.1	15	1.7	12	1454	44.2	27	48	89	161	4.8
4	0.04	59	2239	68.1	16	2.2	26	1442	43.9	28	63	35	72	2.1
5	0.05	79	2170	66.0	17	3.0	31	1416	43.1	29	83	25	37	1.1
6	0.08	51	2091	63.6	18	3.9	59	1385	42.1	30	110	9	12	.3
7	0.10	299	2040	62.1	19	5.2	36	1326	40.3	31	140	1	3	
8	0.20	158	1741	53.0	20	6.8	39	1290	39.2	32	190	2	2	
9	0.30	17	1583	48.2	21	9.0	43	1251	38.1	33				
10	0.40	40	1566	47.6	22	12.0	87	1208	36.8	34				
11	0.60	11	1526	46.4	23	16.0	137	1121	34.1					

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

DISCHARGE, IN CUBIC FEET PER SECDND
MEAN
COW CREEK NEAR CEDAREEDGE, CO.

YEAR	1	3	7	15	30	60	90	120	183									
1961	84.0	7	74.0	8	60.0	8	45.0	8	40.0	9	33.0	9	34.0	6	30.0	8	20.0	8
1962	148.0	2	134.0	2	106.0	2	84.0	2	77.0	1	55.0	1	44.0	1	41.0	2	31.0	1
1963	111.0	4	96.0	4	68.0	6	49.0	6	43.0	6	36.0	8	32.0	9	28.0	9	20.0	9
1964	84.0	8	77.0	7	67.0	7	44.0	9	42.0	7	39.0	5	35.0	5	33.0	6	22.0	7
1965	104.0	6	93.0	5	90.0	3	65.0	4	48.0	4	45.0	2	37.0	4	34.0	4	29.0	4
1966	108.0	5	89.0	6	79.0	5	58.0	5	43.0	5	38.0	6	33.0	7	32.0	7	25.0	6
1967	61.0	9	60.0	9	51.0	9	46.0	7	40.0	8	36.0	7	33.0	8	34.0	5	27.0	5
1968	216.0	1	169.0	1	112.0	1	88.0	1	60.0	2	43.0	3	43.0	2	42.0	1	31.0	2
1969	120.0	3	106.0	3	80.0	4	76.0	3	55.0	3	39.0	4	38.0	3	37.0	3	30.0	3

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

DISCHARGE, IN CUBIC FEET PER SECDND
MEAN
COW CREEK NEAR CEDAREEDGE, CO.

YEAR	1	3	7	14	30	60	90	120	183									
1962	0.00	1	0.00	1	0.00	1	0.00	1	0.02	5	0.04	5	0.10	7				
1963	0.00	2	0.00	2	0.00	2	0.00	2	0.00	1	0.00	1	0.03	3				
1964	0.00	3	0.00	3	0.00	3	0.00	3	0.00	2	0.00	2	0.00	1				
1965	0.00	4	0.00	4	0.00	4	0.00	4	0.00	3	0.00	3	0.00	2				
1966	0.00	5	0.00	5	0.00	5	0.00	5	0.04	8	0.10	8	0.13	8	0.14	8	0.51	8
1967	0.00	6	0.00	6	0.00	6	0.00	6	0.00	5	0.00	5	0.01	4	0.04	4	0.04	4
1968	0.00	7	0.01	8	0.01	8	0.02	8	0.02	6	0.03	6	0.04	6	0.05	6	0.09	6
1969	0.00	8	0.00	7	0.00	7	0.00	7	0.02	7	0.04	7	0.05	7	0.06	7	0.08	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)											
0.07	0.06	0.05	0.02	0.03	0.93	18.3	39.4	26.7	30.9	30.1	10.3
0.01	0.01	0.00	0.00	0.00	2.04	295	124	57.7	34.8	165	137
0.08	0.08	0.07	0.03	0.04	1.43	17.2	11.1	7.60	5.90	12.9	11.7
0.82	0.79	1.47	1.94	1.27	1.99	0.75	0.47	-0.98	0.59	-0.39	1.07
1.14	1.20	1.31	1.70	1.37	1.54	0.94	0.28	0.28	0.19	0.43	1.14
0.04	0.04	0.03	0.01	0.02	0.59	11.7	25.1	17.0	19.7	19.2	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)											
-1.02	-0.85	-0.62	-0.67	-0.56	-0.58	1.05	1.58	1.41	1.48	1.43	0.51
0.61	0.70	0.39	0.74	0.46	0.70	0.23	0.02	0.02	0.01	0.06	0.88
0.78	0.83	0.62	0.86	0.68	0.84	0.48	0.12	0.16	0.08	0.25	0.94
-0.22	-0.82	-0.12	-0.75	-0.38	-0.28	0.02	-0.12	-1.92	0.22	-1.50	-0.81
-0.77	-0.98	-1.01	-1.27	-1.20	-1.44	0.46	0.08	0.11	0.05	0.17	1.84
-32.4	-27.1	-19.6	-21.4	-18.0	-18.4	33.5	50.2	44.7	47.2	45.4	16.1

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
13.2	5.54	2.35	-0.34	0.18	-0.127

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.11	0.01	0.08	-0.47	0.07	-0.121

GUNNISON RIVER BASIN

09135000 LEROUX CREEK NEAR LAZEAR, COLO.

LOCATION.--Lat 38°52'52", long 106°46'30", in SE¼NE¼ sec.33, T.13 S., R.93 W., Delta County, at highway bridge 100 ft (30 m) downstream from Dever Creek and 7 mi (11 km) north of Lazear.

DRAINAGE AREA.--51.8 mi² (134.2 km²).

REMARKS.--Natural flow of stream affected by storage reservoirs, diversions above station for irrigation of land above and below station, and water imported from and exported to nearby streams.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LEROUX CREEK NEAR LAZEAR, CO.

CLASS YEAR	NUMBER OF DAYS IN CLASS																																			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
1919							1	16	40	90	34	11	29	15	4	13	15	17	10	10	7	7	1	2	4	6	13	12	4	4						
1920			1	43	49		8	39	8	18	18	21	16	6	11	15	19	6	8	8	2	2	2	5	6	3	6	5	6	8	3	10	13	1		
1921					30		1	32	38	4	33	8	13	19	24	12	16	27	26	20	5	6	3	2	3	2	7	2	5	11	10	5	1			
1922	1	1	4	6	3	6	1	76	29	61	6	10	1	9	23	14	5	7	12	11	1	7	9	9	5	2	6	3	8	10	8	4				
1923				6	14			62	69	31					1		33	43	39	8	3	7	5	3	8	6	5	5	11	5	1					
1924					8		12	8	123	27	30	13	14	23	21	18	5	12	2	3	7	2	5	4	5	4	3	7	10							
1925					22	5	5	42	28	49	14	12	8	4	7	17	25	15	14	19	11	6	14	18	9	12	7	2								
1926							3		11	5	5	10	15	24	85	72	23	17	15	8	5	7	7	11	3	10	20	9								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2922	100.0	12	4.4	152	1786	61.1	24	84	47	437	14.9
1	0.30	1	2922	100.0	13	5.7	106	1634	55.9	25	110	58	390	13.3
2	0.40	1	2921	100.0	14	7.2	79	1528	52.3	26	140	41	332	11.3
3	0.50	4	2920	99.9	15	9.3	99	1449	49.6	27	170	56	291	9.9
4	0.60	7	2916	99.8	16	12.0	182	1350	46.2	28	220	66	235	8.0
5	0.80	46	2909	99.6	17	15.0	161	1168	40.0	29	290	34	169	5.7
6	1.00	121	2863	98.0	18	19.0	145	1007	34.5	30	360	43	135	4.6
7	1.30	15	2742	93.8	19	25.0	132	862	29.5	31	470	39	92	3.1
8	1.70	166	2727	93.3	20	31.0	136	730	25.0	32	590	29	53	1.8
9	2.10	151	2561	87.6	21	40.0	77	594	20.3	33	760	22	24	.8
10	2.70	316	2410	82.5	22	51.0	37	517	17.7	34	970	2	2	
11	3.50	308	2094	71.7	23	66.0	43	480	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
LEROUX CREEK NEAR LAZEAR, CO.

YEAR	1	3	7	15	30	60	90	120	183
1919	467.0 6	411.0 6	319.0 6	263.0 7	248.0 6	181.0 7	130.0 7	101.0 7	69.0 8
1920	998.0 1	872.0 2	845.0 1	808.0 1	720.0 1	482.0 1	337.0 1	258.0 1	172.0 1
1921	971.0 2	896.0 1	779.0 2	703.0 2	589.0 2	396.0 2	277.0 2	216.0 2	149.0 2
1922	856.0 3	800.0 3	776.0 3	665.0 3	508.0 3	377.0 3	270.0 3	208.0 3	139.0 3
1923	612.0 4	556.0 4	513.0 5	440.0 5	368.0 4	243.0 4	173.0 4	138.0 4	99.0 4
1924	544.0 5	539.0 5	516.0 4	483.0 4	345.0 5	224.0 5	157.0 5	121.0 5	81.0 5
1925	306.0 8	293.0 8	274.0 8	224.0 8	186.0 8	152.0 8	116.0 8	92.0 8	74.0 7
1926	316.0 7	307.0 7	295.0 7	287.0 6	231.0 7	196.0 6	144.0 6	111.0 6	78.0 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
LEROUX CREEK NEAR LAZEAR, CO.

YEAR	1	3	7	14	30	60	90	120	183
1919	1.60 6	1.70 5	1.90 6	2.00 6	2.10 6	2.40 5	2.60 6	2.70 5	3.20 5
1920	0.70 2	0.80 2	0.80 2	0.80 2	0.80 1	0.90 1	0.94 1	1.10 1	1.60 1
1921	1.10 4	1.10 4	1.10 4	1.10 4	1.10 2	1.80 2	2.20 3	2.70 6	4.60 6
1922	1.19 5	1.80 6	1.90 5	2.00 5	2.00 4	2.00 4	2.10 2	2.30 2	2.70 2
1923	0.30 1	0.40 1	0.47 1	0.62 1	1.50 3	1.90 3	2.40 4	2.60 3	2.90 3
1924	2.00 7	3.30 7	3.70 7	3.90 7	4.00 7	4.00 7	4.00 7	4.20 7	5.70 7
1925	1.00 3	1.00 3	1.00 3	1.00 3	2.10 5	2.50 6	2.40 5	2.70 4	3.20 4
1926	4.10 8	5.50 8	8.30 8	8.50 8	11.00 8	13.00 8	14.00 8	14.00 8	21.00 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)											
9.80	4.78	4.12	4.05	5.10	6.54	55.0	331	194	27.5	18.2	15.8
248	36.9	18.7	16.9	20.3	12.0	1603	14820	22410	107	103	308
15.8	6.07	4.32	4.12	4.50	3.46	40.0	122	150	10.4	10.2	17.6
2.68	2.42	2.54	2.57	2.58	1.18	0.54	-0.01	1.03	0.23	0.44	1.79
1.61	1.27	1.05	1.02	0.88	0.53	0.73	0.37	0.77	0.38	0.56	1.11
1.45	0.71	0.61	0.60	0.75	0.97	8.14	49.0	28.7	4.07	2.69	2.34

09135000 LEROUX CREEK NEAR LAZEAR, 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)											
0.71	0.47	0.48	0.48	0.62	0.77	1.60	2.49	2.17	1.41	1.19	0.99
0.21	0.17	0.12	0.10	0.07	0.04	0.17	0.03	0.13	0.03	0.07	0.19
0.45	0.41	0.35	0.32	0.27	0.21	0.41	0.17	0.36	0.17	0.27	0.44
1.67	1.08	0.59	0.98	1.61	0.78	-0.81	-0.30	-0.14	-0.02	-0.31	0.66
0.64	0.87	0.74	0.67	0.44	0.27	0.26	0.07	0.17	0.12	0.22	0.44
5.30	3.55	3.55	3.61	4.60	5.74	12.0	18.6	16.2	10.5	8.91	7.43

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
56.6	363	19.1	0.60	0.34	0.287

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.73	0.02	0.14	0.33	0.08	0.269

09136200 GUNNISON RIVER NEAR LAZEAR, COLO.

LOCATION.--Lat 38°46'59", long 107°50'14", in NE¼NE¼ sec.1, T.15 S., R.94 W., Delta County, on left bank 300 ft (91 m) downstream from North Fork Gunnison River and 3.0 mi (4.8 km) west of Lazear.

DRAINAGE AREA.--5,241 mi² (13,574 km²).

REMARKS.--Natural flow of stream affected by transmountain and transbasin diversions, storage reservoirs, power development, and diversions for irrigation of about 150,000 acres (607 km²), part of which is in the Uncompahgre River basin.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
GUNNISON RIVER NEAR LAZEAR, 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																																					
1969					5	2	7	6	5	14	16	19	22	16	10	7	14	4	15	18	114	9	17	9	8	14	4	5	1	2	2						
1970							2	1	1	1			11	25	9	15	17	39	107	52	17	4	4	6	4	7	9	11	5	8	5	3			2		
1971											4	2	3	5	6	10	33	18	12	13	45	63	44	34	44	18	6	1	4								
1972				13	24	6	12	19	7	17	9	9	15	17	29	15	22	20	49	48	24	9	2														
1973				10	1	2	3	5	10	10	10	12	8	42	14	14	48	18	36	19	21	13	13	6	8	15	2	3	12	6	5	5	4				
1974		6	5	2	1	2	30	20	15	13	9	16	11	12	5	4	25	7	15	30	14	13	25	56	15	7	2	2	1	2							
1975				3	3	4	20	34	19	5	8	9	3	8	13	10	27	13	44	39	19	2	4	10	14	13	6	6	8	10	3	7	1				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2556	100.0	12	680.0	62	2078	81.3	24	3000	95	326	12.7
1	175.00	6	2556	100.0	13	770.0	111	2016	78.9	25	3400	71	231	9.0
2	200.00	5	2550	99.8	14	870.0	102	1905	74.5	26	3900	27	160	6.2
3	220.00	18	2545	99.6	15	990.0	69	1803	70.5	27	4400	24	133	5.2
4	250.00	43	2527	98.9	16	1100.0	184	1734	67.8	28	4900	38	109	4.2
5	290.00	15	2484	97.2	17	1300.0	97	1550	60.6	29	5600	24	71	2.7
6	320.00	71	2469	96.6	18	1400.0	210	1453	56.8	30	6300	20	47	1.8
7	370.00	84	2398	93.8	19	1600.0	274	1243	48.6	31	7200	17	27	1.0
8	420.00	52	2314	90.5	20	1800.0	289	969	37.9	32	8100	8	10	.3
9	470.00	60	2262	88.5	21	2100.0	126	680	26.6	33	9200		2	
10	530.00	57	2202	86.2	22	2400.0	109	554	21.7	34	10000	2	2	
11	600.00	67	2145	83.9	23	2700.0	119	445	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
GUNNISON RIVER NEAR LAZEAR, CO.

YEAR	1	3	7	15	30	60	90	120	183
1969	7000.0 4	6550.0 4	5730.0 4	4900.0 4	4070.0 4	3480.0 4	2960.0 5	2640.0 5	2290.0 6
1970	10600.0 1	9320.0 1	7630.0 3	6310.0 3	5750.0 3	5370.0 1	4330.0 1	3710.0 1	3060.0 1
1971	5390.0 6	4910.0 6	4610.0 6	4030.0 6	3630.0 5	3430.0 5	3300.0 4	3130.0 4	2870.0 2
1972	2550.0 7	2330.0 7	1930.0 7	1900.0 7	1830.0 7	1750.0 7	1690.0 7	1640.0 7	1460.0 7
1973	8800.0 2	8210.0 2	7930.0 1	6580.0 2	6220.0 1	5090.0 2	3900.0 3	3280.0 3	2520.0 4
1974	6580.0 5	6280.0 5	5380.0 5	4360.0 5	3430.0 6	2870.0 6	2800.0 6	2620.0 6	2490.0 5
1975	8280.0 3	7880.0 3	7800.0 2	7020.0 1	6220.0 2	5000.0 3	4200.0 2	3450.0 2	2750.0 3

GUNNISON RIVER BASIN

09137800 DIRTY GEORGE CREEK NEAR GRAND MESA, COLO.

LOCATION.--Lat 38°57'41", long 108°01'39", in SE&SE& sec.5, T.13 S., R.95 W., Delta County, on left bank 200 ft (61 m) upstream from falls on Cedar Park ditch, 3.5 mi (5.6 km) upstream from confluence with Sara Creek, 6.3 mi (10.1 km) northwest of Cedaredge, and 8 mi (13 km) southwest of Grand Mesa.

DRAINAGE AREA.--10.6 mi² (27.5 km²).

REMARKS.--Natural flow of stream affected by storage reservoirs, diversions above station for municipal water supply for town of Delta, and three small diversions above station for irrigation below.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

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		
1959												11	81	76	35	35	23	51	20	24	6	2	1														
1960						91	46			16	12	6	6	6	6	10	19	20	42	42	13	12	5	6	2	6											
1961						74	56			9	2	5	14	11	14	17	31	58	26	16	4	12	7	7	2												
1962										31		42	62	15	5	11	15	24	37	25	14	20	6	14	8	10	9	10	4	3							
1963						1	7			11	12	18	122	59	25	16	18	45	15	7	2	1	6														
1964						49	63			1	31	24	15	5	3	12	20	22	44	35	14	7	8	5	6	1	1										
1965						20	44	81		7	8	4	8	12	11	2	2	18	30	27	20	9	4	8	5	10	11	8	7	7	2						
1966																	52	57	89	57	36	12	13	10	12	10	6	7	4								
1967		1	8	11	19	5	13	7	14	8	6	13	20	23	30	6	21	32	18	51	42	12	3														
1968			23	39	66	1	3		2	1		6	8	4	10	8	24	41	37	26	16	5	13	6	5	4	4	4	8	2							
1969						1			3	4	88	43		1	2		14	37	21	17	22	17	31	7	10	7	12	17	7	3	1						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4018	100.0	12	2.5	195	2922	72.7	24	15	68	270	6.7
1	0.30	1	4018	100.0	13	2.9	321	2727	67.9	25	18	39	202	5.0
2	0.50	31	4017	100.0	14	3.3	183	2406	59.9	26	20	49	163	4.0
3	0.60	50	3986	99.2	15	3.9	124	2223	55.3	27	24	48	114	2.8
4	0.70	85	3936	98.0	16	4.5	210	2099	52.2	28	28	37	66	1.6
5	0.90	6	3851	95.8	17	5.2	325	1889	47.0	29	32	16	29	.7
6	1.00	252	3845	95.7	18	6.1	394	1564	38.9	30	37	11	13	.3
7	1.20	51	3593	89.4	19	7.1	360	1170	29.1	31	44	2	2	
8	1.30	272	3542	88.2	20	8.3	253	810	20.2	32	51			
9	1.60	21	3270	81.4	21	9.6	108	557	13.9	33	59			
10	1.80	200	3249	80.9	22	11.0	123	449	11.2	34				
11	2.10	127	3049	75.9	23	13.0	56	326	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

YEAR	1	3	7	15	30	60	90	120	183
1959	11.0 11	10.0 11	9.4 11	7.9 11	7.3 11	6.9 11	6.5 11	6.0 10	5.1 10
1960	23.0 6	22.0 6	20.0 6	16.0 6	12.0 6	11.0 6	10.0 6	9.9 6	8.8 6
1961	19.0 8	17.0 7	15.0 8	13.0 8	12.0 7	11.0 7	9.4 7	8.6 7	7.6 7
1962	39.0 3	38.0 2	35.0 2	32.0 1	28.0 2	23.0 2	19.0 3	16.0 3	13.0 3
1963	14.0 9	14.0 9	13.0 9	11.0 9	9.4 9	7.5 10	6.7 10	5.9 11	4.9 11
1964	20.0 7	17.0 8	16.0 7	14.0 7	11.0 8	9.1 8	8.5 8	8.3 8	7.2 8
1965	45.0 1	44.0 1	40.0 1	31.0 2	31.0 1	26.0 1	21.0 1	18.0 1	14.0 1
1966	29.0 5	28.0 5	27.0 5	24.0 5	20.0 5	17.0 4	15.0 4	13.0 4	11.0 4
1967	11.0 10	11.0 10	10.0 10	9.6 10	9.0 10	8.3 9	7.8 9	7.8 9	6.9 9
1968	32.0 4	31.0 4	30.0 3	26.0 4	21.0 4	16.0 5	13.0 5	11.0 5	9.4 5
1969	39.0 2	32.0 3	29.0 4	27.0 3	26.0 3	21.0 3	19.0 2	17.0 2	13.0 2

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

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1959	2.20 10	2.50 11	2.50 10	2.60 10	2.60 9	2.70 9	2.80 9	2.80 9	3.40 9
1960	1.00 3	1.00 3	1.00 3	1.00 3	1.00 3	1.00 3	1.00 2	1.10 2	1.50 1
1961	1.00 4	1.00 4	1.00 4	1.00 4	1.00 4	1.00 4	1.10 4	1.19 3	1.80 4
1962	2.00 9	2.00 9	2.00 9	2.00 9	2.00 8	2.20 8	2.40 8	2.60 8	3.20 8
1963	2.40 11	2.50 10	2.70 11	2.90 11	2.90 10	3.20 10	3.20 10	3.20 10	3.80 10
1964	1.00 5	1.00 5	1.00 5	1.00 5	1.00 5	1.10 5	1.19 5	1.30 4	1.70 2
1965	1.00 6	1.00 6	1.00 6	1.00 6	1.10 6	1.10 6	1.19 6	1.30 5	1.80 3
1966	1.19 8	1.19 7	1.30 7	1.50 7	5.00 11	5.40 11	5.90 11	6.30 11	6.80 11
1967	0.40 1	0.50 1	0.56 2	0.60 2	0.66 2	0.79 2	1.00 3	1.40 6	2.40 6
1968	0.50 2	0.50 2	0.54 1	0.56 1	0.57 1	0.60 1	0.63 1	0.66 1	1.90 5
1969	1.10 7	1.30 8	1.60 8	1.80 8	1.90 7	2.00 7	2.00 7	2.00 7	2.80 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)											
4.83	3.06	2.39	2.05	1.95	2.67	9.62	14.6	10.6	7.07	6.91	5.93
1.76	3.81	3.05	2.34	1.95	5.03	45.4	41.2	31.7	5.99	3.22	3.43
1.33	1.95	1.75	1.53	1.39	2.24	6.73	6.42	5.63	2.45	1.80	1.85
-0.37	2.78	2.06	1.93	1.13	2.53	1.10	0.47	1.77	-0.37	-1.30	-0.57
0.27	0.64	0.73	0.75	0.72	0.84	0.70	0.44	0.53	0.35	0.26	0.31
6.73	4.27	3.33	2.86	2.72	3.73	13.4	20.4	14.8	9.86	9.64	8.28

09137800 DIRTY GEORGE CREEK NEAR GRAND MESA, 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)											
0.67	0.44	0.29	0.22	0.19	0.34	0.90	1.12	0.98	0.82	0.82	0.75
0.02	0.04	0.08	0.08	0.09	0.07	0.08	0.04	0.04	0.03	0.02	0.03
0.13	0.20	0.27	0.28	0.30	0.27	0.28	0.20	0.20	0.18	0.14	0.16
-0.72	1.70	0.41	0.41	0.28	1.22	0.66	-0.01	0.89	-1.39	-1.63	-1.12
0.20	0.45	0.93	1.27	1.58	0.79	0.31	0.17	0.20	0.23	0.17	0.21
8.84	5.78	3.90	2.96	2.55	4.48	11.9	14.9	13.0	10.9	10.9	9.94

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
5.99	3.28	1.81	0.54	0.30	-0.113

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.76	0.02	0.13	0.44	0.17	-0.113

09139200 WARD CREEK NEAR GRAND MESA, COLO.

LOCATION.--Lat 38°59'01", long 107°58'17", in SE¼NE¼ sec.26, T.12 S., R.95 W., Delta County, on left bank 300 ft (91 m) upstream from headgate at Lake Fork and Surface Creek Canal, 3.7 mi (6 km) upstream from Williams Creek, 4.1 mi (6.6 km) south of Grand Mesa, and 6.2 mi (10.0 km) northwest of Cedaredge.

DRAINAGE AREA.--12.2 mi² (31.6 km²).

REMARKS.--Flow regulated by numerous small storage reservoirs. At times water is exported from Hotel Lake above station to Baron Lake in Kiser Creek basin.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WARD CREEK NEAR GRAND MESA, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	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													98	31	26	17	7	2	28	9	5	15	10	48	17	4	7	10	4	11	12	4	1958				
1959						6	124	35	2	5	4	9	2	17	16	23	19	17	18	15	25	25	3												1959		
1960					6	1	30	52	50	14	3	3	23	18	5	11	4	7	1	18	7	20	67	16	4	1	2	2	1					1960			
1961						1	128	22	2	9	3	10	5	17	2	11	7	23	6	23	29	14	35	8	2	3	5								1961		
1962							31	41	33	45	6	12	9	6	2	2	2	1	8	3	31	42	48	15	11	11	4									1962	
1963							144	21	2	6	2	6	13	3	15	14	8	4	9	34	46	38														1963	
1964			8	34	4	6	2	40	33	15	24	17	8	3	13	11	4	8	1	11	13	23	44	38	4	2									1964		
1965							74	32	17	2	1	19	3	11	11	8	28	5	5	13	8	4	36	59	13	9	7								1965		
1966					6			2	30	35	36	9	5	14	8	8	4	5	7	10	40	8	25	41	50	10	5	4	3					1966			
1967	1	8	5	26	25	41	16	19	25	17		7	4	4	1	1	9	5	5	3	1	1	21	39	72	9								1967			
1968		2	4	35	34	41	8	8	7	12	8	11	7	2	2	4	3	5	5	2	12	22	15	7	37	33	27	1	5	6	1			1968			
1969							1	42	31	14	5	26	29	4	1	12	14	20	6	1	4	2		15	21	68	25	10	13	1	2			1969			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4383	100.0	12	2.9	93	2745	62.6	24	20	372	1206	27.5
1	0.50	1	4383	100.0	13	3.4	100	2652	60.5	25	24	339	834	19.0
2	0.60	10	4382	100.0	14	4.0	82	2552	58.2	26	28	252	495	11.2
3	0.70	17	4372	99.7	15	4.7	190	2470	56.4	27	33	102	243	5.5
4	0.80	101	4355	99.4	16	5.6	107	2280	52.0	28	38	48	141	3.2
5	1.00	69	4254	97.1	17	6.5	121	2173	49.6	29	45	41	93	2.1
6	1.10	89	4185	95.5	18	7.7	138	2052	46.8	30	53	18	52	1.1
7	1.30	132	4096	93.5	19	9.0	94	1914	43.7	31	62	7	34	.7
8	1.50	360	3964	90.4	20	11.0	53	1820	41.5	32	73	11	27	.6
9	1.80	524	3604	82.2	21	12.0	185	1767	40.3	33	85	12	16	.3
10	2.10	200	3080	70.3	22	15.0	143	1582	36.1	34	100	4	4	
11	2.50	135	2680	65.7	23	17.0	233	1439	32.8					

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WARD CREEK NEAR GRAND MESA, CO.

YEAR	1	3	7	15	30	60	90	120	183
1958	110.0 1	103.0 1	97.0 1	90.0 1	79.0 1	64.0 1	53.0 1	47.0 1	37.0 1
1959	26.0 11	25.0 11	22.0 11	21.0 11	17.0 12	17.0 12	15.0 12	15.0 12	12.0 12
1960	53.0 4	49.0 5	42.0 7	34.0 7	27.0 7	23.0 9	23.0 7	22.0 8	17.0 8
1961	40.0 9	39.0 8	37.0 8	32.0 8	27.0 8	21.0 10	20.0 10	19.0 10	15.0 10
1962	48.0 7	47.0 7	45.0 4	40.0 5	34.0 5	31.0 5	27.0 5	25.0 5	23.0 5
1963	22.0 12	22.0 12	22.0 12	21.0 12	21.0 11	19.0 11	18.0 11	18.0 11	14.0 11
1964	40.0 8	31.0 9	28.0 9	27.0 9	26.0 9	24.0 8	22.0 9	22.0 9	16.0 9
1965	50.0 5	50.0 4	45.0 5	41.0 4	39.0 4	34.0 3	33.0 3	31.0 3	24.0 3

GUNNISON RIVER BASIN

09139200 WARD CREEK NEAR GRAND MESA, 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
WARD CREEK NEAR GRAND MESA, CO.

YEAR	1	3	7	15	30	60	90	120	183
1966	49.0 6	48.0 6	44.0 6	39.0 6	30.0 6	25.0 6	23.0 8	24.0 6	21.0 5
1967	32.0 10	29.0 10	27.0 10	27.0 10	26.0 10	25.0 7	24.0 6	24.0 7	19.0 7
1968	68.0 2	63.0 2	59.0 2	52.0 2	41.0 2	32.0 4	30.0 4	31.0 4	23.0 4
1969	64.0 3	60.0 3	50.0 3	47.0 3	41.0 3	39.0 2	36.0 2	35.0 2	29.0 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
WARD CREEK NEAR GRAND MESA, CO.

YEAR	1	3	7	14	30	60	90	120	183
1959	1.50 8	1.60 9	1.60 9	1.80 9	1.80 9	1.90 10	1.90 9	1.90 7	2.80 6
1960	1.00 5	1.00 5	1.00 5	1.40 5	1.40 5	1.50 5	1.60 6	1.60 4	2.40 2
1961	1.40 6	1.50 6	1.50 6	1.50 6	1.50 6	1.50 6	1.50 5	1.60 5	2.50 3
1962	1.50 9	1.50 7	1.50 7	1.50 7	1.50 7	1.70 7	1.90 10	2.00 9	2.90 7
1963	1.80 11	1.80 10	1.80 10	1.80 10	1.80 10	1.80 9	1.80 7	1.90 8	2.70 5
1964	0.80 4	0.80 4	0.80 4	0.80 2	0.81 1	1.10 3	1.40 3	1.70 6	2.60 4
1965	0.70 3	0.70 3	0.70 2	0.85 4	1.30 4	1.30 4	1.40 4	1.50 3	3.70 10
1966	1.60 10	1.80 11	2.00 11	2.00 11	2.00 11	2.10 11	2.20 11	2.40 11	4.60 11
1967	0.50 1	0.63 1	0.68 1	0.73 1	0.99 3	1.00 2	1.10 2	1.19 2	1.60 1
1968	0.60 2	0.65 2	0.73 3	0.81 3	0.87 2	0.91 1	0.97 1	1.00 1	3.60 9
1969	1.40 7	1.50 8	1.50 8	1.60 8	1.60 8	1.70 8	1.80 8	2.20 10	3.50 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)											
7.96	3.45	2.28	1.93	1.88	2.20	7.61	27.4	26.0	22.7	24.0	17.2
10.7	4.91	1.76	1.41	1.07	1.19	28.7	260	137	33.6	22.0	44.3
3.26	2.22	1.33	1.19	1.03	1.09	5.36	16.1	11.7	5.79	4.69	6.66
0.75	1.14	2.24	2.83	2.88	1.73	0.64	2.28	1.28	0.15	-0.25	0.20
0.41	0.64	0.58	0.61	0.55	0.50	0.70	0.59	0.45	0.25	0.20	0.39
5.50	2.39	1.57	1.33	1.30	1.52	5.26	18.9	18.0	15.7	16.6	11.9

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)											
0.87	0.47	0.31	0.24	0.24	0.30	0.77	1.39	1.38	1.34	1.37	1.20
0.03	0.06	0.04	0.04	0.03	0.04	0.11	0.04	0.03	0.01	0.01	0.03
0.19	0.24	0.21	0.19	0.17	0.20	0.32	0.20	0.18	0.11	0.09	0.18
-0.45	0.91	0.76	1.37	1.86	0.21	0.10	1.21	0.56	-0.25	-0.45	-0.37
0.21	0.52	0.67	0.82	0.72	0.65	0.42	0.14	0.13	0.08	0.06	0.15
8.77	4.75	3.11	2.41	2.40	3.04	7.84	14.1	14.0	13.6	13.9	12.2

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
12.1	16.6	4.07	1.27	0.34	-0.257

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.06	0.02	0.14	0.53	0.13	-0.239

09139500 WARD CREEK NEAR CEDAREDDGE, COLO.

LOCATION.--Lat 38°55'57", long 107°58'36", in NE¼ sec.14, T.13 S., R.95 W., Delta County, 200 ft (61 m) downstream from headgate of Sandstone ditch, 1.7 mi (2.7 km) upstream from Kiser Creek, and 3.3 mi (5.3 km) northwest of Cedaredge.

DRAINAGE AREA.--20.4 mi² (52.8 km²).

REMARKS.--Natural flow of stream affected by diversions to nearby streams, storage reservoirs for irrigation, and diversions above station for irrigation of land both above and below station.

09139500 WARD CREEK NEAR CEDAREEDGE, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WARD CREEK NEAR CEDAREEDGE, 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	
1943	9189	80	26	15	1	3	2			3	4	2	2	3	6	2	2	4	4	3	2	3														
1944	200	43	11	6	6	6	6	6	20	1	3	2	1	3	1	2	1	3	1	1	1		2	2		2	6	11	15	8	3					
1945	4	76	45	6	7	3	12	11	7	18	33	46	28	3	9	4	3	2	5	2	1	3		4	3	2	13	13	2							
1946	11122195	26	2					1	1	1		2	2	1		1																				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	24	1461	100.0	12	1.9	34	196	13.4	24	19	3	78	5.3
1	0.10	587	1437	98.4	13	2.3	8	162	11.1	25	23	4	75	5.1
2	0.20	363	850	58.2	14	2.7	18	154	10.5	26	28	19	71	4.8
3	0.30	69	487	33.3	15	3.3	8	136	9.3	27	35	24	52	3.5
4	0.40	30	418	28.6	16	4.1	7	128	8.8	28	42	17	28	1.9
5	0.50	10	388	26.6	17	4.9	7	121	8.3	29	51	8	11	.7
6	0.60	15	378	25.9	18	6.0	12	114	7.8	30	62	3	3	.2
7	0.70	20	363	24.8	19	7.3	6	102	7.0	31				
8	0.90	14	343	23.5	20	8.8	4	96	6.6	32				
9	1.00	42	329	22.5	21	11.0	6	92	6.3	33				
10	1.30	38	287	19.6	22	13.0	2	86	5.9	34				
11	1.50	53	249	17.0	23	16.0	6	84	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
WARD CREEK NEAR CEDAREEDGE, CO.

YEAR	1	3	7	15	30	60	90	120	183
1943	12.0 3	11.0 3	9.4 3	6.4 3	4.7 3	3.0 3	2.2 3	1.7 3	1.1 3
1944	72.0 1	62.0 1	56.0 1	50.0 1	46.0 1	35.0 1	24.0 1	18.0 1	12.0 1
1945	42.0 2	41.0 2	39.0 2	36.0 2	33.0 2	21.0 2	15.0 2	12.0 2	8.0 2
1946	3.5 4	2.6 4	1.8 4	1.0 4	0.6 4	0.4 4	0.3 4	0.3 4	0.3 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
WARD CREEK NEAR CEDAREEDGE, CO.

YEAR	1	3	7	14	30	60	90	120	183
1943	0.00 1	0.00 1	0.04 1	0.07 1	0.09 1	0.10 1	0.11 2	0.14 2	0.14 2
1944	0.10 3	0.10 3	0.10 3	0.10 3	0.10 2	0.10 2	0.10 1	0.10 1	0.10 1
1945	0.10 4	0.10 4	0.10 4	0.10 4	0.11 3	0.34 4	0.32 4	0.38 4	0.74 4
1946	0.00 2	0.00 2	0.04 2	0.08 2	0.11 4	0.13 3	0.14 3	0.15 3	0.18 3

09140200 KISER CREEK NEAR GRAND MESA, COLO.

LOCATION.--Lat 38°59'12", long 107°56'35", in NE¼NW¼ sec.30, T.12 S., R.94 W., Delta County, on left bank 400 ft (120 m) upstream from unnamed tributary, 3.5 mi (5.6 km) south of Grand Mesa, 4.4 mi (7.1 km) upstream from Cottonwood Creek, and 6.0 mi (9.7 km) north of Cedareedge.

DRAINAGE AREA.--5.35 mi² (13.86 km²).

REMARKS.--No diversion above station. Flow regulated by numerous small storage reservoirs. At times water is imported from Hotel Lake in Ward Creek basin to Baron Lake above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
KISER CREEK NEAR GRAND MESA, 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
1958							63	105	5	1			1		13	5		3		2	1	5	30	18	13	44	31	20	2	1	2				
1959			1	5	40	86	4	6	5	9	8	10	8	8	13	22	3	12		9	18	17	24	33	15	9									
1960		46	32	23	20	16	6	2	2	6	1	7	15	19	22	18	30	14		3	1	21	8	12	25	17									
1961				1	38	80	42	6	6	6	3	8	12	12	13	11	12	7	15	2	14	7	37	10	6	11	4	2							
1962					31	46	13	41	27	29	9	5	2	1	2	13	19	25	13	20	5	14	9	12	21	8	1								
1963				49	21	31	37	16	7	17	15	18	23	14	3	1	15	8	12	10	17	14	22	12	3										
1964	68	66	1	1	3	22	4	7	4	5	12	16	9	7	5	4	12	12	18	8	7	19	18	27	11										
1965	35	68	34	9	16	3	2	1	7	3	8	4	1	1	3	7	27	17	23	22	29	17	3	8	14	3									
1966								63	43	20	4	8	5	13	16	12	19	15	30	13	9	18	12	26	13	25	1								
1967		2	2	8	5	26	42	30	27	15	5	35	5	3	2	29	27	12	10	3	20	4	12	20	7	12	2								
1968	1	50	78	4	3	1	5	8	14	5	3	3	1	13	3	16	10	15	19	14	31	11	16	8	21	12	1								
1969		1	1	9	6	17	70	23	18		1	2	3	12	7	15	7	10	23	20	16	21	24	13	13	23	8	2							

09140200 KISER CREEK NEAR GRAND MESA, COLO.--Continued

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
KISER CREEK NEAR GRAND MESA, CD.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4383	100.0	12	2.0	121	2340	53.4	24	23	186	548	12.5
1	0.10	104	4383	100.0	13	2.5	87	2219	50.6	25	28	170	362	8.2
2	0.20	233	4279	97.6	14	3.0	117	2132	48.6	26	34	138	192	4.3
3	0.30	149	4046	92.3	15	3.7	93	2015	46.0	27	41	44	54	1.2
4	0.40	109	3897	88.9	16	4.5	137	1922	43.9	28	50	7	10	.2
5	0.50	152	3788	86.4	17	5.5	178	1785	40.7	29	61	1	3	
6	0.60	313	3636	83.0	18	6.8	141	1607	36.7	30	75	2	2	
7	0.70	321	3323	75.8	19	8.3	189	1466	33.4	31				
8	0.90	280	3002	68.5	20	10.0	125	1277	29.1	32				
9	1.10	179	2722	62.1	21	12.0	206	1152	26.3	33				
10	1.40	114	2543	58.0	22	15.0	178	946	21.6	34				
11	1.70	89	2429	55.4	23	18.0	220	768	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
KISER CREEK NEAR GRAND MESA, CO.

YEAR	1	3	7	15	30	60	90	120	183
1958	76.0 1	73.0 1	59.0 1	43.0 1	37.0 1	35.0 1	35.0 1	32.0 1	26.0 1
1959	33.0 9	32.0 9	31.0 9	28.0 9	24.0 11	19.0 11	16.0 11	15.0 11	11.0 11
1960	33.0 10	30.0 11	29.0 11	27.0 11	26.0 9	24.0 7	19.0 9	16.0 9	12.0 8
1961	50.0 4	47.0 3	43.0 3	39.0 4	32.0 4	27.0 5	23.0 6	19.0 6	14.0 6
1962	51.0 3	47.0 4	43.0 4	41.0 3	37.0 2	33.0 2	26.0 4	22.0 4	17.0 3
1963	31.0 11	30.0 12	26.0 12	23.0 12	21.0 12	18.0 12	15.0 12	14.0 12	10.0 12
1964	31.0 12	31.0 10	30.0 10	28.0 10	24.0 10	23.0 8	20.0 7	17.0 7	12.0 9
1965	40.0 8	38.0 7	33.0 8	30.0 8	27.0 8	21.0 10	17.0 10	15.0 10	12.0 10
1966	41.0 7	38.0 8	37.0 6	35.0 6	32.0 5	29.0 3	27.0 2	23.0 3	17.0 4
1967	42.0 6	41.0 5	37.0 7	37.0 5	29.0 6	24.0 6	20.0 8	17.0 8	13.0 7
1968	45.0 5	40.0 6	38.0 5	33.0 7	28.0 7	23.0 9	23.0 5	19.0 5	14.0 5
1969	54.0 2	50.0 2	45.0 2	42.0 2	34.0 3	29.0 4	27.0 3	25.0 2	19.0 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
KISER CREEK NEAR GRAND MESA, CO.

YEAR	1	3	7	14	30	60	90	120	183
1959	0.30 7	0.40 7	0.44 9	0.46 7	0.51 7	0.55 6	0.56 6	0.56 6	3.50 11
1960	0.20 5	0.20 4	0.20 4	0.20 4	0.20 3	0.22 3	0.26 4	0.31 4	1.00 5
1961	0.40 8	0.47 10	0.50 10	0.50 8	0.50 6	0.55 7	0.56 7	0.59 7	0.92 4
1962	0.60 11	0.60 11	0.60 11	0.60 11	0.60 9	0.70 9	0.76 9	0.87 10	1.10 6
1963	0.40 9	0.40 8	0.40 6	0.40 5	0.40 5	0.47 5	0.49 5	0.53 5	0.76 3
1964	0.10 1	0.10 1	0.10 1	0.10 1	0.10 1	0.10 1	0.12 1	0.14 1	0.51 1
1965	0.10 2	0.10 2	0.10 2	0.10 2	0.10 2	0.15 2	0.16 2	0.19 2	0.74 2
1966	0.40 10	0.40 9	0.43 8	0.55 10	1.00 11	1.00 11	1.10 11	1.10 11	2.60 10
1967	0.20 6	0.25 5	0.39 5	0.53 9	0.61 10	0.71 10	0.82 10	0.83 9	1.40 7
1968	0.15 3	0.18 3	0.20 3	0.20 3	0.23 4	0.25 4	0.26 3	0.28 3	1.80 9
1969	0.20 4	0.37 6	0.41 7	0.46 6	0.53 8	0.62 8	0.66 8	0.72 8	1.60 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)											
5.41	1.18	0.63	0.52	0.56	0.81	3.83	9.51	13.8	23.4	24.7	13.3
21.0	0.75	0.12	0.09	0.08	0.14	7.83	27.0	67.2	27.8	58.6	29.9
4.59	0.87	0.35	0.30	0.28	0.38	2.80	5.20	8.20	5.27	7.66	5.47
1.72	0.96	-0.01	0.17	-0.06	0.66	1.24	2.98	2.15	-0.29	0.02	-0.01
0.85	0.73	0.55	0.57	0.50	0.46	0.73	0.55	0.59	0.23	0.31	0.41
5.54	1.21	0.65	0.53	0.57	0.83	3.93	9.75	14.1	24.0	25.3	13.6

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)											
0.61	-0.05	-0.29	-0.38	-0.32	-0.13	0.49	0.94	1.09	1.36	1.37	1.08
0.11	0.13	0.11	0.11	0.07	0.04	0.09	0.03	0.04	0.01	0.02	0.04
0.33	0.36	0.33	0.34	0.27	0.20	0.30	0.17	0.20	0.11	0.15	0.21
0.38	-0.47	-1.09	-1.00	-0.58	0.02	0.41	2.08	1.24	-1.41	-0.59	-0.89
0.55	-7.46	-1.14	-0.88	-0.84	-1.54	0.61	0.18	0.19	0.08	0.11	0.19
10.6	-0.84	-4.99	-6.61	-5.51	-2.29	8.43	16.3	18.9	23.5	23.8	18.8

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
8.19	6.14	2.48	1.59	0.30	-0.127

09140200 KISER CREEK NEAR GRAND MESA, COLO.--Continued

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN 0.90	VARIANCE 0.01	STANDARD DEVIATION 0.12	SKEWNESS 0.96	COEFF. OF VARIATION 0.13	SERIAL CORR -0.103
--------------	------------------	----------------------------	------------------	-----------------------------	-----------------------

09140500 KISER CREEK NEAR CEDAREDDGE, COLO.

LOCATION.--Lat 38°55'46", long 107°57'07", in NE¼NE¼ sec.13, T.13 S., R.95 W., Delta County, 400 ft (120 m) upstream from Cottonwood Creek and 2.4 mi (3.9 km) northwest of Cedaredge.

DRAINAGE AREA.--10.8 mi² (28.0 km²).

REMARKS.--Natural flow of stream affected by storage reservoirs, diversions exporting water to and importing water from nearby streams, 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
KISER CREEK NEAR CEDAREDDGE, CO.

CLASS YEAR	NUMBER OF DAYS IN CLASS																																				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34		
1943					2	24	39	23	23	29	51	100	24	30	12	7	1																				
1944				1	6	10	33	60	42	23	31	19	38	44	11	3	5	3	6	6	4	1	3	2	3	2	3	5	2								
1945				7	5	5	8	4	16	59	83	80	37	28	5	4	2	3	1	2	2			2	5	6	1										
1946				32	46	41	12	8	15	1	16	76	81	20	7	10																					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1461	100.0	12	1.7	87	349	23.9	24	14	8	24	1.6
1	0.10	32	1461	100.0	13	2.0	106	262	17.9	25	17	4	16	1.0
2	0.20	46	1429	97.8	14	2.4	61	156	10.7	26	20	2	12	.8
3	0.30	48	1383	94.7	15	2.9	22	95	6.5	27	24	3	10	.6
4	0.40	20	1335	91.4	16	3.4	6	73	5.0	28	28	5	7	.4
5	0.50	43	1315	90.0	17	4.1	8	67	4.6	29	34	2	2	.1
6	0.60	72	1272	87.1	18	4.9	4	59	4.0	30				
7	0.70	61	1200	82.1	19	5.8	8	55	3.8	31				
8	0.80	115	1139	78.0	20	6.9	8	47	3.2	32				
9	1.00	206	1024	70.1	21	8.3	4	39	2.7	33				
10	1.20	238	818	56.0	22	9.9	3	35	2.4	34				
11	1.40	231	580	39.7	23	12.0	8	32	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
KISER CREEK NEAR CEDAREDDGE, CO.

YEAR	1	3	7	15	30	60	90	120	183
1943	3.4 3	3.1 3	3.1 3	2.9 3	2.6 3	2.3 3	2.1 3	1.9 3	1.7 3
1944	50.0 1	39.0 1	32.0 1	23.0 1	14.0 1	11.0 1	8.4 1	6.8 1	4.9 1
1945	18.0 2	15.0 2	14.0 2	13.0 2	8.5 2	5.0 2	3.8 2	3.3 2	2.6 2
1946	2.2 4	2.1 4	2.1 4	2.0 4	1.7 4	1.4 4	1.3 4	1.3 4	1.3 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
KISER CREEK NEAR CEDAREDDGE, CO.

YEAR	1	3	7	14	30	60	90	120	183
1943	1.00 4	1.10 4	1.10 4	1.10 4	1.19 4	1.30 4	1.30 4	1.40 4	1.70 4
1944	0.40 2	0.40 2	0.46 2	0.50 2	0.57 1	0.72 1	0.70 1	0.82 1	0.87 1
1945	0.50 3	0.53 3	0.57 3	0.63 3	0.74 3	1.00 3	1.10 2	1.19 2	1.19 2
1946	0.30 1	0.30 1	0.33 1	0.36 1	0.67 2	0.96 2	1.19 3	1.19 3	1.19 3

09140700 COTTONWOOD CREEK NEAR GRAND MESA, COLO.

LOCATION.--Lat 38°58'38", long 107°57'00", in SE¼SE¼ sec.25, T.12 S., R.95 W., Delta County, on left bank 200 ft (61 m) upstream from culvert on county highway, 3.5 mi (5.6 km) upstream from mouth, 4.3 mi (6.9 km) south of Grand Mesa, and 5.4 mi (8.7 km) northwest of Cedaredge.

DRAINAGE AREA.--2.15 mi² (5.57 km²).

REMARKS.--Flow regulated by numerous small storage reservoirs.

09140700 COTTONWOOD CREEK NEAR GRAND MESA, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
COTTONWOOD CREEK NEAR GRAND MESA, 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																																				
1958									57	10	2	107	41	31	9	5	4	10	5	10	17	6	6	10	9	13	9	2	2								
1959	43								196	24	9	6	3	11	11	9	14	12	2	6	3	7	1	8													
1960	50								154	21	6	16	2	11	18	6	3	4	7	17	14	15	10	5	3	3		1									
1961	88								123	42	4	9	1	7	4	11	2	5	8	14	13	16	16	1	1												
1962	51								80	50	25	33	3	11	6	1	1	5	9	13	14	18	15	12	6	10	2										
1963	209								51	5	2	9	3	5	13	14	12	12	9	7	2	12															
1964	214								19	4	2	6	6	10	5	6	8	23	22	16	8	4	6	1	3	3											
1965	139								55	10	9	14	8	5	4	10	7	15	19	10	11	9	9	14	4	12	1	2									
1966	49								59	127	9	11	5	8	8	4	11	7	15	19	9	11	8	2	1	1	1										
1967	43	18	42	11	39	19	26	9	15	3	3	11	3	10	16	16	14	16	15	7	6	13	4	4		1	1										
1968		1	5	5	12	39	75	39	36	2	2	5	6	7	7	17	11	23	18	17	15	17	1	1	1	3	1										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	886	4018	100.0	12	0.6	81	1349	33.6	24	9	28	96	2.3
1	0.01	19	3132	77.9	13	0.7	116	1268	31.6	25	12	46	68	1.6
2	0.02	47	3113	77.5	14	0.9	101	1152	28.7	26	16	15	22	.5
3	0.03	16	3066	76.3	15	1.1	99	1051	26.2	27	20	5	7	.1
4	0.04	51	3050	75.9	16	1.4	87	952	23.7	28	25	2	2	
5	0.05	58	2999	74.6	17	1.8	132	865	21.5	29				
6	0.06	101	2941	73.2	18	2.3	129	733	18.2	30				
7	0.08	48	2840	70.7	19	3.0	136	604	15.0	31				
8	0.10	845	2792	69.5	20	3.7	112	468	11.6	32				
9	0.20	298	1947	48.5	21	4.7	128	356	8.9	33				
10	0.30	73	1649	41.0	22	6.0	76	228	5.7	34				
11	0.40	227	1576	39.2	23	7.6	56	152	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
COTTONWOOD CREEK NEAR GRAND MESA, CO.

YEAR	1	3	7	15	30	60	90	120	183
1958	28.0 1	25.0 1	21.0 1	18.0 1	15.0 1	11.0 1	8.8 1	6.9 1	4.6 1
1959	8.4 10	8.3 10	8.2 9	6.6 9	4.3 10	3.1 10	2.5 10	1.9 10	1.3 10
1960	20.0 3	16.0 3	11.0 5	7.3 8	6.9 4	5.7 4	4.8 4	3.8 4	2.6 4
1961	11.0 9	9.0 9	7.1 10	6.3 10	5.3 7	4.9 5	3.9 5	3.0 6	2.0 6
1962	16.0 6	16.0 4	14.0 2	12.0 3	11.0 2	8.3 3	6.8 2	5.6 2	3.8 2
1963	5.7 11	5.6 11	5.4 11	5.0 11	3.7 11	2.6 11	2.2 11	1.7 11	1.1 11
1964	13.0 8	13.0 8	11.0 6	8.5 4	5.9 5	4.2 9	3.6 8	2.9 8	2.0 7
1965	22.0 2	19.0 2	14.0 3	14.0 2	11.0 3	8.4 2	6.2 3	5.2 3	3.7 3
1966	16.0 7	14.0 6	10.0 7	7.5 6	5.3 8	4.3 7	3.8 7	3.0 7	2.0 8
1967	18.0 4	13.0 7	10.0 8	7.4 7	5.2 9	4.2 8	3.3 9	2.8 9	1.9 9
1968	16.0 5	15.0 5	12.0 4	8.2 5	5.9 6	4.6 6	3.9 6	3.3 5	2.4 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
COTTONWOOD CREEK NEAR GRAND MESA, CO.

YEAR	1	3	7	14	30	60	90	120	183
1959	0.10 9	0.10 9	0.10 9	0.10 9	0.10 9	0.10 9	0.10 8	0.10 7	0.11 7
1960	0.00 1	0.00 1	0.00 1	0.00 1	0.04 8	0.08 8	0.09 7	0.10 8	0.11 8
1961	0.00 2	0.00 2	0.00 2	0.00 2	0.00 1	0.01 5	0.05 6	0.06 6	0.07 6
1962	0.00 3	0.00 3	0.00 3	0.00 3	0.03 6	0.05 6	0.13 9	0.16 9	0.20 9
1963	0.00 4	0.00 4	0.00 4	0.00 4	0.00 2	0.00 1	0.00 1	0.01 3	0.03 3
1964	0.00 5	0.00 5	0.00 5	0.00 5	0.00 3	0.00 2	0.00 2	0.00 1	0.00 1
1965	0.00 6	0.00 6	0.00 6	0.00 6	0.00 4	0.00 3	0.00 3	0.00 2	0.02 2
1966	0.10 10	0.10 10	0.10 10	0.10 10	0.13 10	0.17 10	0.18 10	0.18 10	0.23 10
1967	0.00 7	0.00 7	0.00 7	0.00 7	0.00 5	0.01 4	0.02 4	0.02 4	0.04 4
1968	0.00 8	0.00 8	0.01 8	0.02 8	0.04 7	0.05 7	0.05 5	0.05 5	0.06 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)											
0.18	0.14	0.12	0.10	0.12	0.34	2.87	5.99	3.95	1.25	0.41	0.12
0.03	0.04	0.03	0.02	0.02	0.05	4.17	12.1	1.48	0.79	0.38	0.02
0.17	0.20	0.17	0.15	0.12	0.23	2.04	3.48	1.22	0.89	0.61	0.15
1.22	2.75	2.58	2.33	1.41	0.83	1.67	1.51	-0.44	-0.09	1.74	1.46
0.97	1.42	1.37	1.49	1.05	0.67	0.71	0.58	0.31	0.71	1.51	1.28
1.14	0.92	0.79	0.63	0.75	2.16	18.4	38.4	25.4	8.01	2.61	0.75

09140700 COTTONWOOD CREEK NEAR GRAND MESA, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

DCT	NOV	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	-0.77	-0.65	-0.63	-0.80	-0.60	0.38	0.72	0.57	-0.10	-0.91	-1.31
0.29	0.27	0.24	0.36	0.26	0.16	0.07	0.06	0.02	0.28	0.58	0.44
0.53	0.52	0.49	0.60	0.51	0.40	0.27	0.25	0.15	0.53	0.76	0.66
-0.55	0.40	0.47	-0.36	0.43	-1.14	0.70	-0.17	-0.94	-0.94	0.04	-0.13
-0.54	-0.68	-0.76	-0.96	-0.64	-0.66	0.72	0.34	0.27	-5.17	-0.84	-0.51
19.4	15.1	12.8	12.3	15.7	11.8	-7.40	-14.1	-11.3	2.01	17.8	25.8

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.30	0.35	0.59	0.98	0.45	-0.552

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.08	0.04	0.19	0.09	2.55	-0.546

09141000 COTTONWOOD CREEK NEAR CEDAREDEGE, COLO.

LOCATION.--Lat 38°55'48", long 107°57'10", in NE¼NE¼ sec.13, T.13 S., R.95 W., Delta County, 400 ft (120 m) upstream from mouth and 2.4 mi (3.9 km) northwest of Cedaredge.

DRAINAGE AREA.--4.39 mi² (11.37 km²).

REMARKS.--Natural flow of stream affected by storage reservoirs, diversions exporting water to and importing water from nearby streams, 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
COTTONWOOD CREEK NEAR CEDAREDEGE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR																																			
1943																																			
1944																																			
1945																																			
1946																																			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	321	1461	100.0	12	1.7	9	86	5.9	24	15	8	16	1.0
1	0.10	233	1140	78.0	13	2.1	7	77	5.3	25	18	4	8	.5
2	0.20	136	907	62.1	14	2.5	3	70	4.8	26	21	2	4	.2
3	0.30	99	771	52.8	15	3.0	0	67	4.6	27	25	2	2	.1
4	0.40	89	672	46.0	16	3.5	0	67	4.6	28	30			
5	0.50	121	583	39.9	17	4.2	6	67	4.6	29	36			
6	0.60	130	462	31.6	18	5.1	5	61	4.2	30				
7	0.70	147	332	22.7	19	6.0	5	56	3.8	31				
8	0.90	31	185	12.7	20	7.2	11	51	3.5	32				
9	1.00	44	154	10.5	21	8.6	8	40	2.7	33				
10	1.20	21	110	7.5	22	10.0	3	32	2.2	34				
11	1.50	3	89	6.1	23	12.0	13	29	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
COTTONWOOD CREEK NEAR CEDAREDEGE, CO.

YEAR	1	3	7	15	30	60	90	120	183
1943	1.8 4	1.5 3	1.0 3	0.8 3	0.8 3	0.7 3	0.6 4	0.5 4	0.4 4
1944	29.0 1	25.0 1	18.0 1	16.0 1	14.0 1	9.6 1	6.8 1	5.3 1	3.7 1
1945	23.0 2	13.0 2	10.0 2	9.1 2	5.8 2	3.4 2	2.6 2	2.3 2	1.7 2
1946	2.0 3	0.8 4	0.7 4	0.7 4	0.6 4	0.6 4	0.6 3	0.6 3	0.5 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
COTTONWOOD CREEK NEAR CEDAREDEGE, CO.

YEAR	1	3	7	14	30	60	90	120	183
1943	0.00 1	0.00 1	0.00 1	0.14 4	0.19 4	0.22 4	0.22 4	0.25 4	0.38 4
1944	0.00 2	0.00 2	0.00 2	0.00 1	0.00 1	0.01 1	0.06 1	0.05 1	0.07 1
1945	0.00 3	0.00 3	0.00 3	0.01 3	0.07 3	0.09 3	0.15 3	0.23 3	0.37 3
1946	0.00 4	0.00 4	0.00 4	0.00 2	0.03 2	0.08 2	0.09 2	0.10 2	0.22 2

GUNNISON RIVER BASIN

09141200 YOUNGS CREEK NEAR GRAND MESA, COLO.

LOCATION.--Lat 38°57'29", long 107°55'05", in NW¼NE¼ sec.5, T.13 S., R.94 W., Delta County, on left bank 200 ft (61 m) upstream from bridge, 0.2 mi (0.3 km) downstream from Horse Creek, 3.9 mi (6.3 km) north of Cedaredge, and 5.9 mi (9.5 km) southeast of Grand Mesa.

DRAINAGE AREA.--10.2 mi² (26.4 km²).

REMARKS.--Flow regulated by numerous small storage reservoirs. At times water is diverted from Eureka Reservoirs Nos. 1 and 2 above station to Milk Creek in Surface Creek basin. Three small diversions above station for irrigation below.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN

YOUNGS CREEK NEAR GRAND MESA, 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																																				
1958													59	60	38	27	2	5	13	25	8	9	27	22	7	8	1	9	4	10	18	11	2				
1959									28	5	39	67	18	12	19	25	24	14	15	27	17	21	16	9	4	1	4										
1960								96	30	2	4	11	19	13	15	18	16	5	7	12	19	11	12	26	16	16	9	2	2	2	2	1					
1961								4	39	86	24	30	14	13	16	19	15	15	14	16	9	12	14	5	3	12	5										
1962									31	80	25	19	4	15	9	10	5	14	15	17	8	6	15	8	13	16	11	17	17	4	6						
1963									3	5	11	109	49	15	9	18	19	14	28	12	10	20	16	14	8	4	1										
1964									32	86	8	12	34	6	10	4	5	6	3	6	3	26	27	30	24	11	6	4	2	3	3	9					
1965									2	2	35	43	50	1	17	12	6	5	4	3	6	6	16	12	16	20	21	16	10	6	10	8	15	16	2	5	
1966												1	8	4	45	84	24	26	7	14	11	14	12	32	24	17	15	17	2	2	5	1					
1967									1	7	10	19	25	23	26	6	24	9	16	8	10	11	15	10	18	19	16	21	14	10	9	12	5	7	3	5	3
1968												1	40	41	32	12	24	28	12	7	7	5	23	15	24	17	19	16	14	7	3	3	5	5	6		
1969												1	16	32	47	26	19	25	9	1	7	7	7	15	12	5	12	17	21	13	18	12	9	15	12	7	

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4383	100.0	12	1.7	208	2927	66.8	24	14	140	636	14.5
1	0.10	0	4383	100.0	13	2.0	233	2719	62.0	25	17	101	496	11.3
2	0.20	1	4383	100.0	14	2.4	256	2486	56.7	26	20	105	395	9.0
3	0.30	7	4382	100.0	15	2.8	173	2230	50.9	27	24	54	290	6.6
4	0.40	12	4375	99.8	16	3.4	182	2057	46.9	28	28	65	236	5.3
5	0.50	53	4363	99.5	17	4.1	93	1875	42.8	29	34	78	171	3.9
6	0.60	146	4310	98.3	18	4.8	188	1782	40.7	30	41	40	93	2.1
7	0.70	172	4164	95.0	19	5.8	192	1594	36.4	31	48	40	53	1.2
8	0.80	209	3992	91.1	20	6.9	216	1402	32.0	32	58	11	13	.2
9	1.00	196	3783	86.2	21	8.2	176	1186	27.1	33	69	2	2	
10	1.20	347	3587	81.8	22	9.8	180	1010	23.0	34				
11	1.40	317	3240	73.9	23	12.0	194	830	18.9					

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

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN

YOUNGS CREEK NEAR GRAND MESA, CO.

YEAR	1	3	7	15	30	60	90	120	183
1958	75.0 1	71.0 1	67.0 1	60.0 1	56.0 1	46.0 1	35.0 1	29.0 1	22.0 1
1959	22.0 11	21.0 11	19.0 11	15.0 11	12.0 12	9.9 12	8.6 12	7.8 12	6.6 12
1960	50.0 6	44.0 7	38.0 7	27.0 9	23.0 9	18.0 7	16.0 8	14.0 8	11.0 8
1961	26.0 10	24.0 10	24.0 10	22.0 10	18.0 10	14.0 10	12.0 10	10.0 10	7.8 10
1962	53.0 3	51.0 3	50.0 2	42.0 3	38.0 3	33.0 3	29.0 3	24.0 3	18.0 3
1963	20.0 12	19.0 12	17.0 12	14.0 12	13.0 11	11.0 11	9.9 11	8.7 11	6.8 11
1964	39.0 9	38.0 9	37.0 8	34.0 7	25.0 7	17.0 9	14.0 9	12.0 9	9.4 9
1965	53.0 4	50.0 5	47.0 4	38.0 5	36.0 4	30.0 4	25.0 4	21.0 4	16.0 4
1966	41.0 8	40.0 8	36.0 9	29.0 8	24.0 8	18.0 8	17.0 5	16.0 5	12.0 5
1967	54.0 2	51.0 4	45.0 5	39.0 4	30.0 5	22.0 5	17.0 6	15.0 6	11.0 6
1968	46.0 7	45.0 6	43.0 6	37.0 6	29.0 6	21.0 6	17.0 7	15.0 7	11.0 7
1969	52.0 5	52.0 2	50.0 3	46.0 2	41.0 2	34.0 2	30.0 2	26.0 2	20.0 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

YOUNGS CREEK NEAR GRAND MESA, CO.

YEAR	1	3	7	14	30	60	90	120	183
1959	0.80 7	0.80 7	0.80 5	0.80 5	0.81 5	1.00 7	1.10 7	1.19 7	1.70 10
1960	0.70 5	0.70 4	0.70 4	0.70 4	0.70 4	0.70 4	0.70 4	0.74 3	1.19 3
1961	0.90 8	0.90 8	0.94 8	1.00 8	1.10 8	1.10 8	1.19 8	1.19 8	1.40 5
1962	1.10 10	1.10 10	1.10 9	1.10 9	1.10 9	1.10 9	1.19 9	1.19 9	1.60 8
1963	1.00 9	1.00 9	1.10 10	1.30 10	1.40 10	1.50 10	1.50 10	1.50 10	1.70 9
1964	0.50 3	0.50 3	0.50 2	0.50 2	0.50 1	0.55 1	0.56 1	0.58 1	0.75 1
1965	0.40 2	0.43 2	0.53 3	0.60 3	0.60 3	0.65 3	0.66 3	0.69 2	1.19 4
1966	1.40 11	1.50 11	1.70 11	2.00 11	2.10 11	2.20 11	2.30 11	2.40 11	3.00 11
1967	0.20 1	0.27 1	0.34 1	0.43 1	0.51 2	0.55 2	0.62 2	0.86 4	1.10 2
1968	0.75 6	0.78 6	0.84 6	0.87 6	0.89 6	0.96 5	0.99 5	1.10 5	1.50 6
1969	0.70 4	0.77 5	0.86 7	0.88 7	0.95 7	1.00 6	1.10 6	1.19 6	1.60 7

GUNNISON RIVER BASIN

09141500 YOUNGS CREEK NEAR CEDAREDDGE, 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
YOUNGS CREEK NEAR CEDAREDDGE, CO.

YEAR	1	3	7	14	30	60	90	120	183
1943	0.00 1	0.00 1	0.00 1	0.00 1	0.01 1	0.06 1	0.07 1	0.08 1	0.20 4
1944	0.00 2	0.00 2	0.01 4	0.04 4	0.07 4	0.10 4	0.12 4	0.13 4	0.15 2
1945	0.00 3	0.00 3	0.00 2	0.00 2	0.03 2	0.07 2	0.07 2	0.08 2	0.10 1
1946	0.00 4	0.00 4	0.00 3	0.04 3	0.07 3	0.08 3	0.09 3	0.10 3	0.17 3

09142000 WARD CREEK BELOW KISER CREEK, NEAR CEDAREDDGE, COLO.

LOCATION.--Lat 38°53'40", long 107°58'15", in SE¼NE¼ sec.26, T.13 S., R.95 W., Delta County, on right bank 15 ft (5 m) downstream from highway bridge, 0.8 mi (1.3 km) downstream from Kiser Creek, and 2.5 mi (4.0 km) west of Cedaredge.

DRAINAGE AREA.--52.2 mi² (135.2 km²).

REMARKS.--Natural flow of stream affected by storage reservoirs, diversions exporting water to and importing water from nearby streams, 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
WARD CREEK BELOW KISER CR, NEAR CEDAREDDGE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34			
1945			1	2	1	2	1	2	1	7	5	11	45	26	36	22	53	49	45	15	4	3	3	1	3	1	7	1	1	5	5	8	2					
1946	4			4	8	7	8	11	27	43	22	18	25	30	34	75	43	5	1																			
1947									4	1	4	10	27	37	111	72	41	18	6	5	3	5	3	3	1	2	2	4	4	1	1							
1948												8	24	32	28	33	74	39	31	34	10	5	7	2	3	2	4	5	7	10	3	4	1					
1949												15	3	14	40	134	100	9	9	14	9	8	4	1	4	1												
1950					13	26	28	31	31	9	7	9	9	40	74	77	5	3																				
1951		5	15	13	36	51	34	26	31	10	21	45	65	6	7																							
1952				1	2	23	8	5	2	1	5	51	110	59	17	7	1	3	7	3			4	2	3	6	1	3	3	6	11	11	3	4	4			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	4	2922	100.0	12	3.8	249	2216	75.8	24	28	14	147	5.0
1	0.60	5	2918	99.9	13	4.5	264	1967	67.3	25	34	12	133	4.5
2	0.70	16	2913	99.7	14	5.3	355	1703	58.3	26	40	14	121	4.1
3	0.80	17	2897	99.1	15	6.3	427	1348	46.1	27	47	13	107	3.6
4	1.00	47	2880	98.6	16	7.4	395	921	31.5	28	56	15	94	3.2
5	1.20	74	2833	97.0	17	8.8	126	526	18.0	29	66	22	79	2.7
6	1.40	91	2759	94.4	18	10.0	98	400	13.7	30	78	20	57	1.9
7	1.60	73	2668	91.3	19	12.0	75	302	10.3	31	92	23	37	1.2
8	1.90	104	2595	88.8	20	15.0	29	227	7.8	32	110	6	14	.4
9	2.30	94	2491	85.2	21	17.0	21	198	6.8	33	130	4	8	.2
10	2.70	62	2397	82.0	22	20.0	21	177	6.1	34	150	4	4	.1
11	3.20	119	2335	79.9	23	24.0	9	156	5.3					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WARD CREEK BELOW KISER CR, NEAR CEDAREDDGE, CO.

YEAR	1	3	7	15	30	60	90	120	183
1945	116.0 3	112.0 2	103.0 2	95.0 2	74.0 2	45.0 3	33.0 3	27.0 3	21.0 3
1946	11.0 7	8.7 7	8.4 7	8.3 6	8.0 6	7.4 7	6.9 7	6.9 7	6.4 7
1947	79.0 4	69.0 4	62.0 4	43.0 4	26.0 4	21.0 4	17.0 4	14.0 4	12.0 4
1948	125.0 2	112.0 3	92.0 3	79.0 3	67.0 3	48.0 2	36.0 2	29.0 2	22.0 2
1949	37.0 5	31.0 5	27.0 5	22.0 5	18.0 5	14.0 5	13.0 5	11.0 5	9.9 5
1950	11.0 6	10.0 6	8.9 6	8.1 7	7.9 7	7.7 6	7.5 6	7.4 6	7.1 6
1951	5.6 8	5.4 8	5.3 8	4.9 8	4.5 8	4.1 8	3.9 8	3.9 8	3.4 8
1952	155.0 1	150.0 1	133.0 1	121.0 1	99.0 1	79.0 1	56.0 1	44.0 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
WARD CREEK BELOW KISER CR, NEAR CEDAREDDGE, CO.

YEAR	1	3	7	14	30	60	90	120	183
1946	0.70 3	1.00 3	1.40 4	1.90 4	2.80 4	3.90 4	4.20 4	4.40 4	5.30 4
1947	0.00 1	0.00 1	0.37 1	0.71 2	1.50 3	1.70 3	2.00 3	2.10 3	2.70 3
1948	2.20 5	2.80 5	3.50 6	4.50 7	5.40 7	6.40 7	6.40 7	6.70 7	8.00 7
1949	3.20 6	3.30 7	3.60 7	3.70 6	4.10 5	4.80 5	5.30 5	5.70 5	6.20 5
1950	3.20 7	3.20 6	3.40 5	3.40 5	4.40 6	5.30 6	5.80 6	6.20 6	6.60 6
1951	1.19 4	1.19 4	1.19 3	1.30 3	1.40 2	1.50 2	1.70 2	1.80 2	2.00 2
1952	0.60 2	0.60 2	0.63 2	0.66 1	0.76 1	0.94 1	1.00 1	1.10 1	1.30 1

09142000 WARD CREEK BELOW KISER CREEK, NEAR CEDAREGE, 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,SKENNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
4.99	7.23	6.69	6.17	7.19	6.71	19.7	29.2	10.5	4.40	4.25	3.88
4.72	9.99	3.57	2.73	4.90	5.46	477	867	150	7.48	5.02	4.25
2.17	3.16	1.89	1.65	2.21	2.34	21.8	29.5	12.3	2.73	2.24	2.06
-0.87	0.26	0.28	-0.77	-0.12	0.46	1.31	0.61	2.06	-0.03	-0.46	-0.45
0.44	0.44	0.28	0.27	0.31	0.35	1.11	1.01	1.17	0.62	0.53	0.53
4.49	6.52	6.03	5.56	6.48	6.05	17.8	26.3	9.47	3.97	3.83	3.50

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,SKENNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.64	0.82	0.81	0.77	0.84	0.80	1.03	1.13	0.80	0.55	0.55	0.51
0.07	0.04	0.02	0.02	0.02	0.02	0.29	0.44	0.22	0.11	0.09	0.11
0.26	0.21	0.12	0.13	0.15	0.15	0.54	0.66	0.46	0.33	0.30	0.32
-1.28	-0.52	-0.03	-1.11	-0.67	-0.15	-0.09	-0.30	0.40	-0.38	-0.85	-1.17
0.40	0.26	0.15	0.17	0.17	0.19	0.53	0.58	0.58	0.61	0.55	0.64
6.94	8.84	8.75	8.36	9.04	8.68	11.2	12.2	8.65	5.90	5.96	5.47

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
9.24	28.4	5.33	0.30	0.58	-0.338

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
0.89	0.09	0.30	-0.59	0.33	-0.275

09143000 SURFACE CREEK NEAR CEDAREGE, COLO.

LOCATION.--Lat 38°59'05", long 107°51'13", in NW¼NW¼ sec.25, T.12 S., R.94 W., Delta County, on left bank 5 ft (2 m) downstream from private bridge, 1.4 mi (2.3 km) downstream from Caesar Creek, and 7.0 mi (11.3 km) northeast of Cedarege.

DRAINAGE AREA.--27.4 mi² (71.0 km²).

REMARKS.--Flow regulated by many small reservoirs. Some water imported from Leon Lake in Plateau Creek drainage.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SURFACE CREEK NEAR CEDAREGE, 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			
1940									91	37	34	9	7	9	10	8	20	6	11	17	13	18	21	8	3	18	12	4	9	1								
1941									59	31	22	33	3	9	8	8	34	11	7	22	18	15	13	6	9	6	3	7	19	8	9	4	1					
1942												28	32	68	4	4	8	34	6	15	44	22	16	14	5	25	8	6	12	10	4							
1943											33	37	64	11	34	4	4	11	9	19	18	24	51	13	10	2	4	13	4									
1944									143	2	7	9	8	43	1	3	4	3	8	2	11	19	10	9	5	28	18	7	21	5								
1945									63	46	33	15	12	5	5	2	33	11	10	14	11	11	18	9	31	25	10	1										
1946											1	61	43	39	17	27	8	43	18	28	41	8	8	10	7	6												
1947						28		63	27	19	16	8	3	22	6	4	3	9	7	10	19	7	15	19	17	11	25	15	11	1								
1948								27	78	13	17	5	12	10	16	4	7	22	19	14	10	19	8	10	24	18	17	12	4									
1949								2	43	78	18	26	6	1	9	9	7	5	13	6	4	19	8	14	24	12	42	16	3									
1950								11	63	39	17	3	10	11	14	15	7	13	6	6	15	16	20	33	17	10	20	14	5									
1951						2	2	22	104	16	6	8	12	20	7	13	5	8	20	23	23	20	11	12	16	9	4											
1952								18	55	84	6	2	7	4	10	9	17	8	4	8	12	11	11	12	14	17	9	16	9	6	6	14	8	6	1			
1953								8	63	70	7	4	7	7	13	5	20	19	19	17	9	21	17	9	11	5	8	15	1									
1954								8	39	46	34	15	2	8	6	26	18	4	10	6	29	16	19	20	21	14	11	4	5	4								
1955								1	21	130	10	6	5	17	10	9	7	6	5	6	10	21	10	20	19	14	18	13	5	2								
1956								81	43	15	17	8	9	11	12	3	11	18	18	35	19	5	15	9	7	10	13	7										
1957								1	83	61	9	10	7	6	14	9	6	3	3	1	7	13	7	9	25	16	14	10	12	3	4	10	17	4	1			
1958										2	36	44	24	50	15	6	3	14	19	8	12	5	10	14	31	19	8	4	5	14	16	5	1					
1959										7	122	22	1	1	6	17	13	22	16	8	21	13	18	23	23	9	10	9	4									
1960								31	30	45	10	11	11	8	6	6	10	12	15	9	9	7	17	5	16	9	17	34	24	8	10	4	2					
1961										1	20	82	35	11	7	5	2	6	16	14	12	8	3	12	10	14	17	21	16	12	13	23	4	1				
1962											9	76	47	14	10	13	8	6	6	2	9	4	8	9	3	5	29	21	17	7	13	24	7	18				
1963											3	82	49	6	2	5	13	10	5	9	12	18	18	21	24	32	18	12	4	12	5	3						
1964											1	11	76	45	18	8	9	15	13	6	8	8	2	5	9	8	12	12	25	20	17	4	1	4	9			
1965											1	13	49	54	16	13	11	3	4	3	5	9	7	7	4	5	10	6	14	15	16	19	19	12	17	5	7	5
1966											3	52	40	11	20	12	2	1	1	4	19	23	30	13	18	14	19	29	11	12	16	11	2	2				
1967											7	50	30	43	12	7	2	3	8	9	8	10	17	15	6	9	10	16	24	30	16	12	11	3	4	3		
1968											3	59	57	16	8	7	9	8	15	5	6	7	9	7	8	27	21	25	23	7	4	12	9	6	6	2		
1969											1	1	57	79	7	1	3	9	14	10	5	14	15	7	6	12	5	22	26	5	8	21	13	18	6			
1970											1	10	47	65	24	2	15	6	18	24	1	10	5	6	3	3	8	28	29	11	8	13	8	13	5	1	1	

09143000 SURFACE CREEK NEAR CEDAREDDGE, 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 SECDND
MEAN
SURFACE CREEK NEAR CEDAREDDGE, CO.

YEAR	1	3	7	14	30	60	90	120	183
1946	9.30 34	10.00 34	11.00 34	11.00 34	11.00 34	11.00 34	11.00 34	12.00 34	14.00 34
1947	4.00 18	4.00 16	4.00 13	4.00 12	4.10 12	4.50 14	4.90 18	5.30 19	7.80 17
1948	5.20 28	5.20 28	5.40 28	5.70 28	5.80 25	6.00 26	6.20 27	6.50 28	11.00 31
1949	4.80 25	4.90 25	5.10 24	5.40 24	5.60 23	5.80 23	6.00 24	6.20 24	8.10 20
1950	3.80 16	4.00 17	4.30 15	4.30 15	4.40 15	4.50 15	4.60 13	4.80 13	7.60 14
1951	3.00 9	3.80 12	4.80 22	5.50 25	5.80 26	6.00 27	6.10 25	6.30 25	9.20 26
1952	5.40 29	5.50 29	5.60 29	5.60 26	5.80 27	5.80 24	5.80 23	5.90 22	8.90 24
1953	4.50 22	4.60 22	4.70 20	4.80 20	4.90 20	5.10 20	5.40 20	5.70 21	8.50 21
1954	3.00 10	3.30 10	3.50 10	3.70 10	3.80 9	4.10 11	4.30 11	4.50 10	6.50 8
1955	4.50 23	4.80 23	5.20 25	5.60 27	5.90 28	6.20 28	6.20 26	6.30 26	7.70 15
1956	4.50 24	4.50 19	4.50 18	4.60 19	4.60 16	4.70 16	4.80 15	4.80 14	6.80 12
1957	4.00 17	4.50 20	4.50 19	4.50 17	4.60 17	4.70 17	4.80 16	4.90 15	6.50 9
1958	5.00 26	5.00 26	5.00 23	6.60 30	7.70 31	8.10 32	8.70 32	9.40 32	13.00 33
1959	4.40 20	4.50 21	4.80 21	4.90 21	5.10 21	5.50 21	5.50 21	5.50 20	8.00 18
1960	2.40 5	2.40 5	2.40 3	2.40 3	2.40 2	2.50 2	2.70 2	2.90 4	5.40 5
1961	2.40 6	2.60 6	2.70 6	2.80 6	2.90 6	3.00 6	3.10 6	3.20 5	4.90 3
1962	3.40 15	3.90 13	3.90 12	4.10 13	4.30 13	4.50 12	4.50 12	4.60 12	6.50 10
1963	2.80 8	2.90 8	3.00 7	3.00 7	3.00 7	3.10 7	3.30 7	3.40 7	5.30 4
1964	1.80 2	2.20 3	2.50 4	2.50 4	2.60 4	2.80 4	2.80 3	2.80 2	4.20 2
1965	2.00 4	2.40 4	2.50 5	2.60 5	2.70 5	2.80 5	2.80 4	2.90 3	5.90 6
1966	3.20 12	3.30 9	3.50 11	3.70 11	3.80 10	3.90 9	4.10 10	4.50 11	9.70 28
1967	2.50 7	2.60 7	3.00 8	3.20 8	3.30 8	3.40 8	3.50 8	3.90 8	6.50 11
1968	3.40 13	3.50 11	3.50 9	3.70 9	4.00 11	4.00 10	4.10 9	4.20 9	8.50 22
1969	3.10 11	3.90 14	4.30 16	4.40 16	4.80 19	4.80 18	4.90 17	5.00 17	8.10 19
1970	3.50 14	4.00 15	4.20 14	4.20 14	4.30 14	4.50 13	4.70 14	4.90 16	6.90 13
1971	4.50 21	4.80 24	5.20 26	5.40 22	5.60 24	6.30 29	6.60 29	6.70 29	9.20 25
1972	4.30 19	4.30 18	4.40 17	4.60 18	4.70 18	5.00 19	5.10 19	5.20 18	8.90 23
1973	5.00 27	5.10 27	5.20 27	5.40 23	5.50 22	5.60 22	5.70 22	6.00 23	9.30 27
1974	1.90 3	2.10 2	2.10 2	2.20 2	2.40 3	2.60 3	2.90 5	3.20 6	6.00 7
1975	1.50 1	1.60 1	1.90 1	2.00 1	2.10 1	2.30 1	2.60 1	2.60 1	4.00 1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
17.9	8.64	5.90	5.41	5.47	6.96	34.3	126	127	74.7	54.1	33.6
73.4	28.5	6.86	4.58	5.13	11.1	392	2191	3398	590	184	92.9
8.57	5.34	2.62	2.14	2.27	3.34	19.8	46.8	58.3	24.3	13.6	9.64
3.23	3.66	1.44	1.21	1.28	1.36	0.68	1.04	0.99	0.59	0.40	0.66
0.48	0.62	0.44	0.40	0.41	0.48	0.58	0.38	0.46	0.33	0.25	0.29
3.60	1.73	1.18	1.09	1.10	1.40	6.89	25.0	25.4	15.0	10.9	6.74

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.22	0.89	0.73	0.70	0.71	0.80	1.46	2.07	2.06	1.85	1.72	1.51
0.02	0.04	0.03	0.03	0.03	0.03	0.08	0.02	0.04	0.02	0.01	0.02
0.16	0.20	0.19	0.16	0.16	0.19	0.28	0.15	0.20	0.14	0.11	0.12
1.25	0.51	-0.07	0.08	0.40	0.51	-0.24	0.30	0.06	-0.12	-0.10	0.02
0.13	0.23	0.25	0.23	0.23	0.23	0.19	0.07	0.09	0.08	0.06	0.08
7.77	5.63	4.66	4.47	4.50	5.10	9.27	13.2	13.1	11.8	10.9	9.60

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	CDEFF. OF VARIATION	SERIAL CORR
41.7	131	11.4	0.52	0.27	-0.143

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.60	0.01	0.12	0.08	0.07	-0.125

09143500 SURFACE CREEK AT CEDAREDDGE, COLO.--Continued

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

DISCHARGE, IN CUBIC FEET PER SECONDD
MEAN
SURFACE CREEK AT CEDAREDDGE, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1	20453	100.0	12	3.1	1444	15438	75.5	24	76	788	1904	9.3
1	0.10	10	20452	100.0	13	4.1	1570	13994	68.4	25	98	450	1116	5.4
2	0.20	20	20442	99.9	14	5.3	964	12424	60.7	26	130	278	666	3.2
3	0.30	20	20422	99.8	15	6.9	1249	11460	56.0	27	170	187	388	1.8
4	0.40	77	20402	99.8	16	9.1	949	10211	49.9	28	220	106	201	.9
5	0.50	77	20325	99.4	17	12.0	1101	9262	45.3	29	280	60	95	.4
6	0.60	74	20248	99.0	18	15.0	1211	8161	39.9	30	370	21	35	.1
7	0.80	581	20174	98.6	19	20.0	1152	6950	34.0	31	480	12	14	
8	1.10	324	19593	95.8	20	26.0	1049	5798	28.3	32	630	2	2	
9	1.40	554	19269	94.2	21	34.0	868	4749	23.2	33				
10	1.80	1776	18715	91.5	22	44.0	881	3881	19.0	34				
11	2.40	1501	16939	82.8	23	58.0	1096	3000	14.7					

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

DISCHARGE, IN CUBIC FEET PER SECONDD
MEAN
SURFACE CREEK AT CEDAREDDGE, CO.

YEAR	1	3	7	15	30	60	90	120	183
1918	190.0 22	179.0 21	158.0 20	138.0 20	120.0 19	97.0 23	80.0 22	66.0 23	45.0 27
1919	100.0 46	84.0 51	71.0 53	62.0 56	59.0 55	54.0 53	50.0 47	43.0 46	32.0 48
1920	640.0 1	577.0 1	565.0 1	517.0 1	367.0 1	239.0 1	176.0 1	141.0 1	96.0 1
1921	390.0 9	371.0 6	348.0 5	314.0 2	253.0 3	201.0 3	156.0 2	125.0 2	88.0 2
1922	540.0 3	503.0 2	420.0 2	285.0 4	263.0 2	204.0 2	154.0 3	122.0 3	88.0 3
1923	237.0 15	215.0 15	195.0 15	169.0 15	158.0 14	118.0 17	91.0 19	75.0 20	55.0 19
1924	123.0 39	117.0 34	107.0 36	98.0 32	81.0 40	65.0 43	56.0 39	47.0 41	35.0 42
1925	172.0 26	117.0 35	115.0 30	107.0 29	97.0 26	76.0 33	62.0 34	50.0 37	40.0 35
1926	207.0 18	206.0 17	197.0 14	183.0 14	144.0 17	131.0 13	106.0 12	85.0 13	65.0 10
1927	409.0 7	400.0 4	333.0 6	247.0 8	192.0 9	137.0 12	107.0 11	87.0 11	63.0 11
1928	392.0 8	290.0 11	238.0 11	218.0 11	166.0 13	128.0 14	99.0 15	78.0 17	54.0 20
1929	418.0 5	359.0 7	306.0 7	256.0 5	226.0 5	169.0 5	126.0 7	102.0 6	75.0 6
1930	154.0 28	145.0 27	115.0 31	97.0 33	89.0 34	78.0 32	67.0 29	58.0 27	46.0 24
1931	110.0 43	101.0 43	98.0 39	91.0 39	83.0 38	61.0 47	49.0 48	40.0 50	31.0 49
1934	74.0 55	71.0 56	70.0 54	65.0 54	60.0 54	42.0 56	32.0 56	26.0 56	19.0 56
1935	124.0 38	117.0 36	110.0 34	102.0 31	96.0 27	82.0 28	66.0 30	55.0 31	41.0 32
1936	143.0 30	131.0 28	111.0 32	93.0 38	90.0 31	79.0 30	62.0 35	52.0 35	38.0 37
1937	456.0 4	400.0 5	362.0 4	256.0 6	173.0 11	120.0 16	96.0 16	78.0 18	57.0 17
1938	316.0 11	300.0 9	227.0 12	209.0 13	185.0 10	154.0 9	124.0 8	100.0 7	72.0 7
1939	91.0 50	90.0 47	83.0 47	76.0 48	75.0 45	60.0 48	48.0 51	40.0 51	30.0 50
1940	128.0 33	117.0 37	110.0 33	97.0 34	89.0 32	70.0 36	54.0 42	44.0 42	33.0 44
1941	553.0 2	474.0 3	402.0 3	309.0 3	234.0 4	170.0 4	127.0 6	100.0 8	71.0 8
1942	263.0 13	241.0 14	185.0 16	157.0 16	148.0 16	128.0 15	105.0 13	85.0 14	61.0 14
1943	125.0 37	106.0 40	91.0 41	85.0 44	67.0 51	57.0 51	49.0 49	41.0 48	33.0 45
1944	378.0 10	284.0 12	246.0 10	236.0 9	203.0 6	155.0 8	118.0 9	92.0 10	63.0 12
1945	208.0 17	190.0 18	158.0 21	139.0 19	116.0 23	92.0 24	77.0 24	63.0 25	45.0 25
1946	83.0 53	73.0 53	68.0 56	63.0 55	53.0 56	50.0 54	41.0 55	34.0 55	27.0 55
1947	203.0 19	182.0 19	160.0 18	133.0 21	118.0 21	103.0 21	86.0 21	71.0 21	52.0 22
1948	198.0 21	179.0 22	135.0 24	116.0 25	115.0 24	97.0 22	77.0 25	65.0 24	47.0 23
1949	154.0 29	149.0 26	126.0 26	108.0 28	96.0 28	84.0 27	70.0 27	58.0 28	41.0 33
1950	112.0 41	102.0 42	88.0 44	86.0 42	81.0 39	70.0 37	59.0 37	50.0 38	38.0 38
1951	101.0 45	93.0 46	89.0 43	85.0 43	72.0 48	60.0 49	47.0 52	40.0 52	29.0 53
1952	258.0 14	247.0 13	220.0 13	213.0 12	166.0 12	148.0 10	118.0 10	96.0 9	68.0 9
1953	95.0 49	86.0 49	79.0 51	76.0 49	75.0 46	57.0 50	48.0 50	41.0 49	30.0 51
1954	96.0 48	89.0 48	82.0 48	76.0 50	72.0 49	65.0 44	52.0 45	44.0 43	33.0 46
1955	158.0 27	125.0 30	119.0 28	109.0 26	94.0 30	81.0 29	67.0 28	58.0 29	43.0 28
1956	97.0 47	94.0 45	87.0 45	78.0 46	77.0 44	69.0 38	54.0 43	44.0 44	34.0 43
1957	301.0 12	291.0 10	265.0 9	220.0 10	200.0 7	158.0 7	130.0 4	105.0 5	76.0 4
1958	226.0 16	211.0 16	169.0 17	153.0 17	152.0 15	137.0 11	105.0 14	86.0 12	63.0 13
1959	88.0 51	84.0 50	81.0 49	73.0 51	68.0 50	56.0 52	45.0 53	38.0 53	30.0 52
1960	130.0 32	123.0 31	109.0 35	88.0 40	79.0 42	65.0 45	57.0 38	51.0 36	39.0 36
1961	110.0 42	103.0 41	87.0 46	82.0 45	77.0 43	68.0 39	55.0 40	48.0 39	36.0 39
1962	175.0 23	171.0 23	158.0 19	126.0 22	120.0 20	105.0 20	95.0 17	79.0 15	59.0 15
1963	77.0 54	73.0 54	71.0 52	69.0 52	63.0 53	49.0 55	41.0 54	35.0 54	28.0 54
1964	126.0 35	123.0 32	118.0 29	109.0 27	89.0 33	66.0 42	54.0 41	47.0 40	36.0 40
1965	137.0 31	130.0 29	124.0 27	104.0 30	95.0 29	90.0 26	79.0 23	69.0 22	53.0 21
1966	103.0 44	96.0 44	90.0 42	87.0 41	84.0 37	74.0 34	66.0 31	57.0 30	43.0 29
1967	120.0 40	110.0 39	104.0 37	96.0 35	86.0 36	73.0 35	61.0 36	53.0 33	43.0 30
1968	125.0 36	118.0 33	98.0 40	94.0 36	87.0 35	78.0 31	64.0 32	53.0 34	40.0 34
1969	175.0 24	164.0 24	156.0 22	147.0 18	132.0 18	109.0 18	94.0 18	78.0 16	57.0 16
1970	202.0 20	180.0 20	137.0 23	119.0 24	106.0 25	92.0 25	71.0 26	60.0 26	45.0 26
1971	85.0 52	80.0 52	79.0 50	77.0 47	73.0 47	68.0 40	63.0 33	54.0 32	41.0 31
1972	73.0 56	72.0 55	69.0 55	68.0 53	64.0 52	61.0 46	52.0 44	44.0 45	35.0 41
1973	411.0 6	325.0 8	284.0 8	254.0 7	195.0 8	168.0 6	130.0 5	106.0 4	75.0 5
1974	127.0 34	113.0 38	100.0 38	94.0 37	80.0 41	66.0 41	51.0 46	42.0 47	32.0 47
1975	175.0 25	156.0 25	131.0 25	122.0 23	116.0 22	108.0 19	88.0 20	76.0 19	55.0 18

09143500 SURFACE CREEK AT CEDAREDDGE, 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
SURFACE CREEK AT CEDAREDDGE, CO.

YEAR	1	3	7	14	30	60	90	120	183
1919	1.00 23	1.00 18	1.10 16	1.40 21	1.70 21	1.90 21	1.90 18	1.90 16	2.00 3
1920	0.90 17	0.90 13	0.93 10	0.96 9	0.98 6	0.99 6	0.99 5	1.00 4	1.40 1
1921	1.00 18	1.00 19	1.00 12	1.00 11	1.00 9	2.00 22	2.00 22	2.00 17	2.90 9
1922	0.20 5	0.20 4	0.24 2	0.60 4	0.81 5	0.91 4	0.94 3	0.97 3	1.90 2
1923	3.00 47	3.00 45	3.00 45	3.00 41	3.00 37	3.00 34	3.00 31	3.40 34	4.70 34
1924	4.00 51	4.30 52	4.70 52	5.60 54	6.30 54	6.90 54	6.90 54	7.00 53	7.50 48
1925	1.00 19	1.10 20	1.19 17	1.30 16	2.00 24	2.00 23	2.20 26	2.10 22	3.00 13
1926	0.80 16	0.97 15	2.00 32	2.20 32	3.20 40	4.30 46	5.50 52	7.90 54	13.00 53
1927	2.00 36	2.00 35	2.00 33	2.00 27	2.00 25	2.00 24	2.00 23	2.00 18	2.70 6
1928	2.00 37	2.00 36	2.00 34	2.00 28	2.00 26	2.20 26	2.20 24	2.30 24	2.70 7
1929	2.00 38	2.00 37	2.10 35	2.40 33	3.10 38	4.80 49	5.00 48	5.30 47	5.30 37
1930	5.00 54	5.00 54	5.00 54	5.00 53	5.00 52	5.00 51	5.00 49	5.30 48	7.90 51
1931	2.50 44	2.50 41	2.50 38	2.50 35	2.50 31	2.70 30	2.80 29	2.90 29	4.60 32
1935	0.70 13	0.90 14	1.60 26	2.20 29	2.80 34	3.00 35	3.00 32	3.10 31	3.40 21
1936	1.10 24	1.30 21	1.90 30	2.70 37	3.20 39	3.60 39	3.70 39	3.70 35	4.40 31
1937	1.30 27	1.30 22	1.30 19	1.30 17	1.30 13	1.40 10	1.60 11	1.80 13	2.90 10
1938	1.10 25	1.40 27	1.50 25	1.80 25	2.00 27	2.20 27	2.30 27	2.30 25	4.10 29
1939	2.40 43	2.60 42	2.70 41	3.50 45	3.50 42	3.80 41	4.00 41	4.20 41	5.70 39
1940	0.00 1	0.27 5	0.34 5	0.37 3	0.39 2	0.39 1	0.53 1	0.72 1	2.20 4
1941	1.30 28	1.30 23	1.40 20	1.40 18	1.40 16	1.50 13	1.70 14	2.00 19	5.20 35
1942	4.00 52	4.20 50	4.20 50	4.20 50	4.20 49	4.20 45	4.30 44	6.30 52	17.00 54
1943	0.20 6	0.67 10	1.19 18	1.40 19	1.50 17	1.80 17	1.90 19	1.90 14	3.10 17
1944	0.40 8	0.47 6	0.54 6	0.89 7	1.10 11	1.10 7	1.19 8	1.40 8	3.00 14
1945	1.30 29	1.30 24	1.40 21	1.40 20	1.50 18	1.80 18	1.80 15	1.90 15	3.30 18
1946	1.00 20	1.00 16	1.00 13	1.00 12	1.00 10	1.50 14	1.60 12	1.70 11	3.30 19
1947	1.50 32	1.50 28	1.50 22	1.50 22	1.50 19	1.80 15	1.80 16	2.00 20	4.00 28
1948	2.20 41	2.80 43	2.80 42	2.80 38	2.90 35	3.10 36	3.10 33	3.20 33	6.40 42
1949	1.50 33	1.50 29	1.50 23	1.50 23	1.50 20	1.80 16	2.00 20	2.10 23	2.90 11
1950	1.00 21	1.00 17	1.00 14	1.10 13	1.30 14	1.40 11	1.60 13	1.60 9	2.50 5
1951	0.50 9	0.63 8	0.76 8	1.19 14	1.30 15	1.40 12	1.50 9	1.70 12	3.00 15
1952	0.80 14	0.87 11	0.93 11	0.96 8	0.99 7	1.19 9	1.60 10	1.60 10	3.00 16
1953	1.70 34	1.80 32	1.80 27	1.90 26	1.90 23	1.90 19	2.00 21	2.40 26	3.50 22
1954	0.10 2	0.10 1	0.11 1	0.16 1	0.26 1	0.58 2	0.76 2	0.90 2	2.90 12
1955	0.50 10	0.90 12	1.10 15	1.19 15	2.50 32	2.80 31	3.40 36	3.70 36	4.70 33
1956	0.30 7	0.53 7	0.63 7	0.74 5	0.77 4	0.94 5	0.99 6	1.30 7	2.80 8
1957	0.10 3	0.20 2	0.27 3	0.78 6	1.19 12	2.00 25	2.20 25	2.50 27	3.80 25
1958	1.00 22	1.40 25	1.80 28	2.80 39	3.00 36	3.20 37	3.50 37	4.20 42	6.50 43
1959	0.60 11	0.67 9	0.83 9	0.98 10	1.00 8	1.10 8	1.19 7	1.19 6	3.60 23
1960	0.10 4	0.20 3	0.27 4	0.35 2	0.65 3	0.87 3	0.96 4	1.10 5	3.30 20
1961	1.30 30	1.40 26	1.50 24	1.60 24	1.80 22	1.90 20	1.90 17	2.00 21	3.80 26
1962	3.50 48	4.30 53	4.70 53	4.90 52	5.10 53	5.20 53	5.60 53	5.80 51	7.10 45
1963	1.40 31	1.60 30	1.90 31	2.20 30	2.30 29	2.90 32	3.30 35	3.80 37	5.20 36
1964	0.80 15	2.00 38	2.10 36	2.20 31	2.20 28	2.50 28	2.60 28	2.70 28	3.70 24
1965	0.60 12	1.80 33	1.80 29	2.60 36	2.80 33	3.00 33	3.10 34	3.10 32	4.40 30
1966	1.19 26	1.70 31	3.00 43	3.50 46	3.50 43	3.70 40	3.70 40	4.10 40	7.20 46
1967	2.00 39	2.40 40	2.50 39	2.80 40	3.30 41	3.60 38	3.60 38	3.90 38	5.60 38
1968	2.20 42	2.30 39	2.60 40	3.20 42	4.00 47	4.10 44	4.40 45	4.30 43	6.20 41
1969	2.80 45	3.00 46	3.30 47	3.50 47	3.60 44	4.00 42	4.20 43	4.30 44	6.50 44
1970	4.00 53	4.20 51	4.40 51	4.70 51	4.90 51	5.10 52	5.30 51	5.50 50	7.30 47
1971	2.90 46	3.00 47	3.10 46	3.20 43	3.90 46	4.80 50	4.80 46	4.90 45	7.60 49
1972	3.70 49	3.70 48	3.90 49	4.10 49	4.20 50	4.50 47	5.00 47	5.10 46	7.80 50
1973	3.70 50	3.70 49	3.80 48	4.00 48	4.10 48	4.80 48	5.10 50	5.40 49	8.80 52
1974	2.10 40	2.80 44	3.00 44	3.30 44	3.70 45	4.00 43	4.10 42	4.10 39	5.80 40
1975	1.80 35	1.90 34	2.20 37	2.40 34	2.50 30	2.60 29	2.90 30	3.00 30	3.90 27

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

DOCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
9.97	5.29	3.33	2.89	2.99	3.95	33.7	108	76.3	34.0	22.2	14.6
49.0	18.8	6.43	2.60	2.54	7.10	401	2953	1781	175	55.9	30.4
7.00	4.34	2.54	1.61	1.59	2.67	20.0	54.3	42.2	13.2	7.48	5.52
3.43	3.61	2.57	0.87	0.77	2.24	0.66	1.52	1.36	0.84	0.37	0.43
0.70	0.82	0.76	0.56	0.53	0.68	0.59	0.50	0.55	0.39	0.34	0.38
3.14	1.67	1.05	0.91	0.94	1.24	10.6	34.0	24.1	10.7	7.01	4.60

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

DOCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.92	0.64	0.43	0.39	0.41	0.51	1.43	1.99	1.82	1.50	1.32	1.13
0.06	0.07	0.08	0.07	0.07	0.07	0.12	0.04	0.05	0.03	0.02	0.04
0.25	0.26	0.29	0.27	0.26	0.27	0.34	0.20	0.23	0.18	0.15	0.19
-0.07	0.31	-0.03	-0.63	-0.64	-0.08	-1.57	0.46	-0.22	-0.49	-0.32	-1.09
0.27	0.40	0.68	0.70	0.63	0.53	0.24	0.10	0.13	0.12	0.12	0.17
7.40	5.12	3.42	3.10	3.28	4.12	11.4	15.9	14.6	12.0	10.6	9.04

GUNNISON RIVER BASIN

09144000 SURFACE CREEK AT ECKERT, COLO.--Continued

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

Table with 12 columns (OCT to SEPT) and 10 rows of monthly mean statistics including mean, variance, standard deviation, skewness, and coefficient of variation.

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

Table with 12 columns (OCT to SEPT) and 10 rows of log monthly mean statistics including mean, variance, standard deviation, skewness, and coefficient of variation.

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

Summary statistics for normal annual means: MEAN 4.52, VARIANCE 15.4, STANDARD DEVIATION 3.93, SKEWNESS 2.16, COEFF. OF VARIATION 0.87, SERIAL CORR -0.109.

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

Summary statistics for log annual means: MEAN 0.55, VARIANCE 0.09, STANDARD DEVIATION 0.30, SKEWNESS 0.96, COEFF. OF VARIATION 0.55, SERIAL CORR -0.049.

09144200 TONGUE CREEK AT CORY, COLO.

LOCATION.--Lat 38°47'16", long 107°59'41", in SW¼SE¼ sec.34, T.14 S., R.95 W., Delta County, on left bank at downstream side of bridge, 500 ft (150 m) upstream from North Delta Canal headgate, 0.5 mi (0.8 km) west of Cory, and 1.5 mi (2.4 km) upstream from mouth.

DRAINAGE AREA.--197 mi² (510 km²).

REMARKS.--Natural flow of stream affected by diversions to and from nearby streams, many small 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 TONGUE CREEK AT CORY, CO.

Duration table showing the number of days in class for various discharge values from 1958 to 1968.

Summary table for discharge values showing CLASS, VALUE, TOTAL, ACCUM, and PERCT for each class from 0 to 11.

09144200 TONGUE CREEK AT CORY, 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
TONGUE CREEK AT CORY, CO.

YEAR	1	3	7	15	30	60	90	120	183
1958	632.0 1	549.0 1	419.0 1	320.0 1	300.0 1	277.0 1	208.0 1	170.0 1	128.0 1
1959	41.0 10	39.0 10	37.0 9	36.0 8	36.0 7	34.0 6	33.0 5	32.0 6	28.0 7
1960	89.0 8	77.0 8	60.0 7	43.0 7	35.0 8	30.0 8	25.0 8	23.0 9	21.0 9
1961	29.0 11	29.0 11	27.0 11	20.0 11	20.0 10	20.0 10	19.0 10	18.0 10	17.0 10
1962	309.0 3	301.0 2	261.0 2	188.0 2	141.0 2	95.0 3	73.0 3	60.0 3	46.0 4
1963	150.0 6	103.0 6	72.0 6	51.0 6	40.0 6	34.0 7	32.0 6	32.0 7	31.0 5
1964	150.0 7	87.0 7	41.0 8	24.0 10	19.0 11	17.0 11	16.0 11	15.0 11	14.0 11
1965	326.0 2	275.0 3	184.0 3	138.0 3	116.0 3	107.0 2	82.0 2	68.0 2	59.0 2
1966	239.0 4	214.0 4	175.0 4	128.0 4	92.0 4	66.0 4	54.0 4	48.0 4	48.0 3
1967	53.0 9	39.0 9	30.0 10	29.0 9	28.0 9	27.0 9	25.0 9	24.0 8	23.0 8
1968	163.0 5	107.0 5	85.0 5	68.0 5	56.0 5	40.0 5	32.0 7	32.0 5	28.0 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
TONGUE CREEK AT CORY, CO.

YEAR	1	3	7	14	30	60	90	120	183
1959	7.10 9	8.00 8	6.90 8	11.00 8	12.00 8	13.00 8	16.00 8	21.00 9	25.00 8
1960	1.30 5	1.40 5	1.70 5	1.90 5	2.00 5	2.30 4	2.50 3	3.00 3	4.20 2
1961	1.40 6	1.80 6	1.90 6	2.00 6	2.20 6	2.50 5	2.90 4	3.50 4	5.70 4
1962	1.10 4	1.19 4	1.30 4	1.40 4	1.60 3	1.70 2	1.90 1	2.30 1	4.30 3
1963	5.60 8	8.00 9	10.00 9	12.00 9	13.00 9	14.00 9	16.00 9	20.00 8	25.00 9
1964	0.80 3	0.83 3	0.90 3	0.95 2	1.10 1	1.60 1	2.30 2	2.30 2	2.70 1
1965	0.50 1	0.53 1	0.77 1	0.94 1	1.10 2	1.80 3	4.20 5	5.50 5	7.10 5
1966	7.70 10	9.70 10	13.00 10	13.00 10	18.00 10	23.00 10	29.00 10	35.00 10	41.00 10
1967	2.30 7	3.20 7	3.50 7	4.20 7	5.70 7	5.90 6	7.60 6	9.50 7	14.00 7
1968	0.60 2	0.80 2	0.89 2	1.00 3	1.80 4	6.20 7	9.60 7	9.00 6	11.00 6

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
29.5	29.8	26.5	23.2	26.0	26.0	45.5	48.2	33.7	7.57	11.9	18.1
417	211	119	85.7	178	228	3389	5860	2405	45.0	122	322
20.4	14.5	10.9	9.26	13.4	15.1	58.2	76.6	49.0	6.71	11.1	17.9
1.74	1.51	1.35	1.41	1.76	1.61	1.70	2.48	2.01	0.98	1.28	1.91
0.69	0.49	0.41	0.40	0.51	0.58	1.28	1.59	1.45	0.89	0.93	0.99
9.04	9.14	8.14	7.11	7.98	7.98	14.0	14.8	10.3	2.32	3.65	5.55

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.39	1.43	1.39	1.34	1.37	1.36	1.32	1.27	1.11	0.70	0.87	1.07
0.07	0.04	0.03	0.02	0.04	0.04	0.34	0.39	0.43	0.18	0.22	0.19
0.26	0.19	0.16	0.16	0.19	0.21	0.58	0.63	0.66	0.43	0.47	0.44
0.51	0.74	0.68	0.59	0.74	1.05	0.34	0.51	0.38	0.01	-0.20	-0.01
0.19	0.13	0.12	0.12	0.14	0.15	0.44	0.50	0.59	0.61	0.54	0.41
9.51	9.80	9.53	9.14	9.38	9.31	9.02	8.65	7.55	4.81	5.97	7.32

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
27.1	453	21.3	2.20	0.78	-0.193

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.34	0.08	0.28	0.79	0.21	-0.163

GUNNISON RIVER BASIN

09144500 RED MOUNTAIN CREEK NEAR IRONTON, COLO.

LOCATION.--Lat 37°57'46", long 107°39'44", Ouray County, on right bank 0.2 mi (0.3 km) upstream from Hendrick Gulch, 2.0 mi (3.2 km) upstream from mouth, 2.2 mi (3.5 km) northeast of Ironton, and 4.0 mi (6.4 km) south of Ouray.

DRAINAGE AREA.--18.1 mi² (46.9 km²).

REMARKS.--Water is imported above station by Red Mountain ditch from Mineral Creek in San Juan River basin. No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RED MOUNTAIN CREEK NEAR IRONTON, 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																																			
1948										2	98	24	16	12	54	18	18	13	10	12	5	11	7	9	6	7	8	2	6	5	9	12	2			
1949								1	15	32	46	37	23	48	28	12	8	5	1	8	5	5	7	16	13	10	6	8	11	6	2	5	4	1	2	
1950					8	9	19	30	3	40	43	42	39	16	9	13	7	4	10	8	9	7	6	8	9	11	4	11								
1951	1																																			
1952		1	1	1	4	23	34	65	24	47	15	13	15	14	6	14	5	10	10	5	9	6	6	5	3	9	9	9	1	1						
1953					8	49	51	50	18	14	5	3	1	12	14	10	16	14	7	6	11	13	7	6	6	7	11	3	4	8	5	7				
1954						1	50	21	58	69	26	23	21	7	9	9	8	12	3	8	6	1	4	3	4	3	8	7	2	1	1					
1955					1	15	47	29	36	24	39	32	14	8	5	13	18	8	7	15	10	11	10	13	2	3	2	3	2	3	2	2				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2922	100.0	12	14.0	153	1453	49.7	24	73	50	339	11.6
1	3.00	1	2922	100.0	13	16.0	157	1300	44.5	25	83	48	289	9.8
2	3.40	0	2921	100.0	14	18.0	169	1143	39.1	26	96	52	241	8.2
3	4.00	2	2921	100.0	15	21.0	83	974	33.3	27	110	47	189	6.4
4	4.50	28	2919	99.9	16	24.0	96	891	30.5	28	130	50	142	4.8
5	5.20	72	2891	98.9	17	28.0	70	795	27.2	29	150	26	92	3.1
6	6.00	176	2819	96.5	18	32.0	61	725	24.8	30	170	24	66	2.2
7	6.90	161	2643	90.5	19	36.0	78	664	22.7	31	190	25	42	1.4
8	7.90	278	2482	84.9	20	42.0	47	586	20.1	32	220	14	17	.5
9	9.10	145	2204	75.4	21	48.0	72	539	18.4	33	250	1	3	.1
10	10.00	365	2059	70.5	22	55.0	63	467	16.0	34	290	2	2	
11	12.00	241	1694	58.0	23	63.0	65	404	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
RED MOUNTAIN CREEK NEAR IRONTON, CO.

YEAR	1	3	7	15	30	60	90	120	183
1948	237.0 3	224.0 3	209.0 3	192.0 3	185.0 1	142.0 1	113.0 2	93.0 3	67.0 3
1949	300.0 1	286.0 1	253.0 1	223.0 1	184.0 2	141.0 2	118.0 1	98.0 1	70.0 1
1950	148.0 7	145.0 7	138.0 6	122.0 7	115.0 7	89.0 7	75.0 4	63.0 4	46.0 4
1951	173.0 6	162.0 6	137.0 7	126.0 6	119.0 5	92.0 5	73.0 5	60.0 5	44.0 5
1952	242.0 2	236.0 2	230.0 2	215.0 2	183.0 3	139.0 3	112.0 3	93.0 2	68.0 2
1953	230.0 4	211.0 4	180.0 4	156.0 4	137.0 4	94.0 4	72.0 6	59.0 6	43.0 6
1954	128.0 8	120.0 8	106.0 8	87.0 8	75.0 8	60.0 8	51.0 8	44.0 8	34.0 8
1955	196.0 5	185.0 5	178.0 5	145.0 5	115.0 6	90.0 6	70.0 7	57.0 7	41.0 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
RED MOUNTAIN CREEK NEAR IRONTON, CO.

YEAR	1	3	7	14	30	60	90	120	183
1949	7.60 7	8.60 7	9.00 7	9.10 7	9.50 7	9.70 7	9.90 7	10.00 7	12.00 7
1950	5.40 4	5.40 3	5.60 3	5.80 2	6.60 5	7.40 5	8.20 5	9.10 5	11.00 5
1951	3.00 1	4.00 1	5.30 2	5.80 3	6.20 4	6.80 4	7.30 4	7.60 4	8.50 4
1952	5.40 5	5.50 4	5.70 4	5.90 4	6.10 2	6.50 3	6.70 3	7.10 3	7.90 2
1953	6.50 6	6.80 6	7.70 6	8.60 6	8.80 6	9.10 6	9.60 6	10.00 6	12.00 6
1954	5.00 3	5.70 5	5.80 5	5.90 5	6.10 3	6.40 2	6.50 2	7.00 2	8.00 3
1955	4.00 2	4.30 2	4.60 1	5.10 1	5.40 1	5.50 1	5.60 1	5.90 1	7.60 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)											
1.14	1.07	0.98	0.90	0.89	0.91	1.32	1.86	2.07	1.67	1.32	1.16
0.02	0.02	0.01	0.01	0.01	0.01	0.03	0.01	0.03	0.04	0.02	0.01
0.14	0.13	0.12	0.11	0.10	0.10	0.17	0.11	0.17	0.20	0.14	0.12
0.73	0.19	-0.22	-0.19	-0.11	-0.21	-0.01	0.99	-1.41	0.32	0.03	0.19
0.12	0.13	0.12	0.12	0.11	0.11	0.13	0.06	0.08	0.12	0.11	0.10
7.48	6.97	6.44	5.91	5.81	5.94	8.63	12.2	13.5	10.9	8.66	7.56

GUNNISON RIVER BASIN

09144500 RED MOUNTAIN CREEK NEAR IRONTON, 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)											
14.6	12.1	9.95	8.24	7.93	8.30	22.3	75.0	124	51.1	22.1	14.8
25.0	14.1	6.70	4.07	3.36	3.72	73.4	477	1647	576	50.1	16.6
5.00	3.75	2.59	2.02	1.83	1.93	8.57	21.8	40.6	24.0	7.08	4.07
1.38	0.35	-0.01	-0.05	0.20	-0.07	0.51	1.64	-0.37	0.70	0.36	0.63
0.34	0.31	0.26	0.24	0.23	0.23	0.38	0.29	0.33	0.47	0.32	0.28
3.94	3.27	2.68	2.22	2.14	2.24	6.02	20.2	33.5	13.8	5.96	3.99

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
30.9	63.7	7.98	0.36	0.26	0.412

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.48	0.01	0.11	0.13	0.08	0.427

09145000 UNCOMPAGRE RIVER AT OURAY, COLO.

LOCATION.--Lat 38°01'09", long 107°40'32", in NW¼SW¼ sec.31, T.44 N., R.7 W. (projected), Ouray County, in box canyon at southwest edge of Ouray, a short distance upstream from highway bridge, and 150 ft (48 m) upstream from Canyon Creek.

DRAINAGE AREA.--42.0 mi² (108.8 km²).

REMARKS.--One diversion for power above station; water is returned to river below station. Figures given herein include flow diverted around station through power plant.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE-(CFS)
MEAN
UNCOMPAGRE RIVER AT OURAY, 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																																				
1917		2	3	4	24	17	27	29	40	32	15	24	20	8	11	6	14	13	2	11	6	9	3	9	5	1	3	7	3	3	13	1				
1918		13	11	26	35	61	20	22	14	25	17	13	11	12	8	2	1	8	8	12	3	5	11	10	3	1	5	4	2	2						
1919		7	64	38	53	43	11	21	2	7	2	1	12	12	10	4	11	7	6	8	15	6	12	7	3	3										
1920			7	93	31	69	20	17	10	8	3	9	6	4	7	8	5	12	5	4	13	8	9	5	5	8										
1921		2	2	3	15	19	33	30	34	40	18	18	18	12	6	11	6	6	10	3	14	14	9	6	3	7	9	7	1	2	2	4	1			
1922			1	11	31	47	48	38	39	14	10	7	10	8	8	5	13	7	3	6	7	8	8	3	7	14	7	5								
1923				27	45	43	19	32	28	2	3	7	23	26	13	11	10	7	5	9	6	11	7	6	15	8	2									
1924				3	69	67	30	24	27	24	23	8	6	2	4	3	7	3	12	5	6	10	18	5	3	5	2									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.0	0	2922	100.00	12	36.0	113	1185	40.55	24	250.0	70	329	11.26
1	6.0	2	2922	100.00	13	42.0	98	1072	36.69	25	300.0	65	259	8.86
2	7.1	4	2920	99.93	14	50.0	76	974	33.33	26	350.0	54	194	6.64
3	8.3	16	2916	99.79	15	58.0	90	898	30.73	27	410.0	46	140	4.79
4	9.8	26	2900	99.25	16	69.0	66	808	27.65	28	480.0	36	94	3.22
5	11.0	174	2874	98.36	17	81.0	56	742	25.39	29	570.0	24	58	1.98
6	14.0	188	2700	92.40	18	95.0	57	686	23.48	30	670.0	7	34	1.16
7	16.0	426	2512	85.97	19	110.0	60	629	21.53	31	790.0	17	27	0.92
8	19.0	287	2086	71.39	20	130.0	45	569	19.47	32	920.0	5	10	0.34
9	22.0	276	1799	61.57	21	150.0	77	524	17.93	33	1100.0	4	5	0.17
10	26.0	218	1523	52.12	22	180.0	57	447	15.30	34	1300.0	1	1	0.03
11	30.0	120	1305	44.66	23	210.0	61	390	13.35					

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

DISCHARGE-(CFS)
MEAN
UNCOMPAGRE RIVER AT OURAY, CO.

YEAR	1	3	7	15	30	60	90	120	183									
1917	945.00	3	895.00	2	857.00	2	840.00	2	702.00	1	461.00	1	349.00	2	275.00	2	191.00	2
1918	996.00	2	946.00	3	832.00	3	688.00	3	481.00	3	353.00	5	267.00	5	212.00	5	152.00	5
1919	526.00	7	499.00	7	436.00	7	390.00	7	332.00	8	281.00	8	226.00	8	186.00	8	130.00	8
1920	636.00	4	609.00	4	580.00	4	530.00	4	467.00	4	358.00	3	283.00	4	228.00	4	160.00	4
1921	1350.00	1	1300.00	1	1190.00	1	860.00	1	644.00	2	442.00	2	351.00	1	283.00	1	201.00	1
1922	615.00	6	600.00	5	579.00	5	529.00	5	463.00	5	355.00	4	286.00	3	230.00	3	162.00	3
1923	498.00	8	469.00	8	413.00	8	382.00	8	368.00	7	306.00	7	245.00	6	201.00	6	149.00	6
1924	633.00	5	585.00	6	507.00	6	464.00	6	370.00	6	312.00	6	245.00	7	195.00	7	136.00	7

09145000 UNCOMPAGRE RIVER AT OURAY, COLO.--Continued

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

DISCHARGE-(CFS)
MEAN
UNCOMPAGRE RIVER AT OURAY, CO.

YEAR	1	3	7	14	30	60	90	120	183
1917	8.00 2	10.00 5	12.00 7	12.00 5	14.00 5	16.00 5	16.00 4	17.00 4	33.00 8
1918	8.90 3	9.20 2	9.40 1	11.00 1	12.00 1	13.00 2	14.00 2	14.00 1	15.00 1
1919	10.00 4	10.00 3	11.00 4	11.00 2	12.00 2	12.00 1	13.00 1	14.00 2	16.00 2
1920	10.00 5	10.00 4	11.00 5	14.00 7	16.00 7	16.00 6	17.00 6	17.00 5	19.00 3
1921	6.00 1	9.00 1	9.90 2	11.00 3	13.00 4	14.00 3	16.00 5	19.00 8	20.00 6
1922	10.00 6	11.00 6	12.00 6	13.00 6	15.00 6	17.00 7	18.00 7	17.00 6	19.00 4
1923	11.00 7	11.00 7	11.00 3	12.00 4	12.00 3	14.00 4	15.00 3	15.00 3	19.00 5
1924	14.00 8	14.00 8	15.00 8	18.00 8	18.00 8	19.00 8	19.00 8	19.00 7	25.00 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)											
34.40	22.00	18.00	16.00	15.90	18.10	41.30	231.00	443.00	157.00	53.80	35.60
648.00	32.50	10.40	4.61	3.79	18.30	94.60	3129.00	15940.00	3978.00	262.00	215.00
25.40	5.70	3.22	2.15	1.95	4.27	9.72	55.90	126.00	63.10	16.20	14.70
2.48	0.00	-1.02	-0.67	-0.25	0.72	0.08	-1.75	0.63	1.63	-0.10	0.60
0.74	0.26	0.18	0.13	0.12	0.24	0.24	0.24	0.28	0.40	0.30	0.41
3.17	2.03	1.66	1.47	1.46	1.67	3.80	21.30	40.80	14.40	4.96	3.28

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)											
1.47	1.33	1.25	1.20	1.20	1.25	1.60	2.35	2.63	2.17	1.71	1.52
0.05	0.01	0.01	0.00	0.00	0.01	0.01	0.02	0.01	0.02	0.02	0.03
0.23	0.12	0.09	0.06	0.05	0.10	0.11	0.14	0.12	0.16	0.14	0.18
2.03	-0.15	-1.35	-0.81	-0.68	0.33	-0.41	-2.29	0.14	0.80	-0.46	0.00
0.15	0.09	0.07	0.05	0.05	0.08	0.07	0.06	0.05	0.07	0.08	0.12
7.47	6.76	6.34	6.10	6.09	6.34	8.16	11.90	13.40	11.00	8.70	7.72

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
90.5	194.00	13.9	0.79	0.15	0.070

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.95	0.00	0.06	0.58	0.03	0.094

09145500 CANYON CREEK AT OURAY, COLO.

LOCATION.--Lat 38°01'11", long 107°40'32", in NW¼SW¼ sec.31, T.44 N., R.7 W. (projected), Ouray County, on vertical rock cliff 200 ft (61 m) upstream from mouth, at Ouray.

DRAINAGE AREA.--25.9 mi² (67.1 km²).

REMARKS.--No diversion above station. Hot springs keep channel free from ice.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CANYON CREEK AT OURAY, 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
1912			2	1	2	63	1	59	7	7	19	13	25	11	5	4	1	8	17	14	5	3	4	7	7	24	22	8	19	5	2			1	
1913					7	45	36	42	8	9	11	26	7	13	13	25	13	11	8	4	12	1	10	6	15	4	9	12	11	13	2				
1914			2			73		9	32	11	31	11	34	18	19	3	11	8	8	9	17	5	4	3	6	7	16	6	4	7	10	1			
1915		1	8		13	15	9	6	53	26	24	3	9	29	9	17	18	10	15	8	10	7	5	9	8	7	7	3	6	13	5	7	5		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1461	100.0	12	13.0	79	879	60.2	24	93	24	310	21.2
1	2.00	1	1461	100.0	13	15.0	33	800	54.8	25	110	34	286	19.5
2	2.40	0	1460	99.9	14	17.0	95	767	52.5	26	130	21	252	17.2
3	2.80	12	1460	99.9	15	21.0	51	672	46.0	27	150	46	231	15.8
4	3.30	0	1448	99.1	16	24.0	54	621	42.5	28	180	44	195	12.6
5	3.90	21	1448	99.1	17	29.0	50	557	38.8	29	210	41	141	9.6
6	4.60	62	1427	97.7	18	34.0	35	517	35.4	30	250	51	100	6.8
7	5.40	181	1365	93.4	19	40.0	42	482	33.0	31	300	16	49	3.3
8	6.40	49	1184	81.0	20	47.0	29	440	30.1	32	350	16	33	2.2
9	7.60	129	1135	77.7	21	56.0	44	411	28.1	33	410	15	17	1.1
10	9.00	74	1006	68.9	22	66.0	22	367	25.1	34	490	2	2	.1
11	11.00	53	932	63.8	23	78.0	35	345	23.6					

09145500 CANYON CREEK AT OURAY, 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
CANYON CREEK AT OURAY, CO.

YEAR	1	3	7	15	30	60	90	120	183
1912	510.0 1	365.0 3	325.0 3	298.0 3	255.0 3	233.0 3	203.0 2	165.0 2	116.0 2
1913	346.0 4	311.0 4	300.0 4	281.0 4	247.0 4	204.0 4	164.0 4	132.0 4	97.0 4
1914	490.0 2	481.0 1	431.0 2	393.0 1	343.0 1	279.0 1	216.0 1	176.0 1	123.0 1
1915	469.0 3	463.0 2	438.0 1	388.0 2	330.0 2	242.0 2	188.0 3	154.0 3	109.0 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
CANYON CREEK AT OURAY, CO.

YEAR	1	3	7	14	30	60	90	120	183
1912	3.00 2	3.30 2	4.70 3	5.30 3	5.70 3	6.10 3	6.50 3	6.80 2	24.00 4
1913	4.00 4	4.00 3	4.40 2	4.50 2	4.80 2	5.20 1	5.60 1	5.90 1	8.20 1
1914	3.00 3	5.00 4	5.60 4	5.80 4	5.90 4	6.10 4	6.50 4	7.40 4	11.00 3
1915	2.00 1	3.00 1	3.90 1	4.10 1	4.60 1	5.60 2	6.30 2	6.90 3	10.00 2

09146000 UNCOMPAHGRE RIVER BELOW OURAY, COLO.

LOCATION.--Lat 38°01'52", long 107°40'28", in SW¼SW¼ sec.30, T.44 N., R.7 W. (projected), Ouray County, 0.6 mi (1.0 km) north of Ouray and 0.9 mi (1.4 km) downstream from Canyon Creek.

DRAINAGE AREA.--75.4 mi² (195.3 km²).

REMARKS.--Slight regulation of low flow by power plant at Ouray. One small diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
UNCOMPAHGRE RIVER BELOW OURAY, CO.

CLASS YEAR	NUMBER OF DAYS IN CLASS																																		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1914				1	12	6	40	52	23	18	13	10	33	22	15	9	6	4	12	6	5	5	3	11	7	6	12	6	9	2	11	4			2
1915		2	1	5	19	30	37	28	15	17	14	30	27	20	12	14	7	5	12	10	6	9	4	12	9	4	3	1	2	4	6				
1916			1	3	2	53	61	33	15	11	13	21	11	13	5	3	9	10	20	8	15	2	16	16	4	3	5	5	3	5					
1917				6	41	42	36	15	12	25	19	16	18	18	8	8	19	10	6	8	4	4	8	4	3	6	5	4	4	13	3				
1918				2	63	63	30	18	20	11	18	22	13	15	7	5	6	2	8	13	4	5	6	12	3	4	4	4	6	1					
1919				2	2	83	48	53	31	16	2	8	2	5	13	12	10	5	7	12	5	8	12	14	14	1									
1920			1	9	80	73	35	11	2	10	14	10	8	6	7	4	14	7	3	1	7	2	2	3	9	12	18	8							
1921				2	6	46	46	26	37	40	19	11	4	9	13	7	9	5	2	7	13	8	14	4	7	7	14	1	2	5	1				
1922			1	1	22	43	15	58	48	26	10	4	9	3	4	14	12	11	8	6	5	4	5	9	7	6	16	6	6						
1923				7	31	98	45	11	3	4	3	10	9	22	13	9	8	10	10	8	5	5	11	6	11	18	7	1							
1924				94	36	13	28	27	14	12	16	10	12	10	5	9	10	5	7	9	7	6	15	9	5	3	3	1							
1925				4	42	30	59	23	11	2	3	6	8	30	10	11	17	12	14	19	18	9	10	3	4	9	6	5							
1926							16	53	63	26	25	19	11	14	11	16	19	10	4	9	14	4	6	12	14	5	7	4	3						
1927			1	1	14	52	33	19	19	19	9	11	3	13	9	5	11	20	16	11	17	13	27	12	12	4	2	1	1						
1928				1	2	23	47	31	8	18	23	34	16	29	16	8	16	7	2	19	10	11	13	10	9	11	2								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5479	100.0	12	55.0	237	2822	51.5	24	350	122	828	15.1
1	10.00	2	5479	100.0	13	64.0	226	2585	47.2	25	400	162	706	12.8
2	12.00	0	5477	100.0	14	74.0	217	2359	43.1	26	470	118	544	9.9
3	14.00	1	5477	100.0	15	87.0	148	2142	39.1	27	550	110	426	7.7
4	16.00	9	5476	99.9	16	100.0	202	1994	36.4	28	640	112	316	5.7
5	19.00	37	5467	99.8	17	120.0	152	1792	32.7	29	750	87	204	3.7
6	22.00	107	5430	99.1	18	140.0	123	1640	29.9	30	870	45	117	2.1
7	25.00	586	5323	97.2	19	160.0	174	1517	27.7	31	1000	42	72	1.3
8	29.00	699	4737	86.5	20	190.0	136	1343	24.5	32	1200	23	30	.5
9	34.00	560	4038	73.7	21	220.0	107	1207	22.0	33	1400	4	7	.1
10	40.00	396	3478	63.5	22	250.0	163	1100	20.1	34	1600	3	3	
11	47.00	260	3082	56.3	23	300.0	109	937	17.1					

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

YEAR	1	3	7	15	30	60	90	120	183
1914	1650.0 1	1540.0 1	1220.0 3	1080.0 2	971.0 2	782.0 2	618.0 1	498.0 1	353.0 1
1915	1180.0 6	1130.0 5	1090.0 5	890.0 6	683.0 9	479.0 14	383.0 14	315.0 14	228.0 14
1916	1070.0 8	1050.0 7	976.0 7	873.0 7	712.0 7	531.0 8	440.0 7	381.0 8	277.0 9
1917	1480.0 4	1390.0 2	1350.0 1	1320.0 1	1120.0 1	784.0 1	594.0 2	479.0 2	339.0 2
1918	1270.0 5	1170.0 4	1140.0 4	984.0 4	754.0 6	562.0 7	432.0 10	347.0 12	255.0 11
1919	685.0 15	635.0 15	594.0 15	554.0 15	489.0 15	454.0 15	373.0 15	314.0 15	224.0 15
1920	990.0 10	971.0 9	895.0 8	853.0 8	817.0 5	681.0 3	527.0 5	429.0 5	299.0 6

GUNNISON RIVER BASIN

09146000 UNCOMPAHGRE RIVER BELOW OURAY, 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
UNCOMPAHGRE RIVER BELOW OURAY, CO.

YEAR	1	3	7	15	30	60	90	120	183
1921	1550.0 3	1300.0 3	1310.0 2	1020.0 3	880.0 3	669.0 4	552.0 3	452.0 3	321.0 4
1922	1090.0 7	1020.0 8	980.0 6	954.0 5	831.0 4	660.0 5	529.0 4	433.0 4	304.0 5
1923	872.0 13	820.0 13	754.0 12	738.0 11	686.0 8	587.0 6	472.0 6	394.0 6	288.0 8
1924	1030.0 9	917.0 10	870.0 9	753.0 9	636.0 10	513.0 10	413.0 13	340.0 13	242.0 13
1925	920.0 11	888.0 11	832.0 11	704.0 12	560.0 12	511.0 11	435.0 8	375.0 9	294.0 7
1926	902.0 12	862.0 12	839.0 10	751.0 10	630.0 11	515.0 9	418.0 12	348.0 11	249.0 12
1927	1620.0 2	1070.0 6	752.0 13	582.0 14	526.0 14	500.0 12	433.0 9	389.0 7	324.0 3
1928	759.0 14	739.0 14	731.0 14	644.0 13	547.0 13	495.0 13	429.0 11	357.0 10	262.0 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
UNCOMPAHGRE RIVER BELOW OURAY, CO.

YEAR	1	3	7	14	30	60	90	120	183
1915	10.00 1	12.00 1	18.00 1	19.00 1	20.00 1	21.00 1	23.00 1	25.00 1	37.00 7
1916	18.00 4	23.00 6	25.00 7	26.00 6	27.00 7	27.00 5	28.00 6	29.00 5	34.00 4
1917	24.00 12	24.00 7	25.00 8	26.00 7	27.00 8	28.00 9	29.00 10	31.00 10	49.00 12
1918	23.00 9	25.00 10	26.00 11	27.00 11	27.00 9	27.00 6	28.00 7	29.00 6	33.00 3
1919	29.00 15	29.00 14	30.00 14	31.00 14	31.00 13	32.00 13	32.00 11	33.00 11	38.00 9
1920	20.00 6	24.00 8	25.00 9	26.00 8	27.00 10	27.00 7	27.00 4	28.00 3	30.00 1
1921	23.00 10	26.00 12	29.00 12	29.00 12	29.00 12	31.00 12	33.00 12	36.00 12	42.00 11
1922	16.00 2	22.00 4	22.00 2	23.00 2	24.00 2	26.00 2	28.00 5	30.00 7	35.00 5
1923	22.00 7	23.00 5	24.00 5	26.00 9	27.00 11	28.00 10	29.00 8	30.00 8	32.00 2
1924	25.00 13	25.00 11	25.00 10	26.00 10	26.00 5	26.00 3	26.00 2	27.00 2	37.00 8
1925	23.00 11	24.00 9	24.00 6	25.00 5	27.00 6	27.00 8	29.00 9	31.00 9	35.00 6
1926	29.00 14	30.00 15	32.00 15	33.00 15	34.00 15	36.00 15	38.00 15	40.00 14	55.00 14
1927	18.00 3	20.00 2	22.00 3	23.00 3	24.00 3	26.00 4	27.00 3	29.00 4	41.00 10
1928	22.00 8	27.00 13	29.00 13	31.00 13	32.00 14	35.00 14	37.00 14	42.00 15	64.00 15
1929	19.00 5	22.00 3	24.00 4	25.00 4	26.00 4	29.00 11	34.00 13	39.00 13	52.00 13

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
66.6	42.7	33.7	29.7	28.7	37.1	95.1	371	688	327	132	91.6
1013	167	41.4	20.4	13.7	67.9	1508	9902	23100	9851	1641	4277
31.8	12.9	6.43	4.51	3.70	8.24	38.8	99.5	152	99.3	40.5	65.4
1.01	2.21	1.07	0.55	0.54	0.49	1.45	-0.76	0.17	1.60	0.60	2.85
0.48	0.30	0.19	0.15	0.13	0.22	0.41	0.27	0.22	0.30	0.31	0.71
3.43	2.20	1.73	1.53	1.48	1.91	4.90	19.1	35.4	16.8	6.78	4.72

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.78	1.62	1.52	1.47	1.46	1.56	1.95	2.55	2.83	2.50	2.10	1.90
0.04	0.01	0.01	0.00	0.00	0.01	0.03	0.02	0.01	0.01	0.02	0.05
0.19	0.11	0.08	0.07	0.05	0.10	0.17	0.14	0.10	0.12	0.13	0.21
0.52	1.43	0.51	-0.10	0.39	0.22	-0.28	-1.31	-0.15	0.37	0.06	1.58
0.11	0.07	0.05	0.04	0.04	0.06	0.09	0.05	0.03	0.05	0.06	0.11
7.67	6.96	6.55	6.32	6.27	6.71	8.38	11.0	12.2	10.8	9.05	8.18

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
162	418	20.4	0.10	0.13	-0.221

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.21	0.00	0.06	-0.11	0.02	-0.203

09146200 UNCOMPAGRE RIVER NEAR RIDGWAY, COLO.

LOCATION.--Lat 38°11'02", long 107°44'43", in SW¼NE¼ sec.4, T.45 N., R.8 W., Ouray County, on right bank 15 ft (5 m) upstream from bridge, 0.2 mi (0.3 km) downstream from Dry Creek, 0.5 mi (0.8 km) upstream from Dallas Creek, and 2.3 mi (3.7 km) north of Ridgway.

DRAINAGE AREA.--149 mi² (386 km²).

REMARKS.--Diversions for irrigation above station. Water is imported above station in some years by Red Mountain ditch from Mineral Creek in San Juan River basin.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
UNCOMPAGRE RIVER NEAR RIDGWAY, CO.

CLASS YEAR	NUMBER OF DAYS IN CLASS																																					
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34			
1959				4	4	51	49	32	40	28	23	19	12	10	11	8	5	8	7	7	4	6	2	8	7	2	3	1	3	8	3							
1960			2	8	57	31	16	25	26	15	10	17	17	9	16	8	9	12	9	7	10	10	3	7	5	8	9	5	5	1	5	4						
1961					24	56	18	31	31	13	16	16	17	15	26	10	15	6	10	5	4	6	5	4	4	4	11	3	11	4								
1962			1	9	10	44	27	10	31	33	21	10	30	11	5	3	6	3	10	13	14	13	7	7	8	7	11	5	7	7	2							
1963			1	5	8	8	17	39	26	26	16	31	29	35	18	20	5	12	8	5	4	8	13	12	11	6	2											
1964				5	21	39	30	26	20	15	11	19	31	20	8	12	5	2	12	7	11	5	10	9	6	7	8	6	7	5	6	2	1					
1965				1	8	20	59	47	22	18	11	6	4	3	3	6	5	10	15	21	12	8	4	7	11	4	7	7	15	10	9	8	3	1				
1966					3	18	28	16	24	27	26	13	30	27	13	27	10	16	11	8	8	7	2	10	15	4	10	10	2									
1967				3	9	19	39	29	49	31	34	24	15	7	2	4	1	6	5	12	16	14	9	6	12	6	8	2	3									
1968					1	13	47	47	24	47	22	12	24	5	4	8	4	11	3	8	8	6	12	12	8	5	4	1	7	6	6	4	4	3				
1969						11	32	47	22	20	17	21	11	14	15	10	25	6	6	5	7	7	9	19	9	12	12	8	6	2								
1970						3	4	6	59	24	30	20	9	11	10	6	18	8	23	15	15	15	11	7	5	11	6	8	7	9	15	8	1	1				
1971						1	20	31	28	19	6	17	22	47	20	24	7	20	15	8	14	7	9	7	9	6	9	4	2	1	5	5	2					
1972						1	13	18	44	12	36	53	45	28	22	12	16	4	8	4	5	4	6	4	5	9	2	7	5	3								
1973							24	40	42	33	13	14	20	13	26	8	11	8	12	3	4	6	6	5	8	5	10	11	8	4	8	7	5	1	6	3	1	
1974							12	21	60	40	46	27	26	14	5	2	8	1	8	4	11	12	9	12	5	9	8	9	8	7	1							
1975							2	33	42	33	22	37	29	12	11	6	13	11	7	1	4	4	4	4	9	4	6	9	7	11	2	4	6	7	5	6	7	7

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	6209	100.0	12	96.0	311	2631	42.4	24	400	107	657	10.5
1	26.00	1	6209	100.0	13	110.0	162	2320	37.4	25	440	127	550	8.8
2	29.00	19	6208	100.0	14	120.0	244	2158	34.8	26	500	100	423	6.8
3	33.00	119	6189	99.7	15	140.0	94	1914	30.8	27	560	82	323	5.2
4	37.00	340	6070	97.8	16	150.0	173	1820	29.3	28	630	77	241	3.8
5	42.00	587	5730	92.3	17	170.0	133	1647	26.5	29	710	68	164	2.6
6	47.00	594	5143	82.8	18	190.0	151	1514	24.4	30	800	42	96	1.5
7	53.00	457	4549	73.3	19	220.0	153	1363	22.0	31	900	18	54	.8
8	60.00	482	4092	65.9	20	250.0	137	1210	19.5	32	1000	21	36	.5
9	67.00	362	3610	58.1	21	280.0	145	1073	17.3	33	1100	14	15	.2
10	75.00	314	3248	52.3	22	310.0	118	928	14.9	34	1300	1	1	
11	85.00	303	2934	47.3	23	350.0	153	810	13.0					

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
UNCOMPAGRE RIVER NEAR RIDGWAY, CO.

YEAR	1	3	7	15	30	60	90	120	183
1959	840.0	824.0	790.0	746.0	594.0	427.0	329.0	279.0	208.0
1960	998.0	930.0	838.0	710.0	682.0	528.0	424.0	362.0	267.0
1961	747.0	728.0	705.0	646.0	617.0	463.0	365.0	311.0	243.0
1962	816.0	804.0	709.0	684.0	633.0	494.0	436.0	384.0	282.0
1963	464.0	447.0	413.0	382.0	350.0	306.0	258.0	221.0	180.0
1964	1020.0	898.0	817.0	655.0	599.0	505.0	415.0	352.0	265.0
1965	1160.0	1090.0	946.0	816.0	785.0	657.0	548.0	476.0	361.0
1966	560.0	541.0	521.0	492.0	448.0	400.0	333.0	280.0	215.0
1967	650.0	652.0	580.0	448.0	405.0	364.0	316.0	268.0	201.0
1968	1270.0	1160.0	1080.0	855.0	832.0	589.0	495.0	409.0	296.0
1969	665.0	642.0	587.0	535.0	482.0	437.0	388.0	338.0	261.0
1970	987.0	786.0	751.0	688.0	610.0	567.0	465.0	403.0	316.0
1971	914.0	898.0	867.0	773.0	625.0	481.0	386.0	329.0	261.0
1972	585.0	560.0	531.0	514.0	440.0	330.0	261.0	221.0	172.0
1973	1350.0	1240.0	1110.0	928.0	849.0	679.0	569.0	468.0	337.0
1974	675.0	627.0	589.0	540.0	477.0	422.0	358.0	302.0	224.0
1975	1280.0	1240.0	1170.0	1090.0	942.0	754.0	614.0	501.0	356.0

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
UNCOMPAGRE RIVER NEAR RIDGWAY, CO.

YEAR	1	3	7	14	30	60	90	120	183
1960	32.00	33.00	35.00	37.00	38.00	39.00	40.00	42.00	56.00
1961	37.00	39.00	40.00	40.00	42.00	43.00	44.00	46.00	52.00
1962	32.00	33.00	35.00	38.00	41.00	44.00	48.00	49.00	62.00
1963	26.00	29.00	32.00	34.00	38.00	45.00	49.00	51.00	63.00
1964	32.00	33.00	34.00	35.00	35.00	38.00	39.00	42.00	50.00
1965	32.00	35.00	36.00	39.00	42.00	43.00	44.00	45.00	50.00
1966	34.00	35.00	38.00	39.00	41.00	44.00	49.00	55.00	76.00
1967	30.00	32.00	33.00	34.00	37.00	41.00	44.00	47.00	53.00
1968	36.00	39.00	40.00	41.00	42.00	43.00	45.00	47.00	54.00
1969	35.00	36.00	36.00	37.00	39.00	41.00	43.00	44.00	52.00
1970	34.00	35.00	37.00	42.00	48.00	51.00	51.00	54.00	76.00

GUNNISON RIVER BASIN

09146200 UNCOMPAHGRE RIVER NEAR RIDGEWAY, COLO.--Continued

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

YEAR	1	3	7	14	30	60	90	120	183
1971	40.00 16	42.00 16	43.00 16	44.00 16	47.00 15	50.00 15	52.00 16	57.00 16	76.00 16
1972	36.00 11	37.00 11	38.00 10	39.00 10	43.00 13	47.00 14	49.00 14	53.00 13	62.00 12
1973	37.00 13	37.00 12	38.00 11	39.00 11	40.00 7	42.00 6	44.00 5	47.00 9	61.00 10
1974	38.00 15	39.00 13	41.00 15	42.00 15	43.00 14	46.00 13	48.00 10	50.00 11	60.00 9
1975	32.00 3	33.00 3	33.00 3	34.00 3	34.00 1	36.00 1	38.00 1	40.00 1	46.00 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,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
89.0	67.7	51.6	44.0	45.6	58.6	110	323	555	318	154	103
755	168	51.5	17.7	55.1	119	1389	4850	23620	29560	2858	2324
27.5	13.0	7.17	4.21	7.43	10.9	37.3	69.6	154	172	53.5	48.2
1.00	0.87	1.17	0.42	0.67	0.37	0.59	0.11	0.00	1.40	0.43	1.96
0.31	0.19	0.14	0.10	0.16	0.19	0.34	0.22	0.28	0.54	0.35	0.47
4.64	3.53	2.69	2.29	2.37	3.05	5.74	16.8	28.9	16.6	8.02	5.39

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,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.93	1.82	1.71	1.64	1.65	1.76	2.02	2.50	2.73	2.45	2.16	1.98
0.02	0.01	0.00	0.00	0.00	0.01	0.02	0.01	0.02	0.04	0.02	0.03
0.12	0.08	0.06	0.04	0.07	0.08	0.14	0.10	0.13	0.21	0.15	0.17
0.66	0.55	0.94	0.26	0.35	0.01	0.26	-0.20	-0.50	0.51	-0.13	0.77
0.06	0.04	0.03	0.03	0.04	0.05	0.07	0.04	0.05	0.09	0.07	0.09
7.93	7.49	7.02	6.74	6.79	7.23	8.29	10.3	11.2	10.1	8.88	8.13

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
160	823	28.7	0.18	0.18	-0.408

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
2.20	0.01	0.08	-0.08	0.04	-0.407

09146400 WEST FORK DALLAS CREEK NEAR RIDGWAY, COLO.

LOCATION.--Lat 38°04'25", long 107°51'02", in SE¼SE¼ sec.9, T.44 N., R.9 W., Ouray County, on right bank 100 ft (30 m) downstream from unnamed tributary, 5.3 mi (8.5 km) upstream from confluence with East Fork Dallas Creek, and 7 mi (11 km) southwest of Ridgway.

DRAINAGE AREA.--13.1 mi² (33.9 km²).

REMARKS.--One diversion above station for irrigation below.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
WEST FORK DALLAS CREEK NEAR RIDGWAY, 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																																					
1956		3	6	22	82	56	38	33	12	11	4	4	8	9	8	3	6	8	2	17	15	2															
1957		3	88	29	9	12	38	21	6	3	4	1	9	2	13	11	9	11	13	6	2	10	8	20	10	2	6	8	4		3	3	1				
1958		12	68	10	3	9	12	15	11	20	13	16	33	10	2	13	20	10	10	7	6	6	15	10	4	6	6	8	5	5							
1959			52	9	19	23	43	36	19	23	12	13	15	18	14	9	12	9	6	10	2	3	7	6	4	1											
1960		10	65	27	8	18	8	12	7	26	29	22	9	17	6	10	6	15	17	5	12	6	7	12	3	4		3	2								
1961		11	80	33	5	12	13	9	25	9	3	1	5	13	12	12	32	13	11	10	14	11	16	13	2												
1962		1	23	32	22	23	29	21	23	12	24	8	10	6	7	22	15	25	8	10	17	6	7	12	2												
1963		1	9	53	17	12	49	15	22	37	25	12	21	3	14	18	21	25	6	4	1																
1964		17	23	36	21	20	32	23	22	4	5	19	8	12	8	9	6	2	9	7	31	18	19	11	4												
1965		3	45	21	32	4	5	27	19	41	2	1	2	8	10	7	17	9	20	15	8	9	11	10	9	18	7	4	1								
1966					4	39	12	39	12	28	38	28	32	24	9	9	17	9	18	12	12	9	3	2													
1967			3	55	23	39	43	23	23	18	27	9	14	12	14	5	28	13	10	5	1																
1968		16	39	39	25	21	30	11	22	13	6	11	9	12	8	6	4	16	12	19	8	6	7	5	4	6	8	3									
1969		41	23	28	28	11	12	22	23	12	1	3	3	17	24	19	14	11	13	16	15	9	9	5	3	1	1	1	1								
1970		3	4	46	43	17	28	9	8	34	3	11	1	4	11	9	21	5	10	11	9	13	12	19	7	6	2	6	3	2							

09146400 WEST FORK DALLAS CREEK NEAR RIDGWAY, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CDINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WEST FDRK DALLAS CREEK NEAR RIDGWAY,CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5479	100.0	12	9.2	144	2206	40.3	24	40	74	293	5.3
1	2.30	110	5479	100.0	13	10.0	202	2062	37.6	25	45	73	219	3.9
2	2.70	397	5369	98.0	14	12.0	137	1860	33.9	26	51	42	146	2.6
3	3.10	344	4972	90.7	15	13.0	147	1723	31.4	27	57	37	104	1.8
4	3.50	377	4628	84.5	16	15.0	188	1576	28.8	28	65	26	67	1.2
5	3.90	345	4291	78.3	17	17.0	187	1388	25.3	29	73	24	41	.7
6	4.40	358	3946	72.0	18	19.0	211	1201	21.9	30	83	8	17	.3
7	5.00	360	3588	65.5	19	22.0	134	990	18.1	31	94	2	9	.1
8	5.60	319	3228	58.9	20	24.0	184	856	15.6	32	110	3	7	.1
9	6.40	225	2909	53.1	21	28.0	123	672	12.3	33	120	3	4	
10	7.20	239	2684	49.0	22	31.0	130	549	10.0	34	140	1	1	
11	8.10	239	2445	44.6	23	35.0	126	419	7.6					

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

YEAR	1	3	7	15	30	60	90	120	183
1956	40.0 13	40.0 12	38.0 12	37.0 10	35.0 11	29.0 12	24.0 12	20.0 12	15.0 13
1957	144.0 1	132.0 1	127.0 1	104.0 1	81.0 1	66.0 1	55.0 1	47.0 1	34.0 1
1958	80.0 5	79.0 4	73.0 4	69.0 4	61.0 4	48.0 4	40.0 4	34.0 4	25.0 4
1959	51.0 8	48.0 8	46.0 8	43.0 8	36.0 8	27.0 13	23.0 13	20.0 13	16.0 12
1960	69.0 6	66.0 5	58.0 5	48.0 6	42.0 6	33.0 6	28.0 7	24.0 8	19.0 9
1961	42.0 11	41.0 11	39.0 10	37.0 11	35.0 9	30.0 10	26.0 11	24.0 9	19.0 10
1962	50.0 9	47.0 9	44.0 9	43.0 7	38.0 7	31.0 7	27.0 8	25.0 7	20.0 5
1963	28.0 14	25.0 15	22.0 15	21.0 15	20.0 15	19.0 14	18.0 14	16.0 14	13.0 14
1964	40.0 12	39.0 13	38.0 11	36.0 12	33.0 12	31.0 8	29.0 6	26.0 5	20.0 6
1965	90.0 3	82.0 3	76.0 3	70.0 3	64.0 2	56.0 2	48.0 2	42.0 2	33.0 2
1966	50.0 10	43.0 10	37.0 13	34.0 13	32.0 13	30.0 9	27.0 9	23.0 10	19.0 7
1967	28.0 15	25.0 14	25.0 14	22.0 14	21.0 14	19.0 15	17.0 15	15.0 15	12.0 15
1968	65.0 7	62.0 7	56.0 6	52.0 5	44.0 5	34.0 5	30.0 5	26.0 6	19.0 8
1969	81.0 4	66.0 6	51.0 7	40.0 9	35.0 10	29.0 11	26.0 10	23.0 11	18.0 11
1970	99.0 2	89.0 2	85.0 2	74.0 2	61.0 3	53.0 3	45.0 3	39.0 3	31.0 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
WEST FORK DALLAS CREEK NEAR RIDGWAY, CO.

YEAR	1	3	7	14	30	60	90	120	183
1957	2.50 5	2.70 8	2.80 8	2.90 8	3.00 7	3.00 7	3.00 4	3.10 3	3.60 1
1958	2.50 6	2.60 5	2.60 2	2.70 4	2.70 2	2.70 1	3.00 5	3.50 7	5.10 10
1959	2.60 8	2.60 6	2.70 5	2.80 7	3.40 9	3.40 9	3.70 9	4.10 8	4.70 7
1960	2.50 7	2.60 7	2.70 6	2.70 5	2.70 3	2.70 2	2.90 1	3.20 4	4.10 6
1961	2.40 1	2.50 2	2.70 7	2.80 6	2.80 6	2.90 4	2.90 2	3.00 1	3.90 2
1962	2.80 9	3.10 11	3.20 11	3.30 10	3.50 10	3.60 10	3.80 10	4.10 9	5.20 11
1963	3.00 12	3.20 12	3.40 12	3.50 11	3.50 11	3.60 11	3.80 11	4.10 10	5.00 8
1964	2.40 2	2.50 3	2.60 3	2.60 2	2.70 4	2.90 5	3.10 6	3.30 5	4.00 4
1965	2.80 10	3.00 9	3.10 9	3.10 9	3.20 8	3.30 8	3.50 8	4.10 11	5.20 12
1966	3.80 14	3.90 14	4.00 14	4.10 14	4.60 14	4.90 14	5.50 14	5.70 14	7.10 14
1967	3.40 13	3.40 13	3.50 13	3.60 12	3.60 12	3.70 12	3.90 12	4.30 12	5.00 9
1968	2.40 3	2.50 4	2.60 4	2.60 3	2.70 5	2.90 6	3.10 7	3.30 6	4.10 5
1969	2.40 4	2.40 1	2.50 1	2.50 1	2.60 1	2.70 3	2.90 3	3.10 2	3.90 3
1970	3.00 11	3.00 10	3.20 10	3.60 13	3.90 13	3.90 13	3.90 13	4.30 13	5.70 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,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
7.06	5.84	4.67	3.81	3.36	3.53	7.87	21.8	37.2	29.7	16.8	11.3
2.88	1.42	0.83	0.74	0.32	0.73	7.96	75.0	142	299	54.7	24.1
1.70	1.19	0.91	0.86	0.57	0.85	2.82	8.66	11.9	17.3	7.40	4.90
0.71	0.88	0.13	2.18	1.15	1.04	0.48	1.20	0.27	1.82	1.46	1.74
0.24	0.20	0.20	0.23	0.17	0.24	0.36	0.40	0.32	0.58	0.44	0.43
4.62	3.81	3.05	2.49	2.19	2.31	5.15	14.3	24.3	19.4	11.0	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,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.84	0.76	0.66	0.57	0.52	0.54	0.87	1.31	1.55	1.42	1.19	1.02
0.01	0.01	0.01	0.01	0.00	0.01	0.03	0.03	0.02	0.04	0.03	0.03
0.10	0.08	0.09	0.09	0.07	0.10	0.16	0.16	0.15	0.20	0.17	0.16
0.17	0.68	-0.18	1.34	0.71	0.66	-0.11	0.44	-0.37	1.10	0.46	0.76
0.12	0.11	0.13	0.15	0.13	0.18	0.18	0.12	0.09	0.14	0.15	0.16
7.45	6.74	5.88	5.08	4.63	4.78	7.73	11.7	13.8	12.6	10.6	9.10

GUNNISON RIVER BASIN

09146400 WEST FORK DALLAS CREEK NEAR RIDGWAY, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
12.8	11.8	3.43	0.91	0.27	-0.044

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.09	0.01	0.11	0.56	0.10	-0.055

09146500 EAST FORK DALLAS CREEK NEAR RIDGWAY, COLO.

LOCATION.--Lat 38°05'36", long 107°48'47", in NW¼SW¼ sec.1, T.44 N., R.9 W., Ouray County, on right bank 300 ft (91 m) downstream from private bridge, 1.9 mi (3.1 km) upstream from Beaver Creek, and 5.0 mi (8.0 km) southwest of Ridgway.

DRAINAGE AREA.--16.8 mi² (43.5 km²).

REMARKS.--One small diversion above station diverts water to Beaver Creek drainage for irrigation of about 50 acres (202,000 m²) of hay meadows.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN	EAST FORK DALLAS CREEK NEAR RIDGWAY, CO.																																			
CLASS YEAR	NUMBER OF DAYS IN CLASS																																			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
1948					1	50	30	23	12	10	2	3	12	26	25	24	22	13	8	9	12	8	10	8	17	18	7	5	6	4	1					
1949								29	36	48	4	41	27	24	24	17	2	3	11	18	13	5	5	17	7	8	3	1	7	5	3	2	1	4		
1950					6	54	36	52	36	6	9	23	32	17	11	5	3	6	6	4	11	7	6	19	9	7										
1951				9	32	31	4	43	20	48	24	17	17	11	4	9	22	12	7	6	8	6	17	4	6	5	3									
1952					101	3	35	3	57	7	7	2	6	9	21	8	8	4	2	2	7	9	9	15	10	11	5	6	1	8	7	3				
1953							1	75	67	37	11	17	28	18	9	4	13	8	13	6	6	3	6	4	4	5	8	15	7							
1961					5	54	8	40	40	2	29	13	22	10	8	3	12	6	12	16	17	18	13	4	8	4	3	4	12	2						
1962				3	19	17	22	25	15	19	10	2	2	13	25	33	11	21	20	11	11	10	10	16	5	3	12	3	3	7	4	11			2	
1963							5	26	58	18	43	19	16	19	5	6	14	16	4	17	22	16	17	15	13	4	12									
1964				3	9	54	32	19	16	16	5	18	33	12	10	2	9	14	17	5	7	14	9	7	10	12	9	16	7							
1965					6	25	45	14	32	14	17	35	6	6	19	13	12	16	17	9	7	15	3	2	2	7	4	8	11	13	3	4				
1966					1	4	7	9	20	32	32	8	10	29	28	18	33	13	7	10	10	14	12	14	8	8	7	10	6	13	1	1				
1967		2		3	14	8	21	31	49	38	27	20	5	4	11	12	8	18	5	4	7	11	11	9	8	9	11	9	5	5						
1968						12	75	52	22	15	23	15	4	7	14	8	12	5	3	7	9	4	4	8	9	12	15	7	3	4	3	6	6	2		
1969						19	40	17	41	35	20	9	8	22	7	7	12	17	11	6	7	8	11	4	7	11	18	13	6	7						
1970						29	13	46	32	32	9	4	14	7	10	25	2	4	6	5	4	10	26	14	15	15	8	3	12	6	4	6	4			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5844	100.0	12	11.0	191	3133	53.6	24	53	128	851	14.5
1	2.50	2	5844	100.0	13	12.0	301	2942	50.3	25	60	149	723	12.3
2	3.00	0	5842	100.0	14	14.0	235	2641	45.2	26	68	161	574	9.8
3	3.40	15	5842	100.0	15	16.0	211	2406	41.2	27	78	105	413	7.0
4	3.80	69	5827	99.7	16	18.0	238	2195	37.6	28	89	76	308	5.2
5	4.40	106	5758	98.5	17	21.0	188	1957	33.5	29	100	101	232	3.9
6	5.00	474	5652	96.7	18	24.0	128	1769	30.3	30	120	37	131	2.2
7	5.70	369	5178	88.6	19	27.0	154	1641	28.1	31	130	50	94	1.6
8	6.50	573	4809	82.3	20	31.0	158	1487	25.4	32	150	24	44	.7
9	7.40	477	4236	72.5	21	35.0	143	1329	22.7	33	170	16	20	.3
10	8.40	449	3759	64.3	22	40.0	165	1186	20.3	34	190	4	4	
11	9.60	177	3310	56.6	23	46.0	170	1021	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	EAST FORK DALLAS CREEK NEAR RIDGWAY, CO.																	
YEAR	1		3		7		15		30		60		90		120		183	
	VALUE	RANK	VALUE	RANK	VALUE	RANK	VALUE	RANK	VALUE	RANK	VALUE	RANK	VALUE	RANK	VALUE	RANK	VALUE	RANK
1948	132.0	10	129.0	8	123.0	7	107.0	8	92.0	9	81.0	7	69.0	8	60.0	7	45.0	7
1949	222.0	1	194.0	1	187.0	1	157.0	1	125.0	4	92.0	6	74.0	5	62.0	5	46.0	5
1950	84.0	14	83.0	14	81.0	14	73.0	14	69.0	14	60.0	14	49.0	14	40.0	15	30.0	15
1951	70.0	16	67.0	16	66.0	16	61.0	16	51.0	16	42.0	16	35.0	16	30.0	16	22.0	16
1952	180.0	5	171.0	4	169.0	2	156.0	2	131.0	2	101.0	3	87.0	3	71.0	3	51.0	3
1953	118.0	12	108.0	12	103.0	12	99.0	11	91.0	11	72.0	11	57.0	13	47.0	13	34.0	13
1961	120.0	11	117.0	11	113.0	10	110.0	7	92.0	10	69.0	12	59.0	11	51.0	11	38.0	11
1962	189.0	2	169.0	6	151.0	6	141.0	6	120.0	5	92.0	4	74.0	6	62.0	6	47.0	4
1963	76.0	15	71.0	15	69.0	15	64.0	15	61.0	15	52.0	15	47.0	15	43.0	14	33.0	14
1964	136.0	9	121.0	10	103.0	11	101.0	10	94.0	8	78.0	9	69.0	7	59.0	8	43.0	8
1965	188.0	3	172.0	2	159.0	5	151.0	3	134.0	1	112.0	1	89.0	1	74.0	2	55.0	2
1966	140.0	8	126.0	9	114.0	8	105.0	9	96.0	7	80.0	8	67.0	10	58.0	9	43.0	9
1967	106.0	13	105.0	13	101.0	13	93.0	13	78.0	13	66.0	13	58.0	12	49.0	12	35.0	12
1968	175.0	6	171.0	5	162.0	4	147.0	4	117.0	6	92.0	5	78.0	4	65.0	4	45.0	6
1969	142.0	7	133.0	7	113.0	9	94.0	12	88.0	12	76.0	10	68.0	9	57.0	10	42.0	10
1970	182.0	4	172.0	3	163.0	3	147.0	5	130.0	3	102.0	2	87.0	2	79.0	1	58.0	1

09146500 EAST FORK DALLAS RIVER NEAR RIDGWAY, 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
EAST FORK DALLAS CREEK NEAR RIDGWAY, CO.

YEAR	1	3	7	14	30	60	90	120	183
1949	6.50 14	7.00 14	7.00 14	7.00 14	7.00 13	7.40 14	7.80 14	8.60 14	10.00 13
1950	5.40 11	5.50 12	5.70 13	5.70 11	5.80 8	5.90 8	6.30 8	6.70 8	8.60 7
1951	3.70 3	3.70 3	3.70 2	3.80 1	3.80 1	4.20 1	4.80 1	5.60 1	5.90 2
1952	4.00 5	4.00 4	4.10 4	4.20 4	5.00 6	5.20 5	5.30 2	5.70 3	5.80 1
1953	5.50 12	5.50 13	5.50 12	5.70 12	7.00 14	7.10 13	7.10 11	7.30 10	8.80 8
1962	3.60 2	3.60 2	3.80 3	4.00 3	4.20 2	5.00 2	5.40 3	6.30 6	9.80 11
1963	3.80 4	4.20 5	4.60 5	4.90 7	6.30 10	6.60 10	6.50 9	7.00 9	8.80 9
1964	4.20 6	4.30 6	4.70 6	4.80 5	5.00 7	5.20 6	5.60 5	6.00 4	8.20 6
1965	4.40 9	4.80 10	5.00 10	5.40 9	6.30 11	6.50 9	7.10 12	7.70 12	9.60 10
1966	4.20 7	4.50 7	4.70 7	5.40 10	6.10 9	6.80 12	7.20 13	7.90 13	11.00 14
1967	2.60 1	3.00 1	3.50 1	3.80 2	4.20 3	5.00 3	5.70 6	6.40 7	7.30 4
1968	4.40 8	4.70 8	4.90 9	4.90 8	5.00 4	5.30 7	5.40 4	5.60 2	7.00 3
1969	4.50 10	4.70 9	4.70 8	4.80 6	5.00 5	5.10 4	5.70 7	6.00 5	7.40 5
1970	5.50 13	5.50 11	5.50 11	5.90 13	6.40 12	6.70 11	6.80 10	7.40 11	10.00 12

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
14.0	10.7	8.27	6.75	5.98	5.77	8.54	25.2	82.7	71.2	39.7	22.7
11.1	5.91	1.53	0.93	0.60	1.39	4.78	97.2	460	540	114	72.6
3.33	2.43	1.24	0.96	0.78	1.18	2.19	9.86	21.4	23.2	10.7	8.52
0.47	0.58	0.47	0.46	0.01	0.18	0.29	-0.12	0.08	1.02	0.06	2.13
0.24	0.23	0.15	0.14	0.13	0.20	0.26	0.39	0.26	0.33	0.27	0.38
4.63	3.55	2.74	2.24	1.98	1.91	2.83	8.35	27.4	23.6	13.2	7.53

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.13	1.02	0.91	0.83	0.77	0.75	0.92	1.36	1.90	1.83	1.58	1.33
0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.04	0.01	0.02	0.02	0.02
0.10	0.10	0.06	0.06	0.06	0.09	0.11	0.20	0.12	0.14	0.12	0.14
0.12	0.31	0.04	0.18	-0.23	-0.15	-0.10	-0.65	-0.48	0.12	-0.56	0.78
0.09	0.09	0.07	0.07	0.07	0.12	0.12	0.14	0.06	0.07	0.08	0.11
7.90	7.11	6.36	5.75	5.39	5.25	6.40	9.50	13.3	12.8	11.0	9.29

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
25.2	24.5	4.95	-0.31	0.20	-0.031

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.39	0.01	0.09	-0.93	0.07	-0.002

09146550 BEAVER CREEK NEAR RIDGWAY, COLO.

LOCATION.--Lat 38°06'59", long 107°49'03", in SW¼SW¼ sec.25, T.45 N., R.9 W., Ouray County, on left bank 10 ft (3 m) downstream from private bridge, 300 ft (91 m) upstream from mouth, and 4.0 mi (6.4 km) southwest of Ridgway.

DRAINAGE AREA.--12.0 mi² (31.1 km²).

REMARKS.--Two small diversions above station for irrigation of 130 acres (526,000 m²) of hay meadows. Water imported above station from East Fork Dallas Creek for irrigation of about 50 acres (202,000 m²) of hay meadows above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BEAVER CREEK NEAR RIDGWAY, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	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								2	1	5	2	9	26	18	67	36	49	43	38	28	16	16	8	1												
1962										2	5	9	44	39	55	20	39	33	8	20	29	10	26	19	7											
1963					1	1	3			2	9	14	23	48	104	72	29	44	13	2																
1964			1			1	2			2	4	5	24	64	78	13	20	14	10	7	20	30	21	21	4	16	2	4					1	1		
1965										2	2	17	25	114	21	18	4	3	5	13	20	16	12	5	19	11	25	15	10	1	2	4	1			
1966						1	6	5		1	4	2	3	2	12	7	41	56	90	40	19	22	15	10	9	16	2		1	1						
1967		1	1	1									10	22	30	81	89	82	26	20	2															
1968			1		1		4	8		20	52	54	70	26	23	24	11	12	6	9	9	7	9	6	5	4	1	3	1							

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

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2922	100.0	12	1.8	220	2679	91.7	24	8	30	171	5.8
1	0.30	1	2922	100.0	13	2.1	227	2459	84.2	25	10	55	141	4.8
2	0.40	3	2921	100.0	14	2.4	478	2232	76.4	26	12	16	86	2.9
3	0.50	1	2918	99.9	15	2.7	314	1754	60.0	27	13	32	70	2.3
4	0.60	2	2917	99.8	16	3.1	332	1440	49.3	28	15	16	38	1.3
5	0.70	2	2915	99.8	17	3.5	217	1108	37.9	29	17	12	22	.7
6	0.80	12	2913	99.7	18	4.0	219	891	30.5	30	20	1	10	.3
7	1.00	20	2901	99.3	19	4.6	124	672	23.0	31	22	2	9	.3
8	1.10	1	2881	98.6	20	5.3	108	548	18.8	32	25	5	7	.2
9	1.20	32	2880	98.6	21	6.0	105	440	15.1	33	29	2	2	
10	1.40	78	2848	97.5	22	6.8	95	335	11.5	34				
11	1.60	91	2770	94.8	23	7.8	69	240	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
 BEAVER CREEK NEAR RIDGWAY, CO.

YEAR	1	3	7	15	30	60	90	120	183
1961	8.3 6	7.4 6	7.1 6	6.6 6	5.8 6	5.1 6	4.8 6	4.6 6	4.3 5
1962	9.4 5	9.2 5	9.0 5	8.5 5	7.9 5	7.3 4	7.0 4	6.5 4	5.2 4
1963	5.6 7	5.2 7	4.9 7	4.7 7	4.4 7	3.8 7	3.5 7	3.3 7	3.3 7
1964	30.0 1	19.0 2	15.0 2	13.0 2	9.6 2	8.7 2	8.7 2	7.8 2	6.5 2
1965	29.0 2	26.0 1	24.0 1	20.0 1	18.0 1	16.0 1	14.0 1	13.0 1	10.0 1
1966	17.0 3	15.0 3	12.0 3	9.1 4	9.0 3	8.6 3	7.8 3	7.1 3	6.1 3
1967	4.7 8	4.6 8	4.2 8	4.0 8	3.9 8	3.6 8	3.4 8	3.2 8	3.2 8
1968	17.0 4	14.0 4	12.0 4	9.6 3	8.4 4	6.0 5	5.9 5	5.1 5	4.1 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
 BEAVER CREEK NEAR RIDGWAY, CO.

YEAR	1	3	7	14	30	60	90	120	183
1962	1.60 6	1.70 6	1.80 5	1.80 5	1.80 3	2.00 2	2.10 2	2.30 3	2.60 5
1963	1.30 4	1.40 4	1.50 4	1.60 4	1.80 4	2.50 6	2.70 6	2.70 6	2.70 6
1964	0.40 2	0.67 2	1.00 2	1.30 3	1.80 5	2.20 4	2.20 3	2.20 2	2.20 2
1965	1.40 5	1.60 5	1.90 6	1.90 6	2.10 6	2.30 5	2.30 4	2.40 4	2.50 3
1966	2.60 7	2.70 7	2.90 7	3.10 7	3.30 7	3.50 7	3.70 7	3.90 7	4.00 7
1967	0.70 3	0.83 3	0.89 1	0.98 1	1.60 2	2.10 3	2.40 5	2.50 5	2.50 4
1968	0.38 1	0.45 1	1.19 3	1.30 2	1.30 1	1.40 1	1.50 1	1.50 1	1.70 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)											
2.88	2.77	2.50	2.52	2.53	2.92	3.89	5.25	7.44	6.63	5.02	2.96
0.63	0.59	0.76	0.42	0.24	0.56	0.99	8.74	16.0	15.4	5.36	2.27
0.79	0.77	0.87	0.65	0.49	0.75	1.00	2.96	4.00	3.92	2.31	1.51
-0.40	0.21	1.47	0.86	0.27	0.92	-0.73	1.39	1.10	1.48	1.12	1.28
0.28	0.28	0.35	0.26	0.19	0.26	0.26	0.56	0.54	0.59	0.46	0.51
6.08	5.85	5.29	5.33	5.36	6.16	8.23	11.1	15.7	14.0	10.6	6.25

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)											
0.44	0.43	0.38	0.39	0.40	0.45	0.58	0.67	0.82	0.76	0.66	0.43
0.02	0.02	0.02	0.01	0.01	0.01	0.02	0.05	0.06	0.05	0.03	0.04
0.13	0.13	0.14	0.11	0.09	0.11	0.13	0.23	0.24	0.23	0.19	0.20
-0.93	-0.62	0.32	0.16	-0.34	0.65	-1.16	0.47	-0.30	0.66	0.60	0.78
0.30	0.30	0.38	0.28	0.22	0.23	0.22	0.34	0.30	0.30	0.28	0.47
6.92	6.66	5.90	6.09	6.20	7.08	9.00	10.4	12.7	11.9	10.4	6.68

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
3.95	1.41	1.19	1.18	0.30	0.327

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.58	0.01	0.12	0.72	0.21	0.337

09146600 PLEASANT VALLEY CREEK NEAR NOEL, COLO.

LOCATION.--Lat 38°08'44", long 107°55'09", in SE¼SW¼ sec.13, T.45 W., R.10 W., Ouray County, on right bank 300 ft (91 m) downstream from Beach Canyon, 3.2 mi (5.1 km) north of Noel, and 7 mi (11.3 km) upstream from mouth.

DRAINAGE AREA.--7.98 mi² (20.66 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
PLEASANT VALLEY CREEK NEAR NOEL, 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																																				
1956					290	5	5	5	2	4	7	3	1	7	3	4	3	5	3	5	10		2	2													
1957					200	23	21	16	3	6	8	5	5	1	8	7	4	3	2	5	9	15	7	3	5	4	3	2									
1958	6				52	32	22	74	5	45	14	43	7	10	5	7	2	4	5	3	1	2	2	2	1	7	7	2									
1959	22				231	30	12	11	2	5	7	4	4	1	2	4	2	8	2	10	4																
1960	22				253	3	4	11	4	3	3	2	4	4	2	4	3	5	6	2	5	5	4	1	3	5	2	2	2	2							
1961					276	17	8	12	3	6	3	5	3	3	3	1	1	2	3	1	4	2	3	1	2		2	3	1								
1962					284	5	3	9	6	3	6	4	3	4	2	1	2	8	6	4	5	2		1	1	1	2	1	2								
1963					295	9	6	9	2	5	12	1	1	1	2	4		2	3	1	2	3			2		4	1									
1964	4				256	20	7	9	6	10	2	1	4	7	3	2	4	2		4	3	6	6	2		1	2	3	2								
1965					243	23	13	14	3	6	9	4	7	1	6	2	3	2	7	3	2	2	1	1	1	3	2	2	3	2							
1966					265	8	9	12	4	7	5	5	6	5	12	2	6	5	4	3	1	1			2	3											
1967	1				60135106	23	9	8	5	7	2	1																									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	54	4383	100.0	12	1.2	78	645	14.7	24	21	15	115	2.6
1	0.03	1	4329	98.8	13	1.5	45	567	12.9	25	27	22	100	2.2
2	0.05	0	4328	98.7	14	1.9	40	522	11.9	26	34	18	78	1.7
3	0.06	60	4328	98.7	15	2.4	53	482	11.0	27	44	22	60	1.3
4	0.08	135	4268	97.4	16	3.1	37	429	9.8	28	56	15	38	.8
5	0.10	2751	4133	94.3	17	3.9	34	392	8.9	29	71	11	23	.5
6	0.20	198	1382	31.5	18	5.0	38	358	8.2	30	90	11	12	.2
7	0.30	119	1184	27.0	19	6.3	50	320	7.3	31	120	1	1	
8	0.40	190	1065	24.3	20	8.1	32	270	6.2	32				
9	0.60	45	875	20.0	21	10.0	47	238	5.4	33				
10	0.70	107	830	18.9	22	13.0	52	191	4.4	34				
11	0.90	78	723	16.5	23	17.0	24	139	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
PLEASANT VALLEY CREEK NEAR NOEL, CO.

YEAR	1	3	7	15	30	60	90	120	183
1956	30.0 10	27.0 10	21.0 10	18.0 9	12.0 9	7.4 9	5.0 9	3.8 9	2.5 9
1957	57.0 8	52.0 8	38.0 8	27.0 8	26.0 5	18.0 4	12.0 4	9.7 3	7.0 2
1958	115.0 2	111.0 1	91.0 1	65.0 1	47.0 1	26.0 1	18.0 1	13.0 1	9.0 1
1959	16.0 12	14.0 11	12.0 11	11.0 11	9.1 11	5.3 11	3.5 11	2.7 11	1.8 11
1960	106.0 3	96.0 3	75.0 3	56.0 3	36.0 2	20.0 2	14.0 2	10.0 2	6.8 3
1961	74.0 6	63.0 6	44.0 7	36.0 5	21.0 6	11.0 6	7.3 7	5.5 7	3.7 7
1962	80.0 5	73.0 5	56.0 5	33.0 6	20.0 7	11.0 7	7.5 6	5.7 6	3.8 6
1963	60.0 7	56.0 7	46.0 6	27.0 7	15.0 8	7.8 8	5.3 8	4.0 8	2.7 8
1964	104.0 4	80.0 4	59.0 4	47.0 4	30.0 4	16.0 5	11.0 5	8.2 5	5.4 5
1965	120.0 1	107.0 2	76.0 2	62.0 2	35.0 3	19.0 3	13.0 3	9.6 4	6.3 4
1966	32.0 9	30.0 9	23.0 9	14.0 10	9.3 10	5.6 10	3.9 10	2.9 10	2.0 10
1967	20.0 11	12.0 12	7.2 12	3.9 12	2.2 12	1.3 12	0.9 12	0.7 12	0.5 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
PLEASANT VALLEY CREEK NEAR NOEL, CO.

YEAR	1	3	7	14	30	60	90	120	183
1957	0.10 5	0.10 5	0.10 5	0.10 7	0.10 6	0.10 6	0.10 3	0.10 3	0.10 3
1958	0.10 6	0.10 6	0.10 6	0.10 8	0.11 11	0.41 11	0.54 11	0.65 11	0.61 11
1959	0.00 1	0.00 1	0.01 2	0.07 3	0.10 7	0.10 7	0.10 4	0.10 4	0.12 10
1960	0.00 2	0.00 2	0.00 1	0.00 1	0.03 1	0.03 1	0.05 1	0.06 1	0.08 1
1961	0.10 7	0.10 7	0.10 7	0.10 9	0.10 8	0.10 8	0.10 5	0.10 5	0.10 4
1962	0.10 8	0.10 8	0.10 8	0.10 10	0.10 9	0.10 9	0.10 6	0.10 6	0.10 5
1963	0.10 9	0.10 9	0.10 9	0.10 11	0.10 10	0.10 10	0.10 7	0.10 7	0.10 6
1964	0.00 3	0.00 3	0.04 3	0.07 4	0.09 3	0.09 3	0.10 8	0.10 8	0.11 9
1965	0.10 10	0.10 10	0.10 10	0.10 5	0.10 4	0.10 4	0.10 9	0.10 9	0.10 7
1966	0.10 11	0.10 11	0.10 11	0.10 6	0.10 5	0.10 5	0.10 10	0.10 10	0.11 8
1967	0.04 4	0.05 4	0.06 4	0.06 2	0.07 2	0.07 2	0.08 2	0.08 2	0.09 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,SKWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)	0.15	0.17	0.16	0.12	0.14	2.10	16.5	6.05	0.42	0.30	0.46	0.13
	0.03	0.06	0.04	0.01	0.01	9.89	119	46.1	0.29	0.24	1.09	0.01
	0.18	0.25	0.20	0.09	0.10	3.15	10.9	6.79	0.54	0.49	1.04	0.09
	3.30	3.45	3.46	3.41	2.46	2.14	0.36	1.00	2.41	3.25	3.45	2.36
	1.16	1.47	1.28	0.71	0.69	1.49	0.66	1.12	1.29	1.62	2.29	0.63
	0.58	0.65	0.59	0.46	0.51	7.89	61.7	22.7	1.58	1.13	1.71	0.50

GUNNISON RIVER BASIN

09146600 PLEASANT VALLEY CREEK NEAR NOEL, 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	-0.92	-0.93	-0.96	-0.92	-0.15	1.05	0.40	-0.60	-0.74	-0.72	-0.94
0.08	0.09	0.07	0.03	0.04	0.50	0.28	0.50	0.18	0.14	0.19	0.07
0.29	0.29	0.26	0.18	0.21	0.71	0.52	0.70	0.42	0.37	0.43	0.26
1.72	3.22	3.43	3.14	2.16	0.31	-1.99	-0.49	1.04	2.14	2.75	-0.69
-0.31	-0.32	-0.28	-0.19	-0.22	-4.62	0.50	1.75	-0.70	-0.50	-0.60	-0.28
14.7	14.5	14.5	15.1	14.5	2.41	-16.4	-6.32	9.44	11.7	11.3	14.7

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.22	1.75	1.32	0.45	0.60	-0.096

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.25	0.11	0.34	-1.10	1.33	0.051

09147000 DALLAS CREEK NEAR RIDGWAY, COLO.

LOCATION.--Lat 38°10'40", long 107°45'28", on line between secs.4 and 5, T.45 N., R.8 W., Ouray County, on right bank 20 ft (6 m) downstream from highway bridge, 1.8 mi (2.9 km) upstream from mouth, and 1.8 mi (2.9 km) north of Ridgway.

DRAINAGE AREA.--96.2 mi² (249.2 km²).

REMARKS.--Diversions above station for irrigation of about 4,500 acres (18.2 km²) above and 700 acres (2.83 km²) below station. One small ditch diverts water from Leopard Creek (Dolores River basin) to drainage above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
DALLAS CREEK NEAR RIDGWAY, 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																																					
1923			1					1		2	1	13	3	8	5	16	19	111	33	17	23	22	31	13	11	15	6	6		2		1					
1924															1	4	9	2	17	64	138	18	17	14	19	13	23	8	4	3	5	2	2	2	1		
1925															1	4	73	77	37	32	17	20	19	19	15	19	13	11	6	2							
1926																12	11	33	89	73	34	16	13	25	26	22	5	5	1								
1927															3	1	5	9	132	51	12	10	23	31	35	19	11	2	3	1	1	1	2				
1956			12	4	5	3	28	13	11	9	13	5	4	2	14	65	53	48	17	27	13	13	6	1													
1957				7	6	7	6	4	3			1			2	67	79	21	11	9	18	17	11	19	18	10	10	24	10	5							
1958									7	3	1			1	2	59	62	68	51	20	17	8	18	9	13	11	6	7	2								
1959		1	1	2	4	3	3	1	3	9	6	4	8	32	87	87	38	14	25	25	6	1	3	1													
1960							2	4	6	2	4	10	11	14	50	86	53	37	19	12	12	9	13	8	3	7	2	1	1								
1961						3	2	1	3		10	1	4	2	5	69	58	55	22	33	28	31	14	13	5	5	1										
1962				4	11	1	3	2	2	2	1		2	2	17	52	71	53	35	27	30	12	20	9	1	7	1										
1963			3	16	20	2	4	7	7	3	3	3	4	7	21	39	68	59	21	36	18	10	3	2	4	3	1			1							
1964									14	5			3	3	5	35	63	42	31	21	42	33	16	17	13	11	9	3	3								
1965								4	2			3	2	6	10	5	34	105	26	23	17	14	22	20	12	12	14	20	14								
1966					6	3	5	1	1	9	2	1	2	8	18	8	44	65	48	48	53	18	14	6	4	1											
1967		1	5	14	4	14	3	4	3	3		8	8	4	6	15	24	96	91	27	15	6	7	4	3												
1968								4	8	2	4	7	2	7	53	83	67	42	16	10	15	11	10	9	5	8	2	1									
1969			1	2	4	2	1	1	1		10	10	6	6	8	52	88	46	25	26	22	23	7	16	3	2	1	1	1								
1970														3	14	67	53	29	33	23	37	31	33	19	7	5	7	4									
1971									6	7	2	9	6	2	5	6	31	70	33	53	53	45	17	12	6			2									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	7670	100.0	12	5.4	68	7181	93.6	24	72	290	942	12.2
1	0.50	1	7670	100.0	13	6.7	67	7113	92.7	25	90	203	652	8.5
2	0.60	6	7669	100.0	14	8.3	82	7046	91.9	26	110	183	449	5.8
3	0.80	30	7663	99.9	15	10.0	301	6964	90.8	27	140	96	266	3.4
4	1.00	32	7633	99.5	16	13.0	764	6663	86.9	28	170	91	170	2.2
5	1.20	69	7601	99.1	17	16.0	1107	5899	76.9	29	210	51	79	1.0
6	1.50	29	7532	98.2	18	20.0	1123	4792	62.5	30	260	17	28	.3
7	1.80	58	7503	97.8	19	25.0	787	3669	47.8	31	330	3	11	.1
8	2.30	59	7445	97.1	20	30.0	781	2882	37.6	32	410	5	8	.1
9	2.80	68	7386	96.3	21	36.0	490	2101	27.4	33	510	2	3	
10	3.50	53	7318	95.4	22	47.0	371	1611	21.0	34	630	1	1	
11	4.30	84	7265	94.7	23	58.0	298	1240	16.2					

09147000 DALLAS CREEK NEAR RIDGWAY, 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
DALLAS CREEK NEAR RIDGWAY, CO.

YEAR	1	3	7	15	30	60	90	120	183
1923	481.0 2	275.0 3	212.0 6	150.0 7	121.0 8	115.0 7	99.0 8	82.0 8	68.0 9
1924	740.0 1	612.0 1	400.0 1	342.0 1	251.0 1	169.0 2	151.0 1	128.0 1	95.0 2
1925	302.0 4	248.0 6	210.0 7	186.0 4	162.0 4	136.0 4	118.0 3	101.0 5	83.0 5
1926	228.0 10	195.0 9	161.0 9	139.0 8	126.0 7	106.0 8	106.0 7	94.0 6	71.0 7
1927	478.0 3	421.0 2	258.0 2	179.0 6	138.0 6	116.0 6	117.0 4	107.0 4	85.0 4
1956	72.0 21	67.0 21	55.0 21	51.0 21	41.0 20	32.0 21	29.0 19	29.0 18	25.0 18
1957	286.0 5	260.0 4	241.0 3	220.0 2	199.0 2	178.0 1	145.0 2	119.0 2	96.0 1
1958	267.0 6	251.0 5	227.0 4	184.0 5	154.0 5	134.0 5	110.0 6	91.0 7	71.0 8
1959	131.0 18	106.0 18	89.0 18	64.0 18	49.0 18	33.0 19	29.0 20	25.0 21	25.0 19
1960	217.0 12	194.0 10	146.0 10	110.0 12	75.0 13	49.0 15	43.0 16	39.0 16	35.0 16
1961	140.0 17	125.0 16	103.0 15	96.0 14	65.0 15	53.0 14	45.0 14	44.0 13	42.0 11
1962	155.0 16	138.0 15	126.0 14	94.0 15	67.0 14	54.0 13	43.0 15	43.0 14	37.0 13
1963	250.0 8	140.0 14	99.0 16	66.0 17	44.0 19	38.0 18	32.0 18	26.0 19	24.0 20
1964	180.0 14	150.0 13	128.0 12	114.0 11	97.0 10	66.0 10	56.0 10	58.0 10	51.0 10
1965	253.0 7	235.0 7	215.0 5	207.0 3	192.0 3	149.0 3	116.0 5	116.0 3	93.0 3
1966	111.0 19	103.0 19	83.0 19	62.0 19	50.0 17	45.0 17	37.0 17	32.0 17	33.0 17
1967	84.0 20	79.0 20	72.0 20	53.0 20	39.0 21	32.0 20	26.0 21	25.0 20	20.0 21
1968	187.0 13	154.0 12	126.0 13	121.0 10	94.0 11	61.0 11	56.0 11	46.0 11	37.0 14
1969	224.0 11	181.0 11	142.0 11	105.0 13	75.0 12	56.0 12	48.0 13	42.0 15	37.0 15
1970	241.0 9	216.0 8	169.0 8	139.0 9	113.0 9	89.0 9	87.0 9	80.0 9	73.0 6
1971	155.0 15	115.0 17	90.0 17	75.0 16	63.0 16	46.0 16	50.0 12	44.0 12	39.0 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
DALLAS CREEK NEAR RIDGWAY, CO.

YEAR	1	3	7	14	30	60	90	120	183
1923	5.00 13	5.00 13	5.10 13	5.20 10	7.30 9	12.00 6	16.00 10	18.00 10	19.00 9
1924	1.00 6	2.30 10	3.30 10	8.90 14	23.00 19	29.00 20	31.00 20	31.00 20	31.00 20
1925	9.00 16	11.00 17	16.00 18	17.00 18	17.00 15	18.00 13	19.00 13	20.00 13	21.00 13
1926	12.00 18	15.00 19	18.00 19	20.00 20	25.00 20	25.00 19	25.00 18	27.00 19	30.00 19
1927	13.00 19	14.00 18	14.00 17	16.00 17	19.00 16	24.00 18	26.00 19	26.00 18	26.00 16
1957	0.80 3	0.80 2	0.84 1	1.00 2	2.00 3	2.30 2	2.90 1	6.00 1	9.10 1
1958	4.00 12	4.10 12	4.20 12	6.70 11	16.00 14	19.00 14	21.00 15	23.00 16	23.00 14
1959	9.00 17	9.70 16	10.00 16	11.00 16	12.00 12	13.00 9	14.00 6	14.00 6	16.00 7
1960	0.90 4	1.00 4	1.70 7	2.00 7	5.60 6	12.00 7	12.00 4	13.00 4	15.00 5
1961	1.70 10	2.00 9	2.60 9	3.30 8	7.20 8	9.60 4	13.00 5	14.00 5	14.00 2
1962	1.50 9	1.70 8	2.00 8	3.80 9	9.90 11	15.00 11	16.00 7	16.00 7	19.00 10
1963	1.00 7	1.10 5	1.19 4	1.30 4	2.90 4	15.00 12	17.00 11	19.00 11	21.00 11
1964	0.90 5	0.97 3	1.00 3	1.00 3	1.40 2	1.80 1	5.00 2	12.00 3	14.00 3
1965	7.40 15	8.00 15	8.50 15	9.40 15	14.00 13	19.00 15	20.00 14	20.00 14	21.00 12
1966	2.80 11	3.10 11	3.60 11	7.60 13	19.00 17	19.00 16	22.00 16	25.00 17	29.00 17
1967	1.40 8	1.40 7	1.60 6	1.70 5	5.90 7	12.00 8	16.00 8	17.00 8	17.00 8
1968	0.50 1	0.67 1	0.85 2	0.98 1	1.19 1	3.00 3	7.90 3	11.00 2	14.00 4
1969	5.10 14	5.50 14	5.80 14	7.00 12	9.60 10	14.00 10	16.00 9	17.00 9	16.00 6
1970	0.65 2	1.10 6	1.30 5	1.90 6	4.60 5	11.00 5	18.00 12	19.00 12	24.00 15
1971	16.00 20	17.00 20	18.00 20	19.00 19	20.00 18	21.00 17	22.00 17	23.00 15	30.00 18

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)											
21.2	24.2	20.9	18.5	19.1	24.3	58.8	39.2	55.6	69.0	57.5	37.4
148	39.9	37.0	26.3	27.2	55.6	1337	1629	1213	2921	1083	809
12.1	6.31	6.08	5.13	5.22	7.46	36.6	40.4	34.8	54.0	32.9	28.4
0.21	0.75	0.74	0.84	0.79	0.55	1.69	1.37	0.60	1.26	0.79	1.29
0.57	0.26	0.29	0.28	0.27	0.31	0.62	1.03	0.63	0.78	0.57	0.76
4.76	5.44	4.70	4.15	4.29	5.45	13.2	8.78	12.5	15.5	12.9	8.39

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)											
1.22	1.37	1.30	1.25	1.27	1.37	1.69	1.32	1.65	1.72	1.68	1.44
0.13	0.01	0.01	0.01	0.01	0.02	0.09	0.30	0.10	0.11	0.09	0.15
0.36	0.11	0.12	0.12	0.12	0.13	0.30	0.55	0.32	0.33	0.29	0.39
-1.27	0.19	0.42	0.21	0.21	0.19	-0.96	-0.35	-0.65	0.28	-1.12	-0.80
0.29	0.08	0.09	0.09	0.09	0.10	0.18	0.41	0.19	0.19	0.17	0.27
7.07	7.93	7.55	7.24	7.33	7.91	9.75	7.67	9.54	9.96	9.73	8.31

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
37.2	215	14.7	0.27	0.39	0.226

GUNNISON RIVER BASIN

09147000 DALLAS CREEK NEAR RIDGWAY, COLO.--Continued

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN 1.54	VARIANCE 0.03	STANDARD DEVIATION 0.18	SKEWNESS -0.11	COEFF. OF VARIATION 0.12	SERIAL CORR 0.182
--------------	------------------	----------------------------	-------------------	-----------------------------	----------------------

09147100 COW CREEK NEAR RIDGWAY, COLO.

LOCATION.--38°08'58", long 107°38'39", in NW¼SW¼ sec.16, T.45 N., R.7 W., Ouray County, on right bank 50 ft (15 m) downstream from Sneva ditch siphon, 500 ft (150 m) upstream from Flume Creek, and 6.2 mi (10.0 km) east of Ridgway.

DRAINAGE AREA.--45.4 mi² (117.6 km²).

REMARKS.--Sneva ditch diverts water above station for irrigation below. Records show combined flow of creek and Sneva ditch.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
COW CREEK NEAR RIDGWAY, CO.

CLASS YEAR	NUMBER OF DAYS IN CLASS																																		
	0	1	2	3	4	5	6	7	8	9	10	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	4	29	92	63	11	6	11	13	9	21	11	11	14	6	5	7	3	6	8	6	3	4	10	5	5	2					
1957	1		1	33	34	56	38	22	3	3	2	5	8	11	7	5	6	13	16	11	6	7	8	5	5	14	10	7	11	8	3	2	2	2	
1958						31	90	22	2	34	24	19	10	8	13	14	12	7	3	4	4	5	6	5	7	3	6	26	7	3					
1959						91	33	27	21	30	17	14	9	9	19	11	9	10	3	8	6	2	9	5	10	6	3	12	1						
1960					1	63	35	15	11	18	25	34	14	14	8	7	12	8	16	8	6	9	8	4	5	9	11	4	9	8	4				
1961					12	36	50	23	34	20	12	5	3	12	17	26	14	16	10	11	7	6	7	6	1	7	11	6	13						
1962						1	104			4	38	33	18	12	24	14	4	6	4	6	13	15	14	12	10	11	15	7							
1963					3	36	6	81	14	14	23	14	22	17	25	19	19	9	7	13	5	9	10	12	7										
1964					76	8	40	8	34	18	11	20	8	19	15	19	14	5	2	3	9	5	7	8	11	13	13								
1965						4	154	14	6	13	5	1			3	13	21	11	16	10	9	13	15	9	6	12	4	12	4	6	4				
1966						10	64	19	26	36	29	14	15	29	34	12	8	6	4	8	4	6	10	8	7	12	4								
1967			1	3	53	37	44	17	20	17	24	33	17	11	9	9	11	7	4	10	5	6	8	6	3	4	3	2	1						
1968					4	53	81	24	16	12	22	9	13	12	6	1	9	17	13	16	4	5	8	5	6	6	2	11	6	5					
1969			2	7	13	29	25	34	15	14	18	13	8	7	21	30	17	10	11	4	11	13	9	12	12	7	7	9	7						
1970					16	29	52	31	10	18	13	15	20	25	25	18	11	8	7	3	8	7	3	8	7	6	7	16	10	3					
1971						36	38	23	15	14	19	29	40	23	17	11	14	8	14	8	10	8	10	8	10	11	4	4	2	7					
1972				1	14	17	35	20	28	30	47	33	18	21	12	16	13	10	7	3	5	8	8	3	8	8	1								
1973	6	1	31	37	22	31	24	15	21	13	13	14	14	7	9	12	6	1	8	5	3	12	7	14	4	4	13	7	8	4	2				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	6575	100.0	12	16.0	297	3324	50.6	24	160	131	819	12.4
1	2.00	1	6575	100.0	13	19.0	256	3027	46.0	25	190	135	688	10.4
2	2.40	8	6574	100.0	14	23.0	258	2771	42.1	26	230	139	553	8.4
3	2.90	9	6566	99.9	15	28.0	310	2513	38.2	27	280	115	414	6.2
4	3.50	93	6557	99.7	16	34.0	266	2203	33.5	28	330	133	299	4.5
5	4.30	223	6464	98.3	17	41.0	229	1937	29.5	29	400	87	166	2.5
6	5.20	494	6241	94.9	18	50.0	191	1708	26.0	30	490	52	79	1.2
7	6.20	467	5747	87.4	19	61.0	149	1517	23.1	31	590	19	27	.4
8	7.50	939	5280	80.3	20	73.0	132	1368	20.8	32	710	4	8	.1
9	9.10	338	4341	66.0	21	89.0	142	1236	18.8	33	860	2	4	
10	11.00	321	4003	60.9	22	110.0	124	1094	16.6	34	1000	2	2	
11	13.00	358	3682	56.0	23	130.0	151	970	14.8					

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
COW CREEK NEAR RIDGWAY, CO.

YEAR	1	3	7	15	30	60	90	120	183									
1956	497.0	9	480.0	9	453.0	9	381.0	9	326.0	9	223.0	11	164.0	12	130.0	13	91.0	13
1957	1070.0	1	1020.0	1	888.0	1	704.0	1	548.0	1	432.0	1	329.0	1	268.0	1	186.0	1
1958	679.0	4	643.0	4	568.0	5	509.0	3	476.0	3	387.0	2	291.0	2	229.0	2	158.0	2
1959	402.0	11	385.0	11	380.0	10	362.0	10	296.0	11	213.0	14	157.0	14	126.0	14	88.0	14
1960	550.0	7	525.0	7	503.0	7	428.0	8	387.0	6	284.0	7	213.0	7	174.0	7	120.0	8
1961	378.0	13	361.0	13	354.0	13	322.0	12	304.0	10	218.0	12	164.0	13	131.0	12	97.0	12
1962	356.0	15	342.0	16	323.0	15	305.0	14	285.0	13	235.0	10	202.0	8	169.0	8	118.0	9
1963	213.0	18	212.0	18	196.0	18	187.0	18	170.0	18	129.0	18	104.0	18	86.0	17	65.0	17
1964	395.0	12	366.0	12	361.0	12	333.0	11	295.0	12	255.0	8	193.0	10	156.0	10	111.0	10
1965	650.0	5	638.0	5	580.0	4	500.0	4	421.0	5	312.0	6	249.0	4	208.0	4	149.0	4
1966	355.0	16	351.0	15	306.0	16	290.0	16	253.0	15	207.0	15	155.0	15	125.0	15	88.0	15
1967	490.0	10	460.0	10	370.0	11	301.0	15	240.0	16	172.0	16	128.0	16	104.0	16	75.0	16
1968	700.0	3	647.0	3	613.0	3	488.0	5	461.0	4	319.0	4	242.0	5	195.0	5	135.0	6
1969	357.0	14	352.0	14	335.0	14	316.0	13	272.0	14	215.0	13	174.0	11	141.0	11	103.0	11
1970	534.0	8	511.0	8	480.0	8	439.0	7	369.0	7	312.0	5	234.0	6	186.0	6	136.0	5
1971	573.0	6	547.0	6	521.0	6	442.0	6	345.0	8	255.0	9	200.0	9	164.0	9	120.0	7
1972	295.0	17	264.0	17	250.0	17	234.0	17	193.0	17	137.0	17	105.0	17	85.0	18	61.0	18
1973	809.0	2	738.0	2	674.0	2	555.0	2	479.0	2	359.0	3	284.0	3	224.0	3	153.0	3

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

Table with columns: CLASS YEAR, 0-34, and rows for years 1921-1975. Includes sub-headers 'NUMBER OF DAYS IN CLASS' and 'DAYS IN CLASS'.

Summary table with columns: CLASS, VALUE, TOTAL, ACCUM, PERCT. Rows 0-11.

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
UNCOMPAHGRE RIVER AT COLONA, CO.
Table with columns: YEAR, 1, 3, 7, 15, 30, 60, 90, 120, 183 and rows 1914-1920.

09147500 UNCOMPAHGRE RIVER AT COLONA, 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
UNCOMPAHGRE RIVER AT COLONA, CO.

YEAR	1	3	7	15	30	60	90	120	183
1921	4080.0 1	4020.0 1	3590.0 1	2960.0 1	2180.0 1	1590.0 1	1330.0 1	1110.0 1	816.0 1
1922	1500.0 30	1440.0 26	1380.0 25	1360.0 18	1230.0 16	1010.0 17	865.0 17	735.0 16	534.0 19
1923	1380.0 36	1300.0 39	1210.0 36	1110.0 35	1000.0 30	894.0 24	753.0 25	656.0 26	496.0 25
1924	1620.0 21	1590.0 22	1390.0 24	1250.0 22	1000.0 31	890.0 25	748.0 26	633.0 27	461.0 30
1925	1400.0 35	1370.0 34	1280.0 32	1110.0 36	937.0 37	855.0 26	764.0 24	693.0 22	559.0 15
1926	1730.0 19	1680.0 17	1640.0 16	1510.0 16	1250.0 15	1070.0 14	919.0 14	764.0 14	544.0 17
1927	2680.0 5	1990.0 11	1430.0 21	1180.0 30	1020.0 28	919.0 23	793.0 22	708.0 20	593.0 13
1928	1880.0 16	1820.0 16	1750.0 14	1420.0 17	1160.0 19	1100.0 13	988.0 12	829.0 12	605.0 10
1929	1620.0 22	1610.0 21	1600.0 17	1520.0 14	1410.0 12	1190.0 10	1050.0 9	903.0 6	709.0 3
1930	1530.0 28	1420.0 27	1350.0 27	1270.0 20	1100.0 22	784.0 33	693.0 29	627.0 29	492.0 26
1931	693.0 60	635.0 60	586.0 59	536.0 58	493.0 58	411.0 57	335.0 57	288.0 56	225.0 56
1932	1510.0 29	1420.0 28	1290.0 30	1200.0 27	1000.0 29	926.0 22	797.0 21	686.0 23	499.0 24
1933	1410.0 34	1390.0 31	1230.0 33	1140.0 32	1040.0 26	769.0 34	571.0 40	461.0 42	349.0 44
1934	700.0 59	651.0 59	582.0 60	531.0 59	458.0 60	383.0 60	300.0 60	249.0 60	191.0 61
1935	1590.0 25	1490.0 25	1340.0 28	1260.0 21	1060.0 25	790.0 31	632.0 36	530.0 37	388.0 39
1936	873.0 52	822.0 53	787.0 53	713.0 53	622.0 52	542.0 50	477.0 49	408.0 49	310.0 50
1937	1160.0 43	1130.0 43	1070.0 42	969.0 41	790.0 44	644.0 44	569.0 41	468.0 41	350.0 43
1938	2900.0 2	2530.0 3	2170.0 4	1920.0 5	1640.0 3	1320.0 6	1110.0 5	926.0 5	680.0 5
1939	938.0 50	876.0 50	809.0 50	786.0 50	717.0 47	603.0 46	503.0 46	441.0 47	328.0 47
1940	1350.0 39	1310.0 37	1190.0 38	1010.0 40	898.0 39	749.0 36	612.0 38	502.0 39	359.0 42
1941	2050.0 12	1860.0 14	1770.0 12	1560.0 13	1290.0 13	1170.0 12	1050.0 10	885.0 8	642.0 7
1942	1990.0 14	1890.0 13	1750.0 13	1660.0 10	1560.0 7	1310.0 7	1160.0 2	1000.0 2	722.0 2
1943	1070.0 47	989.0 48	939.0 49	837.0 47	726.0 46	561.0 47	489.0 48	451.0 43	378.0 40
1944	1960.0 15	1850.0 15	1710.0 15	1650.0 11	1460.0 11	1350.0 2	1120.0 3	892.0 7	628.0 8
1945	1350.0 40	1320.0 35	1200.0 37	1120.0 33	926.0 38	836.0 28	737.0 27	663.0 25	481.0 28
1946	1040.0 48	982.0 49	961.0 46	912.0 45	692.0 49	498.0 53	458.0 50	408.0 50	326.0 48
1947	1570.0 26	1380.0 32	1170.0 39	1070.0 37	1030.0 27	831.0 29	733.0 28	631.0 28	492.0 27
1948	1840.0 17	1670.0 18	1460.0 19	1190.0 28	1170.0 18	948.0 21	833.0 19	701.0 21	510.0 23
1949	2600.0 6	2410.0 5	2080.0 5	1800.0 7	1470.0 10	1050.0 15	903.0 15	761.0 15	545.0 16
1950	862.0 53	836.0 52	800.0 51	725.0 52	632.0 51	490.0 54	402.0 54	357.0 54	267.0 53
1951	813.0 56	711.0 58	684.0 57	592.0 57	496.0 57	389.0 59	321.0 59	264.0 59	198.0 60
1952	2040.0 13	1960.0 12	1840.0 10	1630.0 12	1280.0 14	973.0 18	842.0 18	712.0 19	534.0 20
1953	1700.0 20	1650.0 19	1530.0 18	1220.0 24	998.0 32	679.0 42	538.0 43	446.0 46	324.0 49
1954	512.0 61	473.0 61	405.0 62	322.0 62	264.0 62	233.0 62	224.0 62	199.0 62	164.0 62
1955	1130.0 45	1080.0 46	948.0 47	794.0 49	617.0 54	469.0 55	385.0 55	328.0 55	253.0 55
1956	1030.0 49	1000.0 47	947.0 48	835.0 48	702.0 48	516.0 51	425.0 52	358.0 53	285.0 54
1957	2600.0 7	2490.0 4	2240.0 3	1930.0 4	1580.0 6	1340.0 3	1090.0 6	938.0 3	686.0 4
1958	2200.0 11	2070.0 9	1930.0 8	1840.0 6	1640.0 4	1340.0 4	1070.0 7	863.0 9	622.0 9
1959	1180.0 42	1150.0 42	1120.0 41	1050.0 38	790.0 45	555.0 49	434.0 51	369.0 52	283.0 52
1960	1360.0 38	1300.0 38	1230.0 34	1050.0 39	944.0 36	724.0 39	615.0 37	532.0 36	391.0 37
1961	1150.0 44	1090.0 45	1020.0 44	909.0 46	865.0 42	659.0 43	536.0 44	450.0 44	363.0 41
1962	1120.0 46	1100.0 44	990.0 45	959.0 42	876.0 40	729.0 38	640.0 35	556.0 34	403.0 34
1963	480.0 62	460.0 62	427.0 61	394.0 61	357.0 61	293.0 61	256.0 61	237.0 61	204.0 59
1964	1440.0 32	1260.0 40	1130.0 40	941.0 44	870.0 41	743.0 37	601.0 39	528.0 38	401.0 35
1965	1450.0 31	1370.0 33	1290.0 31	1150.0 31	1100.0 23	954.0 20	792.0 23	713.0 18	541.0 18
1966	790.0 57	779.0 56	723.0 56	593.0 56	549.0 56	504.0 52	423.0 53	373.0 51	287.0 51
1967	780.0 58	748.0 57	666.0 58	523.0 60	463.0 59	403.0 58	346.0 56	286.0 57	212.0 58
1968	1740.0 18	1620.0 20	1430.0 22	1220.0 25	1140.0 20	785.0 32	676.0 33	567.0 32	409.0 33
1969	834.0 55	813.0 54	747.0 54	690.0 55	618.0 53	559.0 48	491.0 47	438.0 48	337.0 46
1970	1600.0 23	1520.0 23	1400.0 23	1180.0 29	992.0 33	973.0 19	802.0 20	665.0 24	529.0 21
1971	1430.0 33	1410.0 29	1360.0 26	1230.0 23	979.0 34	712.0 40	557.0 42	486.0 40	388.0 38
1972	900.0 51	872.0 51	799.0 52	749.0 51	597.0 55	412.0 56	327.0 58	279.0 58	219.0 57
1973	2560.0 8	2250.0 8	2000.0 7	1700.0 8	1540.0 8	1220.0 9	1010.0 11	836.0 11	599.0 11
1974	837.0 54	809.0 55	739.0 55	691.0 54	649.0 50	624.0 45	535.0 45	446.0 45	341.0 45
1975	2860.0 3	2850.0 2	2600.0 2	2180.0 2	1680.0 2	1290.0 8	1050.0 8	846.0 10	594.0 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
UNCOMPAHGRE RIVER AT COLONA, CO.

YEAR	1	3	7	14	30	60	90	120	183
1915	30.00 13	38.00 16	40.00 14	40.00 13	40.00 8	40.00 4	41.00 1	46.00 1	63.00 6
1916	35.00 16	37.00 15	41.00 16	49.00 20	57.00 19	60.00 13	60.00 9	61.00 9	66.00 8
1917	88.00 59	88.00 59	94.00 59	94.00 59	94.00 59	95.00 59	97.00 59	105.00 60	130.00 57
1918	45.00 21	45.00 21	45.00 20	45.00 16	60.00 22	69.00 23	71.00 22	72.00 20	77.00 17
1919	16.00 3	19.00 5	23.00 5	36.00 9	70.00 36	80.00 49	84.00 46	88.00 47	96.00 39
1920	40.00 17	40.00 17	42.00 17	47.00 19	75.00 47	75.00 34	77.00 33	78.00 26	82.00 23
1921	50.00 29	66.00 50	73.00 51	78.00 53	78.00 52	79.00 43	81.00 40	83.00 37	97.00 40
1922	85.00 58	85.00 58	85.00 58	85.00 58	85.00 58	87.00 56	88.00 53	90.00 48	95.00 37
1923	65.00 50	65.00 48	65.00 44	66.00 40	73.00 44	79.00 44	81.00 41	81.00 33	81.00 20
1924	95.00 60	95.00 60	95.00 60	95.00 60	95.00 60	95.00 60	95.00 58	96.00 55	111.00 51
1925	82.00 57	82.00 57	82.00 57	82.00 57	82.00 55	84.00 54	88.00 54	91.00 51	102.00 44
1926	75.00 56	75.00 55	75.00 52	75.00 51	75.00 48	75.00 35	78.00 34	82.00 34	105.00 46
1927	69.00 52	71.00 52	77.00 55	80.00 56	80.00 54	83.00 52	85.00 47	91.00 52	106.00 47
1928	100.00 61	100.00 61	100.00 61	100.00 61	100.00 61	100.00 61	107.00 61	120.00 61	150.00 60
1929	65.00 51	65.00 49	65.00 45	65.00 36	66.00 27	76.00 36	87.00 52	93.00 54	112.00 52
1930	50.00 30	50.00 24	50.00 24	50.00 21	50.00 13	55.00 11	63.00 10	68.00 13	103.00 45
1931	40.00 18	40.00 18	40.00 15	40.00 14	40.00 9	45.00 6	48.00 5	59.00 7	80.00 19
1932	52.00 34	53.00 28	56.00 27	65.00 37	70.00 37	72.00 30	73.00 25	80.00 31	96.00 38
1933	45.00 22	45.00 22	45.00 18	45.00 17	45.00 12	47.00 10	48.00 6	54.00 5	62.00 4
1934	55.00 39	55.00 32	59.00 33	71.00 48	76.00 49	77.00 40	80.00 38	83.00 35	98.00 42
1935	34.00 15	35.00 13	36.00 12	38.00 11	40.00 10	45.00 7	47.00 4	51.00 2	55.00 1

GUNNISON RIVER BASIN

09147500 UNCOMPAHGRE RIVER AT COLONA, 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
UNCOMPAHGRE RIVER AT COLONA, CO.

1936	57.00 ¹ 44	57.00 ³ 36	57.00 ⁷ 29	58.00 ¹⁴ 27	60.00 ³⁰ 23	62.00 ⁶⁰ 14	65.00 ⁹⁰ 17	71.00 ¹²⁰ 18	83.00 ¹⁸³ 24
1937	56.00 40	57.00 37	59.00 34	61.00 31	66.00 28	70.00 24	71.00 23	75.00 22	78.00 18
1938	50.00 31	54.00 31	55.00 25	56.00 24	59.00 20	64.00 19	69.00 20	75.00 23	90.00 32
1939	56.00 41	61.00 44	63.00 41	68.00 45	72.00 43	74.00 33	78.00 35	87.00 44	115.00 53
1940	47.00 25	53.00 29	57.00 30	60.00 28	65.00 26	71.00 27	71.00 21	71.00 19	76.00 16
1941	40.00 19	43.00 19	47.00 22	52.00 22	68.00 31	76.00 37	80.00 39	85.00 38	107.00 48
1942	70.00 53	72.00 53	75.00 53	79.00 54	84.00 56	87.00 57	92.00 57	103.00 58	173.00 61
1943	64.00 49	68.00 51	70.00 50	72.00 50	79.00 53	83.00 53	86.00 49	88.00 45	92.00 34
1944	61.00 47	63.00 45	66.00 48	67.00 41	68.00 32	70.00 25	74.00 26	79.00 27	91.00 33
1945	56.00 42	59.00 41	63.00 42	65.00 38	67.00 29	71.00 28	74.00 27	76.00 24	82.00 21
1946	60.00 46	63.00 46	65.00 46	69.00 46	71.00 38	73.00 31	76.00 30	85.00 39	93.00 35
1947	45.00 23	51.00 25	57.00 31	60.00 29	64.00 25	68.00 22	72.00 24	79.00 28	89.00 29
1948	52.00 32	56.00 33	65.00 47	71.00 49	72.00 39	80.00 50	86.00 50	91.00 53	118.00 55
1949	59.00 45	60.00 42	64.00 43	66.00 39	72.00 40	85.00 55	89.00 55	90.00 49	90.00 30
1950	53.00 35	56.00 34	61.00 37	67.00 42	74.00 45	79.00 45	83.00 43	86.00 42	93.00 35
1951	27.00 10	29.00 10	30.00 9	33.00 8	39.00 5	44.00 5	45.00 2	52.00 3	59.00 2
1952	29.00 11	29.00 11	30.00 10	31.00 6	35.00 4	47.00 8	54.00 8	60.00 8	65.00 7
1953	55.00 36	58.00 38	60.00 35	62.00 32	72.00 41	77.00 38	79.00 36	80.00 32	83.00 25
1954	18.00 5	18.00 4	18.00 3	19.00 2	23.00 2	39.00 3	64.00 14	73.00 21	73.00 14
1955	24.00 6	25.00 6	31.00 11	40.00 12	56.00 17	65.00 20	66.00 18	69.00 14	84.00 26
1956	16.00 4	16.00 3	17.00 2	19.00 3	20.00 1	31.00 1	47.00 3	57.00 6	61.00 3
1957	12.00 1	13.00 1	15.00 1	18.00 1	25.00 3	36.00 2	49.00 7	54.00 4	63.00 5
1958	46.00 24	46.00 23	49.00 23	56.00 25	68.00 33	79.00 46	90.00 56	97.00 56	108.00 50
1959	63.00 48	64.00 47	67.00 49	68.00 43	74.00 46	77.00 39	79.00 37	83.00 35	88.00 28
1960	24.00 7	25.00 7	29.00 8	32.00 7	44.00 11	62.00 15	64.00 15	67.00 11	82.00 22
1961	26.00 8	26.00 8	28.00 6	29.00 4	40.00 6	47.00 9	63.00 11	69.00 15	72.00 12
1962	50.00 26	53.00 26	59.00 32	65.00 33	68.00 34	79.00 47	83.00 44	87.00 43	115.00 54
1963	30.00 12	35.00 14	45.00 19	52.00 23	57.00 18	67.00 21	76.00 31	79.00 29	90.00 31
1964	27.00 9	29.00 9	29.00 7	30.00 5	40.00 7	62.00 16	63.00 12	67.00 12	72.00 13
1965	55.00 37	58.00 39	62.00 38	69.00 47	72.00 42	74.00 32	77.00 32	80.00 30	86.00 27
1966	55.00 38	58.00 40	63.00 39	65.00 34	70.00 35	78.00 41	86.00 51	97.00 57	130.00 58
1967	32.00 14	34.00 12	39.00 13	44.00 15	51.00 14	62.00 17	64.00 16	69.00 16	69.00 9
1968	12.00 2	14.00 2	20.00 4	37.00 10	53.00 16	59.00 12	63.00 13	66.00 10	71.00 10
1969	42.00 20	43.00 20	46.00 21	46.00 18	52.00 15	71.00 29	74.00 28	76.00 25	76.00 15
1970	50.00 27	57.00 35	61.00 36	68.00 44	76.00 50	82.00 51	84.00 45	88.00 46	129.00 56
1971	73.00 55	76.00 56	79.00 56	80.00 55	84.00 57	90.00 58	98.00 60	104.00 59	132.00 59
1972	56.00 43	61.00 43	63.00 40	65.00 35	67.00 30	70.00 26	76.00 29	85.00 40	102.00 43
1973	50.00 28	53.00 27	56.00 28	60.00 30	63.00 24	79.00 42	85.00 48	90.00 50	107.00 49
1974	70.00 54	72.00 54	75.00 54	77.00 52	78.00 51	80.00 48	82.00 42	85.00 41	97.00 41
1975	52.00 33	54.00 30	55.00 26	58.00 26	60.00 21	64.00 18	66.00 19	70.00 17	72.00 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)											
126	105	83.4	74.4	76.7	104	257	597	929	490	230	142
3991	788	313	180	169	616	13880	64640	142900	79120	14580	9081
63.2	28.1	17.7	13.4	13.0	24.8	118	254	378	281	121	95.3
1.72	0.99	0.10	-0.44	-0.12	1.09	1.07	0.56	0.48	0.99	0.59	1.87
0.50	0.27	0.21	0.18	0.17	0.24	0.46	0.43	0.41	0.57	0.53	0.67
3.93	3.28	2.60	2.31	2.39	3.24	7.99	18.6	28.9	15.2	7.15	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)											
2.05	2.01	1.91	1.86	1.88	2.01	2.36	2.73	2.93	2.61	2.30	2.07
0.04	0.01	0.01	0.01	0.01	0.01	0.04	0.04	0.04	0.07	0.06	0.07
0.21	0.11	0.10	0.09	0.08	0.10	0.20	0.19	0.21	0.27	0.24	0.27
-0.08	0.26	-0.75	-1.29	-0.60	0.58	-0.26	-0.25	-1.14	-0.44	-0.25	0.02
0.10	0.06	0.05	0.05	0.04	0.05	0.09	0.07	0.07	0.10	0.11	0.13
7.68	7.51	7.15	6.97	7.03	7.51	8.85	10.2	10.9	9.78	8.60	7.75

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
268	6886	83.0	0.20	0.31	0.209

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.41	0.02	0.14	-0.38	0.06	0.214

09149500 UNCOMPAGRE RIVER AT DELTA, COLO.

LOCATION.--Lat 38°44'31", long 108°04'49", in SW¼SW¼ sec.13, T.15 S., R.96 W., Delta County, on right bank 525 ft (160 m) downstream from 5th Street Bridge at west edge of Delta and 1.1 mi (1.8 km) upstream from mouth.

DRAINAGE AREA.--1,129 mi² (2,924 km²).

REMARKS.--Natural flow of stream affected by water diverted from Gunnison River and other adjacent basins, diversions for irrigation of about 90,000 acres (364 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 UNCOMPAGRE RIVER AT DELTA, CO.

Table with columns: CLASS YEAR, 0-34, and rows for years 1939-1975. The columns 0-34 represent the number of days in each class. The rows show the number of days in each class for each year.

Table with columns: CLASS, VALUE, TOTAL, ACCUM, PERCT. It shows cumulative discharge values and percentages for each class from 0 to 11.

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

Table with columns: YEAR, 1, 3, 7, 15, 30, 60, 90, 120, 183. It shows the highest mean discharge values and their rankings for various durations of consecutive days for each year from 1939 to 1945.

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
UNCOMPAHGRE RIVER AT DELTA, CO.

YEAR	1	3	7	15	30	60	90	120	183
1946	1000.0 27	870.0 26	749.0 24	655.0 24	505.0 27	400.0 25	410.0 22	366.0 23	351.0 20
1947	1800.0 9	1520.0 8	1260.0 9	1080.0 9	956.0 7	720.0 11	638.0 10	617.0 6	510.0 7
1948	1980.0 6	1450.0 10	1370.0 7	1140.0 7	862.0 12	795.0 6	710.0 6	600.0 8	484.0 9
1949	2460.0 3	1980.0 3	1720.0 3	1340.0 4	1060.0 5	781.0 7	690.0 8	591.0 9	456.0 10
1950	522.0 37	500.0 37	468.0 36	397.0 36	340.0 36	284.0 35	248.0 35	243.0 34	229.0 31
1951	636.0 35	530.0 36	427.0 37	363.0 37	326.0 37	247.0 37	220.0 37	201.0 37	175.0 37
1952	1440.0 16	1330.0 15	1030.0 16	817.0 19	630.0 19	594.0 14	546.0 14	467.0 14	424.0 12
1953	1580.0 13	1200.0 17	917.0 21	713.0 22	593.0 22	395.0 26	349.0 27	304.0 27	257.0 28
1954	846.0 29	674.0 31	535.0 34	454.0 35	434.0 31	337.0 32	284.0 32	247.0 32	197.0 35
1955	747.0 32	672.0 32	595.0 32	471.0 33	415.0 32	339.0 31	281.0 33	243.0 33	222.0 32
1956	621.0 36	533.0 35	483.0 35	455.0 34	387.0 35	277.0 36	243.0 36	213.0 36	179.0 36
1957	1900.0 7	1540.0 7	1430.0 5	1230.0 5	1070.0 4	924.0 4	864.0 4	773.0 3	623.0 3
1958	1990.0 5	1730.0 5	1360.0 8	1120.0 8	973.0 6	796.0 5	677.0 9	549.0 10	439.0 11
1959	671.0 34	623.0 34	574.0 33	538.0 29	486.0 28	385.0 28	314.0 29	267.0 30	214.0 33
1960	1040.0 26	912.0 24	761.0 23	605.0 25	536.0 25	389.0 27	373.0 24	340.0 24	274.0 25
1961	1490.0 15	1410.0 12	1210.0 10	999.0 12	944.0 8	584.0 15	436.0 20	435.0 18	390.0 17
1962	1340.0 17	1060.0 20	972.0 19	838.0 18	650.0 18	529.0 19	477.0 17	407.0 21	343.0 22
1963	820.0 31	671.0 33	613.0 30	532.0 30	403.0 33	323.0 33	257.0 34	230.0 35	202.0 34
1964	1090.0 24	876.0 25	772.0 22	722.0 21	673.0 16	540.0 18	468.0 18	448.0 16	384.0 18
1965	1550.0 14	1400.0 13	1030.0 17	881.0 15	776.0 14	739.0 9	713.0 5	650.0 5	551.0 5
1966	1140.0 22	939.0 23	704.0 26	526.0 31	451.0 30	384.0 29	358.0 26	322.0 26	267.0 27
1967	1040.0 25	828.0 27	680.0 27	605.0 26	553.0 24	416.0 24	366.0 25	327.0 25	273.0 26
1968	1260.0 19	1140.0 19	1040.0 15	917.0 14	724.0 15	582.0 16	567.0 13	501.0 13	395.0 15
1969	1670.0 11	1330.0 14	1050.0 13	877.0 16	657.0 17	542.0 17	483.0 16	444.0 17	407.0 14
1970	1900.0 8	1420.0 11	1090.0 12	1050.0 10	782.0 13	708.0 12	597.0 12	540.0 11	517.0 6
1971	1090.0 23	1040.0 22	957.0 20	758.0 20	604.0 21	465.0 22	378.0 23	380.0 22	335.0 23
1972	745.0 33	691.0 30	648.0 28	554.0 28	458.0 29	345.0 30	288.0 31	276.0 29	230.0 30
1973	1710.0 10	1560.0 6	1400.0 6	1190.0 6	895.0 9	758.0 8	701.0 7	604.0 7	504.0 8
1974	1160.0 21	1050.0 21	746.0 25	656.0 23	580.0 23	524.0 20	458.0 19	416.0 20	347.0 21
1975	1330.0 18	1250.0 16	1040.0 14	977.0 13	867.0 11	731.0 10	618.0 11	520.0 12	423.0 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
UNCOMPAHGRE RIVER AT DELTA, CO.

YEAR	1	3	7	14	30	60	90	120	183
1940	76.00 30	79.00 28	85.00 26	89.00 21	92.00 19	103.00 11	113.00 12	119.00 7	152.00 3
1941	56.00 16	58.00 13	65.00 13	69.00 12	72.00 7	78.00 2	85.00 2	97.00 2	169.00 8
1942	85.00 33	93.00 33	106.00 33	114.00 34	121.00 32	136.00 34	137.00 28	144.00 25	294.00 36
1943	54.00 12	57.00 12	62.00 11	64.00 9	66.00 1	68.00 1	75.00 1	86.00 1	162.00 5
1944	69.00 26	72.00 24	79.00 21	91.00 23	97.00 20	103.00 12	108.00 9	121.00 8	208.00 22
1945	62.00 22	69.00 22	72.00 18	76.00 16	81.00 13	99.00 9	104.00 6	107.00 5	178.00 12
1946	47.00 8	54.00 10	59.00 9	59.00 5	70.00 5	93.00 6	100.00 5	121.00 9	170.00 9
1947	35.00 4	36.00 3	48.00 5	51.00 2	69.00 3	85.00 3	86.00 3	106.00 4	187.00 15
1948	70.00 27	75.00 26	80.00 22	81.00 18	91.00 17	106.00 14	122.00 19	144.00 26	235.00 31
1949	80.00 31	81.00 29	95.00 31	103.00 31	123.00 33	129.00 30	141.00 31	147.00 29	218.00 27
1950	83.00 32	85.00 31	94.00 30	99.00 29	110.00 29	118.00 24	126.00 21	132.00 18	165.00 6
1951	40.00 5	42.00 4	45.00 3	51.00 3	71.00 6	89.00 4	92.00 4	102.00 3	134.00 1
1952	57.00 17	62.00 16	70.00 16	72.00 13	77.00 9	93.00 5	105.00 7	117.00 6	174.00 10
1953	60.00 21	69.00 23	93.00 28	98.00 27	109.00 28	118.00 25	131.00 26	145.00 27	202.00 21
1954	54.00 13	59.00 14	63.00 12	67.00 11	80.00 10	97.00 7	111.00 10	127.00 14	198.00 19
1955	30.00 2	43.00 6	69.00 14	73.00 15	80.00 11	107.00 15	117.00 17	135.00 20	177.00 11
1956	74.00 28	77.00 27	84.00 25	91.00 24	99.00 22	103.00 13	116.00 14	130.00 17	166.00 7
1957	52.00 10	53.00 8	62.00 10	72.00 14	88.00 16	98.00 8	106.00 8	121.00 10	149.00 2
1958	88.00 34	93.00 34	103.00 32	113.00 33	135.00 35	146.00 35	149.00 34	161.00 34	245.00 34
1959	30.00 3	32.00 2	42.00 1	61.00 6	85.00 15	102.00 10	112.00 11	128.00 15	214.00 25
1960	57.00 18	66.00 20	91.00 27	102.00 30	113.00 30	118.00 26	127.00 24	139.00 23	214.00 26
1961	67.00 25	74.00 25	82.00 23	96.00 26	108.00 27	120.00 27	126.00 22	135.00 21	210.00 23
1962	54.00 11	54.00 9	56.00 7	61.00 7	70.00 4	111.00 20	116.00 15	124.00 12	183.00 14
1963	20.00 1	28.00 1	45.00 2	47.00 1	73.00 8	112.00 21	127.00 23	133.00 19	202.00 20
1964	55.00 14	61.00 15	69.00 15	80.00 17	100.00 23	109.00 18	116.00 16	122.00 11	180.00 13
1965	66.00 24	68.00 21	76.00 19	82.00 19	92.00 18	116.00 22	128.00 25	146.00 28	192.00 16
1966	59.00 20	65.00 17	76.00 20	92.00 25	101.00 24	116.00 23	138.00 29	159.00 33	229.00 29
1967	57.00 19	65.00 18	83.00 24	89.00 22	101.00 25	108.00 17	114.00 13	127.00 13	154.00 4
1968	45.00 7	50.00 7	52.00 6	56.00 4	67.00 2	132.00 31	135.00 27	140.00 24	192.00 17
1969	64.00 23	66.00 19	72.00 17	86.00 20	98.00 21	110.00 19	123.00 20	129.00 16	194.00 18
1970	41.00 6	42.00 5	47.00 4	66.00 10	84.00 14	107.00 16	120.00 18	136.00 22	239.00 32
1971	56.00 15	84.00 30	94.00 29	99.00 28	104.00 26	127.00 29	141.00 30	153.00 31	254.00 35
1972	94.00 35	103.00 35	108.00 34	111.00 32	119.00 31	133.00 32	146.00 33	154.00 32	224.00 28
1973	51.00 9	56.00 11	57.00 8	61.00 8	81.00 12	126.00 28	176.00 36	181.00 36	230.00 30
1974	74.00 29	92.00 32	139.00 36	141.00 36	145.00 36	154.00 36	161.00 35	166.00 35	239.00 33
1975	96.00 36	109.00 36	118.00 35	122.00 35	134.00 34	135.00 33	145.00 32	150.00 30	211.00 24

09149500 UNCOMPAGHRE RIVER AT DELTA, 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)											
391	252	153	130	126	148	267	453	557	299	277	360
14870	4468	656	620	1018	2569	34700	70000	55380	38580	25410	26700
122	66.8	25.6	24.9	31.9	50.7	186	265	235	196	159	163
1.22	-0.16	0.10	-0.20	0.80	0.93	2.09	1.16	0.31	1.34	1.54	1.81
0.31	0.27	0.17	0.19	0.25	0.34	0.65	0.56	0.42	0.66	0.58	0.45
11.4	7.35	4.47	3.78	3.68	4.30	8.37	13.2	16.2	8.71	8.06	10.5

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)											
2.57	2.39	2.18	2.10	2.09	2.15	2.38	2.59	2.70	2.40	2.38	2.52
0.02	0.02	0.01	0.01	0.01	0.02	0.07	0.07	0.04	0.06	0.05	0.03
0.13	0.13	0.07	0.09	0.11	0.14	0.26	0.26	0.21	0.25	0.22	0.17
-0.25	-0.64	-0.16	-0.83	0.14	0.20	0.05	-0.10	-0.71	0.57	0.46	0.36
0.05	0.05	0.03	0.04	0.05	0.07	0.11	0.10	0.08	0.11	0.09	0.07
9.04	8.38	7.66	7.40	7.34	7.54	8.38	9.09	9.50	8.43	8.38	8.86

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
286	6001	77.5	0.46	0.27	0.193

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.44	0.01	0.12	-0.09	0.05	0.198

09150500 ROUBIDEAU CREEK AT MOUTH, NEAR DELTA, COLO.

LOCATION.--Lat 38°44'06", long 108°09'40", in SE¼NE¼ sec.19, T.15 S., R.96 W., Delta County, on left bank 90 ft (27 m) upstream from railroad bridge, 0.2 mi (0.3 km) upstream from mouth, and 4.9 mi (7.9 km) west of Delta.

DRAINAGE AREA.--242 mi² (627 km²).

REMARKS.--Part of discharge is return flow from irrigated lands under lower end of Ironstone Canal from Uncompahgre River. Diversions for irrigation of a few hundred acres above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

CLASS YEAR	DISCHARGE, IN CUBIC FEET PER SECOND MEAN ROUBIDEAU CREEK AT MOUTH, NEAR DELTA, CO.																																			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
1940			1		10	29	23	22	43	41	38	32	27	18	22	12		9	1	1	3	5	5	4	3	5	6	6								
1941								1	19	26	74	81	24	22	10	11	18	6	6	9	1	3	7	3	5	3	6	7	5	2	4	4	5	1		
1942								5	44	42	32	22	33	22	20	21	19	10	10	19	7	5	8	4	6	7	5	4	9	6	4					
1943								6	11	37	34	47	36	40	28	28	23	22	11	10	6	2	2	2	2	4	5	4	5							
1944								6	23	22	39	41	38	21	15	31	32	25	7	3	2	1	3	5	3	5	5	4	3	3	3	1				
1945								2		13	38	62	47	20	26	23	28	20	24	4	6	9	2	9	3	2	3	2	6	3	2	6	5			
1946								10	14	22	64	28	25	34	42	49	27	16	3	5	10	5	6	5												
1947								8	1	6	27	48	35	26	29	30	29	32	25	14	15	9	8	4	7	4	3	2	3							
1948								5	13	11	27	27	45	36	26	37	19	39	14	11	10	3	3	4	1	3	4	4	4	3	9	4	4			
1949								1	11	17	24	23	35	28	45	31	30	27	17	5	2	1	11	8	4	4	9	9	12	5	5	1				
1950								1	28	33	20	49	36	35	19	36	22	22	2	4	4	10	6	4	5	10	8	6	4	1						
1951								1	1	1	5	17	21	32	45	41	69	47	13	21	13	10	1	1	1	2	5	9	7	2						
1952								1	1	8	26	45	41	42	18	41	35	17	13	10	9	5	2	3	9	5	7	7	3	3	3	6	2	2	2	
1953								3	7	17	38	33	44	31	29	37	43	40	17	9	2	7	5	1	2											
1954								1	6	39	40	58	59	28	18	13	24	27	21	10	9	2	1	5	4											

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5479	100.0	12	64.0	477	3010	54.9	24	390	49	343	6.2
1	12.00	1	5479	100.0	13	74.0	423	2533	46.2	25	460	58	294	5.3
2	14.00	1	5478	100.0	14	86.0	417	2110	38.5	26	530	54	236	4.3
3	16.00	2	5477	100.0	15	100.0	382	1693	30.9	27	620	48	182	3.3
4	19.00	5	5475	99.9	16	120.0	301	1311	23.9	28	720	36	134	2.4
5	22.00	41	5470	99.8	17	140.0	198	1010	18.4	29	830	36	98	1.7
6	26.00	90	5429	99.1	18	160.0	97	812	14.8	30	970	17	62	1.1
7	30.00	222	5339	97.4	19	180.0	81	715	13.0	31	1100	23	45	.8
8	35.00	332	5117	93.4	20	210.0	103	634	11.6	32	1300	14	22	.4
9	40.00	518	4785	87.3	21	250.0	64	531	9.7	33	1500	7	8	.1
10	47.00	667	4267	77.9	22	290.0	73	467	8.5	34	1800	1	1	
11	55.00	590	3600	65.7	23	340.0	51	394	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
ROUBIDEAU CREEK AT MOUTH, NEAR DELTA, CO.

YEAR	1	3	7	15	30	60	90	120	183
1940	706.0 10	690.0 10	656.0 9	589.0 9	472.0 10	306.0 10	223.0 10	181.0 10	147.0 10
1941	1820.0 1	1770.0 1	1670.0 1	1440.0 1	1120.0 1	768.0 1	551.0 1	431.0 1	323.0 1
1942	1740.0 2	1300.0 5	983.0 5	923.0 5	772.0 5	667.0 2	490.0 2	383.0 2	284.0 2
1943	772.0 8	740.0 8	690.0 8	649.0 7	491.0 9	323.0 9	244.0 9	203.0 9	172.0 9
1944	1560.0 3	1460.0 2	1260.0 3	1120.0 3	879.0 2	560.0 3	412.0 3	330.0 3	245.0 3
1945	1420.0 4	1370.0 3	1340.0 2	1150.0 2	866.0 3	548.0 4	390.0 5	324.0 4	243.0 4
1946	376.0 12	372.0 12	358.0 12	309.0 12	271.0 12	190.0 12	151.0 12	131.0 12	120.0 12
1947	576.0 11	560.0 11	499.0 11	407.0 11	338.0 11	237.0 11	189.0 11	161.0 11	142.0 11
1948	1250.0 6	1130.0 6	964.0 6	874.0 6	820.0 4	545.0 5	393.0 4	314.0 5	235.0 6
1949	856.0 7	788.0 7	708.0 7	634.0 8	601.0 7	475.0 7	372.0 7	297.0 7	221.0 7
1950	740.0 9	700.0 9	654.0 10	583.0 10	492.0 8	385.0 8	299.0 8	237.0 8	178.0 8
1951	347.0 13	331.0 13	316.0 13	291.0 13	251.0 13	165.0 13	125.0 13	107.0 13	89.0 14
1952	1370.0 5	1310.0 4	1160.0 4	983.0 4	761.0 6	538.0 6	388.0 6	310.0 6	240.0 5
1953	310.0 15	296.0 15	255.0 15	215.0 15	169.0 15	140.0 14	116.0 14	104.0 14	95.0 13
1954	338.0 14	324.0 14	292.0 14	240.0 14	190.0 14	127.0 15	100.0 15	90.0 15	88.0 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
ROUBIDEAU CREEK AT MOUTH, NEAR DELTA, CO.

YEAR	1	3	7	14	30	60	90	120	183
1940	17.00 2	23.00 2	24.00 2	25.00 2	27.00 2	29.00 1	32.00 1	36.00 1	51.00 2
1941	35.00 13	38.00 15	41.00 15	44.00 15	48.00 15	54.00 15	57.00 15	60.00 15	69.00 12
1942	35.00 14	37.00 13	40.00 14	42.00 13	43.00 13	44.00 10	49.00 12	56.00 14	99.00 15
1943	30.00 12	31.00 11	35.00 12	37.00 11	42.00 11	49.00 14	53.00 14	53.00 12	65.00 10
1944	28.00 11	28.00 9	30.00 9	31.00 8	32.00 3	36.00 6	39.00 5	44.00 5	63.00 8
1945	37.00 15	38.00 14	40.00 13	43.00 14	45.00 14	47.00 13	47.00 10	50.00 10	69.00 11
1946	26.00 9	31.00 12	33.00 11	37.00 12	43.00 12	45.00 11	47.00 11	51.00 11	72.00 13
1947	22.00 3	24.00 3	27.00 4	29.00 4	34.00 7	38.00 7	41.00 9	46.00 8	63.00 9
1948	27.00 10	28.00 10	29.00 6	33.00 9	40.00 10	45.00 12	52.00 13	55.00 13	80.00 14
1949	25.00 7	27.00 7	28.00 5	29.00 5	35.00 8	38.00 8	40.00 6	48.00 9	62.00 7
1950	26.00 8	28.00 8	31.00 10	33.00 10	33.00 6	35.00 5	40.00 7	45.00 6	61.00 6
1951	17.00 1	17.00 1	21.00 1	23.00 1	26.00 1	29.00 2	34.00 2	36.00 2	41.00 1
1952	22.00 4	25.00 5	30.00 7	31.00 6	36.00 9	38.00 9	41.00 8	45.00 7	56.00 3
1953	23.00 5	24.00 4	26.00 3	28.00 3	32.00 4	35.00 3	38.00 4	42.00 4	59.00 5
1954	25.00 6	27.00 6	30.00 8	31.00 7	33.00 5	35.00 4	37.00 3	39.00 3	56.00 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,SKENNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
110	81.0	56.6	46.6	42.9	46.1	218	495	154	64.9	86.7	107
1461	509	117	91.0	154	148	21150	86250	8058	151	931	319
38.2	22.6	10.8	9.54	12.4	12.2	14.5	294	89.8	12.3	30.5	17.9
1.90	1.04	0.27	0.43	1.84	0.64	1.57	0.48	0.98	0.42	0.92	-0.11
0.35	0.28	0.19	0.20	0.29	0.26	0.67	0.59	0.58	0.19	0.35	0.17
7.32	5.37	3.75	3.09	2.84	3.05	14.5	32.8	10.2	4.30	5.75	7.06

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,SKENNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.02	1.89	1.75	1.66	1.62	1.65	2.26	2.61	2.12	1.80	1.91	2.02
0.02	0.01	0.01	0.01	0.01	0.01	0.08	0.09	0.06	0.01	0.02	0.01
0.13	0.12	0.08	0.09	0.11	0.11	0.28	0.30	0.25	0.08	0.15	0.08
0.42	0.15	-0.03	-0.26	1.10	0.21	-0.12	-0.51	0.11	-0.12	0.31	-0.51
0.07	0.06	0.05	0.05	0.07	0.07	0.12	0.12	0.12	0.05	0.08	0.04
8.67	8.12	7.48	7.12	6.94	7.07	9.67	11.2	9.10	7.74	8.21	8.67

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
126	1702	41.3	0.16	0.33	0.127

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
2.08	0.02	0.15	-0.34	0.07	0.114

09152000 KANNAH CREEK NEAR WHITWATER, COLO.

LOCATION.--Lat 38°57'42", long 108°13'47", in NW¼SW¼ sec.34, T.12 S., R.97 W., Mesa County, on right bank at downstream side of county bridge, 0.2 mi (0.3 km) downstream from intake of pipeline for Grand Junction water supply and 12 mi (19 km) east of Whitewater.

DRAINAGE AREA.--61.9 mi² (160.3 km²).

REMARKS.--Diversion above station for municipal supply of Grand Junction and minor diversion by Raber ditch for irrigation of about 60 acres (243,000 m²) below station. Records of municipal supply furnished by Colorado Division of Water Resources and monthly figures are adjusted to show total flow of stream. Daily figures are for stream below city and Raber ditch diversions. Regulation by a few small reservoirs above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
KANNAH CREEK NEAR WHITWATER, CO.

Table with columns for CLASS YEAR and values 0 through 34. It contains a grid of numbers representing the duration of discharge values for each year from 1918 to 1975. A header 'NUMBER OF DAYS IN CLASS' is centered above the columns.

Summary table with columns: CLASS, VALUE, TOTAL, ACCUM, PERCT. It lists cumulative discharge statistics for classes 0 through 11, including total volume in cubic feet and percentage of total discharge.

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

MEAN KANNAH CREEK NEAR WHITEWATER, CO.										
YEAR	1	3	7	15	30	60	90	120	183	
1918	336.0 35	306.0 36	270.0 36	258.0 30	214.0 27	139.0 27	103.0 27	82.0 27	59.0 28	
1919	550.0 13	534.0 10	469.0 10	397.0 10	282.0 11	174.0 14	129.0 14	106.0 13	75.0 13	
1920	1110.0 2	1050.0 2	973.0 2	862.0 2	600.0 2	352.0 2	252.0 2	196.0 2	133.0 2	
1921	1390.0 1	1310.0 1	1130.0 1	947.0 1	644.0 1	374.0 1	263.0 1	209.0 1	144.0 1	
1923	713.0 4	562.0 6	400.0 20	308.0 22	233.0 21	151.0 22	115.0 17	95.0 17	68.0 17	
1924	554.0 12	471.0 16	455.0 12	364.0 13	259.0 17	155.0 19	115.0 20	91.0 19	64.0 19	
1925	152.0 56	152.0 55	152.0 53	152.0 49	152.0 40	106.0 36	85.0 34	71.0 33	55.0 30	
1926	567.0 10	514.0 12	447.0 14	352.0 15	268.0 15	191.0 11	141.0 10	113.0 10	81.0 11	
1927	478.0 19	458.0 18	418.0 17	312.0 20	218.0 26	163.0 16	124.0 15	101.0 16	75.0 14	
1928	702.0 5	623.0 3	560.0 3	432.0 6	310.0 9	204.0 9	149.0 9	119.0 8	83.0 8	
1929	758.0 3	596.0 4	520.0 5	462.0 3	398.0 3	264.0 3	197.0 3	161.0 3	121.0 3	
1930	470.0 22	444.0 21	367.0 23	284.0 25	225.0 24	164.0 15	124.0 16	106.0 14	83.0 9	
1931	466.0 23	346.0 32	250.0 37	239.0 32	182.0 33	113.0 33	86.0 33	70.0 34	49.0 34	
1932	630.0 6	535.0 9	419.0 16	338.0 16	237.0 20	154.0 20	115.0 17	93.0 18	67.0 18	
1933	472.0 20	461.0 17	394.0 22	309.0 21	205.0 28	122.0 32	92.0 32	73.0 32	51.0 33	
1934	159.0 55	146.0 56	119.0 56	96.0 55	74.0 55	44.0 56	34.0 56	27.0 56	19.0 56	
1935	565.0 11	538.0 8	495.0 6	411.0 9	272.0 14	153.0 21	111.0 22	88.0 23	60.0 25	
1936	296.0 40	264.0 40	240.0 38	209.0 38	167.0 36	108.0 35	81.0 36	64.0 37	45.0 37	
1937	425.0 28	378.0 28	331.0 31	260.0 28	185.0 31	111.0 34	83.0 35	68.0 35	47.0 35	
1938	496.0 17	451.0 20	404.0 18	335.0 17	277.0 12	184.0 13	136.0 12	109.0 11	76.0 12	
1939	301.0 39	290.0 37	282.0 34	236.0 34	168.0 35	100.0 38	77.0 38	61.0 38	43.0 38	
1940	503.0 16	497.0 14	463.0 11	393.0 11	274.0 13	161.0 17	115.0 18	90.0 20	61.0 24	
1941	453.0 24	429.0 23	401.0 19	388.0 12	345.0 7	258.0 4	184.0 4	144.0 4	101.0 4	
1942	513.0 15	488.0 15	471.0 9	446.0 4	352.0 6	224.0 6	170.0 5	135.0 5	95.0 5	
1943	286.0 43	243.0 46	206.0 45	157.0 45	107.0 49	85.0 44	64.0 44	53.0 44	38.0 42	
1944	583.0 9	577.0 5	527.0 4	436.0 5	360.0 5	231.0 5	164.0 6	131.0 6	89.0 6	
1945	479.0 18	436.0 22	328.0 28	258.0 29	198.0 29	138.0 28	101.0 28	81.0 28	59.0 26	
1946	244.0 49	230.0 49	192.0 47	155.0 47	115.0 47	78.0 46	59.0 46	47.0 46	34.0 46	
1947	452.0 25	417.0 25	334.0 29	236.0 35	185.0 32	128.0 30	93.0 30	74.0 31	52.0 32	
1948	596.0 8	526.0 11	450.0 13	324.0 19	229.0 22	141.0 26	104.0 26	83.0 26	59.0 27	
1949	336.0 36	322.0 33	302.0 32	230.0 36	197.0 30	147.0 25	109.0 23	87.0 24	62.0 22	
1950	262.0 47	242.0 47	209.0 44	156.0 46	114.0 48	70.0 49	54.0 49	44.0 49	30.0 49	
1951	315.0 38	275.0 39	203.0 46	154.0 48	104.0 50	62.0 50	46.0 50	37.0 50	25.0 50	
1952	412.0 30	397.0 26	343.0 26	281.0 26	267.0 16	185.0 12	134.0 13	105.0 15	73.0 16	
1953	372.0 34	320.0 34	297.0 33	225.0 37	150.0 41	85.0 45	62.0 45	49.0 45	35.0 45	
1954	198.0 51	179.0 52	154.0 52	121.0 53	90.0 52	58.0 51	43.0 51	34.0 52	24.0 51	
1955	320.0 37	281.0 38	229.0 42	204.0 39	144.0 43	89.0 43	66.0 43	54.0 42	37.0 43	
1956	292.0 42	259.0 43	167.0 50	131.0 51	97.0 51	58.0 52	42.0 52	34.0 53	23.0 54	
1957	531.0 14	505.0 13	485.0 8	419.0 7	363.0 4	214.0 7	157.0 7	124.0 7	88.0 7	
1958	598.0 7	549.0 7	493.0 7	418.0 8	324.0 8	204.0 8	149.0 8	117.0 9	81.0 10	
1959	274.0 46	240.0 48	173.0 49	119.0 54	85.0 54	54.0 53	42.0 53	35.0 51	24.0 52	
1960	278.0 44	263.0 41	225.0 43	181.0 42	161.0 37	96.0 39	71.0 39	58.0 40	42.0 40	
1961	278.0 45	262.0 42	231.0 40	191.0 40	127.0 45	76.0 47	58.0 47	46.0 47	33.0 47	
1962	385.0 32	362.0 31	338.0 27	239.0 33	178.0 34	131.0 29	99.0 29	79.0 29	57.0 29	
1963	180.0 53	161.0 53	138.0 54	86.0 56	52.0 57	33.0 57	25.0 57	20.0 57	14.0 57	
1964	389.0 31	364.0 30	333.0 30	256.0 31	160.0 38	92.0 41	67.0 42	53.0 43	37.0 44	
1965	450.0 26	317.0 35	276.0 35	261.0 27	227.0 23	149.0 23	109.0 24	89.0 21	63.0 20	
1966	253.0 48	248.0 44	231.0 41	162.0 44	122.0 46	75.0 48	57.0 48	46.0 48	33.0 48	
1967	168.0 54	154.0 54	133.0 55	122.0 52	86.0 53	54.0 54	41.0 54	33.0 54	23.0 53	
1968	380.0 33	377.0 29	365.0 24	302.0 23	218.0 25	126.0 31	92.0 31	75.0 30	53.0 31	
1969	204.0 50	199.0 50	183.0 48	179.0 43	155.0 39	102.0 37	79.0 37	64.0 36	47.0 36	
1970	420.0 29	418.0 24	395.0 21	334.0 18	240.0 19	149.0 24	109.0 25	87.0 25	61.0 23	
1971	195.0 52	184.0 51	154.0 51	147.0 50	130.0 44	93.0 40	71.0 40	59.0 39	43.0 39	
1972	96.0 57	93.0 57	85.0 57	70.0 57	59.0 55	44.0 55	35.0 55	29.0 55	20.0 55	
1973	440.0 27	387.0 27	348.0 25	302.0 24	291.0 10	194.0 10	138.0 11	108.0 12	74.0 15	
1974	293.0 41	244.0 45	234.0 39	184.0 41	145.0 42	91.0 42	67.0 41	56.0 41	40.0 41	
1975	470.0 21	457.0 19	425.0 15	356.0 14	251.0 18	156.0 18	113.0 21	89.0 22	62.0 21	

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

MEAN KANNAH CREEK NEAR WHITEWATER, CO.										
YEAR	1	3	7	14	30	60	90	120	183	
1919	4.00 47	4.00 46	4.00 44	4.00 44	4.40 43	5.50 44	6.50 44	7.50 44	8.50 43	
1920	1.50 36	4.20 47	4.60 46	5.50 46	6.10 46	7.10 45	7.70 45	8.30 46	9.60 45	
1921	2.00 38	2.00 36	2.00 33	2.20 31	2.90 33	4.50 41	5.20 41	6.10 42	7.10 40	
1924	7.00 53	8.00 51	8.00 51	8.00 50	8.50 54	8.70 50	8.80 49	9.00 48	10.00 49	
1925	6.00 51	7.00 49	7.00 48	7.50 48	7.80 47	8.10 48	8.60 48	9.00 49	9.90 46	
1926	5.00 49	8.00 52	8.00 52	8.00 51	8.40 51	8.70 49	8.90 50	9.20 50	12.00 50	
1927	8.00 54	8.00 53	8.00 53	8.00 52	8.30 50	8.80 51	9.00 51	9.30 51	10.00 47	
1928	5.00 50	8.00 54	8.00 54	8.00 53	8.00 48	8.00 47	8.30 47	8.80 47	13.00 52	
1929	9.00 55	11.00 55	11.00 55	11.00 55	11.00 55	11.00 55	12.00 55	12.00 54	14.00 53	
1930	7.00 52	7.00 50	7.60 49	7.80 49	8.50 52	10.00 54	11.00 54	12.00 55	22.00 55	
1931	3.00 43	3.00 42	3.00 41	3.00 39	3.00 34	3.50 33	4.20 37	4.70 38	7.90 42	
1932	2.00 39	2.00 37	2.80 39	2.80 36	3.10 35	3.60 34	3.70 32	4.00 31	6.10 35	
1933	4.00 48	5.70 48	7.90 50	8.50 54	8.50 53	8.80 52	9.20 52	9.50 52	10.00 48	
1934	2.50 42	2.50 40	2.50 36	2.50 33	2.50 28	2.50 25	2.70 25	2.90 23	3.80 21	
1935	0.50 15	0.50 15	0.50 13	0.50 10	0.50 9	0.65 9	0.81 9	1.00 9	1.40 5	

09152000 KANNAH CREEK NEAR WHITEWATER, 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
KANNAH CREEK NEAR WHITEWATER, CO.

YEAR	1	3	7	14	30	60	90	120	182
1936	0.90 27	0.90 23	1.00 24	1.10 19	1.19 15	1.40 14	1.70 14	2.00 14	2.60 12
1937	0.50 16	0.70 19	0.76 19	0.78 14	0.79 11	0.89 11	1.10 11	1.40 12	1.80 8
1938	0.50 17	0.80 21	1.10 25	1.30 22	1.60 20	1.70 17	1.80 15	2.10 15	2.60 13
1939	0.50 18	0.77 20	0.93 21	2.00 30	2.60 29	2.70 28	2.80 26	2.90 24	4.80 27
1940	0.80 24	1.10 27	1.70 29	1.80 26	2.20 25	2.40 22	2.50 21	2.60 21	3.20 18
1941	1.19 32	1.50 32	2.50 37	3.10 41	3.70 39	3.90 37	4.10 35	4.40 34	5.80 34
1942	3.60 45	3.60 44	4.90 47	5.80 47	8.10 49	9.30 53	9.80 53	11.00 53	21.00 54
1943	3.80 46	3.90 45	4.10 45	4.30 45	4.50 44	4.70 43	5.30 43	5.90 41	6.80 37
1944	3.20 44	3.40 43	3.60 43	3.90 43	4.00 42	4.20 39	4.30 38	4.50 35	5.80 35
1945	1.50 37	2.60 41	3.10 42	3.40 42	3.70 40	3.80 35	4.10 36	4.50 36	5.30 31
1946	0.20 5	0.40 11	0.60 14	1.90 27	2.10 24	2.50 23	3.00 27	3.70 27	4.80 28
1947	2.30 41	2.40 39	2.50 38	2.60 34	2.80 30	3.00 29	3.50 29	3.90 30	5.20 29
1948	1.19 33	1.60 33	2.20 34	2.30 32	2.80 31	4.10 38	5.20 42	6.40 43	7.00 39
1949	2.20 40	2.20 38	2.50 35	3.00 40	3.10 36	3.40 32	3.60 30	3.80 28	4.20 25
1950	1.30 34	1.60 34	1.90 31	2.90 37	3.60 38	4.30 40	5.00 40	5.40 40	7.20 41
1951	0.50 19	0.97 24	1.00 22	1.00 15	1.50 18	1.90 18	2.30 18	2.50 20	2.80 15
1952	1.10 29	1.19 29	1.40 27	1.70 24	2.00 23	3.20 30	3.60 31	3.80 29	3.80 22
1953	1.10 30	1.30 30	2.00 32	2.70 35	3.50 37	3.80 36	4.00 34	4.30 32	4.40 26
1954	0.90 25	1.00 25	1.60 28	1.90 28	2.30 26	2.50 24	2.60 22	2.90 25	3.50 19
1955	1.19 31	1.70 35	2.70 40	3.00 38	4.00 41	4.60 42	4.80 39	4.70 37	5.30 32
1956	0.30 11	0.40 12	0.63 15	0.76 12	0.79 12	0.99 13	1.19 13	1.50 13	2.10 10
1957	0.20 6	0.20 5	0.20 3	0.20 3	0.21 3	0.26 2	0.30 2	0.43 3	0.64 2
1958	0.40 14	0.40 13	0.49 12	2.00 29	5.60 45	7.80 46	8.00 46	8.00 45	12.00 51
1959	1.40 35	1.50 31	1.80 30	1.80 25	1.90 21	2.10 20	2.30 19	2.40 19	3.80 23
1960	0.10 1	0.10 1	0.10 1	0.11 2	0.20 2	0.28 3	0.34 4	0.46 5	1.10 4
1961	0.10 2	0.10 2	0.10 2	0.10 1	0.11 1	0.14 1	0.21 1	0.37 1	1.00 3
1962	0.60 21	0.67 18	0.74 18	0.76 13	0.86 13	0.97 12	1.10 12	1.30 10	3.10 16
1963	0.20 7	0.27 7	0.34 8	0.37 8	0.44 7	0.60 7	0.59 7	0.74 7	2.00 9
1964	0.20 8	0.20 6	0.23 5	0.26 5	0.32 5	0.34 5	0.37 5	0.43 2	0.57 1
1965	0.30 9	0.33 9	0.43 10	0.48 9	0.50 8	0.60 8	0.75 8	0.81 8	1.50 6
1966	0.60 22	0.63 17	0.69 17	1.00 16	2.90 32	3.20 31	3.90 33	4.90 39	6.90 38
1967	0.10 3	0.17 3	0.24 6	0.31 6	0.37 6	0.43 6	0.44 6	0.58 6	2.60 14
1968	0.20 4	0.20 4	0.21 4	0.23 4	0.27 4	0.30 4	0.33 3	0.44 4	1.80 7
1969	0.38 13	0.41 14	0.49 11	1.10 17	1.50 19	1.90 19	2.30 20	2.30 18	3.50 20
1970	0.70 23	0.82 22	0.88 20	1.19 20	1.90 22	2.40 21	2.60 23	2.80 22	4.20 24
1971	1.00 28	1.10 28	1.10 26	1.19 21	1.40 17	1.50 15	1.80 16	2.20 17	5.70 33
1972	0.56 20	0.58 16	0.63 16	0.64 11	0.72 10	0.81 10	0.89 10	1.30 11	2.20 11
1973	0.30 10	0.30 8	0.32 7	0.36 7	0.91 14	2.60 26	3.20 28	4.40 33	9.20 44
1974	0.34 12	0.34 10	0.38 9	1.50 23	2.30 27	2.60 27	2.70 24	3.00 26	5.20 30
1975	0.90 26	1.00 26	1.00 23	1.10 18	1.30 16	1.50 16	1.80 17	2.10 16	3.20 17

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
10.1	7.45	5.05	4.09	4.19	4.83	19.1	154	111	27.7	19.6	13.3
89.8	37.9	13.8	9.13	9.55	11.3	229	5083	11350	132	106	114
9.48	6.16	3.72	3.02	3.09	3.36	15.1	71.3	107	11.5	10.3	10.7
2.98	2.04	0.91	0.64	0.69	0.63	1.32	0.15	2.05	0.78	1.32	2.25
0.93	0.83	0.74	0.74	0.74	0.70	0.79	0.46	0.96	0.41	0.53	0.81
2.66	1.96	1.33	1.07	1.10	1.27	5.03	40.6	29.1	7.28	5.15	3.48

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
0.87	0.74	0.56	0.44	0.45	0.55	1.14	2.13	1.88	1.40	1.23	0.99
0.13	0.12	0.15	0.21	0.22	0.14	0.15	0.06	0.15	0.04	0.08	0.13
0.37	0.35	0.39	0.46	0.47	0.38	0.39	0.24	0.39	0.20	0.28	0.36
-0.41	-0.25	-0.59	-0.90	-1.12	-0.76	-0.56	-0.64	0.08	-0.68	-1.87	-0.69
0.42	0.47	0.70	1.05	1.06	0.69	0.34	0.11	0.21	0.14	0.22	0.36
6.99	6.01	4.54	3.54	3.60	4.46	9.19	17.2	15.2	11.3	9.90	8.03

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
31.9	228	15.1	0.89	0.47	0.440

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.45	0.05	0.21	-0.34	0.15	0.278

GUNNISON RIVER BASIN

09152500 GUNNISON RIVER NEAR GRAND JUNCTION, COLO.

LOCATION.--Lat 38°59'00", long 108°27'00", at center of sec.14, T.2 S., R.1 E., Ute Meridian, Mesa County, on right bank 180 ft (55 m) upstream from bridge on State Highway 141, 0.4 mi (0.6 km) downstream from Whitewater Creek, 0.5 mi (0.8 km) south of Whitewater, and 8 mi (13 km) southeast of Grand Junction.

DRAINAGE AREA.--7,928 mi² (20,534 km²).

REMARKS.--Records show flow that enters Colorado River from Gunnison River basin except for about 60 ft³/s (1.7 m³/s) diverted below gage during irrigation season. Natural flow of river affected by Blue Mesa Reservoir (capacity, 829,600 acre-ft or 1,020 hm³) since Oct. 26, 1965, Morrow Point Reservoir (capacity 121,200 acre-ft or 149 hm³) since Jan. 24, 1968, diversions for irrigation of about 233,000 acres (943 km²) above station, and return flow from irrigated areas. Taylor Park Reservoir (capacity, 106,200 acre-ft or 131 hm³), in headwaters, has little effect on this station. Statistical summaries are shown for two periods, water years 1904-6, 1918-25, 1927-31, 1935-65 and water years 1969-75.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
GUNNISON RIVER NEAR GRAND JUNCTION, CO.

Table with columns for CLASS YEAR (0-34) and rows for years 1904 to 1965. The table contains numerical data representing discharge values for each day of the year.

Summary table with columns: CLASS, VALUE, TOTAL, ACCUM, PERCT. It provides cumulative discharge statistics for each class from 0 to 11.

09152500 GUNNISON RIVER NEAR GRAND JUNCTION, 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
GUNNISON RIVER NEAR GRAND JUNCTION, CO.

YEAR	1	3	7	15	30	60	90	120	183
1904	8630.0 38	8080.0 39	7500.0 38	6910.0 38	6050.0 39	5240.0 37	4370.0 37	3570.0 37	2760.0 37
1905	28100.0 3	26500.0 4	26000.0 3	23100.0 2	20900.0 2	14900.0 3	11200.0 6	8910.0 7	6230.0 9
1906	21900.0 10	21400.0 9	20300.0 7	18000.0 6	17700.0 5	14800.0 4	11900.0 3	9800.0 3	7050.0 4
1918	16900.0 20	16800.0 20	15800.0 20	13900.0 18	11400.0 22	10200.0 19	7850.0 22	6440.0 21	4610.0 21
1919	11200.0 33	10800.0 33	10200.0 33	9870.0 29	8370.0 32	7240.0 30	5920.0 28	4980.0 27	3700.0 28
1920	35200.0 1	32300.0 1	30900.0 1	28300.0 1	23700.0 1	17800.0 1	13400.0 2	10600.0 2	7380.0 2
1921	29800.0 2	28100.0 2	26300.0 2	22500.0 3	18300.0 4	14000.0 5	10900.0 7	8770.0 8	6460.0 5
1922	22200.0 9	21000.0 10	19200.0 12	17100.0 10	15100.0 9	12900.0 8	9740.0 10	7690.0 13	5380.0 15
1923	18100.0 16	17500.0 16	16100.0 16	14900.0 16	13400.0 16	11700.0 16	9330.0 16	7750.0 12	5750.0 11
1924	15000.0 25	14800.0 24	13000.0 26	12600.0 24	11500.0 21	10100.0 20	8050.0 21	6390.0 22	4510.0 22
1925	8660.0 37	8060.0 40	7220.0 41	6980.0 36	6320.0 35	5710.0 33	5270.0 32	4550.0 30	3600.0 29
1927	17700.0 18	17300.0 18	15900.0 19	13300.0 21	12100.0 17	10600.0 17	8890.0 18	7250.0 19	5560.0 12
1928	21400.0 11	20400.0 12	19100.0 13	15900.0 13	14400.0 13	12000.0 13	9390.0 15	7600.0 14	5470.0 14
1929	23100.0 7	22400.0 7	20700.0 6	19100.0 5	17600.0 5	13900.0 6	10800.0 8	9310.0 4	7290.0 3
1930	12400.0 32	11600.0 31	10300.0 32	9240.0 32	8790.0 28	7600.0 27	6940.0 23	5660.0 23	4380.0 23
1931	3760.0 47	3590.0 47	3310.0 47	3120.0 47	2760.0 47	2150.0 47	1800.0 47	1570.0 47	1390.0 47
1933	17800.0 17	17400.0 17	16000.0 17	13400.0 20	11700.0 18	7700.0 26	5660.0 30	4540.0 31	3260.0 31
1935	15800.0 22	15300.0 22	14600.0 22	12400.0 25	10200.0 27	7340.0 29	5570.0 29	4480.0 32	3200.0 32
1936	14700.0 27	14000.0 27	11700.0 28	10800.0 28	10400.0 26	8930.0 23	6930.0 21	5520.0 26	3960.0 26
1937	15100.0 24	14900.0 23	14000.0 24	12900.0 22	10500.0 24	7470.0 28	5900.0 29	4720.0 29	3390.0 30
1938	17300.0 19	16800.0 19	16400.0 15	15400.0 14	13600.0 15	11900.0 14	10200.0 9	8100.0 10	5780.0 10
1939	7800.0 42	7510.0 41	7350.0 39	6730.0 39	6190.0 36	5560.0 36	4750.0 35	3890.0 35	2900.0 35
1940	8560.0 39	8420.0 37	7920.0 36	6960.0 37	5600.0 41	4610.0 42	3530.0 42	2880.0 42	2160.0 42
1941	26200.0 5	24600.0 5	21600.0 5	17800.0 7	14500.0 11	11900.0 15	9240.0 17	7380.0 17	5300.0 17
1942	20600.0 13	19700.0 13	17600.0 14	15400.0 15	14400.0 12	12800.0 9	11200.0 4	9060.0 5	6360.0 7
1943	12900.0 31	11600.0 32	10700.0 29	9610.0 30	7610.0 33	6820.0 31	6060.0 27	4950.0 28	3910.0 27
1944	25600.0 6	24300.0 6	19800.0 8	17000.0 11	15300.0 8	12500.0 10	9430.0 14	7480.0 16	5200.0 18
1945	14800.0 26	14600.0 25	13900.0 25	12300.0 26	10400.0 25	8620.0 24	6730.0 26	5650.0 24	4030.0 25
1946	8940.0 36	8690.0 35	8470.0 34	7820.0 34	5450.0 42	4900.0 41	4090.0 39	3350.0 39	2510.0 39
1947	13500.0 28	11800.0 30	10600.0 30	9530.0 31	8610.0 31	8030.0 25	6750.0 25	5560.0 25	4160.0 24
1948	21000.0 12	20800.0 11	19300.0 11	16400.0 12	14700.0 12	12300.0 12	9720.0 11	7750.0 11	5520.0 13
1949	18500.0 15	18000.0 15	16000.0 18	13900.0 17	11000.0 23	9390.0 21	8400.0 20	6840.0 20	4880.0 20
1950	7920.0 41	7450.0 42	6850.0 43	6250.0 43	6130.0 37	5570.0 35	4780.0 34	3930.0 34	2930.0 33
1951	9790.0 34	9290.0 34	8160.0 35	6620.0 40	6050.0 38	5070.0 39	3880.0 41	3150.0 41	2370.0 41
1952	22300.0 8	21400.0 8	19500.0 9	17400.0 9	14100.0 14	13700.0 7	11200.0 5	8930.0 6	6380.0 6
1953	13200.0 29	12400.0 29	10500.0 31	9050.0 33	8630.0 30	5640.0 34	4330.0 38	3550.0 38	2670.0 38
1954	3220.0 48	3040.0 48	2680.0 48	2300.0 48	1820.0 48	1540.0 48	1270.0 48	1150.0 48	1030.0 48
1955	7790.0 43	6450.0 44	5810.0 45	4970.0 45	4340.0 45	4040.0 43	3300.0 43	2710.0 43	2050.0 43
1956	8330.0 40	8110.0 38	7830.0 37	7140.0 35	6320.0 34	5180.0 38	4070.0 40	3300.0 40	2440.0 40
1957	27400.0 4	26900.0 3	25700.0 4	22100.0 4	20200.0 3	16000.0 2	13600.0 1	11200.0 1	8010.0 1
1958	19800.0 14	19500.0 14	19300.0 10	17500.0 8	16000.0 7	12400.0 11	9530.0 13	7510.0 15	5330.0 16
1959	6480.0 45	6330.0 45	6000.0 44	5570.0 44	4400.0 44	3530.0 45	2690.0 45	2220.0 45	1770.0 45
1960	8990.0 35	8450.0 36	7340.0 40	6480.0 41	5860.0 40	5050.0 40	4830.0 33	4030.0 33	2920.0 34
1961	7390.0 44	7210.0 43	6950.0 42	6310.0 42	5310.0 43	3990.0 44	3030.0 44	2490.0 44	1980.0 44
1962	16500.0 21	15800.0 21	15300.0 21	12700.0 23	11700.0 19	9310.0 22	8540.0 19	6970.0 19	4920.0 19
1963	4730.0 46	4440.0 46	4060.0 46	3600.0 46	3230.0 45	2430.0 46	2320.0 46	1950.0 46	1610.0 46
1964	13000.0 30	12500.0 28	12400.0 27	11100.0 27	8690.0 29	6140.0 32	4640.0 36	3820.0 36	2880.0 36
1965	15300.0 23	14600.0 26	14300.0 23	13700.0 19	11700.0 20	10600.0 18	9700.0 12	8420.0 9	6290.0 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
GUNNISON RIVER NEAR GRAND JUNCTION, CO.

YEAR	1	3	7	14	30	60	90	120	183
1904	510.00 27	550.00 29	592.00 28	622.00 26	637.00 21	709.00 20	714.00 13	736.00 10	782.00 7
1905	560.00 33	560.00 31	560.00 24	560.00 20	560.00 15	613.00 12	657.00 10	685.00 6	836.00 14
1906	720.00 43	733.00 42	742.00 42	790.00 42	903.00 44	928.00 39	952.00 36	976.00 35	991.00 32
1918	505.00 26	548.00 28	665.00 33	678.00 31	787.00 36	842.00 30	905.00 33	913.00 27	923.00 22
1919	275.00 7	283.00 5	308.00 5	384.00 10	692.00 26	845.00 31	881.00 29	966.00 33	1020.00 35
1920	326.00 12	326.00 12	369.00 11	421.00 11	513.00 12	649.00 17	801.00 22	884.00 24	908.00 21
1921	480.00 25	486.00 22	528.00 22	586.00 22	625.00 19	868.00 34	1010.00 40	1080.00 42	1070.00 37
1922	610.00 37	632.00 35	672.00 34	733.00 36	774.00 33	882.00 36	1010.00 41	1070.00 40	1070.00 38
1923	448.00 21	448.00 20	459.00 20	464.00 15	475.00 9	572.00 9	687.00 12	775.00 13	823.00 11
1924	708.00 42	715.00 41	721.00 40	780.00 40	871.00 41	935.00 41	953.00 37	983.00 37	1220.00 42
1925	160.00 2	161.00 2	167.00 2	175.00 2	224.00 2	321.00 2	485.00 3	720.00 9	833.00 13
1927	327.00 13	329.00 13	342.00 8	355.00 6	388.00 4	601.00 10	848.00 27	938.00 31	957.00 28
1928	1010.00 47	1030.00 47	1110.00 47	1120.00 47	1160.00 47	1220.00 47	1260.00 47	1300.00 47	1550.00 46
1929	422.00 20	422.00 18	451.00 19	567.00 21	603.00 18	721.00 21	840.00 24	976.00 34	955.00 27
1930	750.00 45	750.00 44	767.00 43	782.00 41	810.00 37	897.00 38	1070.00 44	1130.00 44	1500.00 45
1931	477.00 24	506.00 25	595.00 29	592.00 33	764.00 30	940.00 42	980.00 39	1010.00 38	1090.00 39
1935	106.00 1	112.00 1	116.00 1	131.00 1	147.00 1	158.00 1	175.00 1	198.00 1	292.00 1
1936	288.00 8	306.00 8	390.00 13	528.00 19	779.00 34	795.00 26	796.00 21	826.00 18	886.00 17
1937	420.00 19	448.00 21	501.00 21	595.00 23	684.00 25	749.00 23	789.00 19	849.00 21	845.00 15
1938	211.00 3	217.00 3	239.00 3	272.00 4	410.00 7	502.00 5	562.00 5	693.00 8	792.00 8
1939	524.00 30	526.00 26	561.00 25	531.00 27	834.00 39	1010.00 44	1030.00 42	1070.00 41	1140.00 40
1940	307.00 10	321.00 10	350.00 9	363.00 9	511.00 11	547.00 7	728.00 15	755.00 12	806.00 10

GUNNISON RIVER BASIN

09152500 GUNNISON RIVER NEAR GRAND JUNCTION, 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
GUNNISON RIVER NEAR GRAND JUNCTION, CO.

YEAR	1	3	7	14	30	60	90	120	183
1941	306.00 9	315.00 9	323.00 6	349.00 5	403.00 5	483.00 4	568.00 6	798.00 16	862.00 16
1942	577.00 35	609.00 34	702.00 39	719.00 35	853.00 40	1130.00 45	1170.00 45	1220.00 45	1690.00 47
1943	630.00 38	673.00 39	678.00 36	759.00 38	853.00 40	866.00 32	885.00 30	904.00 25	938.00 26
1944	673.00 41	735.00 43	779.00 44	793.00 43	816.00 38	830.00 29	847.00 26	883.00 23	984.00 31
1945	522.00 29	655.00 37	673.00 35	691.00 32	730.00 27	784.00 24	841.00 25	904.00 26	935.00 24
1946	549.00 31	565.00 32	603.00 30	660.00 30	770.00 32	884.00 37	901.00 31	926.00 29	1000.00 34
1947	561.00 34	570.00 33	614.00 32	716.00 34	733.00 28	785.00 25	791.00 20	845.00 20	936.00 25
1948	637.00 39	694.00 40	728.00 41	822.00 44	877.00 42	949.00 43	1030.00 43	1090.00 43	1300.00 43
1949	520.00 28	547.00 27	612.00 31	647.00 29	756.00 29	866.00 33	903.00 32	981.00 36	958.00 29
1950	657.00 40	671.00 38	698.00 38	739.00 37	787.00 35	874.00 35	923.00 34	937.00 30	996.00 33
1951	390.00 17	427.00 19	443.00 17	500.00 18	537.00 13	614.00 13	633.00 8	646.00 3	748.00 4
1952	380.00 15	397.00 15	443.00 18	498.00 17	628.00 20	686.00 18	731.00 16	792.00 15	794.00 9
1953	740.00 44	778.00 45	795.00 45	864.00 45	895.00 43	930.00 40	970.00 38	1020.00 39	1050.00 36
1954	550.00 32	553.00 30	571.00 26	609.00 24	682.00 24	731.00 22	770.00 18	789.00 14	890.00 18
1955	272.00 6	286.00 7	352.00 10	358.00 8	405.00 6	560.00 8	561.00 4	657.00 4	756.00 5
1956	308.00 11	322.00 11	372.00 12	436.00 13	584.00 16	604.00 11	654.00 9	682.00 5	762.00 6
1957	234.00 4	237.00 4	246.00 4	259.00 3	308.00 3	373.00 3	421.00 2	459.00 2	596.00 2
1958	758.00 46	821.00 46	871.00 46	933.00 46	1050.00 46	1140.00 46	1200.00 46	1290.00 46	1430.00 44
1959	456.00 23	493.00 23	529.00 23	619.00 25	639.00 22	690.00 19	751.00 17	804.00 17	902.00 19
1960	256.00 5	285.00 6	327.00 7	357.00 7	450.00 8	638.00 15	676.00 11	831.00 19	932.00 23
1961	394.00 18	413.00 17	417.00 15	432.00 12	483.00 10	545.00 6	580.00 7	686.00 7	736.00 3
1962	356.00 14	375.00 14	424.00 16	446.00 14	547.00 14	632.00 14	863.00 28	916.00 28	1150.00 41
1963	450.00 22	500.00 24	579.00 27	636.00 28	678.00 23	818.00 28	923.00 35	950.00 32	967.00 30
1964	390.00 16	404.00 16	416.00 14	476.00 16	594.00 17	646.00 16	726.00 14	740.00 11	826.00 12
1965	610.00 36	643.00 36	693.00 37	762.00 39	767.00 31	804.00 27	839.00 23	872.00 22	907.00 20

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1170	1188	971	873	922	1077	3120	8605	8315	2505	1306	1154
257300	83290	29550	18810	28620	73810	322000	1730000	1888000	4214000	683000	618900
507	289	172	137	169	272	1794	4159	4345	2053	826	787
1.86	0.92	0.72	0.86	0.97	0.88	1.11	0.30	0.54	2.28	1.18	2.86
0.43	0.24	0.18	0.16	0.18	0.25	0.58	0.48	0.52	0.82	0.63	0.68
3.75	3.81	3.11	2.80	2.96	3.45	10.00	27.6	26.6	8.03	4.19	3.70

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
3.03	3.06	2.98	2.94	2.96	3.02	3.42	3.88	3.85	3.28	3.03	3.00
0.03	0.01	0.01	0.00	0.01	0.01	0.06	0.06	0.08	0.11	0.07	0.05
0.18	0.10	0.08	0.07	0.08	0.10	0.25	0.24	0.28	0.34	0.27	0.23
-0.25	-0.27	-0.02	0.31	0.61	0.36	-0.07	-0.61	-1.23	-0.05	-0.05	0.61
0.06	0.03	0.03	0.02	0.03	0.03	0.07	0.06	0.07	0.10	0.09	0.08
7.89	7.97	7.75	7.64	7.70	7.85	8.91	10.1	10.0	8.52	7.89	7.79

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2604	890200	944	0.11	0.36	0.221

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
3.38	0.03	0.17	-0.48	0.05	0.225

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE-(CFS)

MEAN
GUNNISON RIVER NEAR GRAND JUNCTION, 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	
1969			4	2	3	5	1	2	16	4	11	21	19	12	15	12	33	85	40	6	6	8	8	9	5	8	12	8	3	3	2	2				
1970							1	1	1		2	4	7	24	13	37	85	57	23	13	15	5	9	6	8	3	11	4	10	9	7	6	2	2		
1971								3	2	3	3	4	1	10	12	15	25	13	27	42	77	43	45	15	15	6	1	3								
1972		16	17	11	11	11	6	6	12	8	14	16	25	36	29	40	34	33	26	10	3	2														
1973						2			8	19	27	17	32	27	31	10	21	25	34	22	16	12	3	5	9	3	5	4	4	3	6	7	8	5		
1974			7	20	29	18	8	6	9	3	15	14	6	18	15	17	35	16	10	13	36	42	12	4	5	2	1	3	1							
1975				4	20	20	15	20	12	30	37	31	52	22	7	6	3	3	16	15	8	4	3	3	4	9	12	8	1							

09152500 GUNNISON RIVER NEAR GRAND JUNCTION, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30 CONTINUED

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
GUNNISON RIVER NEAR GRAND JUNCTIDN, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.0	0	2556	100.00	12	1400.0	128	2056	80.44	24	4500.0	45	244	9.55
1	486.0	16	2556	100.00	13	1500.0	192	1928	75.43	25	4900.0	28	199	7.79
2	540.0	21	2540	99.37	14	1700.0	149	1776	69.48	26	5400.0	34	171	6.69
3	590.0	20	2519	98.55	15	1900.0	181	1627	63.65	27	6000.0	24	137	5.36
4	650.0	34	2499	97.77	16	2100.0	237	1446	56.57	28	6600.0	29	113	4.42
5	710.0	47	2465	96.44	17	2300.0	255	1209	47.30	29	7200.0	28	84	3.29
6	790.0	30	2418	94.60	18	2500.0	172	954	37.32	30	8000.0	23	56	2.19
7	870.0	40	2388	93.43	19	2800.0	106	782	30.59	31	8800.0	16	33	1.29
8	950.0	65	2348	91.86	20	3000.0	133	676	26.45	32	9600.0	10	17	0.67
9	1100.0	58	2283	89.32	21	3300.0	122	543	21.24	33	11000.0	7	7	0.27
10	1200.0	80	2225	87.05	22	3700.0	122	421	16.47	34	12000.0	0	0	0.00
11	1300.0	89	2145	83.92	23	4100.0	55	299	11.70					

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

DISCHARGE-(CFS)

MEAN
GUNNISON RIVER NEAR GRAND JUNCTION, CO.

YEAR	1	3	7	15	30	60	90	120	183									
1969	9460.00	3	8920.00	3	7870.00	4	7210.00	4	6380.00	4	5310.00	4	4620.00	4	4080.00	4	3330.00	6
1970	11100.00	2	10600.00	2	8980.00	2	8140.00	2	7330.00	3	6900.00	2	5640.00	2	4800.00	2	3930.00	1
1971	6260.00	6	5930.00	6	5590.00	6	4950.00	6	4560.00	6	4190.00	5	4000.00	5	3860.00	5	3690.00	3
1972	3460.00	7	3290.00	7	3040.00	7	2850.00	7	2500.00	7	2280.00	7	2230.00	7	2150.00	7	2040.00	7
1973	11900.00	1	11700.00	1	10900.00	1	10000.00	1	8580.00	1	7320.00	1	5800.00	1	4960.00	1	3810.00	2
1974	7260.00	5	7050.00	5	6480.00	5	5620.00	5	4660.00	5	3820.00	6	3660.00	6	3540.00	6	3340.00	5
1975	8830.00	4	8750.00	4	8520.00	3	7980.00	3	7660.00	2	6180.00	3	5290.00	3	4420.00	3	3500.00	4

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

DISCHARGE-(CFS)

MEAN
GUNNISON RIVER NEAR GRAND JUNCTION, CO.

YEAR	1	3	7	14	30	60	90	120	183									
1970	832.00	5	609.00	4	981.00	4	1210.00	4	1300.00	3	1430.00	3	1650.00	3	1880.00	3	2000.00	3
1971	1200.00	6	1280.00	6	1400.00	6	1470.00	6	1620.00	5	1900.00	6	2390.00	6	2550.00	6	2690.00	6
1972	754.00	4	938.00	5	1050.00	5	1300.00	5	1760.00	6	1840.00	5	1910.00	5	1970.00	5	2040.00	4
1973	486.00	1	488.00	1	505.00	1	539.00	1	552.00	1	598.00	1	779.00	1	952.00	1	1260.00	1
1974	690.00	3	705.00	3	752.00	3	811.00	3	1480.00	4	1650.00	4	1780.00	4	1930.00	4	2180.00	5
1975	590.00	2	624.00	2	649.00	2	667.00	2	683.00	2	760.00	2	861.00	2	976.00	2	1280.00	2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
2003.00	2183.00	2418.00	2515.00	2288.00	2388.00	2800.00	5053.00	4344.00	1868.00	1388.00	1880.00
374100.00	173600.00	152000.00	384800.00	1067000.00	859400.00	2152000.00	3907000.00	4698000.00	834700.00	420200.00	553900.00
612.00	417.00	390.00	620.00	1033.00	927.00	1467.00	1977.00	2167.00	914.00	648.00	744.00
0.83	-0.04	-0.28	0.83	0.91	0.68	0.76	-0.53	0.25	-0.40	0.29	1.15
0.31	0.19	0.16	0.25	0.45	0.39	0.52	0.39	0.50	0.49	0.47	0.40
6.44	7.01	7.77	8.08	7.35	7.67	8.99	16.20	14.00	6.00	4.46	6.04

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
3.29	3.33	3.38	3.39	3.32	3.35	3.40	3.67	3.59	3.21	3.10	3.25
0.02	0.01	0.01	0.01	0.03	0.03	0.05	0.04	0.05	0.07	0.05	0.03
0.13	0.09	0.07	0.10	0.19	0.17	0.23	0.21	0.23	0.27	0.22	0.16
0.39	-0.70	-0.60	0.57	0.57	0.20	-0.03	-1.22	-0.15	-0.92	-0.33	0.43
0.04	0.03	0.02	0.03	0.06	0.05	0.07	0.06	0.07	0.08	0.07	0.05
8.16	8.28	8.39	8.42	8.26	8.32	8.43	9.11	8.91	7.97	7.69	8.06

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2594.00	255500.00	505.00	-1.05	0.19	-0.340

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
3.41	0.01	0.09	-1.47	0.03	-0.357

COLORADO RIVER MAIN STEM

09153000 COLORADO RIVER NEAR FRUITA, COLO.

LOCATION.--Lat 39°08'15", long 108°43'49", in sec.20, T.1 N., R.2 W., Ute Meridian, Mesa County, at highway bridge 1.6 mi (2.6 km) upstream from Little Salt Wash, and 1.5 mi (2.4 km) south of Fruita.

DRAINAGE AREA.--17,046 mi² (44,149 km²).

REMARKS.--Natural flow of stream affected by transmountain diversions, 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

COLORADO RIVER NEAR FRUITA, CO.

Table with columns: CLASS YEAR, 0-34, and rows for years 1912-1923. It shows the number of days in each class for each year.

Table with columns: CLASS, VALUE, TOTAL, ACCUM, PERCT, and rows for years 0-11. It shows cumulative discharge statistics.

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 RIVER NEAR FRUITA, CO.

Table with columns: YEAR, 1, 3, 7, 15, 30, 60, 90, 120, 183, and rows for years 1912-1923. It shows highest mean discharge values for various durations.

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 RIVER NEAR FRUITA, CO.

Table with columns: YEAR, 1, 3, 7, 14, 30, 60, 90, 120, 183, and rows for years 1913-1923. It shows lowest mean discharge values for various durations.

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

Table with columns: OCT, NOV, DEC, JAN, FEB, MARCH, APRIL, MAY, JUNE, JULY, AUG, SEPT. It shows monthly statistics including mean, variance, standard deviation, skewness, and coefficient of variation.

09153000 COLORADO RIVER NEAR FRUITA, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
3.56	3.51	3.43	3.40	3.41	3.53	3.83	4.39	4.51	4.07	3.69	3.52
0.03	0.00	0.00	0.00	0.00	0.01	0.02	0.02	0.03	0.04	0.04	0.01
0.17	0.05	0.04	0.03	0.04	0.09	0.13	0.13	0.18	0.20	0.19	0.12
0.41	-0.24	1.01	-1.06	-0.10	0.23	-0.22	-0.41	-1.00	-0.31	-0.26	-0.81
0.05	0.01	0.01	0.01	0.01	0.03	0.03	0.03	0.04	0.05	0.05	0.03
7.94	7.82	7.65	7.59	7.60	7.86	8.53	9.79	10.1	9.07	8.23	7.85

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
9002	3783000	1945	-0.44	0.22	-0.403

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
3.94	0.01	0.10	-0.62	0.03	-0.408

09163500 COLORADO RIVER NEAR COLORADO-UTAH STATE LINE

LOCATION.--Lat 39°10'00", long 108°57'26", in SE¼SE¼ sec.23, T.10 S., R.104 W., Mesa County, on right bank 4.8 mi (7.7 km) downstream from Salt Creek, 6.3 mi (10.1 km) southwest of Mack, Colo., and 7.2 mi (11.6 km) upstream from Colorado-Utah State line.

DRAINAGE AREA.--17,764 mi² (46,009 km²).

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs, power developments, and diversions for irrigation. (Records include all return flow from irrigated areas.)

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN COLORADO RIVER NEAR COLORADO-UTAH STATE LINE

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																																							
1952						10	60	58	57	19	12	12	15	16	8	6	3	3	1	3	3	4	10	7	9	8	6	10	8	9	4	5								
1953						12	20	65	75	61	32	12	15	6	9	8	6	3	4	2	1	2	2	4	4	5	9	4	2	2										
1954	3	4	10	5	8	22	71	66	49	57	30	11	5	3	2	6	4	4	2	2	1																			
1955					12	4	38	71	47	44	31	15	15	11	7	5	7	7	9	11	7	13	3	7	1															
1956	5	5	23	15	11	36	40	72	38	15	13	12	8	8	4	4	5	6	3	2	8	1	4	7	5	7	7	2												
1957					14	28	50	49	36	31	5	2	3	5	11	12	7	6	3	3	7	1	7	11	12	8	7	5	6	6	10	11	8	1						
1958					8	5	8	15	16	27	25	40	53	37	29	16	5	4	1	4	7	4	4	3	8	4	3	2	10	4	3	8	11	1						
1959					6	7	17	18	53	82	55	43	10	5	4	8	4	1	7	6	3	7	5	7	3	7	3													
1960	1	16	12	10	6	43	57	38	19	17	32	20	6	8	5	5	9	7	4	13	6	8	8	11	5															
1961					1	18	12	25	46	80	59	33	10	10	8	6	7	9	5	3	6	3	8	1	7	4	4													
1962					2	1	11	19	26	33	59	38	24	23	9	19	5	2	2	2	3	2	5	11	17	18	18	8	3	4	1									
1963	2	2	6	7	13	13	30	53	38	34	37	42	31	12	13	4	10	6	7	4	1																			
1964					2	30	70	54	29	36	34	26	15	7	8	1	3	3	3	7	3	6	4	11	1	4	2	7												
1965					4	31	74	41	24	10	9	21	14	7	17	4	2	4	4	17	7	13	11	20	9	5	6	5	6											
1966					11	11	27	42	42	21	50	34	33	27	21	13	7	8	5	7	3	3																		
1967					2	9	12	58	74	47	43	31	17	13	3	9	3	4	1	8	4	13	3	8	2	1														
1968					34	60	62	58	38	12	18	9	14	13	8	2	4	6	2	6	11	3	4	2																
1969					1	5	19	23	25	90	71	19	16	6	8	5	11	14	19	12	12	8	1																	
1970								5	26	71	94	43	37	9	2	5	4	4	8	3	5	5	12	14	8	7	3													
1971								2	3	8	15	26	82	87	32	11	14	14	13	17	3	10	14	13	1															
1972					3	6	25	14	15	15	39	87	81	26	12	2	2	1	11	7	4	2	9	5																
1973								1	24	64	57	46	56	16	11	7	2	5	5	13	1	5	12	16	10	3	7	4												
1974					10	18		2	5	21	39	30	40	77	39	14	3	2	6	6	19	12	8	8	3	3														
1975								9	9	36	73	87	40	5	8	12	7	5	5	2	8	2	16	20	10	7	4													

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	8766	100.0	12	3700.0	778	4143	47.3	24	16000	160	688	7.8
1	960.00	10	8766	100.0	13	4200.0	654	3365	38.4	25	18000	153	528	6.0
2	1100.00	12	8756	99.9	14	4800.0	489	2711	30.9	26	21000	107	375	4.2
3	1200.00	70	8744	99.7	15	5400.0	359	2222	25.3	27	24000	88	268	3.0
4	1400.00	85	8674	99.0	16	6100.0	226	1863	21.3	28	27000	49	180	2.0
5	1600.00	152	8589	98.0	17	6900.0	133	1637	18.7	29	30000	36	131	1.4
6	1800.00	327	8437	96.2	18	7800.0	118	1504	17.2	30	34000	34	95	1.0
7	2000.00	675	8110	92.5	19	8800.0	143	1386	15.8	31	39000	31	61	.6
8	2300.00	960	7435	84.8	20	10000.0	110	1243	14.2	32	44000	16	30	.3
9	2600.00	818	6475	73.9	21	11000.0	202	1133	12.9	33	49000	13	14	.1
10	2900.00	765	5657	64.5	22	13000.0	81	931	10.6	34	56000	1	1	
11	3300.00	749	4892	55.8	23	14000.0	162	850	9.7					

09163500 COLORADO RIVER NEAR COLORADO-UTAH STATE LINE--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
COLORADO RIVER NEAR COLORADO-UTAH STATE LINE

YEAR	1	3	7	15	30	60	90	120	183
1952	51400.0 2	50700.0 2	49500.0 2	45400.0 2	37000.0 2	33800.0 2	27700.0 2	22300.0 2	16100.0 2
1953	35600.0 6	34300.0 6	30600.0 6	26000.0 7	24300.0 7	16200.0 9	12400.0 10	10300.0 12	7730.0 13
1954	11200.0 23	10600.0 24	9630.0 24	8360.0 24	6680.0 24	4970.0 24	4300.0 24	3840.0 24	3350.0 24
1955	16400.0 21	15000.0 21	14700.0 21	12800.0 21	11000.0 21	10500.0 18	8650.0 18	7200.0 18	5670.0 19
1956	27600.0 9	26900.0 9	25800.0 9	24400.0 9	20800.0 9	15400.0 10	11800.0 13	9680.0 14	7150.0 14
1957	56300.0 1	55900.0 1	53200.0 1	47800.0 1	45900.0 1	37200.0 1	31200.0 1	25600.0 1	18400.0 1
1958	44200.0 3	43900.0 3	42700.0 3	40600.0 3	36100.0 3	26700.0 3	20500.0 4	16300.0 5	11800.0 5
1959	21800.0 15	21600.0 15	20400.0 15	18700.0 15	15500.0 16	12000.0 17	9130.0 17	7440.0 17	5750.0 18
1960	23600.0 13	23100.0 13	21900.0 13	19500.0 13	17600.0 13	14200.0 12	12400.0 11	10500.0 10	7760.0 12
1961	18700.0 17	18400.0 17	17800.0 17	15600.0 18	13600.0 18	9840.0 21	7450.0 21	6220.0 21	5100.0 21
1962	39200.0 4	38300.0 4	35900.0 4	29700.0 5	27100.0 5	23700.0 4	22500.0 3	18600.0 3	13600.0 3
1963	11000.0 24	10800.0 23	10100.0 23	9430.0 23	8550.0 23	6510.0 23	5530.0 23	4820.0 23	4140.0 23
1964	26600.0 10	26000.0 10	25600.0 10	21700.0 10	18100.0 11	13300.0 14	10000.0 16	8390.0 16	6440.0 16
1965	35800.0 5	35500.0 5	34600.0 5	32000.0 4	26800.0 5	23000.0 5	20200.0 5	17400.0 4	13200.0 4
1966	13700.0 22	13700.0 22	12500.0 22	10100.0 22	9460.0 22	7730.0 22	6800.0 22	6090.0 22	4940.0 22
1967	18200.0 18	17100.0 20	15800.0 19	14100.0 20	12700.0 20	10000.0 19	7930.0 19	6670.0 20	5340.0 20
1968	25200.0 12	23800.0 12	22800.0 12	19100.0 14	17300.0 14	13100.0 15	10200.0 15	8950.0 15	6950.0 15
1969	18200.0 19	17300.0 18	15500.0 20	15000.0 19	13800.0 17	12600.0 16	11800.0 12	10300.0 11	8030.0 11
1970	32300.0 8	31400.0 8	30000.0 8	28000.0 6	25000.0 6	21300.0 6	16800.0 7	13800.0 7	10700.0 6
1971	21500.0 16	21000.0 16	20800.0 14	19800.0 12	18100.0 12	15300.0 11	13400.0 9	11900.0 9	9870.0 8
1972	17700.0 20	17300.0 19	16500.0 18	15700.0 17	13300.0 19	9990.0 20	7840.0 20	6860.0 19	5860.0 17
1973	33500.0 7	31800.0 7	30100.0 7	24900.0 8	23600.0 8	20800.0 7	17100.0 6	14200.0 6	10600.0 7
1974	22400.0 14	21700.0 14	20000.0 16	17600.0 16	15800.0 15	13800.0 13	11200.0 14	9760.0 13	8240.0 10
1975	26000.0 11	24900.0 11	23000.0 11	21600.0 11	19500.0 10	17800.0 8	14800.0 8	12400.0 8	9470.0 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
COLORADO RIVER NEAR COLORADO-UTAH STATE LINE

YEAR	1	3	7	14	30	60	90	120	183
1953	2050.0 17	2160.0 17	2320.0 17	2450.0 18	2510.0 17	2600.0 14	2650.0 12	2730.0 11	2790.0 11
1954	1800.0 12	1890.0 14	1900.0 12	1930.0 11	1950.0 10	2180.0 9	2390.0 9	2430.0 8	2510.0 8
1955	1000.0 2	1030.0 2	1110.0 1	1300.0 3	1500.0 3	1820.0 3	2090.0 5	2250.0 5	2360.0 5
1956	1400.0 8	1430.0 7	1470.0 7	1520.0 7	1810.0 8	1870.0 5	2040.0 4	2220.0 4	2280.0 3
1957	960.0 1	1000.0 1	1110.0 2	1200.0 1	1310.0 1	1460.0 1	1590.0 1	1760.0 1	1920.0 1
1958	2320.0 19	2390.0 19	2410.0 19	2500.0 19	2860.0 19	3060.0 19	3250.0 18	3350.0 17	3620.0 17
1959	1200.0 5	1210.0 4	1280.0 5	1430.0 5	1680.0 5	1900.0 6	2130.0 6	2280.0 6	2440.0 6
1960	1310.0 6	1320.0 6	1350.0 6	1470.0 6	1800.0 7	2010.0 8	2370.0 8	2530.0 9	2680.0 10
1961	1190.0 4	1220.0 5	1230.0 4	1280.0 2	1400.0 2	1690.0 2	1900.0 3	2150.0 3	2280.0 4
1962	1340.0 7	1450.0 8	1500.0 8	1590.0 8	1770.0 6	1910.0 7	2630.0 11	3370.0 18	3460.0 15
1963	1800.0 13	1800.0 12	2060.0 14	2290.0 16	2410.0 15	2730.0 17	2700.0 13	2830.0 12	3270.0 13
1964	1020.0 3	1060.0 3	1200.0 3	1380.0 4	1650.0 4	1840.0 4	1880.0 2	1920.0 2	2130.0 2
1965	1870.0 15	1920.0 15	2060.0 15	2160.0 14	2260.0 14	2350.0 11	2450.0 10	2530.0 10	2570.0 9
1966	2000.0 16	2030.0 16	2170.0 16	2270.0 15	2500.0 16	2720.0 16	2960.0 17	3150.0 14	3610.0 16
1967	1620.0 10	1700.0 10	1770.0 10	1790.0 9	1920.0 9	2190.0 10	2290.0 7	2430.0 7	2440.0 7
1968	1570.0 9	1600.0 9	1640.0 9	1800.0 10	2210.0 13	2610.0 15	2760.0 14	2950.0 13	3240.0 12
1969	2200.0 18	2350.0 18	2390.0 18	2440.0 17	2550.0 18	3000.0 18	3320.0 19	3580.0 19	3710.0 18
1970	2510.0 20	2600.0 20	2760.0 20	2910.0 20	3120.0 20	3560.0 20	3980.0 21	4100.0 22	4240.0 21
1971	3200.0 23	3330.0 23	3410.0 23	3730.0 23	3860.0 23	4710.0 23	5040.0 23	5170.0 23	5160.0 23
1972	2630.0 21	2820.0 21	3140.0 21	3350.0 22	3810.0 22	3890.0 22	4000.0 22	4080.0 21	4220.0 20
1973	1700.0 11	1740.0 11	1830.0 11	1970.0 12	2120.0 12	2360.0 12	2860.0 16	3330.0 16	3820.0 19
1974	2880.0 22	3090.0 22	3160.0 22	3250.0 21	3570.0 21	3720.0 21	3840.0 20	4020.0 20	4400.0 22
1975	1850.0 14	1870.0 13	1910.0 13	1970.0 13	2100.0 11	2590.0 13	2820.0 15	3160.0 15	3360.0 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,SKWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)										
	3481	3616	3264	3084	3116	3400	5527	13810	17230	6987	3427	3182
	1295000	715800	821900	914800	1007000	1196000	9681000	44530000	86120000	39020000	3384000	1413000
	1138	846	907	956	1003	1094	3111	6673	9280	6246	1840	1189
	0.41	0.50	0.50	1.02	1.19	1.40	1.59	1.19	1.18	2.36	1.58	0.82
	0.33	0.23	0.28	0.31	0.32	0.32	0.56	0.48	0.54	0.89	0.54	0.37
	4.96	5.16	4.65	4.40	4.44	4.85	7.88	19.7	24.6	9.96	4.89	4.54

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,SKWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)										
	3.52	3.55	3.50	3.47	3.47	3.51	3.69	4.10	4.17	3.72	3.48	3.47
	0.02	0.01	0.01	0.02	0.02	0.02	0.05	0.04	0.06	0.10	0.04	0.03
	0.14	0.10	0.12	0.12	0.13	0.13	0.21	0.19	0.25	0.32	0.21	0.16
	0.01	0.23	0.19	0.61	0.57	0.66	0.63	0.42	-0.63	0.57	0.47	0.04
	0.04	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.08	0.07	0.06	0.05
	8.06	8.12	8.01	7.95	7.96	8.04	8.45	9.38	9.56	8.53	7.98	7.96

09163500 COLORADO RIVER NEAR COLORADO-UTAH STATE LINE--Continued

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN 5847	VARIANCE 4092000	STANDARD DEVIATION 2023	SKEWNESS 0.62	COEFF. OF VARIATION 0.35	SERIAL CORR -0.019
--------------	---------------------	----------------------------	------------------	-----------------------------	-----------------------

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN 3.74	VARIANCE 0.02	STANDARD DEVIATION 0.15	SKEWNESS 0.10	COEFF. OF VARIATION 0.04	SERIAL CORR 0.020
--------------	------------------	----------------------------	------------------	-----------------------------	----------------------

DOLORES RIVER BASIN

09165000 DOLORES RIVER BELOW RICO, COLO.

LOCATION.--Lat 37°38'20", long 108°03'35", Dolores County, on left bank at upstream side of Montelores bridge northwest of State Highway 145 (relocated), at Dolores-Montezuma County line, 0.5 mi (0.8 km) upstream from Ryman Creek, and 4.0 mi (6.4 km) southwest of Rico.

DRAINAGE AREA.--105 mi² (272 km²).

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
DOLORES RIVER BELOW RICO, 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																																				
1952			32	64	12	56	10		6	6	10	7	6	5	17	11	5	15	9	6	5	7	4	3	9	11	3	4	7	6	10	6	5	8	1		
1953			1	34	56	57	38		21	15	15	12	8	10	15	14	9	5	9	6	4	4	4	4	4	4	4	5	8	5	1	1					
1954			1	30	57	34	37		26	16	16	16	20	15	8	5	6	9	16	7	4	9	11	10	6	3	3										
1955			1	10	31	39	40	35		24	15	6	15	18	16	18	5	9	6	16	5	6	4	12	9	7	9	5	1	2	1						
1956				3	43	108	41	15	10	11	11	17	4	6	6	8	11	9	7	6	3	7	5	5	5	5	8	8	6	3							
1957	2	1	7	47	50	38	14	24	7	1		1	10	6	8	1	11	13	12	9	9	4	16	14	7	5	3	4	8	8	6	12	7				
1958								1	30	55	56	75	41	9	8	3	5	3	2	4	7	1	5	6	7	7	2	6	7	3	3	14	5				
1959			1	19	37	38	28	33	38	21	21	20	17	16	13	2	8	8	6	5	7	4	7	8	8												
1960			4	16	64	37	12	23	26	29	26	12	4	6	5	8	10	7	5	10	6	5	6	6	6	8	11	11	7	2							
1961	20	21	37	5	10	21	17	12	12	20	32	29	15	10	12	11	8	4	11	4	4	5	6	3	7	9	7	7	6								
1962								10	17	44	42	37	20	33	21	18	14	7	8	1	7	2	4	6	11	11	19	7	8	11	3	4					
1963			1	4	17	42	42	29	22	22	18	27	17	14	15	9	12	18	10	8	6	5	5	2	4	8	8										
1964			94	30	8	6	26	21	8	8	14	21	13	23	15	10	9	10	7	4	2	1	5	5	2	5	2	2	7	5							
1965				6	76	73	21	12	6	3			1	2	7	7	7	12	17	6	11	7	9	10	9	11	9	17	9	13	4						
1966					10	57	21	40	31	23	17	25	20	9	9	9	9	15	11	10	6	7	6	5	10	4	11										
1967			20	31	37	42	19	10	9	11	18	24	23	24	6	13	13	12	9	12	5	7	6	7	2	5											
1968			3	33	82	25	17	15	16	10	15	13	8	16	8	9	10	24	8	6	4	3	2	3	5	4	5	8	12	2							
1969			1	92	29	7	29	11	10	2	2	2	11	14	20	13	15	6	14	5	3	7	7	21	11	8	3	12	4	6							
1970				1	41	47	14	17	12	25	17	21	37	23	14	7	13	9	4	8	6	15	8	2	9	5	4	5	1								
1971					2	8	47	52	43	32	15	32	13	10	11	8	13	13	8	8	12	7	6	6	10	6	3										
1972				4	66	30	53	38	30	14	17	7	11	13	9	7	11	8	5	5	6	16	13	2	1												
1973					3	40	48	49	19	12	23	22	17	11	11	10	8	6	7	8	3	2	4	3	8	12	18	6	7	5	3						
1974			2	17	70	71	25	27	25	10	18	13	11	8	5	4	1	6	5	7	8	7	7	2	7	9											
1975			1	37	58	35	43	16	13	12	10	12	9	7	13	4	5	6	4	5	3	1	3	2	5	9	12	9	3	13	10	5					

CLASS	VALUE	TOTAL	ACCU	PERCT	CLASS	VALUE	TOTAL	ACCU	PERCT	CLASS	VALUE	TOTAL	ACCU	PERCT
0	0.00	0	8766	100.0	12	44.0	463	4019	45.8	24	330	182	1069	12.1
1	7.00	22	8766	100.0	13	53.0	369	3556	40.6	25	390	169	887	10.1
2	8.30	22	8744	99.7	14	62.0	331	3187	36.4	26	470	138	718	8.1
3	9.80	175	8722	99.5	15	74.0	324	2856	32.6	27	550	142	580	6.6
4	12.00	342	8547	97.5	16	87.0	194	2532	28.9	28	650	141	438	4.9
5	14.00	462	8205	93.6	17	100.0	226	2338	26.7	29	770	103	297	3.3
6	16.00	857	7743	88.3	18	120.0	194	2112	24.1	30	910	89	194	2.2
7	19.00	815	6886	78.6	19	140.0	253	1918	21.9	31	1100	40	105	1.1
8	23.00	562	6071	69.3	20	170.0	155	1665	19.0	32	1300	41	65	.7
9	27.00	558	5509	62.8	21	200.0	149	1510	17.2	33	1500	23	24	.2
10	32.00	514	4951	56.5	22	240.0	127	1361	15.5	34	1800	1	1	
11	38.00	418	4437	50.6	23	280.0	165	1234	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
DOLORES RIVER BELOW RICO, CO.

YEAR	1	3	7	15	30	60	90	120	183
1952	1810.0	1760.0	1660.0	1550.0	1230.0	939.0	726.0	574.0	398.0
1953	1290.0	976.0	844.0	726.0	650.0	402.0	306.0	249.0	175.0
1954	635.0	612.0	538.0	467.0	394.0	307.0	241.0	197.0	147.0
1955	942.0	888.0	722.0	569.0	505.0	397.0	298.0	246.0	176.0
1956	835.0	807.0	758.0	655.0	557.0	421.0	319.0	255.0	178.0
1957	1790.0	1660.0	1530.0	1380.0	1320.0	971.0	737.0	611.0	442.0
1958	1790.0	1700.0	1580.0	1480.0	1270.0	891.0	665.0	514.0	353.0
1959	464.0	437.0	385.0	355.0	323.0	239.0	181.0	150.0	112.0
1960	973.0	929.0	869.0	756.0	684.0	524.0	431.0	346.0	240.0

DOLOROS RIVER BASIN

09165000 DOLOROS RIVER BELOW RICO, 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
DOLOROS RIVER BELOW RICO, CO.

YEAR	1	3	7	15	30	60	90	120	183
1961	805.0 17	793.0 17	785.0 14	739.0 12	618.0 13	461.0 12	343.0 13	269.0 14	199.0 13
1962	1020.0 12	986.0 10	924.0 10	725.0 14	562.0 15	533.0 9	458.0 8	366.0 8	255.0 9
1963	646.0 20	610.0 21	570.0 19	553.0 19	445.0 20	309.0 21	245.0 21	198.0 21	151.0 19
1964	1040.0 10	974.0 12	931.0 9	837.0 9	651.0 11	408.0 16	302.0 17	249.0 16	178.0 16
1965	1160.0 9	1130.0 7	1080.0 6	988.0 6	893.0 6	750.0 6	626.0 6	537.0 4	385.0 3
1966	762.0 18	755.0 18	710.0 18	583.0 17	562.0 16	426.0 14	339.0 14	275.0 13	196.0 14
1967	594.0 23	580.0 22	555.0 20	470.0 21	393.0 22	286.0 23	227.0 23	191.0 23	150.0 20
1968	1220.0 7	1170.0 6	1080.0 7	960.0 7	864.0 7	584.0 7	442.0 9	363.0 9	256.0 8
1969	1020.0 11	1000.0 9	905.0 11	852.0 8	728.0 8	559.0 8	461.0 7	378.0 7	275.0 7
1970	1210.0 8	1010.0 8	951.0 8	825.0 10	672.0 10	489.0 11	368.0 11	298.0 11	239.0 11
1971	844.0 15	801.0 16	753.0 16	655.0 15	587.0 14	439.0 13	354.0 12	297.0 12	213.0 12
1972	660.0 19	530.0 23	476.0 23	444.0 23	393.0 23	319.0 20	251.0 19	208.0 19	149.0 21
1973	1620.0 4	1570.0 4	1450.0 4	1130.0 4	1050.0 4	910.0 3	694.0 3	545.0 3	375.0 4
1974	624.0 22	618.0 19	555.0 21	500.0 20	465.0 19	337.0 19	249.0 20	201.0 20	142.0 23
1975	1380.0 5	1340.0 5	1220.0 5	1110.0 5	1040.0 5	850.0 5	654.0 5	513.0 6	349.0 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
DOLOROS RIVER BELOW RICO, CO.

YEAR	1	3	7	14	30	60	90	120	183
1953	13.00 14	14.00 14	15.00 14	15.00 12	15.00 11	16.00 12	16.00 8	17.00 10	20.00 10
1954	13.00 15	14.00 15	15.00 15	15.00 13	15.00 12	16.00 13	17.00 14	18.00 15	21.00 11
1955	11.00 7	12.00 7	13.00 6	14.00 8	14.00 6	15.00 9	16.00 9	17.00 11	28.00 17
1956	12.00 13	13.00 12	14.00 10	15.00 14	15.00 13	16.00 10	16.00 10	16.00 8	18.00 6
1957	7.00 1	7.70 2	9.60 2	11.00 3	12.00 3	13.00 5	13.00 4	14.00 5	16.00 3
1958	22.00 23	23.00 23	24.00 22	30.00 23	31.00 23	32.00 23	35.00 23	37.00 23	42.00 22
1959	11.00 8	12.00 8	13.00 7	13.00 6	14.00 7	14.00 6	15.00 6	16.00 6	22.00 13
1960	12.00 9	13.00 13	14.00 11	15.00 15	15.00 14	17.00 14	17.00 11	18.00 12	25.00 15
1961	7.00 2	7.20 1	7.60 1	7.70 1	8.10 1	8.90 1	9.90 1	12.00 2	17.00 4
1962	16.00 18	17.00 18	18.00 18	19.00 19	20.00 19	25.00 20	26.00 20	27.00 20	37.00 18
1963	11.00 3	12.00 9	14.00 12	14.00 9	15.00 15	17.00 15	18.00 15	20.00 16	24.00 14
1964	11.00 4	11.00 3	11.00 3	11.00 2	11.00 2	11.00 2	11.00 2	11.00 1	15.00 1
1965	14.00 16	16.00 16	16.00 16	17.00 16	18.00 16	18.00 16	18.00 16	18.00 13	20.00 7
1966	16.00 17	17.00 17	18.00 17	19.00 17	19.00 17	20.00 17	21.00 17	24.00 17	38.00 19
1967	12.00 10	12.00 4	13.00 8	13.00 7	14.00 8	14.00 7	17.00 12	18.00 14	20.00 8
1968	12.00 11	13.00 10	15.00 13	15.00 10	15.00 9	15.00 8	16.00 7	16.00 7	20.00 9
1969	11.00 5	12.00 5	12.00 4	12.00 4	13.00 4	13.00 3	13.00 3	13.00 3	16.00 2
1970	18.00 20	20.00 20	20.00 20	21.00 20	21.00 20	23.00 19	23.00 19	26.00 19	40.00 20
1971	20.00 21	22.00 21	24.00 23	26.00 22	29.00 22	30.00 22	31.00 22	33.00 22	42.00 21
1972	17.00 19	19.00 19	19.00 19	19.00 18	20.00 18	21.00 18	22.00 18	24.00 18	28.00 16
1973	22.00 22	22.00 22	23.00 21	24.00 21	25.00 21	26.00 21	27.00 21	29.00 21	51.00 23
1974	12.00 12	13.00 11	14.00 9	15.00 11	15.00 10	16.00 11	17.00 13	17.00 9	21.00 12
1975	11.00 6	12.00 6	12.00 5	12.00 5	13.00 5	13.00 4	14.00 5	14.00 4	17.00 5

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
42.3	27.8	21.2	18.8	18.2	29.9	129	465	530	166	78.0	57.3
783	173	68.0	44.5	42.3	227	3679	29020	111100	30000	2684	1823
28.0	13.1	8.25	6.67	6.50	15.1	60.7	170	333	173	51.8	42.7
1.78	1.10	1.20	1.20	0.86	1.11	0.22	1.43	0.90	1.82	2.17	2.32
0.66	0.47	0.39	0.36	0.36	0.50	0.47	0.37	0.63	1.04	0.66	0.75
2.67	1.76	1.34	1.19	1.15	1.89	8.16	29.3	33.5	10.5	4.93	3.62

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.56	1.40	1.30	1.25	1.23	1.43	2.06	2.64	2.64	2.06	1.83	1.68
0.06	0.03	0.02	0.02	0.02	0.04	0.05	0.08	0.08	0.13	0.05	0.07
0.24	0.19	0.15	0.14	0.15	0.21	0.23	0.15	0.28	0.36	0.23	0.26
0.72	0.57	0.69	0.40	0.14	0.22	-0.40	0.21	-0.05	0.90	0.75	0.69
0.15	0.13	0.12	0.11	0.12	0.15	0.11	0.06	0.11	0.17	0.13	0.15
7.39	6.66	6.17	5.93	5.86	6.77	9.77	12.5	12.5	9.76	8.66	7.95

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWEWNSS	COEFF. OF VARIATION	SERIAL CORR
132	2384	48.8	0.68	0.37	-0.245

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWEWNSS	COEFF. OF VARIATION	SERIAL CORR
2.09	0.02	0.16	0.25	0.07	-0.299

09166000 WEST DOLORES RIVER NEAR STONER, COLO.

LOCATION.--Lat 37°38'23", long 108°19'35", Dolores County, 0.8 mi (1.3 km) downstream from Cottonwood Creek, 3.4 mi (5.5 km) north of Stoner, and 4.3 mi (6.9 km) upstream from mouth.

DRAINAGE AREA.--162 mi² (420 km²).

REMARKS.--Diversions for irrigation of several hundred acres above station. Flow partly regulated by Ground Hog Reservoir (capacity, 21,710 acre-ft or 26.8 hm³).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN

WEST (FORK) DOLORES RIVER NEAR STONER, 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																																				
1942						1	39	47	3	27	7	8	7	5	7	21	7	25	14	24	20	6	10	7	10	7	7	18	12	8	5	10	3				
1943		34	60	35	30	17	6	1	3	1	7	10	13	11	11	14	9	17	5	7	14	11	8	9	9	4	3	7	7	2							
1944	9	43	48	9	16	11	18	13	6	3	3	11	12	5	5	10	6	35	7	20	11	2	2	2	5	1	8	7	8	14	6	5	4	1			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1096	100.0	12	54.0	29	599	54.7	24	340	18	189	17.2
1	10.00	9	1096	100.0	13	63.0	32	570	52.0	25	390	24	171	15.6
2	12.00	77	1087	99.2	14	73.0	21	538	49.1	26	460	12	147	13.4
3	14.00	108	1010	92.2	15	85.0	23	517	47.2	27	530	18	135	12.3
4	16.00	44	902	82.3	16	99.0	45	494	45.1	28	620	32	117	10.6
5	18.00	46	858	78.3	17	120.0	22	449	41.0	29	730	27	85	7.7
6	21.00	29	812	74.1	18	130.0	77	427	39.0	30	850	24	58	5.2
7	25.00	63	783	71.4	19	160.0	26	350	31.9	31	990	11	34	3.1
8	29.00	61	720	65.7	20	180.0	51	324	29.6	32	1100	15	23	2.0
9	34.00	12	659	60.1	21	210.0	45	273	24.9	33	1300	7	8	.7
10	40.00	31	647	59.0	22	250.0	19	228	20.8	34	1600	1	1	
11	46.00	17	616	56.2	23	290.0	20	209	19.1					

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

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN

WEST (FORK) DOLORES RIVER NEAR STONER, CO.

YEAR	1	3	7	15	30	60	90	120	183									
1942	1440.0	2	1370.0	2	1270.0	1	1090.0	2	952.0	2	838.0	2	703.0	1	572.0	1	420.0	1
1943	942.0	3	857.0	3	835.0	3	760.0	3	584.0	3	462.0	3	374.0	3	314.0	3	228.0	3
1944	1600.0	1	1500.0	1	1270.0	2	1150.0	1	1060.0	1	844.0	1	624.0	2	513.0	2	374.0	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) DOLORES RIVER NEAR STONER, CO.

YEAR	1	3	7	14	30	60	90	120	183									
1942	28.00	3	28.00	3	28.00	3	28.00	3	30.00	3	32.00	3	37.00	3	90.00	3		
1943	12.00	2	12.00	2	12.00	1	12.00	1	13.00	1	14.00	1	14.00	1	19.00	1		
1944	10.00	1	11.00	1	12.00	2	13.00	2	13.00	2	14.00	2	14.00	2	15.00	2	21.00	2

09166500 DOLORES RIVER AT DOLORES, COLO.

LOCATION.--Lat 37°28'16", long 108°30'15", in NE¼NE¼ sec.16, T.37 N., R.15 W., Montezuma County, on left bank 70 ft (21 m) downstream from bridge on State Highway 184 in Dolores and 0.4 mi (0.6 km) upstream from Lost Canyon Creek.

DRAINAGE AREA.--504 mi² (1,305 km²).

REMARKS.--Diversions for irrigation of about 2,000 acres (8.09 km²) above station. Flow partly regulated by Ground Hog Reservoir (capacity, 21,710 acre-ft or 26.8 hm³).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN

DOLORES RIVER AT DOLORES, 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																																			
1896	1	1	4	2	4	1	7	3	17	5	133	36	20	14	9	11	11	5	7	14	14	6	9	7	16	8	1									
1897										90	30	3	62	9	10	10	15	7	14	11	14	7	5	4	7	3	16	14	31	3						
1898									6	6	10	90	24	9	53	18	14	7	8	14	12	4	7	5	32	15	27	4								
1899			3	21	19	4	75	38	52	9	3	5	10	13	5	12	15	10	10	14	12	18	10	4	3											
1900				6	20	1	41	97	38	5	19	9	16	24	3	7	6	5	8	11	2	9	6	10	4	6	16									
1901				18	1	1	1	92	46	2	34	9	7	28	17	10	13	2	2	5	3	2	4	16	10	19	12	11								
1902				132	12	20	27	36	11	17	4	15	2	11	1	4	6	2	7	15	10	10	18	5	1											
1903							69	82				8	33	25	16	1	12	5	4	15	9	4	5	7	10	10	10	19	20	1						
1911											14	37	60	37	19	10	14	8	16	11	9	6	11	13	12	19	13	16	32	6	2					
1912											1	24	96	7	35	5	4	17	20	12	43	15	7	12	5	14	8	8	8	8	12					
1923										4	28	118	32			2	5	16	17	11	9	10	9	15	11	13	12	9	5	9	13	12			5	
1924											72	28	48	36	39	34	6	5	12	3	5	2	6	2	9	7	5	9	17	8	12					
1925								17	12	65	28	44	7	1	3	11	20	23	15	19	9	3	10	5	9	20	8	20	10	4	1					
1926								6	4	13	10	68	41	15	41	11	19	17	3	10	4	4	7	4	9	2	25	18	6	6	12	10				
1928										11	13	100	10	16	14	18	22	36	13	17	14	9	7	11	11	9	13	12	6	4						
1929										2	68	51	57	1	3			1	8	26	25	11	14	18	12	11	13	15	12	13						
1930								31	31	28	3	20	17	13	28	13	12	17	33	13	11	6	6	8	12	24	10	23	5	1						

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

Table with columns: CLASS YEAR, 0-34, and rows for years 1931-1975. Each cell contains a number representing the number of days in that class.

Summary table with columns: CLASS, VALUE, TOTAL, ACCUM, PERCT. Rows 0-11.

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

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

Table with columns: YEAR, 1, 3, 7, 15, 30, 60, 90, 120, 183. Rows 1896-1930.

09166500 DOLORES RIVER AT DOLORES, 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
DOLORES RIVER AT DOLORES, CO.

YEAR	1	3	7	15	30	60	90	120	183
1931	1250.0 61	1100.0 61	977.0 61	869.0 60	821.0 60	658.0 60	525.0 60	422.0 60	303.0 60
1932	4330.0 9	4100.0 9	3850.0 8	3520.0 7	2930.0 9	2430.0 10	2070.0 9	1670.0 9	1160.0 9
1933	2770.0 33	2590.0 33	2300.0 34	2060.0 34	1770.0 36	1230.0 41	938.0 43	753.0 43	535.0 44
1934	931.0 62	919.0 62	862.0 62	754.0 62	715.0 62	534.0 62	390.0 62	310.0 62	222.0 62
1935	3190.0 21	3070.0 20	2830.0 19	2650.0 18	2300.0 19	1720.0 26	1370.0 26	1110.0 27	804.0 26
1936	2470.0 39	2410.0 37	2110.0 37	1980.0 35	1790.0 35	1620.0 29	1260.0 33	1010.0 33	740.0 35
1937	3550.0 17	3480.0 16	3460.0 13	3280.0 12	2770.0 12	2250.0 14	1740.0 15	1380.0 17	948.0 20
1938	3810.0 15	3550.0 15	3330.0 16	3070.0 14	2670.0 14	2360.0 12	2010.0 10	1590.0 10	1110.0 10
1939	1610.0 54	1460.0 55	1410.0 53	1340.0 50	1200.0 49	993.0 50	804.0 47	642.0 50	452.0 49
1940	1870.0 45	1860.0 44	1780.0 44	1630.0 44	1570.0 41	1270.0 40	949.0 42	757.0 42	546.0 42
1941	6550.0 1	6040.0 1	5160.0 1	4270.0 1	3500.0 2	2990.0 1	2370.0 2	1880.0 3	1340.0 3
1942	4110.0 12	4040.0 11	3810.0 9	3350.0 11	2920.0 10	2530.0 9	2170.0 7	1740.0 7	1220.0 7
1943	3510.0 19	3220.0 18	3070.0 18	2650.0 19	2020.0 26	1740.0 25	1430.0 25	1150.0 24	835.0 24
1944	4960.0 5	4510.0 6	3770.0 10	3440.0 8	3190.0 6	2780.0 6	2090.0 8	1670.0 8	1170.0 9
1945	3040.0 25	2940.0 23	2680.0 22	2540.0 20	2250.0 22	1890.0 22	1490.0 23	1200.0 23	843.0 23
1946	2200.0 41	2090.0 41	1950.0 41	1680.0 43	1200.0 50	1100.0 44	879.0 44	726.0 44	537.0 43
1947	2910.0 29	2730.0 30	2590.0 29	2300.0 28	2000.0 27	1650.0 28	1310.0 31	1060.0 31	795.0 28
1948	4420.0 8	4050.0 10	3450.0 14	2830.0 17	2540.0 16	2120.0 16	1690.0 17	1370.0 18	961.0 19
1949	5930.0 2	5140.0 3	3930.0 6	3150.0 13	2440.0 18	2040.0 18	1750.0 14	1410.0 16	989.0 17
1950	1750.0 48	1740.0 47	1600.0 47	1410.0 48	1230.0 48	1180.0 42	985.0 39	804.0 40	574.0 41
1951	2060.0 43	1850.0 45	1590.0 48	1180.0 55	992.0 54	769.0 56	584.0 58	473.0 58	339.0 58
1952	4300.0 11	4180.0 8	3920.0 7	3660.0 5	2970.0 8	2860.0 3	2350.0 3	1890.0 2	1310.0 4
1953	2710.0 36	2300.0 39	2010.0 39	1760.0 40	1490.0 43	1020.0 49	795.0 50	668.0 48	486.0 48
1954	1400.0 57	1280.0 57	1110.0 57	1110.0 56	942.0 56	789.0 55	607.0 56	502.0 57	377.0 56
1955	1810.0 47	1670.0 49	1420.0 51	1280.0 51	1240.0 47	1050.0 48	804.0 48	675.0 47	495.0 47
1956	1850.0 46	1790.0 46	1690.0 45	1560.0 46	1330.0 46	1070.0 46	847.0 45	689.0 45	497.0 45
1957	5620.0 3	5190.0 2	4730.0 2	3830.0 3	3470.0 3	2620.0 7	2210.0 5	1850.0 4	1350.0 2
1958	3970.0 13	3870.0 12	3690.0 11	3370.0 10	3110.0 7	2590.0 8	1930.0 11	1520.0 11	1060.0 13
1959	1280.0 60	1220.0 59	1060.0 60	810.0 61	736.0 61	571.0 61	435.0 61	359.0 61	274.0 61
1960	2770.0 34	2590.0 34	2210.0 35	1900.0 37	1830.0 33	1470.0 34	1300.0 32	1050.0 32	731.0 36
1961	2120.0 42	2060.0 42	1950.0 42	1900.0 38	1570.0 42	1290.0 38	979.0 40	782.0 41	584.0 40
1962	2930.0 28	2800.0 27	2680.0 23	2160.0 33	1980.0 29	1600.0 30	1340.0 27	1080.0 30	764.0 31
1963	1670.0 52	1510.0 53	1390.0 54	1270.0 52	1050.0 52	823.0 53	682.0 52	556.0 52	419.0 52
1964	2600.0 37	2510.0 36	2390.0 32	2190.0 31	1830.0 38	1070.0 47	797.0 49	677.0 46	497.0 46
1965	3150.0 22	3060.0 21	2620.0 26	2280.0 29	2000.0 28	1870.0 23	1720.0 16	1460.0 14	1050.0 14
1966	2260.0 40	2140.0 40	2000.0 40	1750.0 41	1590.0 40	1280.0 39	1070.0 38	878.0 38	641.0 38
1967	1660.0 53	1520.0 52	1410.0 52	1210.0 54	1040.0 53	758.0 57	617.0 55	518.0 55	421.0 51
1968	2940.0 26	2890.0 25	2790.0 20	2490.0 22	2110.0 25	1580.0 32	1200.0 36	1000.0 34	750.0 34
1969	2590.0 38	2540.0 35	2350.0 33	2250.0 30	1850.0 32	1590.0 31	1320.0 30	1090.0 28	798.0 27
1970	3080.0 23	2970.0 22	2720.0 21	2380.0 25	1950.0 30	1410.0 37	1070.0 37	880.0 37	698.0 37
1971	1710.0 50	1610.0 51	1490.0 50	1440.0 47	1360.0 45	1140.0 43	961.0 41	815.0 39	618.0 39
1972	1400.0 58	1210.0 60	1090.0 59	979.0 59	879.0 58	793.0 54	648.0 54	558.0 51	413.0 53
1973	5060.0 4	4830.0 4	4230.0 4	3780.0 4	3330.0 4	2840.0 4	2240.0 4	1780.0 5	1240.0 6
1974	1710.0 51	1660.0 50	1530.0 49	1380.0 49	1190.0 51	877.0 52	655.0 53	546.0 54	407.0 54
1975	3840.0 14	3730.0 13	3430.0 15	3040.0 15	2710.0 13	2380.0 11	1910.0 12	1520.0 12	1070.0 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
DOLORES RIVER AT DOLORES, CO.

YEAR	1	3	7	14	30	60	90	120	183
1897	8.00 1	10.00 1	12.00 1	18.00 1	27.00 5	54.00 45	60.00 44	61.00 44	77.00 43
1898	75.00 60	75.00 60	75.00 60	75.00 59	75.00 56	75.00 53	77.00 54	93.00 56	160.00 57
1899	15.00 3	15.00 3	18.00 3	19.00 2	22.00 3	30.00 5	35.00 9	39.00 9	40.00 7
1900	23.00 16	23.00 10	23.00 7	26.00 8	32.00 13	40.00 20	40.00 18	42.00 16	49.00 11
1901	20.00 12	20.00 6	21.00 6	23.00 6	28.00 6	41.00 25	45.00 27	46.00 28	56.00 22
1902	19.00 9	19.00 5	19.00 4	19.00 3	20.00 1	20.00 1	20.00 1	20.00 1	22.00 1
1903	20.00 10	23.00 11	26.00 10	28.00 11	30.00 11	30.00 6	32.00 7	33.00 5	39.00 4
1912	70.00 57	70.00 57	70.00 55	71.00 54	73.00 53	77.00 56	80.00 55	87.00 54	164.00 58
1923	46.00 47	48.00 46	49.00 45	52.00 46	56.00 47	59.00 46	61.00 45	63.00 45	66.00 35
1924	50.00 51	50.00 49	53.00 48	54.00 48	56.00 48	64.00 50	73.00 52	76.00 50	94.00 48
1925	29.00 25	29.00 21	29.00 15	30.00 16	34.00 16	38.00 17	44.00 24	44.00 19	49.00 12
1926	74.00 58	74.00 58	74.00 58	74.00 57	74.00 54	76.00 55	82.00 57	96.00 58	136.00 55
1928	75.00 59	75.00 59	75.00 59	75.00 58	75.00 57	75.00 54	77.00 53	98.00 59	179.00 59
1929	46.00 48	48.00 47	49.00 46	52.00 47	52.00 46	52.00 43	55.00 42	60.00 42	64.00 32
1930	28.00 23	28.00 16	28.00 13	28.00 12	28.00 7	33.00 10	36.00 11	44.00 20	92.00 46
1931	40.00 41	40.00 39	40.00 37	40.00 33	40.00 28	40.00 21	42.00 21	44.00 21	56.00 23
1932	23.00 17	24.00 12	24.00 8	27.00 9	41.00 33	60.00 47	62.00 46	68.00 49	76.00 42
1933	34.00 32	34.00 28	34.00 25	34.00 23	35.00 21	43.00 30	45.00 28	44.00 22	53.00 19
1934	40.00 42	40.00 40	40.00 38	40.00 34	40.00 29	45.00 31	47.00 33	52.00 35	65.00 33
1935	25.00 19	25.00 14	26.00 11	29.00 13	29.00 8	30.00 7	31.00 6	31.00 2	33.00 2
1936	34.00 33	34.00 29	34.00 26	34.00 24	34.00 17	35.00 13	37.00 12	40.00 12	66.00 36
1937	35.00 36	36.00 32	37.00 31	38.00 30	40.00 30	47.00 38	51.00 40	56.00 40	66.00 37
1938	34.00 34	34.00 30	35.00 27	37.00 27	38.00 26	40.00 22	41.00 19	44.00 23	59.00 25
1939	32.00 30	36.00 33	38.00 33	40.00 35	42.00 34	45.00 32	48.00 36	55.00 39	81.00 44
1940	16.00 4	18.00 4	19.00 5	20.00 4	22.00 2	25.00 2	30.00 3	34.00 6	45.00 8
1941	40.00 43	40.00 41	40.00 39	41.00 38	43.00 37	48.00 40	52.00 41	60.00 43	99.00 49
1942	66.00 56	68.00 56	70.00 56	71.00 55	78.00 58	92.00 60	102.00 60	123.00 60	373.00 60
1943	36.00 37	37.00 36	38.00 34	38.00 31	40.00 27	41.00 26	44.00 25	48.00 29	58.00 26
1944	40.00 44	42.00 44	44.00 43	45.00 43	46.00 43	47.00 39	48.00 37	54.00 36	70.00 39
1945	30.00 26	30.00 22	32.00 23	37.00 28	41.00 31	43.00 27	46.00 29	49.00 32	61.00 28

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
DOLORES RIVER AT DOLORES, CO

YEAR	1	3	7	14	30	60	90	120	183
1946	18.00 8	25.00 15	30.00 16	31.00 17	33.00 14	33.00 11	35.00 10	40.00 13	57.00 24
1947	35.00 35	38.00 37	41.00 40	42.00 40	43.00 38	46.00 36	47.00 34	55.00 37	71.00 41
1948	48.00 49	51.00 50	56.00 50	57.00 49	59.00 49	60.00 48	62.00 47	67.00 46	112.00 52
1949	22.00 13	29.00 17	35.00 28	37.00 29	41.00 32	43.00 28	43.00 22	45.00 25	53.00 20
1950	31.00 29	36.00 34	39.00 35	41.00 39	43.00 39	45.00 33	49.00 38	55.00 38	70.00 40
1951	17.00 6	21.00 7	30.00 17	32.00 19	34.00 18	36.00 14	39.00 15	39.00 10	49.00 13
1952	22.00 14	24.00 13	26.00 12	26.00 7	37.00 24	39.00 18	39.00 16	40.00 14	40.00 5
1953	23.00 15	31.00 26	37.00 32	40.00 36	42.00 35	43.00 29	44.00 26	44.00 24	54.00 21
1954	17.00 7	31.00 27	35.00 29	36.00 25	36.00 22	37.00 16	42.00 20	46.00 26	52.00 17
1955	30.00 27	30.00 23	30.00 18	32.00 20	35.00 19	36.00 15	37.00 13	41.00 15	66.00 38
1956	16.00 5	22.00 9	29.00 14	30.00 14	35.00 20	40.00 23	43.00 23	43.00 17	52.00 18
1957	11.00 2	13.00 2	17.00 2	22.00 5	24.00 4	28.00 3	28.00 2	31.00 3	37.00 3
1958	60.00 55	60.00 54	60.00 54	62.00 52	64.00 52	67.00 52	72.00 51	79.00 51	111.00 51
1959	26.00 20	30.00 24	33.00 24	33.00 21	33.00 15	35.00 12	37.00 14	39.00 11	49.00 14
1960	20.00 11	21.00 8	25.00 9	28.00 10	29.00 9	31.00 8	31.00 4	34.00 7	50.00 15
1961	30.00 28	30.00 25	31.00 21	31.00 18	32.00 12	33.00 9	34.00 8	37.00 8	48.00 10
1962	50.00 52	50.00 48	50.00 47	50.00 45	51.00 45	54.00 44	65.00 49	67.00 47	94.00 47
1963	28.00 21	29.00 18	32.00 22	34.00 22	36.00 23	41.00 24	47.00 35	50.00 33	63.00 31
1964	24.00 18	29.00 19	30.00 19	30.00 15	30.00 10	30.00 4	31.00 5	32.00 4	40.00 6
1965	28.00 22	35.00 31	37.00 30	39.00 32	42.00 36	45.00 34	46.00 30	46.00 27	50.00 16
1966	50.00 53	53.00 51	57.00 51	61.00 50	62.00 50	66.00 51	72.00 50	80.00 52	118.00 53
1967	36.00 38	37.00 35	39.00 36	41.00 37	46.00 40	50.00 42	58.00 43	57.00 41	65.00 34
1968	36.00 39	41.00 43	44.00 41	47.00 44	48.00 44	49.00 41	50.00 39	51.00 34	61.00 29
1969	33.00 31	40.00 42	44.00 42	44.00 41	46.00 41	47.00 37	47.00 31	48.00 30	62.00 30
1970	48.00 50	53.00 52	57.00 52	65.00 53	74.00 55	79.00 57	81.00 56	83.00 53	107.00 50
1971	60.00 54	65.00 55	71.00 57	77.00 60	78.00 59	85.00 58	91.00 59	94.00 57	118.00 54
1972	40.00 45	53.00 53	58.00 53	61.00 51	63.00 51	63.00 49	64.00 48	67.00 48	87.00 45
1973	36.00 40	38.00 38	55.00 49	72.00 56	85.00 60	85.00 59	86.00 58	90.00 55	148.00 56
1974	42.00 46	44.00 45	45.00 44	45.00 42	46.00 42	46.00 35	47.00 32	48.00 31	60.00 27
1975	29.00 24	29.00 20	31.00 20	37.00 26	38.00 25	39.00 19	40.00 17	43.00 18	46.00 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)											
2.00	1.83	1.71	1.68	1.71	2.00	2.80	3.19	3.04	2.51	2.28	2.12
0.09	0.05	0.03	0.02	0.02	0.05	0.06	0.04	0.09	0.10	0.07	0.08
0.31	0.23	0.16	0.14	0.15	0.21	0.25	0.19	0.30	0.31	0.27	0.28
0.93	1.00	0.24	0.16	-0.02	-0.16	-0.37	-0.20	-0.82	-0.18	-0.71	0.19
0.15	0.12	0.10	0.09	0.09	0.11	0.09	0.06	0.10	0.12	0.12	0.13
7.44	6.82	6.38	6.24	6.36	7.44	10.4	11.9	11.3	9.33	8.50	7.90

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)											
137	80.1	55.7	50.0	54.1	112	730	1684	1333	408	226	164
28590	3949	527	301	344	3142	147300	517300	599500	87410	16250	14970
169	62.8	22.9	17.3	18.5	56.1	384	719	774	296	127	122
5.01	3.99	1.65	1.04	0.76	1.13	0.73	0.47	0.68	1.51	1.24	2.25
1.24	0.78	0.41	0.35	0.34	0.50	0.53	0.43	0.58	0.72	0.56	0.75
2.71	1.59	1.11	0.99	1.07	2.23	14.5	33.5	26.5	8.11	4.49	3.25

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.59	0.04	0.19	-0.40	0.07	-0.047

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
420	27920	167	0.27	0.40	-0.011

DOLORES RIVER BASIN

09167000 LOST CANYON CREEK AT DOLORES, COLO.

LOCATION.--Lat 37°27'41", long 108°30'03", in NW¼SW¼SE¼ sec.15, T.37 N., R.15 W., Montezuma County, 0.7 mi (1.1 km) upstream from mouth and 0.8 mi (1.3 km) south of Dolores.

DRAINAGE AREA.--73.5 mi² (190.4 km²).

REMARKS.--Small storage reservoirs and diversions for irrigation of about 4,700 acres (19.4 km²) in San Juan River basin.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LDST CANYON CREEK AT DOLORES, CO.

CLASS YEAR	NUMBER OF DAYS IN CLASS																																		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1942	79					1				1		1	6	17	23	21	34	33	25	30	9	4	3	11	15	9	11	10	9	7	4	2			
1943	218	1	4	1		3	1	12	14	8	6	2	4	5	8	5	5	5	3	2	5	4	5	5	6	3	4	12	8	6					
1944	127	6	7	14	31	18	43	4	12	1	6		1	6	4	3	2	7	4	5	1	4	2	7	7	10	11	6	5	4	8				
1945	204		1	5	2	1	1	3	15	28	18	5	11	5	1	3	7	4	3	2	5	6	2	1	3	3	4	6	10	3	3				
1946	270	1	9	1		4	2	3		2	5	7	11	15	7	1	2	2	1	5	2	1	2	5	6	1									
1947	96	24	12	11	6	10	16	16	34	36	17	7	3	4	8	4	8	6	3	7	4	5	6	3	9	6	2	1	1						
1948	108	5	8	25	31	34	27	5	11	25	11	4	10	7	4	1	3	4	2	2	3	1	3	7	9	1	7	3	5						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1102	2557	100.0	12	3.4	46	770	30.1	24	89	55	240	9.3
1	0.10	37	1455	56.9	13	4.5	59	724	28.3	25	120	33	185	7.2
2	0.20	41	1418	55.5	14	5.9	55	665	26.0	26	150	39	152	5.9
3	0.30	57	1377	53.9	15	7.7	38	610	23.9	27	200	38	113	4.4
4	0.40	70	1320	51.6	16	10.0	61	572	22.4	28	260	38	75	2.9
5	0.50	70	1250	48.9	17	13.0	61	511	20.0	29	350	20	37	1.4
6	0.70	91	1180	46.1	18	17.0	41	450	17.6	30	450	15	17	.6
7	0.90	43	1089	42.6	19	23.0	53	409	16.0	31	590	2	2	
8	1.20	86	1046	40.9	20	30.0	29	356	13.9	32	780			
9	1.50	101	960	37.5	21	39.0	25	327	12.8	33				
10	2.00	63	859	33.6	22	52.0	23	302	11.8	34				
11	2.60	26	796	31.1	23	68.0	39	279	10.9					

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LDST CANYON CREEK AT DOLORES, CO.

YEAR	1	3	7	15	30	60	90	120	183
1942	735.0 1	488.0 3	429.0 3	409.0 2	311.0 2	212.0 1	150.0 1	116.0 1	78.0 1
1943	422.0 4	413.0 4	386.0 4	317.0 4	253.0 4	169.0 3	118.0 3	89.0 3	59.0 3
1944	514.0 2	501.0 1	478.0 1	415.0 1	313.0 1	207.0 2	150.0 2	113.0 2	74.0 2
1945	508.0 3	493.0 2	439.0 2	353.0 3	279.0 3	157.0 4	106.0 4	80.0 4	53.0 4
1946	122.0 7	114.0 7	102.0 7	78.0 7	51.0 7	28.0 7	20.0 7	15.0 7	9.6 7
1947	278.0 6	225.0 6	172.0 6	118.0 6	99.0 6	66.0 6	45.0 6	34.0 6	23.0 6
1948	334.0 5	310.0 5	280.0 5	213.0 5	162.0 5	92.0 5	62.0 5	47.0 5	31.0 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
LDST CANYON CREEK AT DOLORES, CO.

YEAR	1	3	7	14	30	60	90	120	183
1942	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.58 7	3.30 7	9.10 7	32.00 7
1943	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 1	0.00 1	0.00 1	0.00 1
1944	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 2	0.00 2	0.00 2	0.10 4
1945	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 3	0.00 3	0.00 3	0.00 2
1946	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 4	0.00 4	0.00 4	0.00 3
1947	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 5	0.00 5	0.00 5	0.32 5
1948	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 6	0.32 6	0.25 6	0.69 6

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
19.4	4.85	2.46	1.56	1.74	8.42	144	115	11.0	0.55	0.12	0.01
2516	134	30.0	10.4	2.70	44.4	9754	10700	322	2.10	0.11	0.00
50.2	11.6	5.48	3.22	1.64	6.66	98.8	103	17.9	1.45	0.33	0.03
2.64	2.63	2.61	2.61	2.09	1.19	0.92	1.15	1.98	2.65	2.65	2.65
2.58	2.39	2.22	2.06	0.94	0.79	0.69	0.90	1.64	2.62	2.65	2.65
6.30	1.57	0.80	0.51	0.57	2.73	45.6	37.2	3.56	0.18	0.04	0.00

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
0.33	0.15	0.12	-0.20	0.09	0.82	2.07	1.79	0.44	-0.14	-0.01	-0.15
0.65	0.41	0.23	0.37	0.16	0.09	0.09	0.47	0.72	0.43	0.00	0.16
0.81	0.64	0.48	0.61	0.40	0.30	0.31	0.69	0.85	0.66	0.02	0.40
2.47	1.75	2.28	0.93	-0.38	1.01	0.16	-1.61	0.31	-1.96	-2.65	-2.65
2.46	4.19	4.19	-3.00	4.30	0.37	0.15	0.38	1.91	-4.81	-2.65	-2.65
6.18	2.88	2.16	-3.82	1.76	15.5	38.9	33.7	8.36	-2.56	-0.17	-2.85

DOLORES RIVER BASIN

09167000 LOST CANYON CREEK AT DOLORES, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN 25.7	VARIANCE 285	STANDARD DEVIATION 16.9	SKEWNESS 0.62	COEFF. OF VARIATION 0.66	SERIAL CORR 0.571
--------------	-----------------	----------------------------	------------------	-----------------------------	----------------------

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN 1.31	VARIANCE 0.13	STANDARD DEVIATION 0.35	SKEWNESS -0.82	COEFF. OF VARIATION 0.27	SERIAL CORR 0.400
--------------	------------------	----------------------------	-------------------	-----------------------------	----------------------

09167500 DOLORES RIVER NEAR MCPHEE, COLO.

LOCATION.--Lat 37°34'37", long 108°34'19", in SW¼SW¼ sec.1, T.38 N., R.16 W., Montezuma County, on right bank 0.8 mi (1.3 km) downstream from Beaver Creek, 4.3 mi (6.9 km) northwest of McPhee, and 8 mi (13 km) northwest of Dolores.

DRAINAGE AREA.--817 mi² (2,116 km²).

REMARKS.--Diversions for irrigation of about 3,000 acres (12.1 km²) above station and about 37,000 acres (150 km²) in Montezuma Valley in the San Juan River basin.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
DOLORES RIVER NEAR MCPHEE, 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								4	4	19	31	24	18	17	11	38	41	35	28	10	1	2	1	9	22	14	29	7										
1940								1	17	67	68	29	14	7	9	31	13	14	2	5	3	10	12	5	5	4	13	24	13									
1941											8	10	10	28	13	12	10	62	44	12	11	5	7	14	11	15	14	11	9	23	20	8	7	1				
1942										13	2	3	19	11	22	6	2	3	14	27	10	14	42	25	13	16	12	6	11	29	31	24	9	1				
1943										14	23	32	40	13	7	8	13	45	44	17	10	1	4	1	5	10	15	16	14	11	17	5						
1944										14	31	29	22	13	16	5	12	25	64	16	13	3	2	1	2	1	10	12	13	10	22	20	7	3				
1945								4	6	13	50	18	10	30	6	14	27	54	25	23	3	4	2	3	2	7	15	12	15	11	9	2						
1946							1	2	11	16	38	32	18	40	13	13	66	30	10	6	7	10	6	4	13	11	7	10	1									
1947								3	13	7	6	21	15	8	10	14	16	96	14	16	10	23	12	10	13	11	12	19	8	8								
1948									10	16	18	14	20	12	6	2	12	6	36	57	33	11	11	11	5	8	6	8	11	28	18	6	1					
1949					6	9		7	23	21	18	28	13	5	15	9	17	59	12	10	16		1	6	2	4	1	15	16	22	24	3	2	1				
1950								15	38	28	17	22	23	7	7	6	8	45	36	23	9	1	2	9	9	10	20	18	4	4	4							
1951	1	2	9	12	1		9	7	40	41	20	16	8	36	6	25	39	39	4	3	3	4	11	13	9		2	4	1									
1952		9	3	1	9	9	23	11	17	18	5	11	6	4	70	51	7	2	3	2	4	3	8	4	5	10	14	12	19	23	3							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5114	100.0	12	6.6	305	4050	79.2	24	300	97	1206	23.5
1	0.20	1	5114	100.0	13	9.1	159	3745	73.2	25	410	132	1109	21.6
2	0.30	2	5113	100.0	14	12.0	250	3586	70.1	26	560	130	977	19.1
3	0.40	9	5111	99.9	15	17.0	110	3336	65.2	27	780	172	847	16.5
4	0.50	27	5102	99.8	16	23.0	215	3226	63.1	28	1100	166	675	13.1
5	0.70	13	5075	99.2	17	32.0	465	3011	58.9	29	1500	165	509	9.9
6	1.00	1	5062	99.0	18	44.0	587	2546	49.8	30	2000	170	344	6.7
7	1.30	41	5061	99.0	19	61.0	284	1959	38.3	31	2800	106	174	3.4
8	1.80	101	5020	98.2	20	84.0	168	1675	32.8	32	3800	52	68	1.3
9	2.50	220	4919	96.2	21	120.0	71	1507	29.5	33	5200	15	16	.3
10	3.50	283	4699	91.9	22	160.0	122	1436	28.1	34	7200	1	1	
11	4.80	366	4416	86.4	23	220.0	108	1314	25.7					

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
DOLORES RIVER NEAR MCPHEE, CO.

YEAR	1	3	7	15	30	60	90	120	183
1939	1280.0 14	1150.0 14	1090.0 14	1040.0 13	886.0 12	791.0 12	666.0 12	509.0 12	345.0 12
1940	1660.0 11	1630.0 11	1570.0 11	1490.0 10	1400.0 10	1130.0 10	819.0 10	622.0 10	415.0 10
1941	7220.0 1	6840.0 1	6210.0 1	5460.0 1	4340.0 1	3410.0 1	2650.0 2	2150.0 1	1440.0 1
1942	5260.0 5	4340.0 5	3950.0 4	3730.0 4	3180.0 4	2920.0 4	2500.0 3	1930.0 3	1300.0 3
1943	3050.0 8	2810.0 8	2720.0 8	2600.0 7	2160.0 6	1650.0 8	1360.0 8	1050.0 8	701.0 8
1944	6160.0 2	5810.0 3	5100.0 3	4270.0 3	3650.0 3	2940.0 3	2310.0 4	1810.0 4	1200.0 4
1945	3950.0 6	3840.0 6	3410.0 6	2980.0 5	2560.0 5	1900.0 7	1420.0 7	1090.0 7	729.0 7
1946	1520.0 13	1430.0 12	1330.0 12	1060.0 12	632.0 13	588.0 13	459.0 13	356.0 13	245.0 13
1947	2370.0 9	2230.0 9	2110.0 9	1960.0 9	1590.0 9	1200.0 9	909.0 9	714.0 9	512.0 9
1948	3800.0 7	3600.0 7	3040.0 7	2420.0 8	2110.0 7	2010.0 5	1590.0 6	1220.0 6	818.0 6
1949	5480.0 4	4830.0 4	3580.0 5	2760.0 6	2100.0 8	1940.0 6	1700.0 5	1300.0 5	873.0 5
1950	2280.0 10	2110.0 10	1840.0 10	1410.0 11	1190.0 11	869.0 11	689.0 11	532.0 11	362.0 11
1951	1580.0 12	1400.0 13	1170.0 13	748.0 14	548.0 14	359.0 14	243.0 14	192.0 14	139.0 14
1952	6090.0 3	5870.0 2	5210.0 2	4580.0 2	4080.0 2	3400.0 2	2770.0 1	2150.0 2	1420.0 2

DOLORES RIVER BASIN

09167500 DOLORES RIVER NEAR McPHEE, 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
DOLORES RIVER NEAR MCPHEE, CO.

YEAR	1	3	7	14	30	60	90	120	183
1940	2.10 7	2.10 7	2.60 5	3.20 8	4.10 8	5.10 7	6.00 7	7.50 5	8.60 2
1941	2.10 8	2.50 9	2.70 7	3.40 9	3.90 7	4.40 5	5.10 5	46.00 11	44.00 11
1942	5.70 13	6.00 13	6.20 13	7.00 13	11.00 12	32.00 12	122.00 13	153.00 13	450.00 13
1943	2.60 10	2.60 10	2.70 8	2.70 5	3.40 5	4.40 6	6.60 8	8.40 6	18.00 7
1944	2.70 11	2.70 11	2.80 9	3.00 6	3.50 6	5.60 8	5.50 6	16.00 10	23.00 10
1945	2.00 6	2.00 6	4.40 12	4.60 11	5.50 10	7.80 11	9.20 11	10.00 8	18.00 8
1946	1.60 8	1.80 5	2.60 6	3.70 10	4.20 9	5.90 9	8.50 10	11.00 9	18.00 9
1947	2.40 9	2.40 8	2.80 10	3.00 7	5.70 11	7.00 10	8.40 9	9.50 7	17.00 6
1948	3.00 12	3.30 12	3.40 11	6.40 12	15.00 13	49.00 13	55.00 12	64.00 12	93.00 12
1949	1.50 4	1.60 4	1.70 3	2.00 3	2.90 4	3.10 3	4.40 4	5.70 3	10.00 3
1950	0.60 2	0.60 2	0.61 2	0.69 2	1.40 2	2.30 2	3.90 3	6.90 4	16.00 5
1951	1.50 3	1.50 3	1.80 4	2.60 4	2.70 3	3.20 4	3.70 2	3.70 1	7.80 1
1952	0.20 1	0.27 1	0.36 1	0.44 1	0.54 1	1.50 1	2.00 1	4.00 2	12.00 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)											
142	58.8	52.2	45.3	47.4	118	1222	1823	1141	117	25.7	39.3
167100	17040	2728	630	124	8893	740800	1454000	722900	28730	2293	5466
409	131	52.2	25.1	11.1	94.3	861	1206	850	169	47.9	73.9
3.61	3.51	3.12	2.97	0.03	1.59	0.97	0.59	0.52	1.62	3.55	2.76
2.87	2.22	1.00	0.55	0.23	0.80	0.70	0.66	0.75	1.45	1.87	1.88
2.95	1.22	1.08	0.94	0.98	2.45	25.3	37.7	23.6	2.41	0.53	0.81

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)											
1.22	1.30	1.59	1.62	1.66	1.97	2.90	3.15	2.91	1.57	1.13	1.05
0.66	0.33	0.12	0.03	0.01	0.09	0.35	0.13	0.16	0.51	0.17	0.49
0.81	0.58	0.34	0.18	0.11	0.30	0.59	0.35	0.40	0.71	0.42	0.70
1.34	0.99	-0.25	1.32	-0.27	0.57	-2.54	-0.61	-0.50	0.35	1.54	0.52
0.67	0.44	0.22	0.11	0.06	0.15	0.20	0.11	0.14	0.45	0.37	0.67
5.51	5.91	7.21	7.32	7.54	8.92	13.1	14.3	13.2	7.13	5.12	4.76

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
403	62150	249	0.54	0.62	0.141

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.51	0.10	0.31	-0.52	0.12	0.083

09168100 DISAPPOINTMENT CREEK NEAR DOVE CREEK, COLO.

LOCATION.--Lat 37°52'36", long 108°34'57", Dolores County, 0.2 mi (0.3 km) downstream from ford, 6.5 mi (10.5 km) southeast of Cedar, and 19 mi (31 km) northeast of town of Dove Creek.

DRAINAGE AREA.--147 mi² (381 km²).

REMARKS.--Several small reservoirs and ponds above station. Small diversions for irrigation above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
DISAPPOINTMENT CREEK NEAR DOVE CREEK, 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																																			
1958								5	15	4	4	17	12	9	63	15	13	27	36	10	17	5	15	11	10	10	10	9	8	18	14	2	6		
1959	21							10	2	12	5	66	17	44	36	11	14	16	30	19	12	7	23	8	2	5	3	2							
1960	36							4	5	4	33	57	11	39	20	15	10	5	5	7	6	7	5	16	22	17	18	14	9	1					
1961	32							33	2	32	2	37	4	28	5	16	18	7	11	11	22	11	16	19	21	20	8	7	2	1					
1962	44							4	2	3	3	5	36	29	5	31	55	16	13	16	6	4	10	18	13	13	11	18	7	3					
1963	31							7	12	44	11	18	20	47	20	36	7	12	7	5	6	9	15	19	13	11	9	3	2	1					
1964	27							36	31	2	34	29	23	12	8	10	22	5	8	10	19	12	9	11	19	10	7	16	2	2	2				
1965	12							12	14	1	21	32	26	2	10	18	18	22	9	17	18	14	17	10	9	9	19	27	9	14	4	1			

0916d100 DISAPPOINTMENT CREEK NEAR DOVE CREEK, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30 CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
DISAPPOINTMENT CREEK NEAR DOVE CREEK, 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		
	NUMBER OF DAYS IN CLASS																																			
1966	6							5	7	4	4	11	10	11	13	77	17	30	16	26	11	17	9	9	21	29	16	14	2							
1967	7		1					4	2	6	6	10	30	21	16	50	14	32	54	28	15	12	9	9	18	10	4	2	4	1						
1968	1			4				10	11	10	10	44	44	24	15	20	30	19	9	8	5	11	16	14	15	15	14	12	5							
1969	17			3				4	12	23	26	30	42	23	16	15	10	10	6	8	8	6	13	15	6	10	19	25	10	7	1					
1970				1				2		1		1	1	2	5	60	74	54	21	16	22	10	14	16	14	13	10	8	13	5				1	1	
1971	10			1				3		2	2	1	9	11	70	41	39	14	25	18	8	7	13	38	33	15	2	2							1	
1972	14	1		1		6	3	7	11	19	16	5	24	79	35	12	6	14	10	30	32	15	15	8	1											
1973					2	1								35	51	61	25	14	14	21	24	11	13	6	11	14	8	22	11	18	3					
1974	29	1			2	2	1	3	5	6	7	14	79	62	24	9	7	11	14	29	11	15	9	12	11	1	1									
1975	11				7	7	3	2	6	14	9	39	28	50	11	11	13	2	13	18	17	13	18	14	8	19	10	18	4							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	298	6574	100.0	12	0.7	357	5307	80.7	24	27	288	1188	18.0
1	0.01	0	6276	95.5	13	1.0	324	4950	75.3	25	37	239	900	13.6
2	0.02	2	6276	95.5	14	1.3	317	4626	70.4	26	50	197	661	10.0
3	0.03	0	6274	95.4	15	1.8	712	4309	65.5	27	67	202	464	7.0
4	0.04	11	6274	95.4	16	2.5	499	3597	54.7	28	91	88	262	3.9
5	0.06	7	6263	95.3	17	3.3	400	3098	47.1	29	120	102	174	2.6
6	0.09	1	6256	95.2	18	4.5	278	2698	41.0	30	170	39	72	1.0
7	0.10	153	6255	95.1	19	6.1	254	2420	36.8	31	230	21	33	.5
8	0.20	127	6102	92.8	20	8.2	240	2166	32.9	32	300	10	12	.1
9	0.30	144	5975	90.9	21	11.0	221	1926	29.3	33	410	2	2	
10	0.40	188	5831	88.7	22	15.0	264	1705	25.9	34				
11	0.50	336	5643	85.8	23	20.0	253	1441	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
DISAPPOINTMENT CREEK NEAR DOVE CREEK, CO.

YEAR	1	3	7	15	30	60	90	120	183
1958	386.0 3	368.0 1	337.0 1	257.0 2	217.0 2	156.0 2	115.0 2	89.0 2	59.0 2
1959	150.0 13	74.0 17	64.0 15	46.0 17	34.0 17	23.0 17	19.0 18	16.0 18	13.0 17
1960	132.0 15	108.0 11	90.0 11	71.0 10	65.0 9	57.0 8	50.0 6	41.0 6	28.0 7
1961	177.0 10	82.0 15	62.0 16	57.0 14	48.0 14	35.0 14	32.0 14	26.0 14	22.0 13
1962	142.0 14	132.0 9	114.0 7	99.0 7	86.0 7	64.0 6	50.0 7	39.0 7	26.0 8
1963	176.0 11	93.0 12	57.0 17	48.0 16	39.0 15	32.0 15	23.0 15	19.0 16	16.0 15
1964	201.0 7	161.0 7	101.0 9	74.0 9	53.0 11	39.0 13	35.0 12	32.0 11	24.0 12
1965	238.0 5	176.0 6	168.0 4	146.0 3	117.0 4	99.0 4	80.0 4	65.0 4	48.0 3
1966	96.0 18	90.0 14	75.0 13	62.0 12	51.0 12	49.0 10	46.0 9	36.0 9	25.0 10
1967	213.0 6	127.0 10	94.0 10	51.0 15	36.0 16	22.0 18	23.0 16	21.0 15	16.0 16
1968	97.0 17	93.0 13	89.0 12	80.0 8	67.0 8	50.0 9	40.0 10	31.0 12	24.0 11
1969	190.0 8	132.0 8	115.0 5	104.0 6	94.0 5	78.0 5	60.0 5	49.0 5	36.0 5
1970	492.0 1	197.0 4	114.0 6	110.0 5	89.0 6	61.0 7	48.0 8	37.0 8	34.0 6
1971	411.0 2	202.0 3	109.0 8	58.0 13	51.0 13	42.0 11	39.0 11	32.0 10	26.0 9
1972	125.0 16	49.0 18	40.0 18	35.0 18	30.0 18	23.0 16	20.0 17	17.0 17	12.0 18
1973	348.0 4	315.0 2	280.0 2	258.0 1	233.0 1	182.0 1	142.0 1	112.0 1	78.0 1
1974	161.0 12	81.0 16	73.0 14	68.0 11	60.0 10	41.0 12	34.0 13	28.0 13	21.0 14
1975	186.0 9	186.0 5	170.0 3	143.0 4	127.0 3	104.0 3	82.0 3	66.0 3	46.0 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
DISAPPOINTMENT CREEK NEAR DOVE CREEK, CO.

YEAR	1	3	7	14	30	60	90	120	183
1959	0.10 14	0.10 13	0.19 13	0.19 12	0.70 10	0.75 9	0.94 8	1.40 9	2.40 9
1960	0.00 1	0.00 1	0.00 1	0.03 8	0.40 8	0.50 7	0.70 7	0.94 7	1.50 7
1961	0.00 2	0.00 2	0.00 2	0.00 1	0.04 3	0.21 3	0.33 4	0.56 5	0.94 4
1962	0.00 3	0.00 3	0.00 3	0.05 9	0.72 11	0.91 10	1.40 10	1.80 11	3.50 13
1963	0.00 4	0.00 4	0.00 4	0.00 2	0.02 1	0.39 6	0.61 6	0.87 6	2.10 8
1964	0.00 5	0.00 5	0.00 5	0.00 3	0.02 2	0.15 1	0.23 1	0.33 1	0.51 1
1965	0.00 6	0.00 6	0.00 6	0.01 7	0.07 4	0.21 2	0.30 3	0.41 2	1.19 5
1966	1.00 16	1.30 17	1.50 16	1.70 15	1.70 14	1.90 13	2.70 16	3.80 17	6.90 16
1967	0.00 7	0.00 7	0.00 7	0.12 10	0.98 12	1.30 12	1.40 11	1.60 10	2.90 11
1968	0.00 8	0.00 8	0.04 12	0.13 11	0.17 7	0.33 5	0.38 5	0.44 4	0.90 3
1969	0.00 9	0.00 9	0.00 8	0.00 4	0.08 5	0.24 4	0.28 2	0.41 3	0.57 2
1970	0.70 15	0.78 15	0.89 15	1.10 14	2.10 17	2.20 17	2.40 15	2.60 13	3.20 12
1971	0.05 13	0.10 14	0.43 14	1.80 16	1.90 15	2.10 14	2.30 13	2.70 14	4.30 15
1972	0.00 10	0.00 10	0.03 11	0.38 13	1.30 13	2.20 15	2.90 17	2.70 15	3.80 14
1973	0.00 11	0.00 11	0.00 9	0.00 5	0.41 9	0.58 8	2.10 12	3.50 16	7.50 17
1974	1.19 17	1.30 16	1.60 17	1.80 17	1.90 16	2.20 16	2.40 14	2.40 12	2.70 10
1975	0.00 12	0.00 12	0.00 10	0.00 6	0.10 6	0.91 11	1.19 9	1.30 8	1.40 6

DOLOROS RIVER BASIN

09168500 DISAPPOINTMENT CREEK NEAR CEDAR, 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
DISAPPOINTMENT CREEK NEAR CEDAR, CO.

YEAR	1	3	7	14	30	60	90	120	183
1954	0.00 1	0.00 1	0.00 1	0.00 1	0.05 2	0.27 2	0.60 3	1.00 3	2.60 2
1955	0.00 2	0.00 2	0.00 2	0.02 3	0.40 3	0.40 3	0.50 2	0.52 2	4.30 3
1956	0.00 3	0.00 3	0.00 3	0.00 2	0.00 1	0.00 1	0.15 1	0.28 1	0.55 1

09169000 TWOMILE CREEK NEAR LA SAL, UTAH

LOCATION.--Lat 38°21'19", long 109°07'10", in NW¼ sec.24, T.28 S., R.25 E., San Juan County, on left bank just downstream from Pole Springs Canyon, 2.2 mi (3.5 km) upstream from mouth, and 7.5 mi (12.1 km) northeast of La Sal.

DRAINAGE AREA.--11.3 mi² (18.2 km²).

REMARKS.--Two diversions for irrigation of hay meadows above station. One diversion above station exports water to West Paradox Creek basin.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TWOMILE CREEK NEAR LA SAL, UT.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
1945			4	7	13	65	16	24	34	5	1	2	4	6	3	5	9	3	2	1	1	7	4	1	6	6	9	2	3		2					
1946		78	12	51	52	86	6	14	5	3	8	6	18	4	12	7	3																			
1947			48	94	18	35	93	3	1	9	6	14	4	6	7	4																				
1948			47	162	18	4	40	12	1	7	8	7	5	9	1	4		2	2	3	1	4	10	2		7	6	2	2							
1949			13	50	122	51	15	18	4	4	7	4	3	3	2	1		2	4	9	2	2	6	4	12	11	6	5	3							
1950			2	27	92	86	35	35	5	13	11	6	6	8	4	4		2	3	4	8	7	2	3	2											
1951			19	143	97	36	30	11	6	17	5	1																								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2556	100.0	12	1.9	53	374	14.6	24	20	28	87	3.4
1	0.10	78	2556	100.0	13	2.3	30	321	12.6	25	25	25	59	2.3
2	0.20	31	2478	96.9	14	2.8	36	291	11.4	26	30	17	34	1.3
3	0.30	249	2447	95.7	15	3.5	25	255	10.0	27	37	9	17	.6
4	0.40	798	2198	86.0	16	4.2	20	230	9.0	28	45	6	8	.3
5	0.50	421	1400	54.8	17	5.1	7	210	8.2	29	54	2	2	
6	0.60	147	979	38.3	18	6.2	15	203	7.9	30	66	2	2	
7	0.70	254	832	32.6	19	7.6	25	188	7.4	31				
8	0.90	74	578	22.6	20	9.2	9	163	6.4	32				
9	1.10	33	504	19.7	21	11.0	23	154	6.0	33				
10	1.30	60	471	18.4	22	14.0	32	131	5.1	34				
11	1.60	37	411	16.1	23	17.0	12	99	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
TWOMILE CREEK NEAR LA SAL, UT.

YEAR	1	3	7	15	30	60	90	120	183
1945	72.0 1	63.0 1	54.0 1	41.0 1	33.0 1	21.0 2	14.0 2	11.0 2	7.4 2
1946	4.4 6	4.3 6	4.0 6	3.6 6	3.1 6	2.4 6	1.9 6	1.5 6	1.1 6
1947	18.0 5	17.0 5	16.0 5	12.0 5	8.1 5	5.8 5	4.2 5	3.3 5	2.4 5
1948	42.0 3	35.0 3	32.0 3	26.0 3	21.0 3	13.0 3	9.5 3	7.3 3	5.0 3
1949	49.0 2	48.0 2	45.0 2	38.0 2	31.0 2	23.0 1	17.0 1	13.0 1	8.4 1
1950	27.0 4	24.0 4	19.0 4	17.0 4	14.0 4	8.3 4	6.0 4	4.6 4	3.2 4
1951	2.2 7	1.9 7	1.7 7	1.5 7	1.2 7	1.0 7	0.9 7	0.8 7	0.7 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
TWOMILE CREEK NEAR LA SAL, UT.

YEAR	1	3	7	14	30	60	90	120	183
1946	0.20 5	0.27 5	0.29 5	0.29 4	0.30 3	0.34 4	0.37 6	0.41 5	0.42 5
1947	0.10 1	0.10 1	0.10 1	0.10 1	0.10 1	0.10 1	0.11 1	0.17 1	0.27 1
1948	0.30 6	0.30 6	0.30 6	0.30 5	0.30 4	0.33 2	0.34 2	0.36 2	0.36 2
1949	0.20 2	0.20 2	0.24 3	0.26 3	0.33 5	0.36 5	0.37 3	0.40 4	0.39 3
1950	0.20 3	0.20 3	0.20 2	0.24 2	0.27 2	0.33 3	0.37 4	0.44 6	0.48 6
1951	0.20 4	0.23 4	0.29 4	0.31 6	0.35 6	0.36 6	0.37 5	0.38 3	0.41 4

09169000 TWOMILE CREEK NEAR LA SAL, UTAH,--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,SKWEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.44	0.46	0.46	0.46	0.54	1.08	10.5	10.2	1.44	0.42	0.35	0.35
0.00	0.01	0.02	0.02	0.02	0.07	63.5	104	2.39	0.03	0.02	0.01
0.07	0.08	0.14	0.13	0.14	0.27	7.97	10.2	1.55	0.17	0.13	0.08
1.74	2.31	1.05	0.68	0.42	0.06	-0.04	0.78	2.00	-0.99	-1.03	-1.88
0.16	0.18	0.31	0.27	0.25	0.25	0.76	1.00	1.07	0.40	0.38	0.24
1.66	1.71	1.73	1.74	2.01	4.07	39.3	38.2	5.41	1.56	1.29	1.31

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,SKWEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
-0.36	-0.34	-0.35	-0.35	-0.28	0.02	0.82	0.74	-0.01	-0.43	-0.50	-0.47
0.00	0.00	0.02	0.01	0.01	0.01	0.28	0.32	0.15	0.07	0.05	0.02
0.06	0.07	0.13	0.12	0.11	0.11	0.53	0.57	0.39	0.26	0.23	0.13
1.61	2.17	0.47	0.08	-0.06	-0.37	-0.94	-0.07	0.94	-2.08	-2.02	-2.12
-0.17	-0.20	-0.36	-0.34	-0.39	4.89	0.65	0.77	-64.8	-0.60	-0.46	-0.28
23.8	22.9	23.4	23.0	18.7	-1.53	-54.6	-49.2	0.40	28.5	33.4	31.3

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.23	2.31	1.52	0.47	0.68	-0.047

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.24	0.12	0.35	-0.35	1.45	-0.039

09169500 DOLORES RIVER AT BEDROCK, COLO.

LOCATION.--Lat 38°18'37", long 108°53'05", in NW¼SW¼ sec.20, T.47 N., R.18 W., Montrose County, on right bank at upstream side of bridge, 0.4 mi (0.6 km) southeast of Bedrock and 3.1 mi (5.0 km) upstream from East Paradox Creek.

DRAINAGE AREA.--2,024 mi² (5,242 km²).

REMARKS.--Diversions above station for irrigation of about 5,000 acres (20.2 km²) above station and about 33,000 acres (134 km²) in the San Juan River basin.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

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
MEAN DOLORES RIVER AT BEDROCK, CO.																																			
1919	NUMBER OF DAYS IN CLASS																																		
1920	7 9 29 116 24 10 11 18 42 10 17 18 11 42 1																																		
1921	31 4 14 80 99 13 7 13 12 4 13 23 31 22																																		
1922	5 22 6 36 39 94 19 17 8 10 26 22 16 35 10																																		
1922	8 16 15 10 83 79 24 1 3 3 3 36 10 15 24 2																																		
1972	30 2 1 8 16 19 27 16 27 60 19 26 38 21 26 3																																		
1973	5 11 7 1 7 13 18 6 16 19 27 16 27 60 19 26 38 21 26 3																																		
1973	3 23 31 9 2 16 48 59 41 24 17 6 6 21 18 23 17 1																																		
1974	1 5 1 1 9 3 1 15 4 11 8 3 7 14 30 37 6 15 80 28 10 16 19 10 6 16 9																																		
1975	2 25 21 37 23 27 79 29 7 11 7 3 4 7 23 22 24 13 1																																		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1	2922	100.0	12	1.3	15	2847	97.4	24	190	172	933	31.9
1	0.01	5	2921	100.0	13	2.0	16	2832	96.9	25	290	92	761	26.0
2	0.02	0	2916	99.8	14	3.0	57	2816	96.4	26	430	95	669	22.8
3	0.03	1	2916	99.8	15	4.6	54	2759	94.4	27	650	83	574	19.6
4	0.04	5	2915	99.8	16	6.9	71	2705	92.6	28	990	120	491	16.8
5	0.07	12	2910	99.6	17	10.0	138	2634	90.1	29	1500	134	371	12.6
6	0.10	16	2898	99.2	18	16.0	185	2496	85.4	30	2300	124	237	8.1
7	0.20	3	2882	98.6	19	24.0	208	2311	79.1	31	3400	92	113	3.8
8	0.30	1	2879	98.5	20	36.0	272	2103	72.0	32	5200	20	21	.7
9	0.40	16	2878	98.5	21	55.0	345	1831	62.7	33	7800	1	1	
10	0.60	4	2862	97.9	22	83.0	367	1486	50.9	34				
11	0.90	11	2858	97.8	23	130.0	186	1119	38.3					

DOLORES RIVER BASIN

09169500 DOLORES RIVER AT BEDROCK, 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
DOLORES RIVER AT BEDROCK, CO.

YEAR	1	3	7	15	30	60	90	120	183
1919	2300.0 6	2180.0 6	2110.0 6	2030.0 6	1900.0 6	1650.0 6	1280.0 6	1040.0 6	735.0 6
1920	4040.0 4	3920.0 4	3840.0 4	3730.0 3	3440.0 3	3130.0 2	2620.0 2	2070.0 2	1410.0 2
1921	3730.0 5	3610.0 5	3500.0 5	3200.0 5	3000.0 5	2680.0 5	2130.0 5	1720.0 5	1230.0 3
1922	5390.0 3	5250.0 2	5040.0 2	4540.0 2	4190.0 2	3080.0 3	2380.0 3	1830.0 3	1230.0 4
1972	763.0 8	623.0 8	554.0 8	485.0 8	366.0 8	339.0 8	298.0 8	286.0 8	217.0 8
1973	8150.0 1	7640.0 1	6340.0 1	5880.0 1	5500.0 1	4400.0 1	3480.0 1	2710.0 1	1840.0 1
1974	1380.0 7	1330.0 7	1200.0 7	1070.0 7	838.0 7	560.0 7	420.0 7	328.0 7	231.0 7
1975	5950.0 2	5040.0 3	4050.0 3	3310.0 4	3050.0 4	2780.0 4	2250.0 4	1750.0 4	1170.0 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
DOLORES RIVER AT BEDROCK, CO.

YEAR	1	3	7	14	30	60	90	120	183
1919	6.00 3	6.00 3	6.00 3	6.90 3	14.00 4	20.00 4	23.00 4	24.00 4	28.00 3
1920	10.00 5	11.00 5	12.00 5	14.00 5	35.00 6	45.00 6	68.00 6	69.00 6	72.00 5
1921	14.00 7	14.00 6	16.00 6	18.00 6	24.00 5	32.00 5	60.00 5	65.00 5	68.00 4
1922	11.00 6	16.00 7	18.00 7	20.00 7	56.00 7	79.00 7	80.00 7	82.00 7	83.00 6
1973	0.06 2	0.06 2	0.06 2	0.07 1	1.10 2	2.10 1	5.70 2	17.00 2	102.00 7
1974	7.80 4	8.20 4	8.80 4	9.60 4	10.00 3	11.00 3	13.00 3	17.00 3	26.00 2
1975	0.00 1	0.01 1	0.01 1	0.25 2	0.77 1	2.80 2	4.70 1	7.70 1	14.00 1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
89.9	70.9	61.4	65.5	80.7	185	1090	2595	1661	333	98.1	33.7
11260	3691	924	793	1673	9406	448500	2477000	1373000	72000	24750	1611
106	60.8	30.4	28.2	40.9	97.0	670	1574	1172	268	157	40.1
2.09	0.94	0.34	0.45	0.37	0.44	0.52	-0.09	-0.45	0.08	2.36	2.14
1.18	0.86	0.49	0.43	0.51	0.52	0.61	0.61	0.71	0.80	1.60	1.19
1.41	1.11	0.96	1.03	1.27	2.90	17.1	40.8	26.1	5.24	1.54	0.53

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.68	1.69	1.74	1.78	1.85	2.21	2.94	3.29	3.00	2.18	1.51	1.27
0.32	0.18	0.05	0.04	0.07	0.06	0.12	0.17	0.34	0.69	0.55	0.29
0.57	0.42	0.23	0.21	0.26	0.24	0.35	0.41	0.59	0.83	0.74	0.54
-0.19	0.01	-0.23	-0.68	-0.68	0.00	-0.94	-1.36	-1.18	-1.63	0.05	-0.21
0.34	0.25	0.13	0.12	0.14	0.11	0.12	0.12	0.20	0.38	0.49	0.42
6.67	6.71	6.91	7.07	7.36	8.80	11.7	13.1	11.9	8.67	6.01	5.05

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
532	91490	302	-0.22	0.57	-0.753

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.63	0.12	0.35	-1.03	0.13	-0.585

09170500 WEST PARADOX CREEK NEAR PARADOX, COLO.

LOCATION.--Lat 38°23'00", long 108°59'46", in NE¼SW¼ sec.29, T.48 N., R.19 W., Montrose County, on left bank 0.1 mi (0.2 km) downstream from La Sal National Forest boundary, 2.0 mi (3.2 km) northwest of Paradox.

DRAINAGE AREA.--23.6 mi² (61.1 km²).

REMARKS.--Water diverted from Geyser and Deep Creeks in Roc Creek basin is stored in Buckeye Reservoir (capacity, 3,000 acre-ft or 3.70 hm³) and released down West Paradox Creek for irrigation below station. One diversion above station for irrigation of about 50 acres (202,000 m²) below. One diversion imports water from Twomile Creek to West Paradox Creek below Buckeye Reservoir.

09170500 WEST PARADOX CREEK NEAR PARADOX, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WEST PARADOX CREEK NEAR PARADOX, 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																																				
1945			3	16	38	87	8	5	7	6	8	5	2	1	13	17	20	8	10	19	17	9	15	13	12	12	11	1									
1946	13	6	3	13	66	26	27	4		7	11	34	11	45	28	12	14	38	6	1																	
1947		7	36	21	21	5	4	15	29	17	16	6	14	6	24	12	20	31	16	14	15	17	9	2	1	5	2										
1948		2	22	59	54	12	1	2	5	1	1	1	3	5	5	23	19	16	25	10	32	15	12	12	5	24											
1949		9	11	58	34	17	2	7	9	8	10	16	4	2	13	8	11	14	6	4	24	9	8	2	26	23	26	4									
1950			9	21	36	22	13	24	9	14	6	4	5	7	12	23	9	10	22	19	44	20	14	13	9												
1951		3	56	30	33	25	12	2	1	5	1																										
1952			22	15	15	66	13	16	4	4		3	9	12	2	2	5	4	4	21	28	14	17	6	20	6	14	31	4	6	3						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2922	100.0	12	2.3	81	1581	54.1	24	29	50	249	8.5
1	0.10	27	2922	100.0	13	2.9	90	1500	51.3	25	36	69	199	6.8
2	0.20	136	2895	99.1	14	3.5	119	1410	48.3	26	44	53	130	4.4
3	0.30	240	2759	94.4	15	4.4	168	1291	44.2	27	54	60	77	2.6
4	0.40	244	2519	86.2	16	5.4	102	1123	38.4	28	67	8	17	.5
5	0.50	316	2275	77.9	17	6.7	122	1021	34.9	29	83	6	9	.3
6	0.70	78	1959	67.0	18	8.2	161	899	30.8	30	100	3	3	.1
7	0.80	82	1881	64.4	19	10.0	101	738	25.3	31				
8	1.00	52	1799	61.6	20	12.0	141	637	21.8	32				
9	1.20	68	1747	59.8	21	15.0	102	496	17.0	33				
10	1.50	48	1679	57.5	22	19.0	84	394	13.5	34				
11	1.90	50	1631	55.8	23	23.0	61	310	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
WEST PARADOX CREEK NEAR PARADOX, CO.

YEAR	1	3	7	15	30	60	90	120	183
1945	55.0 4	52.0 4	48.0 4	38.0 4	31.0 4	28.0 3	26.0 3	21.0 3	16.0 3
1946	12.0 8	11.0 8	10.0 8	9.5 8	9.0 7	8.5 8	7.2 8	6.5 8	5.2 8
1947	57.0 3	54.0 3	52.0 3	38.0 5	31.0 5	22.0 5	19.0 5	17.0 5	13.0 6
1948	43.0 5	42.0 5	42.0 5	40.0 3	34.0 3	28.0 4	23.0 4	20.0 4	16.0 4
1949	74.0 2	67.0 2	65.0 2	57.0 2	53.0 2	49.0 2	47.0 2	39.0 2	28.0 2
1950	33.0 6	32.0 6	31.0 6	28.0 6	22.0 6	20.0 6	18.0 6	16.0 6	13.0 5
1951	16.0 7	16.0 7	14.0 7	10.0 7	8.8 8	8.5 7	7.9 7	6.9 7	5.7 7
1952	106.0 1	98.0 1	95.0 1	86.0 1	66.0 1	60.0 1	52.0 1	43.0 1	32.0 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
WEST PARADOX CREEK NEAR PARADOX, CO.

YEAR	1	3	7	14	30	60	90	120	183
1946	0.10 1	0.10 1	0.10 1	0.11 1	0.29 6	0.49 7	0.57 7	0.57 6	1.00 6
1947	0.20 6	0.20 7	0.20 5	0.25 7	0.29 7	0.35 5	0.40 5	0.59 7	0.99 5
1948	0.10 2	0.13 4	0.21 6	0.24 5	0.26 3	0.27 2	0.31 2	0.33 3	0.96 4
1949	0.10 3	0.10 2	0.10 2	0.17 2	0.27 4	0.29 3	0.31 3	0.32 2	0.87 1
1950	0.20 7	0.20 5	0.23 7	0.24 6	0.29 5	0.36 6	0.39 4	0.49 4	1.10 7
1951	0.10 4	0.13 3	0.17 3	0.19 3	0.19 1	0.24 1	0.29 1	0.30 1	0.89 2
1952	0.20 5	0.20 6	0.20 4	0.22 4	0.25 2	0.34 4	0.50 6	0.53 5	0.89 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)											
2.52	0.67	0.52	0.46	0.41	0.97	19.2	27.4	23.7	13.0	7.97	6.31
0.38	0.10	0.05	0.04	0.02	0.32	395	245	239	27.1	10.4	9.25
0.62	0.32	0.22	0.20	0.12	0.57	19.9	15.6	15.4	5.20	3.22	3.04
0.30	1.54	1.01	0.91	0.80	0.15	1.50	0.23	0.80	-0.30	0.08	0.43
0.24	0.48	0.43	0.43	0.30	0.58	1.04	0.57	0.65	0.40	0.40	0.48
2.45	0.65	0.50	0.45	0.40	0.95	18.6	26.6	23.0	12.6	7.74	6.12

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	-0.21	-0.32	-0.37	-0.40	-0.10	1.07	1.36	1.29	1.07	0.87	0.75
0.01	0.03	0.03	0.03	0.02	0.11	0.22	0.09	0.09	0.05	0.04	0.05
0.11	0.19	0.18	0.18	0.12	0.33	0.47	0.30	0.30	0.21	0.19	0.22
0.14	0.81	0.27	0.55	0.46	-0.95	0.09	-0.65	-0.13	-1.14	-0.43	-0.13
0.27	-0.87	-0.56	-0.48	-0.31	-3.28	0.44	0.22	0.24	0.20	0.22	0.29
7.22	-3.94	-5.90	-6.84	-7.44	-1.84	19.9	25.2	23.8	19.9	16.1	13.9

DOLORES RIVER BASIN

09170500 WEST PARADOX CREEK NEAR PARADOX, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
8.60	23.4	4.84	0.68	0.56	-0.281

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.87	0.07	0.26	-0.28	0.30	-0.301

09171000 WEST PARADOX CREEK NEAR BEDROCK, COLO.

LOCATION.--Lat 38°19'48", long 108°52'16", in SE¼NE¼ sec.17, T.47 N., R.18 W., Montrose County, on right bank 0.8 mi (1.3 km) upstream from mouth and 1.5 mi (2.4 km) northeast of Bedrock.

DRAINAGE AREA.--55.3 mi² (143.2 km²).

REMARKS.--Natural flow of stream affected by water imported from Roc Creek basin through Buckeye Reservoir (capacity, 3,000 acre-ft or 3.70 hm³), diversions for irrigation of about 3,000 acres (12.1 km²), and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WEST PARADOX CREEK NEAR BEDROCK, 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
1945			6	11	13	5	4	4	15	8	26	34	24	13	5	15	8	16	28	72	32	9	10	3	1		1	1	1						
1946	57	40	48	13	2	2	3	1	3	4	7	2	8	6	4	8	14	83	51	2	4					1	2								
1947	60	60	62	15	11	6	8	4	15	16	23	22	35	23	4																				
1948	14	28	38	9	2	4	4	4	16	7	16	5	35	34	10	14	17	27	24	10	14	7	12	3	3	4	5								
1949			5	9	15	24	5	12	5	6	3	2	2	2	2	3	17	34	44	40	16	24	31	14	10	9	13	11	6	4	1				
1950		54	31	30	5	32	6	5	3	2	2	2	6	14	6	5	15	19	63	39	13	4	6	1	2										
1951	80	30	89	12	8	6	10	1	1	1	8	1	1	2	6	4	5	10	16	55	18	1													
1952	34	9	4	5	3	60	3	3	8	3	6	3	9	5	1		25	11	66	32	9	13	10	12	6	3	4	8	11						

CLASS	VALUE	TOTAL	ACCU	PERCT	CLASS	VALUE	TOTAL	ACCU	PERCT	CLASS	VALUE	TOTAL	ACCU	PERCT
0	0.00	245	2922	100.0	12	1.8	118	1521	52.1	24	18	22	107	3.6
1	0.10	221	2677	91.6	13	2.2	99	1403	48.0	25	22	17	85	2.9
2	0.20	278	2456	84.1	14	2.7	38	1304	44.6	26	27	25	68	2.3
3	0.30	100	2178	74.5	15	3.2	49	1266	43.3	27	33	19	43	1.4
4	0.40	53	2078	71.1	16	3.9	102	1217	41.6	28	39	18	24	.8
5	0.50	130	2025	69.3	17	4.7	200	1115	38.2	29	48	4	6	.2
6	0.60	62	1895	64.9	18	5.7	292	915	31.3	30	58	2	2	
7	0.70	27	1833	62.7	19	7.0	250	623	21.3	31				
8	0.80	73	1806	61.8	20	8.4	106	373	12.8	32				
9	1.00	46	1733	59.3	21	10.0	58	267	9.1	33				
10	1.20	94	1687	57.7	22	12.0	69	209	7.2	34				
11	1.50	72	1593	54.5	23	15.0	33	140	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
WEST PARADOX CREEK NEAR BEDROCK, CO.

YEAR	1	3	7	15	30	60	90	120	183
1945	82.0 1	30.0 4	15.0 4	11.0 4	10.0 4	9.5 4	9.2 4	8.7 3	8.0 3
1946	31.0 5	20.0 5	12.0 5	8.4 7	6.9 7	6.1 7	5.7 7	5.7 7	5.3 6
1947	4.3 8	2.9 8	2.5 8	2.3 8	2.1 8	2.1 8	1.8 8	1.6 8	1.3 8
1948	32.0 4	31.0 3	26.0 3	22.0 3	16.0 3	11.0 3	9.7 3	7.8 4	6.2 5
1949	58.0 2	52.0 1	49.0 1	40.0 1	29.0 2	21.0 1	23.0 1	20.0 1	16.0 1
1950	20.0 6	15.0 6	12.0 6	10.0 5	8.6 5	7.7 5	7.4 5	7.2 5	6.6 4
1951	11.0 7	9.7 7	9.1 7	8.5 6	8.0 6	7.6 6	7.4 6	6.7 6	4.6 7
1952	44.0 3	43.0 2	41.0 2	39.0 2	33.0 1	20.0 2	15.0 2	15.0 2	12.0 2

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WEST PARADOX CREEK NEAR BEDROCK, CO.

YEAR	1	3	7	14	30	60	90	120	183
1946	0.20 6	0.20 6	0.21 6	0.33 6	0.44 6	1.00 7	1.10 6	1.70 6	2.70 6
1947	0.00 1	0.00 1	0.00 1	0.00 1	0.03 2	0.05 2	0.09 2	0.13 2	0.28 2
1948	0.00 2	0.00 2	0.00 2	0.00 2	0.04 3	0.18 3	0.19 3	0.22 3	0.29 3
1949	0.00 3	0.00 3	0.00 3	0.05 4	0.25 5	0.50 5	0.54 5	0.61 5	2.00 5
1950	0.30 7	0.33 7	0.37 7	0.38 7	0.50 7	0.99 6	1.19 7	1.80 7	3.40 7
1951	0.10 5	0.10 5	0.10 5	0.10 5	0.12 4	0.20 4	0.21 4	0.24 4	0.32 4
1952	0.00 4	0.00 4	0.00 4	0.00 3	0.00 1	0.01 1	0.01 1	0.01 1	0.06 1

09171000 WEST PARADOX CREEK NEAR BEDROCK, 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)											
2.93	4.06	5.91	6.63	7.01	5.92	11.1	2.84	4.23	0.56	1.01	1.04
6.78	5.37	8.40	14.0	6.79	10.7	176	14.6	93.0	0.27	1.29	1.30
2.60	2.32	2.90	3.75	2.61	3.27	13.3	3.82	9.64	0.52	1.13	1.14
0.29	-0.80	-0.40	0.16	-0.55	-0.12	0.94	1.65	2.76	0.88	1.60	0.70
0.89	0.57	0.49	0.57	0.37	0.55	1.20	1.35	2.28	0.94	1.12	1.09
5.51	7.64	11.1	12.5	13.2	11.1	20.8	5.34	7.94	1.05	1.90	1.95

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)											
0.00	0.48	0.70	0.74	0.81	0.68	0.53	0.07	-0.14	-0.52	-0.36	-0.48
1.03	0.19	0.09	0.10	0.05	0.11	0.74	0.41	0.65	0.35	0.62	0.94
1.01	0.44	0.30	0.32	0.22	0.34	0.86	0.64	0.81	0.59	0.79	0.97
-1.41	-1.36	-1.45	-0.96	-1.95	-1.12	-0.23	0.30	1.21	-0.65	-1.37	-1.30
-282	0.92	0.43	0.44	0.27	0.49	1.64	9.01	-5.57	-1.15	-2.18	-2.02
-0.14	19.1	28.1	29.5	32.3	27.4	21.1	2.86	-5.80	-20.6	-14.5	-19.2

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
4.41	8.28	2.88	0.98	0.65	-0.082

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.55	0.12	0.34	-0.95	0.62	-0.030

09171100 DOLORES RIVER NEAR BEDROCK, COLO.

LOCATION.--Lat 38°21'29", long 108°49'54", in SW¼NW¼ sec.2, T.47 N., R.18 W., Montrose County, on right bank 2.5 mi (4.0 km) downstream from West Paradox Creek and 4.3 mi (6.9 km) northeast of Bedrock.

DRAINAGE AREA.--2,145 mi² (5,556 km²).

REMARKS.--Divisions above station for irrigation of about 41,000 acres (166 km²), of which about 33,000 acres (134 km²) is in the San Juan River basin.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
DOLORES RIVER NEAR BEDROCK, 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																																					
1972		6	4	5	4	17	3	12	10	4	6	3	18	17	4	28	17	38	42	10	18	29	21	15	19	14	2										
1973																				27	73	22	20	16	22	10	2	5	12	13	13	17	16	13	1		
1974			1	6	12	9	9	23	5	15	5	2	15	46	11	11	47	43	15	10	13	10	12	9	6	8	11	9	2								
1975										3	29	3	31	26	11	27	54	36	22	6	7	8	2	4	2	2	9	9	20	16	17	16	4	1			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1461	100.0	12	11.0	77	1261	86.3	24	400	49	291	19.9
1	0.40	6	1461	100.0	13	15.0	114	1184	81.0	25	540	34	242	16.5
2	0.60	5	1455	99.6	14	21.0	39	1070	73.2	26	730	24	208	14.2
3	0.80	11	1450	99.2	15	28.0	77	1031	70.6	27	980	23	184	12.5
4	1.10	16	1439	98.5	16	38.0	120	954	65.3	28	1300	34	161	11.0
5	1.40	26	1423	97.4	17	50.0	121	834	57.1	29	1800	29	127	8.6
6	1.90	12	1397	95.6	18	68.0	90	713	48.8	30	2400	30	98	6.7
7	2.60	35	1385	94.8	19	91.0	53	623	42.6	31	3200	33	68	4.6
8	3.50	15	1350	92.4	20	120.0	111	570	39.0	32	4300	20	35	2.3
9	4.70	22	1335	91.4	21	170.0	69	459	31.4	33	5800	14	15	1.0
10	6.30	40	1313	89.9	22	220.0	55	390	26.7	34	7800	1	1	
11	8.50	12	1273	87.1	23	300.0	44	335	22.9					

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
DOLORES RIVER NEAR BEDROCK, CO.

YEAR	1	3	7	15	30	60	90	120	183									
1972	892.0	4	676.0	4	594.0	4	494.0	4	378.0	4	352.0	4	307.0	4	294.0	4	223.0	4
1973	8300.0	1	7620.0	1	6460.0	1	5910.0	1	5640.0	1	4520.0	1	3610.0	1	2820.0	1	1920.0	1
1974	1390.0	3	1340.0	3	1210.0	3	1080.0	3	857.0	3	575.0	3	433.0	3	346.0	3	243.0	3
1975	5950.0	2	5070.0	2	4070.0	2	3400.0	2	3160.0	2	2860.0	2	2320.0	2	1810.0	2	1210.0	2

DOLORES RIVER BASIN

09171100 DOLORES RIVER NEAR BEDROCK, 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
DOLORES RIVER NEAR BEDROCK, CO.

YEAR	1	3	7	14	30	60	90	120	183
1973	0.44 1	0.50 1	0.59 1	0.99 1	1.50 1	2.20 1	5.10 1	16.00 2	114.00 3
1974	11.00 3	12.00 3	12.00 3	15.00 3	16.00 3	17.00 3	18.00 3	22.00 3	30.00 2
1975	0.68 2	0.86 2	1.10 2	1.19 2	2.40 2	4.10 2	5.80 2	9.30 1	18.00 1

09171200 SAN MIGUEL RIVER NEAR TELLURIDE, COLO.

LOCATION.--Lat 37°56'53", long 107°52'35", San Miguel County, on left bank 0.1 mi (0.2 km) upstream from Remine Creek, 0.3 mi (0.5 km) downstream from bridge on State Highway 145, 0.5 mi (0.8 km) downstream from Prospect Creek, 1.6 mi (2.6 km) upstream from South Fork, and 3.5 mi (5.6 km) west of Telluride.

DRAINAGE AREA.--42.8 mi² (110.8 km²).

REMARKS.--Several small diversions for irrigation of hay meadows above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SAN MIGUEL RIVER NEAR TELLURIDE, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1960		7	66	28	17	10	10	34	53	9	5	9	6	8	6	11	9	4	3	5	11	4	8	7	4	3	4	5	4	7	2	2	4	1	
1961	1	17	47	26	18	47	33	6	3	2	17	20	19	13	11	11	6	5	7	5	8	3	2	3	2	1	4	5	7	7	5	3	1		
1962	12	48	33	25	9	16	26	17	16	20	14	7	7	3	9	6	13	12	10	14	1	6	5	6	8	4	8	8	2						
1963	42	20	47	13	14	13	24	25	19	19	22	10	12	8	8	8	6	6	5	15	6	11	6	2	2	2	2								
1964	2	38	60	35	8	28	19	15	18	16	13	7	12	12	4	7	6	4	4	4	5	4	7	6	4	4	7	7	2	4	2	2			
1965	15	119	8	25	9	5	7	5	3	4	5	4	10	7	15	13	13	10	7	9	4	7	9	4	5	9	5	4	7	11	4	2	1		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2192	100.0	12	41.0	77	826	37.7	24	160	36	233	10.6
1	12.00	3	2192	100.0	13	46.0	58	749	34.2	25	180	22	197	8.9
2	13.00	131	2189	99.9	14	51.0	62	691	31.5	26	200	23	175	7.9
3	15.00	360	2058	93.9	15	58.0	39	629	28.7	27	220	30	152	6.9
4	17.00	177	1698	77.5	16	64.0	61	590	26.9	28	250	30	122	5.5
5	19.00	106	1521	69.4	17	72.0	48	529	24.1	29	280	25	92	4.1
6	21.00	117	1415	64.6	18	81.0	45	481	21.9	30	310	27	67	3.0
7	24.00	96	1298	59.2	19	90.0	42	436	19.9	31	350	20	40	1.8
8	26.00	112	1202	54.8	20	100.0	36	394	18.0	32	390	11	20	.9
9	29.00	121	1090	49.7	21	110.0	62	358	16.3	33	430	7	9	.4
10	33.00	65	969	44.2	22	130.0	22	296	13.5	34	480	2	2	
11	37.00	78	904	41.2	23	140.0	41	274	12.5					

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 MIGUEL RIVER NEAR TELLURIDE, CO.

YEAR	1	3	7	15	30	60	90	120	183
1960	502.0 1	474.0 1	432.0 1	366.0 2	321.0 2	241.0 2	190.0 2	158.0 2	114.0 2
1961	433.0 3	408.0 3	392.0 3	339.0 3	320.0 3	226.0 3	173.0 3	143.0 3	108.0 3
1962	330.0 5	300.0 5	288.0 5	279.0 4	250.0 4	190.0 5	166.0 4	142.0 4	105.0 4
1963	228.0 6	223.0 6	198.0 6	172.0 6	153.0 6	131.0 6	106.0 6	94.0 6	75.0 6
1964	400.0 4	390.0 4	346.0 4	266.0 5	248.0 5	203.0 4	157.0 5	129.0 5	95.0 5
1965	484.0 2	438.0 2	395.0 2	372.0 1	354.0 1	281.0 1	225.0 1	193.0 1	143.0 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
SAN MIGUEL RIVER NEAR TELLURIDE, CO.

YEAR	1	3	7	14	30	60	90	120	183
1961	12.00 1	13.00 2	14.00 4	14.00 4	16.00 5	16.00 4	16.00 4	17.00 4	19.00 3
1962	13.00 4	14.00 5	14.00 5	14.00 5	15.00 4	16.00 5	16.00 5	17.00 5	22.00 5
1963	13.00 5	13.00 3	13.00 1	13.00 1	13.00 1	14.00 1	15.00 1	16.00 3	20.00 4
1964	12.00 2	12.00 1	13.00 2	14.00 2	14.00 2	14.00 2	15.00 2	15.00 1	18.00 1
1965	13.00 3	14.00 4	14.00 3	14.00 3	15.00 3	15.00 3	15.00 3	15.00 2	18.00 2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
28.5	23.0	17.2	14.9	15.9	17.9	41.8	135	233	130	59.5	41.3
28.5	7.64	0.80	1.06	2.16	12.8	152	674	4586	7522	425	159
5.34	2.76	0.90	1.03	1.47	3.58	12.3	26.0	67.7	86.7	20.6	12.6
1.15	0.23	-0.41	-1.56	0.12	0.92	0.32	0.72	-0.81	1.64	1.93	0.99
0.19	0.12	0.05	0.07	0.09	0.20	0.29	0.19	0.29	0.67	0.35	0.31
3.76	3.03	2.26	1.97	2.10	2.36	5.52	17.8	30.7	17.1	7.85	5.45

09171200 SAN MIGUEL RIVER NEAR TELLURIDE, 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,SKENNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.45	1.36	1.23	1.17	1.20	1.25	1.61	2.12	2.35	2.04	1.76	1.60
0.01	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.02	0.07	0.02	0.02
0.08	0.05	0.02	0.03	0.04	0.08	0.13	0.08	0.15	0.26	0.13	0.13
0.83	0.00	-0.28	-1.66	0.03	0.65	-0.06	0.50	-1.52	0.70	1.44	0.72
0.05	0.04	0.02	0.03	0.03	0.07	0.08	0.04	0.06	0.13	0.07	0.08
7.57	7.10	6.45	6.13	6.27	6.51	8.39	11.1	12.3	10.7	9.18	8.36

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
63.3	127	11.3	0.17	0.18	-0.065

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
1.80	0.01	0.08	-0.31	0.04	-0.041

09171500 SAN MIGUEL RIVER AT FALL CREEK, COLO.

LOCATION.--Lat 37°59'34", long 108°01'24", San Miguel County, at highway bridge at Fall Creek station on Rio Grande Southern Railroad 200 ft (61 m) upstream from Fall Creek.

DRAINAGE AREA.--176 mi² (45.6 km²).

REMARKS.--Practically no diversions for irrigation above station. Some regulation by Trout Lake and Middle Reservoir (combined capacity, about 2,500 acre-ft or 3.08 hm³).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN

SAN MIGUEL RIVER AT FALL CREEK, 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																																					
1897					28	62	31		32		11	11	1	8	3	7	12	6	11	8	12	18	9	11	12	9	5	14	10	5	7	14	8				
1898					28	62	31			10	8	11	8	32	17	12	14	6	20	23	7	11	8	6	1	6	6	8	6	9	5	6	3	1			
1899	30	63			44	5	9	5	26	2	10	1	4	3	22	11	5	7	11	25	8	11	14	9	11	4	2	5	5	6	2	5					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1095	100.0	12	78.0	16	586	53.5	24	340	29	181	16.5
1	20.00	30	1095	100.0	13	88.0	19	570	52.1	25	390	14	152	13.8
2	23.00	63	1065	97.3	14	100.0	57	551	50.3	26	440	13	138	12.6
3	26.00	0	1002	91.5	15	110.0	35	494	45.1	27	500	20	125	11.4
4	29.00	72	1002	91.5	16	130.0	29	459	41.9	28	560	23	105	9.5
5	33.00	95	930	84.9	17	140.0	27	430	39.3	29	640	16	82	7.4
6	37.00	102	835	76.3	18	160.0	28	403	36.8	30	720	22	66	6.0
7	42.00	36	733	66.9	19	180.0	53	375	34.2	31	810	21	44	4.0
8	47.00	58	697	63.7	20	210.0	43	322	29.4	32	920	19	23	2.1
9	54.00	2	639	58.4	21	240.0	36	279	25.5	33	1000	3	4	.3
10	61.00	31	637	58.2	22	270.0	34	243	22.2	34	1200	1	1	
11	69.00	20	606	55.3	23	300.0	28	209	19.1					

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

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN

SAN MIGUEL RIVER AT FALL CREEK, CO.

YEAR	1	3	7	15	30	60	90	120	183
1897	997.0 2	951.0 3	904.0 3	858.0 2	824.0 1	715.0 1	603.0 1	518.0 1	398.0 1
1898	1340.0 1	1170.0 1	1070.0 1	951.0 1	816.0 2	652.0 2	526.0 2	441.0 2	325.0 2
1899	995.0 3	953.0 2	906.0 2	766.0 3	581.0 3	496.0 3	411.0 3	358.0 3	270.0 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

SAN MIGUEL RIVER AT FALL CREEK, CO.

YEAR	1	3	7	14	30	60	90	120	183
1897	30.00 2	30.00 2	30.00 2	30.00 2	30.00 2	33.00 2	33.00 2	35.00 2	46.00 2
1898	35.00 3	35.00 3	35.00 3	35.00 3	35.00 3	38.00 3	38.00 3	40.00 3	75.00 3
1899	20.00 1	20.00 1	20.00 1	20.00 1	20.00 1	23.00 1	23.00 1	25.00 1	31.00 1

DOLORES RIVER BASIN

09172000 FALL CREEK NEAR FALL CREEK, COLO.

LOCATION.--Lat 37°57'30", long 108°00'19", in NW¼SE¼ sec.25, T.43 N., R.11 W., San Miguel County, on left bank 2.7 mi (4.3 km) upstream from mouth and 2.8 mi (4.5 km) south of town of Fall Creek.

DRAINAGE AREA.--33.4 mi² (86.5 km²).

REMARKS.--Slight regulation by Sylvan Lake Reservoir (capacity, 230 acre-ft or 284,000 m³). One diversion above station to Beaver and Saltado Creek basins for irrigation of about 2,000 acres (8.09 km²). Diversions for irrigation of 200 acres (809,000 m²) above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FALL CREEK NEAR FALL CREEK, 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																																				
1942												45	30	3	44	41	6	19	13	21	42	9	6	10	10	11	5	6	9	11	13	5	3	1	2		
1943									31	31	58	62	12	2	23	3	2	13	15	22	8	11	9	10	13	7	7	8	15	1	1	1					
1944								29	31		63	16	42	50	6	12	2	7	5	9	6	1	5	4	3	5	6	2	4	5	15	31	5				
1945									17	130	59	16	5	1	10	6	7	4	4	4	11	12	12	12	16	12	14	12	1								
1946						90	1	11	48	10	12	24	7	18	14	15	15	9	11	15	23	19	7	2	1	7	6										
1947						90		38	15	14	15	11	3	6	4	15	19	20	20	10	8	4	8	12	23	15	10	5									
1948								31	71	10	38	14	13	15	19	12	14	15	13	10	6	4	12	9	6	11	11	17	7	6	1	1					
1949								3	71	79	21	22	22	10	3	11	4	6	2	14	3	4	8	3	15	22	18	15	3	2	1	2	1				
1950								5104	36	35	26	11	12	5	16	4	10	5	8	12	15	16	14	6	7	10	8										
1951	8	10	8	7	41	53	18	56	23	15	15	10	7	19	11	12	11	5	6	4	9	6	6	4	1												
1952		2	11	6	20	27	87	26	8	2	5	7	5	10	14	9	8	13	6	12	6	4	2	9	7	15	12	10	5	6	12						
1953					2	19	69	52	38	21	18	12	7	17	10	19	20	13	5	5	4	2	6	6	6	6	8	3	3								
1954					13	9	11	40	65	68	12	15	12	12	24	16	14	18	9	7	4	5	5	3	3												
1955						1	41	43	50	19	14	29	20	16	23	10	14	7	10	7	6	5	10	9	16	5	5	5									
1956					6	13	7	81	57	50	15	15	13	15	4	10	4	7	6	6	5	6	6	4	7	3	7	5	1	5	8						
1957					7	14	8	60	72	15	7	4	4	1	14	6	6	7	5	8	8	24	9	5	3	12	8	6	14	6	7	11	10	4			
1958								1	45	35	40	47	17	13	24	5	20	14	11	9	3	2	3	2	3	7	11	10	14	7	9	5	8				
1959								14	82	16	65	37	21	26	17	3	16	2	10	6	3	11	9	12	8	7											

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.0	0	6574	100.00	12	9.1	279	3041	46.26	24	60.0	143	823	12.52
1	1.6	8	6574	100.00	13	11.0	110	2762	42.01	25	70.0	139	680	10.34
2	1.9	12	6566	99.88	14	12.0	312	2692	40.34	26	82.0	136	541	8.23
3	2.2	32	6554	99.70	15	15.0	175	2340	35.59	27	96.0	97	405	6.16
4	2.6	53	6522	99.21	16	17.0	191	2165	32.93	28	110.0	100	308	4.69
5	3.0	102	6469	98.40	17	20.0	193	1974	30.03	29	130.0	61	208	3.16
6	3.5	591	6367	96.85	18	23.0	182	1781	27.09	30	150.0	74	147	2.24
7	4.1	610	5776	87.86	19	27.0	176	1599	24.32	31	180.0	41	73	1.11
8	4.8	667	5166	78.58	20	32.0	173	1423	21.65	32	210.0	23	32	0.49
9	5.6	664	4499	68.44	21	37.0	171	1250	19.01	33	250.0	6	9	0.14
10	6.6	359	3835	58.34	22	44.0	126	1079	16.41	34	290.0	3	3	0.05
11	7.7	435	3476	52.87	23	51.0	130	953	14.50					

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 FALL CREEK, CO.

YEAR	1	3	7	15	30	60	90	120	183
1942	321.0 1	294.0 1	247.0 1	196.0 3	175.0 2	141.0 3	111.0 4	92.0 3	66.0 3
1943	229.0 5	159.0 8	133.0 9	110.0 9	101.0 8	87.0 7	75.0 7	63.0 7	47.0 7
1944	290.0 2	247.0 3	203.0 4	174.0 5	163.0 4	155.0 2	124.0 2	98.0 2	67.0 2
1945	114.0 12	109.0 12	100.0 14	97.0 10	85.0 11	79.0 10	68.0 10	58.0 10	41.0 10
1946	109.0 13	102.0 14	101.0 13	93.0 11	68.0 15	55.0 14	49.0 12	42.0 11	32.0 11
1947	120.0 11	117.0 10	106.0 10	93.0 12	87.0 10	83.0 8	71.0 9	60.0 9	47.0 8
1948	219.0 6	196.0 6	170.0 6	144.0 6	139.0 6	114.0 6	95.0 6	78.0 6	55.0 6
1949	197.0 8	170.0 7	142.0 7	111.0 8	94.0 9	83.0 9	73.0 8	61.0 8	43.0 9
1950	90.0 15	87.0 15	86.0 15	79.0 15	72.0 14	57.0 13	49.0 13	42.0 12	30.0 12
1951	81.0 16	72.0 16	64.0 16	49.0 16	47.0 16	35.0 16	28.0 16	23.0 16	17.0 18
1952	208.0 7	204.0 5	200.0 5	189.0 4	156.0 5	124.0 5	104.0 5	84.0 5	61.0 5
1953	126.0 10	115.0 11	103.0 11	84.0 14	81.0 12	54.0 15	43.0 15	37.0 15	27.0 15
1954	68.0 17	63.0 17	57.0 17	49.0 17	39.0 18	30.0 18	25.0 18	21.0 18	17.0 16
1955	108.0 14	104.0 13	101.0 12	87.0 13	73.0 13	62.0 12	47.0 14	39.0 14	29.0 13
1956	148.0 9	144.0 9	142.0 8	128.0 7	101.0 7	70.0 11	52.0 11	42.0 13	29.0 14
1957	289.0 3	274.0 2	240.0 2	209.0 1	205.0 1	164.0 1	129.0 1	109.0 1	78.0 1
1958	238.0 4	228.0 4	218.0 3	209.0 2	172.0 3	140.0 4	113.0 3	90.0 4	63.0 4
1959	55.0 18	54.0 18	50.0 18	45.0 18	41.0 17	34.0 17	26.0 17	22.0 17	17.0 17

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

DISCHARGE-(CFS)
MEAN
FALL CREEK NEAR FALL CREEK, CO.

YEAR	1	3	7	14	30	60	90	120	183
1943	5.50 17	5.50 17	5.50 17	5.50 15	5.50 15	5.70 14	6.10 16	6.40 16	6.90 15
1944	4.00 10	4.00 10	4.00 10	4.00 10	4.00 9	4.30 8	4.80 11	5.10 12	6.30 13
1945	5.00 16	5.20 16	5.30 16	5.70 17	5.80 17	5.80 15	6.00 15	6.10 14	6.30 14
1946	3.50 7	3.50 7	3.50 7	3.50 7	3.50 6	3.50 4	3.70 4	4.20 6	5.40 10
1947	3.50 8	3.50 8	3.50 8	3.50 8	3.50 7	3.80 6	3.80 5	4.30 7	5.90 11
1948	4.80 15	5.00 15	5.20 15	5.50 16	5.50 16	6.00 17	5.90 14	6.40 15	9.80 17
1949	4.00 11	4.00 11	4.50 13	4.60 13	4.60 13	4.70 12	4.80 12	4.80 11	5.30 8
1950	4.00 12	4.20 13	4.20 12	4.20 11	4.20 11	4.30 9	4.40 8	4.50 8	5.10 6

DOLORES RIVER BASIN

09172100 LEOPARD CREEK AT NOEL, COLO.--Continued

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LEOPARD CREEK AT NOEL, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2922	100.0	12	1.8	212	911	31.2	24	18	25	86	2.9
1	0.10	67	2922	100.0	13	2.2	102	699	23.9	25	22	21	61	2.0
2	0.20	195	2855	97.7	14	2.7	86	597	20.4	26	27	17	40	1.3
3	0.30	231	2660	91.0	15	3.2	62	511	17.5	27	33	6	23	.7
4	0.40	115	2429	83.1	16	3.9	50	449	15.4	28	39	11	17	.5
5	0.50	271	2314	79.2	17	4.7	53	399	13.7	29	48	4	6	.2
6	0.60	189	2043	69.9	18	5.7	50	346	11.8	30	58	2	2	
7	0.70	129	1854	63.4	19	7.0	51	296	10.1	31				
8	0.80	278	1725	59.0	20	8.4	48	245	8.4	32				
9	1.00	254	1447	49.5	21	10.0	33	197	6.7	33				
10	1.20	183	1193	40.8	22	12.0	46	164	5.6	34				
11	1.50	99	1010	34.6	23	15.0	32	118	4.0					

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

YEAR	1	3	7	15	30	60	90	120	183
1956	12.0 7	10.0 7	9.8 7	9.1 7	8.1 7	5.8 7	4.7 6	3.8 6	2.6 7
1957	46.0 3	40.0 3	32.0 3	24.0 3	19.0 2	15.0 2	13.0 2	11.0 2	8.2 2
1958	61.0 1	54.0 1	46.0 1	38.0 1	33.0 1	24.0 1	17.0 1	13.0 1	8.7 1
1959	10.0 8	9.6 8	9.1 8	8.3 8	6.3 8	4.9 8	3.9 8	3.1 8	2.2 8
1960	41.0 4	36.0 4	26.0 4	21.0 4	14.0 4	10.0 4	8.4 4	6.8 4	4.7 4
1961	58.0 2	53.0 2	42.0 2	32.0 2	21.0 2	12.0 3	9.0 3	7.1 3	5.1 3
1962	30.0 5	29.0 5	25.0 5	19.0 5	14.0 5	9.3 5	6.9 5	5.5 5	3.9 5
1963	18.0 6	17.0 6	17.0 6	13.0 6	9.4 6	6.0 6	4.5 7	3.5 7	2.7 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
LEOPARD CREEK AT NOEL, CO.

YEAR	1	3	7	14	30	60	90	120	183
1957	0.10 1	0.10 1	0.10 1	0.10 1	0.14 2	0.17 2	0.19 1	0.21 1	0.22 1
1958	0.70 7	0.70 7	0.74 7	0.89 7	1.10 7	1.10 7	1.10 7	1.19 7	1.40 7
1959	0.20 5	0.20 4	0.24 4	0.26 4	0.30 4	0.42 4	0.49 3	0.57 2	0.64 2
1960	0.10 2	0.10 2	0.10 2	0.10 2	0.11 1	0.16 1	0.28 2	0.59 3	0.69 4
1961	0.20 3	0.23 5	0.27 5	0.40 5	0.55 5	0.56 5	0.57 5	0.64 5	0.64 3
1962	0.40 6	0.47 6	0.54 6	0.58 6	0.66 6	0.72 6	0.76 6	0.84 6	1.19 6
1963	0.20 4	0.20 3	0.20 3	0.23 3	0.26 3	0.33 3	0.51 4	0.62 4	0.78 5

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.08	0.96	0.81	0.63	0.62	1.53	9.64	10.2	3.85	1.59	1.00	0.94
0.57	0.38	0.14	0.11	0.08	2.72	16.7	81.0	10.8	3.44	1.18	1.29
0.75	0.62	0.37	0.33	0.27	1.65	4.09	9.00	3.29	1.85	1.09	1.14
0.42	0.50	-0.12	0.20	0.74	2.20	0.12	1.38	1.82	2.58	2.36	1.80
0.70	0.64	0.46	0.52	0.44	1.08	0.42	0.88	0.85	1.17	1.09	1.21
3.28	2.93	2.45	1.93	1.89	4.65	29.3	31.1	11.7	4.82	3.04	2.86

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
-0.09	-0.12	-0.14	-0.26	-0.24	0.03	0.95	0.87	0.47	0.04	-0.16	-0.26
0.15	0.12	0.06	0.07	0.04	0.12	0.04	0.13	0.11	0.13	0.15	0.21
0.39	0.34	0.24	0.26	0.20	0.35	0.19	0.37	0.33	0.37	0.39	0.46
-0.80	-0.62	-0.64	-0.58	-0.23	1.42	-0.04	0.37	0.39	1.09	0.52	0.90
-4.33	-2.95	-1.65	-1.02	-0.81	10.0	0.20	0.42	0.71	9.83	-2.35	-1.76
-8.20	-10.6	-13.2	-24.0	-22.5	3.19	87.2	80.4	43.2	3.43	-15.1	-23.8

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.75	1.71	1.31	0.73	0.48	-0.159

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.40	0.04	0.21	0.13	0.52	-0.304

DOLORES RIVER BASIN

09172500 SAN MIGUEL RIVER NEAR PLACERVILLE, 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 MIGUEL RIVER NEAR PLACERVILLE, CO.

YEAR	1	3	7	15	30	60	90	120	183
1946	1000.0 22	993.0 22	958.0 21	896.0 20	702.0 24	513.0 29	466.0 26	412.0 25	332.0 23
1947	1150.0 19	1110.0 18	912.0 23	833.0 23	814.0 18	703.0 18	638.0 13	560.0 14	449.0 13
1948	1320.0 12	1260.0 11	1180.0 12	1120.0 9	1100.0 9	1010.0 6	883.0 6	749.0 6	536.0 7
1949	2080.0 2	1930.0 4	1750.0 4	1500.0 3	1280.0 4	937.0 9	789.0 9	668.0 10	478.0 11
1950	738.0 33	730.0 33	722.0 31	650.0 30	600.0 29	491.0 31	415.0 31	360.0 30	268.0 30
1951	653.0 35	617.0 35	594.0 35	540.0 35	502.0 34	404.0 35	327.0 35	273.0 36	206.0 37
1952	1560.0 7	1540.0 7	1500.0 7	1410.0 6	1170.0 8	967.0 8	852.0 8	726.0 8	541.0 6
1953	1500.0 9	1400.0 9	1230.0 9	1010.0 11	869.0 15	611.0 22	488.0 25	419.0 24	310.0 26
1954	545.0 39	518.0 39	461.0 39	402.0 39	360.0 39	336.0 38	294.0 38	263.0 37	218.0 36
1955	911.0 25	871.0 25	807.0 26	713.0 29	601.0 28	503.0 30	430.0 28	365.0 29	275.0 28
1956	920.0 24	900.0 24	871.0 24	801.0 24	693.0 25	532.0 26	425.0 30	354.0 31	262.0 31
1957	2100.0 1	2050.0 1	1960.0 1	1720.0 2	1420.0 2	1210.0 2	975.0 4	836.0 2	618.0 2
1958	2000.0 4	1960.0 2	1840.0 2	1780.0 1	1650.0 1	1410.0 1	1150.0 1	908.0 1	640.0 1
1959	889.0 28	870.0 26	798.0 27	722.0 26	577.0 31	432.0 32	343.0 33	296.0 33	231.0 34
1960	1240.0 14	1220.0 13	1110.0 13	946.0 16	886.0 14	714.0 16	603.0 19	527.0 16	383.0 18
1961	1160.0 17	1130.0 14	1100.0 14	980.0 14	924.0 13	744.0 13	609.0 16	502.0 19	385.0 17
1962	898.0 26	861.0 27	815.0 25	792.0 25	742.0 23	633.0 20	606.0 17	526.0 17	388.0 16
1963	608.0 37	603.0 36	560.0 36	493.0 36	448.0 36	374.0 36	315.0 36	285.0 35	241.0 33
1964	1210.0 15	1120.0 15	1020.0 17	851.0 22	752.0 22	597.0 23	494.0 23	423.0 23	315.0 24
1965	1360.0 10	1330.0 10	1210.0 10	1080.0 10	1070.0 10	908.0 10	782.0 10	732.0 7	548.0 5
1966	733.0 34	719.0 34	665.0 34	632.0 32	582.0 30	517.0 28	427.0 29	368.0 28	280.0 27
1967	812.0 29	799.0 29	726.0 30	573.0 34	499.0 35	420.0 33	359.0 32	317.0 32	246.0 32
1968	1360.0 11	1240.0 12	1190.0 11	981.0 13	968.0 11	709.0 17	603.0 18	515.0 18	376.0 19
1969	889.0 27	846.0 28	765.0 29	721.0 27	632.0 27	542.0 25	492.0 24	439.0 22	346.0 22
1970	1270.0 13	1050.0 19	995.0 18	876.0 21	804.0 19	740.0 14	627.0 15	534.0 15	428.0 14
1971	1150.0 18	1120.0 16	1090.0 15	978.0 15	792.0 20	617.0 21	520.0 20	461.0 20	363.0 21
1972	770.0 32	754.0 32	685.0 33	639.0 31	543.0 33	410.0 34	337.0 34	288.0 34	222.0 35
1973	2050.0 3	1950.0 3	1770.0 3	1480.0 4	1370.0 3	1140.0 3	977.0 3	811.0 3	575.0 3
1974	794.0 31	789.0 31	709.0 32	581.0 33	559.0 32	522.0 27	437.0 27	370.0 27	272.0 29
1975	1680.0 6	1630.0 6	1520.0 6	1420.0 5	1230.0 5	1060.0 5	919.0 5	755.0 5	534.0 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
SAN MIGUEL RIVER NEAR PLACERVILLE, CO.

YEAR	1	3	7	14	30	60	90	120	183
1912	50.00 24	50.00 18	51.00 19	53.00 17	55.00 14	66.00 30	71.00 31	72.00 29	136.00 37
1932	60.00 34	60.00 32	60.00 31	60.00 28	60.00 22	60.00 17	62.00 19	63.00 16	74.00 19
1933	60.00 35	60.00 33	60.00 32	60.00 29	60.00 23	60.00 18	62.00 20	64.00 17	72.00 16
1934	51.00 27	51.00 22	51.00 20	55.00 20	60.00 24	63.00 25	64.00 25	67.00 25	79.00 24
1943	76.00 37	82.00 37	85.00 37	86.00 37	87.00 37	89.00 37	90.00 37	90.00 37	93.00 31
1944	58.00 32	61.00 34	63.00 34	65.00 33	67.00 33	69.00 32	71.00 32	73.00 31	81.00 28
1945	62.00 36	63.00 35	64.00 35	65.00 34	67.00 34	70.00 33	70.00 29	72.00 30	80.00 25
1946	51.00 28	52.00 23	53.00 21	56.00 21	59.00 20	61.00 20	63.00 21	65.00 22	76.00 23
1947	50.00 25	53.00 24	53.00 22	54.00 18	55.00 15	58.00 15	60.00 16	64.00 18	74.00 20
1948	60.00 33	64.00 36	67.00 36	68.00 36	69.00 35	75.00 35	75.00 35	80.00 35	106.00 36
1949	48.00 18	50.00 19	53.00 23	58.00 24	60.00 25	64.00 27	66.00 26	67.00 23	73.00 17
1950	54.00 30	57.00 31	58.00 29	58.00 25	59.00 21	61.00 21	61.00 17	64.00 19	71.00 14
1951	35.00 3	42.00 6	48.00 9	50.00 8	52.00 10	55.00 11	54.00 7	55.00 7	58.00 4
1952	39.00 7	40.00 4	43.00 4	50.00 9	52.00 11	54.00 8	55.00 8	55.00 8	58.00 5
1953	52.00 29	54.00 28	59.00 30	60.00 30	61.00 26	63.00 26	66.00 27	67.00 24	74.00 18
1954	50.00 26	55.00 29	57.00 26	59.00 26	61.00 27	62.00 24	63.00 22	64.00 20	66.00 11
1955	40.00 8	45.00 13	48.00 10	52.00 15	55.00 16	56.00 12	56.00 11	58.00 11	75.00 21
1956	35.00 4	42.00 7	45.00 7	47.00 5	50.00 5	51.00 4	53.00 5	54.00 4	56.00 3
1957	32.00 2	34.00 2	35.00 1	38.00 1	46.00 2	50.00 3	51.00 3	51.00 2	53.00 1
1958	49.00 21	53.00 25	54.00 25	61.00 31	63.00 30	67.00 31	71.00 30	79.00 34	94.00 33
1959	48.00 19	50.00 20	53.00 24	56.00 22	61.00 28	66.00 28	67.00 28	69.00 28	76.00 22
1960	26.00 1	31.00 1	39.00 2	47.00 6	51.00 9	54.00 9	55.00 9	57.00 9	68.00 12
1961	40.00 9	43.00 10	48.00 11	51.00 12	55.00 17	56.00 13	56.00 12	58.00 10	71.00 15
1962	42.00 14	46.00 14	49.00 14	55.00 19	55.00 18	61.00 22	63.00 23	68.00 26	93.00 32
1963	44.00 15	46.00 15	50.00 16	52.00 13	54.00 13	60.00 19	61.00 18	64.00 21	80.00 26
1964	44.00 16	47.00 16	49.00 15	50.00 10	50.00 6	52.00 5	53.00 6	54.00 5	63.00 8
1965	49.00 20	50.00 21	51.00 17	52.00 14	53.00 12	57.00 14	59.00 14	60.00 14	65.00 9
1966	50.00 22	53.00 26	58.00 27	61.00 32	63.00 31	66.00 29	73.00 33	78.00 32	102.00 34
1967	36.00 5	42.00 8	44.00 5	45.00 3	46.00 3	46.00 2	49.00 2	53.00 3	61.00 6
1968	36.00 6	39.00 3	48.00 12	53.00 16	58.00 19	59.00 16	59.00 15	60.00 15	65.00 10
1969	40.00 10	44.00 11	48.00 13	50.00 11	51.00 7	52.00 6	52.00 4	55.00 6	63.00 7
1970	50.00 23	53.00 27	58.00 28	60.00 27	62.00 29	62.00 23	63.00 24	68.00 27	89.00 30
1971	55.00 31	57.00 30	62.00 33	66.00 35	69.00 36	75.00 36	77.00 36	83.00 36	104.00 35
1972	40.00 11	48.00 17	51.00 18	58.00 23	65.00 32	72.00 34	73.00 34	78.00 33	88.00 29
1973	40.00 12	42.00 9	44.00 6	47.00 4	51.00 8	55.00 10	56.00 13	59.00 12	80.00 27
1974	44.00 17	45.00 12	46.00 8	48.00 7	49.00 4	53.00 7	55.00 10	59.00 13	69.00 13
1975	40.00 13	41.00 5	42.00 3	43.00 2	43.00 1	45.00 1	46.00 1	48.00 1	54.00 2

09173000 BEAVER CREEK NEAR NORWOOD, COLO.--Continued

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

DISCHARGE, IN CUBIC FEET PER SECONDD
MEAN
BEAVER CREEK NEAR NDRWDD, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	148	9131	100.0	12	2.2	630	6157	67.4	24	53	79	616	6.7
1	0.06	1	8983	98.4	13	2.9	898	5527	60.5	25	69	79	537	5.8
2	0.09	1	8982	98.4	14	3.7	752	4629	50.7	26	90	109	458	5.0
3	0.10	175	8981	98.4	15	4.9	867	3877	42.5	27	120	81	349	3.8
4	0.20	163	8806	96.4	16	6.3	857	3010	33.0	28	150	97	268	2.9
5	0.30	124	8643	94.7	17	8.3	416	2153	23.6	29	200	80	171	1.8
6	0.40	329	8519	93.3	18	11.0	304	1737	19.0	30	260	51	91	.9
7	0.60	338	8190	89.7	19	14.0	211	1433	15.7	31	340	38	40	.4
8	0.80	262	7852	86.0	20	18.0	185	1222	13.4	32	440	2	2	
9	1.00	606	7590	83.1	21	24.0	180	1037	11.4	33				
10	1.30	423	6984	76.5	22	31.0	139	857	9.4	34				
11	1.70	404	6561	71.9	23	40.0	102	718	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
BEAVER CREEK NEAR NORWOOD, CO.

YEAR	1	3	7	15	30	60	90	120	183
1942	410.0 4	400.0 3	385.0 2	348.0 2	318.0 1	288.0 1	222.0 1	169.0 1	114.0 1
1943	169.0 13	144.0 13	139.0 10	123.0 10	84.0 10	56.0 10	42.0 10	34.0 10	24.0 10
1944	429.0 3	397.0 4	327.0 4	310.0 3	257.0 3	176.0 3	123.0 4	94.0 4	54.0 4
1945	228.0 9	223.0 9	210.0 8	176.0 7	150.0 7	93.0 7	64.0 8	49.0 8	33.0 8
1946	132.0 17	131.0 15	120.0 12	108.0 11	83.0 11	52.0 12	38.0 12	30.0 12	21.0 12
1947	291.0 8	246.0 8	178.0 9	124.0 9	87.0 9	55.0 11	39.0 11	31.0 11	22.0 11
1948	391.0 5	358.0 5	320.0 5	229.0 5	192.0 5	142.0 6	99.0 6	76.0 6	52.0 6
1949	370.0 6	273.0 7	220.0 7	146.0 8	88.0 8	84.0 8	66.0 7	51.0 7	36.0 7
1950	102.0 18	93.0 18	78.0 17	58.0 17	45.0 17	28.0 17	21.0 17	17.0 17	14.0 16
1951	14.0 25	13.0 25	11.0 25	9.5 25	9.2 25	7.7 24	6.5 24	5.8 24	5.1 24
1952	340.0 7	328.0 6	265.0 6	218.0 6	184.0 6	173.0 4	131.0 2	101.0 2	68.0 2
1953	92.0 19	80.0 19	64.0 19	48.0 19	31.0 19	25.0 18	19.0 18	16.0 18	12.0 17
1954	25.0 24	24.0 23	21.0 23	16.0 23	11.0 23	7.7 25	6.4 25	5.7 25	5.1 25
1955	152.0 15	106.0 17	70.0 18	55.0 18	37.0 18	24.0 19	18.0 19	14.0 19	10.0 19
1956	45.0 22	36.0 22	30.0 22	28.0 20	25.0 20	20.0 20	16.0 20	13.0 20	9.4 20
1957	478.0 1	401.0 2	380.0 3	300.0 4	250.0 4	155.0 5	114.0 5	90.0 5	53.0 5
1958	440.0 2	430.0 1	390.0 1	376.0 1	294.0 2	188.0 2	128.0 3	98.0 3	57.0 3
1959	52.0 20	40.0 20	31.0 21	25.0 22	22.0 22	17.0 22	13.0 22	10.0 22	7.5 21
1960	174.0 12	155.0 10	107.0 14	87.0 13	57.0 15	47.0 13	35.0 13	27.0 13	18.0 13
1961	155.0 14	147.0 12	118.0 13	81.0 15	61.0 13	38.0 15	27.0 15	21.0 15	15.0 15
1963	51.0 21	39.0 21	33.0 20	28.0 21	23.0 21	18.0 21	14.0 21	11.0 21	7.2 22
1964	179.0 11	114.0 16	100.0 16	73.0 16	47.0 16	31.0 16	22.0 16	17.0 16	12.0 18
1965	209.0 10	153.0 11	106.0 15	86.0 14	71.0 12	65.0 9	46.0 9	36.0 9	25.0 9
1966	137.0 16	133.0 14	127.0 11	92.0 12	59.0 14	40.0 14	29.0 14	22.0 14	16.0 14
1967	26.0 23	19.0 24	15.0 24	12.0 24	10.0 24	9.6 23	9.1 23	7.5 23	5.6 23

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

DISCHARGE, IN CUBIC FEET PER SECONDD
MEAN
BEAVER CREEK NEAR NORWOOD, CO.

YEAR	1	3	7	14	30	60	90	120	183
1943	0.20 13	0.47 18	0.49 17	0.51 16	0.62 13	1.10 15	1.60 15	2.70 18	3.90 18
1944	0.60 21	0.60 21	0.60 19	1.00 20	1.50 20	2.00 18	1.90 17	2.50 17	3.90 19
1945	0.10 10	0.10 10	0.10 10	0.15 9	0.62 14	0.95 14	1.40 14	1.90 14	2.50 13
1946	0.30 17	0.37 16	0.39 15	0.39 15	0.67 15	1.40 16	1.80 16	2.50 15	3.50 16
1947	0.00 1	0.00 1	0.00 1	0.08 7	0.48 9	0.92 13	0.93 10	1.10 9	2.50 14
1948	1.00 22	1.10 22	1.40 22	1.70 22	2.20 21	3.90 22	5.50 22	5.80 22	6.80 22
1949	0.40 18	0.40 17	0.44 16	0.53 17	1.30 19	2.00 19	2.30 18	2.50 16	3.50 15
1950	0.50 20	0.57 20	0.66 20	0.73 18	1.00 17	1.70 17	2.60 19	3.60 21	4.50 20
1951	0.00 2	0.00 2	0.06 8	0.12 8	0.22 7	0.30 4	0.67 7	0.77 5	1.60 10
1952	0.00 3	0.00 3	0.00 2	0.00 1	0.00 1	0.00 1	0.04 1	0.13 1	0.93 2
1953	1.10 23	1.19 23	1.40 23	1.60 21	2.20 22	2.30 20	3.10 21	3.10 19	3.70 17
1954	0.20 14	0.27 14	0.36 14	0.38 14	0.51 10	0.71 9	0.82 8	0.91 6	1.90 11
1955	0.00 4	0.00 4	0.00 3	0.04 4	0.07 3	0.11 2	0.16 2	0.28 2	0.97 3
1956	0.10 11	0.10 11	0.14 11	0.19 11	0.22 8	0.34 7	1.19 13	1.80 13	2.20 12
1957	0.00 5	0.00 5	0.01 5	0.02 3	0.12 4	0.30 5	0.38 4	0.56 4	1.30 6
1958	0.40 19	0.50 19	1.00 21	3.50 23	6.50 23	6.70 23	6.80 23	7.10 23	7.90 23
1959	0.20 15	0.20 13	0.23 13	0.36 13	0.73 16	0.80 11	1.10 11	1.10 10	1.30 7
1960	0.00 6	0.00 6	0.00 4	0.00 2	0.06 2	0.39 8	0.66 6	0.93 8	1.10 4
1961	0.10 12	0.10 12	0.14 12	0.34 12	0.54 12	0.74 10	1.19 12	1.40 11	1.50 8
1964	0.00 7	0.03 9	0.07 9	0.17 10	0.51 11	0.81 12	0.87 9	1.50 12	1.60 9
1965	0.00 8	0.00 7	0.04 7	0.06 5	0.12 5	0.21 3	0.31 3	0.49 3	0.70 1
1966	0.30 16	0.37 15	0.50 18	0.76 19	1.10 18	2.30 21	3.00 20	3.50 20	6.00 21
1967	0.00 9	0.00 8	0.03 6	0.06 6	0.16 6	0.33 6	0.49 5	0.92 7	1.19 5

09173000 BEAVER CREEK NEAR NORWOOD, COLO.--Continued

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

DCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
	BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)										
6.13	4.85	4.40	3.95	3.93	5.33	35.2	78.6	42.7	4.09	2.10	2.58
235	27.3	7.67	5.14	4.54	4.80	1430	7358	4528	59.4	6.19	12.9
15.3	5.22	2.77	2.27	2.13	2.19	37.8	85.8	57.3	7.71	2.49	3.59
4.76	2.96	1.30	0.65	0.53	0.45	3.17	1.58	1.99	3.65	2.34	2.20
2.50	1.08	0.63	0.57	0.54	0.41	1.07	1.09	1.58	1.88	1.19	1.39
3.16	2.50	2.27	2.04	2.03	2.75	18.2	40.5	22.0	2.11	1.08	1.33

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	0.51	0.56	0.51	0.52	0.69	1.39	1.65	1.14	0.17	0.04	0.12
0.27	0.15	0.08	0.09	0.08	0.04	0.12	0.24	0.45	0.40	0.36	0.26
0.51	0.39	0.29	0.31	0.28	0.19	0.35	0.49	0.67	0.63	0.60	0.51
0.64	0.18	-0.37	-0.83	-0.64	-0.35	0.50	-0.05	0.39	0.13	-1.26	0.37
1.32	0.76	0.52	0.60	0.53	0.28	0.25	0.30	0.59	3.68	14.1	4.19
5.06	6.66	7.25	6.62	6.75	8.94	18.1	21.4	14.8	2.23	0.55	1.57

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
16.2	233	15.3	1.89	0.94	0.071

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.05	0.14	0.38	0.28	0.36	0.138

09173500 HORSEFLY CREEK NEAR SAMS, COLO.

LOCATION.--Lat 38°12'14", long 108°03'25", in NW¼NW¼ sec.35, T.46 N., R.11 W., Montrose County, on left bank at boundary of Uncompahgre National Forest, 30 ft (9 m) downstream from highway bridge, and 8 mi (13 km) northwest of Sams.

DRAINAGE AREA.--28.8 mi² (74.6 km²).

REMARKS.--Slight regulation of low flow by many small stock reservoirs. Many small diversions for irrigation of a few hundred acres of hay meadows above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HORSEFLY CREEK NEAR SAMS, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	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	74	8	70	34	2	2	3	34	3	6	24	15	16	7	5	13	4	3	1			2	5	4	4	19	6	1									
1944	54	75	78	13	18	13	7	4	7	1	4	4	34	3	1	3	1	1	1	2	1	4	1	5	4	3	6	2	10	1	2	2	1				
1945	55	69	73	11	54		13	2			17	4	7	4	2	7	1	3	2	4	4	2	3	2	3	4	6	4		2	2	3	2				
1946	118	36	41	35	11	4	15	3	1	1		2	1	2	1	36	3	5	8	4	5	3	8	6	4	5	4	3									
1947	2	83	93	10	47	7	16	9	9	10	14	4	4	8	5	5	3	1	6	5	3	4	7	2	1	1	5	1									
1948	46	14	14	6	26	20	47	4	35		37	9	8	5	2	3	32		5	3	2	3	12	3	2	8	5	1	2	3	7	2					
1949	126	84	3	35	2	4	9	8	9		2	3	6	7	6	4	9	2	6	4	4	6	7	3	2	2	3	4	1								
1950	175	39	15	14	12	10	22	8	5		4	3	3	5	4	1	14		7	1	2	3	2	3	9	2	2										
1951	164	14	8	82	15	12	9	5	8	7	2	14	11	4	2	5	2	1																			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	814	3287	100.0	12	2.7	86	683	20.8	24	57	31	166	5.0
1	0.10	422	2473	75.2	13	3.5	52	597	18.2	25	74	46	135	4.1
2	0.20	395	2051	62.4	14	4.5	35	545	16.6	26	95	34	89	2.7
3	0.30	206	1656	50.4	15	5.8	63	510	15.5	27	120	11	55	1.6
4	0.40	219	1450	44.1	16	7.5	80	447	13.6	28	160	18	44	1.3
5	0.50	72	1231	37.5	17	9.6	16	367	11.2	29	200	7	26	.7
6	0.60	140	1159	35.3	18	12.0	40	351	10.7	30	260	12	19	.5
7	0.80	46	1019	31.0	19	16.0	24	311	9.5	31	340	6	7	.2
8	1.00	108	973	29.6	20	21.0	19	287	8.7	32	440	1	1	
9	1.30	39	865	26.3	21	27.0	26	268	8.2	33				
10	1.60	73	826	25.1	22	34.0	43	242	7.4	34				
11	2.10	70	753	22.9	23	44.0	33	199	6.1					

DOLORES RIVER BASIN

09173500 HORSEFLY CREEK NEAR SAMS, 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
HORSEFLY CREEK NEAR SAMS, CO.

YEAR	1	3	7	15	30	60	90	120	183
1943	130.0 7	119.0 6	113.0 5	95.0 5	82.0 5	52.0 4	36.0 4	27.0 4	18.0 4
1944	500.0 1	425.0 1	335.0 1	242.0 2	165.0 2	96.0 2	65.0 2	49.0 2	32.0 2
1945	435.0 2	398.0 2	319.0 3	213.0 3	136.0 3	73.0 3	49.0 3	37.0 3	24.0 3
1946	146.0 5	139.0 5	113.0 6	95.0 6	67.0 6	43.0 6	30.0 6	23.0 6	15.0 6
1947	134.0 6	115.0 7	106.0 7	72.0 7	49.0 7	28.0 7	19.0 7	15.0 7	9.7 7
1948	400.0 3	340.0 3	323.0 2	254.0 1	179.0 1	104.0 1	72.0 1	55.0 1	37.0 1
1949	221.0 4	199.0 4	170.0 4	126.0 4	83.0 4	49.0 5	34.0 5	25.0 5	17.0 5
1950	114.0 8	95.0 8	79.0 8	68.0 8	46.0 8	26.0 8	18.0 8	13.0 8	8.8 8
1951	10.0 9	8.8 9	7.7 9	5.9 9	4.4 9	3.0 9	2.1 9	1.7 9	1.2 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
HORSEFLY CREEK NEAR SAMS, 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	0.02 5	0.13 7	0.15 7	0.19 6
1945	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.02 6	0.07 5	0.11 5	0.12 4
1946	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.05 7	0.07 6	0.14 6	0.19 7
1947	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 1	0.00 1	0.02 2	0.09 3
1948	0.10 8	0.10 8	0.10 8	0.10 8	0.10 8	0.26 8	0.23 8	0.31 8	0.40 8
1949	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 2	0.03 3	0.05 3	0.05 1
1950	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 3	0.03 4	0.09 4	0.14 5
1951	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 4	0.00 2	0.00 1	0.05 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)											
0.36	0.58	0.25	0.21	0.43	1.96	54.0	46.9	4.91	0.30	0.35	0.13
0.17	0.75	0.04	0.10	0.36	8.46	2327	2949	62.5	0.12	0.54	0.09
0.42	0.87	0.21	0.31	0.60	2.91	48.2	54.3	7.91	0.35	0.73	0.30
2.25	2.84	0.93	2.52	2.73	1.72	1.33	1.59	2.72	0.72	2.85	2.71
1.16	1.51	0.81	1.47	1.41	1.48	0.89	1.16	1.61	1.17	2.12	2.34
0.33	0.52	0.23	0.19	0.39	1.78	48.9	42.5	4.45	0.27	0.31	0.12

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)											
-0.49	-0.49	-0.58	-0.58	-0.62	-0.07	1.47	1.41	0.24	-0.38	-0.28	-0.25
0.17	0.20	0.17	0.22	0.22	0.31	0.41	0.27	0.66	0.32	0.20	0.29
0.42	0.45	0.42	0.47	0.47	0.56	0.84	0.52	0.81	0.57	0.44	0.54
-0.07	0.92	-0.86	0.46	0.51	1.08	-1.13	0.03	-1.14	-1.93	-0.19	-2.31
-0.84	-0.91	-0.71	-0.80	-0.76	-7.76	0.44	0.37	3.45	-1.49	-1.60	-2.13
77.7	77.5	91.6	91.2	97.4	11.3	-231	-222	-37.1	60.0	43.5	39.8

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
9.20	32.6	5.71	0.30	0.62	0.11?

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.83	0.20	0.44	-1.83	0.53	0.455

09174000 SAN MIGUEL RIVER NEAR NUCLA, COLO.

LOCATION.--Lat 38°15'42", long 108°23'48", in NW¼NE¼ sec.10, T.46 N., R.14 W., Montrose County, on right bank 0.4 mi (0.6 km) upstream from highway bridge, 0.6 mi (1.0 km) upstream from Cottonwood Creek, and 8 mi (13 km) east of Nucla.

DRAINAGE AREA.--649 mi² (1,681 km²).

REMARKS.--Slight regulation by Lake Hope and Trout Lake (combined capacity, 5,040 acre-ft or 6.21 hm³) of Western Colorado Power Co. Natural flow of stream affected by water exported from Beaver Creek to Naturita Creek drainage for irrigation of about 12,000 acres (48.6 km²), diversions for irrigation of about 5,000 acres (20.2 km²) above station, and diversion by Colorado Cooperative Canal 4 mi (6.4 km) upstream for irrigation below.

09174000 SAN MIGUEL RIVER NEAR NUCLA, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SAN MIGUEL RIVER NEAR NUCLA, 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	
1955										6	2	4	4	4	3	2	4	5	13	79	95	29	10	13	8	4	18	28	23	10	1					
1956				10	6	18	2	5	3	6	7	3	1	4	3	1	5	13	30	98	39	12	6	7	9	12	25	18	16	7						
1957		12	12	4						2	1		2			3	6	6	30	84	25	14	5	4	10	12	10	10	13	28	25	17	19	11		
1958															1	3	8	11	11	20	61	51	62	34	9	6	4	5	6	3	14	6	29	19	2	
1959										2	4	6	9	9	11	12	8	15	23	88	74	8	10	25	24	16	8	10	3							
1960										2	6	6	6	9	6	16	11	13	56	54	44	9	13	8	9	14	13	24	23	17	2	3	2			
1961													1	5	2	1	11	25	35	74	35	41	16	18	14	15	2	5	18	20	18	9				
1962									1	6	2	6	2	2	1	4	2	2	6	38	60	39	43	25	15	10	19	19	23	20	13	2	5			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2922	100.0	12	8.7	22	2790	95.5	24	190	98	865	29.6
1	0.50	12	2922	100.0	13	11.0	30	2768	94.7	25	250	92	767	26.2
2	0.60	12	2910	99.6	14	15.0	28	2738	93.7	26	330	108	675	23.1
3	0.80	14	2898	99.2	15	19.0	31	2710	92.7	27	420	106	567	19.4
4	1.10	6	2884	98.7	16	24.0	64	2679	91.7	28	550	133	461	15.7
5	1.40	18	2878	98.5	17	32.0	81	2615	89.5	29	710	114	328	11.2
6	1.80	2	2860	97.9	18	41.0	153	2534	86.7	30	920	88	214	7.3
7	2.40	5	2858	97.8	19	53.0	472	2381	81.5	31	1200	36	126	4.3
8	3.10	4	2853	97.6	20	69.0	457	1909	65.3	32	1500	56	90	3.0
9	4.00	20	2849	97.5	21	89.0	304	1452	49.7	33	2000	32	34	1.1
10	5.20	16	2829	96.8	22	120.0	159	1148	39.3	34	2600	2	2	
11	6.70	23	2813	96.3	23	150.0	124	989	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
SAN MIGUEL RIVER NEAR NUCLA, CO.

YEAR	1	3	7	15	30	60	90	120	183									
1955	1170.0	6	965.0	6	787.0	7	674.0	7	604.0	7	566.0	6	513.0	6	416.0	6	301.0	6
1956	839.0	7	825.0	7	790.0	6	716.0	6	631.0	6	510.0	7	434.0	7	355.0	7	253.0	7
1957	2320.0	2	2220.0	2	2100.0	2	1920.0	2	1790.0	2	1450.0	2	1290.0	2	1150.0	2	842.0	2
1958	2640.0	1	2540.0	1	2250.0	1	2120.0	1	2000.0	1	1860.0	1	1480.0	1	1160.0	1	790.0	1
1959	776.0	8	755.0	8	693.0	8	628.0	8	494.0	8	386.0	8	337.0	8	279.0	8	211.0	8
1960	2150.0	3	2030.0	3	1720.0	3	1270.0	3	924.0	5	782.0	4	791.0	3	663.0	3	467.0	3
1961	1410.0	5	1310.0	5	1250.0	5	1130.0	5	936.0	4	914.0	3	729.0	4	582.0	5	425.0	5
1962	1600.0	4	1580.0	4	1500.0	4	1190.0	4	1040.0	3	788.0	5	727.0	5	621.0	4	440.0	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
SAN MIGUEL RIVER NEAR NUCLA, CO.

YEAR	1	3	7	14	30	60	90	120	183									
1955	10.00	5	13.00	5	20.00	5	30.00	6	43.00	6	59.00	6	60.00	6	62.00	6	70.00	6
1956	1.50	2	1.50	2	1.60	2	3.00	2	5.70	2	25.00	3	34.00	3	42.00	3	48.00	3
1957	0.50	1	0.50	1	0.50	1	0.51	1	0.62	1	1.10	1	7.10	1	17.00	1	29.00	1
1958	34.00	8	36.00	8	40.00	7	65.00	8	76.00	8	80.00	8	86.00	8	94.00	8	107.00	8
1959	15.00	6	17.00	6	20.00	6	25.00	5	36.00	5	44.00	5	56.00	4	61.00	4	69.00	5
1960	6.50	3	7.00	4	11.00	4	15.00	4	18.00	4	43.00	4	57.00	5	61.00	5	61.00	4
1961	6.50	4	6.60	3	7.60	3	9.60	3	14.00	3	18.00	2	24.00	2	36.00	2	44.00	2
1962	16.00	7	22.00	7	44.00	8	55.00	7	62.00	7	70.00	7	72.00	7	78.00	7	103.00	7

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
75.0	82.5	73.1	65.8	70.1	85.2	595	785	848	319	124	67.3
3180	984	453	170	205	558	86810	265800	199800	126300	16420	7138
56.4	31.4	21.3	13.0	14.3	23.6	295	516	447	355	128	84.5
0.60	1.04	1.46	1.10	0.65	1.43	0.32	1.85	1.43	2.40	2.43	1.58
0.75	0.38	0.29	0.20	0.20	0.28	0.50	0.66	0.53	1.12	1.04	1.25
2.35	2.59	2.29	2.06	2.20	2.67	18.7	24.6	26.6	9.99	3.87	2.11

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.71	1.89	1.85	1.81	1.84	1.92	2.72	2.83	2.88	2.34	1.94	1.47
0.23	0.02	0.01	0.01	0.01	0.01	0.05	0.06	0.04	0.14	0.14	0.48
0.48	0.15	0.12	0.08	0.09	0.11	0.23	0.25	0.20	0.37	0.38	0.70
-1.22	0.65	0.94	0.76	0.61	1.07	-0.28	0.52	0.99	0.90	0.22	-0.75
0.28	0.08	0.06	0.05	0.05	0.06	0.09	0.09	0.07	0.16	0.19	0.47
6.79	7.50	7.34	7.19	7.29	7.61	10.8	11.2	11.4	9.29	7.71	5.82

DOLORES RIVER BASIN

09174000 SAN MIGUEL RIVER NEAR NUCLA, COLO.--Continued

STATION 09174000 SAN MIGUEL RIVER NEAR NUCLA, CO.

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
266	14670	121	0.76	0.46	-0.017

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.39	0.04	0.19	0.22	0.08	-0.131

09174500 COTTONWOOD CREEK NEAR NUCLA, COLO.

LOCATION.--Lat 38°16'25", long 108°21'58", in NW¼NW¼ sec.1, T.46 N., R.14 W., Montrose County, on right bank 0.1 mi (0.2 km) downstream from bridge on State Highway 90, 0.5 mi (0.8 km) upstream from North Fork, and 10 mi (16 km) east of Nucla.

DRAINAGE AREA.--38.8 mi² (100.5 km²).

REMARKS.--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

COTTONWOOD CREEK NEAR NUCLA, 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																																					
1943	61	34	87	47	25	3	19	2	2	5	4	2	1	1	2	2	15	5	6	3	4	2	5	8	4	5	6	5										
1944	100	109	32	5	5	7	7	2	5	6	11	9	2	6	1	5	2	2	2	4	3	10	8	7	4	3	2	3	4									
1945	1118	25	58	49	6	10	3	2	1	2		4	5	2	2	7	2	3	2	5	7	2	22	4	4	4	6	4	3	2								
1946	164	91	12	7	9	6	5		1	8	3	3	6	5	5	7	6	8	5	12	2																	
1947	38	102	92	33	6	6	1	5	5	9	5	9	5	5	2	3	5	11	6	6	3	8																
1948	32	62	77	25	2	8	1	31	12	28	6	3	1	3	2	3	7	2	5	5	4	5	5	8	6	8	3	3	4	4	1							
1949	144	32	39	18	6	3	2	9	11	10	2	2	2	4	2	2	7	5	9	7	7	10	10	4	2	6	4	1	4	1								
1950	144	55	41	15	11	3	6	4	2	4	4	1	5	2	1	1	3	6	2	5	14	7	7	6	5	4	3	4										
1951	189	69	30	19	8	1	6	1	1	1	2	4	1	1	4	3	10	7	4	2	2																	

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	516	3287	100.0	12	2.1	34	634	19.3	24	30	37	151	4.8
1	0.10	733	2771	84.3	13	2.7	23	600	18.3	25	37	27	124	3.7
2	0.20	523	2038	62.0	14	3.3	28	577	17.6	26	46	30	97	2.9
3	0.30	351	1515	46.1	15	4.1	21	549	16.7	27	57	26	57	2.0
4	0.40	164	1164	35.4	16	5.1	39	528	16.1	28	71	15	41	1.2
5	0.50	60	1000	30.4	17	6.4	66	489	14.9	29	88	14	26	.7
6	0.60	49	940	28.6	18	8.0	37	423	12.9	30	110	11	12	.3
7	0.70	54	891	27.1	19	9.9	42	386	11.7	31	140	1	1	
8	0.90	56	837	25.5	20	12.0	53	344	10.5	32				
9	1.10	45	781	23.8	21	15.0	43	291	8.9	33				
10	1.40	62	736	22.4	22	19.0	29	248	7.5	34				
11	1.70	40	674	20.5	23	24.0	58	219	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

COTTONWOOD CREEK NEAR NUCLA, CO.

YEAR	1	3	7	15	30	60	90	120	183									
1943	77.0	5	75.0	5	70.0	5	58.0	5	47.0	5	31.0	5	22.0	5	17.0	5	11.0	5
1944	137.0	2	129.0	1	118.0	2	87.0	2	63.0	2	40.0	3	28.0	3	21.0	3	14.0	3
1945	121.0	3	114.0	3	95.0	4	77.0	3	60.0	3	41.0	2	29.0	2	22.0	2	15.0	2
1946	17.0	7	15.0	8	13.0	8	13.0	7	10.0	8	7.6	7	5.3	7	4.1	7	2.8	7
1947	17.0	8	16.0	7	14.0	7	13.0	8	11.0	7	7.3	8	5.3	8	4.0	8	2.7	8
1948	153.0	1	129.0	2	122.0	1	93.0	1	71.0	1	47.0	1	33.0	1	25.0	1	17.0	1
1949	119.0	4	111.0	4	96.0	3	74.0	4	52.0	4	35.0	4	25.0	4	19.0	4	13.0	4
1950	65.0	6	61.0	6	57.0	6	45.0	6	35.0	6	24.0	6	17.0	6	13.0	6	8.3	6
1951	14.0	9	11.0	9	8.6	9	7.5	9	7.0	9	4.1	9	2.8	9	2.1	9	1.4	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

COTTONWOOD CREEK NEAR NUCLA, CO.

YEAR	1	3	7	14	30	60	90	120	183									
1944	0.10	6	0.10	8	0.10	7	0.10	5	0.10	5	0.10	5	0.12	7	0.14	7	0.17	7
1945	0.00	1	0.07	5	0.09	5	0.09	5	0.10	6	0.10	6	0.10	5	0.12	6	0.16	5

09175000 WEST NATURITA CREEK NEAR NORWOOD, COLO.--Continued

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WEST NATURITA CREEK NEAR NORWOOD, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	214	4383	100.0	12	3.0	292	1557	35.5	24	54	53	247	5.6
1	0.10	126	4169	95.1	13	3.8	182	1265	28.9	25	69	50	194	4.4
2	0.20	83	4043	92.2	14	4.8	186	1083	24.7	26	88	45	144	3.2
3	0.30	87	3960	90.3	15	6.1	86	897	20.5	27	110	33	99	2.2
4	0.40	41	3873	88.4	16	7.8	105	811	18.5	28	140	40	66	1.5
5	0.50	267	3832	87.4	17	9.9	108	706	16.1	29	180	13	26	.5
6	0.70	137	3565	81.3	18	13.0	61	598	13.6	30	230	12	13	.2
7	0.90	199	3428	78.2	19	16.0	69	537	12.3	31	300	1	1	
8	1.10	156	3229	73.7	20	21.0	54	468	10.7	32				
9	1.40	718	3073	70.1	21	26.0	72	414	9.4	33				
10	1.80	566	2355	53.7	22	33.0	38	342	7.8	34				
11	2.30	232	1789	40.8	23	43.0	57	304	6.9					

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 NATURITA CREEK NEAR NORWOOD, CO.

YEAR	1	3	7	15	30	60	90	120	183
1941	319.0 1	280.0 1	262.0 1	250.0 1	205.0 1	135.0 1	99.0 1	76.0 1	51.0 1
1942	182.0 3	179.0 3	174.0 3	158.0 3	144.0 2	131.0 2	95.0 2	72.0 2	49.0 2
1943	87.0 6	75.0 7	70.0 7	57.0 7	39.0 7	26.0 7	19.0 8	15.0 8	11.0 7
1944	256.0 2	241.0 2	203.0 2	175.0 2	139.0 3	88.0 3	66.0 3	50.0 3	33.0 3
1945	99.0 5	95.0 5	92.0 5	86.0 5	72.0 5	46.0 5	33.0 6	26.0 5	18.0 5
1946	46.0 9	31.0 9	20.0 9	14.0 10	14.0 9	10.0 9	7.8 10	6.4 10	5.2 10
1947	23.0 10	21.0 10	19.0 10	15.0 9	12.0 10	8.8 11	8.1 9	7.2 9	5.7 9
1948	130.0 4	109.0 4	103.0 4	94.0 4	87.0 4	66.0 4	46.0 4	35.0 4	24.0 4
1949	56.0 8	47.0 8	43.0 8	38.0 8	32.0 8	24.0 8	20.0 7	16.0 7	11.0 8
1950	21.0 11	17.0 11	15.0 11	13.0 11	11.0 11	8.9 10	7.1 11	5.8 11	4.4 11
1951	9.2 12	3.7 12	3.3 12	3.2 12	3.0 12	2.6 12	2.3 12	2.1 12	1.9 12
1952	86.0 7	81.0 6	71.0 6	64.0 6	57.0 6	45.0 6	33.0 5	25.0 6	17.0 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
WEST NATURITA CREEK NEAR NORWOOD, CO.

YEAR	1	3	7	14	30	60	90	120	183
1942	0.80 11	0.93 11	0.97 11	1.19 11	2.00 11	2.60 11	3.90 11	4.10 11	7.20 11
1943	0.20 9	0.20 9	0.24 8	0.25 7	0.36 6	0.72 5	1.10 6	1.30 7	1.40 6
1944	0.30 10	0.37 10	0.39 10	0.84 10	0.93 10	1.19 9	1.40 9	1.50 8	1.50 8
1945	0.10 5	0.10 5	0.10 5	0.14 5	0.26 4	0.80 6	1.10 7	1.19 6	1.40 7
1946	0.00 1	0.00 1	0.03 4	0.04 4	0.28 5	0.80 7	0.86 4	1.10 4	1.30 4
1947	0.20 6	0.20 6	0.29 9	0.48 9	0.62 9	0.97 8	1.40 8	1.50 9	2.00 9
1948	0.20 7	0.20 7	0.20 6	0.21 6	0.56 8	1.60 10	1.70 10	1.90 10	2.10 10
1949	0.00 2	0.00 2	0.00 1	0.02 3	0.11 3	0.32 3	0.43 3	0.46 3	0.44 3
1950	0.20 8	0.20 8	0.23 7	0.34 8	0.43 7	0.70 4	1.10 5	1.19 5	1.30 5
1951	0.00 3	0.00 3	0.00 2	0.01 2	0.01 2	0.03 2	0.05 2	0.13 2	0.55 3
1952	0.00 4	0.00 4	0.00 3	0.00 1	0.00 1	0.00 1	0.00 1	0.10 1	0.15 1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
2.95	2.09	1.71	1.60	2.06	3.74	31.4	56.9	14.4	2.64	2.79	1.01
24.0	4.97	1.35	0.76	1.45	6.79	717	3747	274	2.97	5.45	2.32
4.90	2.23	1.16	0.87	1.20	2.61	26.8	61.2	16.5	1.72	2.34	1.52
3.18	2.61	2.19	1.78	1.12	2.33	1.54	1.22	1.44	0.55	1.08	2.79
1.66	1.07	0.68	0.55	0.58	0.70	0.85	1.08	1.15	0.65	0.84	1.51
2.39	1.69	1.39	1.30	1.67	3.03	25.5	46.1	11.7	2.14	2.27	0.82

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
-0.02	0.06	0.16	0.14	0.24	0.50	1.31	1.44	0.84	0.22	0.23	-0.26
0.91	0.44	0.07	0.07	0.07	0.06	0.24	0.40	0.39	0.42	0.33	0.31
0.95	0.67	0.27	0.27	0.27	0.24	0.49	0.63	0.63	0.65	0.58	0.56
-1.75	-2.03	-0.17	-1.26	-0.39	0.91	-1.17	-0.45	-0.62	-2.80	-1.77	-0.45
-39.7	11.4	1.75	1.88	1.09	0.47	0.37	0.44	0.75	2.89	2.48	-2.20
-0.49	1.20	3.21	2.90	5.01	10.3	27.0	29.5	17.2	4.62	4.77	-5.25

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWNESS	COEFF. OF VARIATION	SERIAL CORR
10.6	82.3	9.07	1.09	0.86	0.455

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWNESS	COEFF. OF VARIATION	SERIAL CORR
0.86	0.18	0.43	-0.38	0.50	0.340

09175500 SAN MIGUEL RIVER AT NATURITA, COLO.

LOCATION.--Lat 38°13'04", long 108°33'57", in NE¼NW¼ sec.30, T.46 N., R.15 W., Montrose County, on left bank 20 ft (6 m) downstream from bridge on State Highway 97 in Naturita and 1.2 mi (1.9 km) downstream from Naturita Creek.

DRAINAGE AREA.--1,069 mi² (2,769 km²).

REMARKS.--Natural flow of stream affected by storage reservoirs, diversions for irrigation of about 22,000 acres (89.0 km²) above station and 4,000 acres (16.2 km²) below, and return flow from irrigated areas.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SAN MIGUEL RIVER AT NATURITA, CO.

CLASS YEAR	NUMBER OF DAYS IN CLASS																																							
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34					
1919												33	54	48	10	3	3	54	37	9	9	3	9	25	20	20	17	9	2											
1920												26	17	33	73	65	13	8	8	10	9	15	14	4	2	3	15	13	15	13	9	1								
1921											1	1	1	39	84	39	12	11	13	11	22	6	12	13	23	15	16	21	12	7	4	2								
1922											22	44	9	35	50	60	7	18	20	13	4	4	3	4	3	9	22	15	19	4										
1923												31	15	53	84	12	17	12	14	10	7	19	11	15	16	41	6	2												
1924											12	38	59	73	52	15	9	5	8	5	4	9	10	14	13	18	12	4	1											
1925												35	86	40	13	12	13	19	16	18	13	26	17	22	16	16	2	1												
1926											3	18	52	50	18	23	23	32	30	6	10	9	5	5	25	11	33	12												
1927											1	2	5	124	34	9	3	5	19	24	15	16	25	37	17	22	4	2	1											
1928											9	9	7	11	71	66	36	25	11	44	9	3	11	8	22	17	7													
1929											1	1	32	5	71	35	13	27	5	9	13	26	18	15	19	27	35	10	3											
1941														77	50	37	11	12	12	7	17	16	12	13	15	19	16	14	14	6	3	1	1							
1942														19	28	45	44	25	21	14	22	14	15	19	10	6	5	2	28	16	12	6	4							
1943														2	18	66	105	15	13	18	11	22	22	15	23	14	18	3												
1944											5	11	39	76	76	17	8	6	7	12	15	7	11	5	8	10	14	12	14	5	4	4								
1945											4	13	33	72	76	33	7	6	6	9	13	12	13	21	10	16	6	7	5	3										
1946													2	54	55	60	40	18	23	21	13	12	19	19	13	10	6													
1947													22	77	59	17	15	22	28	13	20	9	26	26	19	11	1													
1948											5	16	4	4	69	66	23	26	28	15	12	9	14	6	3	13	23	13	5	10	2									
1949											2	9	18	18	59	100	30	3	4	9	5	7	10	12	14	26	13	17	3	3	2	1								
1950											2	1	2	9	5	15	9	18	7	46	107	29	4	2	15	14	23	25	14	17	1									
1951											2	10	17	20	21	114	77	23	9	16	4	12	8	8	14	8	2													
1952											1	1	10	11	21	82	63	12	10	4	14	15	13	8	4	7	13	12	12	23	24	6								
1953											1	8	1	9	6	12	22	68	96	14	18	12	23	15	13	8	14	7	9	5	3	1								
1954											1	14	4	4	4	8	22	50	89	40	23	32	25	17	25	3	4													
1955											1	9	8	2	6	4	10	50	74	42	26	21	21	5	6	14	17	24	12	10	2	1								
1956											5	7	18	3	3	17	6	3	4	8	23	48	70	36	7	7	7	6	10	5	20	17	12	19	5					
1957											25			5							16	32	27	57	17	12	4	3	6	8	13	8	7	9	17	20	20	15	11	1
1958														10	10	14	40	38	51	34	36	27	11	8	4	4	5	1	11	5	5	24	19	3	5					
1959											1	1	3	3	5	5	4	13	9	14	39	54	94	17	11	17	21	17	15	8	7	6	1							
1960											2	5	7	12	11	29	60	57	32	14	9	6	7	9	19	9	19	20	16	16	2	1	4							
1961											1	4	13	32	90	34	34	17	13	15	24	12	5	4	5	18	18	13	12	1										
1962											2	4	11	4	4	3	13	31	48	33	40	23	16	21	4	16	22	18	19	9	11	6	4	3						
1963													1	3	10	10	20	38	65	63	39	24	14	18	16	21	9	7	1	5	1									
1964											2	5	2	7	17	13	12	71	48	26	33	15	12	10	8	6	12	13	15	17	7	7	6	2						
1965											2	7	13	46	82	29	21	7	15	14	7	6	4	12	22	29	22	12	6	4	1	3	1							
1966											2	2		1	4	6	7	10	11	6	5	3	22	63	36	35	24	25	10	29	26	19	8	6	5					
1967													1	4	1	14	35	82	77	30	30	11	15	15	13	9	5	7	1											
1968													4	7	4	4	12	13	13	81	65	17	14	11	13	5	13	12	19	10	15	17	9	8						
1969													1	2	5	5	2	7	16	53	90	32	12	13	6	8	6	23	14	32	18	18	2							
1970													1	4	2	38	88	36	26	37	25	12	7	10	12	15	18	9	12	6	3	2	2							
1971											2	12	13	12	7	55	65	31	29	21	7	5	33	28	27	5	10	2	1											
1972											12	2	2	6	2	6	1	3	5	7	5	17	19	37	55	63	37	23	26	6	9	7	8	8						
1973													1	4	7	17	36	79	36	31	19	10	10	6	10	6	7	3	11	23	11	19	12	7						
1974											1	3	2	1	7	11	17	10	1	5	12	20	53	73	33	5	8	8	14	13	14	15	6	18	11	1	1	1		
1975													1	1	7	3	6	44	61	64	42	6	8	6	10	1	3	9	7	8	15	16	27	12	8					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	16801	100.0	12	51.0	870	15834	94.2	24	640	589	2736	16.2
1	5.00	42	16801	100.0	13	63.0	1640	14964	89.1	25	790	537	2147	12.7
2	6.20	12	16759	99.8	14	78.0	2212	13324	79.3	26	970	491	1610	9.5
3	7.60	26	16747	99.7	15	96.0	2401	11112	66.1	27	1200	447	1119	6.6
4	9.40	12	16721	99.5	16	120.0	1434	8711	51.8	28	1500	257	672	3.9
5	12.00	14	16709	99.5	17	150.0	827	7277	43.3	29	1800	211	415	2.4
6	14.00	52	16695	99.4	18	180.0	741	6450	38.4	30	2300	122	204	1.2
7	18.00	78	16643	99.1	19	220.0	696	5709	34.0	31	2800	54	82	.4
8	22.00	102	16565	98.6	20	280.0	493	5013	29.8	32	3500	22	28	.1
9	27.00	110	16463	98.0	21	340.0	618	4520	26.9	33	4300	5	6	
10	33.00	180	16353	97.3	22	420.0	581	3902	23.2	34	5300	1	1	
11	41.00	339	16173	96.3	23	520.0	585	3321	19.8					

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

YEAR	1	3	7	15	30	60	90	120	183
1919	1650.0 25	1500.0 26	1370.0 25						

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 MIGUEL RIVER AT NATURITA, CO.

YEAR	1	3	7	15	30	60	90	120	183
1926	1670.0 24	1600.0 24	1580.0 21	1470.0 18	1410.0 17	1320.0 13	1160.0 15	960.0 15	679.0 16
1927	2610.0 14	2090.0 17	1470.0 24	1260.0 23	1230.0 21	1070.0 21	994.0 19	865.0 17	775.0 11
1928	1720.0 23	1660.0 23	1530.0 22	1360.0 21	1290.0 20	1140.0 19	921.0 22	784.0 21	577.0 22
1929	2270.0 18	2090.0 18	1710.0 19	1410.0 20	1360.0 19	1280.0 14	1170.0 13	1070.0 11	848.0 9
1941	6420.0 1	4190.0 2	3600.0 4	3450.0 2	2830.0 2	2250.0 3	1930.0 2	1620.0 2	1190.0 2
1942	5270.0 2	4990.0 1	4460.0 1	3920.0 1	3170.0 1	2750.0 1	2330.0 1	1900.0 1	1320.0 1
1943	1330.0 34	1240.0 33	1180.0 31	1090.0 30	989.0 28	777.0 30	733.0 28	624.0 27	501.0 25
1944	4140.0 6	4110.0 3	3680.0 2	2940.0 3	2450.0 4	1910.0 6	1510.0 8	1230.0 8	854.0 8
1945	2740.0 13	2640.0 12	2340.0 11	1960.0 12	1500.0 14	1170.0 17	997.0 18	839.0 19	595.0 21
1946	1020.0 39	1010.0 39	973.0 36	894.0 34	663.0 39	576.0 38	500.0 35	484.0 35	372.0 35
1947	1250.0 36	1150.0 35	1060.0 33	892.0 35	823.0 33	772.0 31	715.0 29	605.0 30	497.0 28
1948	2990.0 10	2850.0 10	2710.0 8	2350.0 8	1910.0 9	1670.0 9	1360.0 9	1110.0 9	792.0 10
1949	2990.0 11	2590.0 13	2200.0 14	1760.0 14	1410.0 18	1080.0 20	1050.0 17	884.0 16	624.0 17
1950	841.0 42	708.0 44	704.0 44	623.0 43	570.0 40	483.0 40	486.0 39	424.0 39	317.0 39
1951	676.0 45	640.0 45	560.0 45	498.0 45	467.0 44	362.0 45	283.0 45	241.0 45	181.0 45
1952	1980.0 21	1840.0 22	1770.0 18	1670.0 15	1590.0 11	1410.0 11	1270.0 11	1060.0 12	752.0 14
1953	1560.0 29	1440.0 27	1250.0 30	1020.0 31	893.0 31	627.0 35	536.0 38	454.0 37	335.0 38
1954	500.0 46	465.0 46	417.0 46	366.0 46	318.0 46	274.0 46	242.0 46	217.0 46	173.0 46
1955	1450.0 33	1160.0 34	942.0 37	800.0 38	704.0 35	621.0 36	558.0 36	452.0 38	343.0 37
1956	880.0 40	873.0 40	844.0 40	760.0 39	692.0 38	570.0 39	485.0 40	400.0 40	284.0 40
1957	2860.0 12	2730.0 11	2600.0 9	2100.0 11	2060.0 8	1660.0 10	1540.0 7	1360.0 6	997.0 4
1958	4200.0 3	4050.0 4	3680.0 3	2730.0 5	2520.0 3	2310.0 2	1800.0 3	1410.0 3	983.0 5
1959	806.0 43	780.0 42	711.0 42	633.0 42	499.0 42	395.0 41	349.0 42	294.0 42	225.0 42
1960	2250.0 19	2160.0 16	1790.0 16	1320.0 22	963.0 29	815.0 27	818.0 24	702.0 24	500.0 26
1961	1560.0 30	1420.0 29	1340.0 27	1210.0 26	999.0 27	968.0 24	775.0 26	624.0 28	461.0 29
1962	1920.0 22	1870.0 21	1780.0 17	1430.0 19	1210.0 22	875.0 25	804.0 25	691.0 25	500.0 27
1963	1300.0 35	1060.0 36	903.0 39	646.0 41	462.0 45	379.0 44	358.0 41	304.0 41	235.0 41
1964	1580.0 28	1430.0 28	1330.0 29	1150.0 29	913.0 30	798.0 29	653.0 33	529.0 34	381.0 34
1965	3720.0 7	3360.0 7	2790.0 7	2210.0 9	1570.0 12	1250.0 15	1170.0 14	1040.0 13	756.0 13
1966	1070.0 38	1020.0 37	1000.0 35	836.0 37	696.0 37	591.0 37	543.0 37	477.0 36	353.0 36
1967	878.0 41	796.0 41	726.0 41	582.0 44	496.0 43	388.0 42	319.0 43	274.0 44	216.0 44
1968	1480.0 32	1390.0 30	1340.0 28	1160.0 27	1040.0 26	850.0 26	667.0 31	592.0 31	435.0 31
1969	1100.0 37	1010.0 38	916.0 38	846.0 36	723.0 35	706.0 33	626.0 34	560.0 32	410.0 32
1970	3120.0 9	2910.0 9	2210.0 13	1780.0 13	1530.0 13	1160.0 18	948.0 20	765.0 22	603.0 18
1971	1540.0 31	1320.0 31	1100.0 32	950.0 33	806.0 34	702.0 34	654.0 32	618.0 29	450.0 30
1972	770.0 44	747.0 43	708.0 43	660.0 40	541.0 41	388.0 43	318.0 44	289.0 43	221.0 43
1973	3300.0 8	3020.0 8	2600.0 10	2470.0 7	2240.0 6	1970.0 5	1710.0 4	1390.0 4	965.0 6
1974	2540.0 17	1970.0 20	1520.0 23	1230.0 24	1050.0 25	811.0 28	676.0 30	560.0 33	406.0 33
1975	2140.0 20	1990.0 19	1920.0 15	1640.0 16	1450.0 15	1330.0 12	1210.0 12	1000.0 14	693.0 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
SAN MIGUEL RIVER AT NATURITA, CO.

YEAR	1	3	7	14	30	60	90	120	183
1920	52.00 32	52.00 30	54.00 29	55.00 26	60.00 21	76.00 24	83.00 21	89.00 26	105.00 31
1921	40.00 21	60.00 35	72.00 34	80.00 36	85.00 36	90.00 35	96.00 34	102.00 35	107.00 33
1922	44.00 25	45.00 23	50.00 26	50.00 21	55.00 18	75.00 21	84.00 22	89.00 27	100.00 29
1923	46.00 26	46.00 24	48.00 23	49.00 19	51.00 14	57.00 12	63.00 12	74.00 15	84.00 15
1924	58.00 35	59.00 34	66.00 32	66.00 31	70.00 28	73.00 17	80.00 19	84.00 18	91.00 23
1925	41.00 22	42.00 21	44.00 19	47.00 17	53.00 15	63.00 14	66.00 13	67.00 12	67.00 9
1926	63.00 36	69.00 38	74.00 37	75.00 32	75.00 31	77.00 25	87.00 30	96.00 31	134.00 38
1927	47.00 29	49.00 28	51.00 27	57.00 27	59.00 19	91.00 36	101.00 37	102.00 36	102.00 30
1928	125.00 44	125.00 44	125.00 44	125.00 44	125.00 43	125.00 43	133.00 43	144.00 43	178.00 43
1929	53.00 33	54.00 31	57.00 30	60.00 28	74.00 29	92.00 37	98.00 36	108.00 37	120.00 35
1942	80.00 42	89.00 42	103.00 42	115.00 43	125.00 44	138.00 44	141.00 44	159.00 44	275.00 44
1943	72.00 40	79.00 41	80.00 39	85.00 39	94.00 39	108.00 40	116.00 40	118.00 38	120.00 36
1944	66.00 37	73.00 39	75.00 38	77.00 34	78.00 32	80.00 27	84.00 23	88.00 24	92.00 24
1945	46.00 27	47.00 25	49.00 24	54.00 25	61.00 22	81.00 28	86.00 28	89.00 25	90.00 19
1946	47.00 28	49.00 26	50.00 25	53.00 23	66.00 26	75.00 22	79.00 18	86.00 21	90.00 20
1947	66.00 38	68.00 36	71.00 33	76.00 33	80.00 33	83.00 31	84.00 24	87.00 22	95.00 26
1948	96.00 43	99.00 43	104.00 43	109.00 42	111.00 42	113.00 41	118.00 42	130.00 41	151.00 41
1949	49.00 30	49.00 27	51.00 28	53.00 24	62.00 23	81.00 29	85.00 25	84.00 19	90.00 21
1950	37.00 20	39.00 20	45.00 21	50.00 20	54.00 16	74.00 20	82.00 20	82.00 17	89.00 18
1951	12.00 7	13.00 7	18.00 9	23.00 11	29.00 8	45.00 7	55.00 6	58.00 6	62.00 6
1952	26.00 17	29.00 18	35.00 17	36.00 14	42.00 13	55.00 10	57.00 9	59.00 7	65.00 7
1953	51.00 31	54.00 32	73.00 35	78.00 35	81.00 34	87.00 32	92.00 31	92.00 29	98.00 27
1954	17.00 12	18.00 12	18.00 10	19.00 7	22.00 5	39.00 6	61.00 11	64.00 9	70.00 11
1955	25.00 16	27.00 16	33.00 15	42.00 15	59.00 20	73.00 18	75.00 17	80.00 16	94.00 25
1956	14.00 8	14.00 8	14.00 5	15.00 4	19.00 4	36.00 5	45.00 2	52.00 3	56.00 3
1957	5.80 2	5.80 2	5.90 2	5.90 1	6.00 1	7.20 1	17.00 1	26.00 1	38.00 1
1958	66.00 39	68.00 37	82.00 40	85.00 38	93.00 38	103.00 39	112.00 38	132.00 42	146.00 39
1959	43.00 23	44.00 22	44.00 20	47.00 18	74.00 30	78.00 29	86.00 26	86.00 20	87.00 16
1960	8.00 5	12.00 5	17.00 8	22.00 9	32.00 9	58.00 13	70.00 15	73.00 13	71.00 12
1961	19.00 13	21.00 13	25.00 13	29.00 13	37.00 12	48.00 8	56.00 7	65.00 10	65.00 8
1962	19.00 14	26.00 15	48.00 22	61.00 30	67.00 27	76.00 23	93.00 32	97.00 32	123.00 37
1963	15.00 11	16.00 11	20.00 11	22.00 10	36.00 11	71.00 16	87.00 29	91.00 28	91.00 22
1964	12.00 6	13.00 6	16.00 6	21.00 6	35.00 10	56.00 11	56.00 8	57.00 5	61.00 4
1965	14.00 9	15.00 9	22.00 12	27.00 12	54.00 17	74.00 19	74.00 16	74.00 14	77.00 14
1966	75.00 41	79.00 40	84.00 41	91.00 40	96.00 40	100.00 38	114.00 39	121.00 39	152.00 42
1967	6.50 3	7.30 3	12.00 4	17.00 5	26.00 6	31.00 3	50.00 5	56.00 4	62.00 5
1968	20.00 15	21.00 14	28.00 14	42.00 16	62.00 24	66.00 15	67.00 14	67.00 11	71.00 13
1969	14.00 10	15.00 10	17.00 7	19.00 6	28.00 7	50.00 9	60.00 10	62.00 8	68.00 10
1970	43.00 24	52.00 29	58.00 31	81.00 37	90.00 37	90.00 33	94.00 33	99.00 33	119.00 34

DOLORES RIVER BASIN

09175900 DRY CREEK NEAR NATURITA, COLO.--Continued

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

DISCHARGE IN CUBIC FEET PER SECOND
MEAN
DRY CREEK NEAR NATURITA, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1461	3287	100.0	12	0.9	84	891	27.1	24	43	11	25	.7
1	0.01	85	1826	55.6	13	1.2	125	807	24.6	25	60	6	14	.4
2	0.02	71	1741	53.0	14	1.7	122	692	20.7	26	83	4	8	.2
3	0.03	72	1670	50.8	15	2.4	103	560	17.0	27	110	2	4	.1
4	0.05	38	1598	48.6	16	3.3	89	457	13.9	28	160		2	
5	0.06	107	1560	47.5	17	4.5	92	368	11.2	29	220		2	
6	0.09	22	1453	44.2	18	6.3	76	276	8.4	30	300	1	2	
7	0.10	136	1431	43.5	19	8.6	53	200	6.1	31	420	1	1	
8	0.20	94	1295	39.4	20	12.0	51	147	4.5	32				
9	0.30	133	1201	36.5	21	16.0	33	96	2.9	33				
10	0.50	88	1068	32.5	22	23.0	19	63	1.9	34				
11	0.70	89	980	29.8	23	31.0	19	44	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
DRY CREEK NEAR NATURITA, CO.

YEAR	1	3	7	15	30	60	90	120	183
1967	81.0 5	52.0 4	29.0 4	18.0 3	16.0 3	8.8 3	6.2 3	5.0 3	3.3 4
1968	43.0 9	24.0 7	11.0 9	8.4 9	4.9 9	3.0 8	2.7 8	2.5 8	2.0 8
1969	47.0 7	23.0 8	14.0 8	12.0 5	9.3 4	7.7 4	5.7 4	4.3 4	4.1 3
1970	1030.0 1	380.0 1	164.0 1	112.0 1	58.0 1	29.0 1	21.0 1	17.0 1	13.0 1
1971	103.0 4	72.0 2	33.0 3	15.0 4	7.6 5	4.6 6	3.4 7	3.0 7	3.0 5
1972	137.0 3	48.0 5	21.0 6	11.0 6	5.5 8	2.8 9	2.2 9	1.7 9	1.2 9
1973	151.0 2	59.0 3	47.0 2	38.0 2	29.0 2	20.0 2	14.0 2	12.0 2	8.2 2
1974	46.0 8	23.0 9	15.0 7	9.9 8	6.5 7	4.3 7	4.1 6	3.1 6	2.4 7
1975	72.0 6	38.0 6	22.0 5	11.0 7	7.4 6	5.1 5	4.2 5	3.8 5	2.9 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
DRY CREEK NEAR NATURITA, CO.

YEAR	1	3	7	14	30	60	90	120	183
1968	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.15 4
1969	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.02 3	0.08 3
1970	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.03 5	0.08 5	0.51 6
1971	0.00 4	0.00 4	0.00 4	0.00 4	0.02 8	0.05 8	0.10 7	0.09 6	0.31 5
1972	0.00 5	0.00 5	0.00 5	0.00 5	0.00 4	0.03 7	0.19 8	0.28 7	1.10 7
1973	0.00 6	0.00 6	0.00 6	0.00 6	0.00 5	0.00 4	0.09 6	0.35 8	1.19 8
1974	0.00 7	0.00 7	0.00 7	0.00 7	0.00 6	0.00 5	0.00 3	0.00 2	0.02 1
1975	0.00 8	0.00 8	0.00 8	0.00 8	0.00 7	0.00 6	0.00 4	0.04 4	0.07 2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
2.47	0.32	0.25	0.12	0.61	2.41	3.12	7.12	1.47	2.41	2.59	7.92
19.1	0.29	0.23	0.05	0.24	4.48	5.16	60.2	5.86	7.42	7.19	322
4.37	0.54	0.48	0.21	0.49	2.12	2.27	7.76	2.42	2.72	2.68	18.0
2.31	1.83	1.68	1.87	0.97	0.57	0.26	2.05	2.56	1.91	1.03	2.92
1.77	1.67	1.94	1.84	0.81	0.88	0.73	1.09	1.64	1.13	1.03	2.27
8.00	1.05	0.81	0.38	1.97	7.83	10.1	23.1	4.78	7.83	8.42	25.7

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
-0.11	-0.89	-1.02	-0.42	-0.24	0.19	0.25	0.61	-0.34	0.03	0.04	-0.08
0.55	0.70	1.65	0.50	0.11	0.21	0.48	0.30	0.93	0.52	0.59	1.69
0.74	0.83	1.28	0.71	0.34	0.46	0.69	0.55	0.96	0.72	0.77	1.30
0.33	-0.12	-0.54	-1.93	-1.09	-0.02	-1.96	-0.84	-1.00	-0.88	-0.98	-0.77
-6.72	-0.93	-1.27	-1.68	-1.41	2.43	2.83	0.89	-2.84	22.2	17.9	-15.4
5.61	45.1	51.3	21.3	12.0	-9.59	-12.4	-31.0	17.2	-1.64	-2.17	4.27

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.58	4.08	2.02	1.58	0.78	-0.282

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.32	0.08	0.29	0.99	0.90	-0.303

DOLORES RIVER BASIN

09176500 TABEGUACHE CREEK NEAR NUCLA, COLO.

LOCATION.--Lat 38°22'05", long 108°20'41", in NE¼SW¼ sec.31, T.48 N., R.13 W., Montrose County, on right bank 15 ft (5 m) downstream from bridge, 1.2 mi (1.9 km) downstream from headgate of Glencoe ditch, and 13 mi (21 km) northeast of Nucla.

DRAINAGE AREA.--16.9 mi² (43.8 km²).

REMARKS.--Glencoe ditch diverts water above station for irrigation of a few hundred acres in a nearby drainage.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TABEGUACHE CREEK NEAR NUCLA, 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
1947		2	13	41	78	35	60	18	6	13	9	5	8	4	6	4	2	5	6	5	4	1	6	11	8	9	5	6	7	7	15	1			
1948	62	4	7	8	1	4	12	1	4			3	4	46	41	12	47	36	5	3	2	6	3	5	9	5	6	6	14	15					
1949	41	15	29	7	38	79	45	2	4	2		1	8	3	3	5	6	2	2	1	2	3	5	6	13	6	6	14	15						
1950	74	6	4	6	12	10	93	34	4	3	32	1	2	3	2	2	2	2	3	2	3	5	1	6	9	6	10	14	6	4	4				
1951	93	4	8	92	37	2	14	13	3	14	5	4	10	4	2	2	3	9	13	1	2	1	1	11	5	7	4	1							
1952	76	28	48	97	9	6	9		1	3	3	2	2	1	1	1	1	2	1	1	1	21	1	2	3	8	9	10	8	10	1				
1953	44	54	52	65	13	22	9	4	10	1	7	5	5	9	9	2	2	2	2	9	9	7	8	4	3	2	5	1							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	390	2557	100.0	12	2.4	39	772	30.2	24	37	38	269	10.5
1	0.10	113	2167	84.7	13	3.0	70	733	28.7	25	46	49	231	9.0
2	0.20	161	2054	80.3	14	3.8	64	663	25.9	26	58	43	182	7.1
3	0.30	316	1893	74.0	15	4.8	28	599	23.4	27	73	37	139	5.4
4	0.40	188	1577	61.7	16	6.0	62	571	22.3	28	91	37	102	3.9
5	0.50	158	1389	54.3	17	7.5	58	509	19.9	29	110	34	65	2.5
6	0.60	242	1231	48.1	18	9.4	28	451	17.6	30	140	29	31	1.2
7	0.80	72	989	38.7	19	12.0	25	423	16.5	31	180	2	2	
8	1.00	32	917	35.9	20	15.0	23	398	15.6	32				
9	1.20	36	885	34.6	21	19.0	19	375	14.7	33				
10	1.50	56	849	33.2	22	23.0	16	356	13.9	34				
11	1.90	21	793	31.0	23	29.0	11	310	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
TABEGUACHE CREEK NEAR NUCLA, CO.

YEAR	1	3	7	15	30	60	90	120	183
1947	63.0 7	62.0 7	57.0 7	52.0 6	45.0 5	31.0 5	22.0 5	17.0 5	11.0 5
1948	208.0 1	178.0 1	162.0 2	124.0 2	116.0 2	95.0 1	67.0 1	52.0 1	36.0 1
1949	137.0 4	130.0 4	122.0 4	108.0 4	105.0 3	83.0 3	61.0 3	46.0 3	30.0 3
1950	155.0 3	152.0 3	139.0 3	115.0 3	89.0 4	73.0 4	51.0 4	39.0 4	26.0 4
1951	74.0 5	70.0 5	62.0 6	54.0 5	44.0 6	27.0 6	18.0 6	14.0 6	9.2 6
1952	180.0 2	177.0 2	169.0 1	155.0 1	128.0 1	93.0 2	67.0 2	50.0 2	33.0 2
1953	73.0 6	65.0 6	64.0 5	47.0 7	33.0 7	24.0 7	17.0 7	13.0 7	8.5 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
TABEGUACHE CREEK NEAR NUCLA, CO.

YEAR	1	3	7	14	30	60	90	120	183
1947	0.00 1	0.00 1	0.00 1	0.00 1	0.01 4	0.12 6	0.14 5	0.23 5	0.32 5
1948	0.10 7	0.17 7	0.19 7	0.28 7	0.42 7	0.79 7	0.77 7	1.19 7	2.40 7
1949	0.00 2	0.00 2	0.00 2	0.00 2	0.01 5	0.04 3	0.08 4	0.14 3	0.26 3
1950	0.00 3	0.00 3	0.00 3	0.00 3	0.00 1	0.05 4	0.18 6	0.31 6	0.41 6
1951	0.00 4	0.00 4	0.00 4	0.00 4	0.00 2	0.00 1	0.01 1	0.14 4	0.31 4
1952	0.00 5	0.00 5	0.00 5	0.00 5	0.00 3	0.02 2	0.04 2	0.05 1	0.08 1
1953	0.00 6	0.00 6	0.00 6	0.00 6	0.03 6	0.06 5	0.07 3	0.10 2	0.15 2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
0.91	1.05	0.77	0.87	1.21	1.80	40.0	72.1	14.8	0.59	0.30	0.14
2.42	2.42	1.17	1.68	4.48	7.69	914	1402	148	0.56	0.14	0.08
1.55	1.55	1.08	1.30	2.12	2.77	30.2	37.4	12.2	0.75	0.38	0.29
2.53	2.43	2.53	2.60	2.61	2.49	0.39	0.28	1.39	2.22	1.36	2.61
1.71	1.48	1.40	1.49	1.74	1.54	0.76	0.52	0.82	1.27	1.29	1.99
0.68	0.78	0.57	0.65	0.90	1.34	29.7	53.6	11.0	0.44	0.22	0.11

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
-0.45	-0.31	-0.34	-0.29	-0.24	-0.03	1.45	1.80	1.06	-0.50	-0.63	-1.38
0.39	0.36	0.17	0.16	0.22	0.23	0.19	0.06	0.11	0.32	0.32	0.51
0.63	0.60	0.42	0.40	0.47	0.48	0.43	0.24	0.33	0.56	0.57	0.71
0.55	0.07	1.56	2.16	2.16	1.37	-0.57	-0.04	0.54	-0.43	-0.06	0.45
-1.39	-1.89	-1.24	-1.39	-1.97	-14.8	0.30	0.13	0.31	-1.12	-0.91	-0.52
-319	-223	-238	-206	-170	-23.1	1028	1276	749	-355	-443	-976

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
11.3	37.7	6.14	-0.09	0.55	-0.510

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.98	0.08	0.28	-0.33	0.28	-0.509

09177000 SAN MIGUEL RIVER AT URAVAN, COLO.

LOCATION.--Lat 38°21'26", long 108°42'44", in SW¼NE¼ sec.2, T.47 N., R.17 W., Montrose County, on right bank 20 ft (6 m) downstream from bridge on State Highway 141, 400 ft (120 m) downstream from Tabeguache Creek, and 1.5 mi (2.4 km) southeast of Uravan.

DRAINAGE AREA.--1,499 mi² (3,882 km²).

REMARKS.--Natural flow of stream affected by storage reservoirs, diversions for irrigation of about 28,000 acres (113 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
SAN MIGUEL RIVER AT URAVAN, CO.

CLASS YEAR	NUMBER OF DAYS IN CLASS																																			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
1955							7	14	6	7	26	51	40	42	21	26	15	16	5	5	6	14	14	22	22	3	1	2								
1956		12	20	8	4	13	10	14	51	64	35	12	12	4	9	5	11	7	4	15	14	10	25	6	1											
1957		18	9	2	2	8	9	27	26	37	24	20	13	5	5	3	8	5	15	10	4	9	10	15	14	20	9	12	19	5	2					
1958								5	9	10	8	15	66	26	37	35	26	19	13	4	7	5	4	3	1	4	12	2	12	21	11	4	3	3		
1959					5	6	3	4	13	15	20	33	54	89	12	11	8	21	21	18	11	6	8	5	2											
1960					1	2	5	8	14	19	32	40	37	45	10	9	4	8	7	8	9	12	19	23	17	15	12	6		2	2					
1961						1	2	2	20	55	54	34	36	13	14	9	16	17	12	8	4	3	14	12	19	11	9									
1962								1	14	11	12	31	30	50	27	20	18	23	14	4	3	22	24	17	13	4	7	12	1	5	1					
1974		2	5	4	13	18	3	6	6	12	27	31	73	31	17	5	5	8	13	13	17	14	7	10	9	12	2									
1975					1	5	2	1	26	30	67	30	44	12	7	6	10	9	1	2	4	9	7	9	13	18	25	7	7	3						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	3652	100.0	12	87.0	307	2478	67.9	24	760	104	484	13.2
1	12.00	2	3652	100.0	13	100.0	477	2171	59.4	25	910	80	380	10.4
2	14.00	18	3650	99.9	14	130.0	169	1694	46.4	26	1100	79	300	8.2
3	17.00	42	3632	99.5	15	150.0	155	1525	41.8	27	1300	88	221	6.0
4	21.00	36	3590	98.3	16	180.0	110	1370	37.5	28	1600	19	133	3.6
5	25.00	33	3554	97.3	17	210.0	139	1260	34.5	29	1900	39	114	3.1
6	30.00	39	3521	96.4	18	260.0	115	1121	30.7	30	2200	47	75	2.0
7	35.00	49	3482	95.3	19	310.0	83	1006	27.5	31	2700	16	28	.7
8	42.00	84	3433	94.0	20	370.0	86	923	25.3	32	3200	6	12	.3
9	51.00	201	3349	91.7	21	440.0	110	837	22.9	33	3800	3	6	.1
10	61.00	287	3148	86.2	22	530.0	110	727	19.9	34	4600	3	3	
11	73.00	383	2861	78.3	23	630.0	133	617	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
SAN MIGUEL RIVER AT URAVAN, CO.

YEAR	1	3	7	15	30	60	90	120	183
1955	1480.0 8	1220.0 8	991.0 8	881.0 8	837.0 8	731.0 8	636.0 8	517.0 8	399.0 8
1956	930.0 9	905.0 9	887.0 9	796.0 9	725.0 9	618.0 9	522.0 9	430.0 9	307.0 9
1957	3410.0 2	3240.0 2	3040.0 2	2670.0 2	2390.0 2	1950.0 2	1730.0 2	1510.0 2	1100.0 2
1958	4900.0 1	4700.0 1	4290.0 1	3140.0 1	2920.0 1	2610.0 1	2030.0 1	1590.0 1	1110.0 1
1959	780.0 10	758.0 10	699.0 10	632.0 10	499.0 10	408.0 10	364.0 10	307.0 10	238.0 10
1960	2640.0 3	2320.0 3	1890.0 5	1480.0 5	1120.0 6	939.0 6	905.0 4	811.0 4	589.0 4
1961	1510.0 7	1470.0 7	1390.0 7	1220.0 7	1060.0 7	1020.0 4	818.0 6	660.0 6	496.0 6
1962	2200.0 6	2150.0 5	2050.0 4	1690.0 4	1430.0 4	1020.0 5	904.0 5	777.0 5	563.0 5
1974	2630.0 4	2100.0 6	1640.0 6	1370.0 6	1160.0 5	878.0 7	730.0 7	609.0 7	451.0 7
1975	2380.0 5	2290.0 4	2220.0 3	1890.0 3	1650.0 3	1430.0 3	1290.0 3	1070.0 3	746.0 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
SAN MIGUEL RIVER AT URAVAN, CO.

YEAR	1	3	7	14	30	60	90	120	183
1956	21.00 4	30.00 5	32.00 5	34.00 4	35.00 3	45.00 3	50.00 2	56.00 3	59.00 2
1957	14.00 2	14.00 2	15.00 1	16.00 1	17.00 1	19.00 1	35.00 1	39.00 1	51.00 1
1958	80.00 8	88.00 8	93.00 8	99.00 8	105.00 8	122.00 8	131.00 8	151.00 8	169.00 8
1959	47.00 7	47.00 7	51.00 6	56.00 6	81.00 7	85.00 7	91.00 6	91.00 6	94.00 6
1960	21.00 5	21.00 3	25.00 3	33.00 3	45.00 4	76.00 5	77.00 5	80.00 5	84.00 5
1961	22.00 6	25.00 4	32.00 4	44.00 5	49.00 5	55.00 4	66.00 4	74.00 4	73.00 4
1962	15.00 3	32.00 6	61.00 7	68.00 7	78.00 6	85.00 6	99.00 7	110.00 7	136.00 7
1975	12.00 1	13.00 1	15.00 2	18.00 2	22.00 2	33.00 2	52.00 3	56.00 2	60.00 3

DOLORES RIVER BASIN

09177000 SAN MIGUEL RIVER AT URAVAN, 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,SKENNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
117	103	86.7	79.6	108	177	764	1059	966	406	172	101
4005	1449	664	176	2741	13250	212800	403000	370400	167700	24810	8003
63.3	38.1	25.8	13.3	52.4	115	461	635	609	410	158	89.5
0.39	1.39	1.40	0.59	1.65	1.88	1.29	1.53	1.62	1.70	2.50	1.32
0.54	0.37	0.30	0.17	0.48	0.65	0.60	0.60	0.63	1.01	0.92	0.89
2.83	2.50	2.09	1.92	2.62	4.28	18.5	25.6	23.3	9.80	4.15	2.43

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,SKENNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.00	1.99	1.92	1.90	2.00	2.18	2.82	2.96	2.92	2.45	2.13	1.85
0.07	0.02	0.01	0.01	0.03	0.05	0.06	0.06	0.05	0.14	0.09	0.15
0.27	0.15	0.12	0.07	0.18	0.23	0.25	0.25	0.23	0.37	0.30	0.39
-0.61	0.52	0.85	0.31	1.15	0.97	0.25	0.01	0.93	0.77	0.98	0.02
0.14	0.07	0.06	0.04	0.09	0.11	0.09	0.08	0.08	0.15	0.14	0.21
7.38	7.34	7.09	6.99	7.37	8.06	10.4	10.9	10.8	9.03	7.84	6.82

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
345	24640	157	0.88	0.45	-0.041

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
2.50	0.04	0.19	0.15	0.08	-0.199

09177500 TAYLOR CREEK NEAR GATEWAY, COLO.

LOCATION.--Lat 38°31'08", long 109°06'33", in NE¼NE¼ sec.25, T.26 S., R.25 E., Grand County, Utah, on left bank at downstream side of bridge, 0.2 mi (0.3 km) downstream from South Taylor Creek, and 12 mi (19 km) southwest of Gateway.

DRAINAGE AREA.--15.4 mi² (39.9 km²).

REMARKS.--Transbasin diversion above station by Hubbard ditch for irrigation in John Brown Creek basin began in spring of 1956. Since May 1962, water imported from Beaver Creek basin enters Taylor Creek above Hubbard ditch (quantities unknown prior to October 1965). Statistical summaries are shown for two periods, water years 1945-55 and water years 1956-67.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS YEAR	NUMBER OF DAYS IN CLASS																																						
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34				
1945		50	37	57	25	49	6	6	10	7	2	8	6	3	2	13	4	9	35	7	2	4	4	7	6	4	2												
1946	35	57	5	31	1	70	26	17	14	5	39	6	7	7	4	4	2	2	5	7	7	7	7																
1947		1	57	17	11	32	87	21	12	4	3	7	34	4	3	10	6	5	5	9	11	10	10	6															
1948		110	88	9	5	31	1	4	37	2			4	2	2	3	4	8	7	11	2	4	8	3	7	4	3	1	3	1	1	1	1						
1949		14	6	153	47	23	4	5	10	5			2	3	1	1	9	4	6	3	13	8	2	4	15	11	6	6	1		3								
1950		22	15	35	10	14	10	49	91	10	10	5	13	6	4	2	14	10	11	9	7	8	6	3						1									
1951		1	84	31	88	22	8	20	17	8	13	13	18	11	11	13	5	1	1																				
1952			38	66	114	38	11	3	4	3	2	1	2	2	3	1	3	2	16	11	5	8	2	6	4	3	9	4	5										
1953		2	17	62	71	94	2	12	5	6	4	5	8	9	12	22	10	11	6	6	1																		
1954		44	45	10	68	64	32	10	8	1	5	22	3	10	12	8	2	21																					
1955		6	106	70	73	13	3	7	5	2	1	4	2	6	12	5	6	9	7	15	5	2	3	2	1														

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	35	4017	100.0	12	2.3	90	919	22.9	24	33	38	111	2.7
1	0.10	175	3982	99.1	13	2.8	70	829	20.6	25	41	23	73	1.8
2	0.20	489	3807	94.8	14	3.6	67	759	18.9	26	52	15	50	1.2
3	0.30	572	3318	82.6	15	4.4	86	692	17.2	27	65	16	35	.8
4	0.40	494	2746	68.4	16	5.6	51	606	15.1	28	81	8	19	.4
5	0.50	496	2252	56.1	17	6.9	87	555	13.8	29	100	6	11	.2
6	0.60	251	1756	43.7	18	8.7	84	468	11.7	30	130	4	5	.1
7	0.70	120	1505	37.5	19	11.0	85	384	9.6	31	160	1	1	
8	0.90	137	1385	34.5	20	14.0	61	299	7.4	32				
9	1.20	170	1248	31.1	21	17.0	47	238	5.9	33				
10	1.50	82	1078	26.8	22	21.0	50	191	4.8	34				
11	1.80	77	996	24.8	23	26.0	30	141	3.5					

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

DISCHARGE-(CFS)

MEAN
TAYLOR CREEK NEAR GATEWAY, CO.

Table with 14 columns: CLASS, VALUE, TOTAL, ACCUM, PERCT. It is divided into two sections of 11 columns each, showing discharge data for various classes.

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

DISCHARGE-(CFS)

MEAN
TAYLOR CREEK NEAR GATEWAY, CO.

Table with 12 columns: YEAR, 1, 3, 7, 15, 30, 60, 90, 120, 183. It shows the highest mean value and ranking for different durations of consecutive days from 1956 to 1967.

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

DISCHARGE-(CFS)

MEAN
TAYLOR CREEK NEAR GATEWAY, CO.

Table with 12 columns: YEAR, 1, 3, 7, 14, 30, 60, 90, 120, 183. It shows the lowest mean value and ranking for different durations of consecutive days from 1957 to 1967.

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

Table with 12 columns: OCT, NOV, DEC, JAN, FEB, MARCH, APRIL, MAY, JUNE, JULY, AUG, SEPT. It provides statistical data for normal monthly means from 1965 to 1967.

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

Table with 12 columns: OCT, NOV, DEC, JAN, FEB, MARCH, APRIL, MAY, JUNE, JULY, AUG, SEPT. It provides statistical data for log monthly means from 1965 to 1967.

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

Table with 7 columns: MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, SERIAL CORR. It shows annual statistics for normal means.

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

Table with 7 columns: MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, SERIAL CORR. It shows annual statistics for log means.

DOLORES RIVER BASIN

09178000 DEEP CREEK NEAR PARADOX, COLO.

LOCATION.--Lat 38°29'43", long 109°08'51", in SW¼SE¼ sec.34, T.26 S., R.25 E., San Juan County, Utah, on right bank 0.2 mi (0.3 km) downstream from diversion to Buckeye Reservoir and 13 mi (21 km) northwest of Paradox.

DRAINAGE AREA.--4.31 mi² (11.16 km²).

REMARKS.--Most of flow diverted above station to Buckeye Reservoir in West Paradox Creek basin.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
DEEP CREEK NEAR PARADOX, 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		
1945		68	54	53	21	35	9	13	2	35	2	3	3			7	12	47	1																		
1946		96	22	24	5				1	5		1	2	28	95	54	31	1																			
1947		45	55	36	57	58	2	52	1	6	7	8	1	7		2			2	17	8	1															
1948		159	88	12						31								1		6	1	11	48	6	3												
1949		14109	57	52	2	1		1										1	34	7	3	6	2	52	3	4	13	3									
1950			1130	39	11		2	1					5	44	37	79	16																				
1951		104	67	26	11	1	1		1		1	78	75																								
1952		6	43	47	35	2	1	1	1		1	114	31	16	1	5	2	1	3	6		2	1	7	27	9	3										
1953		44104	37	15	1		1							2	91	62	8																				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	20	3287	100.0	12	1.7	117	1056	32.1	24	12	82	117	3.5
1	0.10	669	3267	99.4	13	2.0	97	939	28.6	25	15	12	35	1.0
2	0.20	624	2598	79.0	14	2.3	224	842	25.6	26	17	7	23	.6
3	0.30	314	1974	60.1	15	2.8	209	618	18.8	27	20	13	16	.4
4	0.40	124	1660	50.5	16	3.3	69	409	12.4	28	24	3	3	
5	0.50	97	1536	46.7	17	3.9	50	340	10.3	29				
6	0.60	15	1439	43.8	18	4.6	7	290	8.8	30				
7	0.70	69	1424	43.3	19	5.4	63	283	8.6	31				
8	0.90	6	1355	41.2	20	6.4	16	220	6.7	32				
9	1.00	78	1349	41.0	21	7.5	17	204	6.2	33				
10	1.20	11	1271	38.7	22	8.9	55	187	5.7	34				
11	1.40	204	1260	38.3	23	10.0	15	132	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
DEEP CREEK NEAR PARADOX, CO.

YEAR	1	3	7	15	30	60	90	120	183
1945	4.7 5	4.6 5	4.5 5	4.3 5	4.2 5	3.7 4	2.8 7	2.3 7	1.8 7
1946	4.0 6	3.9 6	3.8 6	3.6 6	3.3 7	3.2 5	3.1 5	2.9 5	2.7 5
1947	7.6 4	6.7 4	6.4 4	6.2 4	5.9 4	3.1 7	2.5 8	2.1 8	1.6 8
1948	12.0 3	12.0 3	11.0 3	9.9 3	9.4 3	8.9 3	7.6 3	5.9 3	3.9 3
1949	25.0 1	24.0 1	23.0 1	22.0 1	19.0 1	16.0 1	14.0 1	12.0 1	8.3 1
1950	3.8 7	3.8 7	3.7 7	3.5 7	3.4 6	3.2 6	3.1 4	2.9 4	2.7 4
1951	1.9 9	1.8 9	1.8 9	1.8 9	1.8 9	1.8 9	1.7 9	1.7 9	1.4 9
1952	17.0 2	17.0 2	16.0 2	15.0 2	14.0 2	12.0 2	8.4 2	6.7 2	4.9 2
1953	3.8 8	3.6 8	3.5 8	3.3 8	3.1 8	2.9 8	2.8 6	2.7 6	2.4 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
DEEP CREEK NEAR PARADOX, CO.

YEAR	1	3	7	14	30	60	90	120	183
1946	0.20 7	0.23 8	0.27 8	0.29 8	0.30 8	0.31 8	0.49 8	0.60 7	1.50 7
1947	0.10 4	0.10 4	0.10 4	0.10 4	0.10 3	0.10 3	0.11 4	0.12 4	0.21 4
1948	0.10 5	0.10 5	0.10 5	0.10 5	0.10 4	0.10 4	0.10 3	0.11 3	0.11 2
1949	0.00 1	0.00 1	0.00 1	0.03 1	0.05 1	0.08 1	0.08 1	0.09 1	0.10 1
1950	0.20 8	0.20 7	0.20 7	0.20 7	0.21 7	0.23 7	0.48 7	1.19 8	1.80 8
1951	0.10 6	0.10 6	0.10 6	0.10 6	0.13 5	0.18 6	0.18 5	0.19 5	0.21 5
1952	0.00 2	0.00 2	0.01 2	0.06 2	0.08 2	0.09 2	0.10 2	0.11 2	0.14 3
1953	0.10 3	0.10 3	0.10 3	0.10 3	0.15 6	0.17 5	0.18 6	0.20 6	0.79 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,SKWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.59	1.23	1.39	1.30	1.26	1.53	3.57	4.19	4.29	1.63	0.32	0.35
1.06	1.49	1.69	1.28	1.01	0.63	6.29	26.8	38.8	12.8	0.18	0.30
1.03	1.22	1.30	1.13	1.01	0.79	2.51	5.18	6.23	3.58	0.42	0.55
2.83	0.89	0.36	0.13	0.03	-0.14	1.48	0.87	1.76	2.85	2.90	2.94
1.74	0.99	0.93	0.87	0.80	0.52	0.70	1.24	1.45	2.26	1.34	1.57
2.73	5.70	6.43	5.99	5.80	7.08	16.5	19.4	19.8	7.53	1.46	1.61

DOLORES RIVER BASIN

09178500 GEYSER CREEK NEAR PARADOX, 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
GEYSER CREEK NEAR PARADOX, COLO.

YEAR	1	3	7	14	30	60	90	120	183
1946	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
1947	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
1948	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
1949	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
1950	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
1951	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	0.32	1.13	1.98	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.70	6.52	27.5	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.83	2.55	5.25	0.00	0.00	0.00
*****	*****	*****	*****	*****	*****	2.65	2.53	2.65	*****	*****	*****
0.00	0.00	0.00	0.00	0.00	0.00	2.65	2.26	2.65	*****	*****	*****
						9.20	32.9	51.9	0.00	0.00	0.00

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)											
*****	*****	*****	*****	*****	*****	0.05	0.12	0.16	*****	*****	*****
*****	*****	*****	*****	*****	*****	0.02	0.10	0.19	*****	*****	*****
*****	*****	*****	*****	*****	*****	0.13	0.31	0.43	*****	*****	*****
*****	*****	*****	*****	*****	*****	2.65	2.64	2.65	*****	*****	*****
*****	*****	*****	*****	*****	*****	2.65	2.57	2.65	*****	*****	*****
*****	*****	*****	*****	*****	*****	14.7	36.6	48.8	*****	*****	*****

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.28	0.51	0.72	2.63	2.51	-0.166

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
-0.11	0.18	0.43	-2.29	-3.88	-0.363

09179000 ROC CREEK NEAR URANIUM, COLO.

LOCATION.--Lat 38°26'07", long 108°55'20", in NW¼NW¼ sec.12, T.48 N., R.19 W., Montrose County, on right bank 0.6 mi (1.0 km) downstream from La Sal National Forest boundary, 1.2 mi (1.9 km) west of Uranium, and 6.0 mi (9.7 km) north of Paradox.

DRAINAGE AREA.--75.8 mi² (196.3 km²).

REMARKS.--Most of flow of Geyser and Deep Creeks in Roc Creek basin is diverted to Buckeye Reservoir in West Paradox Creek basin. Between gage and site 0.2 mi (0.3 km) downstream used prior to July 26, 1946, one small diversion for irrigation of a few acres below station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ROC CREEK NEAR URANIUM, 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		
1945									1	9	20	25	20	94	55	11	14	39	5	32	7	6	4	6	8	5	4										
1946	1		7	16	37	23	2	10	11	8	5	10	10	67	38	49	35	11	9	16																	
1947								2	12	15	61	59	65	36	6	2	11	7	16	26	13	9	10	14	1												
1948				4	3	35	61	38	41	20	7	38	24	7	6	5	4	5	14	8	11	6	9	4	3	3	1	3	1								
1949	15	12	5	4	4	2	9	25	9	33	15	7	33	2	29	25	18	10	12	6	12	4	11	5	9	12	16	8	5	5	1	2					
1950			7	7	3	5	20	9	8	18	12	16	15	10	46	57	31	36	12	10	7	7	6	9	7	5	2										
1951		2		12	9	15	10	26	35	30	21	22	63	40	39	21	11	7	2																		
1952						1	2	16	37	46	18	21	42	61	33	3	4	4	1	2	5	6	6	6	6	12	8	11	4	11	6						

09179000 ROC CREEK NEAR URANIUM, COLO.--Continued

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

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	16	2922	100.0	12	2.6	236	1777	60.8	24	44	39	171	5.8
1	0.10	14	2906	99.5	13	3.3	228	1541	52.7	25	55	38	132	4.5
2	0.20	12	2892	99.0	14	4.2	306	1313	44.9	26	70	33	94	3.2
3	0.30	30	2880	98.6	15	5.3	202	1007	34.5	27	88	22	61	2.0
4	0.40	36	2850	97.5	16	6.7	138	805	27.5	28	110	10	39	1.3
5	0.50	63	2814	96.3	17	8.5	151	667	22.8	29	140	19	29	.9
6	0.60	99	2751	94.1	18	11.0	77	516	17.7	30	180	8	10	.3
7	0.80	137	2652	90.8	19	14.0	76	439	15.0	31	220	2	2	
8	1.00	132	2515	86.1	20	17.0	67	363	12.4	32				
9	1.30	240	2383	81.6	21	22.0	40	296	10.1	33				
10	1.70	201	2143	73.3	22	27.0	52	256	8.8	34				
11	2.10	165	1942	66.5	23	35.0	33	204	7.0					

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

YEAR	1	3	7	15	30	60	90	120	183
1945	84.0 4	80.0 4	72.0 4	60.0 4	48.0 4	32.0 4	25.0 4	21.0 4	16.0 4
1946	21.0 7	20.0 7	19.0 7	17.0 7	15.0 7	13.0 7	11.0 7	9.9 7	8.4 7
1947	40.0 6	33.0 6	31.0 6	27.0 6	25.0 6	20.0 6	17.0 6	14.0 6	10.0 6
1948	204.0 2	165.0 3	139.0 3	103.0 3	72.0 3	49.0 3	36.0 3	28.0 3	19.0 3
1949	234.0 1	224.0 1	185.0 1	146.0 1	112.0 2	86.0 2	68.0 2	54.0 2	38.0 2
1950	73.0 5	70.0 5	56.0 5	51.0 5	45.0 5	31.0 5	24.0 5	20.0 5	15.0 5
1951	12.0 8	11.0 8	9.2 8	7.6 8	6.7 8	5.8 8	5.5 8	5.1 8	4.3 8
1952	192.0 3	189.0 2	176.0 2	165.0 1	143.0 1	104.0 1	76.0 1	58.0 1	40.0 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
ROC CREEK NEAR URANIUM, CO.

YEAR	1	3	7	14	30	60	90	120	183
1946	1.19 7	1.30 7	1.60 7	1.90 7	2.00 7	3.20 7	3.90 7	4.50 7	4.80 7
1947	0.00 1	0.23 3	0.31 4	0.36 2	0.42 2	0.72 3	0.95 3	0.96 2	1.19 2
1948	0.60 5	0.60 5	0.66 5	0.68 5	0.71 5	0.76 5	0.96 4	1.19 5	1.40 3
1949	0.00 2	0.00 1	0.00 1	0.04 1	0.08 1	0.35 1	0.59 1	0.71 1	0.87 1
1950	1.19 6	1.30 6	1.40 6	1.50 6	1.60 6	1.70 6	2.40 6	3.10 6	4.10 6
1951	0.10 3	0.17 2	0.23 2	0.44 4	0.47 3	0.63 2	0.97 5	0.99 3	1.50 4
1952	0.30 4	0.30 4	0.31 3	0.39 3	0.51 4	0.73 4	0.86 2	1.10 4	1.60 5

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANOARD DEVIATION,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.48	3.05	2.96	3.81	4.74	7.05	40.3	37.7	16.4	3.50	2.11	1.37
2.95	3.87	3.93	3.50	2.92	7.26	87.4	115.9	322	17.7	2.70	0.48
1.72	1.97	1.98	1.87	1.71	2.70	29.6	34.0	17.9	4.21	1.64	0.70
2.16	0.44	-0.17	0.03	0.89	0.78	0.39	0.96	1.27	2.45	1.50	1.48
0.69	0.64	0.67	0.49	0.36	0.38	0.73	0.90	1.09	1.20	0.78	0.51
1.98	2.43	2.35	3.04	3.78	5.62	32.1	30.0	13.1	2.79	1.68	1.09

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANOARD DEVIATION,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.33	0.39	0.26	0.52	0.65	0.82	1.47	1.39	0.95	0.35	0.22	0.09
0.06	0.11	0.37	0.08	0.02	0.03	0.16	0.22	0.31	0.18	0.10	0.05
0.24	0.33	0.61	0.29	0.16	0.16	0.41	0.47	0.56	0.43	0.32	0.22
1.04	-0.51	-1.83	-1.49	-0.14	0.44	-0.57	-0.23	-0.27	0.49	0.22	-0.27
0.74	0.84	2.32	0.55	0.24	0.19	0.28	0.34	0.59	1.24	1.47	2.36
4.41	5.24	3.54	6.95	8.77	11.1	19.8	18.7	12.8	4.65	2.95	1.24

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
10.4	43.5	6.60	0.87	0.63	-0.243

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
0.94	0.08	0.29	-0.23	0.31	-0.308

DOLORES RIVER BASIN

09179500 DOLORES RIVER AT GATEWAY, COLO.

LOCATION.--Lat 38°40'53", long 108°58'47", in SW¼SW¼ sec.15, T.51 N., R.19 W., Mesa County, on right bank 370 ft (110 m) downstream from bridge on State Highway 141, 0.4 mi (0.6 km) west of Gateway, 0.4 mi (0.6 km) downstream from West Creek, and 8 mi (13 km) upstream from Colorado-Utah State line.

DRAINAGE AREA.--4,347 mi² (11,259 km²).

REMARKS.--Diversions for irrigation of about 35,000 acres (140 km²) above station and about 37,000 acres (150 km²) in Montezuma Valley in the San Juan River basin.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND MEAN DOLORES RIVER AT GATEWAY, CO.

Table with columns: CLASS YEAR, 0-34 (representing days of month), and NUMBER OF DAYS IN CLASS. Rows list years from 1938 to 1954.

Summary table with columns: CLASS, VALUE, TOTAL, ACCUM, PERCT. Rows show cumulative values for each class from 0 to 23.

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

Table with columns: YEAR, 1, 3, 7, 15, 30, 60, 90, 120, 183. Rows list years from 1938 to 1954.

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

Table with columns: YEAR, 1, 3, 7, 14, 30, 60, 90, 120, 183. Rows list years from 1938 to 1954.

09179500 DOLORS RIVER AT GATEWAY, 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
 DOLORS RIVER AT GATEWAY, CO.

YEAR	1	3	7	14	30	60	90	120	183
1951	23.00 1	25.00 1	30.00 1	34.00 1	37.00 1	69.00 1	74.00 1	78.00 1	89.00 1
1952	44.00 3	45.00 3	47.00 3	48.00 3	54.00 3	71.00 2	79.00 2	86.00 2	114.00 2
1953	95.00 12	97.00 10	111.00 13	117.00 13	120.00 10	127.00 9	140.00 8	150.00 8	157.00 5
1954	34.00 2	37.00 2	38.00 2	39.00 2	45.00 2	77.00 3	139.00 7	142.00 6	159.00 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)											
389	215	183	189	243	378	2727	3536	2185	607	296	224
549400	46480	10530	4660	8444	54210	4673000	7202000	2011000	188000	25190	29600
741	216	103	68.3	91.9	233	2162	2684	1418	434	159	172
3.85	3.73	3.13	2.57	0.95	1.19	1.38	0.98	0.46	0.86	0.49	1.09
1.90	1.00	0.56	0.36	0.38	0.62	0.79	0.76	0.65	0.71	0.54	0.77
3.49	1.93	1.64	1.69	2.17	3.38	24.4	31.7	19.6	5.43	2.65	2.01

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)											
2.32	2.24	2.22	2.26	2.36	2.51	3.28	3.42	3.23	2.67	2.40	2.24
0.15	0.06	0.03	0.02	0.02	0.06	0.20	0.14	0.11	0.11	0.07	0.10
0.39	0.24	0.17	0.13	0.15	0.25	0.45	0.37	0.34	0.34	0.27	0.32
1.90	2.15	1.57	1.30	0.50	0.36	-1.26	-0.20	-0.57	-0.11	-0.60	0.35
0.17	0.11	0.08	0.06	0.07	0.10	0.14	0.11	0.10	0.13	-0.11	0.14
7.46	7.20	7.14	7.24	7.57	8.05	10.5	11.0	10.4	8.57	7.71	7.18

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
932	315300	562	0.76	0.60	0.136

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.89	0.08	0.29	-0.30	0.10	0.103

GREEN RIVER BASIN

09235800 POT CREEK NEAR VERNAL, UTAH

LOCATION.--Lat 40°40'25", long 109°03'03", in SW¼NE¼SE¼ sec.1, T.2 S., R.25 E., Daggett County, on left bank 0.2 mi (0.3 km) upstream from Utah-Colorado State line, 7 mi (11 km) upstream from mouth, and 29 mi (47 km) northeast of Vernal.

DRAINAGE AREA.--106 mi² (275 km²).

REMARKS.--Flow regulated by Matt Warner and Crouse Reservoir, 14 mi (23 km) and 7 mi (11 km) upstream, respectively, combined capacity, about 4,000 acre-ft (4.93 hm³). Several diversions for irrigation above station, and one diversion to Crouse Creek, which diverts water to Crouse Creek basin.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN

POT CREEK NEAR VERNAL, UTAH

CLASS YEAR	NUMBER OF DAYS IN CLASS																																				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34		
1958	304							13	9	7	4	2	6	1	5	2	5	2	1	1	1		1			1											
1959	353							5	1	2	1		2	1																							
1960	349							4	3	1	1		1	1		1		1	3	1																	
1961	325							16	9	4	1		2	1			1		2	2		2															
1962	248							3	12		2		5	2	3	1	7	7	5	8	2	4	3	5	3	12	9	3	3	4	6	7	1				
1963	347							6	4	3		1	2	2																							
1964	334							8	12	1		1	3						2	1		4															
1965	250							5	5	12	4	7	13	14	5	11	6	10	5	10	3	4		1													
1966	178							8	1	5	9	8	18	16	15	29	11	16	10	9	5	2	3	4	12	2	2	2									
1967	231							20	17	12	21	2	17	4	3	14	4	5	3	2	1	3	6														
1968	193	2	3		1	7	3	14	8	2	2	4	15	5	5	19	3	1	5	6	16	18	5	7	5	15	2										
1969	240	6	8	1		1	2	5	3	5	14	9	8	1	11	4	7	3	4	2	2	7	7	5	1	2	2	3	1	1							
1970	215	5	7	1	2	6	2	18	17	8	6	3	6	2	1	1	1	15	23	11	5	6	2	1													
1971	171	6	10	3	8	9	7	36	19	11	4	3	8	7	5	4	3	9	8	16	10	4	3														
1972	134	21	15	4	5	16	14	32	20	7	10	9	7	7	2	12	10	5	2	1	4	12	5	1	3	1											
1973	120	43	21	7	5	16	5	13	6	4	3	3	12	6	6	4	12	18	9	7	2	4	1	1	1	7	6	8	13	2							
1974	156	43	12	8	8	10	11	33	20	9	8	4	8	5	4	3			2	1	4	2	5	3	1												
1975	158	22	15	3	1	6	3	9	16	7	5	7	9	6	9	2	6	7	9	8	13	11	11	2	12	4	4										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	4306	6574	100.0	12	0.6	139	1161	17.7	24	23	46	161	2.4
1	0.01	148	2268	34.5	13	0.9	82	1022	15.5	25	31	63	115	1.7
2	0.02	91	2120	32.2	14	1.2	78	940	14.3	26	42	21	72	1.0
3	0.03	27	2029	30.9	15	1.6	104	862	13.1	27	56	16	51	.7
4	0.04	30	2002	30.5	16	2.1	81	758	11.5	28	76	18	35	.5
5	0.05	71	1972	30.0	17	2.9	102	677	10.3	29	100	9	17	.2
6	0.08	47	1901	28.9	18	3.8	99	575	8.7	30	140	7	8	.1
7	0.10	248	1854	28.2	19	5.2	81	476	7.2	31	190	1	1	
8	0.20	182	1606	24.4	20	7.0	67	395	6.0	32				
9	0.30	100	1424	21.7	21	9.4	74	328	5.0	33				
10	0.40	95	1324	20.1	22	13.0	61	254	3.9	34				
11	0.50	68	1229	18.7	23	17.0	32	193	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

POT CREEK NEAR VERNAL, UTAH

YEAR	1	3	7	15	30	60	90	120	183
1958	23.0 11	15.0 10	8.2 13	4.1 13	2.1 13	1.3 13	1.0 13	0.8 13	0.6 13
1959	1.0 18	0.5 18	0.4 18	0.3 18	0.1 18	0.1 18	0.0 18	0.0 18	0.0 18
1960	5.3 16	3.3 16	1.4 16	1.1 16	0.6 16	0.3 16	0.2 16	0.2 16	0.2 16
1961	12.0 14	9.8 14	5.3 15	2.5 15	1.3 15	0.6 15	0.4 15	0.3 15	0.3 15
1962	198.0 1	181.0 1	157.0 1	133.0 1	96.0 1	61.0 1	41.0 1	31.0 1	20.0 1
1963	1.0 17	0.8 17	0.5 17	0.3 17	0.2 17	0.1 17	0.1 17	0.1 17	0.0 17
1964	11.0 15	11.0 13	7.5 14	3.5 14	1.8 14	1.0 14	0.7 14	0.5 14	0.3 14
1965	19.0 12	9.5 15	8.6 12	7.0 12	5.5 10	3.2 10	2.7 10	2.2 10	1.5 10
1966	65.0 4	58.0 4	42.0 4	35.0 4	26.0 5	15.0 5	10.0 6	8.3 5	5.7 5
1967	13.0 13	13.0 12	13.0 9	8.5 10	4.3 12	2.2 12	1.5 12	1.2 12	1.1 11
1968	45.0 7	42.0 5	35.0 5	33.0 5	29.0 3	18.0 3	12.0 3	9.9 3	7.6 3
1969	110.0 3	84.0 3	68.0 3	43.0 3	28.0 4	15.0 4	11.0 4	7.9 6	5.2 6
1970	43.0 8	23.0 8	13.0 10	9.3 9	7.1 8	3.7 8	3.3 8	3.3 7	2.4 8
1971	31.0 9	15.0 11	10.0 11	8.3 11	6.2 9	3.3 9	2.9 9	2.7 9	2.2 9
1972	50.0 6	42.0 6	27.0 7	18.0 7	9.8 7	5.1 7	4.3 7	3.3 8	3.2 7
1973	113.0 2	104.0 2	94.0 2	86.0 2	72.0 2	43.0 2	30.0 2	23.0 2	15.0 2
1974	24.0 10	22.0 9	17.0 8	9.8 8	5.3 11	2.7 11	1.8 11	1.4 11	0.9 12
1975	52.0 5	39.0 7	33.0 6	21.0 6	16.0 6	12.0 6	11.0 5	9.5 4	6.7 4

09235800 POT CREEK NEAR VERNAL, UTAH--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
POT CREEK NEAR VERNAL, UTAH

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	0.00 3	0.01 9
1962	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.02 13	0.03 10
1963	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 4	0.00 3
1964	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 5	0.00 4
1965	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 5
1966	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.03 14	0.07 14
1967	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.04 16	0.06 16	0.24 15
1968	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 9	0.00 7	0.00 6
1969	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 8	0.05 12
1970	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 11	0.00 9	0.00 7
1971	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 12	0.01 11	0.07 13
1972	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.02 17	0.09 17	1.60 17	1.60 17
1973	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 14	0.00 13	0.00 10	0.01 8
1974	0.00 16	0.00 16	0.00 16	0.00 16	0.00 16	0.00 15	0.01 15	0.03 15	0.92 16
1975	0.00 17	0.00 17	0.00 17	0.00 17	0.00 17	0.00 16	0.00 14	0.02 12	0.03 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)											
0.69	0.05	0.16	0.01	0.61	2.53	8.56	7.15	3.04	0.89	0.83	0.44
3.29	0.01	0.40	0.00	4.38	23.4	52.3	28.0	27.0	1.77	2.02	1.42
1.81	0.09	0.63	0.03	2.09	4.84	22.9	16.7	5.20	1.33	1.42	1.19
2.73	1.86	4.22	2.69	4.08	2.93	3.71	3.49	1.72	2.49	1.76	3.50
2.62	1.72	3.90	2.74	3.43	1.91	2.67	2.34	1.71	1.50	1.71	2.73
2.77	0.21	0.65	0.05	2.44	10.1	34.3	28.7	12.2	3.55	3.33	1.75

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)											
-0.53	-0.62	-0.58	-0.37	-0.27	-0.23	0.03	0.04	-0.15	-0.13	-0.04	-0.52
0.73	0.54	0.94	0.60	0.49	0.69	0.88	1.04	0.99	0.51	0.20	0.76
0.86	0.74	0.97	0.77	0.70	0.83	0.94	1.02	0.99	0.72	0.44	0.87
-0.36	-0.77	-1.05	-2.08	-1.22	-0.03	0.19	-0.32	-0.80	-2.61	-1.40	-1.00
-1.61	-1.19	-1.66	-2.11	-2.60	-3.62	34.9	28.3	-6.84	-5.37	-11.6	-1.68
15.7	18.4	17.3	10.8	8.02	6.79	-0.80	-1.07	4.30	3.96	1.14	15.4

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.08	7.79	2.79	1.99	1.34	-0.218

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
-0.18	0.72	0.85	-0.76	-4.76	0.215

GREEN RIVER BASIN

09236000 BEAR RIVER NEAR TOPONAS, COLO.

LOCATION.--Lat 40°02'38", long 107°04'18", in NW¼NW¼ sec.20, T.1 N., R.86 W., Garfield County, on right bank just downstream from Yampa Reservoir Dam at Stillwater campground, 0.6 mi (1.9 km) downstream from Mandall Creek, 0.8 mi (1.3 km) upstream from Dome Creek, and 14 mi (23 km) west of Toponas.

DRAINAGE AREA.--23 mi² (60 km²), approximately.

REMARKS.--Flow regulated since September 1940 by Stillwater Reservoir (capacity, 6,200 acre-ft or 7.64 hm³) 3.5 mi (5.6 km) upstream. Slight natural regulation since Dec. 10, 1966, by Yampa Reservoir (capacity, 620 acre-ft or 764,000 m³) a recreation lake. Complete regulation by Yampa Reservoir during initial filling which ended Dec. 9, 1966.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE-(CFS)
MEAN
BEAR RIVER NEAR TOPONAS, CO.

Table with columns: CLASS YEAR, 0-34, and rows for years 1953-1975. Includes sub-header 'NUMBER OF DAYS IN CLASS'.

Table with columns: CLASS, VALUE, TOTAL, ACCUM, PERCT, CLASS, VALUE, TOTAL, ACCUM, PERCT, CLASS, VALUE, TOTAL, ACCUM, PERCT. Rows for classes 0-11.

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

DISCHARGE-(CFS)
MEAN
BEAR RIVER NEAR TOPONAS, CO.

Table with columns: YEAR, 1, 3, 7, 15, 30, 60, 90, 120, 183 and rows for years 1953-1975.

09236000 BEAR RIVER NEAR TOPONAS, 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 RIVER NEAR TOPONAS, CO.

YEAR	1	3	7	14	30	60	90	120	183
1954	13.00 14	14.00 16	15.00 17	15.00 17	15.00 16	16.00 18	16.00 14	16.00 15	20.00 17
1955	8.00 1	8.00 1	8.00 1	8.00 1	8.00 1	8.00 1	8.30 1	8.80 1	11.00 1
1956	12.00 11	12.00 9	12.00 8	12.00 6	12.00 4	14.00 9	14.00 7	15.00 10	16.00 6
1957	13.00 15	13.00 12	13.00 12	13.00 12	13.00 5	14.00 10	14.00 8	14.00 4	17.00 7
1958	15.00 20	15.00 17	15.00 18	15.00 18	15.00 17	20.00 20	22.00 20	24.00 20	30.00 20
1959	13.00 16	13.00 13	13.00 13	13.00 13	13.00 6	13.00 5	13.00 4	14.00 5	15.00 4
1960	12.00 12	13.00 14	13.00 14	13.00 14	13.00 7	14.00 6	14.00 5	15.00 6	17.00 8
1961	11.00 5	12.00 10	12.00 9	12.00 7	13.00 8	14.00 7	15.00 9	15.00 7	16.00 5
1962	11.00 6	12.00 11	12.00 10	12.00 8	14.00 12	15.00 11	15.00 10	16.00 11	18.00 12
1963	13.00 13	14.00 15	14.00 15	14.00 15	14.00 13	15.00 12	15.00 11	16.00 12	19.00 14
1964	11.00 7	11.00 5	11.00 4	11.00 4	11.00 3	11.00 3	12.00 3	12.00 3	14.00 2
1965	12.00 8	12.00 6	12.00 5	12.00 5	13.00 9	15.00 13	15.00 12	16.00 13	17.00 9
1968	12.00 9	12.00 7	12.00 6	13.00 9	14.00 14	16.00 14	16.00 15	16.00 14	19.00 15
1969	14.00 17	15.00 18	15.00 16	15.00 16	15.00 18	16.00 15	16.00 16	17.00 16	19.00 16
1970	8.30 3	8.60 3	8.90 2	10.00 3	14.00 15	16.00 16	17.00 17	19.00 17	18.00 13
1971	15.00 18	16.00 19	16.00 19	16.00 19	17.00 20	18.00 19	18.00 19	19.00 19	21.00 18
1972	15.00 19	16.00 20	16.00 20	16.00 20	16.00 19	16.00 17	17.00 18	18.00 18	21.00 19
1973	12.00 10	12.00 8	12.00 7	13.00 10	13.00 10	13.00 4	14.00 6	15.00 8	17.00 10
1974	8.00 2	8.30 2	9.00 3	9.40 2	9.50 2	9.80 2	10.00 2	11.00 2	14.00 3
1975	11.00 4	11.00 4	13.00 11	13.00 11	14.00 11	14.00 8	15.00 13	15.00 9	17.00 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)											
25.30	19.20	17.10	15.60	14.90	14.70	19.00	53.40	124.00	112.00	42.20	33.80	
62.00	17.10	15.00	14.50	10.50	6.17	25.10	138.00	610.00	1446.00	222.00	130.00	
7.88	4.13	3.87	3.81	3.24	2.48	5.01	11.70	24.70	38.00	14.90	11.40	
1.93	1.31	1.22	1.43	0.58	-0.72	1.61	0.15	-0.07	2.04	1.47	0.53	
0.31	0.21	0.23	0.24	0.22	0.17	0.26	0.22	0.20	0.34	0.35	0.34	
5.15	3.91	3.48	3.18	3.04	2.99	3.87	10.90	25.20	22.80	8.59	6.89	

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)											
1.39	1.27	1.22	1.18	1.16	1.16	1.27	1.72	2.08	2.03	1.60	1.51	
0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02
0.12	0.09	0.09	0.10	0.10	0.08	0.10	0.10	0.09	0.14	0.15	0.15	
0.82	0.34	0.08	0.04	-0.67	-1.52	0.60	-0.30	-0.43	-0.09	0.02	0.05	
0.09	0.07	0.08	0.09	0.08	0.07	0.08	0.06	0.04	0.07	0.09	0.10	
7.88	7.25	6.95	6.72	6.61	6.59	7.20	9.76	11.80	11.50	9.10	8.56	

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
41.0	39.5	6.28	0.31	0.15	0.129

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.61	0.00	0.07	-0.10	0.04	0.103

09236500 BEAR RIVER NEAR YAMPA, COLO.

LOCATION.--Lat 40°04'15", long 106°59'50", in SW¼NW¼ sec.12, T.1 N., R.86 W., Routt County, 0.6 mi (1.0 km) downstream from Gardner Creek and 7 mi (11 km) southwest of Yampa.

DRAINAGE AREA.--39.9 mi² (103 km²).

REMARKS.--Two diversions for irrigation above station. Flow regulated by Stillwater Reservoir (capacity, 6,090 acre-ft or 7.51 hm³).

GREEN RIVER BASIN

09236500 BEAR RIVER NEAR YAMPA, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BEAR RIVER NEAR YAMPA, CO.

CLASS YEAR	NUMBER OF DAYS IN CLASS																																		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1940	65	36	28	20	36	27	23	15	22	6	4	7	5	5	3	1	1	3	2	4	4		3	2	4	2	8	12	4	5	4	5			
1941	23	49	127	6	5	3		13	4	22	10	4	3	3	4	2	2	4	4	4	4	3	3	7	13	2	9	8	9	5	8	5	2	1	
1942		21	18	29	17	28	16	81	38	10	13	3	8	3	2	2	2	4	2	4	1	3	4	2	3	19	7	7	8	4	3	1	2		
1943	31	28		22	31	11	11	30	35	26	10	5	12	6	12	5	4	3	3	11	6	4	14	5	4	1	3	15	13	3	1				
1944	4	15	73	14	30	20	26	5	37	14	12	17	5	3	2		5	4				3	5	12	5	11	5	10	13	7	5	3	1		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1827	100.0	12	35.0	52	550	30.1	24	84	23	280	15.3
1	16.00	123	1827	100.0	13	38.0	29	498	27.3	25	90	34	257	14.0
2	17.00	128	1704	93.3	14	41.0	25	469	25.7	26	97	13	223	12.2
3	18.00	249	1576	86.3	15	44.0	23	444	24.3	27	100	49	210	11.4
4	20.00	80	1327	72.6	16	47.0	12	421	23.0	28	110	55	161	8.8
5	21.00	131	1247	68.3	17	51.0	14	409	22.4	29	120	40	106	5.8
6	23.00	78	1116	61.1	18	55.0	12	395	21.6	30	130	26	66	3.6
7	25.00	88	1038	56.8	19	59.0	13	383	21.0	31	140	20	40	2.1
8	27.00	66	950	52.0	20	63.0	21	370	20.3	32	150	14	20	1.0
9	28.00	188	884	48.4	21	68.0	21	349	19.1	33	160	3	6	.3
10	31.00	88	696	38.1	22	73.0	13	328	18.0	34	170	3	3	.1
11	33.00	58	608	33.3	23	78.0	35	315	17.2					

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BEAR RIVER NEAR YAMPA, CO.

YEAR	1	3	7	15	30	60	90	120	183
1940	157.0 3	156.0 3	152.0 1	139.0 3	128.0 3	107.0 4	85.0 5	70.0 5	54.0 5
1941	173.0 2	163.0 2	149.0 3	142.0 2	130.0 2	120.0 2	105.0 1	88.0 1	67.0 1
1942	175.0 1	166.0 1	151.0 2	146.0 1	134.0 1	119.0 2	98.0 2	81.0 2	63.0 2
1943	148.0 5	131.0 5	126.0 5	143.0 5	122.0 4	105.0 5	89.0 4	80.0 4	63.0 3
1944	152.0 4	148.0 4	142.0 4	132.0 4	122.0 5	108.0 3	96.0 3	81.0 3	61.0 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
BEAR RIVER NEAR YAMPA, CO.

YEAR	1	3	7	14	30	60	90	120	183
1941	16.00 1	16.00 1	16.00 1	16.00 1	16.00 1	17.00 1	17.00 1	18.00 1	18.00 1
1942	16.00 2	17.00 4	17.00 4	17.00 3	17.00 3	20.00 4	22.00 4	24.00 4	26.00 4
1943	16.00 3	16.00 2	16.00 2	16.00 2	16.00 2	17.00 2	18.00 2	19.00 2	22.00 2
1944	17.00 4	17.00 3	17.00 3	18.00 4	18.00 4	18.00 3	19.00 3	20.00 3	23.00 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)											
27.1	25.4	21.8	19.1	17.9	18.8	24.3	77.3	121	78.8	38.2	29.1
27.0	35.6	14.2	20.3	2.52	3.27	56.6	437	51.2	452	73.9	14.9
5.19	5.97	3.77	4.51	1.59	1.81	7.53	20.9	7.16	21.3	8.60	3.87
-0.89	0.38	0.63	1.38	0.36	0.51	0.96	0.58	1.13	-2.01	-0.35	-1.53
0.19	0.24	0.17	0.24	0.09	0.10	0.31	0.27	0.06	0.27	0.22	0.13
5.44	5.09	4.38	3.82	3.60	3.77	4.87	15.5	24.2	15.8	7.66	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)											
1.43	1.39	1.33	1.27	1.25	1.27	1.37	1.88	2.08	1.88	1.57	1.46
0.01	0.01	0.01	0.01	0.00	0.00	0.02	0.01	0.00	0.02	0.01	0.00
0.09	0.10	0.07	0.10	0.04	0.04	0.13	0.11	0.03	0.15	0.10	0.06
-1.20	-0.11	0.39	1.22	0.21	0.44	0.59	0.51	1.12	-2.12	-0.70	-1.67
0.06	0.07	0.06	0.08	0.03	0.03	0.09	0.06	0.01	0.08	0.07	0.04
7.84	7.67	7.33	6.99	6.89	7.00	7.53	10.3	11.4	10.3	8.65	8.03

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
41.6	9.10	3.02	-1.61	0.07	0.197

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.62	0.00	0.03	-1.63	0.02	0.208

09237500 YAMPA RIVER NEAR OAK CREEK, COLO.

LOCATION.--Lat 40°17'08", long 106°49'59", in SW¼SE¼ sec.29, T.4 N., R.84 W., Routt County, on left bank just upstream from Upper Yampa Dam site, 1.1 mi (1.8 km) upstream from Morrison Creek, and 7 mi (11 km) east of town of Oak Creek.

DRAINAGE AREA.--227 mi² (588 km²).

REMARKS.--Diversions for irrigation of about 12,000 acres (48.6 km²) above station. Natural flow of stream affected by two diversions for irrigation to Egeria Creek in Colorado River basin and by storage in Stillwater and Yampa Reservoirs (total capacity, 6,820 acre-ft or 8.41 hm³).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
YAMPA RIVER NEAR OAK CREEK, CO.

CLASS YEAR	NUMBER OF DAYS IN CLASS																																						
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34				
1940		1	5	4	3	1	8	22	22	21	70	104	19	19	8	16	8	19	8	5	2	1																	
1941						1		6	80	87	48	17	9	17	15	18	12	10	16	7	2	8	3	2	2	1	2	1	1										
1942					5	4	11	17	41	52	80	28	38	16	8	4	2	8	18	16	2	7	2			3	3												
1943						2	69	47	58	23	17	19	28	18	30	18	6	12	8	7	3																		
1944					5	36	24	29	45	28	31	36	41	28	18	13	10	9	8	3	2																		
1957								45	63	25	25	16	16	3	5	5	9	8	20	15	14	9	22	16	15	11	11	5	1	1									
1958									7	9	35	44	81	47	40	27	7	8	3	4	7	3	12	6	8	7	7	3											
1959									6	6	5	66	102	38	27	13	17	5	13	13	18	16	13	6	1														
1960								1	11	72	62	24	21	30	26	24	18	20	13	14	7	7	3	3	2	2	1	3	1	1									
1961							3	11	35	52	61	38	55	30	19	20	18	6	6	5	2	2	2																
1962								1	13	30	61	46	25	7	20	13	28	14	14	14	26	11	5	4	2	4	2	6	9	3				5	2				
1963		3			1	1	5	7	7	14	19	55	55	86	41	29	21	7	4	1	1	1																	
1964						1	3	6	9	34	62	74	28	20	15	28	23	23	9	10	4	10	6	1															
1965								1	19	77	73	16	9	2	11	21	16	32	21	20	16	15	7	6	2	1													
1966					1	13	33	48	40	45	51	42	19	26	16	11	3	7	6	1	3																		
1967							1	5	21	64	54	41	31	24	39	24	23	15	16	2	5																		
1968									2	6	6	27	128	49	20	27	19	8	15	9	8	6	7	12	4	7	6												
1969										1	4	30	107	63	41	27	25	9	11	12	15	8	4	6	1	1													
1970										4	19	75	36	39	31	25	31	13	11	6	7	13	6	7	10	7	6	7	9	1	2								
1971											1	3	14	54	48	61	38	34	9	4	5	18	30	11	14	7	3	6	4	1									
1972										2		3	29	40	66	76	28	27	23	36	21	10	2	1	1	1													

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	7671	100.0	12	41.0	831	6194	80.7	24	220	99	449	5.8
1	8.80	3	7671	100.0	13	47.0	864	5363	69.9	25	250	84	350	4.5
2	10.00	1	7668	100.0	14	54.0	942	4499	58.6	26	290	65	266	3.4
3	12.00	5	7667	99.9	15	62.0	685	3557	46.4	27	330	53	201	2.6
4	14.00	5	7662	99.9	16	72.0	582	2872	37.4	28	380	51	148	1.9
5	16.00	4	7657	99.8	17	82.0	434	2290	29.9	29	440	38	97	1.2
6	18.00	13	7653	99.8	18	94.0	403	1856	24.2	30	500	37	59	.7
7	20.00	60	7640	99.6	19	110.0	199	1453	18.9	31	570	10	22	.2
8	24.00	82	7580	98.8	20	120.0	262	1254	16.3	32	660	4	12	.1
9	27.00	203	7498	97.7	21	140.0	181	992	12.9	33	760	6	8	.1
10	31.00	432	7295	95.1	22	160.0	207	811	10.6	34	870	2	2	
11	36.00	669	6863	89.5	23	190.0	155	604	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
YAMPA RIVER NEAR OAK CREEK, CO.

YEAR	1	3	7	15	30	60	90	120	183
1940	165.0 21	148.0 20	130.0 20	113.0 19	102.0 20	93.0 20	85.0 19	76.0 19	64.0 19
1941	515.0 6	463.0 7	330.0 9	307.0 8	227.0 9	177.0 11	142.0 12	127.0 13	99.0 13
1942	417.0 9	414.0 8	365.0 8	292.0 9	228.0 8	192.0 9	152.0 10	128.0 11	100.0 12
1943	204.0 17	197.0 17	183.0 15	154.0 15	144.0 14	114.0 15	108.0 15	97.0 15	84.0 16
1944	167.0 19	164.0 19	150.0 18	134.0 18	116.0 17	99.0 18	88.0 18	80.0 17	69.0 18
1957	786.0 2	599.0 3	543.0 2	510.0 2	454.0 2	433.0 1	397.0 1	353.0 1	278.0 1
1958	544.0 5	514.0 5	505.0 5	454.0 4	412.0 4	317.0 4	241.0 5	198.0 5	156.0 5
1959	290.0 13	275.0 13	254.0 12	222.0 12	220.0 10	184.0 10	167.0 9	148.0 9	124.0 9
1960	668.0 4	604.0 2	532.0 3	375.0 5	292.0 7	234.0 7	194.0 7	166.0 8	131.0 8
1961	240.0 15	206.0 15	157.0 17	110.0 20	107.0 19	102.0 17	89.0 17	78.0 18	74.0 17
1962	1020.0 1	896.0 1	845.0 1	679.0 1	566.0 1	384.0 2	318.0 2	265.0 2	198.0 2
1963	167.0 20	132.0 21	110.0 21	96.0 21	86.0 21	74.0 21	66.0 21	62.0 21	63.0 20
1964	245.0 14	212.0 14	190.0 14	169.0 14	138.0 15	128.0 14	116.0 14	108.0 14	89.0 14
1965	475.0 8	366.0 10	270.0 10	240.0 10	198.0 11	196.0 8	185.0 8	185.0 6	155.0 6
1966	218.0 16	204.0 16	176.0 16	151.0 16	124.0 16	93.0 19	76.0 20	67.0 20	63.0 21
1967	176.0 18	166.0 18	149.0 19	136.0 17	112.0 18	105.0 16	97.0 16	91.0 16	84.0 15
1968	412.0 10	398.0 9	395.0 7	336.0 7	297.0 6	246.0 6	197.0 6	175.0 7	141.0 7
1969	400.0 11	333.0 11	260.0 11	229.0 11	183.0 12	140.0 12	144.0 11	128.0 10	113.0 10
1970	673.0 3	568.0 4	528.0 4	467.0 3	442.0 3	365.0 3	296.0 3	251.0 3	193.0 3
1971	514.0 7	489.0 6	453.0 6	370.0 6	311.0 5	270.0 5	256.0 4	223.0 4	174.0 4
1972	388.0 12	311.0 12	240.0 13	189.0 13	151.0 13	139.0 13	142.0 13	127.0 12	112.0 11

09237500 YAMPA RIVER NEAR OAK 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
YAMPA RIVER NEAR OAK CREEK, CO.

YEAR	1	3	7	14	30	60	90	120	183
1941	10.00 2	12.00 2	13.00 1	14.00 1	21.00 1	25.00 1	27.00 1	30.00 1	33.00 1
1942	19.00 3	28.00 7	32.00 8	33.00 7	37.00 8	42.00 8	44.00 8	45.00 7	49.00 8
1943	23.00 6	23.00 4	24.00 4	27.00 5	29.00 5	29.00 3	31.00 3	32.00 2	34.00 2
1944	20.00 4	20.00 3	20.00 3	21.00 3	22.00 2	25.00 2	28.00 2	34.00 3	34.00 3
1958	50.00 19	50.00 19	50.00 19	50.00 19	50.00 16	53.00 16	57.00 17	60.00 18	72.00 19
1959	36.00 16	37.00 15	39.00 15	41.00 15	48.00 15	50.00 14	53.00 14	55.00 14	55.00 9
1960	33.00 14	33.00 12	34.00 11	36.00 11	43.00 12	45.00 11	46.00 11	47.00 11	63.00 16
1961	24.00 7	26.00 6	28.00 6	30.00 6	32.00 6	34.00 5	35.00 4	38.00 5	43.00 6
1962	32.00 11	35.00 13	37.00 13	38.00 12	41.00 11	42.00 9	44.00 9	45.00 8	59.00 14
1963	30.00 8	31.00 8	32.00 7	35.00 10	38.00 10	47.00 12	49.00 12	52.00 13	56.00 10
1964	8.90 1	9.40 1	14.00 2	18.00 2	28.00 4	35.00 6	36.00 5	37.00 4	39.00 4
1965	32.00 12	32.00 11	33.00 9	34.00 8	37.00 9	42.00 10	44.00 10	45.00 9	45.00 7
1966	30.00 9	31.00 9	34.00 10	34.00 9	36.00 7	39.00 7	41.00 7	46.00 10	57.00 12
1967	23.00 5	24.00 5	25.00 5	26.00 4	27.00 3	33.00 4	38.00 6	40.00 6	41.00 5
1968	30.00 10	32.00 10	35.00 12	39.00 13	46.00 13	50.00 15	55.00 15	56.00 15	56.00 11
1969	34.00 15	37.00 14	38.00 14	41.00 14	52.00 17	55.00 18	57.00 16	57.00 16	60.00 15
1970	38.00 17	39.00 17	43.00 16	44.00 16	46.00 14	49.00 13	52.00 13	51.00 12	58.00 13
1971	40.00 18	44.00 18	45.00 17	47.00 17	56.00 19	62.00 19	61.00 19	64.00 19	70.00 18
1972	33.00 13	38.00 16	45.00 18	50.00 18	52.00 18	54.00 17	58.00 18	60.00 17	64.00 17

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
63.7	58.5	47.1	45.4	44.9	64.5	155	181	139	96.6	80.5	56.0
558	171	140	115	69.8	559	8334	12850	8584	6164	1435	745
23.6	13.1	11.8	10.7	8.35	23.7	91.3	113	92.7	78.5	37.9	27.3
0.55	0.56	0.31	-0.19	0.24	1.12	1.95	0.80	1.90	3.61	1.54	0.94
0.37	0.22	0.25	0.24	0.19	0.37	0.59	0.63	0.67	0.81	0.47	0.49
5.17	5.67	4.57	4.40	4.35	6.25	15.0	17.5	13.5	9.36	7.80	5.43

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.78	1.76	1.66	1.64	1.64	1.78	2.13	2.17	2.06	1.91	1.86	1.70
0.03	0.01	0.01	0.01	0.01	0.02	0.05	0.09	0.07	0.05	0.04	0.04
0.16	0.10	0.11	0.11	0.08	0.14	0.22	0.30	0.27	0.23	0.19	0.21
-0.02	0.02	-0.09	-0.88	0.00	0.69	0.64	-0.41	0.13	1.34	0.03	0.05
0.09	0.05	0.07	0.07	0.05	0.08	0.10	0.14	0.13	0.12	0.10	0.12
8.03	7.95	7.51	7.44	7.44	8.07	9.66	9.80	9.33	8.66	8.43	7.69

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
86.1	938	30.6	0.75	0.36	0.053

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.91	0.02	0.15	0.21	0.08	0.062

09237800 SERVICE CREEK NEAR OAK CREEK, COLO.

LOCATION.--Lat 40°17'45", long 106°48'03", in NW¼NW¼ sec.27, T.4 N., R.84 W. (projected), Routt County, on left bank 0.2 mi (0.3 km) upstream from mouth, 8 mi (13 km) east of town of Oak Creek, and 13 mi (21 km) south of Steamboat Springs.

DRAINAGE AREA.--38.2 mi² (98.9 km²).

REMARKS.--No diversion above station.

09237800 SERVICE CREEK NEAR OAK CREEK, COLO.--Continued

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SERVICE CREEK NEAR OAK CREEK, CO.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

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
1966		28	17	1	18	49	44	35	65	8	1	6	2	3	2	5	3	12	11	8	4	4	5	3	6	6	11	2	2	4					
1967		3	21	75	46	16	17	22	27	12	6	8	3	2	5	3	7	7	17	10	4	4	4	4	4	13	3	4	9	3	4	2			
1968			3	20	81	80	14	13	8	7	4	21	9	18	8	4	5	5	2	3	3	1	6	7	5	6	1	1	6	12	4	2	4	3	
1969			1	5	111	31	37	23	21	10	5	8	3	7	4	7	6	4	7	8	6	5	7	8	4	4	5	3	13	12					
1970			2	4	7	12	96	66	27	26	10	9	12	7	3	4	7	2	6	2	3	1	3	2	2	5	2	5	4	11	11	4	3	5	2
1971				6	46	57	44	56	21	11	6	7	3	2	8	3	2	3	2	7	7	6	2	5	3	6	7	3	7	6	9	18		2	
1972			4	25	83	41	27	24	14	11	6	11	11	11	4	5	4	4	4	12	3	7	3	6	8	8	2	1	2	7	14	4			
1973			1	6	59	68	22	40	25	10	3	17	11	9	6	4	7	5	6	4	1	3	3	2	1	3	5	5	15	7	5	5			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2922	100.0	12	14.0	54	884	30.3	24	110	33	372	12.7
1	2.00	31	2922	100.0	13	16.0	59	830	28.4	25	130	51	339	11.6
2	2.40	49	2891	98.9	14	19.0	40	771	26.4	26	160	36	288	9.8
3	2.80	142	2842	97.3	15	23.0	35	731	25.0	27	190	24	252	8.6
4	3.40	351	2700	92.4	16	27.0	41	696	23.8	28	220	48	228	7.8
5	4.00	454	2349	80.4	17	33.0	42	655	22.4	29	260	70	180	6.1
6	4.80	301	1895	64.9	18	39.0	55	613	21.0	30	320	49	110	3.7
7	5.70	279	1594	54.6	19	46.0	54	558	19.1	31	380	35	61	2.0
8	6.80	208	1315	45.0	20	55.0	31	504	17.2	32	450	12	26	.8
9	8.10	95	1107	37.9	21	66.0	31	473	16.2	33	530	12	14	.4
10	9.60	41	1012	34.6	22	78.0	33	442	15.1	34	630	2	2	
11	11.00	87	971	33.2	23	93.0	37	409	14.0					

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SERVICE CREEK NEAR OAK CREEK, CO.

YEAR	1	3	7	15	30	60	90	120	183
1966	290.0 8	275.0 8	255.0 8	209.0 8	177.0 8	121.0 8	92.0 8	71.0 8	48.0 8
1967	415.0 6	386.0 5	351.0 6	296.0 6	240.0 7	168.0 7	127.0 7	100.0 7	68.0 7
1968	580.0 4	560.0 3	519.0 2	428.0 3	349.0 4	233.0 4	165.0 4	127.0 4	87.0 4
1969	306.0 7	295.0 7	281.0 7	273.0 7	249.0 6	176.0 6	134.0 6	105.0 6	71.0 6
1970	637.0 1	617.0 1	572.0 1	512.0 1	426.0 1	305.0 1	215.0 2	164.0 2	110.0 2
1971	592.0 3	531.0 4	468.0 4	434.0 2	395.0 2	302.0 2	224.0 1	173.0 1	115.0 1
1972	420.0 5	376.0 6	367.0 5	359.0 5	319.0 5	214.0 5	158.0 5	123.0 5	83.0 5
1973	620.0 2	585.0 2	517.0 3	406.0 4	379.0 3	278.0 3	197.0 3	152.0 3	102.0 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
SERVICE CREEK NEAR OAK CREEK, CO.

YEAR	1	3	7	14	30	60	90	120	183
1966	2.00 1	2.00 1	2.10 1	2.10 1	2.20 1	2.70 1	3.00 1	3.10 1	3.50 1
1967	2.50 2	2.60 2	3.00 3	3.20 3	3.40 3	3.60 3	3.70 3	3.80 3	4.00 2
1968	3.20 7	3.40 7	3.70 7	4.40 7	4.40 7	4.40 6	4.50 6	4.50 5	5.00 5
1969	2.70 6	2.90 5	3.20 5	3.90 6	4.20 6	5.20 7	5.30 7	5.50 7	6.00 7
1970									
1971	2.60 3	2.70 3	3.20 6	3.40 5	3.80 5	3.90 5	4.20 5	4.60 6	4.90 4
1972	2.60 4	2.70 4	2.90 2	3.00 2	3.20 2	3.30 2	3.40 2	3.60 2	4.40 3
1973	2.70 5	3.00 6	3.10 4	3.30 4	3.50 4	3.80 4	3.90 4	4.00 4	5.10 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)											
6.70	5.33	4.56	4.12	4.01	6.11	37.2	228	208	25.2	6.76	5.10
2.23	2.28	1.49	0.58	0.53	4.37	400	2874	11920	99.8	6.74	1.65
1.49	1.51	1.22	0.76	0.73	2.09	20.0	53.6	109	9.99	2.60	1.29
-0.66	0.08	0.45	0.14	0.16	2.21	-0.01	0.21	-0.47	-0.55	0.45	-0.93
0.22	0.28	0.27	0.18	0.18	0.34	0.54	0.24	0.52	0.40	0.38	0.25
1.24	0.98	0.84	0.76	0.74	1.13	6.88	42.1	38.5	4.65	1.25	0.94

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)											
0.82	0.71	0.65	0.61	0.60	0.77	1.50	2.35	2.24	1.36	0.80	0.69
0.01	0.02	0.01	0.01	0.01	0.02	0.08	0.01	0.10	0.05	0.03	0.02
0.11	0.13	0.12	0.08	0.08	0.12	0.28	0.10	0.32	0.23	0.18	0.13
-1.16	-0.38	-0.17	-0.18	-0.32	1.82	-0.43	-0.08	-1.21	-1.58	-0.64	-1.40
0.13	0.18	0.18	0.13	0.13	0.16	0.18	0.04	0.14	0.17	0.22	0.18
6.23	5.43	4.93	4.65	4.56	5.88	11.5	17.9	17.1	10.4	6.11	5.29

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
45.2	135	11.6	-0.16	0.26	0.371

GREEN RIVER BASIN

09237800 SERVICE CREEK NEAR OAK CREEK, COLO.--Continued

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.64	0.01	0.12	-0.63	0.07	0.431

09238000 OAK CREEK NEAR OAK CREEK, COLO.

LOCATION.--Lat 40°14'38", long 107°00'53", in NW¼SW¼ sec.11, T.3 N., R.86 W., Routt County, on left bank 3.7 mi (6.0 km) southwest of town of Oak Creek and 22 mi (35 km) upstream from mouth.

DRAINAGE AREA.--14 mi² (36 km²), approximately.

REMARKS.--Diversions for irrigation of about 1,000 acres (4.05 km²) above station. One diversion imports water from Trout Creek to Oak Creek above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
OAK CREEK NEAR OAK CREEK, CO.

CLASS YEAR	NUMBER OF DAYS IN CLASS																																			
	0	1	2	3	4	5	6	7	8	9	10	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	2	1	28	64	2	46	15	54	9	24	4	10	12	10	15	13	12	11	9	2	3	5	4	4	3	2	1									
1954		1		28		100	27	36	13	11	28	20	23	9	17	26	15	6	5																	
1955			4	3	3	10	23	83	80	3	13	24	29	23	8	4	17	3	12	1	2	7	1	3	7	2										
1956	2	5	3	9	50	92	22	27	12	9	11	7	6	8	11	9	12	5	4	4	8	11	10	6	14	7	1	1								
1957				1	5	14	61	97	23	4	8	20	10	5	7	13	5	7	5	7	5	7	8	3	7	6	6	7	6	6	8	6	3	6	1	

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1826	100.0	12	5.7	69	664	36.4	24	28	20	113	6.1
1	1.30	4	1826	100.0	13	6.5	90	595	32.6	25	32	30	93	5.0
2	1.50	7	1822	99.8	14	7.4	60	505	27.7	26	37	17	63	3.4
3	1.70	35	1815	99.4	15	8.5	56	445	24.4	27	42	9	46	2.5
4	1.90	104	1780	97.5	16	9.7	59	389	21.3	28	48	7	37	2.0
5	2.20	56	1676	91.8	17	11.0	69	330	18.1	29	55	6	30	1.6
6	2.50	253	1620	88.7	18	13.0	30	261	14.3	30	63	8	24	1.3
7	2.90	101	1367	74.9	19	14.0	37	231	12.7	31	72	6	16	.8
8	3.30	261	1266	69.3	20	17.0	12	194	10.6	32	83	3	10	.5
9	3.80	211	1005	55.0	21	19.0	20	182	10.0	33	94	6	7	.3
10	4.30	70	794	43.5	22	22.0	31	162	8.9	34	110	1	1	
11	5.00	60	724	39.6	23	25.0	18	131	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
OAK CREEK NEAR OAK CREEK, CO.

YEAR	1	3	7	15	30	60	90	120	183
1953	42.0 3	39.0 3	36.0 3	31.0 3	24.0 4	18.0 4	15.0 3	13.0 3	9.9 4
1954	16.0 5	15.0 5	14.0 5	13.0 5	12.0 5	11.0 5	9.3 5	7.9 5	6.3 5
1955	40.0 4	38.0 4	35.0 4	31.0 4	25.0 3	19.0 3	15.0 4	13.0 4	10.0 3
1956	50.0 2	45.0 2	39.0 2	34.0 2	34.0 2	27.0 2	23.0 2	19.0 2	14.0 2
1957	128.0 1	109.0 1	97.0 1	83.0 1	67.0 1	59.0 1	46.0 1	37.0 1	27.0 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
OAK CREEK NEAR OAK CREEK, CO.

YEAR	1	3	7	14	30	60	90	120	183
1954	1.30 1	1.40 1	2.10 3	2.10 2	2.10 1	2.30 1	2.40 1	2.60 1	4.00 4
1955	2.40 4	2.50 4	2.60 4	2.80 4	2.90 3	3.10 3	3.10 3	3.20 3	3.40 2
1956	1.40 2	1.50 2	1.60 1	1.70 1	2.10 2	2.50 2	2.60 2	2.60 2	2.60 1
1957	1.90 3	1.90 3	2.10 2	2.30 3	3.10 4	3.20 4	3.50 4	3.50 4	3.60 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)											
3.83	4.05	3.07	2.98	2.68	3.20	9.01	28.4	22.2	10.1	6.70	3.84
2.56	2.35	0.62	0.66	0.68	0.67	10.6	295	484	41.3	6.05	1.65
1.60	1.53	0.79	0.81	0.82	0.82	3.26	17.2	22.0	6.42	2.46	1.29
1.82	1.87	-0.71	0.19	0.38	0.53	0.65	1.15	2.11	1.31	-0.31	2.22
0.42	0.38	0.26	0.27	0.31	0.26	0.36	0.60	0.99	0.63	0.37	0.33
3.83	4.05	3.07	2.98	2.67	3.20	9.00	28.4	22.2	10.1	6.69	3.84

09238000 OAK CREEK NEAR OAK CREEK, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

DCT	NDV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY RDWS (MEAN,VARIANCE,STANDARD DEVIATION,SKWNESS,CDEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.56	0.59	0.47	0.46	0.41	0.49	0.93	1.39	1.22	0.94	0.80	0.57
0.03	0.02	0.01	0.01	0.02	0.01	0.02	0.07	0.11	0.08	0.03	0.02
0.16	0.14	0.12	0.12	0.13	0.11	0.15	0.26	0.34	0.27	0.19	0.12
1.37	1.56	-0.86	-0.15	0.17	0.45	0.59	0.15	1.60	0.05	-1.21	2.20
0.28	0.24	0.26	0.26	0.33	0.22	0.16	0.19	0.28	0.29	0.23	0.22
6.32	6.64	5.37	5.22	4.65	5.59	10.6	15.7	13.8	10.6	9.03	6.44

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWNESS	COEFF. OF VARIATION	SERIAL CORR
8.37	16.2	4.02	1.78	0.48	0.866

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWNESS	COEFF. OF VARIATION	SERIAL CORR
0.89	0.03	0.18	1.30	0.20	0.789

09238500 WALTON CREEK NEAR STEAMBOAT SPRINGS, COLO.

LOCATION.--Lat 40°24'29", long 106°47'11", in SW¼NW¼ sec.11, T.5 N., R.84 W., Routt County, on left bank 0.4 mi (0.6 km) downstream from Beaver Creek, 0.6 mi (1.0 km) downstream from Storm King Creek, 4.5 mi (7.2 km) upstream from mouth, and 6.0 mi (9.7 km) southeast of Steamboat Springs.

DRAINAGE AREA.--42.4 mi² (109.8 km²).

REMARKS.--Diversions above station by Highline Canal from Beaver and Storm King Creeks for irrigation below station. No other diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN	WALTON CREEK NEAR STEAMBOAT 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																																			
1966	9	16	14	14	7	59	79	21	41	6	3	8	21	5	1	4	3	7	4	2	4	5	2	4	4	3	9	7	3							
1967	6	67	70	29	38	11	16	8	16	16	8	5	7	3	6	5	3	4	3	3	2	1	2	3	3	7	7	5	11							
1968	14	67	96	31	23	21	10	4	12	5	4	2	2	9	9	10	2	6	3	2	2	1	4	1	1	2	4	4	11	4						
1969	11	21	93	79	13	19	11	9	13	6	3	3	5	6	7	5	4	3	9	11	3	10	5	2	2	4	8									
1970	1	97	77	34	31	12	9	6	5	7	4	5	3	2	5	5	3	5	5	2	3	1	3	6	12	9	13									
1971				4	3	81	72	20	40	18	11	4	3	4	2	4	10	8	6	6	4	8	5	6	4	7	1	6	4	8	7	9				
1972	3	4	13	80	96	22	24	10	7	9	12	7	3	11	3	6	4	8	3	2	1	3	3	4	3	5	3	2	9	5	1					
1973	2	14	33	126	43	14	13	9	6	4	7	7	9	5	8	6	3	2	2	2	4	6	6	12	7	6	1	2	1	3	2					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2922	100.0	12	28.0	74	847	29.0	24	210	25	326	11.1
1	4.50	9	2922	100.0	13	33.0	64	773	26.5	25	250	33	301	10.3
2	5.30	16	2913	99.7	14	40.0	42	709	24.3	26	290	33	268	9.1
3	6.30	23	2897	99.1	15	47.0	29	667	22.8	27	350	34	235	8.0
4	7.40	116	2874	98.4	16	55.0	43	638	21.8	28	410	41	201	6.8
5	8.80	196	2758	94.4	17	65.0	45	595	20.4	29	490	41	160	5.4
6	10.00	568	2562	87.7	18	77.0	52	550	18.8	30	570	37	119	4.0
7	12.00	598	1994	68.2	19	91.0	43	498	17.0	31	680	46	82	2.8
8	15.00	187	1396	47.8	20	110.0	34	455	15.6	32	800	26	36	1.2
9	17.00	206	1209	41.4	21	130.0	28	421	14.4	33	950	8	10	.3
10	20.00	88	1003	34.3	22	150.0	37	393	13.4	34	1100	2	2	
11	24.00	68	915	31.3	23	180.0	30	356	12.2					

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

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN	WALTON CREEK NEAR STEAMBOAT SPRINGS, CO.																	
YEAR	1	3	7	15	30	60	90	120	183									
1966	528.0	8	509.0	8	431.0	8	397.0	8	362.0	8	240.0	8	172.0	8	134.0	8	92.0	8
1967	770.0	6	743.0	6	696.0	6	681.0	5	584.0	5	381.0	6	271.0	6	210.0	6	142.0	6
1968	1020.0	2	976.0	2	955.0	2	871.0	1	726.0	1	431.0	3	307.0	3	237.0	3	160.0	3
1969	673.0	7	634.0	7	620.0	7	551.0	7	415.0	7	299.0	7	223.0	7	175.0	7	119.0	7
1970	790.0	5	768.0	5	729.0	5	643.0	6	633.0	3	480.0	2	347.0	2	267.0	2	180.0	2
1971	920.0	4	877.0	4	849.0	3	802.0	2	689.0	2	483.0	1	359.0	1	282.0	1	190.0	1
1972	970.0	3	887.0	3	808.0	4	786.0	3	620.0	4	389.0	5	277.0	5	214.0	5	146.0	5
1973	1160.0	1	1050.0	1	1000.0	1	707.0	4	567.0	6	416.0	4	301.0	4	234.0	4	158.0	4

09238500 WALTON CREEK NEAR STEAMBOAT SPRINGS, 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
WALTON CREEK NEAR STEAMBOAT SPRINGS, CO.

YEAR	1	3	7	14	30	60	90	120	183
1967	4.50 1	4.60 1	4.80 1	5.70 1	6.10 1	7.60 1	8.70 1	8.80 1	9.50 1
1968	7.00 2	7.30 2	8.40 2	9.10 2	9.40 2	9.50 2	9.60 2	9.70 2	10.00 2
1969	8.30 5	8.40 4	8.60 4	9.10 3	9.60 3	9.90 3	10.00 3	11.00 3	12.00 3
1970	8.30 6	8.40 5	9.00 5	9.70 5	10.00 5	10.00 4	10.00 4	11.00 4	13.00 5
1971	7.70 4	9.00 7	9.60 7	9.80 6	10.00 6	11.00 7	11.00 5	12.00 7	14.00 6
1972	8.60 7	8.60 6	9.40 6	9.80 7	9.90 4	10.00 5	11.00 6	11.00 5	12.00 4
1973	7.30 3	7.30 3	8.50 3	9.60 4	11.00 7	11.00 6	12.00 7	12.00 6	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)											
17.0	13.0	11.6	10.7	10.2	11.8	35.5	281	474	72.1	16.7	12.7
10.2	6.90	2.09	0.91	0.89	4.22	257	5342	45450	1329	27.7	7.67
3.20	2.63	1.44	0.95	0.94	2.06	16.0	73.1	213	36.5	5.27	2.77
-0.69	-0.14	-1.09	-0.75	0.19	0.81	0.47	-0.98	-0.85	0.10	0.44	-0.95
0.19	0.20	0.12	0.09	0.09	0.17	0.45	0.26	0.45	0.51	0.31	0.22
1.76	1.34	1.20	1.11	1.05	1.22	3.67	29.1	49.1	7.47	1.73	1.31

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	1.11	1.06	1.03	1.01	1.07	1.51	2.43	2.61	1.79	1.20	1.09
0.01	0.01	0.00	0.00	0.00	0.01	0.04	0.02	0.08	0.08	0.02	0.01
0.09	0.09	0.06	0.04	0.04	0.07	0.21	0.14	0.28	0.28	0.14	0.11
-1.13	-0.51	-1.28	-0.89	-0.11	0.71	-0.11	-1.81	-1.52	-1.09	-0.09	-1.60
0.07	0.08	0.05	0.04	0.04	0.07	0.14	0.06	0.11	0.15	0.12	0.10
7.14	6.45	6.19	6.00	5.87	6.22	8.80	14.2	15.3	10.5	7.03	6.38

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
80.5	263	16.2	-0.50	0.20	0.093

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.90	0.01	0.09	-0.95	0.05	0.064

09238900 FISH CREEK AT UPPER STATION, NEAR STEAMBOAT SPRINGS, COLO.

LOCATION.--Lat 40°28'30", long 106°47'11", in SE¼SE¼ sec.15, T.6 N., R.84 W., Routt County, on right bank 2.5 mi (4.0 km) east of Steamboat Springs and 2.6 mi (4.2 km) upstream from mouth.

DRAINAGE AREA.--25.8 mi² (66.8 km²).

REMARKS.--Diversion 0.2 mi (0.3 km) above station by Welch and Waters ditch for irrigation below station. Natural flow of stream affected by storage in Fish Creek and Long Lake Reservoirs.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FISH CREEK AT UPPER STA NR STEAMBOATSPRINGS, 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																																				
1967																	22	157	32	33	12	23	16	11	6	5	6	6	15	20	1					
1968																	160	42	15	30	28	8	6	12	10	8	9	6	6	10	15	1				
1969																	3	15	136	73	16	14	11	15	7	11	6	7	19	16	12	4				
1970																	17	35	117	46	53	10	13	1	10	7	3	6	15	22	10					
1971																	8	85	70	75	15	5	5	19	11	20	7	11	8	14	12					
1972	1	1	1	3	2	2	3	1	7	8	10	9	7	33	88	54	26	13	14	15	10	9	9	9	9	3	8	7	12	9	1					

09238900 FISH CREEK AT UPPER STATION, NEAR STEAMBOAT SPRINGS, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
 DISCHARGE, IN CUBIC FEET PER SECOND
 MEAN
 FISH CREEK AT UPPER STA NR STEAMBOAT SPRINGS, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2192	100.0	12	1.2	8	2171	99.0	24	71	57	413	18.8
1	0.01	1	2192	100.0	13	1.7	10	2163	98.7	25	100	55	356	16.2
2	0.02	0	2191	100.0	14	2.3	9	2153	98.2	26	140	35	301	13.7
3	0.03	1	2191	100.0	15	3.3	10	2144	97.8	27	200	56	266	12.1
4	0.05	0	2190	99.9	16	4.6	255	2134	97.4	28	280	67	210	9.5
5	0.07	1	2190	99.9	17	6.5	543	1879	85.7	29	390	90	143	6.5
6	0.10	3	2189	99.9	18	9.2	361	1336	60.9	30	560	51	53	2.4
7	0.20	2	2186	99.7	19	13.0	226	975	44.5	31	780	2	2	
8	0.30	2	2184	99.6	20	18.0	135	749	34.2	32				
9	0.40	3	2182	99.5	21	26.0	71	614	28.0	33				
10	0.60	1	2179	99.4	22	36.0	70	543	24.8	34				
11	0.80	7	2178	99.4	23	51.0	60	473	21.6					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
 DISCHARGE, IN CUBIC FEET PER SECOND
 MEAN
 FISH CREEK AT UPPER STA NR STEAMBOATS SPRINGS, CO.

YEAR	1	3	7	15	30	60	90	120	183
1967	560.0 6	543.0 6	490.0 6	438.0 6	409.0 6	307.0 6	220.0 6	172.0 6	116.0 6
1968	814.0 1	779.0 1	738.0 1	663.0 1	567.0 1	362.0 2	260.0 3	200.0 3	135.0 3
1969	575.0 5	566.0 5	553.0 5	498.0 5	418.0 5	319.0 4	237.0 4	185.0 4	125.0 4
1970	687.0 4	671.0 4	647.0 4	576.0 4	487.0 3	394.0 1	284.0 1	218.0 1	146.0 1
1971	694.0 3	685.0 3	655.0 2	611.0 2	493.0 2	353.0 3	264.0 2	210.0 2	142.0 2
1972	782.0 2	700.0 2	647.0 3	588.0 3	479.0 4	311.0 5	222.0 5	172.0 5	116.0 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
 FISH CREEK AT UPPER STA NR STEAMBOATS SPRINGS, CO.

YEAR	1	3	7	14	30	60	90	120	183
1968	4.60 2	4.70 2	4.70 2	4.90 1	5.10 1	5.30 1	5.40 1	5.60 1	5.80 1
1969	5.40 5	5.50 4	5.80 4	6.60 5	7.50 4	8.30 4	8.40 3	8.70 3	9.00 3
1970	3.80 1	4.10 1	4.50 1	5.60 2	6.90 3	8.70 5	10.00 5	11.00 5	12.00 5
1971	4.80 4	5.10 3	5.20 3	5.60 3	7.80 5	8.20 3	8.70 4	9.60 4	11.00 4
1972	4.70 3	6.00 5	6.20 5	6.20 4	6.30 2	7.10 2	7.80 2	8.10 2	8.70 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)											
11.5	10.8	9.45	8.34	7.44	9.88	34.6	210	434	82.9	9.81	8.36
15.8	16.9	4.69	3.04	2.15	4.20	253	6985	10630	1519	25.9	8.43
3.98	4.11	2.16	1.74	1.47	2.05	15.9	83.6	103	39.0	5.09	2.90
0.48	0.67	-0.29	-0.88	-0.37	0.50	0.38	1.04	-0.48	-0.53	-0.42	-1.10
0.35	0.38	0.23	0.21	0.20	0.21	0.46	0.40	0.24	0.47	0.52	0.35
1.38	1.29	1.13	1.00	0.89	1.18	4.14	25.1	51.8	9.91	1.17	1.00

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)											
1.04	1.01	0.97	0.91	0.86	0.99	1.50	2.29	2.63	1.86	0.90	0.89
0.02	0.03	0.01	0.01	0.01	0.01	0.04	0.03	0.01	0.07	0.15	0.04
0.16	0.16	0.11	0.10	0.09	0.09	0.21	0.17	0.11	0.26	0.38	0.20
-0.30	0.27	-0.78	-1.47	-0.71	-0.19	-0.03	-0.17	-0.98	-0.99	-2.05	-1.85
0.15	0.16	0.11	0.11	0.10	0.09	0.14	0.08	0.04	0.14	0.43	0.22
6.56	6.35	6.09	5.76	5.45	6.23	9.46	14.5	16.6	11.8	5.66	5.62

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
69.6	55.6	7.46	0.30	0.11	-0.181

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.84	0.00	0.05	0.21	0.03	-0.204

GREEN RIVER BASIN

09239400 SPRING CREEK NEAR STEAMBOAT SPRINGS, COLO.

LOCATION.--Lat 40°29'36", long 106°48'17", in NW¼SW¼ sec.10, T.6 N., R.84 W., Routt County, on left bank 1.5 mi (2.4 km) east of Steamboat Springs and 1.7 mi (2.7 km) upstream from mouth.

DRAINAGE AREA.--6.96 mi² (18.0 km²).

REMARKS.--Diversions 1.3 mi (2.1 km) above station by Steamboat Garden ditch for irrigation in Soda Creek drainage.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
SPRING CREEK NEAR STEAMBOAT SPRINGS, CO.

CLASS YEAR	NUMBER OF DAYS IN CLASS																																				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34		
1966			18	27	9	11	13	5	4	12	98	60	8	6	10	2	3	2	3	1	16	11	7	5	9	16	5	4									
1967		3	30	16	10	6	3	2	45	89	18	7	3	7	7	10	6	7	4	2	8	11	11	11	10	9	10	4	11	5							
1968			2	6	13	27	125	48	12	7	8	6	7	5	10	10	10	3	2	2	4	8	7	13	3	7	10	8	3								
1969				4	16	105	87	14	16	3	4	5	4	8	4	5	9	16	7	8	6	7	10	4	12	11											
1970				7	20	7	11	10	59	58	43	38	5	4	8	11	6	2	8	5	2	4	2	5	8	9	16	10	7								
1971			7	34	9	10	1	3	86	77	15	9	3	2	4	6	4	3	3	2	2	3	10	9	17	9	4	20	13								
1972			45	6	15	7	4	3	29	106	16	7	5	5	17	9	9	1	3	4	9	10	5	11	7	6	8	11	8								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2557	100.0	12	1.7	78	944	36.9	24	24	52	355	13.8
1	0.07	3	2557	100.0	13	2.2	71	866	33.9	25	30	70	303	11.8
2	0.10	93	2554	99.9	14	2.7	52	795	31.1	26	38	57	233	9.1
3	0.20	56	2461	96.2	15	3.4	40	743	29.1	27	47	47	176	6.8
4	0.30	68	2405	94.1	16	4.2	45	703	27.5	28	58	73	129	5.0
5	0.40	42	2337	91.4	17	5.2	39	658	25.7	29	73	38	56	2.1
6	0.50	60	2295	89.8	18	6.5	34	619	24.2	30	91	15	18	.7
7	0.60	47	2235	87.4	19	8.1	31	585	22.9	31	110	3	3	.1
8	0.70	224	2188	85.6	20	10.0	62	554	21.7	32				
9	0.90	515	1964	76.8	21	13.0	48	492	19.2	33				
10	1.10	330	1449	56.7	22	16.0	38	444	17.4	34				
11	1.40	175	1119	43.8	23	19.0	51	406	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
SPRING CREEK NEAR STEAMBOAT SPRINGS, CO.

YEAR	1	3	7	15	30	60	90	120	183
1966	51.0 7	50.0 7	46.0 7	38.0 7	36.0 7	26.0 7	20.0 7	18.0 7	11.0 7
1967	82.0 4	78.0 4	74.0 4	68.0 4	56.0 4	41.0 4	32.0 4	25.0 4	17.0 4
1968	117.0 1	113.0 1	105.0 1	96.0 1	83.0 1	60.0 2	43.0 3	34.0 2	23.0 1
1969	68.0 5	67.0 5	63.0 5	59.0 5	52.0 5	38.0 5	29.0 5	23.0 5	15.0 5
1970	101.0 2	99.0 2	96.0 2	89.0 2	76.0 2	61.0 1	44.0 2	34.0 3	23.0 2
1971	84.0 3	82.0 3	76.0 3	74.0 3	71.0 3	56.0 3	45.0 1	35.0 1	23.0 3
1972	63.0 6	62.0 6	60.0 6	56.0 6	49.0 6	35.0 6	27.0 6	21.0 6	14.0 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
SPRING CREEK NEAR STEAMBOAT SPRINGS, CO.

YEAR	1	3	7	14	30	60	90	120	183
1967	0.10 2	0.10 2	0.10 1	0.12 2	0.14 2	0.24 2	0.33 1	0.50 1	0.63 1
1968	0.08 1	0.08 1	0.10 2	0.11 1	0.13 1	0.21 1	0.49 3	0.61 3	0.74 3
1969	0.49 5	0.51 5	0.54 5	0.62 5	0.65 5	0.77 5	0.83 4	0.85 4	0.85 4
1970	0.55 6	0.58 6	0.60 6	0.65 6	0.70 6	0.88 6	1.10 6	1.30 6	1.30 6
1971	0.43 4	0.46 4	0.49 4	0.54 4	0.61 4	0.69 4	0.90 5	0.99 5	1.00 5
1972	0.26 3	0.27 3	0.29 3	0.32 3	0.34 3	0.35 3	0.46 2	0.58 2	0.70 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,SKWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.11	1.18	1.07	1.00	1.03	2.18	12.4	44.8	42.7	4.46	0.65	0.43
0.09	0.13	0.04	0.02	0.04	0.50	18.4	93.7	634	6.18	0.17	0.05
0.30	0.36	0.20	0.16	0.21	0.71	4.29	9.68	25.2	2.49	0.41	0.22
-0.50	1.25	0.85	0.69	1.85	-0.09	-0.03	1.11	0.06	-0.74	0.42	0.10
0.27	0.30	0.18	0.16	0.20	0.33	0.35	0.22	0.59	0.56	0.64	0.52
0.98	1.04	0.95	0.89	0.91	1.93	11.0	39.6	37.8	3.94	0.57	0.38

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,SKWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.03	0.06	0.02	0.00	0.01	0.32	1.07	1.64	1.54	0.53	-0.27	-0.42
0.02	0.01	0.01	0.00	0.01	0.02	0.03	0.01	0.11	0.19	0.09	0.06
0.13	0.12	0.08	0.07	0.08	0.15	0.16	0.09	0.33	0.43	0.30	0.25
-1.17	0.98	0.69	0.54	1.58	-0.69	-0.58	0.83	-0.89	-1.75	0.08	-0.30
4.59	2.16	3.35	-16.5	10.4	0.49	0.15	0.05	0.22	0.82	-1.10	-0.60
0.64	1.25	0.51	-0.09	0.17	7.02	23.7	36.4	34.1	11.7	-6.06	-9.36

09239400 SPRING CREEK NEAR STEAMBOAT SPRINGS, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
9.42	6.49	2.55	-0.17	0.27	-0.208

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.96	0.02	0.12	-0.48	0.13	-0.180

09239500 YAMPA RIVER AT STEAMBOAT SPRINGS, COLO.

LOCATION.--Lat 40°29'01", long 106°49'54", in NW¼NE¼ sec.17, T.6 N., R.84 W., Routt County, on right bank 30 ft (9 m) downstream from Fifth Street Bridge in Steamboat Springs and 0.6 mi (1.0 km) upstream from Soda Creek.

DRAINAGE AREA.--604 mi² (1,564 km²).

REMARKS.--Natural flow of stream affected by two diversions for irrigation to Egeria Creek in Colorado River basin, one diversion for irrigation from Trout Creek drainage to Oak Creek drainage, irrigation of about 19,700 acres (79.7 km²) above station and storage reservoirs.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS YEAR	DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30																																															
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34													
MEAN																																																
YAMPA RIVER AT STEAMBOAT SPRINGS, CO.																																																
1905												NUMBER OF DAYS IN CLASS																																				
												17	9	16	71	39	86	24	5	9	4	18	6	8	5	3	10	10	10	6	3	6																
1906															80	71	17	48	28	9	11	3	9	6	8	11	8	5	9	14	12	9	7															
1911												1	13	53	80	57	20	9	19	6	15	25	4	12	5	2	11	13	10	10																		
1912															1	71	37	59	20	24	21	13	8	9	14	15	10	16	9	7	17	7	8															
1913												2	2	45	80	47	41	10	25	23	3	4	5	8	15	5	19	19	8	4																		
1914															39	95	18	10	37	30	23	12	6	5	9	15	7	10	3	12	8	6	8	7	5													
1915												12	17	63	68	17	22	46	17	6	6	3	1	5	34	9	22	9	8																			
1916												1	4	80	12	10	27	38	22	14	20	13	26	9	3	5	16	13	14	11	14	14																
1917															28	63	29	24	65	28	22	7	5	8	8	9	3	9	17	7	5	7	10	11														
1918															5	60	113	17	34	6	7	1	8	22	28	10	1	3	21	10	12	2	4	1														
1919												3	3	29	25	15	4	62	52	14	22	12	4	2	4	4	14	19	4	2	12	2																
1920												6	6	26	51	47	72	17	15	13	25	8	3	5	5	2	3	1	6	17	10	12	15	1														
1921																	1	83	59	50	34	18	14	15	3	8	11	9	4	6	12	12	6	9	10	1												
1922															20	35	162	14	36	11	8	9	6	2	4	18	6	8	4	13	9																	
1923															33	58	42	52	50	5	15	13	12	9	5	4	3	12	11	13	9	19																
1924												13	3	25	19	106	43	33	22	5	5	8	11	7	4	6	11	7	7	14	14	3																
1925																	108	71	40	44	4	6	4	3	12	13	13	19	15	10	3																	
1926															3	12	11	85	70	46	19	23	12	5	4	2	11	9	12	12	8	6	12	3														
1927																	134	43	50	15	8	5	8	11	4	9	9	7	13	25	14	10																
1928															31	9	38	95	52	4	41	6	4	4	8	5	4	11	7	13	17	5	10	2														
1929																	9	126	70	24	7	17	10	8	12	5	4	2	14	8	12	14	19	4														
1930																		96	88	56	25	13	2	3	2	7	14	17	13	14	5	2																
1931												49	7	9	5	6	124	50	25	8	8	7	5	11		5	8	15	15	6	2																	
1932															1	163	20	10	42	5	21	14	5	1	8	13	9	2	11	23	15	3																
1933															3	35	39	143	12	33	10	11	2	8	11	7	7	5	6	6	4	5	8	10														
1934	1	4	1	4	13	6	5	17	5	10	4	18	6	75	89	4	14	9	12	13	10	10	4	23	3	2																						
1935										1	9	25	45	105	18	12	36	14	12	6	11	18	6	9	4	2	5	9	7	5	6																	
1936															5	48	117	66	19	14	6	4	4	5	6	2	4	2	8	19	14	5	17															
1937															9	19	89	48	70	29	9	4	7	7	11	11	6	7	6	12	13	7	1															
1938															4	12	14	54	100	44	42	8	3	3	1	9	12	6	10	15	11	7	8	2														
1939												4	13	14	8	15	42	141	19	4	4	4	2	8	13	11	9	12	3	19	14	6																
1940			1	1	2	10	9	3	15	36	80	61	33	6	4	9	12	11	3	7	11	10	7	11	10	7	6	8	11	10																		
1941															3	21	88	56	31	19	29	18	14	10	9	6	7	5	3	12	8	11	12	3														
1942															4	12	18	20	50	84	50	22	6	8	5	1	4	2	27	12	8	11	3	17	1													
1943															2	15	19	52	80	65	20	8	2	3	2	2	7	6	16	27	13	15	7	4														
1944	5		3	2		2	2	2	8	6	2	5	30	90	51	40	12	12	9	12	11	5	4	4	5	3	11	12	11	7																		
1945															13	39	105	27	24	26	21	13	11	5	7	4	7	9	9	21	22	2																
1946															3	14	22	69	83	44	15	14	6	3	11	7	5	9	24	20	9	6	1															
1947															5	6	33	77	32	53	24	20	10	11	8	7	12	5	8	19	31	4																
1948												1	2	10	11	7	18	84	78	41	14	8	8	6	8	2	9	11	9	16	5	12	3	3														
1949																	1	47	104	65	26	17	5	3	5	6	8	7	6	12	16	17	17	3														
1950															9	15	44	59	63	37	33	2	6	3	6	14	19	10	6	9	9	17	4															
1951																	12	73	87	29	18	18	15	12	6	6	9	6	11	14	6	17	9	12	5													
1952																	13	58	101	26	35	19	13	9	6	7	2	5	3	9	16	18	10	7	4	5												
1953															4	8	11	10	36	112	44	13	18	10	17	8	15	6	8	8	4	4	3	6	15	4	1											
1954															3	6	15	27	28	84	59	54	8	4	2	5	14	14	11	10	2	3	14	2														
1955															10	15	6	15	112	61	37	12	9	4	4	5	2	7	8	7	8	22	11	10														
1956												2	13	8	22	26	116	46	11	13	6	19	6	5	5	3	7	12	13	11	6	9	7															
1957															2	16	55	94	19	10	15	9	16	13	6	6	6	8	11	16	12	11	12	11	12	5												
1958																	12	11	72	109	25	26	19	13	2	3	1	10	6	5	11	6	12	2	9	11												
1959															10	4	37	143	37	17	8	9	7	7	8	7	7	13	11	9	12	14	5															
1960															5	15	64	82	23	16	24	20	13	8	3	11	14	7	8	11	17	18	7															

09239500 YAMPA RIVER AT STEAMBOAT SPRINGS, COLO.--Continued

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

Table with 34 columns (CLASS YEAR, 0-34) and rows for years 1961-1975. Header row: 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. Sub-header row: NUMBER OF DAYS IN CLASS.

Summary table with 4 columns: CLASS, VALUE, TOTAL, ACCUM, PERCT. Rows 0-11.

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

Table with 11 columns: YEAR, 1, 3, 7, 15, 30, 60, 90, 120, 183. Rows for years 1905-1947.

09239500 YAMPA RIVER AT STEAMBOAT SPRINGS, COLO.--Continued

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

MEAN YAMPA RIVER AT STEAMBOAT SPRINGS, CO.	1	3	7	15	30	60	90	120	183
1948	3950.0 19	3830.0 18	3510.0 19	3030.0 25	2470.0 31	1920.0 31	1480.0 32	1170.0 32	817.0 32
1949	3070.0 38	3000.0 38	2930.0 35	2770.0 34	2520.0 29	2100.0 24	1710.0 19	1360.0 20	950.0 21
1950	2570.0 56	2410.0 56	2340.0 54	2210.0 50	1990.0 51	1460.0 55	1210.0 50	977.0 49	681.0 50
1951	3590.0 30	3330.0 31	3030.0 33	2670.0 37	2350.0 35	1920.0 32	1540.0 28	1230.0 28	863.0 29
1952	5190.0 3	5090.0 3	4810.0 3	4150.0 4	3110.0 11	2600.0 8	2040.0 8	1600.0 10	1110.0 9
1953	3840.0 23	3540.0 26	3190.0 29	2860.0 28	2560.0 28	1640.0 38	1250.0 46	991.0 47	700.0 46
1954	1550.0 66	1500.0 66	1480.0 66	1400.0 65	1120.0 66	804.0 66	624.0 66	494.0 66	352.0 66
1955	2380.0 61	2200.0 62	1990.0 62	1930.0 59	1660.0 61	1360.0 59	1080.0 59	833.0 60	580.0 60
1956	3480.0 33	3330.0 32	3120.0 31	2950.0 26	2360.0 33	1820.0 34	1390.0 39	1090.0 38	762.0 38
1957	5100.0 5	4880.0 5	4440.0 6	4080.0 5	3750.0 3	2890.0 4	2420.0 1	1990.0 1	1390.0 1
1958	4260.0 12	4210.0 11	4150.0 8	3900.0 8	3230.0 8	2290.0 17	1710.0 20	1330.0 23	915.0 24
1959	2600.0 52	2550.0 51	2450.0 50	2220.0 47	1900.0 54	1570.0 46	1240.0 47	978.0 48	689.0 48
1960	2700.0 47	2670.0 45	2540.0 43	2290.0 44	2100.0 45	1610.0 43	1430.0 35	1150.0 33	787.0 36
1961	2400.0 60	2360.0 59	2300.0 56	2100.0 55	1760.0 57	1210.0 63	913.0 63	727.0 63	524.0 63
1962	4160.0 17	3880.0 16	3480.0 21	2780.0 32	2660.0 24	2330.0 16	2040.0 9	1620.0 9	1110.0 10
1963	1780.0 64	1670.0 65	1620.0 64	1550.0 64	1430.0 64	1010.0 64	810.0 64	640.0 64	453.0 64
1964	2640.0 48	2520.0 52	2480.0 46	2220.0 48	2120.0 43	1550.0 49	1180.0 53	927.0 54	639.0 57
1965	4300.0 11	4000.0 15	3670.0 15	3220.0 18	2590.0 25	2020.0 28	1650.0 21	1340.0 21	952.0 20
1966	1780.0 65	1750.0 64	1570.0 65	1330.0 66	1280.0 65	923.0 65	757.0 65	611.0 65	432.0 65
1967	2810.0 43	2650.0 46	2460.0 49	2280.0 45	1940.0 52	1400.0 57	1060.0 60	899.0 57	641.0 55
1968	3870.0 20	3730.0 20	3570.0 16	3180.0 21	2790.0 19	2050.0 25	1540.0 29	1220.0 30	861.0 30
1969	2250.0 63	2220.0 61	2120.0 60	1980.0 58	1790.0 56	1410.0 56	1220.0 48	973.0 50	686.0 49
1970	3620.0 29	3550.0 24	3450.0 22	3200.0 19	2920.0 15	2480.0 9	1880.0 15	1480.0 16	1030.0 16
1971	3630.0 28	3390.0 30	3350.0 26	3110.0 22	2880.0 16	2230.0 19	1900.0 12	1540.0 12	1060.0 12
1972	3720.0 25	3110.0 36	2760.0 38	2680.0 36	2330.0 36	1630.0 40	1300.0 42	1040.0 42	733.0 42
1973	3840.0 21	3700.0 22	3360.0 24	2840.0 29	2730.0 21	2240.0 18	1730.0 18	1390.0 17	967.0 17
1974	4170.0 15	3790.0 19	3440.0 23	3110.0 23	3020.0 14	2780.0 5	2100.0 6	1640.0 8	1130.0 8
1975	4180.0 14	3850.0 17	3350.0 25	3040.0 24	2570.0 27	2110.0 22	1650.0 22	1300.0 25	904.0 26

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

MEAN YAMPA RIVER AT STEAMBOAT SPRINGS, CO.	1	3	7	14	30	60	90	120	183
1906	51.00 25	54.00 25	54.00 23	55.00 20	65.00 21	71.00 19	78.00 18	81.00 13	82.00 13
1911	51.00 26	57.00 27	62.00 29	66.00 30	70.00 28	81.00 26	88.00 27	96.00 32	104.00 31
1912	70.00 44	70.00 42	70.00 36	74.00 35	87.00 44	97.00 44	113.00 50	121.00 56	120.00 41
1913	100.00 61	100.00 61	100.00 59	100.00 56	100.00 51	100.00 48	103.00 44	114.00 47	153.00 63
1914	55.00 28	57.00 28	65.00 30	65.00 29	65.00 22	67.00 14	70.00 8	71.00 7	75.00 5
1915	85.00 55	85.00 51	85.00 49	85.00 46	85.00 41	88.00 36	92.00 37	105.00 41	132.00 53
1916	30.00 6	42.00 15	45.00 16	45.00 12	45.00 6	47.00 4	51.00 2	57.00 2	73.00 4
1917	85.00 56	85.00 52	85.00 50	85.00 47	85.00 42	88.00 37	90.00 32	102.00 38	129.00 51
1918	81.00 50	81.00 48	89.00 51	95.00 54	105.00 55	112.00 54	113.00 51	115.00 49	124.00 48
1919	81.00 51	85.00 53	95.00 56	113.00 62	130.00 65	130.00 64	137.00 64	146.00 64	164.00 65
1920	35.00 11	35.00 8	38.00 8	43.00 10	50.00 8	54.00 7	60.00 4	66.00 5	72.00 3
1921	108.00 62	108.00 62	112.00 63	124.00 65	127.00 64	135.00 65	144.00 66	146.00 65	147.00 61
1922	98.00 59	98.00 59	98.00 58	100.00 57	107.00 56	112.00 55	115.00 55	114.00 48	123.00 47
1923	72.00 45	73.00 43	74.00 40	78.00 38	82.00 37	83.00 28	88.00 28	91.00 26	101.00 29
1924	81.00 52	86.00 55	91.00 53	93.00 52	94.00 48	98.00 45	98.00 40	101.00 37	120.00 42
1925	40.00 14	40.00 12	40.00 10	42.00 8	53.00 9	65.00 12	90.00 33	113.00 45	121.00 44
1926	120.00 65	120.00 65	121.00 65	123.00 64	124.00 63	127.00 63	132.00 62	137.00 63	151.00 62
1927	66.00 42	68.00 40	73.00 39	81.00 43	102.00 52	115.00 58	121.00 59	123.00 57	122.00 45
1928	135.00 66	135.00 66	135.00 66	135.00 66	135.00 66	137.00 66	143.00 65	155.00 66	159.00 64
1929	81.00 53	82.00 49	83.00 47	84.00 44	85.00 43	94.00 40	107.00 46	114.00 46	114.00 33
1930	118.00 64	119.00 64	120.00 64	120.00 63	120.00 62	125.00 62	126.00 60	130.00 60	144.00 60
1931	110.00 63	110.00 63	110.00 62	110.00 61	110.00 59	113.00 56	114.00 52	118.00 52	132.00 54
1932	36.00 12	36.00 9	37.00 6	37.00 5	39.00 3	43.00 2	62.00 5	71.00 6	82.00 14
1933	98.00 60	98.00 60	102.00 60	105.00 59	108.00 57	111.00 52	115.00 53	119.00 53	119.00 38
1934	61.00 38	67.00 38	77.00 43	79.00 40	80.00 34	83.00 29	86.00 23	87.00 21	87.00 18
1935	4.00 1	6.00 2	7.00 2	8.80 2	13.00 1	33.00 1	30.00 1	35.00 1	46.00 1
1936	33.00 7	36.00 10	44.00 13	55.00 21	68.00 26	76.00 23	83.00 22	88.00 22	90.00 22
1937	64.00 39	66.00 36	69.00 35	70.00 31	70.00 29	74.00 22	78.00 19	84.00 19	89.00 21
1938	45.00 19	46.00 19	49.00 18	55.00 22	63.00 20	72.00 20	87.00 24	99.00 34	120.00 43
1939	86.00 57	91.00 57	95.00 57	101.00 58	103.00 53	111.00 53	117.00 56	117.00 50	119.00 39
1940	34.00 9	34.00 6	38.00 9	43.00 9	62.00 17	72.00 21	74.00 11	80.00 11	81.00 8
1941	14.00 3	19.00 3	22.00 3	25.00 3	39.00 4	49.00 5	71.00 10	81.00 14	80.00 7
1942	58.00 33	69.00 41	77.00 44	85.00 45	89.00 45	105.00 51	107.00 47	112.00 44	123.00 46
1943	36.00 13	37.00 11	43.00 11	48.00 15	56.00 14	64.00 11	75.00 12	81.00 15	82.00 9
1944	41.00 15	44.00 16	45.00 14	47.00 13	54.00 13	69.00 17	80.00 20	83.00 16	82.00 10
1945	4.00 2	4.00 1	4.90 1	8.20 1	19.00 2	45.00 3	57.00 3	64.00 3	77.00 6
1946	72.00 46	85.00 54	91.00 54	94.00 53	103.00 54	114.00 57	115.00 54	120.00 54	125.00 49
1947	48.00 24	51.00 24	55.00 24	60.00 25	67.00 24	86.00 34	100.00 41	126.00 59	133.00 56
1948	57.00 30	59.00 30	67.00 31	87.00 49	112.00 60	123.00 61	132.00 63	136.00 62	140.00 59

09239500 YAMPA RIVER AT STEAMBOAT SPRINGS, COLO.--Continued

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

YEAR	1	3	7	14	30	60	90	120	183
1949	35.00 10	41.00 13	45.00 15	48.00 14	61.00 16	94.00 41	110.00 49	117.00 51	119.00 40
1950	60.00 34	68.00 39	71.00 37	78.00 39	81.00 35	85.00 30	90.00 34	97.00 33	116.00 34
1951	47.00 21	48.00 20	48.00 17	54.00 18	69.00 27	85.00 31	87.00 25	88.00 23	91.00 23
1952	58.00 31	60.00 31	67.00 32	71.00 32	82.00 38	104.00 50	106.00 45	109.00 42	118.00 36
1953	60.00 35	64.00 34	68.00 33	71.00 33	81.00 36	89.00 39	90.00 35	93.00 28	94.00 24
1954	33.00 8	34.00 7	37.00 7	40.00 7	46.00 7	68.00 15	77.00 16	83.00 17	83.00 15
1955	25.00 4	27.00 4	31.00 4	38.00 6	53.00 10	54.00 6	62.00 6	80.00 12	85.00 16
1956	30.00 5	31.00 5	32.00 5	36.00 4	40.00 5	56.00 8	70.00 9	78.00 8	88.00 19
1957	42.00 16	42.00 14	43.00 12	44.00 11	53.00 11	63.00 10	76.00 14	80.00 9	82.00 11
1958	80.00 49	80.00 47	83.00 48	87.00 50	95.00 50	103.00 49	108.00 48	112.00 43	129.00 50
1959	56.00 29	60.00 32	61.00 28	64.00 28	79.00 33	88.00 38	92.00 38	94.00 29	95.00 25
1960	48.00 22	49.00 22	50.00 19	54.00 19	72.00 30	85.00 32	88.00 29	95.00 30	132.00 55
1961	45.00 20	48.00 21	52.00 21	59.00 24	66.00 23	70.00 18	78.00 17	84.00 18	86.00 17
1962	60.00 36	63.00 33	68.00 34	72.00 34	83.00 39	96.00 42	127.00 61	134.00 61	186.00 66
1963	42.00 17	46.00 17	55.00 25	57.00 23	63.00 18	81.00 24	82.00 21	86.00 20	96.00 27
1964	48.00 23	50.00 23	53.00 22	53.00 16	58.00 15	61.00 9	63.00 7	65.00 4	67.00 2
1965	53.00 27	55.00 26	57.00 26	61.00 26	63.00 19	69.00 16	75.00 13	80.00 10	82.00 12
1966	60.00 37	65.00 35	73.00 38	75.00 36	78.00 31	87.00 35	90.00 30	104.00 39	137.00 58
1967	45.00 18	46.00 18	50.00 20	53.00 17	54.00 12	66.00 13	77.00 15	88.00 24	88.00 20
1968	65.00 40	67.00 37	76.00 41	86.00 48	94.00 49	96.00 43	98.00 39	101.00 35	103.00 30
1969	74.00 47	76.00 46	78.00 45	80.00 41	83.00 40	86.00 33	90.00 31	95.00 31	109.00 32
1970	90.00 58	93.00 58	106.00 61	109.00 60	114.00 61	119.00 60	118.00 57	121.00 55	130.00 52
1971	82.00 54	89.00 56	91.00 55	99.00 55	108.00 58	117.00 59	121.00 58	125.00 58	136.00 57
1972	66.00 41	74.00 44	79.00 46	81.00 42	92.00 46	99.00 47	101.00 43	104.00 40	118.00 37
1973	76.00 48	83.00 50	89.00 52	89.00 51	93.00 47	98.00 46	100.00 42	101.00 36	117.00 35
1974	70.00 43	74.00 45	76.00 42	77.00 37	78.00 32	82.00 27	87.00 26	91.00 25	97.00 28
1975	58.00 32	58.00 29	60.00 27	64.00 27	68.00 25	81.00 25	91.00 36	92.00 27	95.00 26

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
136	126	104	101	103	168	679	1772	1852	347	149	106
3123	962	536	476	530	3110	71680	260000	617300	74240	4436	2232
55.9	31.0	23.1	21.8	23.0	55.8	268	510	786	272	66.6	47.2
1.20	0.52	0.28	0.25	0.69	0.84	0.90	0.47	0.26	2.53	0.80	0.72
0.41	0.25	0.22	0.22	0.22	0.33	0.39	0.29	0.42	0.78	0.45	0.45
2.41	2.22	1.85	1.78	1.83	2.97	12.0	31.4	32.8	6.16	2.64	1.88

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
2.10	2.09	2.01	1.99	2.00	2.20	2.80	3.23	3.22	2.43	2.13	1.98
0.03	0.01	0.01	0.01	0.01	0.02	0.03	0.02	0.06	0.10	0.04	0.04
0.17	0.11	0.10	0.10	0.10	0.14	0.17	0.13	0.24	0.32	0.20	0.21
0.09	0.02	-0.33	-0.49	-0.02	-0.02	-0.02	-0.26	-1.78	-0.63	-0.34	-0.67
0.08	0.05	0.05	0.05	0.05	0.06	0.06	0.04	0.08	0.13	0.10	0.11
7.45	7.40	7.12	7.07	7.11	7.81	9.93	11.5	11.4	8.64	7.56	7.03

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
471	14580	121	0.10	0.26	0.086

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.66	0.01	0.12	-0.79	0.05	0.099

GREEN RIVER BASIN

09240500 ELK RIVER AT HINMAN PARK, COLO.

LOCATION.--Lat 40°45'20", long 106°48'34", in SW¼NE¼ sec.9, T.9 N., R.84 W., Routt County, at Hinman Park, 0.2 mi (0.3 km) upstream from South Fork.

DRAINAGE AREA.--61 mi² (158 km²), approximately.

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ELK RIVER AT HINMAN PARK, 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	
1915		28	62	39	17	12	22	11	12	9	5	6	36	6	14	8	6		8	13	4	10	9	9	4	5	7	3								
1916		60	31	1	43	7	26	33	16	9	4	5	4	3	39	2	1	8	5	6	4	6	6	7	7	10	3	5	9	4	2					
1917		59	31	31	4	26	18	16	6	6	8	5	46	7	7	3	6		1	1	2	6	3	5	9	4	5	2	6	1	6	7	3	19	6	

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1096	100.0	12	120.0	86	428	39.1	24	480	20	134	12.2
1	35.00	147	1096	100.0	13	140.0	16	342	31.2	25	540	16	114	10.4
2	39.00	124	949	86.6	14	150.0	60	326	29.7	26	610	22	98	8.9
3	44.00	71	825	75.3	15	170.0	11	266	24.3	27	680	8	76	6.9
4	49.00	64	754	68.8	16	190.0	14	255	23.3	28	760	11	68	6.2
5	55.00	45	690	63.0	17	220.0	1	241	22.0	29	850	10	57	5.2
6	62.00	66	645	58.9	18	240.0	17	240	21.9	30	960	10	47	4.2
7	69.00	60	579	52.8	19	270.0	19	223	20.3	31	1100	9	37	3.3
8	78.00	34	519	47.4	20	310.0	12	204	18.6	32	1200	3	28	2.5
9	87.00	24	485	44.3	21	340.0	20	192	17.5	33	1300	19	25	2.2
10	98.00	17	461	42.1	22	380.0	18	172	15.7	34	1500	6	6	.5
11	110.00	16	444	40.5	23	430.0	20	154	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
ELK RIVER AT HINMAN PARK, CO.

YEAR	1	3	7	15	30	60	90	120	183
1915	745.0 3	875.0 3	643.0 3	560.0 3	536.0 3	437.0 3	366.0 3	307.0 3	227.0 3
1916	1160.0 2	1070.0 2	994.0 2	969.0 2	835.0 2	670.0 2	535.0 2	443.0 2	321.0 2
1917	1530.0 1	1500.0 1	1470.0 1	1460.0 1	1400.0 1	1110.0 1	878.0 1	696.0 1	493.0 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
ELK RIVER AT HINMAN PARK, CO.

YEAR	1	3	7	14	30	60	90	120	183
1916	35.00 2	35.00 2	35.00 1	35.00 1	35.00 1	35.00 1	37.00 1	40.00 2	51.00 2
1917	35.00 3	35.00 3	35.00 2	35.00 2	35.00 2	35.00 2	37.00 2	39.00 1	51.00 3
1918	28.00 1	31.00 1	37.00 3	39.00 3	40.00 3	41.00 3	41.00 3	43.00 3	46.00 1

09240800 SOUTH FORK ELK RIVER NEAR CLARK, COLO.

LOCATION.--Lat 40°44'43", long 106°48'24", in NE¼ sec.16, T.9 N., R.84 W., Routt County, on left bank 50 ft (15 m) downstream from unnamed tributary, 0.9 mi (1.4 km) upstream from mouth, and 6.5 mi (10.5 km) northeast of Clark.

DRAINAGE AREA.--33.7 mi² (87.3 km²).

REMARKS.--No regulation or diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH FORK ELK RIVER NEAR CLARK, 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
1967		14	110	37	6	13	6	22	12	19	11	7	8	10	6	5	3	3	7	2	1	3	6	2	3	2	3	12	10	10	7	5			
1968		12	68	58	34	18	28	9	10	10	5	3	7	7	14	10	9	4	4	3	4	2	2	1	6	6	5	2	4	7	8	4	2		
1969		28	56	65	28	32	16	18	8	6	4	4	4	4	4	5	4	5	5	3	4	5	5	14	5	5	9	11	5	5	2				
1970		1	32	55	62	18	27	22	17	15	7	5	3	8	5	8	6	2	8	2	2	1	2	1	2	1	2	6	8	11	13	4	5	2	5
1971		25	17	52	32	50	18	16	13	13	5	8	10	9	10	3	3	9	9	5	4	1	7	6	5	5	8	5	2	2	5	6	2		
1972		1	42	32	76	34	33	18	17	5	16	5	6	5	5	8	4	8	4	1	3	3	1	6	4	5	4	3	6	4	6	1			
1973		18	60	22	32	39	33	13	19	10	9	7	7	1	8	4	3	4	3	1	4	7	9	9	6	6	8	4	6	2	7	4			

09240800 SOUTH FORK ELK RIVER NEAR CLARK, COLO.--Continued

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH FORK ELK RIVER NEAR CLARK, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2557	100.0	12	32.0	37	770	30.1	24	170	41	354	13.8
1	7.00	14	2557	100.0	13	37.0	45	733	28.7	25	200	31	313	12.2
2	8.00	142	2543	99.5	14	43.0	41	688	26.9	26	230	36	282	11.0
3	9.30	292	2401	93.9	15	49.0	50	647	25.3	27	260	51	246	9.6
4	11.00	246	2109	82.5	16	57.0	48	597	23.3	28	300	49	195	7.6
5	12.00	334	1863	72.9	17	65.0	32	549	21.5	29	350	49	146	5.7
6	14.00	175	1529	59.8	18	75.0	33	517	20.2	30	400	31	97	3.7
7	16.00	225	1354	53.0	19	86.0	35	484	18.9	31	460	35	66	2.5
8	19.00	108	1129	44.2	20	99.0	20	449	17.6	32	530	16	31	1.2
9	21.00	116	1021	39.9	21	110.0	25	429	16.8	33	610	13	15	.5
10	25.00	72	905	35.4	22	130.0	28	404	15.8	34	700	2	2	
11	28.00	63	833	32.6	23	150.0	22	376	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
SOUTH FORK ELK RIVER NEAR CLARK, CO.

YEAR	1	3	7	15	30	60	90	120	183
1967	496.0 6	488.0 6	471.0 6	436.0 5	376.0 5	308.0 4	229.0 4	179.0 5	125.0 4
1968	656.0 3	629.0 3	585.0 3	510.0 3	451.0 2	312.0 3	229.0 5	183.0 4	125.0 5
1969	475.0 7	460.0 7	427.0 7	373.0 7	331.0 7	273.0 6	215.0 6	171.0 6	118.0 6
1970	696.0 2	692.0 2	656.0 2	539.0 2	446.0 3	365.0 1	269.0 1	210.0 1	145.0 1
1971	708.0 1	697.0 1	662.0 1	609.0 1	476.0 1	337.0 2	258.0 2	206.0 2	143.0 2
1972	576.0 5	523.0 5	497.0 5	443.0 4	364.0 6	245.0 7	181.0 7	143.0 7	99.0 7
1973	581.0 4	547.0 4	506.0 4	393.0 6	380.0 4	300.0 5	233.0 3	183.0 3	125.0 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 FORK ELK RIVER NEAR CLARK, CO.

YEAR	1	3	7	14	30	60	90	120	183
1968	8.60 1	9.00 1	9.20 2	9.20 1	9.40 2	9.60 2	10.00 1	10.00 1	12.00 1
1969	9.80 5	9.80 5	9.80 3	9.90 4	10.00 4	11.00 4	11.00 3	11.00 2	13.00 2
1970	9.00 3	9.70 4	9.90 5	9.90 5	10.00 5	11.00 5	11.00 4	11.00 3	13.00 3
1971	10.00 6	10.00 6	10.00 6	10.00 6	10.00 6	11.00 6	12.00 6	13.00 6	15.00 6
1972	9.20 4	9.60 3	9.80 4	9.80 3	9.90 3	10.00 3	11.00 5	11.00 4	13.00 4
1973	8.90 2	9.10 2	9.10 1	9.20 2	9.30 1	9.50 1	10.00 2	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
19.5	14.0	12.1	11.0	10.1	10.2	23.8	157	382	143	30.6	19.9
15.4	9.34	4.03	2.16	1.29	1.32	14.5	2449	4152	2537	70.0	22.7
3.92	3.06	2.01	1.47	1.13	1.15	12.1	49.5	64.4	50.4	8.37	4.76
0.12	-0.29	-0.56	-0.49	-0.42	0.95	0.61	0.94	-0.27	-1.22	-0.38	0.77
0.20	0.22	0.17	0.13	0.11	0.11	0.51	0.32	0.17	0.35	0.27	0.24
2.34	1.68	1.46	1.32	1.21	1.22	2.86	18.8	45.9	17.2	3.67	2.39

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.28	1.14	1.08	1.04	1.00	1.01	1.33	2.18	2.58	2.12	1.47	1.29
0.01	0.01	0.01	0.00	0.00	0.00	0.05	0.02	0.01	0.04	0.02	0.01
0.09	0.10	0.08	0.06	0.05	0.05	0.22	0.14	0.08	0.20	0.13	0.10
-0.44	-0.81	-0.92	-0.97	-0.65	0.67	0.30	-0.18	-0.54	-1.66	-0.82	0.56
0.07	0.09	0.07	0.06	0.05	0.05	0.17	0.06	0.03	0.10	0.09	0.08
7.32	6.50	6.16	5.93	5.73	5.75	7.59	12.4	14.7	12.1	8.40	7.36

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
69.4	65.2	8.07	-0.26	0.12	-0.190

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
1.84	0.00	0.05	-0.53	0.03	-0.223

GREEN RIVER BASIN

09241000 ELK RIVER AT CLARK, COLO.--Continued

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

YEAR	1	3	7	15	30	60	90	120	183
1913	1950.0 38	1630.0 41	1390.0 43	1290.0 42	1180.0 42	966.0 44	770.0 44	619.0 44	442.0 44
1914	3410.0 2	3260.0 2	2660.0 6	2320.0 6	1870.0 15	1490.0 17	1160.0 18	929.0 18	649.0 18
1915	1730.0 42	1330.0 48	1250.0 47	1200.0 46	1140.0 45	940.0 45	782.0 43	633.0 43	469.0 40
1916	2360.0 23	2170.0 27	1820.0 30	1620.0 33	1490.0 33	1290.0 29	1100.0 22	920.0 19	656.0 17
1918	2800.0 8	2760.0 7	2680.0 5	2430.0 4	2040.0 5	1790.0 4	1400.0 4	1110.0 4	772.0 4
1920	3620.0 1	3530.0 1	3460.0 1	3320.0 1	3170.0 1	2590.0 1	1970.0 1	1530.0 1	1050.0 1
1932	2300.0 25	2290.0 21	2190.0 20	2100.0 16	1930.0 10	1870.0 2	1520.0 3	1260.0 2	890.0 2
1933	2530.0 16	2460.0 14	2330.0 13	2200.0 11	1930.0 11	1400.0 22	1060.0 23	851.0 24	592.0 24
1934	1280.0 50	1230.0 50	1140.0 50	1000.0 50	929.0 49	748.0 49	565.0 50	450.0 50	315.0 50
1935	2730.0 9	2600.0 10	2410.0 8	2120.0 14	1820.0 20	1400.0 23	1050.0 24	841.0 25	577.0 27
1936	2600.0 13	2460.0 15	2340.0 12	2170.0 12	1990.0 7	1700.0 6	1360.0 5	1090.0 5	766.0 5
1937	2650.0 12	2560.0 11	2350.0 11	2260.0 9	2120.0 3	1670.0 9	1240.0 16	982.0 16	671.0 16
1938	3110.0 6	2670.0 8	2170.0 23	2060.0 17	1950.0 8	1550.0 14	1250.0 14	1000.0 13	708.0 11
1939	1540.0 44	1470.0 43	1410.0 42	1290.0 43	1210.0 41	1060.0 39	828.0 41	666.0 39	472.0 38
1940	2180.0 29	1920.0 34	1830.0 29	1600.0 34	1520.0 31	1210.0 33	931.0 34	729.0 35	502.0 37
1941	2070.0 30	1900.0 36	1610.0 40	1500.0 39	1310.0 38	1090.0 37	837.0 39	664.0 40	470.0 39
1942	2180.0 33	2060.0 30	1770.0 34	1640.0 31	1540.0 29	1130.0 35	930.0 35	758.0 33	523.0 32
1943	2660.0 11	2210.0 26	1750.0 35	1480.0 40	1440.0 34	1140.0 34	1030.0 28	836.0 26	586.0 26
1944	2000.0 37	1930.0 33	1810.0 31	1680.0 28	1580.0 25	1350.0 24	1010.0 29	794.0 30	546.0 30
1945	2380.0 20	2270.0 23	1980.0 26	1670.0 29	1580.0 26	1500.0 16	1310.0 9	1060.0 7	732.0 7
1946	1810.0 40	1750.0 39	1650.0 37	1540.0 37	1160.0 43	1010.0 43	891.0 37	722.0 37	509.0 35
1947	2300.0 26	2260.0 24	2190.0 21	1850.0 23	1540.0 30	1410.0 21	1170.0 17	935.0 17	646.0 19
1948	2380.0 21	2340.0 17	2170.0 22	1960.0 21	1760.0 21	1260.0 31	962.0 33	759.0 32	520.0 33
1949	2380.0 22	2320.0 19	2200.0 19	2100.0 15	1870.0 16	1640.0 11	1350.0 6	1070.0 6	735.0 6
1950	2290.0 27	2280.0 22	2240.0 16	2060.0 18	1860.0 17	1480.0 18	1130.0 19	899.0 20	616.0 20
1951	2020.0 34	1990.0 32	1800.0 32	1640.0 30	1410.0 35	1310.0 28	1050.0 25	852.0 23	590.0 25
1952	3290.0 4	2990.0 5	2830.0 2	2490.0 3	1930.0 9	1710.0 5	1320.0 7	1040.0 10	711.0 10
1953	2440.0 18	2330.0 18	2090.0 24	1760.0 26	1550.0 27	1080.0 38	828.0 40	657.0 41	453.0 42
1954	1460.0 48	1380.0 46	1200.0 49	1040.0 49	836.0 50	689.0 50	579.0 49	467.0 49	329.0 49
1955	1380.0 49	1280.0 49	1220.0 48	1150.0 47	1060.0 48	1020.0 41	837.0 38	671.0 38	465.0 41
1956	2340.0 24	2260.0 25	2230.0 17	2140.0 13	1910.0 13	1450.0 19	1130.0 20	883.0 21	607.0 21
1957	3240.0 5	3010.0 4	2770.0 4	2510.0 2	2270.0 2	1850.0 3	1530.0 2	1210.0 3	830.0 3
1958	2550.0 15	2490.0 12	2410.0 9	2290.0 8	2020.0 6	1560.0 13	1130.0 21	863.0 22	602.0 22
1959	1670.0 43	1620.0 42	1580.0 41	1500.0 38	1220.0 40	1010.0 42	769.0 45	607.0 45	424.0 45
1960	1750.0 41	1710.0 40	1650.0 38	1460.0 41	1310.0 39	1090.0 36	901.0 36	729.0 36	502.0 36
1961	1470.0 47	1380.0 47	1340.0 45	1210.0 44	1130.0 46	866.0 48	651.0 48	515.0 48	378.0 48
1962	2580.0 14	2470.0 13	2320.0 14	1870.0 22	1620.0 23	1430.0 20	1310.0 8	1050.0 8	716.0 9
1963	1530.0 45	1400.0 45	1250.0 46	1210.0 45	1150.0 44	926.0 46	689.0 47	549.0 47	385.0 47
1964	2160.0 31	2080.0 29	1980.0 27	1780.0 25	1590.0 24	1330.0 25	969.0 32	757.0 34	520.0 34
1965	2930.0 7	2760.0 6	2600.0 7	2360.0 5	1920.0 12	1590.0 12	1300.0 10	1040.0 9	725.0 8
1966	1520.0 46	1460.0 44	1350.0 44	1150.0 48	1110.0 47	918.0 47	733.0 46	590.0 46	413.0 46
1967	2010.0 36	1910.0 35	1790.0 33	1690.0 27	1540.0 28	1310.0 26	1010.0 30	811.0 29	567.0 28
1968	2180.0 28	2160.0 28	2050.0 25	1800.0 24	1740.0 22	1270.0 30	978.0 31	779.0 31	541.0 31
1969	1820.0 39	1760.0 38	1650.0 39	1550.0 35	1410.0 36	1240.0 32	1040.0 26	832.0 27	598.0 23
1970	2380.0 19	2300.0 20	2200.0 18	1970.0 20	1820.0 18	1670.0 10	1270.0 12	1000.0 14	688.0 14
1971	2490.0 17	2380.0 16	2350.0 10	2230.0 10	1900.0 14	1540.0 15	1250.0 15	1020.0 12	706.0 12
1972	2020.0 35	1870.0 37	1750.0 36	1620.0 32	1390.0 37	1050.0 40	804.0 42	641.0 42	450.0 43
1973	2110.0 32	2030.0 31	1900.0 28	1540.0 36	1500.0 32	1310.0 27	1030.0 27	815.0 28	562.0 29
1974	3400.0 3	3230.0 3	2780.0 3	2310.0 7	2040.0 7	1690.0 7	1260.0 13	985.0 15	673.0 15
1975	2720.0 10	2610.0 9	2300.0 15	2010.0 19	1820.0 19	1680.0 8	1300.0 11	1030.0 11	701.0 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
ELK RIVER AT CLARK, CO.

YEAR	1	3	7	14	30	60	90	120	183
1913	65.00 46	65.00 45	70.00 45	70.00 45	70.00 44	73.00 47	75.00 45	78.00 46	85.00 43
1914	60.00 45	70.00 46	70.00 46	70.00 46	70.00 45	70.00 42	70.00 40	73.00 41	83.00 41
1915	70.00 47	70.00 47	70.00 47	70.00 47	70.00 46	70.00 43	70.00 41	71.00 37	86.00 44
1916	70.00 48	70.00 48	70.00 48	70.00 48	70.00 47	70.00 44	72.00 42	76.00 43	82.00 40
1918	48.00 36	51.00 38	57.00 42	58.00 40	59.00 37	64.00 36	64.00 35	65.00 33	67.00 26
1933	54.00 43	54.00 42	54.00 39	55.00 36	55.00 32	57.00 30	58.00 29	65.00 34	69.00 32
1934	26.00 9	27.00 5	28.00 2	29.00 3	35.00 10	42.00 15	44.00 15	43.00 11	48.00 12
1935	26.00 10	26.00 3	28.00 3	29.00 4	30.00 3	30.00 2	32.00 2	34.00 2	35.00 2
1936	25.00 6	31.00 14	39.00 21	40.00 20	40.00 18	46.00 20	53.00 24	52.00 21	56.00 22
1937	28.00 12	28.00 6	28.00 4	28.00 2	28.00 2	32.00 3	38.00 6	43.00 12	46.00 9
1938	48.00 37	49.00 35	50.00 33	55.00 37	60.00 38	67.00 39	68.00 39	72.00 38	80.00 39
1939	50.00 40	52.00 39	55.00 40	59.00 41	65.00 41	69.00 40	81.00 47	85.00 47	87.00 45
1940	27.00 11	29.00 9	30.00 8	31.00 8	35.00 11	36.00 7	43.00 13	45.00 14	55.00 19
1941	39.00 27	41.00 25	45.00 26	46.00 25	48.00 24	49.00 23	53.00 25	59.00 27	69.00 33
1942	48.00 38	48.00 33	51.00 34	51.00 31	52.00 30	58.00 31	64.00 36	73.00 42	96.00 47
1943	26.00 7	28.00 7	32.00 9	34.00 11	38.00 14	43.00 16	47.00 17	49.00 19	52.00 17
1944	37.00 23	44.00 29	46.00 29	46.00 26	50.00 26	53.00 27	54.00 26	54.00 23	55.00 20
1945	38.00 24	38.00 21	39.00 22	43.00 23	45.00 22	55.00 28	56.00 28	61.00 29	64.00 24
1946	41.00 28	43.00 26	48.00 30	51.00 32	65.00 42	75.00 48	87.00 48	89.00 48	89.00 46
1947	53.00 42	54.00 43	57.00 41	59.00 42	61.00 39	65.00 37	67.00 38	70.00 36	73.00 34
1948	47.00 34	47.00 32	48.00 31	49.00 30	50.00 27	50.00 24	51.00 23	58.00 26	68.00 29
1949	44.00 30	44.00 30	45.00 27	48.00 28	51.00 29	61.00 34	63.00 34	65.00 35	68.00 30
1950	52.00 41	53.00 40	53.00 38	55.00 38	57.00 35	61.00 35	60.00 32	63.00 31	68.00 31

09241000 ELK RIVER AT CLARK, COLO.--Continued

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

YEAR	1	3	7	14	30	60	90	120	183
1951	30.00 13	33.00 15	38.00 19	39.00 17	41.00 19	44.00 18	48.00 20	51.00 20	53.00 18
1952	33.00 19	35.00 19	36.00 17	40.00 18	40.00 15	41.00 12	43.00 14	46.00 16	50.00 15
1953	23.00 2	25.00 2	28.00 5	30.00 5	31.00 4	32.00 4	33.00 3	34.00 3	39.00 3
1954	25.00 3	27.00 4	29.00 6	31.00 6	34.00 6	38.00 10	40.00 8	41.00 8	43.00 8
1955	25.00 4	30.00 13	34.00 14	34.00 12	35.00 7	38.00 11	40.00 9	43.00 9	51.00 16
1956	35.00 21	38.00 22	38.00 18	40.00 19	43.00 20	44.00 19	47.00 18	48.00 17	48.00 13
1957	32.00 18	33.00 16	33.00 12	34.00 13	35.00 8	37.00 8	40.00 10	40.00 6	40.00 4
1958	47.00 35	51.00 36	52.00 36	53.00 34	57.00 36	59.00 32	61.00 33	63.00 32	67.00 27
1959	31.00 16	34.00 18	36.00 15	37.00 14	37.00 12	38.00 9	39.00 7	41.00 7	42.00 7
1960	38.00 25	38.00 23	39.00 20	42.00 21	50.00 28	51.00 25	51.00 21	53.00 22	76.00 37
1961	26.00 8	29.00 10	30.00 7	31.00 7	32.00 5	32.00 5	33.00 4	36.00 4	40.00 5
1962	35.00 22	43.00 27	46.00 28	49.00 29	56.00 33	65.00 38	66.00 37	72.00 39	108.00 48
1963	25.00 5	28.00 8	33.00 13	38.00 16	40.00 16	42.00 13	43.00 11	43.00 10	48.00 14
1964	22.00 1	23.00 1	25.00 1	25.00 1	27.00 1	29.00 1	30.00 1	31.00 1	34.00 1
1965	30.00 14	30.00 11	32.00 10	33.00 9	35.00 9	36.00 6	37.00 5	38.00 5	40.00 6
1966	34.00 20	37.00 20	40.00 23	42.00 22	43.00 21	48.00 21	51.00 22	56.00 25	74.00 35
1967	32.00 17	33.00 17	36.00 16	37.00 15	40.00 17	43.00 17	45.00 16	45.00 15	47.00 10
1968	38.00 26	40.00 24	43.00 24	45.00 24	48.00 25	48.00 22	48.00 19	49.00 18	56.00 21
1969	45.00 31	53.00 41	60.00 43	67.00 44	70.00 48	71.00 45	74.00 44	77.00 44	80.00 38
1970	42.00 29	44.00 28	45.00 25	47.00 27	47.00 23	51.00 26	54.00 27	55.00 24	64.00 25
1971	45.00 32	45.00 31	50.00 32	56.00 39	62.00 40	72.00 46	77.00 46	78.00 45	83.00 41
1972	55.00 44	58.00 44	62.00 44	62.00 43	66.00 43	69.00 41	72.00 43	72.00 40	74.00 36
1973	49.00 39	51.00 37	52.00 37	52.00 33	55.00 31	57.00 29	59.00 30	62.00 30	68.00 28
1974	45.00 33	49.00 34	51.00 35	54.00 35	57.00 34	59.00 33	60.00 31	60.00 28	63.00 23
1975	30.00 15	30.00 12	32.00 11	34.00 10	37.00 13	42.00 14	43.00 12	44.00 13	47.00 11

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
77.1	67.4	62.1	56.4	56.1	72.6	288	1194	1385	453	131	79.6
1182	444	355	314	257	993	29740	132400	192500	69690	3237	1066
34.4	21.1	18.8	17.7	16.0	31.5	172	364	439	264	56.9	32.7
1.76	0.64	0.22	0.76	0.57	2.18	1.03	0.97	-0.01	1.15	1.43	1.26
0.45	0.31	0.30	0.31	0.29	0.43	0.60	0.30	0.32	0.58	0.43	0.41
1.97	1.72	1.58	1.44	1.43	1.85	7.35	30.4	35.3	11.6	3.34	2.03

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.85	1.81	1.77	1.73	1.73	1.83	2.38	3.06	3.11	2.58	2.08	1.87
0.03	0.02	0.02	0.02	0.02	0.02	0.07	0.02	0.03	0.07	0.03	0.03
0.18	0.14	0.14	0.13	0.13	0.15	0.27	0.13	0.17	0.26	0.18	0.16
0.31	-0.07	-0.42	0.07	-0.12	0.97	-0.17	0.27	-1.71	-0.33	0.15	0.37
0.09	0.08	0.08	0.08	0.07	0.08	0.11	0.04	0.05	0.10	0.08	0.09
7.17	7.00	6.86	6.71	6.71	7.09	9.23	11.8	12.1	10.0	8.07	7.24

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
327	5578	74.7	0.43	0.23	0.226

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.50	0.01	0.10	-0.32	0.04	0.172

09242500 ELK RIVER NEAR TRULL, COLO.

LOCATION.--Lat 40°30'53", long 106°57'12", in NW¼NW¼ sec.5, T.6 N., R.85 W., Routt County, 2.5 mi (4.0 km) upstream from mouth and 2.5 mi (4.0 km) southwest of Trull.

DRAINAGE AREA.--415 mi² (1,075 km²).

REMARKS.--Diversions above station for irrigation of about 6,500 acres (26.3 km²) above station and about 1,000 acres (4.05 km²) below station.

09242500 ELK RIVER NEAR TRULL, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ELK RIVER NEAR TRULL, CO.

Table with columns: CLASS YEAR, 0-34, and NUMBER OF DAYS IN CLASS. Rows represent years from 1911 to 1927.

Table with columns: CLASS, VALUE, TOTAL, ACCUM, PERCT. Rows represent discharge values from 0 to 180.00.

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ELK RIVER NEAR TRULL, CO.

Table with columns: YEAR, 1, 3, 7, 15, 30, 60, 90, 120, 183. Rows represent years from 1911 to 1927.

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ELK RIVER NEAR TRULL, CO.

Table with columns: YEAR, 1, 3, 7, 14, 30, 60, 90, 120, 183. Rows represent years from 1911 to 1927.

09242500 ELK RIVER NEAR TRULL, 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)											
160	121	97.9	94.8	97.7	188	771	2274	2389	725	180	106
10350	1946	237	269	380	4167	65980	381100	577200	189200	10900	1274
102	44.1	15.4	16.4	19.5	64.6	257	617	760	435	104	35.7
1.55	1.28	-0.35	-0.48	0.81	0.81	0.15	1.16	0.22	1.49	1.37	0.37
0.63	0.36	0.16	0.17	0.20	0.34	0.33	0.27	0.32	0.60	0.58	0.34
2.22	1.68	1.36	1.32	1.36	2.61	10.7	31.6	33.2	10.1	2.50	1.47

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)											
2.14	2.06	1.99	1.97	1.98	2.25	2.86	3.34	3.36	2.79	2.20	2.00
0.06	0.02	0.01	0.01	0.01	0.02	0.02	0.01	0.02	0.06	0.05	0.02
0.24	0.14	0.07	0.08	0.08	0.15	0.15	0.11	0.15	0.25	0.23	0.15
0.64	0.66	-0.66	-0.95	0.10	0.06	-0.34	-0.07	-0.40	0.13	0.57	-0.21
0.11	0.07	0.04	0.04	0.04	0.07	0.05	0.03	0.04	0.09	0.10	0.08
7.39	7.12	6.86	6.81	6.85	7.78	9.89	11.5	11.6	9.66	7.59	6.92

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
602	19380	139	0.59	0.23	0.009

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.77	0.01	0.10	0.21	0.04	-0.026

09244100 FISH CREEK NEAR MILNER, COLO.

LOCATION.--Lat 40°20'03", long 107°08'19", in SW¼NW¼ sec.11, T.4 N., R.87 W., Routt County, on left bank 220 ft (67 m) downstream from highway bridge, 0.2 mi (0.3 km) upstream from Coyote Creek, and 12 mi (19 km) southwest of Milner.

DRAINAGE AREA.--34.5 mi² (89.4 km²).

REMARKS.--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 MILNER, 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																																						
1956						1	17	18	14	30	27	34	43	52	32	12	4	5	3	4	8	5	2	1	7	10	9	13	6	3	2	3	1						
1957										11	48	51	16	14	29	49	22	11	12	9	5	4	8	4	3	4	4	3	16	11	11	7	9	4					
1958						1	3	14	11	14	22	15	4	8	12	37	134	5	6	12	7	7	6	10	3	2	2	3	2	7	8	10							
1959						1	4	15	17	20	16	11	23	25	38	78	26	8	8	3	7	7	12	10	8	7	8	8	1	4									
1960						3	5	27	25	12	5	10	24	63	52	35	11	6	2	3	5	6	9	21	10	7	12	6	6	1									
1961						5	25	30	26	17	33	64	50	21	13	10	8	2	6	7	7	7	4	12	11	2	4	1											
1962						2	6	16	12	13	13	19	9	15	41	65	33	23	18	12	4	3	5	10	3	4	5	2	4	3	7	15	3						
1963						6	3	11	31	27	49	110	37	7	8	18	7	7	8	14	7	3	5	7															
1964	1	2	6	2		4	5	32	36	55	31	42	20	45	12	7	2	3	9	9	10	10	7	3	5	3	1	4											
1965						5	2	5	1	3	2	6	53	118	35	20	21	12	7	5	4	7	5	5	11	10	9	6	2	4	2								
1966	3	3	14	4	10	2	10	21	11	6	13	17	82	77	13	9	7	7	12	7	11	12	9	4	1														
1967										14	7	16	22	48	72	36	18	5	8	13	11	6	28	20	11	6	5	6	5	6	2								
1968										10	11	31	29	33	93	50	21	4	6	14	11	5	1	3	4	6	4	8	11	2	5	4							
1969						11		8	10	15	8	23	22	68	104	14	12	9	3	3	4	6	8	1	9	7	8	4	2	5	1								
1970										13	18	8	37	41	101	53	12	2	4	4	16	4	1	4	1	10	4	5	6	4	8	2	7						
1971									2	6	5	25	22	25	20	86	59	19	3	3	3	1	1	6	8	14	8	11	12	14	6	6							
1972									3	25	16	12	27	20	20	60	67	13	8	10	6	20	17	13	8	1													
1973										7	8	21	93	52	29	35	27	12	8	8	7	5	2	12	12	2	2	4	5	1	5	8							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	6575	100.0	12	3.2	607	5082	77.3	24	30	146	729	11.0
1	0.30	4	6575	100.0	13	3.8	825	4475	68.1	25	36	114	583	8.8
2	0.50	5	6571	99.9	14	4.6	726	3650	55.5	26	44	90	469	7.1
3	0.60	25	6566	99.9	15	5.5	644	2924	44.5	27	53	81	379	5.7
4	0.70	12	6541	99.5	16	6.7	569	2280	34.7	28	64	71	298	4.5
5	0.80	37	6529	99.3	17	8.1	206	1711	26.0	29	77	78	227	3.4
6	1.00	78	6492	98.7	18	9.7	119	1505	22.9	30	93	43	149	2.2
7	1.20	147	6414	97.6	19	12.0	132	1386	21.1	31	110	53	106	1.6
8	1.50	164	6267	95.3	20	14.0	147	1254	19.1	32	130	39	53	.8
9	1.80	263	6103	92.8	21	17.0	153	1107	16.8	33	160	14	14	.2
10	2.20	291	5840	88.8	22	21.0	122	954	14.5	34	200			
11	2.60	467	5549	84.4	23	25.0	103	832	12.7					

09244100 FISH CREEK NEAR MILNER, 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
FISH CREEK NEAR MILNER, CO.

YEAR	1	3	7	15	30	60	90	120	183
1956	134.0 6	124.0 6	111.0 6	85.0 8	70.0 8	54.0 8	40.0 9	31.0 9	22.0 8
1957	194.0 2	166.0 2	152.0 3	130.0 4	112.0 3	101.0 1	77.0 1	61.0 1	42.0 1
1958	124.0 8	117.0 8	111.0 7	104.0 6	96.0 4	62.0 7	45.0 7	35.0 7	26.0 6
1959	74.0 13	71.0 13	62.0 13	52.0 13	42.0 14	32.0 12	25.0 13	20.0 14	15.0 14
1960	100.0 11	82.0 12	75.0 11	61.0 11	49.0 11	49.0 9	41.0 8	32.0 8	22.0 9
1961	65.0 15	60.0 15	49.0 15	46.0 15	39.0 15	29.0 15	22.0 16	17.0 16	12.0 16
1962	166.0 3	164.0 3	158.0 2	137.0 2	134.0 1	89.0 2	64.0 2	50.0 2	35.0 2
1963	35.0 18	32.0 18	31.0 17	26.0 18	20.0 18	17.0 18	13.0 18	11.0 18	8.4 18
1964	86.0 12	85.0 11	76.0 10	60.0 12	45.0 12	32.0 13	24.0 14	20.0 15	14.0 15
1965	110.0 9	109.0 9	101.0 9	74.0 9	58.0 9	45.0 10	33.0 10	26.0 10	19.0 10
1966	37.0 17	33.0 17	28.0 18	28.0 17	24.0 17	20.0 17	15.0 17	13.0 17	9.8 17
1967	71.0 14	62.0 14	54.0 14	50.0 14	42.0 13	31.0 14	26.0 12	22.0 11	16.0 11
1968	150.0 5	142.0 4	130.0 5	114.0 5	93.0 6	64.0 6	47.0 6	37.0 6	26.0 7
1969	102.0 10	93.0 10	72.0 12	67.0 10	53.0 10	37.0 11	27.0 11	22.0 12	16.0 12
1970	198.0 1	197.0 1	184.0 1	151.0 1	119.0 2	81.0 3	58.0 4	46.0 4	32.0 4
1971	127.0 7	121.0 7	109.0 8	101.0 7	85.0 7	74.0 4	60.0 3	47.0 3	33.0 3
1972	44.0 16	38.0 16	37.0 16	34.0 16	32.0 16	28.0 16	24.0 15	21.0 13	16.0 13
1973	159.0 4	142.0 5	136.0 4	130.0 3	96.0 5	64.0 5	47.0 5	37.0 5	27.0 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
FISH CREEK NEAR MILNER, CO.

YEAR	1	3	7	14	30	60	90	120	183
1957	0.90 6	0.97 6	1.00 6	1.00 4	1.20 4	1.60 5	1.80 3	2.00 3	2.30 1
1958	4.80 17	4.80 17	5.10 17	5.30 17	5.40 17	5.80 17	6.50 17	6.80 17	6.90 17
1959	0.90 7	0.97 7	1.10 7	1.30 7	1.50 8	1.80 6	2.10 6	2.30 4	3.10 7
1960	0.70 3	0.80 4	0.90 5	1.00 5	1.40 5	1.50 3	1.80 4	2.80 7	3.60 8
1961	0.70 4	0.77 3	0.87 3	0.93 3	1.00 3	1.10 1	1.30 1	1.40 1	2.30 2
1962	1.00 8	1.00 8	1.20 9	1.40 8	1.40 6	1.90 8	2.50 9	3.80 14	5.70 16
1963	1.00 9	1.10 10	1.20 10	1.40 9	2.00 12	2.10 9	2.50 10	2.80 8	3.00 6
1964	1.00 10	1.00 9	1.10 8	1.40 10	1.90 10	2.20 10	2.30 7	2.30 5	2.50 4
1965	0.40 1	0.50 2	0.54 2	0.59 1	0.87 2	1.50 4	2.00 5	2.50 6	3.00 5
1966	2.40 16	2.70 16	3.00 16	3.50 16	3.90 16	4.10 16	4.20 15	4.40 15	4.50 14
1967	0.40 2	0.40 1	0.49 1	0.63 2	0.66 1	1.10 2	1.50 2	1.90 2	2.30 3
1968	1.20 11	1.30 11	1.40 11	1.40 11	1.60 9	2.20 11	3.00 12	3.50 11	4.00 11
1969	1.80 14	1.80 12	2.00 14	2.20 13	2.50 13	3.00 14	3.10 13	3.40 9	3.80 9
1970	0.80 5	0.82 5	0.89 4	1.10 6	1.40 7	1.80 7	2.50 8	3.50 10	4.20 12
1971	2.20 15	2.40 15	2.50 15	2.50 15	2.60 14	3.70 15	4.70 16	5.20 16	5.60 15
1972	1.60 12	1.80 13	1.80 12	2.20 14	2.70 15	2.90 13	3.20 14	3.70 13	4.50 13
1973	1.70 13	1.80 14	1.80 13	1.80 12	2.00 11	2.40 12	2.80 11	3.60 12	4.00 10

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
4.44	4.84	4.67	4.66	5.10	7.92	28.0	59.8	22.5	4.81	2.91	2.95
6.23	2.78	2.18	1.73	1.77	13.3	361	929	512	11.9	3.31	2.63
2.50	1.67	1.48	1.31	1.33	3.64	19.0	30.5	22.6	3.45	1.82	1.62
1.35	0.78	0.71	0.61	0.90	1.33	2.16	0.18	3.00	2.41	1.51	0.94
0.56	0.34	0.32	0.28	0.26	0.46	0.68	0.51	1.01	0.72	0.63	0.55
2.91	3.17	3.06	3.05	3.35	5.19	18.3	39.2	14.7	3.15	1.91	1.93

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
0.59	0.66	0.65	0.65	0.70	0.86	1.38	1.71	1.21	0.61	0.39	0.41
0.06	0.02	0.02	0.01	0.01	0.03	0.05	0.07	0.13	0.06	0.06	0.05
0.24	0.14	0.14	0.12	0.11	0.18	0.23	0.26	0.36	0.25	0.25	0.23
0.06	0.33	-0.06	0.15	0.57	0.39	1.21	-0.70	-0.21	0.61	0.18	0.31
0.40	0.22	0.21	0.18	0.15	0.21	0.16	0.15	0.30	0.41	0.63	0.55
5.98	6.74	6.60	6.64	7.08	8.77	14.1	17.4	12.3	6.18	4.02	4.20

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
12.8	25.6	5.06	0.53	0.40	-0.094

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.07	0.03	0.18	-0.09	0.16	-0.098

09244300 GRASSY CREEK NEAR MOUNT HARRIS, COLO.

LOCATION.--Lat 40°26'49", long 107°08'12", in NE¼SE¼ sec.28, T.6 N., R.87 W., Routt County, on right bank 60 ft (18 m) downstream from bridge, 2.5 mi (4.0 km) south of Mount Harris, and 3.3 mi (5.3 km) upstream from mouth.

DRAINAGE AREA.--25.8 mi² (66.8 km²).

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
GRASSY CREEK NEAR MOUNT HARRIS, 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																																				
1959	203	83	22	11	12	3	3	5	2	3	6	1	1	1	1	2	1	1		1		1	1		2												
1960	242	10	12	8	12	10	3	7	6	3	10	8	4	5	3	1		1		2	2	2	1	2	2	1	4	2	2	1							
1961	268	12	13	4	4	9	3	12	15	2	4	3	3	3	5	1	2	1	1																		
1962	202	11	18	19	8	15	2	7	13	3	6	8	4	6	3	3	1	2	3	3	5	2	3	1	4	2	5	3	3								
1963	140	127	4	34	6	24	3	7	17	1		1				1																					
1964	268	40	18	4	3	5	6	2	2			1		1	4	1	1		2	3	1	1	1	1		1											
1965	114	105	35	10	11	7	1	6	8	7	10	7	6	5	4	2	4	2	2		3	1	2	3	2	1	2	2	1	1	1						
1966	189	70	13	9	7	9	3	3	32	6	3	2	1		1		2	6		2	1	2	1		1	1	1										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1626	2922	100.0	12	2.4	19	197	6.7	24	30	11	45	1.5
1	0.10	458	1296	44.4	13	2.9	18	178	6.1	25	37	6	34	1.1
2	0.20	135	838	28.7	14	3.6	19	160	5.5	26	45	12	28	.9
3	0.30	99	703	24.1	15	4.4	14	141	4.8	27	56	7	16	.5
4	0.40	63	604	20.7	16	5.5	11	127	4.3	28	69	6	9	.3
5	0.50	82	541	18.5	17	6.8	14	116	4.0	29	85	2	3	.1
6	0.70	18	459	15.7	18	8.4	8	102	3.5	30	110	1	1	
7	0.80	53	441	15.1	19	10.0	12	94	3.2	31				
8	1.00	95	388	13.3	20	13.0	12	82	2.8	32				
9	1.30	27	293	10.0	21	16.0	9	70	2.4	33				
10	1.50	39	266	9.1	22	19.0	9	61	2.1	34				
11	1.90	30	227	7.8	23	24.0	7	52	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
GRASSY CREEK NEAR MOUNT HARRIS, CO.

YEAR	1	3	7	15	30	60	90	120	183
1959	31.0 6	28.0 5	17.0 6	9.6 6	5.5 6	2.9 6	2.0 6	1.5 6	1.0 6
1960	86.0 2	77.0 3	54.0 3	48.0 3	29.0 2	15.0 3	10.0 3	7.8 3	5.1 3
1961	12.0 7	8.9 7	6.1 7	4.1 7	3.1 7	1.9 7	1.3 7	1.0 7	0.7 7
1962	83.0 3	80.0 2	69.0 2	55.0 1	37.0 1	20.0 1	14.0 1	11.0 1	7.0 1
1963	5.8 8	3.3 8	2.0 8	1.4 8	1.0 8	0.7 8	0.7 8	0.5 8	0.4 8
1964	37.0 5	25.0 6	20.0 5	13.0 5	7.1 5	3.6 5	2.5 5	1.9 5	1.2 5
1965	113.0 1	94.0 1	71.0 1	48.0 2	28.0 3	16.0 2	11.0 2	8.1 2	5.3 2
1966	50.0 4	41.0 4	24.0 4	17.0 4	9.7 4	5.4 4	3.7 4	2.8 4	1.9 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
GRASSY CREEK NEAR MOUNT HARRIS, CO.

YEAR	1	3	7	14	30	60	90	120	183
1960	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.03 4
1961	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 1
1962	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.12 7
1963	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.01 6	0.03 6	0.05 5
1964	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 2
1965	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 5	0.01 5	0.02 3
1966	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.06 7	0.07 7	0.08 7	0.09 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)											
0.03	0.05	0.03	0.02	0.13	2.97	12.2	1.38	0.28	0.07	0.03	0.11
0.00	0.00	0.00	0.00	0.04	23.6	178	2.66	0.14	0.02	0.00	0.06
0.03	0.07	0.04	0.04	0.20	4.85	13.4	1.63	0.37	0.13	0.05	0.25
0.41	1.46	1.35	1.55	2.26	1.56	1.09	1.40	1.26	2.10	2.23	2.72
0.98	1.25	1.39	1.58	1.54	1.64	1.09	1.18	1.33	1.84	1.77	2.22
0.19	0.31	0.15	0.13	0.73	17.1	70.6	7.98	1.60	0.39	0.17	0.66

09244300 GRASSY CREEK NEAR MOUNT HARRIS, 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,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
-1.12	-0.74	-0.68	-0.47	-0.54	-0.01	0.79	-0.15	-0.89	-0.93	-0.99	-0.83
0.61	0.44	0.58	0.43	0.29	0.51	0.35	0.31	0.82	1.03	0.86	0.90
0.78	0.66	0.76	0.66	0.54	0.71	0.59	0.56	0.90	1.01	0.93	0.95
0.49	0.09	-0.32	-0.77	-0.26	0.64	-0.08	0.13	-0.66	-0.63	-0.23	-0.63
-0.70	-0.90	-1.12	-1.40	-1.01	-50.9	0.75	-3.80	-1.02	-1.09	-0.94	-1.14
17.1	11.2	10.4	7.13	8.20	0.21	-12.1	2.24	13.5	14.2	15.1	12.7

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
1.44	1.66	1.29	0.73	0.90	-0.698

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
-0.03	0.20	0.45	0.01	-15.9	-0.607

09244410 YAMPA RIVER BELOW DIVERSION, NEAR HAYDEN, COLO.

LOCATION.--Lat 40°29'18", long 107°09'33", in NW¼SW¼ sec.9, T.6 N., R.87 W., Routt County, in bay of Colorado-Ute Electric Co. pumphouse on left bank 300 ft (91 m) downstream from U.S. Highway 40, 0.1 mi (0.2 km) upstream from Sage Creek, 0.5 mi (0.8 km) downstream from diversion point of Gibraltar Canal, and 4.7 mi (7.6 km) east of Hayden.

DRAINAGE AREA.--1,430 mi² (3,700 km²), approximately.

REMARKS.--Records show flow of river below Gibraltar Canal diversion. Natural flow of stream affected by diversions for irrigation of about 30,000 acres (121 km²) above and 200 acres (809,000 m²) below station, transbasin diversions, storage reservoirs, and return flow from irrigated areas. Records for this site were combined with those for Gibraltar Canal and published as "Yampa River near Hayden" from October 1965 to September 1972.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN	YAMPA RIVER BELOW DIVERSION, NEAR HAYDEN, CO.																																									
CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	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	6	5	6	6	10	4	2	2	3	7	54	53	24	23	14	20	11	12	11	7	11	10	18	11	4	15	11	4	1													
1967			2				2	2	3	16	42	95	27	16	10	14	10	4	11	19	14	13	5	4	8	6	5	13	11	12	1											
1968											8	127	60	10	13	8	17	14	10	9	8	4	5	5	5	9	9	14	5	9	13	4										
1969											21	87	43	48	26	16	8	8	8	2	4	1	4	8	14	21	12	13	17	4												
1970											32	84	57	36	26	11	10	6	7	11	4	4	4	4	4	5	5	7	9	16	17	10										
1971											11	45	68	45	33	26	13	2	3	3	13	2	6	2	5	10	19	17	11	13	9	9										
1972										13	27	88	77	21	9	4	7	9	12	8	6	8	20	8	7	8	5	10	7	10	1	1										
1973										1	8	14	88	57	22	19	18	10	5	13	11	9	4	9	6	7	3	10	16	15	5	10	5									
1974										1	3	5	7	5	5	6	14	45	71	34	5	4	10	14	7	15	12	7	2	5	3	2	3	4	2	3	13	14	23	7	3	2
1975										4	10	6	19	33	119	13	8	12	8	13	7	5	9	4	7	9	3	7	10	4	10	25	10	7	3							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	3652	100.0	12	170.0	768	3134	85.8	24	1600	53	729	19.9
1	23.00	7	3652	100.0	13	210.0	458	2366	64.8	25	1900	64	676	18.5
2	28.00	8	3645	99.8	14	250.0	254	1908	52.2	26	2300	91	612	16.7
3	33.00	11	3637	99.6	15	300.0	182	1654	45.3	27	2800	82	521	14.2
4	40.00	17	3626	99.3	16	360.0	154	1472	40.3	28	3300	107	439	12.0
5	48.00	17	3609	98.8	17	440.0	107	1318	36.1	29	4000	114	332	9.0
6	58.00	9	3592	98.4	18	530.0	86	1211	33.2	30	4800	93	218	5.9
7	69.00	13	3583	98.1	19	630.0	91	1125	30.8	31	5800	81	125	3.4
8	83.00	20	3570	97.8	20	760.0	82	1034	28.3	32	6900	39	44	1.2
9	100.00	27	3550	97.2	21	910.0	82	952	26.1	33	8300	3	5	.1
10	120.00	108	3523	96.5	22	1100.0	58	870	23.8	34	10000	2	2	
11	140.00	281	3415	93.5	23	1300.0	83	812	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	YAMPA RIVER BELOW DIVERSION, NEAR HAYDEN, CO.																											
YEAR	1	3			7			15			30			60			90			120			183					
1966	4000.0	10	3970.0	10	3680.0	10	3040.0	10	2980.0	10	2310.0	10	1920.0	10	1570.0	10	1090.0	10	1620.0	10	1620.0	8	1980.0	6	1760.0	7	2370.0	3
1967	6330.0	8	5790.0	8	5440.0	8	5040.0	8	4510.0	7	3570.0	7	2760.0	8	2280.0	8	1620.0	8	1620.0	8	1620.0	8	1980.0	6	1760.0	7	2370.0	3
1968	7800.0	4	7600.0	3	7120.0	4	6320.0	4	5830.0	4	4550.0	6	3540.0	6	2820.0	6	1980.0	6	1980.0	6	1980.0	6	1980.0	6	1760.0	7	2370.0	3
1969	4970.0	9	4950.0	9	4770.0	9	4550.0	9	4270.0	9	3530.0	8	3100.0	7	2510.0	7	1760.0	7	1760.0	7	1760.0	7	1980.0	6	1760.0	7	2370.0	3
1970	8000.0	2	7770.0	2	7640.0	2	7070.0	2	6380.0	2	5600.0	2	4300.0	2	3450.0	3	2370.0	3	2370.0	3	2370.0	3	1980.0	6	1760.0	7	2370.0	3
1971	7500.0	6	7310.0	6	7200.0	3	6720.0	3	6080.0	3	5000.0	3	4330.0	3	3550.0	2	2430.0	2	2430.0	2	2430.0	2	1980.0	6	1760.0	7	2370.0	3
1972	7000.0	7	6270.0	7	5720.0	7	5250.0	7	4510.0	8	3320.0	9	2650.0	9	2170.0	9	1520.0	9	1520.0	9	1520.0	9	1980.0	6	1760.0	7	2370.0	3
1973	7780.0	5	7390.0	4	6800.0	5	5840.0	6	5380.0	5	4600.0	5	3670.0	5	2960.0	5	2070.0	5	2070.0	5	2070.0	5	1980.0	6	1760.0	7	2370.0	3
1974	11500.0	1	9170.0	1	8070.0	1	7150.0	1	6560.0	1	6100.0	1	4740.0	1	3720.0	1	2540.0	1	2540.0	1	2540.0	1	1980.0	6	1760.0	7	2370.0	3
1975	7830.0	3	7390.0	5	6530.0	6	5870.0	5	5170.0	6	4680.0	4	3750.0	4	3020.0	4	2090.0	4	2090.0	4	2090.0	4	1980.0	6	1760.0	7	2370.0	3

09244410 YAMPA RIVER BELOW DIVERSION, NEAR HAYDEN, 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
YAMPA RIVER BELOW DIVERSION, NEAR HAYDEN, CO.

YEAR	1	3	7	14	30	60	90	120	183
1967	23.00 1	25.00 1	28.00 1	36.00 1	39.00 1	80.00 2	114.00 2	133.00 2	144.00 2
1968	73.00 3	80.00 3	98.00 3	134.00 4	169.00 6	182.00 6	184.00 5	187.00 5	199.00 4
1969	148.00 7	153.00 7	163.00 7	164.00 6	168.00 5	174.00 5	177.00 4	185.00 4	209.00 6
1970	180.00 9	180.00 9	180.00 8	188.00 8	209.00 8	218.00 8	220.00 8	224.00 8	263.00 8
1971	160.00 8	173.00 8	191.00 9	204.00 9	210.00 9	231.00 9	231.00 9	238.00 9	273.00 9
1972	138.00 6	149.00 6	159.00 6	174.00 7	185.00 7	197.00 7	204.00 7	201.00 6	206.00 5
1973	132.00 5	132.00 5	135.00 5	150.00 5	159.00 4	173.00 4	196.00 6	201.00 7	217.00 7
1974	92.00 4	93.00 4	110.00 4	116.00 3	123.00 3	129.00 3	134.00 3	141.00 3	148.00 3
1975	24.00 2	29.00 2	36.00 2	42.00 2	46.00 2	76.00 1	108.00 1	118.00 1	142.00 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)											
266	234	194	191	186	337	1455	3940	4380	1218	322	186
9996	3348	1052	946	1074	16640	457600	1409000	2018000	404500	13060	7635
100.0	57.9	32.4	30.8	32.8	129	676	1187	1421	636	114	87.4
0.31	0.47	-0.44	-0.11	-0.33	1.04	0.98	0.92	-0.97	0.37	0.00	-0.50
0.38	0.25	0.17	0.16	0.18	0.38	0.46	0.30	0.32	0.52	0.35	0.47
2.06	1.81	1.50	1.48	1.44	2.61	11.3	30.5	33.9	9.43	2.49	1.44

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)											
2.40	2.36	2.28	2.28	2.26	2.50	3.13	3.58	3.61	3.01	2.48	2.20
0.03	0.01	0.01	0.01	0.01	0.02	0.03	0.02	0.03	0.08	0.03	0.09
0.17	0.11	0.08	0.07	0.08	0.16	0.18	0.12	0.18	0.29	0.17	0.30
-0.15	0.16	-0.57	-0.60	-0.92	0.58	0.79	0.49	-1.65	-1.11	-0.57	-1.44
0.07	0.05	0.03	0.03	0.04	0.06	0.06	0.03	0.05	0.10	0.07	0.14
7.47	7.35	7.11	7.10	7.05	7.80	9.74	11.2	11.3	9.40	7.73	6.85

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1077	52400	229	-0.45	0.21	0.208

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
3.02	0.01	0.10	-0.90	0.03	0.245

09244500 ELKHEAD CREEK NEAR CLARK, COLO.

LOCATION.--Lat 40°43'56", long 107°10'08", in NW¼NE¼ sec.20, T.9 N., R.87 W., Routt County, on left bank 0.2 mi (0.3 km) downstream from First Creek, 13 mi (21 km) west of Clark, and 17 mi (27 km) north of Hayden.

DRAINAGE AREA.--45.4 mi² (117.6 km²).

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ELKHEAD CREEK NEAR CLARK, 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																																				
1944				17	11	7	17	10	19	103	31	22	13	13	5	9	5	7	13	5	8	5	6	2	2	3	4	7	13	7	2					
1959			9	10	4	3	66	64	42	44	12	5	3	5	3	7	7	3	35	2	3	5	3	8	3	4	4	9	2							
1960		4	8	14	10	9	10	10	7	34	71	33	17	12	16	10	11	10	4	3	5	4	3	5	6	10	17	6	9	6	5					
1961		3	3	7	10	7	8	12	48	122	29	21	4	8	9	7	3	6	5	3	9	2	4	6	1	10	12	5	1							
1962						9	25	8	12	38	75	26	37	34	6	7	5	6	6	3	5	5	4	8	8	9	5	3	9	8	4					
1963						5	14	65	95	64	13	19	2	4	2	6	7	9	8	7	3	9	6	2	7	5	4	1	4	4						
1964								35	123	53	27	21	10	4	9	2	6	6	5	6	4	12	9	3	6	4	4	2	3	5	2					
1965								9	137	33	8	26	21	16	14	6	10	9	2	5	3	2	4	6	3	5	8	19	8	3	5	3				
1966				3	9	15	17	8	53	85	45	16	5	12	1	17	5	2	3	4	3	8	10	7	9	11	14	2	1							
1967						4	5	29	100	61	25	18	9	5	4	9	8	7	6	10	7	14	5	4	6	8	7	14								
1968								2	118	73	26	7	12	17	5	8	9	10	12	8	2	3	2	3	6	8	10	8	6	5	6					
1969								7	103	77	34	18	10	6	6	7	4	9	14	10	8	6	4	6	6	7	6	9	6	2						
1970								2	79	94	29	46	16	16	7	4	9	3	3	3	3	3	3	3	4	3	2	7	10	3	8	7	2	2	3	
1971							3	8	12	60	50	29	60	26	8	7	11	6	5	1	4	2	3	5	7	14	17	9	8	4	6					
1972							12	18	21	55	90	61	13	7	5	5	8	2	8	4	3	5	2	3	4	6	7	13	9	2	1					
1973								34	93	62	36	18	15	8	15	9	7	5	7	4	5	2	1	3	11	7	4	5	4	10						

09244500 ELKHEAD CREEK NEAR CLARK, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CDTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ELKHEAD CREEK NEAR CLARK, CD.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5845	100.0	12	4.1	684	3123	53.4	24	71	74	776	13.2
1	0.20	3	5845	100.0	13	5.2	358	2439	41.7	25	90	80	702	12.0
2	0.40	7	5842	99.9	14	6.6	277	2081	35.6	26	110	103	622	10.6
3	0.50	15	5835	99.8	15	8.3	210	1804	30.9	27	140	116	519	8.8
4	0.60	33	5820	99.6	16	11.0	90	1594	27.3	28	180	133	403	6.8
5	0.80	47	5787	99.0	17	13.0	136	1504	25.7	29	230	92	270	4.6
6	1.00	41	5740	98.2	18	17.0	115	1368	23.4	30	290	77	178	3.0
7	1.20	65	5699	97.5	19	22.0	86	1253	21.4	31	370	54	101	1.7
8	1.60	261	5634	96.4	20	27.0	138	1167	20.0	32	470	40	47	.8
9	2.00	601	5373	91.9	21	35.0	81	1029	17.6	33	600	4	7	.1
10	2.50	664	4772	81.6	22	44.0	76	948	16.2	34	760	3	3	
11	3.20	985	4108	70.3	23	56.0	96	872	14.9					

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

YEAR	1	3	7	15	30	60	90	120	183
1944	520.0 6	490.0 7	440.0 7	402.0 6	345.0 3	218.0 7	154.0 7	119.0 7	79.0 8
1959	300.0 14	290.0 13	267.0 13	243.0 12	180.0 15	111.0 15	83.0 15	64.0 15	43.0 15
1960	340.0 12	319.0 12	273.0 12	219.0 14	192.0 13	159.0 10	117.0 10	90.0 10	60.0 10
1961	197.0 16	178.0 16	152.0 16	137.0 16	119.0 16	78.0 16	54.0 16	41.0 16	28.0 16
1962	518.0 7	511.0 4	472.0 4	362.0 8	331.0 5	224.0 5	160.0 5	123.0 5	83.0 5
1963	410.0 10	400.0 10	375.0 10	286.0 10	202.0 12	125.0 14	89.0 14	68.0 14	46.0 14
1964	626.0 2	612.0 2	590.0 2	457.0 3	295.0 8	176.0 9	123.0 9	94.0 9	62.0 9
1965	518.0 8	487.0 8	466.0 5	376.0 7	287.0 9	220.0 6	157.0 6	120.0 6	81.0 6
1966	336.0 13	278.0 15	232.0 15	209.0 15	184.0 14	139.0 13	102.0 13	79.0 13	53.0 13
1967	287.0 15	281.0 14	266.0 14	240.0 13	212.0 11	145.0 12	108.0 12	85.0 11	57.0 11
1968	561.0 4	506.0 6	460.0 6	432.0 4	332.0 4	236.0 3	167.0 3	128.0 3	86.0 3
1969	500.0 9	480.0 9	385.0 9	339.0 9	305.0 7	202.0 8	151.0 8	117.0 8	79.0 7
1970	800.0 1	787.0 1	653.0 1	527.0 1	388.0 1	255.0 1	176.0 2	134.0 2	90.0 2
1971	549.0 5	507.0 5	430.0 8	406.0 5	328.0 6	254.0 2	195.0 1	150.0 1	100.0 1
1972	370.0 11	328.0 11	283.0 11	255.0 11	220.0 10	154.0 11	110.0 11	84.0 12	56.0 12
1973	595.0 3	578.0 3	556.0 3	490.0 2	368.0 2	235.0 4	165.0 4	126.0 4	84.0 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
ELKHEAD CREEK NEAR CLARK, CO.

YEAR	1	3	7	14	30	60	90	120	183
1960	0.60 3	0.67 3	0.70 3	0.73 3	1.10 3	1.90 4	3.30 10	3.50 7	4.30 8
1961	0.40 2	0.47 2	0.57 2	0.68 2	0.83 2	0.95 1	1.30 1	1.50 1	1.60 1
1962	0.30 1	0.37 1	0.46 1	0.61 1	0.82 1	1.60 2	2.60 6	4.10 11	4.70 12
1963	1.40 7	1.40 7	1.50 6	1.50 5	1.70 5	2.20 7	2.40 5	2.60 4	2.60 4
1964	1.19 6	1.19 6	1.40 5	1.80 6	1.80 6	2.00 5	2.10 2	2.20 2	2.40 3
1965	1.80 10	1.90 10	1.90 9	1.90 7	2.00 7	2.20 6	2.20 3	2.20 3	2.30 2
1966	2.60 12	2.80 12	2.90 13	3.00 12	3.00 11	3.10 10	3.20 9	3.60 8	4.30 9
1967	0.90 4	0.93 4	1.10 4	1.30 4	1.40 4	1.80 3	2.40 4	2.70 5	2.70 5
1968	1.19 5	1.19 5	1.60 7	2.10 8	2.40 8	2.80 8	2.80 7	2.90 6	3.20 6
1969	2.40 11	2.50 11	2.60 11	2.80 11	3.40 12	3.70 12	3.80 11	3.90 10	4.30 10
1970	2.80 13	2.90 13	2.90 12	3.40 13	3.90 13	3.90 13	4.10 13	4.30 12	4.90 13
1971	3.00 14	3.10 14	3.30 14	3.50 14	3.90 14	4.30 14	4.40 14	5.00 14	5.90 14
1972	1.60 8	1.70 8	2.00 10	2.60 10	2.90 10	3.30 11	4.00 12	4.30 13	4.60 11
1973	1.80 9	1.80 9	1.90 8	2.10 9	2.60 9	2.90 9	3.20 8	3.60 9	4.10 7

STATISTICS ON NDRMAL MONTHLY MEANS (ALL DAYS)

	OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKWENESS,COEFF. OF VARIATION,PERCENTAGE DF AVERAGE VALUE)	4.57	4.51	3.61	3.19	3.19	4.81	64.4	239	82.3	10.9	3.65	3.36
	4.17	2.41	1.78	1.13	0.83	4.48	3078	5337	2592	32.2	3.61	2.57
	2.04	1.55	1.34	1.06	0.91	2.12	55.5	73.1	50.9	5.67	1.90	1.60
	0.36	0.38	0.50	0.36	0.29	0.89	0.73	0.04	0.40	-0.03	0.33	0.46
	0.45	0.34	0.37	0.33	0.29	0.44	0.86	0.31	0.62	0.52	0.52	0.48
	1.07	1.06	0.84	0.75	0.75	1.13	15.1	55.9	19.3	2.56	0.85	0.79

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,SKWENESS,COEFF. OF VARIATION,PERCENTAGE DF AVERAGE VALUE)	0.62	0.63	0.53	0.48	0.49	0.65	1.64	2.36	1.83	0.97	0.50	0.47
	0.04	0.02	0.03	0.02	0.02	0.03	0.17	0.02	0.09	0.08	0.07	0.06
	0.21	0.15	0.17	0.15	0.13	0.18	0.41	0.14	0.30	0.28	0.26	0.24
	-0.22	-0.15	-0.16	-0.13	-0.36	0.26	0.13	-0.40	-0.11	-0.64	-0.64	-0.69
	0.34	0.24	0.31	0.31	0.26	0.28	0.25	0.06	0.16	0.29	0.53	0.50
	5.53	5.65	4.75	4.31	4.36	5.79	14.7	21.2	16.4	8.68	4.45	4.24

09244500 ELKHEAD CREEK NEAR CLARK, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL' DAYS)

MEAN 35.8	VARIANCE 108	STANDARD DEVIATION 10.4	SKEWNESS -0.30	COEFF. OF VARIATION 0.29	SERIAL CORR -0.032
--------------	-----------------	----------------------------	-------------------	-----------------------------	-----------------------

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN 1.53	VARIANCE 0.02	STANDARD DEVIATION 0.14	SKEWNESS -0.98	COEFF. OF VARIATION 0.09	SERIAL CORR -0.091
--------------	------------------	----------------------------	-------------------	-----------------------------	-----------------------

09245000 ELKHEAD CREEK NEAR ELKHEAD, COLO.

LOCATION.--Lat 40°40'11", long 107°17'05", in NW¼NE¼ sec.8, T.8 N., R.88 W., Routt County, on right bank 0.2 mi (0.3 km) upstream from North Fork Elkhead Creek, 4.5 mi (7.2 km) northwest of Elkhead, and 12 mi (19 km) north of Hayden.

DRAINAGE AREA.--64.2 mi² (166.3 km²).

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

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	
MEAN ELKHEAD CREEK NEAR ELKHEAD, CO.																																				
NUMBER OF DAYS IN CLASS																																				
1954	1	2	2	3	3	11	9	13	20	40	55	111	4	4	5	11	6	7	5	8	3	3	3	6	6	14	7	6	9	7	1					
1955	9	8	6	1	3	1	2		5	35	139	45	19	3	7	2	8	3	3	7	5	8	3	6	6	14	7	6	9	7	1					
1956		3	5	6	13	11	7	10	3	9	12	11	81	87	8	9	10	8	6	5	3	2	3	2	7	8	7	13	5	9	3					
1957						1	1	2	1	2	60	127	15	13	14	13	9	5	7	6	7	8	9	3	8	10	13	15	11	3	2					
1958						2	5	21	12	11	11	17	18	83	60	41	4	9	5	4	3	2	9	7	9	4	5	12	7	1						
1959		5	6	2	1	2	3	10	6	7	79	94	40	5	7	3	8	7	18	8	6	3	7	4	11	4	3	7	9							
1960						6	12	12	11	12	8	70	75	19	26	10	5	6	6	9	10	4	5	5	9	12	17	5	9	3						
1961	3	11	10		1	6	9	30	31	44	63	25	13	10	14	11	16	7	7	7	5	3	5	2	5	7	16	4								
1962						7	22	6	10	8	5	6	8	48	105	25	17	6	7	9	5	4	6	5	10	9	6	6	3	8	14					
1963					1	3	1	8	9	53	46	76	35	23	7	4	6	3	14	14	9	9	8	9	3	6	5	4	2	7						
1964							3	16	22	50	128	34	11	6	4	8	5	7	8	6	9	12	6	4	7	3	3	3	3	8						
1965								1	6	33	130	32	23	14	14	21	7	7	3	4	4	4	3	4	3	6	10	15	8	9	8					
1966						2	7	3	6	9	19	7	55	87	41	11	25	8	7	5	5	4	5	7	13	8	15	13	2	1						
1967									4	21	98	58	29	25	13	10	10	6	6	6	9	14	9	11	11	7	7	11								
1968										4	94	95	25	18	13	11	7	9	21	9	2	4	2	5	3	8	8	11	10	7						
1969										5	9	140	53	30	8	8	7	9	9	16	11	4	5	7	6	9	6	9	7	7						
1970										1	25	92	75	39	24	20	11	6	8	4	4	4	4	3	4	4	7	9	8	6	5	6				
1971										2	6	26	76	39	44	38	25	5	15	5	4	3	3	3	4	8	15	18	13	10	3					
1972									5	9	18	26	26	6	104	50	10	6	9	11	13	7	5	7	9	12	19	12	2							
1973										4	19	15	39	106	48	18	12	15	14	9	6	4	3	4	11	8	8	4	5	13						
1974										5	24	17	30	32	47	76	31	21	5	7	6	5	6	7	8	12	1	9	5	9	2					
1975										9	25	83	18	21	44	25	10	16	13	12	10	9	10	6	7	7	7	6	5	12	5	4	1			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	13	8035	100.0	12	3.9	1210	5644	70.2	24	110	156	1073	13.3
1	0.10	29	8022	99.8	13	5.2	686	4434	55.2	25	150	173	917	11.4
2	0.20	29	7993	99.5	14	6.8	773	3748	46.6	26	200	202	744	9.2
3	0.30	9	7964	99.1	15	9.1	443	2975	37.0	27	270	175	542	6.7
4	0.40	22	7955	99.0	16	12.0	371	2532	31.5	28	350	140	367	4.5
5	0.50	40	7933	98.7	17	16.0	189	2161	26.9	29	470	119	227	2.8
6	0.70	76	7893	98.2	18	21.0	206	1972	24.5	30	620	92	108	1.3
7	1.00	99	7817	97.3	19	28.0	179	1766	22.0	31	820	15	16	.1
8	1.30	134	7718	96.1	20	37.0	152	1587	19.8	32	1100	1	1	
9	1.70	232	7584	94.4	21	49.0	119	1435	17.9	33				
10	2.20	492	7352	91.5	22	65.0	132	1316	16.4	34				
11	2.90	1216	6860	85.4	23	86.0	111	1184	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

YEAR	1	3	7	15	30	60	90	120	183
1954	302.0 22	288.0 22	266.0 21	215.0 22	180.0 22	118.0 22	84.0 22	64.0 22	43.0 22
1955	564.0 15	431.0 16	379.0 17	353.0 15	295.0 16	197.0 18	140.0 18	106.0 18	71.0 18
1956	646.0 13	637.0 12	586.0 12	497.0 13	414.0 11	288.0 12	199.0 12	151.0 12	101.0 12
1957	862.0 5	819.0 4	716.0 6	544.0 11	413.0 12	383.0 1	284.0 1	219.0 1	147.0 1
1958	870.0 4	771.0 7	660.0 8	622.0 5	525.0 5	341.0 9	236.0 9	180.0 10	122.0 10
1959	400.0 19	394.0 19	369.0 18	349.0 16	260.0 20	162.0 20	116.0 20	89.0 20	59.0 20
1960	558.0 16	506.0 15	427.0 15	330.0 18	304.0 14	240.0 13	176.0 13	135.0 13	90.0 13

09245000 ELKHEAD CREEK NEAR ELKHEAD, 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
ELKHEAD CREEK NEAR ELKHEAD, CO.

YEAR	1	3	7	15	30	60	90	120	183
1961	328.0 21	299.0 21	256.0 22	237.0 21	215.0 21	133.0 21	93.0 21	71.0 21	48.0 21
1962	766.0 9	730.0 8	701.0 7	584.0 8	559.0 4	362.0 5	256.0 4	196.0 5	131.0 5
1963	581.0 14	565.0 14	542.0 14	418.0 14	285.0 17	174.0 19	127.0 19	97.0 19	65.0 19
1964	798.0 8	790.0 6	772.0 5	616.0 6	403.0 13	238.0 14	167.0 14	127.0 14	85.0 14
1965	722.0 11	689.0 11	658.0 9	559.0 9	490.0 8	361.0 6	255.0 5	193.0 7	130.0 6
1966	499.0 17	398.0 18	334.0 19	313.0 19	277.0 18	212.0 15	154.0 17	119.0 17	80.0 17
1967	418.0 18	401.0 17	383.0 16	345.0 17	302.0 15	207.0 17	159.0 15	124.0 15	83.0 16
1968	803.0 7	720.0 9	639.0 10	616.0 7	494.0 7	345.0 8	242.0 8	185.0 8	124.0 9
1969	759.0 10	712.0 10	626.0 11	558.0 10	482.0 9	313.0 11	226.0 11	175.0 11	117.0 11
1970	1090.0 2	1050.0 1	947.0 1	771.0 1	573.0 2	370.0 3	255.0 6	194.0 6	129.0 7
1971	693.0 12	633.0 13	563.0 13	539.0 12	439.0 10	356.0 7	271.0 3	208.0 3	138.0 3
1972	389.0 20	353.0 20	311.0 20	301.0 20	269.0 19	212.0 16	158.0 16	124.0 16	84.0 15
1973	814.0 6	809.0 5	803.0 3	739.0 2	559.0 3	363.0 4	255.0 7	196.0 4	132.0 4
1974	900.0 3	853.0 3	775.0 4	655.0 4	514.0 6	335.0 10	233.0 10	184.0 9	125.0 8
1975	1100.0 1	1050.0 2	925.0 2	729.0 3	601.0 1	383.0 2	276.0 2	213.0 2	143.0 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
ELKHEAD CREEK NEAR ELKHEAD, CO.

YEAR	1	3	7	14	30	60	90	120	183
1954	1.10 11	1.19 11	1.19 11	1.19 9	1.40 8	2.00 8	2.40 8	2.70 7	3.10 8
1955	0.00 1	0.07 3	0.20 4	0.54 5	0.79 5	1.40 5	1.90 4	2.30 3	2.80 4
1956	0.00 2	0.00 1	0.00 1	0.04 1	0.12 1	1.10 3	1.90 5	2.50 4	3.50 9
1957	0.20 5	0.20 5	0.24 5	0.37 4	0.46 3	0.90 2	1.80 2	2.50 5	3.00 7
1958	4.10 22	4.10 22	4.20 21	4.70 22	4.90 21	6.00 22	7.10 22	7.60 22	8.10 21
1959	0.80 10	0.87 10	1.00 10	1.19 10	1.60 10	2.10 9	2.30 7	2.60 6	2.60 3
1960	0.10 4	0.10 4	0.13 3	0.19 3	0.78 4	1.70 7	3.10 12	4.10 12	4.40 12
1961	0.50 7	0.53 7	0.57 6	0.69 6	1.30 7	1.50 6	1.60 1	1.60 1	1.80 1
1962	0.00 3	0.00 2	0.06 2	0.11 2	0.28 2	0.85 1	1.90 3	4.20 13	5.40 15
1963	0.50 8	0.57 8	0.60 7	0.74 7	0.82 6	1.30 4	2.00 6	2.10 2	2.30 2
1964	0.40 6	0.47 6	0.70 8	1.30 11	1.90 11	2.50 12	2.60 9	2.80 8	2.90 5
1965	1.30 12	1.30 12	1.60 13	1.90 12	2.10 12	2.40 11	2.80 10	2.90 9	3.00 6
1966	3.30 20	3.80 21	4.20 22	4.50 21	5.30 22	5.50 21	5.70 21	6.50 20	6.90 19
1967	0.60 9	0.63 9	0.80 9	1.10 8	1.50 9	2.30 10	3.40 14	3.50 10	3.50 10
1968	2.00 15	2.00 14	2.20 14	2.80 15	3.00 15	3.10 14	3.30 13	3.50 11	3.80 11
1969	3.40 21	3.40 20	3.70 20	3.90 20	4.00 18	4.10 17	4.20 16	4.30 14	5.00 14
1970	2.50 16	2.60 17	2.70 17	3.50 18	4.40 20	4.70 19	4.90 17	5.10 16	5.70 16
1971	2.80 19	3.10 19	3.10 19	3.20 16	4.10 19	4.90 20	5.30 20	6.10 19	7.30 20
1972	1.80 14	2.00 15	2.40 15	3.30 17	3.70 16	4.00 16	5.00 18	5.80 18	6.80 18
1973	1.30 13	1.40 13	1.50 12	2.00 13	2.60 13	3.20 15	3.70 15	5.20 17	6.50 17
1974	2.60 17	2.80 18	3.00 18	3.70 19	3.90 17	4.50 18	5.30 19	6.80 21	8.60 22
1975	2.60 18	2.60 16	2.70 16	2.70 14	3.00 14	3.00 13	3.10 11	4.30 15	4.80 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)											
5.44	5.99	5.22	4.79	5.13	10.1	11.3	351	114	14.5	4.28	3.57
6.54	7.70	7.59	5.76	7.72	69.5	7208	14700	8725	156	8.64	4.07
2.56	2.77	2.75	2.40	2.78	8.34	84.9	121	93.4	12.5	2.94	2.02
0.32	0.30	1.29	1.17	1.83	2.22	0.84	-0.08	1.28	1.64	0.80	0.49
0.47	0.46	0.53	0.50	0.54	0.83	0.75	0.35	0.82	0.87	0.69	0.57
0.85	0.94	0.82	0.75	0.80	1.58	17.7	55.1	17.9	2.27	0.67	0.56

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)											
0.68	0.73	0.67	0.63	0.66	0.91	1.92	2.52	1.92	1.01	0.51	0.45
0.05	0.05	0.04	0.04	0.04	0.08	0.14	0.03	0.12	0.14	0.14	0.14
0.23	0.22	0.21	0.20	0.20	0.28	0.37	0.17	0.35	0.38	0.37	0.37
-0.33	-0.54	0.52	0.34	0.85	0.85	-0.27	-0.95	0.17	-0.05	-0.94	-1.68
0.33	0.31	0.31	0.32	0.29	0.31	0.20	0.07	0.18	0.37	0.73	0.83
5.43	5.76	5.29	5.02	5.26	7.19	15.2	20.0	15.3	8.04	4.03	3.55

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
53.4	281	16.8	-0.36	0.31	0.143

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.70	0.02	0.16	-0.80	0.09	0.128

09245500 NORTH FORK ELKHEAD CREEK NEAR ELKHEAD, COLO.

LOCATION.--Lat 40°40'50", long 107°17'12", in SE¼NW¼ sec.5, T.8 N., R.88 W., Routt County, on right bank 70 ft (21 m) upstream from small tributary, 0.8 mi (1.3 km) upstream from mouth, and 13 mi (21 km) north of Hayden.

DRAINAGE AREA.--21 mi² (54 km²), approximately.

REMARKS.--Diversions above station for irrigation of about 100 acres (404,700 m²) of hay meadows.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
NORTH FORK ELKHEAD CREEK NEAR ELKHEAD, 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	
1959	2							12	22	8	5	14	95	66	39	7	10	15	6	9	5	3	12	11	4	3	13	4								
1960	54							5	3	2	7	6	2	4	71	78	30	10	4	6	9	4	8	12	17	12	8	10	4							
1961	39							7	13	11	7	10	38	89	35	31	17	8	3	4	7	7	8	5	9	12	5									
1962	29							10	14	6	5	5	3	6	117	57	19	4	7	3	10	5	9	7	17	2	5	5	13	7						
1963	15							7	8	5	11	65	80	8	21	48	4	6	8	7	13	13	8	12	3	8	8	7								
1964								5	24	26	10	23	70	53	12	7	4	5	7	6	7	11	8	8	7	4	4	5	3	4						
1965								7	6	51	117	36	15	14	16	16	8	3	6	3	3	4	6	15	21	5	6	7								
1966	46							7	13	9	8	3	5	21	117	27	14	15	4	2	5	3	12	16	14	18	5	1								
1967		1						8	10	12	14	18	66	58	39	20	7	10	14	4	6	10	21	15	11	7	10	4								
1968								1	3	10	8	17	52	53	90	25	5	7	5	11	12	8	4	5	10	10	7	13	5							
1969										4	10	27	123	48	16	16	14	5	2	6	16	16	6	7	12	12	10	3	7	1	4					
1970										4	20	8	25	19	109	80	3	13	10	2	3	5	3	8	7	6	15	5	8	2	8	2				
1971								2	9	15	18	20	12	9	56	105	12	6	4	2	6	4	6	6	7	26	20	14	5	1						
1972	2			2				4	3	18	31	14	26	6	68	73	7	5	10	5	17	6	10	16	29	13	1									
1973										2	11	31	101	72	15	20	23	9	4	10	4	5	5	5	18	5	8	7	8	2						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	187	5479	100.0	12	0.9	745	4508	82.3	24	45	154	662	12.0
1	0.01	1	5292	96.6	13	1.3	577	3763	68.7	25	62	169	508	9.2
2	0.02	0	5291	96.6	14	1.8	918	3186	58.1	26	85	140	339	6.1
3	0.03	2	5291	96.6	15	2.4	608	2268	41.4	27	120	77	199	3.6
4	0.05	0	5289	96.5	16	3.4	185	1660	30.3	28	160	68	122	2.2
5	0.06	0	5289	96.5	17	4.6	147	1475	26.9	29	230	34	54	.9
6	0.09	0	5289	96.5	18	6.4	99	1328	24.2	30	310	18	20	.3
7	0.10	68	5289	96.5	19	8.9	75	1229	22.4	31	430	2	2	
8	0.20	122	5221	95.3	20	12.0	131	1154	21.1	32				
9	0.30	137	5099	93.1	21	17.0	98	1023	18.7	33				
10	0.50	162	4962	90.6	22	23.0	126	925	16.9	34				
11	0.70	292	4800	87.6	23	32.0	137	799	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
NORTH FORK ELKHEAD CREEK NEAR ELKHEAD, CO.

YEAR	1	3	7	15	30	60	90	120	183
1959	142.0 11	135.0 12	121.0 12	111.0 10	84.0 11	53.0 14	38.0 14	29.0 14	19.0 14
1960	174.0 9	169.0 9	151.0 9	115.0 9	97.0 9	83.0 9	62.0 9	47.0 9	32.0 9
1961	107.0 14	96.0 14	83.0 14	79.0 14	66.0 14	42.0 15	29.0 15	23.0 15	15.0 15
1962	301.0 5	266.0 5	251.0 4	211.0 5	179.0 3	113.0 5	81.0 6	61.0 6	41.0 6
1963	140.0 12	136.0 11	129.0 10	110.0 11	86.0 10	55.0 12	41.0 13	31.0 13	21.0 13
1964	338.0 3	333.0 2	299.0 2	235.0 3	156.0 7	94.0 8	66.0 8	50.0 8	33.0 8
1965	291.0 6	261.0 6	233.0 6	177.0 7	161.0 4	121.0 3	86.0 3	65.0 4	43.0 4
1966	125.0 13	102.0 13	86.0 13	80.0 13	70.0 13	57.0 10	42.0 11	33.0 12	22.0 12
1967	148.0 10	142.0 10	127.0 11	105.0 12	83.0 12	57.0 11	46.0 10	36.0 10	24.0 10
1968	278.0 7	251.0 7	218.0 7	194.0 6	157.0 6	116.0 4	82.0 5	63.0 5	42.0 5
1969	390.0 2	315.0 3	234.0 5	215.0 4	160.0 5	103.0 7	76.0 7	58.0 7	39.0 7
1970	433.0 1	409.0 1	404.0 1	333.0 1	235.0 1	151.0 1	107.0 1	81.0 1	54.0 1
1971	251.0 8	211.0 8	164.0 8	151.0 8	123.0 8	107.0 6	86.0 4	66.0 3	44.0 3
1972	89.0 15	81.0 15	71.0 15	68.0 15	62.0 15	53.0 13	41.0 12	33.0 11	22.0 11
1973	322.0 4	283.0 4	256.0 3	252.0 2	187.0 2	126.0 2	88.0 2	68.0 2	45.0 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
NORTH FORK ELKHEAD CREEK NEAR ELKHEAD, CO.

YEAR	1	3	7	14	30	60	90	120	183
1960	0.00 1	0.04 7	0.12 7	0.12 6	0.25 6	0.37 5	0.88 9	1.60 12	2.10 13
1961	0.00 2	0.00 1	0.00 1	0.00 1	0.00 1	0.02 1	0.21 2	0.49 2	0.86 4
1962	0.00 3	0.00 2	0.00 2	0.00 2	0.03 3	0.12 3	0.37 3	1.10 10	1.40 9
1963	0.00 4	0.00 3	0.00 3	0.00 3	0.03 4	0.12 4	0.38 4	0.51 3	0.65 1
1964	0.00 5	0.00 4	0.00 4	0.01 5	0.13 5	0.69 10	0.94 10	1.00 7	1.10 5
1965	0.10 9	0.10 8	0.13 8	0.17 7	0.31 7	0.39 6	0.44 5	0.64 4	0.85 3
1966	0.51 14	0.57 14	0.64 14	0.77 14	1.10 14	1.40 14	2.00 14	2.00 14	2.10 14
1967	0.00 6	0.00 5	0.00 5	0.00 4	0.01 2	0.06 2	0.18 1	0.47 1	0.80 2
1968	0.01 8	0.14 9	0.18 9	0.22 9	0.32 8	0.58 9	0.76 8	0.89 5	1.20 8
1969	0.15 10	0.20 11	0.30 11	0.41 11	0.60 11	0.93 11	0.99 11	1.10 8	1.10 6
1970	0.39 12	0.42 12	0.52 13	0.76 13	0.93 13	1.10 13	1.40 13	1.60 11	1.80 11
1971	0.45 13	0.46 13	0.50 12	0.51 12	0.64 12	0.98 12	1.30 12	1.70 13	1.90 12
1972	0.17 11	0.19 10	0.22 10	0.25 10	0.35 10	0.52 8	0.71 7	1.10 9	1.50 10
1973	0.00 7	0.01 6	0.07 6	0.20 8	0.34 9	0.47 7	0.62 6	0.91 6	1.20 7

09245500 NORTH FORK ELKHEAD CREEK NEAR ELKHEAD, 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)											
1.75	1.78	1.71	1.72	1.83	4.31	42.7	112	34.5	2.53	0.62	0.98
0.74	0.41	0.31	0.31	0.30	8.88	1150	2415	589	3.77	0.26	0.47
0.86	0.64	0.56	0.56	0.54	2.98	33.9	49.1	24.3	1.94	0.51	0.68
1.37	1.12	-0.23	-0.07	0.08	1.56	1.14	0.88	0.56	0.71	0.55	0.78
0.49	0.36	0.33	0.33	0.30	0.69	0.79	0.44	0.70	0.77	0.81	0.69
0.85	0.86	0.83	0.83	0.89	2.09	20.7	54.2	16.7	1.22	0.30	0.48

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)											
0.20	0.23	0.21	0.21	0.24	0.55	1.50	2.01	1.43	0.23	-0.48	-0.14
0.04	0.02	0.03	0.02	0.02	0.08	0.12	0.03	0.11	0.21	0.49	0.16
0.19	0.15	0.16	0.15	0.14	0.28	0.34	0.19	0.34	0.45	0.70	0.40
0.47	0.18	-0.62	-0.50	-0.33	0.26	0.24	0.24	-0.03	-0.76	-1.82	-0.87
0.97	0.66	0.77	0.74	0.55	0.50	0.23	0.09	0.24	1.96	-1.45	-2.85
3.24	3.67	3.35	3.40	3.95	8.89	24.3	32.5	23.0	3.75	-7.83	-2.27

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
17.3	36.1	6.01	0.06	0.35	-0.071

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.21	0.03	0.16	-0.34	0.13	-0.150

09246500 ELKHEAD CREEK NEAR CRAIG, COLO.

LOCATION.--Lat 40°31'52", long 107°26'08", in SW4SE4 sec.25, T.7 N., R.90 W., Moffat County, 0.7 mi (1.1 km) upstream from mouth and 5.8 mi (9.3 km) east of Craig.

DRAINAGE AREA.--249 mi² (645 km²).

REMARKS.--Diversions above station for irrigation of about 1,700 acres (6.88 km²), most of which are above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ELKHEAD CREEK NEAR CRAIG, 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																																			
1911	34	1	19					3		1	4	1	123	27	3	13	13	5	1	1	3	8	41	7	6	12	13	9	11	5	1				
1912									28	21	8	143	33	4	16	5	6	6	4	7	8	7	7	8	10	5	11	7	12	9	1				
1913			36					37	13	49	63	29	13	6	7	3	7	4	3	1	44	2	6	10	4	6	15	6	1						
1914									16	35	47	130	3	11	1	4	4	4	19	5	12	13	7	18	13	9	12	2							
1915							18	36	31	117	8	9	19	6	2	27	3	3	6	3	12	14	23	11	10	7									
1916				1				7	17	30		23	4	134			7	8	1	7	2	34	1	7	14	9	3	15	22	6	7	7			
1917		2		4	8	13		6	7	2	3	7	9	134	2		6	11	1	8	36	5	3	2	3	3	28	6	8	14	21	13			
1918	13	7		32	5		17	15	26	10	35	34	40	5			9	1	2		16	20	2	3	9	17	12	15	10	4	6				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	47	2922	100.0	12	4.5	76	2178	74.5	24	150	70	597	20.4
1	0.10	2	2875	98.4	13	6.0	751	2102	71.9	25	200	80	527	18.0
2	0.20	8	2873	98.3	14	8.1	211	1351	46.2	26	270	99	447	15.2
3	0.30	4	2965	98.0	15	11.0	19	1140	39.0	27	360	89	348	11.9
4	0.40	96	2861	97.9	16	14.0	88	1121	38.4	28	490	98	259	8.8
5	0.60	18	2765	94.6	17	19.0	48	1033	35.4	29	650	64	161	5.5
6	0.80	0	2747	94.0	18	26.0	24	985	33.7	30	870	54	97	3.3
7	1.00	88	2747	94.0	19	35.0	57	961	32.9	31	1200	32	33	1.1
8	1.40	39	2659	91.0	20	47.0	69	904	30.9	32	1600	1	1	
9	1.90	136	2620	89.7	21	63.0	77	835	28.6	33				
10	2.50	103	2484	85.0	22	84.0	91	758	25.9	34				
11	3.30	203	2381	81.5	23	110.0	70	667	22.8					

09246500 ELKHEAD CREEK NEAR CRAIG, 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
ELKHEAD CREEK NEAR CRAIG, CO.

YEAR	1	3	7	15	30	60	90	120	183
1911	1220.0 5	1170.0 5	1000.0 5	868.0 5	728.0 5	512.0 5	394.0 5	323.0 5	216.0 5
1912	1760.0 1	1610.0 1	1510.0 1	1340.0 1	1090.0 2	731.0 2	546.0 2	416.0 2	276.0 2
1913	904.0 7	808.0 7	670.0 8	604.0 8	561.0 7	370.0 8	280.0 8	219.0 8	145.0 8
1914	1270.0 4	1230.0 4	1000.0 6	966.0 4	809.0 4	618.0 4	480.0 4	384.0 4	256.0 4
1915	832.0 8	774.0 8	710.0 7	632.0 7	523.0 8	406.0 7	327.0 7	255.0 7	170.0 7
1916	1290.0 3	1270.0 3	1170.0 3	995.0 3	853.0 3	662.0 3	504.0 3	397.0 3	266.0 3
1917	1550.0 2	1500.0 2	1450.0 2	1250.0 2	1160.0 1	930.0 1	731.0 1	573.0 1	383.0 1
1918	1170.0 6	1090.0 6	1000.0 4	793.0 6	626.0 6	461.0 6	362.0 6	284.0 6	189.0 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
ELKHEAD CREEK NEAR CRAIG, CO.

YEAR	1	3	7	14	30	60	90	120	183
1911	0.00 1	0.00 1	0.00 1	0.11 2	0.41 2	1.60 4	1.70 2	3.00 2	4.90 4
1912	0.00 2	0.00 2	0.00 2	0.00 1	0.00 1	0.36 1	5.40 6	6.10 7	6.10 6
1913	1.00 6	1.00 7	1.90 7	2.20 7	2.30 6	2.40 6	3.10 5	3.70 5	3.70 2
1914	0.50 4	0.50 4	0.50 4	0.50 4	0.50 3	1.30 3	2.00 3	3.20 3	5.50 5
1915	3.00 8	3.00 8	3.00 8	3.20 8	3.50 7	4.20 7	5.50 7	6.00 6	6.90 7
1916	1.00 7	1.00 5	1.00 5	1.00 5	1.40 5	1.90 5	2.70 4	3.60 4	4.50 3
1917	0.50 5	1.00 6	1.10 6	1.40 6	4.90 8	6.00 8	6.30 8	6.50 8	11.00 8
1918	0.10 3	0.17 3	0.27 3	0.44 3	0.64 4	1.00 2	1.50 1	2.00 1	3.00 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)											
11.6	6.57	6.00	6.12	6.62	84.9	382	671	259	17.9	3.69	2.60
93.6	6.31	4.29	2.98	2.55	1374	9376	62860	66970	338	15.2	7.75
9.67	2.51	2.07	1.73	1.60	37.1	96.8	251	259	18.4	3.89	2.78
1.61	0.06	0.64	1.74	1.66	-0.83	0.26	-0.27	2.23	2.34	1.84	1.75
0.84	0.38	0.35	0.28	0.24	0.44	0.25	0.37	1.00	1.03	1.05	1.07
0.79	0.45	0.41	0.42	0.45	5.82	28.2	46.1	17.8	1.23	0.25	0.18

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)											
0.93	0.78	0.75	0.77	0.81	1.87	2.57	2.79	2.25	1.11	0.35	0.10
0.14	0.04	0.02	0.01	0.01	0.07	0.01	0.04	0.17	0.13	0.25	0.53
0.38	0.20	0.16	0.11	0.09	0.27	0.11	0.19	0.41	0.36	0.50	0.73
-0.31	-1.25	-0.47	0.84	1.33	-1.59	-0.24	-0.87	-0.36	0.56	-0.31	-1.54
0.41	0.25	0.21	0.14	0.12	0.14	0.04	0.07	0.18	0.33	1.46	7.40
6.16	5.19	5.00	5.13	5.38	12.4	17.0	18.5	14.9	7.34	2.29	0.65

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
122	1499	38.7	0.87	0.32	-0.335

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.07	0.02	0.13	0.20	0.07	-0.392

09246900 FORTIFICATION CREEK NEAR CRAIG, COLO.

LOCATION.--Lat 40°45'23", long 107°32'45", in NE¼NE¼ sec.12, T.9 N., R.91 W., Moffat County, on left bank at Fortification Rocks, 250 ft (76 m) upstream from unnamed tributary, and 17 mi (27 km) north of Craig.

DRAINAGE AREA.--34.3 mi² (88.8 km²).

REMARKS.--Diversions for irrigation of a few hundred acres above station.

09246900 FORTIFICATION CREEK NEAR GRAIG, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FORTIFICATION CREEK NEAR, CRAIG, CO.

CLASS YEAR	NUMBER OF DAYS IN CLASS																																			
	0	1	2	3	4	5	6	7	8	9	10	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	52	7	7	2	3	10	9	10	5	2	31	35	58	19	11	10	5	1	5	5	3	5	9	14	14	22	11	1								
1957	5	1	5	1	6	6	5	16	21	26	36	72	20	10	6	1	3	4	6	10	4	2	7	8	12	6	11	17	17	12	7	2				
1958	28	6	4	2	3	3	2	7	28	14	9	4	35	48	40	4	39	9	3	3	9	5	2	2	5	2	3	10	11	24	1					
1959	59	1	2	1	3	1	6	9	23	15	9	109	35	3	2	3	5	13	11	9	14	13	5	7	10	1	2									
1960	73	6	4	2	3	1	2	2		24	35	48	9	30	8	10	5	3	4	2	8	13	9	20	14	4	13	4	5	5						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	211	1827	100.0	12	2.1	157	912	49.9	24	29	55	246	13.4
1	0.10	21	1616	88.5	13	2.6	110	755	41.3	25	36	35	191	10.4
2	0.20	22	1595	87.3	14	3.3	67	645	35.3	26	44	40	156	8.5
3	0.30	8	1573	86.1	15	4.1	28	578	31.6	27	55	32	116	6.3
4	0.40	18	1565	85.7	16	5.0	57	550	30.1	28	69	33	84	4.5
5	0.50	21	1547	84.7	17	6.3	30	493	27.0	29	85	41	51	2.7
6	0.60	24	1526	83.5	18	7.8	29	463	25.3	30	110	8	10	.5
7	0.70	44	1502	82.2	19	9.7	29	434	23.8	31	130	2	2	.1
8	0.90	77	1458	79.8	20	12.0	38	405	22.2	32				
9	1.10	81	1381	75.6	21	15.0	38	367	20.1	33				
10	1.40	120	1300	71.2	22	19.0	32	329	18.0	34				
11	1.70	268	1180	64.6	23	23.0	51	297	16.3					

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FORTIFICATION CREEK NEAR, CRAIG, CO.

YEAR	1	3	7	15	30	60	90	120	183									
1956	55.0	4	51.0	4	45.0	4	40.0	4	39.0	4	34.0	4	29.0	4	23.0	4	16.0	4
1957	178.0	1	138.0	1	113.0	1	97.0	1	87.0	2	76.0	1	64.0	1	53.0	1	36.0	1
1958	110.0	2	105.0	2	102.0	2	96.0	2	94.0	1	73.0	2	52.0	2	40.0	2	27.0	2
1959	47.0	5	43.0	5	36.0	5	32.0	5	27.0	5	20.0	5	16.0	5	13.0	5	8.9	5
1960	104.0	3	96.0	3	79.0	3	57.0	3	43.0	3	42.0	3	36.0	3	29.0	3	19.0	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
FORTIFICATION CREEK NEAR, CRAIG, CO.

YEAR	1	3	7	14	30	60	90	120	183							
1957	0.00	1	0.00	1	0.00	1	0.00	1	0.12	2	0.20	1	0.34	1	0.71	1
1958	0.00	2	0.00	2	0.07	4	0.53	4	1.10	4	1.90	4	2.50	4	2.50	4
1959	0.00	3	0.00	3	0.00	2	0.00	2	0.02	3	0.27	3	0.51	2	0.65	2
1960	0.00	4	0.00	4	0.00	3	0.00	3	0.10	1	0.58	3	1.30	3	1.70	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)											
2.33	2.61	1.97	1.95	2.11	10.6	29.5	51.3	29.0	4.09	0.49	0.54
2.78	1.07	0.21	0.10	0.63	63.5	82.8	784	1013	64.4	0.56	0.26
1.67	1.03	0.46	0.32	0.79	7.97	9.10	28.0	31.8	8.02	0.75	0.51
0.39	-0.44	0.28	-0.08	2.05	1.09	-2.23	0.93	2.02	2.23	2.08	-0.12
0.71	0.40	0.23	0.16	0.38	0.75	0.31	0.55	1.10	1.96	1.53	0.93
1.71	1.91	1.45	1.43	1.54	7.78	21.6	37.5	21.2	3.00	0.36	0.40

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)											
0.26	0.38	0.29	0.29	0.30	0.92	1.45	1.66	1.30	-0.04	-0.38	-0.31
0.13	0.04	0.01	0.01	0.02	0.13	0.03	0.06	0.16	0.60	0.26	0.36
0.36	0.20	0.10	0.07	0.14	0.37	0.18	0.23	0.39	0.77	0.51	0.60
-0.14	-0.77	-0.04	-0.53	1.90	-0.40	-2.23	0.28	1.27	1.64	0.22	-2.10
1.36	0.51	0.36	0.26	0.46	0.40	0.12	0.14	0.30	-19.9	-1.33	-1.93
4.28	6.28	4.68	4.68	4.97	15.0	23.7	27.1	21.2	-0.63	-6.22	-5.06

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
11.4	27.8	5.27	0.29	0.46	-0.124

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.02	0.05	0.22	-0.50	0.22	-0.173

09247000 FORTIFICATION CREEK AT CRAIG, COLO.

LOCATION.--Lat 40°30'51", long 107°32'27", in SW¼SW¼ sec.31, T.7 N., R.90 W., Moffat County, at bridge on U.S. Highway 40 in Craig and 1.3 mi (2.1 km) upstream from mouth.

DRAINAGE AREA.--258 mi² (668 km²).

REMARKS.--Diversions above station for irrigation of about 2,500 acres (10.1 km²) above and below station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FORTIFICATION CREEK AT CRAIG, 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																																			
1911	78				13		3				1	5	11	17	32	45	34	3	2	4	7	8	21	14	13	19	13	7	4	9	2					
1914	34				5	37					8	14	14	13	75	31	11	3	1	2		2	4	3	1	9	12	27	23	15	9	11	1			
1915	88						12				9	10	4	19	96		2	5	3	3	2	2	3	2	26	16	15	22	14	10	4					
1916	16	18	4		2	12	36			8	34	9	62	4	5	4	30	2	4	5	1	6	2	10	15	11	8	29	11	6	9	3				
1917	46	2			14		2	4		7	5	2	1		3	113	22	5	4		2	4	1	1	2	5	6	39	24	21	18	12				
1918	88		2	9	3	15	4	5		6	37	5	35	3		1	2	32	4	1	2	9	10	21	19	12	10	19	5	4	2					
1944	202	2	3	3	3	4	3	2	1	2	4	4	4	2	8	20	7	6	12	7	5	7	8	2	6	2	5	13	8	5	5	1				
1945	119	3	5	2	1	7	5	7	26	5	31	2	2	2	1		31		1	14	11	7	4	2	8	10	9	8	13	12	11	6				
1946	80	4	3	10	5	1	2	5	9	37	46	54	15	5	1	6	4	4	1		1	33	8	7	8	2	3	10	1							
1947	59	3		2	3	5	1	2	17	7	7	39	38	22	35	9	3	1	1	3	2	9	10	6	12	15	14	11	9	5	7	8				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	810	3652	100.0	12	3.3	186	2093	57.3	24	84	100	773	21.1
1	0.10	32	2842	77.8	13	4.3	87	1907	52.2	25	110	100	673	18.4
2	0.20	17	2810	76.9	14	5.7	256	1820	49.8	26	140	102	573	15.6
3	0.30	26	2793	76.5	15	7.4	229	1564	42.8	27	190	177	471	12.8
4	0.40	17	2767	75.8	16	9.7	146	1335	36.6	28	250	108	294	8.0
5	0.50	76	2750	75.3	17	13.0	61	1189	32.6	29	320	81	186	5.0
6	0.70	11	2674	73.2	18	17.0	33	1128	30.9	30	420	63	105	2.8
7	0.90	110	2663	72.9	19	22.0	39	1095	30.0	31	550	41	42	1.1
8	1.10	62	2553	69.9	20	29.0	33	1056	28.9	32	730	1	1	
9	1.50	72	2491	68.2	21	37.0	88	1023	28.0	33				
10	1.90	182	2419	66.2	22	49.0	70	935	25.6	34				
11	2.50	144	2237	61.3	23	64.0	92	865	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
FORTIFICATION CREEK AT CRAIG, CO.

YEAR	1	3	7	15	30	60	90	120	183									
1911	500.0	7	453.0	7	429.0	7	335.0	7	234.0	7	166.0	8	158.0	7	129.0	8	88.0	8
1914	750.0	1	694.0	2	635.0	2	555.0	1	441.0	2	345.0	2	333.0	2	282.0	2	187.0	2
1915	398.0	9	340.0	9	285.0	9	253.0	9	226.0	8	183.0	7	165.0	6	135.0	6	91.0	6
1916	706.0	3	641.0	4	459.0	6	342.0	6	297.0	6	265.0	5	235.0	5	189.0	4	126.0	4
1917	711.0	2	707.0	1	646.0	1	525.0	2	445.0	1	409.0	1	373.0	1	329.0	1	221.0	1
1918	488.0	8	424.0	8	319.0	8	259.0	8	210.0	9	152.0	9	154.0	8	129.0	7	88.0	7
1944	568.0	6	529.0	6	483.0	5	383.0	5	319.0	5	204.0	6	145.0	9	111.0	9	74.0	9
1945	632.0	5	579.0	5	566.0	4	496.0	3	390.0	3	326.0	3	251.0	3	195.0	3	130.0	3
1946	268.0	10	254.0	10	235.0	10	206.0	10	147.0	10	97.0	10	72.0	10	55.0	10	37.0	10
1947	691.0	4	686.0	3	630.0	3	444.0	4	327.0	4	284.0	4	235.0	4	187.0	5	124.0	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
FORTIFICATION CREEK AT CRAIG, CO.

YEAR	1	3	7	14	30	60	90	120	183					
1911	0.00	1	0.00	1	0.00	1	0.88	7	0.90	4	1.00	5	2.30	6
1914	0.00	2	0.00	2	0.00	2	1.40	8	1.30	7	2.00	7	3.50	7
1915	0.00	3	0.00	3	0.00	3	0.07	7	0.79	6	2.30	8	4.40	8
1916	0.00	4	0.00	4	0.00	4	0.27	3	0.94	5	0.97	4	1.50	4
1917	0.00	5	0.00	5	0.00	5	0.47	9	5.70	9	4.40	9	8.50	9
1918	0.00	6	0.00	6	0.00	6	0.00	4	0.07	2	0.15	2	0.34	2
1945	0.00	7	0.00	7	0.00	7	0.00	6	0.00	5	0.00	1	0.00	1
1946	0.00	8	0.00	8	0.00	8	0.00	7	0.09	8	0.39	4	1.60	6
1947	0.00	9	0.00	9	0.00	9	0.00	8	0.00	6	0.40	5	0.43	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)											
5.30	3.54	4.17	4.30	6.91	161	181	239	101	6.16	2.15	0.29
74.0	9.67	9.15	8.32	18.9	13760	13470	13410	7157	59.1	11.1	0.33
8.60	3.11	3.03	2.88	4.34	117	116	116	84.6	7.69	3.34	0.57
2.29	0.85	-0.15	-0.06	0.28	0.04	1.15	-0.32	1.25	1.80	2.26	1.98
1.62	0.88	0.73	0.67	0.63	0.73	0.64	0.49	0.84	1.25	1.55	1.99
0.74	0.50	0.58	0.60	0.97	22.5	25.4	33.4	14.1	0.86	0.30	0.04

09247000 FORTIFICATION CREEK AT CRAIG, 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)											
0.35	0.44	0.54	0.53	0.73	1.98	2.17	2.31	1.76	0.49	0.06	-0.18
0.37	0.14	0.12	0.13	0.13	0.35	0.10	0.09	0.45	0.31	0.33	0.20
0.61	0.37	0.35	0.36	0.36	0.59	0.31	0.30	0.67	0.56	0.57	0.45
0.35	-0.23	-0.59	-0.79	-0.73	-1.11	-0.70	-1.56	-2.14	0.22	-0.19	-1.70
1.73	0.84	0.65	0.67	0.50	0.30	0.14	0.13	0.38	1.14	9.19	-2.49
3.15	3.96	4.79	4.79	6.51	17.7	19.4	20.6	15.8	4.36	0.56	-1.63

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
59.8	600	28.3	0.79	0.47	-0.167

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.73	0.05	0.22	-0.57	0.13	-0.223

09247500 YAMPA RIVER AT CRAIG, COLO.

LOCATION.--Lat 40°30'01", long 107°33'08", in SW¼SE¼ sec.1, T.6 N., R.91 W., Moffat County, at highway bridge 0.8 mi (1.3 km) downstream from Fortification Creek and 1.0 mi (1.6 km) south of Craig.

DRAINAGE AREA.--1,730 mi² (4,480 km²), approximately.

REMARKS.--Diversions above station for irrigation of about 48,000 acres (194 km²), mostly above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
YAMPA RIVER AT CRAIG, 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
1905					15	17	2	12	90	34	18	41	8	8	4	13	1	2	4	2	10	2	14	12	6	6	5	7	5	7	10	7	3		
1906						3		20	131	17	5	10	42	15	3	2	2	5	6	3	3	5	8	11	12	6	4	5	8	10	12	13	4		
1911						3	11	3	14	9	21	108	31	10	3	35	9	4	4	7	4	4	7	9	5	8	3	4	13	31	3	2			
1912								29	64	27	9	10	31	2	18	24	9	11	2	9	7	9	11	14	10	15	8	5	13	2	5	19	3		
1913		1		1		9		4	2	46	34	16	6	38	6	38	8	45	19	4	1	7	3	1	10	14	17	9	6	9	2				
1914										31	28	35	37	37	27	40	3	4	16	5	1	3		6	11	6	11	5	12	2	13	9	9	11	3
1915					1	2	8	26	2	4	85	32	17	4	7	44	16	10	6	4		4	4	9	10	11	30	15	10	4					
1916									91	66	7	15	7	4	61	6	7	12	5	2	4	4	2	4			3	15	14	19	11	5	2		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2922	100.0	12	290.0	166	1738	59.5	24	2000	74	648	22.1
1	50.00	1	2922	100.0	13	340.0	156	1572	53.8	25	2400	71	574	19.6
2	59.00	0	2921	100.0	14	400.0	101	1416	48.5	26	2800	83	503	17.2
3	69.00	1	2921	100.0	15	480.0	227	1315	45.0	27	3300	60	420	14.3
4	81.00	1	2920	99.9	16	560.0	75	1068	37.2	28	3800	79	360	12.3
5	95.00	29	2819	99.9	17	660.0	97	1013	34.7	29	4500	75	281	9.6
6	110.00	39	2890	98.9	18	770.0	73	916	31.3	30	5300	71	206	7.0
7	130.00	35	2851	97.6	19	900.0	46	843	28.9	31	6200	49	135	4.6
8	150.00	50	2816	96.4	20	1100.0	15	797	27.3	32	7300	41	86	2.9
9	180.00	431	2766	94.7	21	1200.0	44	782	26.8	33	8600	39	46	1.5
10	210.00	349	2335	79.9	22	1500.0	32	738	25.3	34	10000	6	6	.2
11	250.00	248	1986	68.0	23	1700.0	58	706	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
YAMPA RIVER AT CRAIG, CO.

YEAR	1	3	7	15	30	60	90	120	183									
1905	9000.0	5	8340.0	5	8240.0	3	7410.0	4	6780.0	4	4990.0	5	3970.0	5	3160.0	5	2190.0	5
1906	9680.0	3	8540.0	4	8210.0	4	7730.0	3	7320.0	3	5970.0	3	4820.0	3	3900.0	3	2680.0	3
1911	8320.0	6	7270.0	6	5790.0	6	5240.0	6	4850.0	6	4560.0	6	3590.0	6	2940.0	6	2060.0	6
1912	10300.0	1	10100.0	1	9920.0	1	9300.0	2	8770.0	1	8700.0	1	5470.0	1	4620.0	1	3320.0	1
1913	6650.0	7	5730.0	7	5540.0	7	4760.0	7	4460.0	7	3890.0	7	3240.0	7	2500.0	7	1820.0	7
1914	10300.0	2	10100.0	2	9710.0	2	9380.0	1	8280.0	2	6610.0	2	5370.0	2	4330.0	2	3020.0	2
1915	5150.0	8	4670.0	8	4020.0	8	3890.0	8	3590.0	8	3340.0	8	3060.0	8	2500.0	8	1750.0	8
1916	9410.0	4	8930.0	3	7930.0	5	6640.0	5	5880.0	5	5730.0	4	4570.0	4	3610.0	4	2530.0	4

09247500 YAMPA RIVER AT CRAIG, 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
YAMPA RIVER AT CRAIG, CO.

YEAR	1	3	7	14	30	60	90	120	183
1906	100.00 5	100.00 5	100.00 2	112.00 2	123.00 1	135.00 1	158.00 1	167.00 1	178.00 1
1911	72.00 2	80.00 2	103.00 3	119.00 5	151.00 4	163.00 2	191.00 3	214.00 3	234.00 3
1912	95.00 4	95.00 3	109.00 4	115.00 3	150.00 3	201.00 5	220.00 4	230.00 4	272.00 5
1913	200.00 6	200.00 6	200.00 6	200.00 6	202.00 6	215.00 6	260.00 7	320.00 7	459.00 7
1914	50.00 1	72.00 1	85.00 1	101.00 1	154.00 5	200.00 4	225.00 5	260.00 5	253.00 4
1915	225.00 7	225.00 7	225.00 7	225.00 7	225.00 7	225.00 7	234.00 6	278.00 6	369.00 6
1916	85.00 3	95.00 4	109.00 5	119.00 4	130.00 2	165.00 3	181.00 2	192.00 2	195.00 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)											
391	337	244	216	214	444	2246	5096	5033	1233	430	300
47220	28940	2484	448	477	6741	214000	1566000	2363000	484600	78310	34080
217	170	49.8	21.2	21.8	82.1	463	1252	1537	696	280	185
0.67	1.88	1.47	1.36	1.62	-1.03	0.16	-0.21	-0.61	1.98	1.31	1.42
0.56	0.50	0.20	0.10	0.10	0.19	0.21	0.25	0.31	0.56	0.65	0.61
2.42	2.08	1.51	1.34	1.32	2.74	13.9	31.5	31.1	7.62	2.66	1.86

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)											
2.53	2.49	2.38	2.33	2.33	2.64	3.34	3.69	3.68	3.04	2.56	2.41
0.06	0.03	0.01	0.00	0.00	0.01	0.01	0.01	0.02	0.04	0.07	0.06
0.24	0.18	0.08	0.04	0.04	0.09	0.09	0.11	0.15	0.21	0.27	0.25
0.23	1.19	1.04	1.24	1.54	-1.17	-0.14	-0.67	-1.12	0.81	0.19	0.50
0.10	0.07	0.03	0.02	0.02	0.03	0.03	0.03	0.04	0.07	0.11	0.10
7.58	7.45	7.12	6.98	6.96	7.89	10.00	11.0	11.0	9.10	7.65	7.22

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1350	78200	280	0.68	0.21	-0.788

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
3.12	0.01	0.09	0.43	0.03	-0.811

09248500 EAST FORK OF WILLIAMS FORK NEAR WILLOW CREEK, COLO.

LOCATION.--Lat 40°13'21", long 107°15'58", in NW¼NW¼ sec.22, T.3 N., R.88 W., Routt County, 0.6 mi (1.0 km) downstream from Poose Creek and 7 mi (11 km) southeast of Willow Creek.

DRAINAGE AREA.--96 mi² (249 km²), approximately.

REMARKS.--Diversions above station for irrigation of about 700 acres (2.83 km²).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
EAST FORK OF WILLIAMS FORK NR WILLOW 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																																			
1944	2	75	114	37	18	12	10	6	5	6	4	4	4	1	1	4	2	2	1	2	2	4	7	4	6	9	10	9	4	1						
1945	4	85	90	18	4	18	10	10	7	6	3	3	7	4	4	9	2	3	4	2	3	6	8	14	11	13	7	8	2							
1946	3	43	38	31	49	53	20	11	7	11	5	5	4	3	3	7	2	5	4	11	14	10	13	4	3	1	2	3								
1947	31	67	40	7	17	15	17	16	13	13	7	6	9	7	6	7	1	2	3	2	5	2	1	1	4	8	8	11	15	8	7	5	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	65.0	18	403	27.6	24	260	23	182	12.4
1	18.00	40	1461	100.0	13	73.0	24	385	26.4	25	290	24	159	10.8
2	20.00	270	1421	97.3	14	82.0	15	361	24.7	26	330	31	135	9.2
3	23.00	282	1151	78.8	15	92.0	14	346	23.7	27	370	27	104	7.1
4	26.00	93	869	59.5	16	100.0	27	332	22.7	28	420	31	77	5.2
5	29.00	88	776	53.1	17	120.0	7	305	20.9	29	470	21	46	3.1
6	32.00	98	688	47.1	18	130.0	12	298	20.4	30	530	9	25	1.7
7	36.00	57	590	40.4	19	150.0	12	286	19.6	31	590	7	16	1.0
8	41.00	43	533	36.5	20	160.0	17	274	18.8	32	670	5	9	.6
9	46.00	32	490	33.5	21	180.0	24	257	17.6	33	750	2	4	.2
10	51.00	36	458	31.3	22	210.0	22	233	15.9	34	840	2	2	.1
11	58.00	19	422	28.9	23	230.0	29	211	14.4					

09248500 EAST FORK OF WILLIAMS FORK NEAR WILLOW 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
EAST FORK OF WILLIAMS FORK NR WILLOW CREEK, CO.

YEAR	1	3	7	15	30	60	90	120	183
1944	548.0 2	484.0 2	458.0 2	420.0 2	402.0 2	339.0 2	251.0 3	197.0 3	138.0 3
1945	519.0 3	474.0 3	427.0 3	388.0 3	356.0 3	336.0 3	279.0 2	229.0 2	162.0 2
1946	460.0 4	443.0 4	401.0 4	334.0 4	279.0 4	240.0 4	198.0 4	162.0 4	118.0 4
1947	860.0 1	833.0 1	771.0 1	644.0 1	579.0 1	523.0 1	425.0 1	340.0 1	239.0 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
EAST FORK OF WILLIAMS FORK NR WILLOW CREEK, CO.

YEAR	1	3	7	14	30	60	90	120	183
1945	18.00 1	19.00 1	20.00 2	21.00 3	21.00 2	22.00 2	22.00 2	22.00 2	23.00 1
1946	18.00 2	19.00 2	20.00 3	20.00 2	21.00 3	22.00 3	23.00 3	24.00 3	28.00 3
1947	19.00 3	19.00 3	19.00 1	19.00 1	19.00 1	20.00 1	21.00 1	21.00 1	25.00 2

09248600 EAST FORK OF WILLIAMS FORK ABOVE WILLOW CREEK, COLO.

LOCATION.--Lat 40°15'40", long 107°17'40", in SW¼NE¼ sec.5, T.3 N., R.88 W., Routt County, on right bank 3.8 mi (6.1 km) upstream from Willow Creek and 16 mi (26 km) south of Hayden.

DRAINAGE AREA.--108 mi² (280 km²).

REMARKS.--Diversions for irrigation of about 800 acres (3.24 km²) above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
EAST FORK OF WILLIAMS FORK AB WILLOW CREEK, 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			
1957						31108	42	10	2	1	1	3	9	14	5	7	12	8	7	6	7	4	7	12	5	7	7	5	8	9	5	13	10					
1958								26	84	42	69	30	20	6	9	7	6	1	5	5		4	2	5	2	2	6	7	6	5	10	3	3					
1959					14	41	48	39	50	27	22	20	8	8	4	10	2	2	3	5	4	10	7	8	7	15	6	5										
1960					1	8	70	69	22	28	30	17	12	7	3	6	7	4	14	10	2	7	5	5	4	10	11	4	5	5								
1961					8	11	37	76	67	31	16	11	12	10	10	9	9	2	4	5	5	7	2	4	1	4	9	10	4	1								
1962					1	2	27	37	43	53	25	19	11	15	11	17	10	2	2	5	2	3	3	6	8	20	16	10	8	1	2	2	4					
1963					4	6	36	93	65	48	9	12	14	9	7	8	11	3	7	3	5	4	2	10	4	2	2	1										
1964					11113	30	20	40	11	8	5	11	11	14	11	8	10	2	6	5		2	6	6	4	3	9	7	6	7								
1965					9	23	63	62	33	10	8	6	14	7	14	12	5	5	15	7	6	7	8	7	8	3	7	6	10	3	6	1						
1966					5	20	20	7	23	60	67	41	10	20	8	14	12	8	4	2	3	3	5	9	6	11	2	5										
1967		2	1	3	50	72	21	8	30	23	18	5	8	24	9	13	3	8	6	4	7	2	5	2	11	4	8	8	5	2	3							
1968					1	19	82	84	25	23	14	12	5	13	10	4	3	5	8	9	5	8	2	2	2	3	7	9	1	4	4	1	1					
1969						30	37	79	32	29	23	10	14	4	8	12	8	2	2	8	3	13	6	12	4	8	12	6	3									
1970					1	36	31	41	25	13	32	42	29	9	10	5	5	9	4	2	3	3	7	3	4	4	8	19	9	3	3	2	3					
1971					5	9	26	30	30	53	46	21	20	6	8	3	6	4	14	10	3	8	5	12	3	8	6	11	15	3								
1972								63	65	58	48	23	12	12	5	6	8	6	6	5	4	9	6	6	4	3	14	2	1									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5844	100.0	12	49.0	252	2200	37.6	24	270	121	724	12.3
1	10.00	2	5844	100.0	13	56.0	203	1948	33.3	25	320	64	603	10.3
2	12.00	1	5842	100.0	14	65.0	158	1745	29.9	26	360	106	539	9.2
3	13.00	9	5841	99.9	15	75.0	135	1587	27.2	27	420	117	433	7.4
4	15.00	81	5832	99.8	16	86.0	125	1452	24.8	28	490	119	316	5.4
5	18.00	315	5751	98.4	17	100.0	118	1327	22.7	29	560	79	197	3.3
6	21.00	346	5436	93.0	18	120.0	58	1209	20.7	30	650	45	118	2.0
7	24.00	560	5090	87.1	19	130.0	102	1151	19.7	31	750	30	73	1.2
8	27.00	823	4530	77.5	20	150.0	96	1049	18.0	32	860	22	43	.7
9	32.00	632	3707	63.4	21	180.0	56	953	16.3	33	1000	21	21	.3
10	36.00	502	3075	52.6	22	200.0	107	897	15.3	34	1200			
11	42.00	373	2573	44.0	23	240.0	66	790	13.5					

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

YEAR	1	3	7	15	30	60	90	120	183
1957	1170.0 1	1110.0 1	1070.0 1	979.0 1	927.0 1	739.0 1	597.0 1	486.0 1	343.0 1
1958	1050.0 4	1030.0 4	950.0 3	874.0 2	751.0 2	543.0 2	395.0 4	307.0 4	219.0 6
1959	540.0 14	512.0 14	473.0 14	427.0 14	397.0 14	338.0 12	263.0 11	211.0 12	152.0 12
1960	704.0 10	696.0 8	661.0 8	572.0 8	486.0 9	380.0 9	307.0 7	249.0 7	177.0 7
1961	668.0 12	634.0 11	594.0 10	544.0 10	475.0 10	336.0 14	249.0 14	197.0 14	147.0 14
1962	1150.0 2	1100.0 2	995.0 2	750.0 4	615.0 4	523.0 4	452.0 2	361.0 2	252.0 2
1963	504.0 15	473.0 15	409.0 15	361.0 15	297.0 15	207.0 16	162.0 16	132.0 16	98.0 15
1964	740.0 8	713.0 7	697.0 7	625.0 7	546.0 7	402.0 7	300.0 8	242.0 8	170.0 9
1965	870.0 6	827.0 6	733.0 6	668.0 6	562.0 6	464.0 5	370.0 5	303.0 6	218.0 4

09248600 EAST FORK OF WILLIAMS FORK ABOVE WILLOW CREEK, 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

EAST FORK OF WILLIAMS FORK AB WILLOW CREEK, CO.

YEAR	1	3	7	15	30	60	90	120	183
1966	396.0 16	385.0 16	364.0 16	301.0 16	288.0 16	213.0 15	164.0 15	133.0 15	97.0 16
1967	720.0 9	683.0 9	610.0 9	523.0 12	442.0 13	343.0 11	263.0 12	213.0 11	153.0 11
1968	1010.0 5	917.0 5	817.0 5	692.0 5	574.0 5	397.0 8	298.0 9	239.0 9	169.0 10
1969	584.0 13	558.0 13	516.0 13	503.0 13	457.0 12	359.0 10	292.0 10	238.0 10	171.0 8
1970	1110.0 3	1070.0 3	947.0 4	796.0 3	664.0 3	538.0 3	406.0 3	321.0 3	225.0 3
1971	748.0 7	668.0 10	593.0 11	561.0 9	543.0 8	458.0 6	369.0 6	304.0 5	217.0 5
1972	685.0 11	604.0 12	571.0 12	537.0 11	469.0 11	337.0 13	257.0 13	207.0 13	150.0 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

EAST FORK OF WILLIAMS FORK AB WILLOW CREEK, CO.

YEAR	1	3	7	14	30	60	90	120	183
1958	25.00 14	26.00 14	27.00 14	30.00 15	32.00 15	35.00 15	35.00 15	37.00 15	42.00 14
1959	19.00 8	20.00 5	21.00 5	21.00 4	21.00 4	22.00 4	23.00 4	24.00 4	28.00 6
1960	20.00 9	21.00 11	23.00 12	23.00 10	24.00 9	25.00 9	26.00 8	26.00 8	32.00 9
1961	18.00 5	20.00 6	21.00 6	22.00 6	23.00 7	24.00 7	26.00 9	27.00 9	29.00 7
1962	20.00 10	22.00 12	24.00 13	25.00 11	26.00 11	28.00 10	29.00 12	30.00 12	42.00 15
1963	19.00 6	20.00 7	22.00 9	25.00 12	27.00 13	28.00 11	28.00 10	29.00 10	32.00 10
1964	15.00 3	16.00 2	17.00 2	17.00 2	18.00 2	19.00 2	19.00 2	19.00 2	21.00 2
1965	19.00 7	20.00 8	21.00 7	22.00 7	22.00 5	23.00 5	24.00 5	25.00 5	27.00 4
1966	20.00 11	21.00 9	22.00 10	25.00 13	26.00 12	28.00 12	29.00 13	30.00 11	35.00 12
1967	10.00 1	11.00 1	14.00 1	15.00 1	16.00 1	17.00 1	17.00 1	17.00 1	19.00 1
1968	20.00 12	23.00 13	23.00 11	23.00 8	24.00 8	25.00 8	25.00 6	25.00 6	26.00 3
1969	21.00 13	21.00 10	21.00 8	21.00 5	22.00 6	23.00 6	25.00 7	26.00 7	28.00 5
1970	14.00 2	18.00 3	20.00 3	20.00 3	21.00 3	21.00 3	22.00 3	23.00 3	29.00 8
1971	18.00 4	18.00 4	21.00 4	23.00 9	25.00 10	30.00 13	28.00 11	31.00 13	34.00 11
1972	27.00 15	28.00 15	29.00 15	30.00 14	30.00 14	30.00 14	32.00 14	33.00 14	36.00 13

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
39.7	32.9	29.0	26.2	25.5	28.8	90.0	382	408	128	55.0	41.4
256	65.6	43.9	17.8	27.4	37.6	3384	11820	33670	14050	825	201
16.0	8.10	6.62	4.22	5.23	6.13	58.2	109	183	119	28.7	14.2
1.59	0.08	0.49	0.21	0.49	-0.04	2.10	1.26	0.71	3.15	2.37	0.99
0.40	0.25	0.23	0.16	0.21	0.21	0.65	0.28	0.45	0.92	0.52	0.34
3.08	2.56	2.26	2.04	1.98	2.24	7.00	29.7	31.7	9.97	4.28	3.22

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.57	1.50	1.45	1.41	1.40	1.45	1.89	2.57	2.56	2.01	1.70	1.59
0.03	0.01	0.01	0.01	0.01	0.01	0.05	0.01	0.06	0.08	0.03	0.02
0.16	0.11	0.10	0.07	0.09	0.10	0.23	0.11	0.24	0.29	0.19	0.15
0.45	-0.77	-0.30	-0.26	-0.16	-0.28	0.90	0.96	-1.24	0.60	0.73	-0.18
0.10	0.08	0.07	0.05	0.06	0.07	0.12	0.04	0.09	0.14	0.11	0.09
7.44	7.13	6.88	6.69	6.62	6.87	8.96	12.2	14.1	9.50	8.05	7.55

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
107	939	30.6	0.90	0.29	-0.024

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.02	0.01	0.12	0.11	0.06	-0.078

09249000 EAST FORK OF WILLIAMS FORK NEAR PAGODA, COLO.

LOCATION.--Lat 40°18'45", long 107°19'10", in SE¼SW¼ sec.18, T.4 N., R.88 W., Routt County, on right bank 20 ft (6 m) downstream from private road bridge, 0.5 mi (0.8 km) upstream from Dowden Gulch, 1.2 mi (1.9 km) downstream from Willow Creek, and 5.5 mi (8.9 km) southeast of Pagoda.

DRAINAGE AREA.--150 mi² (388 km²), approximately.

REMARKS.--Diversions for irrigation of about 900 acres (3.64 km²) above station.

09249000 EAST FORK OF WILLIAMS FORK NEAR PAGODA, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN

EAST FORK OF WILLIAMS FORK NEAR PAGODA, 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																																				
1954		3	3	8	36	64	13	79	17	40	9	5	7	10	4	7	9	9	9	5	6	2			5	6	5	4									
1955		1	3	47	80	59	17		29	10	14	9	8	5	2	4	3	8	3	4	1	7	4	8	10	11	8	7	3								
1956				11	33	71	77	20	16	13	16	8	8	6	4	4	8	4	2	7	6	5	5	2	5	5	5	6	6	12	1						
1957				4	83	93	11	1	2		7	14	9	6	8	12	9	7	6	3	1	3	11	8	8	5	8	7	7	8	14	6	4				
1958					8	8	46	64	71	38	27	15	3	4	3	11	6	4	4	2	3	3	3	1	3	2	7	6	5	12	4	2					
1959				1	10	93	56	48	22	9	14	9	7	8	8	3	6	3	6	4	8	5	9	8	10	9	5	4									
1960				1	10	57	68	25	18	32	21	15	6	5	10	5	8	6	12	8	5	4	4	6	5	10	12	5	8								
1961				1	3	49	45	88	31	28	11	8	8	9	11	7	7	7	1	3	3	11	3	2	2	9	12	5	1								
1962					3	25	65	36	32	30	16	16	13	11	10	13	4	5	3	2	3	1	8	14	19	10	10	7	2	4	3						
1963				1	12	23	36	115	40	31	11	9	8	9	8	11	9	2	3	7	1	3	10	4	3												
1964				3	63	68	56	32	5	3	7	9	5	10	14	11	7	9	8	3	3	1	1	9	3	5	6	9	5	5	6						
1965				1	10	79	48	44	6	8	9	11	13	11	11	5	13	12	5	9	9	5	6	7	7	4	6	10	7	4	5						
1966				4	19	19	14	31	61	44	45	12	13	10	10	15	11	9	3	3	7	4	7	10	9	1	4										
1967				1	11	45	32	52	14	26	30	16	7	11	10	11	18	6	7	8	4	5	5	3	5	9	4	8	5	8	3	1					
1968						69	97	39	27	16	4	11	6	14	6	2	4	5	4	5	5	4	8	6	4	3	9	7	5	3	2	1					
1969						2	39	32	69	49	39	6	9	7	8	7	6	5	8	4	3	7	10	10	8	7	13	17									
1970				1	43	47	37	17	52	31	18	15	11	3	5	9	2	3	3	6	3	2	1	2	4	13	13	11	3	3	4	2	1				
1971				4	10	36	15	35	54	31	16	26	17	4	6	3	3	9	5	12	7	5	6	8	8	6	7	11	12	7	2						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	6574	100.0	12	56.0	218	2290	34.8	24	300	117	778	11.8
1	12.00	3	6574	100.0	13	64.0	186	2072	31.5	25	350	103	661	10.0
2	14.00	5	6571	100.0	14	74.0	150	1886	28.7	26	400	126	558	8.4
3	16.00	29	6566	99.9	15	85.0	151	1736	26.4	27	460	124	432	6.5
4	18.00	230	6537	99.4	16	98.0	105	1585	24.1	28	530	102	308	4.6
5	21.00	358	6307	95.9	17	110.0	152	1480	22.5	29	610	78	206	3.1
6	24.00	847	5949	90.5	18	130.0	115	1328	20.2	30	700	50	128	1.9
7	28.00	820	5102	77.6	19	150.0	79	1213	18.5	31	800	37	78	1.1
8	32.00	780	4282	65.1	20	170.0	92	1134	17.2	32	920	26	41	.6
9	37.00	508	3502	53.3	21	200.0	89	1042	15.9	33	1100	10	15	.2
10	42.00	455	2994	45.5	22	230.0	75	953	14.5	34	1200	5	5	
11	49.00	249	2539	38.6	23	260.0	100	878	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

EAST FORK OF WILLIAMS FORK NEAR PAGODA, CO.

YEAR	1	3	7	15	30	60	90	120	183
1954	436.0 17	425.0 17	394.0 17	364.0 16	288.0 18	207.0 18	162.0 18	131.0 18	95.0 18
1955	550.0 13	545.0 13	476.0 14	422.0 15	399.0 15	351.0 13	269.0 13	212.0 14	149.0 15
1956	821.0 8	782.0 8	735.0 7	723.0 5	624.0 5	472.0 7	396.0 7	282.0 7	198.0 7
1957	1280.0 1	1220.0 1	1180.0 1	1080.0 1	1030.0 1	819.0 1	672.0 1	541.0 1	382.0 1
1958	1120.0 3	1100.0 3	1030.0 3	951.0 2	824.0 2	587.0 3	428.0 5	334.0 5	232.0 6
1959	540.0 14	537.0 14	503.0 13	447.0 14	404.0 14	343.0 14	268.0 14	217.0 13	155.0 13
1960	692.0 11	657.0 11	613.0 11	555.0 11	509.0 10	406.0 10	332.0 8	271.0 8	192.0 8
1961	625.0 12	595.0 12	564.0 12	528.0 12	464.0 12	339.0 15	252.0 15	200.0 15	151.0 14
1962	1000.0 4	967.0 4	906.0 4	725.0 4	638.0 4	544.0 4	492.0 2	371.0 2	259.0 2
1963	444.0 16	439.0 16	398.0 16	361.0 17	298.0 17	209.0 17	167.0 17	137.0 17	101.0 17
1964	780.0 9	743.0 9	727.0 8	638.0 9	559.0 9	414.0 9	311.0 11	252.0 11	177.0 11
1965	912.0 6	879.0 6	749.0 6	680.0 6	593.0 7	486.0 6	389.0 6	321.0 6	233.0 5
1966	416.0 18	411.0 18	382.0 18	316.0 18	301.0 16	229.0 16	182.0 16	147.0 16	108.0 16
1967	703.0 10	692.0 10	648.0 10	563.0 10	480.0 11	371.0 12	285.0 12	234.0 12	168.0 12
1968	967.0 5	897.0 5	786.0 5	670.0 7	584.0 8	435.0 8	328.0 9	261.0 9	185.0 9
1969	507.0 15	501.0 15	467.0 15	461.0 13	457.0 13	381.0 11	316.0 10	258.0 10	184.0 10
1970	1200.0 2	1160.0 2	1050.0 2	899.0 3	741.0 3	612.0 2	460.0 3	363.0 3	255.0 3
1971	868.0 7	795.0 7	697.0 9	650.0 8	620.0 6	535.0 5	433.0 4	354.0 4	252.0 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

EAST FORK OF WILLIAMS FORK NEAR PAGODA, CO.

YEAR	1	3	7	14	30	60	90	120	183
1955	12.00 1	14.00 1	15.00 1	18.00 2	20.00 2	21.00 2	21.00 2	22.00 3	25.00 3
1956	19.00 4	19.00 4	19.00 4	20.00 4	21.00 4	21.00 3	24.00 4	25.00 4	26.00 4
1957	22.00 11	22.00 10	23.00 7	23.00 8	24.00 5	25.00 6	26.00 7	27.00 5	27.00 5
1958	30.00 17	31.00 17	32.00 17	35.00 17	36.00 17	38.00 17	39.00 17	40.00 17	46.00 16
1959	20.00 5	22.00 11	23.00 8	24.00 9	25.00 10	25.00 7	25.00 5	27.00 6	29.00 8
1960	20.00 6	21.00 6	22.00 5	22.00 5	24.00 6	26.00 8	27.00 8	28.00 9	33.00 11
1961	20.00 7	21.00 7	23.00 9	24.00 10	25.00 11	26.00 9	28.00 12	30.00 11	31.00 9
1962	24.00 14	26.00 15	28.00 16	29.00 14	29.00 14	31.00 14	33.00 14	36.00 16	50.00 17
1963	20.00 8	22.00 8	26.00 14	29.00 15	31.00 16	33.00 16	34.00 15	34.00 14	35.00 12
1964	16.00 3	17.00 3	18.00 3	19.00 3	20.00 3	21.00 4	21.00 3	21.00 1	22.00 1
1965	20.00 9	22.00 9	23.00 10	23.00 6	24.00 7	25.00 5	26.00 6	27.00 7	28.00 6

09249000 EAST FORK OF WILLIAMS FORK NEAR PAGODA, COLO.--Continued

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OR CONSECUTIVE DAYS IN YEAR ENDING MARCH 31--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
EAST FORK OF WILLIAMS FORK NEAR PAGODA, CO.

YEAR	1	3	7	14	30	60	90	120	183
1966	26.00 16	27.00 16	28.00 15	29.00 16	30.00 15	32.00 15	34.00 16	36.00 15	43.00 15
1967	15.00 2	16.00 2	16.00 2	17.00 1	18.00 1	19.00 1	20.00 1	21.00 2	23.00 2
1968	24.00 15	25.00 14	25.00 13	26.00 13	26.00 12	27.00 12	27.00 9	28.00 8	29.00 7
1969	22.00 12	24.00 12	24.00 11	24.00 11	25.00 8	26.00 10	28.00 10	31.00 12	33.00 10
1970	22.00 13	24.00 13	25.00 12	26.00 12	26.00 13	27.00 11	28.00 11	29.00 10	35.00 13
1971	20.00 10	20.00 5	22.00 6	23.00 7	25.00 9	30.00 13	29.00 13	31.00 13	35.00 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)											
41.2	35.9	31.3	28.7	26.9	31.8	114	422	403	123	51.7	39.2
356	80.8	43.4	28.4	31.5	58.4	4396	15700	43270	15630	723	281
18.9	8.99	6.58	5.33	5.61	7.64	66.3	125	208	125	26.9	16.8
1.82	0.59	0.41	0.60	0.38	0.41	1.98	1.09	1.04	3.38	2.36	1.40
0.46	0.25	0.21	0.19	0.21	0.24	0.58	0.30	0.52	1.01	0.52	0.43
3.05	2.66	2.32	2.13	2.00	2.36	8.43	31.3	29.9	9.15	3.84	2.91

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)											
1.58	1.54	1.49	1.45	1.42	1.49	2.00	2.61	2.54	1.98	1.67	1.56
0.03	0.01	0.01	0.01	0.01	0.01	0.04	0.01	0.07	0.09	0.03	0.03
0.17	0.11	0.09	0.08	0.09	0.10	0.21	0.12	0.26	0.30	0.18	0.16
0.86	0.11	-0.18	0.20	-0.25	0.02	0.72	0.62	-0.88	0.78	0.80	0.72
0.11	0.07	0.06	0.05	0.06	0.07	0.11	0.05	0.10	0.15	0.11	0.11
7.41	7.23	6.97	6.80	6.66	6.99	9.38	12.2	11.9	9.26	7.84	7.32

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
113	1271	35.6	0.91	0.32	0.092

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.03	0.02	0.13	0.07	0.07	0.079

09249200 SOUTH FORK OF WILLIAMS FORK NEAR PAGODA, COLO.

LOCATION.--Lat 40°12'44", long 107°26'31", in NE¼SE¼ sec.24, T.3 N., R.90 W., Rio Blanco County, on left bank at downstream side of private bridge, 1.3 mi (2.1 km) upstream from Pine Creek, and 11 mi (18 km) south of Pagoda.

DRAINAGE AREA.--46.7 mi² (121.0 km²).

REMARKS.--Diversions above station for irrigation of about 100 acres (405,000 m²) above and 50 acres (202,000 m²) below station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH FORK OF WILLIAMS FORK NEAR PAGODA, 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																																					
1966									23	6	3	4	6	13	18	8	9	39	90	17	29	22	13	16	8	3	7	12	10	7	2						
1967													1	25	52	112	45	23	5	7	18	14	8	6	5	14	9	7	9	6							
1968													2	1	52	95	81	18	31	17	7	2	2	5	8	9	4	7	16	7	2						
1969													1	3	11	67	153	13	14	6	9	9	11	10	15	5	5	9	10	14							
1970		1	1				1					1	2	1	4	4	4	56	133	42	17	17	4	10	7	2	5	4	9	16	11	9	3	1			
1971															4	7	56	94	68	19	7	8	9	6	3	7	7	14	28	13	7	1					
1972														3	9	16	24	46	138	29	11	6	7	9	8	10	9	6	11	18	2	4					
1973													1	4	6	7	6	41	108	47	47	18	11	2	4	4	3	7	13	8	16	12					
1974									24		4		2	1	5	38	85	69	8	14	23	13	3	3	7	6	6	14	10	15	6	9					
1975									5	2	6	7	3	2	2	21	44	103	55	18	10	8	11	6	4	6	5	7	14	10	15	1					

09249200 SOUTH FORK OF WILLIAMS FORK NEAR PAGODA, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
 DISCHARGE, IN CUBIC FEET PER SECOND
 MEAN
 SOUTH FORK OF WILLIAMS FORK NEAR PAGODA, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	3652	100.0	12	0.9	16	3571	97.8	24	40	60	685	18.7
1	0.01	0	3652	100.0	13	1.2	26	3555	97.3	25	54	58	625	17.1
2	0.02	1	3652	100.0	14	1.7	48	3529	96.6	26	75	71	567	15.5
3	0.03	1	3651	100.0	15	2.3	78	3481	95.3	27	100	75	496	13.5
4	0.05	0	3650	99.9	16	3.2	273	3403	93.2	28	140	96	421	11.5
5	0.07	0	3650	99.9	17	4.3	679	3130	85.7	29	190	124	325	8.8
6	0.09	0	3650	99.9	18	5.9	988	2451	67.1	30	270	104	201	5.5
7	0.10	1	3650	99.9	19	8.2	271	1463	40.1	31	360	80	97	2.6
8	0.20	23	3649	99.9	20	11.0	193	1192	32.6	32	500	16	17	.4
9	0.30	35	3626	99.3	21	15.0	134	999	27.4	33	690	1	1	
10	0.50	5	3591	98.3	22	21.0	99	865	23.7	34				
11	0.60	15	3586	98.2	23	29.0	81	766	21.0					

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 FORK OF WILLIAMS FORK NEAR PAGODA, CO.

YEAR	1	3	7	15	30	60	90	120	183
1966	280.0 10	267.0 10	264.0 10	208.0 10	169.0 10	111.0 10	82.0 10	63.0 10	44.0 10
1967	434.0 7	420.0 7	398.0 6	336.0 7	261.0 8	181.0 8	133.0 8	103.0 8	70.0 8
1968	640.0 3	547.0 3	477.0 3	396.0 3	337.0 4	222.0 7	154.0 7	118.0 7	90.0 7
1969	484.0 6	454.0 6	423.0 5	394.0 4	331.0 5	228.0 6	169.0 6	130.0 6	88.0 6
1970	706.0 1	655.0 1	571.0 1	473.0 2	374.0 2	266.0 2	188.0 3	144.0 3	97.0 3
1971	533.0 4	487.0 4	390.0 8	314.0 8	284.0 7	252.0 3	204.0 2	157.0 2	106.0 2
1972	422.0 8	394.0 9	337.0 9	280.0 9	233.0 9	169.0 9	124.0 9	95.0 9	65.0 9
1973	410.0 9	405.0 8	394.0 7	370.0 6	315.0 6	247.0 5	173.0 5	133.0 5	90.0 5
1974	686.0 2	612.0 2	522.0 2	477.0 1	395.0 1	287.0 1	207.0 1	160.0 1	107.0 1
1975	530.0 5	455.0 5	429.0 4	384.0 5	338.0 3	252.0 4	179.0 4	137.0 4	93.0 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 FORK OF WILLIAMS FORK NEAR PAGODA, CO.

YEAR	1	3	7	14	30	60	90	120	183
1967	0.20 2	0.20 1	0.20 1	0.21 1	0.24 1	0.95 1	1.40 1	2.30 1	3.00 1
1968	2.30 8	2.30 7	2.80 6	3.00 6	3.40 4	4.10 3	4.10 3	4.20 3	4.60 2
1969	2.10 6	2.50 8	3.00 8	3.60 7	4.10 7	4.90 8	5.30 8	5.50 7	5.70 7
1970	3.00 9	3.60 9	4.10 9	4.70 9	5.50 9	6.10 9	6.10 9	6.40 8	6.90 8
1971	0.02 1	0.65 3	1.20 3	1.90 3	3.60 5	4.30 6	4.50 4	4.80 4	5.00 4
1972	2.10 7	2.20 6	2.80 7	3.70 8	4.10 8	4.90 7	4.90 6	5.30 6	5.60 6
1973	1.60 5	1.70 5	1.80 4	2.30 4	3.30 3	4.10 4	4.90 7	6.70 9	7.20 9
1974	1.00 4	1.30 4	1.80 5	3.00 5	3.60 6	4.30 5	4.70 5	5.00 5	5.20 5
1975	0.32 3	0.33 2	0.36 2	0.37 2	0.81 2	2.30 2	3.20 2	4.00 2	4.90 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,SKWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
7.09	6.48	5.68	6.09	6.20	9.08	46.4	250	172	17.4	4.71	4.09
11.4	3.76	0.97	0.56	0.64	5.20	1055	5763	7179	130	3.02	3.44
3.37	1.94	0.99	0.75	0.80	2.28	32.5	75.9	84.7	11.4	1.74	1.85
1.37	0.40	-0.25	-0.11	1.57	0.93	0.90	0.47	-0.42	1.62	0.08	-0.88
0.48	0.30	0.17	0.12	0.13	0.25	0.70	0.30	0.49	0.66	0.37	0.45
1.32	1.21	1.06	1.14	1.16	1.70	8.68	46.6	32.2	3.24	0.88	0.76

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,SKWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.81	0.79	0.75	0.78	0.79	0.95	1.57	2.38	2.16	1.14	0.64	0.54
0.03	0.02	0.01	0.00	0.00	0.01	0.10	0.02	0.11	0.12	0.04	0.09
0.18	0.13	0.08	0.05	0.05	0.10	0.31	0.13	0.35	0.35	0.20	0.31
1.11	-0.12	-0.33	-0.38	1.31	0.65	0.14	0.16	-1.71	-1.37	-1.48	-1.59
0.22	0.17	0.10	0.07	0.07	0.11	0.20	0.06	0.15	0.31	0.31	0.57
6.12	5.97	5.62	5.88	5.93	7.12	11.8	17.9	16.2	8.58	4.81	4.06

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWNESS	COEFF. OF VARIATION	SERIAL CORR
44.8	98.8	9.94	-0.91	0.22	0.355

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWNESS	COEFF. OF VARIATION	SERIAL CORR
1.64	0.01	0.11	-1.38	0.07	0.391

09249500 WILLIAMS FORK AT HAMILTON, COLO.

LOCATION.--Lat 40°22'12", long 107°36'31", in NW¼SE¼ sec.21, T.5 N., R.91 W., Moffat County, at highway bridge at Hamilton, 0.3 mi (0.5 km) upstream from Morapos Creek.

DRAINAGE AREA.--341 mi² (883 km²).

REMARKS.--Diversions for irrigation of about 4,500 acres (18.2 km²) above station. Small ditch imports water from nearby stream above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WILLIAMS FORK AT HAMILTON, CO.

CLASS YEAR	NUMBER OF DAYS IN CLASS																																			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
1905				3	9	17	10	4	51	104	47	15	11	9	6	8	4	4	5	4	6	5	9	3	2	7	4	11	2	5						
1906					5	10	128	15	12	45	20	17	10	5	3	4	5	4	12	5	4	5	4	3	5	4	8	7	14	5	5	1				
1911					1	13	59	73	59	7	11	43	13	5	3	5	9	4	4	5	1	3	16	10	9	7	4	1								
1912			1	1		1	116	13	10	24	2	50	13	15	13	8	5	13	12	9	6	4	6	5	10	2	3	4	12	7	1					
1913							28	40	1	94	22	39	7	3	34	6	10	8	8	10	6	11	7	9	13	6	3									
1914							14	42	9	7	47	5	23	12	9	8	9	5	3	12	9	2	5	3	8	7	7	8	10	4	2					
1915				1		9	19	27	16	100	14	27	13	38	5	7	8	3	3	10	7	9	25	10	5	7	1	1								
1916						8	48	99	20	14	5	14	46	6	10	10	4	5	3	3	7	3	10	2	12	15	13	5	2	2						
1917							64	43	35	50	16	8	19	3	3	5	36	5	8	4	1	4		3	5	4	9	11	8	5	14	2				
1918						8	14	6	32	115	37	12	18	15	3	12	9	5	10	5	4	3	3	2	16	9	9	13	5							
1919						36	21	24	50	8	78	4	40	16	10	6	9	4	2	7	8	4	8	7	12	9	2									
1920						5	7	39	72	38	7	6	54	20	7	2	5	34	3	1	5	1	4	3	9	5	7	7	2	4	18	1				
1921			2	9	1	25	7	7	39	72	26	48	33	5	5	6	4	6	5	2	4	3	4	3	7	3	4	1	4	14	14	2				
1922			8	59	12	57	7	6	5	46	35	4	9	38	2	6	4	3	2	4	4	7	3	7	2	4	11	5	7	5	3					
1923			2	35	78	5	31	31		2	3	26	11	14	3	7	3	7	36	5	3	3	2	6	3	2	11	7	12	10	7					
1924				13	6	2	8		14	76	71	64	10	6	11	7	7	6	4	2	4	6	2	8	2	11	15	10	1							
1925									92	39	46	47	15	10	6	6	10	7	3	8	5	15	10	9	4	22	9	2								
1926						5	28	114	34	34	33	12	3	2	6	10	8	6	6	6	3	6	6	6	7	13	13	4								
1927							24	94	84	13	8	13	25	15	8																					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	6939	100.0	12	77.0	316	3034	43.7	24	540	117	891	12.8
1	13.00	2	6939	100.0	13	90.0	466	2718	39.2	25	630	97	774	11.1
2	15.00	45	6937	100.0	14	110.0	233	2252	32.5	26	740	180	677	9.7
3	18.00	161	6892	99.3	15	130.0	144	2019	29.1	27	870	130	497	7.1
4	21.00	28	6731	97.0	16	150.0	148	1875	27.0	28	1000	120	367	5.2
5	25.00	133	6703	96.6	17	170.0	117	1727	24.9	29	1200	88	247	3.5
6	29.00	159	6570	94.7	18	200.0	161	1610	23.2	30	1400	86	159	2.2
7	34.00	170	6411	92.4	19	240.0	127	1449	20.9	31	1700	44	73	1.0
8	40.00	673	6241	89.9	20	280.0	113	1322	19.1	32	2000	12	29	.4
9	47.00	1114	5568	80.2	21	330.0	114	1209	17.4	33	2300	15	17	.2
10	56.00	723	4454	64.2	22	390.0	101	1095	15.8	34	2700	2	2	
11	65.00	697	3731	53.8	23	460.0	103	994	14.3					

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WILLIAMS FORK AT HAMILTON, CO.

YEAR	1	3	7	15	30	60	90	120	183
1905	1680.0 8	1580.0 8	1320.0 12	1190.0 10	1070.0 9	751.0 12	555.0 14	439.0 13	310.0 14
1906	2580.0 2	2110.0 2	1960.0 3	1840.0 3	1610.0 3	1260.0 2	944.0 2	739.0 2	511.0 2
1911	1230.0 14	1170.0 14	968.0 16	920.0 15	799.0 16	677.0 16	514.0 17	413.0 17	296.0 17
1912	2060.0 3	1780.0 4	1710.0 4	1670.0 4	1480.0 4	1040.0 4	799.0 4	642.0 4	460.0 4
1913	1150.0 16	1130.0 16	978.0 15	849.0 17	755.0 17	624.0 17	523.0 16	430.0 15	316.0 13
1914	1800.0 6	1670.0 6	1470.0 7	1370.0 6	1200.0 7	911.0 9	699.0 9	559.0 9	391.0 9
1915	878.0 19	719.0 19	652.0 19	523.0 19	478.0 19	454.0 19	388.0 19	318.0 19	229.0 19
1916	1940.0 5	1720.0 5	1480.0 6	1100.0 12	1040.0 10	951.0 8	750.0 6	598.0 5	427.0 5
1917	3190.0 1	2830.0 1	2610.0 1	2480.0 1	2050.0 1	1760.0 1	1300.0 1	1040.0 1	720.0 1
1918	1580.0 11	1550.0 10	1360.0 11	1260.0 8	1110.0 8	993.0 6	743.0 7	593.0 7	417.0 7
1919	950.0 18	894.0 18	830.0 18	756.0 18	692.0 18	548.0 18	413.0 18	335.0 18	241.0 18
1920	2060.0 4	1990.0 3	1960.0 2	1920.0 2	1680.0 2	1210.0 3	898.0 3	719.0 3	497.0 3
1921	1750.0 7	1660.0 7	1550.0 5	1440.0 5	1390.0 5	1030.0 5	755.0 5	584.0 8	400.0 8
1922	1540.0 12	1470.0 12	1400.0 9	1190.0 9	1030.0 11	746.0 13	544.0 15	427.0 16	303.0 16
1923	1590.0 10	1520.0 11	1400.0 10	1350.0 7	1200.0 6	979.0 7	731.0 8	595.0 6	419.0 6
1924	1210.0 15	1150.0 15	1060.0 14	999.0 14	939.0 13	743.0 14	557.0 13	439.0 14	306.0 15
1925	1080.0 17	1020.0 17	962.0 17	894.0 16	852.0 15	704.0 15	591.0 12	483.0 12	346.0 12
1926	1320.0 13	1260.0 13	1160.0 13	1070.0 13	918.0 14	830.0 10	635.0 11	506.0 11	356.0 11
1927	1650.0 9	1560.0 9	1440.0 8	1160.0 11	969.0 12	820.0 11	636.0 10	509.0 10	362.0 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
WILLIAMS FORK AT HAMILTON, CO.

YEAR	1	3	7	14	30	60	90	120	183
1906	23.00 7	24.00 5	26.00 4	29.00 4	33.00 4	37.00 7	39.00 5	40.00 4	40.00 3
1911	35.00 12	37.00 13	40.00 13	45.00 13	45.00 12	46.00 12	48.00 10	50.00 9	54.00 9
1912	19.00 5	24.00 6	36.00 11	40.00 11	40.00 10	42.00 8	43.00 7	44.00 7	50.00 5
1913	45.00 15	45.00 14	45.00 14	45.00 14	46.00 13	51.00 14	55.00 15	62.00 17	68.00 17
1914	30.00 10	30.00 10	34.00 10	35.00 8	35.00 7	36.00 5	37.00 3	39.00 3	52.00 7
1915	20.00 6	25.00 7	33.00 9	40.00 12	48.00 14	50.00 13	50.00 12	52.00 10	57.00 11

09249500 WILLIAMS FORK AT HAMILTON, 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
WILLIAMS FORK AT HAMILTON, CO.

Table with columns: YEAR, 1, 3, 7, 14, 30, 60, 90, 120, 183. Rows list years from 1916 to 1927 with corresponding mean values and rankings.

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

Table with columns: OCT, NOV, DEC, JAN, FEB, MARCH, APRIL, MAY, JUNE, JULY, AUG, SEPT. Rows show statistics (mean, variance, standard deviation, skewness, coefficient of variation, percentage of average value) for each month.

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

Table with columns: OCT, NOV, DEC, JAN, FEB, MARCH, APRIL, MAY, JUNE, JULY, AUG, SEPT. Rows show log statistics (mean, variance, standard deviation, skewness, coefficient of variation, percentage of average value) for each month.

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

Summary statistics for normal annual means: MEAN (219), VARIANCE (3363), STANDARD DEVIATION (58.0), SKEWNESS (1.53), COEFF. OF VARIATION (0.26), SERIAL CORR (-0.075).

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

Summary statistics for log annual means: MEAN (2.33), VARIANCE (0.01), STANDARD DEVIATION (0.11), SKEWNESS (0.63), COEFF. OF VARIATION (0.05), SERIAL CORR (-0.160).

09250000 MILK CREEK NEAR THORNBURGH, COLO.

LOCATION.--Lat 40°11'37", long 107°43'57", in NE¼NE¼ sec.32, T.3 N., R.92 W., Rio Blanco County, on right bank 2.5 mi (4.0 km) northwest of Thornburgh and 3.0 mi (4.8 km) upstream from Little Creek.

DRAINAGE AREA.--65 mi² (168 km²), approximately.

REMARKS.--Diversion for irrigation of about 1,300 acres (5.3 km²) above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MILK CREEK NEAR THORNBURGH, CO.

Large table with columns: 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. Rows list years from 1953 to 1965 with duration data.

09250000 MILK CREEK NEAR THORNBURGH, COLO.--Continued

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

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN MILK CREEK NEAR THDRNBURGH, CO.

Table with columns: CLASS YEAR, 0-34, and rows for years 1966-1975. Includes sub-header 'NUMBER OF DAYS IN CLASS'.

Table with columns: CLASS, VALUE, TOTAL, ACCUM, PERCT for years 0-11 and 12-23.

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

DISCHARGE, IN CUBIC FEET PER SECONDD MEAN MILK CREEK NEAR THORNBURGH, CO.

Table with columns: YEAR, 1, 3, 7, 15, 30, 60, 90, 120, 183 and rows for years 1953-1975.

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

DISCHARGE, IN CUBIC FEET PER SECOND MEAN MILK CREEK NEAR THORNBURGH, CO.

Table with columns: YEAR, 1, 3, 7, 14, 30, 60, 90, 120, 183 and rows for years 1954-1965.

09250000 MILK CREEK NEAR THORNBURGH, 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
MILK CREEK NEAR THORNBURGH, CO.

YEAR	1	3	7	14	30	60	90	120	183
1966	2.40 22	2.50 22	3.00 22	3.20 22	3.80 22	5.20 22	5.60 22	5.90 22	6.50 22
1967	0.20 3	0.20 2	0.20 1	0.21 1	0.25 1	0.50 2	0.88 3	1.19 3	1.80 4
1968	1.40 20	1.50 21	1.60 20	2.00 20	2.50 20	2.90 20	3.00 16	3.10 16	3.20 14
1969	1.40 21	1.40 18	1.50 18	1.60 17	2.00 19	2.80 18	3.30 17	3.50 17	3.80 17
1970	0.80 13	0.80 12	0.89 12	1.19 13	1.80 15	2.80 19	3.90 20	5.10 20	5.80 20
1971	1.30 18	1.40 19	1.90 21	2.40 21	3.00 21	3.20 21	4.30 21	4.80 19	5.10 19
1972	0.55 10	0.55 9	0.72 9	1.00 11	1.50 11	1.70 11	2.00 12	2.30 11	2.60 12
1973	0.70 11	0.77 11	0.82 11	0.91 9	0.96 9	1.30 9	1.70 9	2.40 12	3.00 13
1974	1.00 15	1.10 15	1.50 19	1.70 19	1.90 16	2.00 14	2.20 13	2.20 10	2.50 10
1975	1.40 19	1.40 20	1.40 16	1.60 18	2.00 17	2.50 17	2.70 15	2.90 15	3.40 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)											
3.27	3.74	3.67	3.62	4.17	9.72	46.8	148	59.5	8.73	2.67	2.25
6.65	3.68	2.49	2.08	3.21	32.5	1147	5595	2807	44.6	2.58	3.12
2.58	1.92	1.58	1.44	1.79	5.70	33.9	74.8	53.0	6.68	1.61	1.77
1.45	1.12	0.54	0.56	0.87	1.05	1.58	0.92	1.83	2.18	0.57	1.49
0.79	0.51	0.43	0.40	0.43	0.59	0.72	0.51	0.89	0.77	0.60	0.78
1.11	1.26	1.24	1.22	1.41	3.28	15.8	50.0	20.1	2.95	0.90	0.76

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)											
0.40	0.53	0.53	0.52	0.58	0.92	1.58	2.12	1.63	0.84	0.33	0.22
0.11	0.04	0.04	0.03	0.04	0.06	0.08	0.05	0.13	0.09	0.10	0.13
0.33	0.20	0.19	0.18	0.19	0.24	0.29	0.23	0.37	0.30	0.31	0.36
0.00	0.63	-0.19	-0.32	-0.33	0.22	0.33	-0.26	0.05	0.06	-0.66	-0.36
0.83	0.38	0.37	0.35	0.33	0.26	0.18	0.11	0.22	0.36	0.94	1.64
3.90	5.15	5.15	5.14	5.70	9.04	15.5	20.8	16.0	8.24	3.27	2.18

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
24.8	114	10.7	0.36	0.43	0.169

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.35	0.04	0.21	-0.53	0.15	0.067

09251000 YAMPA RIVER NEAR MAYBELL, COLO.

LOCATION.--Lat 40°30'10", long 108°01'45", in SE¼NW¼ sec.2, T.6 N., R.95 W., Moffat County, on left bank 100 ft (30 m) downstream from bridge on U.S. Highway 40, 2.0 mi (3.2 km) downstream from Lay Creek, and 3.0 mi (4.8 km) east of Maybell.

DRAINAGE AREA.--3,410 mi² (8,830 km²), approximately.

REMARKS.--Natural flow of stream affected by transbasin diversions, numerous storage reservoirs, and diversions above station for irrigation of about 65,000 acres (263 km²) above and about 800 acres (3.24 km²) below station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
YAMPA RIVER NEAR MAYBELL, 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																																			
1917																			15	90	55	69	8	8	7	15	9	10	7	13	16	16	25	2	
1918																			9	142	48	20	11	5	7	23	25	8	7	12	37	8	3		
1919																		1	34	43	35	106	39	6	8	15	3	8	23	4	11	27	2		
1920																			5	81	98	28	29	4	10	26	6	8	2	2	7	10	10	21	14
1921																				37	107	49	13	18	14	22	23	17	9	8	5	4	19	20	
1922																		17	1	11	147	42	6	31	14	10	11	6	10	8	17	15	13	6	
1923																		6	6	44	65	96	9	20	6	5	12	11	11	8	16	12	33	5	
1924																		7	5	127	79	30	7	4	9	9	10	9	12	13	17	26	2		
1925																				97	92	24	44	5	3	6	16	14	26	31	7				
1926																			8	23	37	132	37	11	8	15	14	6	11	9	15	27	12		
1927																				1	173	24	40	18	2	3	10	12	6	9	19	19	22	7	
1928																					21	65	101	34	29	5	15	11	19	14	6	11	15	18	2
1929																					12	125	32	11	22	15	8	39	4	8	19	18	20	25	7
1930																					37	73	100	43	14	8	8	3	15	21	26	15	2		

09251000 YAMPA RIVER NEAR MAYBELL, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
YAMPA RIVER NEAR MAYBELL, 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																																						
1931													1	10	6	18	6	7	7	74	5	46	91	7	3	7	10	27	23	14	3								
1932																	3	13	74	20	62	80	7	9	4	13	6	10	11	13	6	8	19	7					
1933																																							
1934		3	7	1	1	3	1	4	11	13	23	11	6	9	3	34	13	77	8	43	7	9	13	12	2	13	24	8	6										
1935														1	7	26	25	64	46	34	36	13	15	10	7	19	8	6	14	9	13	12							
1936																	48	18	126	12	32	32	8	7	2	5	5	4	6	16	16	28	1						
1937																3	18	111	60	12	6	40	13	7	10	8	15	12	18	5	14	9	4						
1938																		12	22	93	69	28	22	28	6	3	5	14	9	12	20	16	6						
1939														10	8	14	9	23	99	62	17	8	5	3	5	14	14	27	9	15	19	4							
1940														20	18	7	13	35	40	57	44	21	5	6	12	14	4	9	15	7	12	21	6						
1941																		4	40	75	70	34	17	14	12	20	13	5	6	14	15	11	12	3					
1942														7	14		12	6	5	17	66	60	20	32	16	12	8	8	10	16	24	20	10	2					
1943																	23	5	95	18	15	13	6	5	13	12	12	20	27	19	10	1							
1944										9	5	1	4	9	2	7	8	35	88	56	23	11	13	9	16	8	1	6	6	7	8	21	13						
1945										1	2	1				1	20	89	42	22	19	27	12	17	9	9	12	6	15	15	30	12	3						
1946																	29	13	89	69	28	15	18	6	6	8	12	24	16	23	9								
1947																	4	15	58	53	69	24	12	4	7	17	6	20	20	20	21	6	9						
1948															18	7	4	18	11	8	51	63	68	13	10	17	13	7	4	19	20	9	6						
1949																1	11	26	104	60	14	11	10	16	11	5	6	9	13	16	25	27							
1950															6	5	7	8	11	86	63	55	14	6	5	2	6	23	20	9	12	22	5						
1951																		7	35	81	64	22	18	26	11	8	10	4	17	18	20	18	6						
1952																		48	108	44	24	20	19	6	4	8	3	7	9	8	16	23	17	2					
1953															4	11	7	7	69	98	25	17	13	20	19	5	12	12	7	6	7	15	11						
1954																		22	24	48	104	35	17	10	2	8	15	17	16	11	15	4							
1955														3	10	6	6	3	12	65	76	42	23	16	12	6	4	7	15	29	15	8							
1956																																							
1957														2	14	7	10	5	21	18	88	66	16	13	3	10	11	7	6	5	8	22	15	19					
1958																3	5	8	9	69	54	21	22	8	23	18	10	4	8	14	9	16	13	21	22	8			
1959																		3	11	15	16	12	82	52	49	15	13	13	9	3	11	9	13	5	21	13			
1960																		5	5	5	4	36	127	50	9	18	8	10	6	12	7	8	21	20	14				
1961																		3	12	4	8	25	26	46	39	37	32	21	13	4	9								
1962																		17	4	19	59	116	21	13	17	11	22	4	11	7	11	12	17	4					
1963																		19	14	8	14	55	52	26	29	22	10	9	7	11	12	41	10	9	17				
1964															2	1	3	4	20	44	91	74	19	9	6	15	10	16	6	13	12	18	2						
1965																		9	18	75	84	35	14	22	7	8	6	4	17	9	7	14	17	7	12	1			
1966																																							
1967																																							
1968																		7	13	3	16	6	6	11	47	70	24	33	9	12	5	29	20	16	23	9			
1969																		3	13	60	88	36	18	14	4	18	14	29	10	9	11	17	16	5					
1970																		5	36	106	43	26	19	18	13	8	12	12	6	6	19	17	12	8					
1971																		1	70	115	45	13	10	8	5	1	7	12	29	18	29	2							
1972																		6	16	73	103	45	10	15	14	5	6	5	6	6	6	26	16	13					
1973																																							
1974																																							
1975																																							
1976																																							
1977																																							
1978																																							
1979																																							
1980																																							
1981																																							
1982																																							
1983																																							
1984																																							
1985																																							
1986																																							
1987																																							
1988																																							
1989																																							
1990																																							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACC
-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-----

09251000 YAMPA RIVER NEAR MAYBELL, 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
YAMPA RIVER NEAR MAYBELL, CO.

YEAR	1	3	7	15	30	60	90	120	183
1931	6180.0 54	6000.0 54	5090.0 57	4590.0 56	4400.0 56	3630.0 54	3230.0 54	2610.0 54	1860.0 54
1932	11900.0 12	11700.0 12	11200.0 12	10800.0 10	8560.0 14	7320.0 13	6160.0 12	5070.0 11	3580.0 11
1933	10900.0 22	10600.0 22	10200.0 20	9660.0 15	8800.0 12	6370.0 28	4880.0 30	3870.0 31	2670.0 31
1934	3700.0 59	3650.0 59	3500.0 59	2960.0 59	2690.0 59	2110.0 59	1640.0 59	1320.0 59	931.0 59
1935	9430.0 34	9280.0 33	9010.0 32	7810.0 34	7110.0 35	5230.0 39	3990.0 45	3180.0 47	2230.0 46
1936	10500.0 26	9950.0 26	9450.0 28	8680.0 24	7850.0 24	7140.0 16	5510.0 22	4280.0 24	2950.0 24
1937	10000.0 28	9940.0 27	9470.0 27	8380.0 32	7370.0 30	5380.0 36	4230.0 38	3410.0 38	2390.0 37
1938	11500.0 14	11200.0 14	9700.0 24	8660.0 22	8480.0 15	6860.0 22	5480.0 23	4340.0 23	3030.0 23
1939	7610.0 48	7540.0 44	7370.0 42	6530.0 44	6230.0 42	4980.0 43	4150.0 41	3400.0 39	2320.0 41
1940	8850.0 36	8380.0 37	8030.0 36	7190.0 40	6500.0 39	5170.0 40	3980.0 46	3150.0 48	2160.0 49
1941	11500.0 15	11000.0 19	9740.0 23	8490.0 26	7600.0 28	5800.0 32	4380.0 35	3530.0 35	2460.0 34
1942	9880.0 29	9780.0 29	9370.0 29	8450.0 28	7300.0 31	6010.0 31	5180.0 26	4180.0 25	2910.0 25
1943	8800.0 37	7680.0 43	6460.0 49	5440.0 54	4710.0 52	4330.0 51	3950.0 47	3260.0 43	2300.0 42
1944	8780.0 38	8400.0 36	7720.0 40	7600.0 35	7280.0 32	5630.0 33	4080.0 43	3210.0 46	2190.0 48
1945	10600.0 24	10300.0 25	9620.0 25	8480.0 27	7630.0 27	6930.0 19	5670.0 18	4590.0 18	3220.0 18
1946	6740.0 51	6490.0 51	6140.0 51	5490.0 51	4630.0 54	4280.0 52	3700.0 51	3010.0 50	2110.0 50
1947	12100.0 10	12000.0 10	11600.0 11	9970.0 12	8140.0 19	6730.0 25	5580.0 20	4710.0 17	3310.0 17
1948	11000.0 21	10900.0 20	10400.0 17	9160.0 21	7670.0 26	6420.0 27	4970.0 28	4020.0 27	2850.0 27
1949	9340.0 35	9110.0 35	8760.0 33	8410.0 30	7760.0 25	7190.0 15	6050.0 14	4890.0 13	3400.0 13
1950	8000.0 43	7890.0 41	7050.0 44	6510.0 45	6370.0 41	4990.0 42	4200.0 39	3400.0 40	2360.0 38
1951	8510.0 40	8360.0 38	7810.0 38	7350.0 38	6020.0 45	5420.0 35	4470.0 33	3610.0 33	2550.0 33
1952	13200.0 7	13100.0 7	12400.0 7	10900.0 9	8890.0 11	8830.0 6	7000.0 6	5470.0 6	3740.0 6
1953	9680.0 32	9220.0 34	8270.0 35	7430.0 36	7150.0 34	4920.0 44	3750.0 50	2990.0 51	2090.0 51
1954	5120.0 58	4920.0 58	4490.0 58	4190.0 58	3490.0 58	2760.0 58	2230.0 58	1780.0 58	1260.0 58
1955	6900.0 50	6520.0 50	5860.0 53	5490.0 52	4940.0 51	4250.0 53	3490.0 53	2770.0 53	1910.0 53
1956	9610.0 33	9430.0 32	8750.0 34	8350.0 33	7160.0 33	6290.0 29	4890.0 29	3860.0 32	2630.0 32
1957	15400.0 4	15000.0 4	14000.0 4	13100.0 4	11600.0 4	9790.0 5	8230.0 3	6760.0 3	4690.0 3
1958	11800.0 13	11800.0 11	11700.0 10	11000.0 8	9860.0 8	7560.0 11	5820.0 17	4580.0 19	3160.0 20
1959	6490.0 52	6400.0 52	6210.0 50	5750.0 49	5010.0 50	4600.0 49	3640.0 52	2910.0 52	2020.0 52
1960	7810.0 44	7520.0 45	6850.0 46	5880.0 48	5820.0 47	4850.0 47	4450.0 34	3580.0 34	2440.0 36
1961	6150.0 55	5890.0 55	5780.0 54	5440.0 53	4700.0 53	3580.0 55	2710.0 56	2150.0 56	1500.0 57
1962	11300.0 16	11100.0 15	10900.0 13	9770.0 14	9450.0 10	7300.0 14	5280.0 9	4280.0 9	3070.0 9
1963	5880.0 56	5720.0 56	5200.0 55	4790.0 55	4410.0 55	3370.0 56	2680.0 57	2130.0 57	1510.0 56
1964	9850.0 31	9730.0 30	9370.0 30	8380.0 31	7020.0 36	5320.0 37	4140.0 42	3260.0 44	2230.0 47
1965	11300.0 17	10900.0 21	10400.0 18	9260.0 18	8100.0 20	7000.0 18	5900.0 16	4810.0 16	3370.0 14
1966	5580.0 57	5460.0 57	5140.0 56	4340.0 57	3940.0 57	3120.0 57	2760.0 55	2350.0 55	1640.0 55
1967	8720.0 39	8360.0 39	7810.0 39	7030.0 41	6070.0 44	4890.0 45	3800.0 48	3210.0 45	2280.0 44
1968	11100.0 20	11000.0 16	10600.0 15	9300.0 17	8200.0 17	6740.0 24	5210.0 25	4170.0 26	2910.0 26
1969	7760.0 46	7360.0 49	7000.0 45	6840.0 42	6570.0 38	5570.0 34	4870.0 31	3970.0 30	2730.0 30
1970	12600.0 9	12500.0 9	12000.0 9	11100.0 7	9550.0 9	8060.0 9	6150.0 13	4860.0 14	3360.0 16
1971	9870.0 30	9490.0 31	9040.0 31	8440.0 29	8070.0 22	7120.0 17	6430.0 8	5370.0 7	3690.0 7
1972	8220.0 42	7800.0 42	7180.0 43	6780.0 43	6000.0 46	4660.0 48	3790.0 49	3150.0 49	2230.0 45
1973	12000.0 11	11600.0 13	10800.0 14	9820.0 13	8090.0 21	6920.0 20	5520.0 21	4450.0 22	3080.0 22
1974	14900.0 5	14100.0 6	13000.0 6	11300.0 6	10100.0 7	8630.0 7	6720.0 7	5320.0 8	3640.0 10
1975	11300.0 18	11000.0 17	9900.0 21	8680.0 23	8010.0 23	6920.0 21	5620.0 19	4500.0 21	3110.0 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
YAMPA RIVER NEAR MAYBELL, CO.

YEAR	1	3	7	14	30	60	90	120	183
1917	329.00 56	349.00 59	359.00 58	360.00 58	385.00 59	394.00 58	422.00 58	459.00 57	500.00 57
1918	250.00 50	285.00 51	297.00 52	299.00 52	306.00 50	315.00 48	326.00 46	333.00 44	349.00 43
1919	240.00 48	244.00 48	250.00 48	274.00 49	309.00 52	349.00 53	359.00 50	373.00 47	420.00 50
1920	140.00 33	161.00 36	171.00 38	181.00 37	190.00 35	199.00 31	213.00 28	228.00 24	243.00 26
1921	335.00 57	348.00 58	360.00 59	367.00 59	372.00 58	384.00 57	398.00 56	410.00 54	420.00 51
1922	287.00 52	287.00 52	287.00 50	288.00 50	291.00 49	294.00 45	299.00 43	305.00 42	320.00 41
1923	135.00 32	135.00 30	135.00 28	135.00 27	148.00 27	180.00 24	211.00 27	245.00 28	280.00 29
1924	245.00 49	245.00 49	245.00 47	245.00 46	245.00 43	247.00 40	255.00 34	269.00 29	307.00 39
1925	134.00 31	136.00 31	146.00 32	170.00 35	201.00 38	238.00 37	284.00 42	320.00 43	326.00 42
1926	312.00 53	319.00 53	331.00 54	352.00 57	371.00 57	378.00 56	384.00 53	384.00 50	434.00 52
1927	189.00 43	191.00 43	195.00 41	207.00 40	227.00 40	265.00 43	278.00 41	288.00 37	299.00 37
1928	321.00 54	325.00 54	334.00 55	350.00 56	356.00 56	401.00 59	446.00 59	498.00 59	491.00 56
1929	340.00 58	343.00 57	343.00 57	347.00 55	353.00 55	377.00 55	393.00 54	407.00 53	404.00 48
1930	340.00 59	340.00 56	340.00 56	340.00 54	340.00 54	361.00 54	401.00 57	437.00 55	539.00 59
1931	325.00 55	325.00 55	325.00 53	325.00 53	325.00 53	344.00 52	398.00 55	471.00 58	501.00 58
1932	52.00 9	54.00 9	55.00 7	62.00 7	85.00 10	164.00 19	206.00 23	229.00 25	221.00 19
1933	160.00 37	163.00 37	164.00 35	165.00 32	167.00 30	190.00 26	236.00 30	275.00 31	286.00 31
1934	112.00 25	115.00 25	115.00 23	115.00 23	115.00 19	154.00 16	166.00 11	168.00 6	182.00 8
1935	2.00 1	2.00 1	3.00 1	8.20 1	12.00 1	21.00 1	24.00 1	42.00 1	91.00 1
1936	91.00 20	93.00 20	96.00 20	106.00 21	129.00 22	144.00 14	169.00 13	184.00 13	204.00 14
1937	115.00 26	120.00 26	123.00 25	129.00 25	136.00 25	163.00 18	182.00 17	181.00 12	190.00 10
1938	106.00 23	112.00 23	129.00 27	140.00 28	165.00 29	196.00 29	250.00 32	276.00 32	309.00 40
1939	184.00 42	187.00 41	199.00 42	225.00 45	247.00 45	254.00 41	270.00 38	292.00 38	292.00 34
1940	55.00 13	56.00 11	58.00 8	64.00 9	95.00 12	139.00 13	176.00 14	199.00 17	202.00 13
1941	41.00 6	41.00 6	45.00 6	49.00 6	54.00 4	73.00 3	142.00 6	188.00 15	211.00 16
1942	161.00 38	164.00 38	166.00 36	177.00 36	191.00 36	259.00 42	340.00 47	382.00 49	397.00 47
1943	64.00 15	70.00 16	70.00 15	72.00 11	83.00 7	113.00 8	151.00 9	168.00 7	181.00 6
1944	111.00 24	112.00 24	115.00 24	115.00 22	123.00 21	153.00 15	179.00 15	185.00 14	182.00 7
1945	15.00 2	15.00 2	15.00 2	17.00 2	28.00 2	65.00 2	99.00 2	141.00 2	162.00 3

09251000 YAMPA RIVER NEAR MAYBELL, 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
YAMPA RIVER NEAR MAYBELL, CO.

YEAR	1	3	7	14	30	60	90	120	183
1946	190.00 44	200.00 45	209.00 45	219.00 43	226.00 39	245.00 38	255.00 33	271.00 30	290.00 33
1947	126.00 28	127.00 27	128.00 26	132.00 26	143.00 26	192.00 27	240.00 31	283.00 36	280.00 30
1948	194.00 45	195.00 44	199.00 43	207.00 41	246.00 44	295.00 47	344.00 48	391.00 51	469.00 54
1949	73.00 17	75.00 17	78.00 17	82.00 16	95.00 13	161.00 17	202.00 20	218.00 21	231.00 22
1950	132.00 29	139.00 32	143.00 31	150.00 29	177.00 31	223.00 35	257.00 35	277.00 33	274.00 28
1951	61.00 14	64.00 14	67.00 13	81.00 14	114.00 18	197.00 30	207.00 24	230.00 26	238.00 25
1952	150.00 34	154.00 34	159.00 33	165.00 33	187.00 34	213.00 33	226.00 29	232.00 27	246.00 27
1953	150.00 35	157.00 35	168.00 37	168.00 34	178.00 32	195.00 28	204.00 22	208.00 18	218.00 18
1954	66.00 16	67.00 15	72.00 16	74.00 12	83.00 8	121.00 9	166.00 10	176.00 10	199.00 12
1955	52.00 10	53.00 8	61.00 10	81.00 13	109.00 14	137.00 11	166.00 12	213.00 20	226.00 20
1956	37.00 5	38.00 4	41.00 4	47.00 5	62.00 6	97.00 6	135.00 5	170.00 8	213.00 17
1957	36.00 4	40.00 5	41.00 5	44.00 4	57.00 5	90.00 5	131.00 4	146.00 3	167.00 4
1958	270.00 51	283.00 50	291.00 51	294.00 51	308.00 51	343.00 51	365.00 52	407.00 52	434.00 53
1959	89.00 19	90.00 19	92.00 19	99.00 19	118.00 20	168.00 21	183.00 18	198.00 16	205.00 15
1960	54.00 11	57.00 12	66.00 12	82.00 15	135.00 24	221.00 34	263.00 37	294.00 41	373.00 45
1961	45.00 7	49.00 7	58.00 9	63.00 8	85.00 9	113.00 7	147.00 8	173.00 9	184.00 9
1962	75.00 18	76.00 18	80.00 18	84.00 17	113.00 16	182.00 25	314.00 45	450.00 56	475.00 55
1963	93.00 21	96.00 21	98.00 21	100.00 20	113.00 17	166.00 20	210.00 25	227.00 23	233.00 24
1964	50.00 8	55.00 10	70.00 14	88.00 18	112.00 15	136.00 12	144.00 7	148.00 4	155.00 2
1965	132.00 30	133.00 28	142.00 30	152.00 30	154.00 28	169.00 22	189.00 19	208.00 19	231.00 23
1966	220.00 46	233.00 46	244.00 46	253.00 47	265.00 46	294.00 46	311.00 44	335.00 45	407.00 49
1967	24.00 3	25.00 3	27.00 3	32.00 3	40.00 3	85.00 4	126.00 3	158.00 5	174.00 5
1968	118.00 27	134.00 29	139.00 29	162.00 31	187.00 33	201.00 32	211.00 26	223.00 22	230.00 21
1969	174.00 39	179.00 39	192.00 40	216.00 42	240.00 42	275.00 44	278.00 39	292.00 39	297.00 35
1970	230.00 47	235.00 47	254.00 49	270.00 48	282.00 48	317.00 49	356.00 49	376.00 48	368.00 44
1971	174.00 40	189.00 42	200.00 44	224.00 44	275.00 47	318.00 50	361.00 51	371.00 46	377.00 46
1972	177.00 41	179.00 40	187.00 39	202.00 39	228.00 41	247.00 39	278.00 40	293.00 40	307.00 38
1973	100.00 22	103.00 22	111.00 22	118.00 24	134.00 23	169.00 23	203.00 21	277.00 34	298.00 36
1974	152.00 36	152.00 33	161.00 34	187.00 38	201.00 37	227.00 36	262.00 36	282.00 35	288.00 32
1975	55.00 12	57.00 13	63.00 11	66.00 10	87.00 11	134.00 10	179.00 16	178.00 11	194.00 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)											
343	345	298	272	320	671	2621	6275	5537	1360	380	241
32690	14200	10870	7135	11670	118800	1384000	4123000	5559000	1043000	45010	25240
181	119	104	84.5	108	345	1176	2030	2358	1022	212	159
1.32	1.04	0.82	1.08	1.60	1.52	0.72	0.46	0.76	2.02	0.97	1.93
0.53	0.35	0.35	0.31	0.34	0.51	0.45	0.32	0.43	0.75	0.56	0.66
1.84	1.85	1.60	1.46	1.72	3.59	14.0	33.6	29.7	7.29	2.04	1.29

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)											
2.48	2.51	2.45	2.42	2.48	2.78	3.37	3.77	3.70	3.01	2.50	2.29
0.05	0.02	0.02	0.02	0.02	0.04	0.04	0.02	0.05	0.14	0.08	0.09
0.22	0.14	0.15	0.13	0.13	0.20	0.20	0.14	0.22	0.38	0.28	0.30
0.10	0.40	0.06	-0.09	0.47	0.35	-0.27	-0.24	-1.57	-1.55	-1.07	-0.60
0.09	0.06	0.06	0.05	0.05	0.07	0.06	0.04	0.06	0.13	0.11	0.13
7.35	7.44	7.25	7.15	7.36	8.23	9.99	11.2	10.9	8.91	7.42	6.79

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1558	219300	468	0.65	0.30	0.161

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
3.17	0.02	0.14	-0.58	0.04	0.152

09251500 MIDDLE FORK LITTLE SNAKE RIVER NEAR BATTLE CREEK, COLO.

LOCATION.--Lat 40°59'26", long 107°02'37", in NE¼NW¼ sec.21, T.12 N., R.86 W., Routt County, 0.3 mi (0.5 km) upstream from confluence with North Fork and 10 mi (16 km) east of Battle Creek.

DRAINAGE AREA.--120 mi² (311 km²).

REMARKS.--Diversions for irrigation of about 500 acres (2.02 km²) above station.

09251500 MIDDLE FORK LITTLE SNAKE RIVER NEAR BATTLE CREEK, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN

MF LITTLE SNAKE RIVER NEAR BATTLE CREEK, CO.

Table with columns: CLASS YEAR, 0-34, NUMBER OF DAYS IN CLASS. Rows for years 1913-1922 showing the number of days for each discharge class.

Table with columns: CLASS, VALUE, TOTAL, ACCUM, PERCT. Rows for discharge classes 0 through 11, providing cumulative values and percentages.

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

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN

MF LITTLE SNAKE RIVER NEAR BATTLE CREEK, CO.

Table with columns: YEAR, 1, 3, 7, 15, 30, 60, 90, 120, 183. Rows for years 1913-1922 showing highest mean values and their rankings for different durations.

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

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN

MF LITTLE SNAKE RIVER NEAR BATTLE CREEK, CO.

Table with columns: YEAR, 1, 3, 7, 14, 30, 60, 90, 120, 183. Rows for years 1914-1922 showing lowest mean values and their rankings for different durations.

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

Table with columns: OCT, NOV, DEC, JAN, FEB, MARCH, APRIL, MAY, JUNE, JULY, AUG, SEPT. Rows for various statistical measures like mean, variance, standard deviation, etc.

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

Table with columns: OCT, NOV, DEC, JAN, FEB, MARCH, APRIL, MAY, JUNE, JULY, AUG, SEPT. Rows for various statistical measures like mean, variance, standard deviation, etc. for log means.

09251500 MIDDLE FORK LITTLE SNAKE RIVER NEAR BATTLE CREEK, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN 136	VARIANCE 1649	STANDARD DEVIATION 40.6	SKEWNESS 0.85	COEFF. OF VARIATION 0.30	SERIAL CORR -0.135
-------------	------------------	----------------------------	------------------	-----------------------------	-----------------------

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN 2.12	VARIANCE 0.02	STANDARD DEVIATION 0.12	SKEWNESS 0.40	COEFF. OF VARIATION 0.06	SERIAL CORR -0.157
--------------	------------------	----------------------------	------------------	-----------------------------	-----------------------

09251900 NORTH FORK LITTLE SNAKE RIVER NEAR SLATER, COLO.

LOCATION.--Lat 41°00'55", long 107°01'17", in NE¼NE¼ sec.14, T.12 N., R.86 W., Carbon County, Wyoming, on right bank at downstream side of road bridge, 1 mi (1.6 km) upstream from West Branch of North Fork, 2.6 mi (4.2 km) upstream from mouth, and 19 mi (31 km) east of Slater.

DRAINAGE AREA.--29.3 mi² (75.9 km²).

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN NF L SNAKE R NR SLATER COLO	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	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	93	49	40	11	6	7	15	3	6	8	9	9	9	7	6	1	4	2	3	6	6	5	5	5	7	6	2	2	6	14	4	8	1		
1958	9	18	17	106	41	33	18	13	20	4	3	6	5	6	3	4	3	1	5	2	3	2	4	5	4	5	4	3	9	9					
1959	69	107	20	19	12	11	12	17	4	9	5	5	3	4	2	4	1	4	5	6	1	5	6	5	3	10	8	4	4						
1960	2	9	16	8	16	48	42	37	7	10	14	18	16	11	4	6	7	7	6	12	10	6	4	4	4	6	7	3	13	12	1				
1961	1	61	72	28	18	13	20	10	7	15	28	9	9	4	6	4	5	3	5	3	3	3	3	7	2	5	4	8	4	8					
1962	12	12	14	10	4	4	34	14	78	58	13	14	2	4	3	2	3	3	3	2	2	4	9	9	16	20	9	5	2						
1963	10	48	30	34	25	40	31	30	10	20	11	6	4	3	3	4	2	1	3	3	2	3	2	4	5	5	5	3	11	7					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2556	100.0	12	14.0	168	945	37.0	24	100	30	357	13.9
1	2.30	12	2556	100.0	13	17.0	105	777	30.4	25	120	28	327	12.7
2	2.80	151	2544	99.5	14	20.0	53	672	26.3	26	140	41	299	11.6
3	3.30	225	2393	93.6	15	24.0	41	619	24.2	27	170	39	258	10.0
4	3.90	282	2168	84.8	16	28.0	33	578	22.6	28	200	46	219	8.5
5	4.60	130	1886	73.8	17	33.0	26	545	21.3	29	230	63	173	6.7
6	5.40	62	1756	68.7	18	39.0	27	519	20.3	30	270	50	110	4.3
7	6.40	221	1594	62.4	19	45.0	21	492	19.2	31	320	27	60	2.3
8	7.50	158	1373	53.7	20	53.0	33	471	18.4	32	380	15	33	1.2
9	8.90	79	1215	47.5	21	63.0	30	438	17.1	33	450	17	18	.7
10	10.00	112	1136	44.4	22	74.0	32	408	16.0	34	530	1	1	
11	12.00	79	1024	40.1	23	87.0	19	376	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 NF L SNAKE R NR SLATER COLO	1	3	7	15	30	60	90	120	183									
1957	565.0	1	537.0	1	510.0	1	455.0	2	398.0	1	276.0	1	212.0	1	165.0	1	111.0	1
1958	520.0	2	513.0	2	499.0	2	463.0	1	382.0	2	255.0	2	181.0	3	139.0	3	94.0	3
1959	344.0	4	339.0	4	317.0	4	282.0	4	233.0	5	173.0	5	124.0	5	96.0	5	65.0	5
1960	325.0	5	313.0	5	298.0	5	276.0	5	260.0	4	190.0	4	150.0	4	117.0	4	79.0	4
1961	296.0	7	292.0	7	290.0	6	264.0	7	217.0	7	149.0	7	107.0	6	84.0	6	58.0	6
1962	397.0	3	386.0	3	367.0	3	305.0	3	272.0	3	243.0	3	199.0	2	154.0	2	107.0	2
1963	317.0	6	297.0	6	285.0	7	266.0	6	228.0	6	152.0	6	107.0	7	82.0	7	56.0	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 NF L SNAKE R NR SLATER COLO	1	3	7	14	30	60	90	120	183							
1957	2.80	3	2.80	2	2.80	2	2.80	1	3.00	1	3.10	1	3.20	1	3.40	1
1958	4.50	6	4.60	6	4.70	6	5.60	6	6.40	6	6.80	6	7.10	6	7.80	5
1959	3.50	5	3.50	5	3.50	5	3.50	5	3.50	3	3.70	3	3.80	3	4.10	3
1960	3.30	4	3.30	4	3.40	4	3.60	5	4.70	5	5.60	5	6.00	5	11.00	6
1961	2.70	2	2.80	3	3.10	3	3.30	3	3.50	4	3.60	4	3.70	4	4.00	2
1962	5.20	7	5.40	7	5.90	7	6.10	7	7.10	7	9.00	7	12.00	7	14.00	7
1963	2.40	1	2.50	1	2.60	1	2.70	1	2.90	2	3.00	2	3.10	2	4.50	4

GREEN RIVER BASIN

09251900 NORTH FORK LITTLE SNAKE RIVER NEAR SLATER, 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)											
10.3	8.80	6.43	5.39	6.56	6.89	35.4	195	204	35.5	8.60	6.39
61.1	35.3	17.0	8.73	35.9	14.7	1040	3931	8559	1266	9.13	7.27
7.82	5.94	4.12	2.95	5.99	3.84	32.2	62.7	92.5	35.6	3.02	2.70
1.04	0.88	1.57	1.28	2.43	1.96	1.27	0.77	1.79	2.35	2.16	1.59
0.76	0.68	0.64	0.55	0.31	0.56	0.91	0.32	0.45	1.00	0.35	0.42
1.94	1.66	1.21	1.02	1.24	1.30	6.69	36.8	38.6	6.70	1.62	1.21

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)											
0.91	0.86	0.74	0.68	0.72	0.79	1.41	2.27	2.28	1.43	0.92	0.78
0.10	0.08	0.06	0.05	0.08	0.04	0.13	0.02	0.03	0.10	0.02	0.03
0.31	0.29	0.25	0.22	0.28	0.20	0.37	0.14	0.17	0.31	0.13	0.16
0.63	0.38	0.73	0.75	1.84	1.20	0.73	0.28	0.92	1.69	1.62	0.79
0.34	0.34	0.33	0.32	0.39	0.25	0.26	0.06	0.08	0.22	0.14	0.21
6.60	6.24	5.39	4.95	5.21	5.75	10.2	16.5	16.5	10.4	6.65	5.63

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
44.2	152	12.3	0.13	0.28	-0.538

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.63	0.02	0.12	-0.06	0.08	-0.572

09252500 SOUTH FORK LITTLE SNAKE RIVER NEAR BATTLE CREEK, COLO.

LOCATION.--Lat 40°58'35", long 107°02'59", in NW¼NW¼ sec.28, T.12 N., R.86 W., Routt County, 1.2 mi (1.9 km) upstream from mouth and 10 mi (16 km) east of Battle Creek.

DRAINAGE AREA.--46 mi² (120 km²), approximately.

REMARKS.--Diversions above station for irrigation of about 360 acres (1.46 km²) above station and about 80 acres (324,000 m²) below station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
SF LITTLE SNAKE RIVER NEAR BATTLE CREEK, 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																																					
1914													3	31	134	46	54	9	13	3	2	7	10	6	10	8	15	12	2								
1915										6	44		9	18	7	121	37	27	5	7	18	18	32	13	3												
1916											27	27	17	42	71	16	29	5	7	24	6	37	5	9	16	14	7	6	1								
1917									1	1	10	23	99	46	19	8	14	3	33	3	2	3	3	35	2	1	37	5	1	16							
1918												15	35	125	44	18	5	7																			
1919			17	7	12	4	1	4	23	18	3	13	1	14	122	6	2	2	3	3	4	5	2	39	21	11	11	6	9	2							
1920		2	3	8	42	14	17	15	32		5	63		7	34	10	9	13	4	28		2	1	4	8	3	6	16	3	1	1	5	6	1	3		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2557	100.0	12	4.8	148	2032	79.5	24	72	60	303	11.8
1	0.30	19	2557	100.0	13	6.0	329	1884	73.7	25	90	55	243	9.5
2	0.50	10	2538	99.3	14	7.5	194	1555	60.8	26	110	74	188	7.3
3	0.60	20	2528	98.9	15	9.4	250	1361	53.2	27	140	54	114	4.4
4	0.80	46	2508	98.1	16	12.0	213	1111	43.4	28	180	24	60	2.3
5	1.00	15	2462	96.3	17	15.0	146	898	35.1	29	220	20	36	1.4
6	1.20	21	2447	95.7	18	19.0	81	752	29.4	30	280	1	16	.6
7	1.50	73	2426	94.9	19	23.0	65	671	26.2	31	350	5	15	.5
8	1.90	83	2353	92.0	20	29.0	42	606	23.7	32	440	6	10	.3
9	2.40	4	2270	88.8	21	36.0	36	564	22.1	33	550	1	4	.1
10	3.00	76	2266	88.6	22	46.0	108	528	20.6	34	680	3	3	.1
11	3.80	158	2190	85.6	23	57.0	117	420	16.4					

09252500 SOUTH FORK LITTLE SNAKE RIVER NEAR BATTLE 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
SF LITTLE SNAKE RIVER NEAR BATTLE CREEK, CO.

YEAR	1	3	7	15	30	60	90	120	183
1914	240.0 3	229.0 3	216.0 3	198.0 3	181.0 3	137.0 3	104.0 3	82.0 3	58.0 3
1915	104.0 7	88.0 7	81.0 7	72.0 7	68.0 7	66.0 6	56.0 6	46.0 6	34.0 6
1916	226.0 4	210.0 4	199.0 4	157.0 4	140.0 4	117.0 4	91.0 4	80.0 4	57.0 4
1917	260.0 2	260.0 2	260.0 2	260.0 2	205.0 2	162.0 2	128.0 2	105.0 2	73.0 2
1918	154.0 6	142.0 6	123.0 6	108.0 6	93.0 6	62.0 7	46.0 7	36.0 7	26.0 7
1919	184.0 5	180.0 5	167.0 5	151.0 5	122.0 5	97.0 5	84.0 5	70.0 5	49.0 5
1920	760.0 1	581.0 1	536.0 1	455.0 1	337.0 1	221.0 1	156.0 1	120.0 1	81.0 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 LITTLE SNAKE RIVER NEAR BATTLE CREEK, CO.

YEAR	1	3	7	14	30	60	90	120	183
1914	1.50 2	1.70 3	2.00 3	2.30 3	2.40 3	2.90 3	3.50 3	5.10 4	7.30 5
1915	8.00 7	8.00 7	8.00 7	8.40 7	9.50 7	11.00 7	12.00 7	13.00 7	14.00 7
1916	3.00 6	3.00 4	3.70 5	3.80 5	4.00 5	4.50 5	5.80 6	6.40 6	9.90 6
1917	2.00 4	3.00 5	3.00 4	3.30 4	3.50 4	4.10 4	4.80 4	4.90 3	4.90 3
1918	2.90 5	3.50 6	4.20 6	4.30 6	4.90 6	5.20 6	5.70 5	6.00 5	6.30 4
1919	1.50 3	1.50 2	1.60 2	1.70 2	1.80 2	1.90 2	2.60 2	3.20 2	4.70 2
1920	0.40 1	0.40 1	0.40 1	0.41 1	0.47 1	0.90 1	1.10 1	1.00 1	1.40 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)											
8.77	8.70	8.94	7.86	8.00	24.6	52.8	142	81.5	12.0	5.08	4.89
50.6	26.8	32.4	8.48	7.67	385	786	7742	3612	98.4	10.5	14.7
7.11	5.18	5.69	2.91	2.77	19.6	28.0	88.0	60.1	9.92	3.24	3.84
1.77	-0.25	1.04	0.08	0.07	1.05	0.35	1.80	1.57	1.62	0.11	1.23
0.81	0.60	0.64	0.37	0.35	0.80	0.53	0.62	0.74	0.83	0.64	0.78
2.40	2.38	2.45	2.15	2.19	6.73	14.5	38.9	22.3	3.28	1.39	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)											
0.82	0.81	0.87	0.87	0.88	1.28	1.65	2.09	1.82	0.95	0.60	0.56
0.14	0.20	0.10	0.03	0.03	0.11	0.08	0.05	0.09	0.14	0.14	0.15
0.38	0.45	0.31	0.17	0.16	0.34	0.29	0.23	0.30	0.37	0.38	0.38
-0.71	-1.84	-0.72	-0.41	-0.57	0.43	-1.00	0.74	0.32	-0.11	-0.96	-0.33
0.46	0.56	0.36	0.20	0.19	0.27	0.17	0.11	0.17	0.39	0.63	0.68
6.21	6.14	6.56	6.57	6.66	9.67	12.5	15.9	13.8	7.21	4.51	4.25

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
30.5	88.1	9.39	-0.49	0.31	-0.341

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.46	0.02	0.15	-1.01	0.10	-0.322

09253000 LITTLE SNAKE RIVER NEAR SLATER, COLO.

LOCATION.--Lat 40°59'58", long 107°08'34", in NW¼SW¼ sec.15, T.12 N., R.87 W., Routt County, on left bank just downstream from highway bridge at Focus Ranch, 0.2 mi (0.3 km) downstream from Spring Creek, and 12 mi (19 km) east of Slater.

DRAINAGE AREA.--285 mi² (738 km²).

REMARKS.--Diversion for irrigation of about 2,000 acres (8.09 km²) above station.

09253000 LITTLE SNAKE RIVER NEAR SLATER, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LITTLE SNAKE RIVER NEAR SLATER, CO.

CLASS YEAR	NUMBER OF DAYS IN CLASS																																			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
1943			16	6	17	51	11	99	12	35	4	4	4	3	4	2	3	6	8	3	4	5	6	14	13	7	13	12	1						2	
1944	7	15	9	37	47	39	48	31	11	3	11	11	6	5	13	4	4	2	4	3	4	2	2	4	5	6	3	9	14	7						
1945			1	57	56	46	21	19	18	10	9	2	9	7	8	7	8	6	5	1	3	4	4	4	3	2	8	14	22	8	3					
1946				12	12	21	26	52	58	66	5	10	2	2	4	7	11	4	2	3	2	2	4	18	21	10	10	1								
1947				4	21	48	85	30	19	20	10	7	14	5	7	2	6	9	5	8	6	5	1	5	8	16	12	4	3							
1951				3	24	37	55	75	22	9	17	8	11	10	4	5	4	3	4	6	5	7	3	4	4	19	8	5	9	4						
1952				13	17	24	90	57	14	21	11	11	6	5	3	3	10	6	3	2	3	1	4	4	2	3	3	5	18	10	11	5	1			
1953				1	47	49	79	28	19	20	10	13	10	4	6	3	3	4	5	11	6	3	7	3	3	4	1	9	12	4	1					
1954				12	32	20	47	73	69	15	4	5	2	5	7	3	2	4	8	7	10	7	5	6	13	7	2									
1955				14	12	37	90	62	22	16	12	3	7	4	3	2	2	2	6	7	4	2	5	5	3	18	15	9	3							
1956		5	29	8	21	29	76	52	16	9	5	7	8	11	8	6	3	3	2	4	1	5	2	3	6	8	9	4	7	14	5					
1957		12	9	1	20	88	39	44	18	11	6	6	3	3	3	5	7	9	4	1	2	5	2	9	6	7	8	17	8	5	7					
1958			5	19	15	14	16	32	86	53	25	12	5	5	1	3	2	7	5	5	6	4	3	4	1	2	11	4	5	5	10					
1959		5	10	13	72	17	80	26	20	8	9	12	8	9	2	2	5	4	4	4	3	5	7	10	13	9	8									
1960		1	26	25	14	23	51	45	20	7	11	13	14	8	8	7	5	4	4	4	8	9	8	8	8	14	13	6	2							
1961			9	9	30	34	73	32	12	20	22	20	21	11	4	4	4	4	6	5	1	5	5	6	3	11	8	6								
1962			10	15	10	12	10	13	54	54	18	31	38	10	1	2	2	4	1	1	2	4	5	8	4	22	10	11	6	2	5					
1963			3	11	28	52	54	28	15	39	19	8	6	8	12	10	7	7	6	4	1	4	6	3	3	7	18	4	2							
1964				2	20	52	102	47	19	11	7	4	5	4	6	7	5	3	9	4	2	5	1	2	2	8	4	5	12	6	9	3				
1965				13	24	14	37	97	13	13	19	16	13	7	3	9	2	3	5	2	6	2	8	6	3	10	5	9	12	8	6					
1966		4	17	17	2	20	44	62	39	17	27	11	7	10	1	4	7	6	13	5	6	7	3	5	21	5	2	3								
1967	1	2	4	6	13	23	63	74	25	17	15	4	7	5	8	4	12	12	5	5	4	3	4	7	4	12	8	11	2							
1968				1	5	61	109	37	12	18	16	16	11	5	1	4	3	1	4	2	2	4	7	8	7	5	9	9	6	3						
1969			3	12	18	27	94	76	10	8	3	8	2	5	6	3	4	6	6	5	7	11	11	4	3	10	18	5								
1970				18	70	107	29	20	12	18	6	5	3	2	6	4	1	3	1	2	2	3	1	2	3	4	5	7	13	11	10	3				
1971						29	53	63	54	36	9	10	4	7	2	1	3	1	3	2	3	8	8	5	7	5	11	11	17	12	1					
1972			4	11	25	36	39	52	40	17	8	6	16	14	9	4	4	4	5	4	4	9	5	6	9	6	9	9	11							
1973				4	11	19	81	89	43	15	4	8	5	3	7	3	8	2	2	2	3	11	2	10	14	7										
1974		1	14	8	22	48	82	24	19	24	13	5	7	6	3	4	4	4	1	1	3	2	2	3	5	2	4	17	9	12	6	7	3			
1975				11	66	49	72	19	23	10	7	6	4	8	3	7	5	5	2	1	5	2	3	1	3	6	21	10	9	7						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	10957	100.0	12	63.0	294	3619	33.0	24	550	150	1586	14.4
1	8.50	8	10957	100.0	13	75.0	288	3325	30.3	25	650	219	1436	13.1
2	10.00	35	10949	99.9	14	90.0	243	3037	27.7	26	780	213	1217	11.1
3	12.00	178	10914	99.6	15	110.0	166	2794	25.5	27	940	222	1004	9.1
4	15.00	398	10736	98.0	16	130.0	116	2628	24.0	28	1100	250	782	7.1
5	18.00	655	10338	94.4	17	150.0	135	2512	22.9	29	1300	241	532	4.8
6	21.00	958	9683	88.4	18	180.0	154	2377	21.7	30	1600	148	291	2.6
7	25.00	1352	8725	79.6	19	220.0	165	2223	20.3	31	1900	90	143	1.3
8	30.00	1540	7373	67.3	20	270.0	104	2058	18.8	32	2300	42	53	.4
9	36.00	941	5833	53.2	21	320.0	110	1954	17.8	33	2800	8	11	.1
10	44.00	709	4892	44.6	22	380.0	130	1844	16.8	34	3300	3	3	
11	52.00	564	4183	38.2	23	460.0	128	1714	15.6					

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 SNAKE RIVER NEAR SLATER, CO.

YEAR	1	3	7	15	30	60	90	120	183
1943	2340.0 9	2040.0 12	1590.0 18	1300.0 20	1040.0 22	922.0 20	750.0 16	589.0 15	401.0 15
1944	1750.0 18	1700.0 18	1650.0 16	1580.0 15	1410.0 14	1030.0 16	728.0 18	567.0 18	381.0 18
1945	2270.0 11	2130.0 10	1850.0 14	1650.0 13	1520.0 12	1340.0 7	1010.0 7	787.0 7	531.0 7
1946	1310.0 24	1270.0 24	1230.0 24	1090.0 23	971.0 24	897.0 21	703.0 21	553.0 20	379.0 20
1947	2020.0 14	1960.0 14	1870.0 13	1620.0 14	1400.0 15	1130.0 13	852.0 13	669.0 13	458.0 12
1951	1820.0 16	1770.0 16	1680.0 15	1540.0 16	1260.0 17	981.0 17	741.0 17	578.0 17	394.0 17
1952	2830.0 2	2550.0 4	2330.0 4	2050.0 5	1770.0 6	1590.0 2	1160.0 3	889.0 4	595.0 4
1953	1630.0 19	1510.0 20	1350.0 21	1230.0 21	1110.0 21	744.0 25	550.0 25	425.0 25	291.0 25
1954	876.0 30	815.0 30	753.0 30	693.0 30	589.0 30	455.0 30	344.0 30	267.0 30	186.0 30
1955	1240.0 25	1140.0 26	997.0 27	945.0 26	908.0 26	749.0 24	560.0 24	432.0 24	294.0 24
1956	1990.0 15	1940.0 15	1900.0 12	1800.0 10	1550.0 11	1210.0 12	872.0 12	674.0 12	452.0 13
1957	2780.0 3	2700.0 2	2520.0 3	2280.0 3	1910.0 2	1500.0 4	1150.0 4	899.0 3	606.0 3
1958	2690.0 4	2640.0 3	2610.0 2	2390.0 2	1910.0 3	1270.0 10	914.0 11	702.0 11	479.0 11
1959	1090.0 29	1040.0 29	949.0 29	850.0 29	796.0 29	644.0 27	476.0 26	372.0 26	255.0 27
1960	1460.0 22	1380.0 22	1240.0 23	1050.0 25	1020.0 23	799.0 23	655.0 23	517.0 23	349.0 23
1961	1210.0 26	1160.0 25	1140.0 25	1060.0 24	911.0 25	645.0 26	464.0 28	365.0 28	256.0 26
1962	2520.0 5	2450.0 5	2320.0 5	1880.0 8	1640.0 8	1340.0 8	1050.0 5	808.0 5	549.0 5
1963	1100.0 28	1060.0 28	953.0 28	905.0 27	874.0 27	612.0 28	448.0 29	355.0 29	246.0 29
1964	2090.0 13	2010.0 13	1910.0 11	1720.0 11	1500.0 13	1070.0 15	767.0 15	589.0 16	396.0 16
1965	2290.0 10	2230.0 8	2130.0 8	1820.0 9	1550.0 9	1240.0 11	935.0 9	725.0 9	494.0 9
1966	1150.0 27	1120.0 27	1040.0 26	877.0 28	803.0 28	607.0 29	468.0 27	367.0 27	251.0 28
1967	1600.0 20	1530.0 19	1410.0 20	1360.0 19	1230.0 18	923.0 19	684.0 22	543.0 22	370.0 22
1968	2350.0 8	2330.0 7	2260.0 7	2030.0 6	1720.0 7	1290.0 9	920.0 10	709.0 10	480.0 10
1969	1360.0 23	1320.0 23	1300.0 22	1220.0 22	1170.0 20	893.0 22	713.0 19	561.0 19	380.0 19
1970	2410.0 6	2360.0 6							

09253000 LITTLE SNAKE RIVER NEAR SLATER, 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
LITTLE SNAKE RIVER NEAR SLATER, CO.

YEAR	1	3	7	15	30	60	90	120	183
1971	2410.0 7	2200.0 9	2040.0 9	1910.0 7	1830.0 5	1560.0 3	1230.0 2	957.0 2	642.0 2
1972	1540.0 21	1490.0 21	1480.0 19	1380.0 18	1220.0 19	929.0 18	704.0 20	552.0 21	378.0 21
1973	1800.0 17	1730.0 17	1600.0 17	1440.0 17	1400.0 16	1120.0 14	817.0 14	632.0 14	432.0 14
1974	3400.0 1	3230.0 1	2990.0 1	2870.0 1	2310.0 1	1950.0 1	1440.0 1	1100.0 1	740.0 1
1975	2110.0 12	2060.0 11	1940.0 10	1720.0 12	1550.0 10	1340.0 6	979.0 8	756.0 8	509.0 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
LITTLE SNAKE RIVER NEAR SLATER, CO.

YEAR	1	3	7	14	30	60	90	120	183
1944	12.00 8	12.00 7	13.00 9	13.00 6	15.00 5	18.00 8	20.00 8	22.00 11	22.00 5
1945	8.60 1	8.90 1	9.20 1	9.60 1	11.00 1	15.00 3	17.00 1	18.00 1	18.00 1
1946	24.00 26	25.00 26	25.00 23	31.00 28	34.00 28	36.00 25	41.00 26	44.00 27	45.00 26
1947	18.00 21	18.00 21	18.00 19	19.00 17	22.00 18	27.00 20	31.00 23	31.00 20	33.00 18
1952	15.00 15	16.00 14	18.00 20	19.00 18	21.00 17	25.00 17	26.00 17	27.00 15	29.00 15
1953	15.00 16	16.00 15	16.00 15	16.00 13	17.00 12	18.00 9	19.00 5	19.00 2	21.00 2
1954	14.00 13	14.00 11	15.00 10	15.00 11	15.00 6	17.00 4	20.00 9	21.00 6	23.00 9
1955	12.00 9	12.00 8	12.00 6	14.00 9	16.00 9	20.00 13	23.00 14	22.00 12	23.00 10
1956	12.00 10	12.00 9	12.00 7	13.00 7	15.00 7	18.00 5	21.00 10	23.00 13	27.00 14
1957	11.00 4	11.00 3	11.00 2	12.00 2	12.00 2	13.00 1	17.00 2	21.00 7	22.00 6
1958	25.00 27	25.00 27	25.00 24	28.00 25	28.00 24	37.00 26	43.00 27	43.00 26	46.00 27
1959	15.00 14	16.00 16	17.00 16	17.00 14	18.00 13	19.00 10	19.00 6	21.00 8	22.00 7
1960	11.00 5	11.00 4	11.00 3	12.00 3	17.00 10	26.00 18	26.00 15	27.00 16	39.00 23
1961	11.00 6	12.00 5	12.00 4	13.00 4	13.00 3	15.00 2	17.00 3	19.00 3	21.00 3
1962	23.00 25	24.00 24	26.00 27	28.00 26	33.00 27	42.00 28	52.00 28	55.00 28	64.00 28
1963	10.00 3	12.00 6	13.00 8	14.00 8	16.00 8	18.00 6	19.00 4	21.00 4	22.00 8
1964	14.00 11	15.00 12	15.00 11	15.00 10	17.00 11	19.00 11	20.00 7	21.00 5	21.00 4
1965	16.00 17	16.00 17	16.00 12	17.00 15	18.00 14	19.00 12	21.00 11	23.00 14	26.00 13
1966	22.00 24	24.00 25	25.00 25	26.00 23	26.00 22	29.00 21	30.00 21	33.00 23	42.00 24
1967	9.00 2	10.00 2	12.00 5	13.00 5	14.00 4	18.00 7	21.00 12	22.00 9	25.00 11
1968	17.00 20	17.00 18	18.00 17	19.00 19	24.00 21	29.00 22	29.00 19	30.00 18	33.00 19
1969	20.00 22	22.00 22	26.00 26	28.00 24	30.00 25	33.00 24	34.00 24	35.00 24	35.00 21
1970	16.00 18	17.00 19	18.00 18	21.00 20	23.00 19	26.00 19	30.00 20	32.00 21	33.00 20
1971	25.00 28	27.00 28	28.00 28	30.00 27	31.00 26	38.00 27	39.00 25	41.00 25	42.00 25
1972	12.00 7	14.00 10	16.00 13	18.00 16	19.00 16	24.00 15	26.00 16	29.00 17	32.00 16
1973	17.00 19	18.00 20	19.00 21	21.00 21	23.00 20	24.00 16	27.00 18	32.00 22	35.00 22
1974	21.00 23	22.00 23	24.00 22	26.00 22	27.00 23	30.00 23	31.00 22	31.00 19	32.00 17
1975	14.00 12	15.00 13	16.00 14	16.00 12	18.00 15	21.00 14	22.00 13	22.00 10	25.00 12

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
34.9	33.0	30.9	30.6	32.2	46.5	268	1073	958	151	37.6	26.9
330	161	97.0	90.3	94.2	301	43210	128200	182300	12390	270	184
18.2	12.7	9.85	9.50	9.70	17.3	208	358	427	111	16.4	13.6
1.57	1.75	0.94	0.61	1.40	1.15	1.34	0.92	0.30	1.68	1.83	1.85
0.52	0.38	0.32	0.31	0.30	0.37	0.78	0.33	0.45	0.74	0.44	0.50
1.28	1.21	1.14	1.12	1.18	1.71	9.85	39.4	35.2	5.55	1.38	0.99

STATISTICS ON LDG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.50	1.49	1.47	1.47	1.49	1.54	2.32	3.01	2.93	2.08	1.54	1.39
0.04	0.02	0.02	0.02	0.01	0.02	0.10	0.02	0.05	0.09	0.03	0.04
0.20	0.15	0.13	0.13	0.12	0.15	0.31	0.14	0.23	0.29	0.17	0.19
0.59	0.72	0.23	0.02	0.81	0.38	0.37	0.17	-0.93	0.20	0.45	0.48
0.13	0.10	0.09	0.00	0.08	0.09	0.14	0.05	0.08	0.14	0.11	0.14
6.70	6.69	6.59	6.56	6.68	7.35	10.4	13.5	13.1	9.33	6.91	6.21

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
227	4515	67.2	0.29	0.30	0.080

STATISTICS ON LDG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.34	0.02	0.13	-0.40	0.06	0.111

GREEN RIVER BASIN

09253500 BATTLE CREEK NEAR SLATER, COLO.

LOCATION.--Lat 41°00'12", long 107°14'16", in SW¼SE¼ sec.13, T.12 N., R.88 W., Carbon County, Wyoming, on left bank 10 ft (3 m) upstream from bridge on State Highway 129, 180 ft (55 m) upstream from Wyoming-Colorado State line, 0.3 mi (0.5 km) upstream from mouth, and 6.3 mi (10.1 km) east of Slater.

DRAINAGE AREA.--85.3 mi² (220.9 km²).

REMARKS.--Diversions above station for irrigation of about 230 acres (931,000 m²) above station and about 70 acres (283,000 m²) below.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BATTLE CREEK NEAR SLATER, CO.

CLASS YEAR	NUMBER OF DAYS IN CLASS																																		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1943				2	24	72	18	64	20	10	6	5	35	4	2	1	2	2	1	3	7	9	22	21	16	4	7	3	1	1					
1944			1	24	59	74	39	25	16	5	6	4	13	8	8	5	3	3	7	4	2	3	6	4	2	5	7	4	7	4	14	4			
1945			1	9	23	28	50	45	13	20	16	13	9	6	7	21	5	10	5	4	3	1	4	4	3	10	7	14	18	15	1				
1946		3	8	5	10	11	6	41	69	25	39	7	33	5	2	4	5	6	6	3	3	1	4	3	1	2	21	19	10	7	3	3			
1947				1	21	68	89	16	12	15	5	7	6	7	9	10	6	6	2	8	7	8	3	6	4	3	9	12	13	10	2				
1948		7	8	3	5	6	24	43	76	55	14	9	13	11	6	3	2	2	5	1	5	5	8	6	10	3	3	4	4	5	2	5	7	4	2
1949				31	56	31	57	46	8	12	9	2	2	6	1	5	5	6	4	3	4	3	6	1	7	5	4	17	7	11	13	2	1		
1950			3	9	15	68	52	51	17	19	16	7	3	2	4	5	1	4	4	13	9	7	5	3	5	3	4	9	9	12	6				
1951					22	6	60	93	30	15	5	10	7	7	9	9	4	4	7	6	4	8	4	3	6	14	7	10	5	1	5	4			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	3287	100.0	12	18.0	138	1210	36.8	24	160	54	560	17.0
1	2.60	10	3287	100.0	13	22.0	65	1072	32.6	25	190	48	506	15.3
2	3.10	16	3277	99.7	14	26.0	42	1007	30.6	26	220	78	458	13.9
3	3.70	12	3261	99.2	15	31.0	47	965	29.4	27	270	62	380	11.5
4	4.40	75	3249	98.8	16	38.0	58	918	27.9	28	320	59	318	9.6
5	5.30	234	3174	96.6	17	45.0	41	860	26.2	29	380	79	259	7.8
6	6.30	248	2940	89.4	18	54.0	42	819	24.9	30	460	57	180	5.4
7	7.60	464	2692	81.9	19	64.0	41	777	23.6	31	540	76	123	3.7
8	9.00	526	2228	67.8	20	77.0	33	736	22.4	32	650	38	47	1.4
9	11.00	262	1702	51.8	21	92.0	42	703	21.4	33	780	6	9	.2
10	13.00	136	1440	43.8	22	110.0	51	661	20.1	34	930	3	3	
11	15.00	94	1304	39.7	23	130.0	50	610	18.6					

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BATTLE CREEK NEAR SLATER, CO.

YEAR	1	3	7	15	30	60	90	120	183
1943	765.0 3	612.0 8	462.0 9	345.0 9	273.0 9	255.0 9	224.0 9	178.0 9	122.0 9
1944	721.0 6	701.0 5	647.0 4	622.0 3	544.0 4	383.0 6	271.0 6	212.0 6	142.0 6
1945	694.0 7	646.0 7	599.0 7	522.0 7	491.0 6	470.0 2	365.0 2	286.0 2	195.0 2
1946	605.0 9	570.0 9	518.0 8	430.0 8	347.0 8	321.0 8	253.0 7	196.0 7	133.0 7
1947	668.0 8	657.0 6	605.0 6	543.0 6	492.0 5	416.0 3	313.0 4	248.0 3	170.0 3
1948	952.0 1	930.0 1	869.0 1	774.0 1	605.0 2	392.0 5	285.0 5	219.0 5	147.0 5
1949	930.0 2	853.0 2	781.0 2	708.0 2	625.0 1	526.0 1	405.0 1	314.0 1	209.0 1
1950	733.0 4	721.0 3	642.0 5	596.0 4	567.0 3	413.0 4	317.0 3	246.0 4	166.0 4
1951	732.0 5	701.0 4	649.0 3	552.0 5	420.0 7	327.0 7	247.0 8	194.0 8	132.0 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
BATTLE CREEK NEAR SLATER, CO.

YEAR	1	3	7	14	30	60	90	120	183
1944	4.30 4	4.40 4	4.40 3	4.40 3	4.70 3	5.70 1	6.60 2	6.80 1	6.90 1
1945	4.10 3	4.30 3	4.70 4	4.80 4	5.30 4	5.70 2	6.30 1	6.80 2	7.30 2
1946	8.00 8	8.00 8	8.00 8	8.00 8	8.10 7	8.80 6	8.90 6	9.80 8	11.00 8
1947	2.60 1	2.90 2	3.20 2	3.40 2	4.60 2	6.10 3	7.50 3	8.20 3	8.40 3
1948	6.80 7	6.80 6	7.00 6	7.20 6	7.80 6	8.90 7	9.00 7	9.10 6	9.40 6
1949	2.80 2	2.80 1	2.90 1	3.10 1	4.30 1	6.60 4	7.80 4	8.30 4	8.60 4
1950	4.50 5	4.70 5	5.20 5	5.90 5	6.20 5	6.60 5	8.10 5	8.60 5	9.30 5
1951	6.00 6	7.10 7	7.80 7	8.00 7	8.20 8	8.90 8	9.10 8	9.30 7	9.50 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)											
9.88	9.77	8.74	8.39	8.06	17.0	102	377	373	61.6	13.3	7.41
7.29	1.95	1.67	2.10	1.51	87.7	3260	10440	13100	1285	85.7	8.50
2.70	1.40	1.29	1.45	1.23	9.37	57.1	102	114	35.9	9.26	2.92
0.75	1.12	-0.26	-0.93	-0.75	2.38	0.67	-0.08	0.23	1.68	2.34	1.06
0.27	0.14	0.15	0.17	0.15	0.55	0.56	0.27	0.31	0.58	0.70	0.39
0.99	0.98	0.88	0.84	0.81	1.70	10.2	37.9	37.4	6.18	1.33	0.74

09253500 BATTLE CREEK NEAR SLATER, 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)											
0.98	0.99	0.94	0.92	0.90	1.19	1.95	2.56	2.55	1.73	1.06	0.84
0.01	0.00	0.00	0.01	0.00	0.03	0.06	0.02	0.02	0.05	0.05	0.02
0.12	0.06	0.07	0.08	0.07	0.18	0.25	0.12	0.14	0.23	0.22	0.16
0.07	0.89	-0.53	-1.06	-0.92	1.60	0.13	-0.27	0.05	0.27	1.64	0.73
0.12	0.06	0.07	0.09	0.08	0.15	0.13	0.05	0.05	0.13	0.21	0.19
5.91	5.94	5.64	5.52	5.43	7.16	11.7	15.4	15.4	10.4	6.38	5.08

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
83.2	235	15.3	0.65	0.18	-0.280

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.91	0.01	0.08	0.43	0.04	-0.262

09254500 SLATER FORK AT BAXTER RANCH, NEAR SLATER, COLO.

LOCATION.--Lat 40°53'22", long 107°19'48", in SE¼SW¼ sec.24, T.11 N., R.89 W., Moffat County, at Baxter Ranch 0.3 mi (0.5 km) upstream from Beaver Creek and 8 mi (13 km) south of Slater.

DRAINAGE AREA.--80 mi² (207 km²), approximately.

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
SLATER FORK AT BAXTER RANCH, NEAR SLATER, 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
1914													11	89	46	51	17	10	39	1	2	15	3	5	4	5	5	9	7	8	7	11	17	3	
1915												14	11	90	44	33	20	8	39	4	6	1	4	3	14	7	8	21	21	12	5				
1916													18	79	83	22	9	6	37	2	4	5	10	30		1	2	1	46	5	6				
1917													6	1	32	77	34	17	65	16	10	34	3	1	4	3	3	4	2	4	11	17	14	6	1
1918									1	38		5	37	78	37	26	2	8	33	11	7	16	5	6	1	1	3	7	10	17	14	2			
1919	15	2	10	14	13	11	10		3	6	1	4	4	35	42	56	14	19	6	4	31	3	3	1	3	13	9	4	11	15	3				
1920						3	2	2	58	7	36	45	44	11	11	24	29	13	9	5	6	4	3	3	7	1	3	7	10	10	6	7			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2557	100.0	12	12.0	132	2302	90.0	24	120	29	461	18.0
1	1.50	15	2557	100.0	13	15.0	416	2170	84.9	25	150	37	432	16.8
2	1.80	2	2542	99.4	14	18.0	295	1754	68.6	26	180	31	395	15.4
3	2.20	10	2540	99.3	15	22.0	276	1459	57.1	27	220	49	364	14.2
4	2.70	14	2530	98.9	16	27.0	120	1183	46.3	28	270	104	315	12.3
5	3.20	13	2516	98.4	17	32.0	97	1063	41.6	29	320	71	211	8.2
6	3.90	14	2503	97.9	18	39.0	232	966	37.8	30	390	56	140	5.4
7	4.70	12	2489	97.3	19	47.0	47	734	28.7	31	480	36	84	3.2
8	5.70	6	2477	96.9	20	58.0	65	687	26.9	32	580	38	48	1.8
9	7.00	102	2471	96.6	21	70.0	80	622	24.3	33	700	9	10	.3
10	8.40	8	2369	92.6	22	84.0	32	542	21.2	34	850	1	1	
11	10.00	59	2361	92.3	23	100.0	49	510	19.9					

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

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
SLATER FORK AT BAXTER RANCH, NEAR SLATER, CO.

YEAR	1	3	7	15	30	60	90	120	183
1914	745.0	700.0	650.0	625.0	608.0	474.0	364.0	286.0	197.0
1915	458.0	428.0	386.0	338.0	335.0	296.0	249.0	200.0	139.0
1916	470.0	457.0	421.0	369.0	330.0	306.0	239.0	196.0	139.0
1917	895.0	828.0	698.0	668.0	598.0	522.0	379.0	301.0	209.0
1918	510.0	484.0	434.0	393.0	364.0	317.0	236.0	188.0	132.0
1919	414.0	391.0	372.0	366.0	333.0	253.0	183.0	151.0	105.0
1920	630.0	617.0	601.0	552.0	471.0	337.0	242.0	190.0	132.0

09254500 SLATER FORK AT BAXTER RANCH, NEAR SLATER, 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
SLATER FORK AT BAXTER RANCH, NEAR SLATER, CO.

YEAR	1	3	7	14	30	60	90	120	183
1914	10.00 3	13.00 7	15.00 7	15.00 7	15.00 5	15.00 4	17.00 4	19.00 5	21.00 5
1915	12.00 6	12.00 5	13.00 5	14.00 5	15.00 6	15.00 5	17.00 5	19.00 6	21.00 6
1916	10.00 4	10.00 3	10.00 3	11.00 3	13.00 4	15.00 6	17.00 6	18.00 4	19.00 3
1917	13.00 7	13.00 6	14.00 6	15.00 6	17.00 7	22.00 7	27.00 7	30.00 7	32.00 7
1918	12.00 5	12.00 4	12.00 4	12.00 4	12.00 3	14.00 3	14.00 3	15.00 2	16.00 2
1919	6.00 2	6.70 2	7.00 2	7.10 2	7.80 2	9.50 2	13.00 2	17.00 3	20.00 4
1920	1.50 1	1.50 1	1.50 1	1.50 1	2.10 1	2.80 1	3.70 1	5.70 1	9.40 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)											
26.2	27.2	20.7	16.7	15.3	38.3	95.2	348	334	60.3	18.4	16.9
170	77.3	28.6	18.9	22.2	234	3247	9738	22640	2041	104	108
13.1	8.79	5.35	4.35	4.72	15.3	57.0	98.7	150	45.2	10.2	10.4
1.21	1.27	0.77	1.36	1.63	-1.14	0.21	1.55	0.56	1.62	-0.24	0.90
0.50	0.32	0.26	0.26	0.31	0.40	0.60	0.28	0.45	0.75	0.55	0.62
2.58	2.67	2.04	1.64	1.50	3.77	9.37	34.2	32.8	5.93	1.81	1.66

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)											
1.37	1.42	1.30	1.21	1.17	1.53	1.85	2.53	2.48	1.66	1.17	1.14
0.04	0.02	0.01	0.01	0.01	0.08	0.20	0.01	0.05	0.15	0.13	0.11
0.21	0.13	0.11	0.10	0.12	0.28	0.45	0.11	0.22	0.39	0.37	0.33
0.01	0.69	0.32	0.95	0.84	-2.32	-1.97	0.79	-0.80	-1.20	-1.61	-1.12
0.15	0.09	0.08	0.09	0.10	0.19	0.24	0.04	0.09	0.24	0.31	0.29
7.30	7.52	6.93	6.43	6.21	8.11	9.84	13.4	13.2	8.81	6.21	6.04

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
84.9	461	21.5	0.93	0.25	-0.026

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.92	0.01	0.10	0.63	0.05	0.058

09255000 SLATER FORK NEAR SLATER, COLO.

LOCATION.--Lat 40°58'57", long 107°22'56", in SW¼NE¼ sec.21, T.12 N., R.89 W., Moffat County, on right bank 15 ft (5 m) downstream from highway bridge, 1.0 mi (1.6 km) upstream from mouth, and 1.5 mi (2.4 km) southwest of Slater.

DRAINAGE AREA.--161 mi² (417 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
SLATER FORK NEAR SLATER, 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																																					
1932												1	7	17	103	49	49	11	12	12	2	5	1	5	9	9	15	12	30	2	10	5					
1933													83	17	23	112	64	3	4	6	4		5	4	4	5	2	12	14	3							
1934	9							3		10		14	24	85	65	43	1	18	20	15	21	11	3	18	5												
1935												1	26	28	14	96	58	48	6	3	5	3	11	9	9	2	4	13	14	13	2						
1936	4	1	1	1	3	1	4	4	4	4	6	15	22	46	94	44	14	25	4	3	2	6	4	8	8	8	15	15	6	2							
1937													9	12	17	47	96	60	18	9	6	5	9	13	9	3	11	13	16	12							
1938													5	5	10	23	48	84	61	32	10	4	5	4	8	6	14	10	16	16	1	3					
1939						1	4	6	5	19		9	10	14	5	28	100	57	12	10	15	13	9	2	15	22	9										
1940						2	5	5	7	15	5	5	10	9	21	47	108	22	14	16	7	3	6	7	5	8	18	21									
1941							1		1	1	1	4	6	27	134	63	18	22	12	7	6	2	7	6	16	15	10	6									
1942								1	3	7	7	15	7	26	4	9	103	43	27	15	7	9	6	6	16	20	8	15	9	2							
1943											6	24	19	19	27	77	76	13	4	5	8	8	10	18	18	15	15	1	1	1							
1944									3	3	9	16	12	11	18	130	51	13	12	11	12	6	4	3	8	6	13	18	7								
1945														5	10	130	56	28	21	10	11	13	4	4	7	9	14	25	9	6	3						

09255000 SLATER FORK NEAR SLATER, COLO.--Continued

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

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
SLATER FORK NEAR SLATER, CO.

Table with 34 columns representing days of the month and rows for years 1946 through 1975. The header row is labeled 'CLASS YEAR' and 'NUMBER OF DAYS IN CLASS'. Data points are integers representing the number of days in each class.

Summary table with 4 columns: CLASS, VALUE, TOTAL, ACCUM, PERCT. It shows cumulative values and percentages for each discharge class from 0 to 11.

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

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
SLATER FORK NEAR SLATER, CO.

Table with 6 columns: YEAR, 1, 3, 7, 15, 30, 60, 90, 120, 183. It displays the highest mean discharge values and their corresponding rankings for various durations of consecutive days from 1932 to 1960.

09255000 SLATER FORK NEAR SLATER, 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
SLATER FORK NEAR SLATER, CO.

YEAR	1	3	7	15	30	60	90	120	183
1961	371.0 39	340.0 39	260.0 43	231.0 43	199.0 43	145.0 43	107.0 43	84.0 43	59.0 43
1962	820.0 15	811.0 11	772.0 10	600.0 14	517.0 14	393.0 16	304.0 15	238.0 15	164.0 15
1963	392.0 37	391.0 36	355.0 36	286.0 38	250.0 39	171.0 42	130.0 42	102.0 42	71.0 42
1964	733.0 20	711.0 19	676.0 15	552.0 17	409.0 24	282.0 26	211.0 26	163.0 28	112.0 28
1965	704.0 21	643.0 21	593.0 20	474.0 23	459.0 19	380.0 17	285.0 17	222.0 16	152.0 16
1966	536.0 31	452.0 33	384.0 33	330.0 34	280.0 36	216.0 37	167.0 36	132.0 36	92.0 36
1967	652.0 22	592.0 25	517.0 25	444.0 26	368.0 29	275.0 27	208.0 27	165.0 26	114.0 26
1968	1070.0 4	939.0 5	842.0 4	749.0 4	639.0 3	466.0 8	333.0 10	258.0 10	176.0 11
1969	599.0 27	566.0 26	528.0 24	505.0 21	459.0 20	345.0 21	273.0 19	215.0 19	146.0 19
1970	1170.0 2	1160.0 1	1030.0 1	894.0 1	729.0 1	535.0 1	380.0 4	292.0 6	201.0 5
1971	741.0 19	714.0 18	620.0 18	554.0 16	496.0 17	463.0 9	368.0 8	290.0 7	199.0 7
1972	307.0 43	285.0 43	275.0 42	242.0 41	225.0 40	194.0 39	152.0 39	127.0 39	90.0 38
1973	872.0 11	832.0 10	775.0 9	713.0 5	582.0 8	453.0 11	328.0 12	256.0 12	176.0 12
1974	1020.0 6	960.0 4	893.0 2	810.0 3	673.0 2	535.0 2	382.0 3	297.0 3	203.0 3
1975	928.0 8	847.0 8	787.0 7	629.0 12	594.0 6	460.0 10	341.0 9	266.0 9	183.0 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
SLATER FORK NEAR SLATER, CO.

YEAR	1	3	7	14	30	60	90	120	183
1933	4.00 28	4.70 31	5.60 33	7.60 35	8.00 33	9.70 32	10.00 25	10.00 20	11.00 14
1934	4.00 29	4.00 28	4.00 27	4.00 25	4.00 17	4.00 8	4.20 3	4.90 1	5.90 1
1935	0.00 1	0.00 1	0.00 1	0.57 1	1.90 4	3.10 4	4.30 4	6.40 4	8.60 4
1936	3.00 26	3.70 27	3.90 25	4.10 26	5.20 24	5.70 16	6.40 8	7.50 7	8.70 5
1937	0.00 2	0.00 2	0.40 3	0.70 2	1.50 1	3.30 5	5.20 5	7.20 6	10.00 11
1938	4.20 30	4.60 29	4.90 30	5.70 29	7.60 30	8.70 27	12.00 31	14.00 30	16.00 30
1939	4.70 33	5.10 33	5.40 31	7.00 33	8.40 34	12.00 36	13.00 33	14.00 31	16.00 31
1940	1.19 15	1.30 14	2.20 18	2.70 16	4.10 20	4.20 9	7.10 15	8.90 14	9.60 7
1941	0.50 6	0.73 7	0.99 6	1.30 5	1.50 2	2.80 3	5.40 6	8.50 11	11.00 15
1942	1.00 13	2.10 22	4.00 26	6.80 31	9.90 36	13.00 37	14.00 36	20.00 41	22.00 42
1943	1.40 17	1.70 18	2.20 19	2.50 13	3.60 13	5.40 14	7.60 18	9.70 17	12.00 19
1944	3.20 27	3.40 26	4.10 28	4.80 27	5.30 25	5.90 17	7.00 14	9.70 18	11.00 16
1945	1.80 21	2.00 21	3.30 22	3.60 23	4.30 21	6.00 18	9.10 22	10.00 19	11.00 17
1946	8.60 42	8.70 41	9.70 42	13.00 42	15.00 43	17.00 43	19.00 43	20.00 42	20.00 40
1947	1.60 20	1.80 19	2.10 17	3.10 19	5.70 26	8.70 28	9.90 23	12.00 23	16.00 32
1948	6.70 38	7.20 38	7.90 37	8.80 36	12.00 40	13.00 38	15.00 37	17.00 37	19.00 39
1949	1.40 18	1.40 15	1.60 11	1.90 8	3.30 10	4.90 12	6.40 9	9.50 16	12.00 18
1950	5.40 36	6.00 36	6.40 35	7.00 32	7.60 31	9.00 29	13.00 34	15.00 35	17.00 36
1951	2.30 24	2.70 24	3.30 23	3.30 22	3.80 14	8.10 24	11.00 26	12.00 24	13.00 20
1952	4.80 34	4.90 32	5.40 32	6.20 30	6.50 28	9.50 31	11.00 27	12.00 25	13.00 21
1953	6.00 37	6.70 37	7.90 38	10.00 40	10.00 37	11.00 33	12.00 32	13.00 28	14.00 27
1954	2.50 25	2.60 23	2.80 21	3.00 18	4.00 18	6.00 19	7.90 19	9.30 15	10.00 12
1955	0.00 3	0.00 3	0.06 2	2.50 14	4.10 19	6.50 22	8.10 20	11.00 21	13.00 22
1956	0.60 7	0.60 5	1.90 15	3.20 20	3.40 12	6.10 20	6.80 10	8.50 12	13.00 23
1957	0.10 4	0.20 4	0.51 4	2.10 10	2.70 8	3.40 6	5.50 7	7.00 5	9.60 8
1958	11.00 43	12.00 43	13.00 43	13.00 43	14.00 42	15.00 40	17.00 40	18.00 38	18.00 37
1959	1.30 16	1.40 16	1.50 9	1.50 6	2.10 5	3.90 7	6.80 11	8.10 9	9.70 9
1960	1.90 22	1.90 20	2.10 16	2.60 15	3.90 16	5.50 15	10.00 24	14.00 32	14.00 28
1961	0.80 11	0.90 8	1.10 7	1.10 3	1.70 3	2.40 1	3.80 1	5.30 2	7.50 2
1962	0.90 12	1.10 12	1.80 13	2.40 11	3.30 11	5.40 13	8.30 21	13.00 29	16.00 33
1963	1.10 14	1.19 13	1.50 10	2.00 9	2.90 9	4.30 11	7.00 12	7.80 8	7.90 3
1964	0.70 9	0.90 9	1.90 14	2.90 17	3.80 15	6.10 21	7.40 16	8.30 10	9.70 10
1965	2.20 23	2.80 25	3.40 24	4.00 24	6.50 29	7.30 23	7.40 17	8.70 13	11.00 13
1966	7.20 39	7.50 39	8.90 40	10.00 41	12.00 41	16.00 42	17.00 41	18.00 39	19.00 38
1967	0.40 5	0.90 10	1.70 12	1.90 7	2.20 6	2.80 2	4.10 2	6.30 3	9.50 6
1968	0.75 10	0.95 11	1.40 8	2.40 12	4.50 22	9.00 30	11.00 28	12.00 26	13.00 24
1969	8.00 40	8.20 40	8.50 39	9.00 37	9.50 35	12.00 34	14.00 35	15.00 33	14.00 25
1970	5.10 35	5.30 34	5.70 34	7.40 34	7.90 32	12.00 35	15.00 38	19.00 40	21.00 41
1971	4.50 31	5.70 35	7.20 36	9.50 38	11.00 38	15.00 41	19.00 42	23.00 43	23.00 43
1972	1.50 19	1.50 17	2.60 20	3.30 21	5.10 23	8.40 25	11.00 29	15.00 34	17.00 34
1973	0.60 8	0.62 6	0.79 5	1.10 4	2.40 7	4.20 10	7.00 13	11.00 22	14.00 26
1974	8.30 41	8.90 42	9.30 41	10.00 39	11.00 39	14.00 39	15.00 39	17.00 36	17.00 35
1975	4.50 32	4.70 30	4.80 29	5.30 28	6.20 27	8.40 26	11.00 30	13.00 27	15.00 29

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
17.0	17.1	16.0	15.9	17.2	25.5	108	367	250	34.6	8.85	9.90
43.5	29.1	19.7	20.5	19.8	76.9	3393	18800	18790	1185	42.2	18.9
6.60	5.39	4.43	4.53	4.45	8.77	58.2	137	137	34.4	6.50	4.35
1.19	0.41	0.03	0.83	0.67	1.32	0.55	0.11	0.37	2.01	2.31	0.62
0.39	0.32	0.28	0.29	0.26	0.34	0.54	0.37	0.55	1.00	0.73	0.44
1.92	1.92	1.80	1.79	1.94	2.87	12.2	41.3	28.2	3.89	1.00	1.12

09255000 SLATER FORK NEAR SLATER, 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)											
1.20	1.21	1.18	1.18	1.22	1.38	1.97	2.53	2.32	1.35	0.85	0.95
0.03	0.02	0.02	0.02	0.01	0.02	0.06	0.04	0.09	0.17	0.09	0.04
0.16	0.14	0.13	0.12	0.11	0.14	0.25	0.20	0.29	0.41	0.30	0.21
0.08	-0.28	-0.70	-0.14	0.11	0.44	-0.14	-1.77	-0.83	0.01	-0.09	-0.46
0.13	0.12	0.11	0.10	0.09	0.10	0.13	0.08	0.13	0.31	0.35	0.22
6.92	6.97	6.83	6.82	7.04	7.98	11.3	14.6	12.4	7.80	4.89	5.48

STATISTICS ON NDRMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
74.1	608	24.7	0.00	0.33	0.056

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.84	0.03	0.16	-0.85	0.09	0.063

09258000 WILLOW CREEK NEAR DIXON, WYO.

LOCATION.--Lat 40°54'56", long 107°31'16", on line between secs.8 and 17, T.11 N., R.90 W., Moffat County, Colorado, on right bank 7 mi (11 km) south of Dixon, 8 mi (13 km) upstream from Colorado-Wyoming State line, and 10 mi (16 km) upstream from mouth.

DRAINAGE AREA.--24 mi² (62 km²), approximately.

REMARKS.--One small ditch diverts water above station for irrigation. Regulation by Elk Lake (capacity, 400 acre-ft or 493,000 m³).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS YEAR	NUMBER OF DAYS IN CLASS																																					
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34			
1954							2	4	7	9	10	18	132	68	9	5	6	16	11	29	21	10	3	3	1	1												
1955	3	2	5	4	2	2	4	4	4	36	113	51	16	11	4	10	7	6	6	11	10	15	22	15	2													
1956		7	7	7	4		4	2	12	14	55	104	13	11	12	9	14	8	7	8	6	13	22	14	10	3												
1957						3	1		2	7	28	101	42	9	17	10	23	9	3	10	4	10	12	14	20	20	15	3	2									
1958									8	16	13	104	65	23	18	16	15	7	4	4	3	7	10	11	12	16	12	1										
1959								1	13	23	38	39	85	43	16	15	20	12	14	11	8	11	5	10	1													
1960							18	17	11	26	77	48	29	8	2	9	16	17	16	4	10	15	11	21	6	5												
1961				1		1	3	18	30	56	37	56	49	29	11	13	11	10	6	5	5	11	9	4														
1962						32	44	4	9	11	20	64	46	12	10	9	8	7	3	6	18	14	18	24	5	1												
1963		1	2	2	2	14	15	20	32	28	42	49	22	23	18	20	14	7	7	13	12	15	6	1														
1964					6	3	11	31	126	24	13	6	19	19	12	4	7	5	5	4	17	15	32	3	3	1												
1965							1	3	71	77	51	15	9	16	10	8	5	11	5	9	20	18	10	14	5	3	4											
1966				5	1	2	1	1	3		36	130	53	16	5	15	14	10	18	17	16	12	8	1	1													
1967				3	2	2	8	12	22	53	50	26	29	16	23	25	8	11	13	7	7	7	5	16	12	7	1											
1968							1		1	12	58	91	48	17	16	10	14	4	13	5	6	6	8	7	17	11	12	7	1	1								
1969									6	17	19	124	48	5	9	13	18	2	9	9	18	21	16	16	8	7												
1970									2	8	13	49	93	65	15	11	9	9	9	4	5	6	5	5	13	22	17	3	2									
1971									2	5	5	17	82	50	31	30	11	13	4	12	11	17	13	27	10	11	8	6										
1972									3	3	23	41	75	34	36	22	21	24	17	8	19	6	10	6	4	7	5	2										
1973									1	1	3	32	88	58	41	21	10	9	9	2	8	8	10	10	8	18	14	4	1	4	2	1						
1974											13	21	36	123	35	15	13	15	8	4	7	5	8	8	17	11	9	11	3	1	1	1						
1975											4	12	18	39	111	41	21	8	10	3	11	3	3	13	14	10	14	15	11	3	1							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	3	8035	100.0	12	2.2	1288	6051	75.3	24	32	267	769	9.5
1	0.10	9	8032	100.0	13	2.8	1219	4763	59.3	25	40	202	502	6.2
2	0.20	13	8023	99.9	14	3.5	607	3544	44.1	26	50	156	300	3.7
3	0.30	14	8010	99.7	15	4.3	331	2937	36.6	27	62	96	144	1.7
4	0.40	18	7996	99.5	16	5.4	298	2606	32.4	28	77	31	48	.5
5	0.50	8	7978	99.3	17	6.7	272	2308	28.7	29	96	11	17	.2
6	0.60	27	7970	99.2	18	8.4	189	2036	25.3	30	120	4	6	
7	0.70	96	7943	98.9	19	10.0	199	1847	23.0	31	150	2	2	
8	0.90	138	7847	97.7	20	13.0	186	1648	20.5	32				
9	1.10	221	7709	95.9	21	16.0	187	1462	18.2	33				
10	1.40	585	7488	93.2	22	20.0	268	1275	15.9	34				
11	1.80	852	6903	85.9	23	25.0	238	1007	12.5					

09258000 WILLOW CREEK NEAR DIXON, WYO.--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
WILLOW CREEK NEAR DIXON, WY.

YEAR	1	3	7	15	30	60	90	120	183
1954	55.0 17	45.0 17	37.0 17	28.0 20	22.0 21	19.0 18	16.0 18	13.0 18	10.0 17
1955	40.0 20	39.0 18	37.0 18	35.0 17	31.0 16	27.0 15	22.0 16	18.0 16	13.0 16
1956	56.0 16	51.0 15	49.0 13	45.0 12	38.0 12	32.0 13	26.0 13	21.0 14	15.0 14
1957	102.0 6	95.0 5	75.0 7	64.0 6	60.0 3	51.0 4	48.0 1	40.0 1	28.0 1
1958	89.0 8	73.0 9	65.0 8	63.0 7	54.0 7	47.0 7	37.0 8	29.0 8	20.0 8
1959	41.0 18	38.0 19	35.0 19	32.0 18	25.0 18	19.0 19	16.0 19	13.0 19	9.9 18
1960	60.0 14	55.0 13	47.0 14	43.0 14	36.0 13	26.0 16	24.0 15	21.0 15	15.0 15
1961	36.0 21	34.0 21	32.0 20	28.0 19	23.0 19	16.0 22	12.0 22	10.0 22	7.7 22
1962	63.0 12	54.0 14	52.0 11	45.0 13	40.0 11	33.0 11	33.0 9	27.0 9	19.0 9
1963	32.0 22	27.0 22	24.0 22	23.0 22	21.0 22	17.0 20	13.0 21	11.0 21	8.7 21
1964	64.0 11	58.0 12	38.0 16	36.0 16	34.0 15	31.0 14	28.0 12	22.0 12	16.0 12
1965	92.0 7	79.0 7	63.0 9	53.0 9	42.0 10	36.0 9	33.0 10	27.0 10	19.0 10
1966	40.0 19	35.0 20	30.0 21	25.0 21	22.0 20	17.0 21	15.0 20	13.0 20	9.5 20
1967	66.0 10	60.0 10	52.0 12	48.0 10	45.0 9	34.0 10	25.0 14	21.0 13	15.0 13
1968	123.0 3	104.0 3	89.0 3	71.0 3	55.0 6	55.0 2	42.0 4	34.0 5	24.0 4
1969	61.0 13	60.0 11	55.0 10	46.0 11	36.0 14	32.0 12	29.0 11	24.0 11	17.0 11
1970	119.0 4	104.0 4	78.0 5	63.0 8	59.0 4	58.0 1	46.0 2	36.0 2	25.0 2
1971	82.0 9	78.0 8	76.0 6	71.0 4	57.0 5	42.0 8	39.0 7	35.0 3	25.0 3
1972	56.0 15	50.0 16	47.0 15	40.0 15	30.0 17	21.0 17	17.0 17	14.0 17	9.8 19
1973	150.0 2	125.0 2	96.0 1	77.0 2	61.0 1	52.0 3	42.0 3	34.0 4	23.0 5
1974	167.0 1	137.0 1	93.0 2	79.0 1	61.0 2	50.0 5	41.0 5	32.0 7	23.0 6
1975	112.0 5	89.0 6	79.0 4	66.0 5	51.0 8	47.0 6	41.0 6	33.0 6	23.0 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
WILLOW CREEK NEAR DIXON, WY.

YEAR	1	3	7	14	30	60	90	120	183
1955	0.80 9	0.83 9	0.94 8	1.70 17	1.70 13	1.80 10	1.80 10	1.80 9	2.00 8
1956	0.00 1	0.00 1	0.09 1	0.19 2	0.59 2	1.19 7	1.60 7	1.80 10	2.00 9
1957	0.10 2	0.10 2	0.11 2	0.16 1	0.43 1	0.86 1	1.30 4	1.60 6	1.90 7
1958	1.80 21	1.80 19	1.90 19	2.20 18	2.20 17	2.30 17	2.40 17	2.50 16	3.10 20
1959	1.00 12	1.19 14	1.19 13	1.50 14	1.70 14	2.00 14	2.00 13	2.10 13	2.40 13
1960	1.19 16	1.19 15	1.30 14	1.30 10	1.50 9	1.90 11	2.00 14	2.10 14	2.40 14
1961	0.70 8	0.77 8	0.79 6	0.83 6	0.97 6	1.10 5	1.40 6	1.40 3	1.40 1
1962	0.40 6	0.57 7	0.80 7	0.80 5	0.80 3	0.90 2	1.10 1	1.50 4	1.80 4
1963	0.20 3	0.37 4	0.57 5	0.90 7	1.00 7	1.10 3	1.19 2	1.50 5	1.80 5
1964	0.30 4	0.33 3	0.56 4	0.64 3	0.96 5	1.19 6	1.30 5	1.30 1	1.40 2
1965	1.00 13	1.10 12	1.10 12	1.40 11	1.50 8	1.80 8	1.70 8	1.80 7	1.80 6
1966	1.70 19	1.80 20	2.10 20	2.20 19	2.30 18	2.40 18	2.40 15	2.50 17	3.00 19
1967	0.40 7	0.40 5	0.51 3	0.67 4	0.95 4	1.10 4	1.19 3	1.40 2	1.60 3
1968	0.85 10	0.88 10	0.98 9	1.40 12	1.70 15	1.90 12	1.90 11	1.90 11	2.10 10
1969	1.70 20	2.10 21	2.30 21	2.30 20	2.40 20	2.40 19	2.50 18	2.50 18	2.70 16
1970	1.10 14	1.10 13	1.30 15	1.70 15	1.80 16	2.20 16	2.70 19	2.70 19	3.00 17
1971	1.30 17	1.40 17	1.60 17	1.70 16	2.30 19	2.70 20	3.00 21	3.10 21	3.20 21
1972	0.85 11	0.90 11	1.00 10	1.19 8	1.60 10	1.60 9	1.70 9	1.80 8	2.30 11
1973	0.32 5	0.52 6	1.10 11	1.30 9	1.60 11	1.90 13	2.00 12	2.10 12	2.30 12
1974	1.70 18	1.80 18	1.90 18	2.30 21	2.50 21	2.70 21	2.80 20	2.90 20	3.00 18
1975	1.19 15	1.30 16	1.30 16	1.50 13	1.70 12	2.10 15	2.40 16	2.30 15	2.50 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,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.67	2.32	2.27	2.33	2.61	4.78	17.4	31.2	34.7	10.1	3.40	2.39
0.87	0.58	0.49	0.45	0.58	9.02	72.2	198	198	54.5	1.50	1.09
0.93	0.76	0.70	0.67	0.76	3.00	8.49	14.1	14.1	7.38	1.23	1.04
0.36	0.27	-0.18	-0.11	1.43	1.94	0.64	0.50	0.19	1.87	0.15	0.49
0.35	0.33	0.31	0.29	0.29	0.63	0.49	0.45	0.40	0.73	0.36	0.44
2.29	2.00	1.96	2.00	2.25	4.12	15.0	26.8	29.9	8.71	2.93	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,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.40	0.34	0.33	0.35	0.40	0.62	1.19	1.45	1.50	0.92	0.50	0.33
0.03	0.02	0.02	0.02	0.01	0.05	0.05	0.04	0.04	0.07	0.03	0.06
0.16	0.15	0.15	0.14	0.12	0.23	0.22	0.20	0.20	0.27	0.17	0.24
-0.31	-0.41	-0.84	-1.24	0.15	0.51	-0.27	-0.11	-0.54	0.49	-0.72	-1.36
0.40	0.44	0.46	0.42	0.30	0.38	0.19	0.14	0.13	0.30	0.35	0.73
4.79	4.11	4.01	4.16	4.82	7.39	14.3	17.4	18.0	11.0	6.03	3.93

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
9.69	10.7	3.27	0.16	0.34	0.116

09258000 WILLOW CREEK NEAR DIXON, WYO.--Continued

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN 0.96	VARIANCE 0.02	STANDARD DEVIATION 0.15	SKEWNESS -0.26	COEFF. OF VARIATION 0.16	SERIAL CORR 0.049
--------------	------------------	----------------------------	-------------------	-----------------------------	----------------------

09259700 LITTLE SNAKE RIVER NEAR BAGGS, WYO.

LOCATION.--Lat 41°00'11", long 107°55'11", in NE¼NE¼ sec.24, T.12 N., R.94 W., Sweetwater County, on left bank 0.2 mi (0.3 km) upstream from Wyoming-Colorado State line, 0.5 mi (0.8 km) upstream from Scandinavian Gulch, and 14 mi (23 km) west of Baggs.

DRAINAGE AREA.--3,020 mi² (7,820 km²), approximately.

REMARKS.--Diversions for irrigation of about 15,000 acres (60.7 km²) above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN LITTLE SNAKE RIVER NEAR BAGGS, WY.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
CLASS	NUMBER OF DAYS IN CLASS																																		
1962			7	3	8	7	2	13	3	9	4	4	2	2	2	3	2	1	2	7	11	77	61	12	9	8	10	16	39	12	21	6	2		
1963			7	1	3	3	6		3	23	15	24	9	11	5	3	4	40	70	45	8	11	11	2	6	12	10	14	15	11	11	3			
1964										10	6	2	1	2	1	2	2	6	24	48	103	8	18	6	15	20	12	16	18	25	15	5			
1965																																			
1966	2		16	2	2	6	2	5		4	9	7	9	6	4	10	2	1	5	22	52	57	25	10	5	10	19	36	18	6	3				
1967		1							1		2	6	7	7	7	11	10	2	6	36	81	27	14	10	23	24	24	13	8	10	27	8			
1968															1	7	6	14	23	60	103	38	12	7	13	9	8	9	8	15	20	13			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	2	2557	100.0	12	3.5	46	2352	92.0	24	250	71	786	30.7
1	0.05	1	2555	99.9	13	5.0	32	2306	90.2	25	350	85	715	27.9
2	0.07	0	2554	99.9	14	7.1	37	2274	88.9	26	500	106	630	24.6
3	0.10	23	2554	99.9	15	10.0	37	2237	87.5	27	720	80	524	20.4
4	0.20	12	2531	99.0	16	14.0	46	2200	86.0	28	1000	122	444	17.3
5	0.30	11	2519	98.5	17	21.0	31	2154	84.2	29	1500	116	322	12.5
6	0.40	16	2508	98.1	18	29.0	98	2123	83.0	30	2100	99	206	8.0
7	0.60	7	2492	97.5	19	42.0	228	2025	79.2	31	3000	78	107	4.1
8	0.80	25	2485	97.2	20	60.0	298	1797	70.3	32	4200	27	29	1.1
9	1.20	8	2460	96.2	21	85.0	340	1499	58.6	33	6000	2	2	
10	1.70	55	2452	95.9	22	120.0	223	1159	45.3	34				
11	2.50	45	2397	93.7	23	170.0	150	936	36.6					

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

MEAN LITTLE SNAKE RIVER NEAR BAGGS, WY.	1	3	7	15	30	60	90	120	183
1962	8000.0 1	6000.0 1	4630.0 2	3840.0 2	3650.0 2	2960.0 2	2530.0 1	2050.0 1	1440.0 1
1963	2310.0 7	2230.0 7	1990.0 7	1650.0 7	1540.0 7	1110.0 7	887.0 7	698.0 7	482.0 7
1964	4370.0 4	4320.0 4	4140.0 4	3650.0 3	2980.0 4	2130.0 4	1610.0 5	1240.0 5	832.0 5
1965	5060.0 2	4580.0 3	4150.0 3	3440.0 4	3140.0 3	2700.0 3	2110.0 3	1750.0 3	1230.0 2
1966	3500.0 6	3200.0 6	2400.0 6	2010.0 6	1680.0 6	1400.0 6	1300.0 6	1090.0 6	748.0 6
1967	3610.0 5	3400.0 5	3140.0 5	3010.0 5	2720.0 5	2100.0 5	1610.0 4	1310.0 4	909.0 4
1968	4850.0 3	4760.0 2	4640.0 1	4290.0 1	3860.0 1	3110.0 1	2310.0 2	1790.0 2	1210.0 3

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

MEAN LITTLE SNAKE RIVER NEAR BAGGS, WY.	1	3	7	14	30	60	90	120	183
1963	0.10 2	0.10 2	0.10 1	0.18 2	0.48 2	2.00 1	7.10 3	18.00 2	30.00 1
1964	0.20 3	0.20 3	0.20 3	0.38 3	2.50 3	23.00 4	29.00 4	25.00 4	31.00 2
1965	1.40 4	1.50 4	1.70 4	1.90 4	3.00 4	3.50 3	4.40 1	15.00 1	40.00 3
1966	28.00 6	36.00 6	53.00 6	63.00 6	88.00 6	99.00 6	104.00 6	113.00 6	165.00 6
1967	0.00 1	0.05 1	0.10 2	0.13 1	0.24 1	2.50 2	5.60 2	23.00 3	41.00 4
1968	2.20 5	2.30 5	3.30 5	5.30 5	7.10 5	31.00 5	60.00 5	62.00 5	72.00 5

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

	OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS	89.3	85.4	87.8	81.8	135	438	924	2240	1823	245	42.1	74.4
7401	1671	1222	1040	16880	182600	545100	373000	1035000	40020	2705	15870	
86.0	40.9	35.0	32.2	130	427	738	611	1017	200	52.0	126	
0.94	1.14	0.06	0.02	2.54	1.18	1.97	-0.10	-0.07	0.46	1.34	2.34	
0.96	0.48	0.40	0.39	0.96	0.97	0.80	0.27	0.56	0.82	1.24	1.69	
1.43	1.36	1.40	1.31	2.16	7.00	14.7	35.8	29.1	3.91	0.67	1.19	

GREEN RIVER BASIN

09259700 LITTLE SNAKE RIVER NEAR BAGGS, WYO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

Table with columns for months (OCT to SEPT) and rows for statistical measures (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE).

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

Table with columns for MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, SERIAL CORR.

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

Table with columns for MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, SERIAL CORR.

09260000 LITTLE SNAKE RIVER NEAR LILY, COLO.

LOCATION.--Lat 40°32'50", long 108°25'25", in NW¼NE¼ sec.20, T.7 N., R.98 W., Moffat County, on left bank 170 ft (52 m) downstream from highway bridge, 6.0 mi (9.7 km) north of Lily, and 10 mi (16 km) upstream from mouth.

DRAINAGE AREA.--3,730 mi² (9,660 km²), approximately.

REMARKS.--Diversions for irrigation of about 21,000 acres (85.0 km²) above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND MEAN LITTLE SNAKE RIVER NEAR LILY, CO.

Large duration table with columns for CLASS YEAR and days (0 to 34), and rows for years from 1923 to 1965.

09260000 LITTLE SNAKE RIVER NEAR LILY, COLO.--Continued

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

CLASS YEAR	NUMBER OF DAYS IN CLASS																																					
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34			
1966	35	5	3	1	2	2		1	2	2	2	5	6	9	4	4	1	2	7	21	56	65	17	13	7	19	19	37	9	7	2							
1967	1								1	10	8	5	7	6	7	6	6	15	71	52	18	13	8	30	22	26	6	11	19	16	6							
1968													3	12	14	11	33	54	82	19	25	15	18	10	6	8	6	22	23	5								
1969								1	2			4	3	10	11	8	11	12	8	101	64	9	7	7	4	4	25	25	15	32	2							
1970													7	7	6	9	4	13	91	31	45	40	16	14	10	7	7	5	25	15	13							
1971													4	11	7	2	7	9	19	9	34	122	14	7	6	11	8	11	20	26	31	5	2					
1972		1	2	7	1	2	4	9	2	9	6	3	8	4	6	4	3	5	6	12	43	83	8	14	12	26	26	25	23	12								
1973									1	3	1	1	8	4	4	2	5	20	62	86	38	14	16	8	8	11	23	7	19	23	6							
1974									1	2	6	11	8	6	7	1	1	4	9	29	105	45	22	14	12	10	4	8	5	22	24	7	2					
1975										1	1	2	1	2	2	11	16	48	84	33	21	15	24	16	16	14	20	4	13	11	10							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	627	19358	100.0	12	6.3	240	17684	91.4	24	400	569	5252	27.1
1	0.10	50	18731	96.8	13	8.9	246	17444	90.1	25	560	688	4683	24.1
2	0.20	50	18681	96.5	14	13.0	377	17198	88.8	26	800	633	3995	20.6
3	0.30	33	18631	96.2	15	18.0	435	16821	86.9	27	1100	903	3362	17.3
4	0.40	46	18598	96.1	16	25.0	592	16386	84.6	28	1600	790	2459	12.7
5	0.60	46	18552	95.8	17	35.0	871	15794	81.6	29	2200	881	1669	8.6
6	0.80	104	18506	95.6	18	50.0	1872	14923	77.1	30	3200	559	788	4.0
7	1.10	116	18402	95.1	19	71.0	2161	13051	67.4	31	4500	195	229	1.1
8	1.60	105	18286	94.5	20	100.0	1861	10890	56.3	32	6300	33	34	.1
9	2.20	121	18181	93.9	21	140.0	1839	9029	46.6	33	9000	1	1	
10	3.20	157	18060	93.3	22	200.0	1087	7190	37.1	34				
11	4.50	219	17903	92.5	23	280.0	851	6103	31.5					

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 SNAKE RIVER NEAR LILY, CO.

YEAR	1	3	7	15	30	60	90	120	183
1923	4900.0 24	4700.0 25	4280.0 24	3760.0 21	3260.0 22	2750.0 20	2220.0 19	1750.0 20	1200.0 20
1924	3580.0 34	3380.0 34	3160.0 34	3060.0 32	2950.0 29	2430.0 26	1920.0 29	1480.0 30	1000.0 32
1925	2880.0 44	2590.0 46	2430.0 45	2330.0 43	2130.0 43	1950.0 36	1710.0 31	1400.0 31	1020.0 30
1926	8950.0 2	6650.0 7	5390.0 7	4570.0 7	3640.0 18	3190.0 10	2500.0 11	1970.0 11	1350.0 11
1927	5850.0 12	5450.0 13	5410.0 6	4690.0 6	3950.0 10	3140.0 11	2570.0 9	2090.0 8	1420.0 7
1928	5890.0 11	5800.0 10	5310.0 8	4510.0 9	4290.0 4	3300.0 9	2620.0 8	2170.0 5	1500.0 5
1929	7280.0 7	7130.0 2	6620.0 2	6480.0 1	5850.0 1	4900.0 1	3930.0 1	3200.0 1	2230.0 1
1930	2280.0 48	2130.0 48	2080.0 47	1980.0 45	1690.0 46	1520.0 46	1260.0 45	1010.0 46	696.0 45
1931	2990.0 43	2900.0 42	2740.0 41	2530.0 38	2370.0 35	2230.0 30	1940.0 28	1600.0 26	1160.0 22
1932	7100.0 8	6800.0 6	6290.0 3	5790.0 3	4690.0 3	3800.0 3	3290.0 3	2760.0 3	1940.0 2
1933	5640.0 14	4930.0 19	4480.0 22	4300.0 12	4070.0 7	3430.0 6	2640.0 5	2090.0 6	1410.0 9
1934	865.0 53	844.0 53	822.0 53	733.0 53	682.0 53	477.0 53	385.0 53	302.0 53	209.0 53
1935	3050.0 41	3000.0 39	2590.0 43	2160.0 44	2100.0 44	1560.0 45	1190.0 47	937.0 47	640.0 47
1936	4030.0 31	3870.0 30	3570.0 30	3170.0 30	2980.0 28	2360.0 27	1700.0 32	1350.0 33	951.0 33
1937	5080.0 21	4830.0 22	4600.0 19	4260.0 14	3700.0 16	2840.0 18	2310.0 15	1870.0 15	1280.0 15
1938	7950.0 4	6830.0 5	5650.0 5	4540.0 8	3830.0 12	2990.0 16	2260.0 18	1780.0 18	1220.0 19
1939	3260.0 37	3000.0 40	2860.0 39	2480.0 40	2260.0 40	1680.0 42	1390.0 40	1090.0 42	759.0 40
1940	3100.0 39	3030.0 38	2890.0 38	2700.0 37	2300.0 39	1760.0 39	1330.0 44	1030.0 44	689.0 46
1941	4440.0 27	4020.0 29	3740.0 29	3380.0 29	3000.0 26	2200.0 31	1690.0 33	1370.0 32	1000.0 31
1942	5200.0 19	4810.0 23	4150.0 27	3540.0 26	2860.0 30	2300.0 28	2060.0 22	1660.0 23	1130.0 23
1943	7530.0 6	6880.0 3	5220.0 10	3500.0 27	2360.0 36	1990.0 35	1650.0 34	1310.0 34	895.0 36
1944	5340.0 16	4930.0 20	4380.0 23	4220.0 16	3820.0 13	2620.0 23	1970.0 26	1550.0 28	1040.0 29
1945	5320.0 17	5070.0 15	4690.0 17	3570.0 25	3180.0 24	2870.0 17	2280.0 17	1800.0 17	1250.0 16
1946	3130.0 38	3100.0 37	3040.0 35	2820.0 36	2340.0 38	1870.0 37	1480.0 37	1190.0 38	822.0 38
1947	5020.0 22	4970.0 17	4910.0 13	4070.0 19	3220.0 23	2580.0 24	2040.0 23	1730.0 21	1170.0 21
1948	3910.0 33	3840.0 31	3540.0 31	3060.0 33	2420.0 34	1840.0 38	1360.0 42	1050.0 43	713.0 43
1949	4870.0 25	4830.0 21	4540.0 21	3940.0 20	3700.0 17	3370.0 7	2640.0 6	2090.0 7	1420.0 8
1950	4300.0 30	4210.0 28	3980.0 28	3620.0 24	3320.0 21	2580.0 25	2080.0 21	1660.0 22	1130.0 24
1951	3030.0 42	2920.0 41	2750.0 40	2510.0 39	2240.0 41	1740.0 40	1370.0 41	1100.0 40	763.0 39
1952	7800.0 5	7620.0 1	7030.0 1	6340.0 2	5170.0 2	4520.0 2	3730.0 2	2850.0 2	1910.0 3
1953	3080.0 40	2770.0 43	2530.0 44	2430.0 41	2350.0 37	1680.0 43	1240.0 46	1020.0 45	698.0 44
1954	1860.0 50	1730.0 50	1480.0 52	1240.0 52	1210.0 52	1050.0 51	799.0 51	644.0 51	452.0 51
1955	2160.0 49	2050.0 49	1890.0 49	1760.0 48	1620.0 47	1340.0 47	1060.0 48	873.0 48	595.0 48
1956	3920.0 32	3560.0 33	3310.0 32	2970.0 34	2730.0 31	2280.0 29	1960.0 27	1590.0 27	1080.0 27
1957	5170.0 20	5000.0 16	4620.0 18	4300.0 13	3630.0 19	3140.0 12	2470.0 13	1960.0 12	1350.0 12
1958	4990.0 23	4930.0 18	4850.0 14	4470.0 11	3980.0 8	2790.0 19	2040.0 24	1600.0 24	1100.0 26
1959	1730.0 51	1690.0 51	1530.0 51	1320.0 51	1230.0 51	1090.0 50	871.0 50	734.0 50	509.0 50
1960	2790.0 46	2610.0 45	2350.0 46	1930.0 46	1830.0 45	1640.0 44	1430.0 38	1110.0 39	752.0 42
1961	1640.0 52	1580.0 52	1550.0 50	1440.0 50	1290.0 50	941.0 52	734.0 52	612.0 52	417.0 52
1962	9000.0 1	6870.0 4	4760.0 16	3720.0 22	3600.0 20	3040.0 15	2560.0 10	2080.0 9	1460.0 6
1963	2370.0 47	2280.0 47	2020.0 48	1690.0 49	1570.0 48	1150.0 49	949.0 49	744.0 49	515.0 49
1964	4360.0 29	4310.0 27	4160.0 26	3670.0 23	2980.0 27	2150.0 32	1640.0 35	1260.0 36	848.0 37
1965	5300.0 18	4760.0 24	4260.0 25	3480.0 28	3140.0 25	2690.0 21	2110.0 20	1750.0 19	1230.0 18
1966	4430.0 28	3740.0 32	2900.0 37	1870.0 47	1570.0 49	1310.0 48	1330.0 43	1090.0 41	756.0 41
1967	3470.0 35	3350.0 35	3170.0 33	3070.0 31	2650.0 33	2040.0 34	1560.0 36	1280.0 35	896.0 35
1968	4720.0 26	4630.0 26	4580.0 20	4180.0 17	3740.0 15	3100.0 14	2500.0 16	1810.0 16	1250.0 17
1969	3280.0 36	3120.0 36	3030.0 36	2880.0 35	2700.0 32	2130.0 33	1830.0 30	1530.0 29	1040.0 28
1970	5840.0 13	5730.0 11	5250.0 9	4800.0 5	4160.0 6	3300.0 8	2480.0 12	1940.0 14	1340.0 13

09260000 LITTLE SNAKE RIVER NEAR LILY, 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
LITTLE SNAKE RIVER NEAR LILY, CO.

Table with columns: YEAR, 1, 3, 7, 15, 30, 60, 90, 120, 183. Rows: 1971, 1972, 1973, 1974, 1975.

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 SNAKE RIVER NEAR LILY, CO.

Table with columns: YEAR, 1, 3, 7, 14, 30, 60, 90, 120, 183. Rows: 1923-1975.

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

Table with columns: OCT, NOV, DEC, JAN, FEB, MARCH, APRIL, MAY, JUNE, JULY, AUG, SEPT. Rows: 107, 8539, 92.4, 0.97, 0.86, 1.56.

09260000 LITTLE SNAKE RIVER NEAR LILY, 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,SKWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.76	1.96	1.93	1.88	1.97	2.48	2.99	3.38	3.19	2.15	1.39	1.21
0.40	0.13	0.04	0.05	0.07	0.08	0.06	0.04	0.11	0.44	0.67	0.79
0.63	0.37	0.21	0.23	0.27	0.28	0.24	0.20	0.33	0.67	0.82	0.89
-1.24	-2.99	-0.36	-0.96	-0.43	0.43	-0.05	-0.91	-2.57	-1.71	-1.42	-0.77
0.36	0.19	0.11	0.12	0.14	0.11	0.08	0.06	0.10	0.31	0.59	0.73
6.69	7.47	7.34	7.15	7.49	9.43	11.4	12.8	12.1	8.18	5.28	4.60

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWNESS	COEFF. OF VARIATION	SERIAL CORR
574	44850	212	0.49	0.37	0.100

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWNESS	COEFF. OF VARIATION	SERIAL CORR
2.73	0.03	0.18	-1.12	0.07	0.117

09302400 NORTH FORK WHITE RIVER BELOW TRAPPER'S LAKE, COLO.

LOCATION.--Lat 39°59'52", long 107°13'50", Garfield County, on right bank 200 ft (61 m) downstream from Trapper's Lake, 1.4 mi (2.3 km) upstream from Skinny Fish Creek, and 21 mi (34 km) east of Buford.

DRAINAGE AREA.--21.4 mi² (55.4 km²).

REMARKS.--No diversion above station. Natural regulation by Trapper's Lake.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS YEAR	MEAN NORTH FORK WHITE RIVER BELOW TRAPPERS LAKE, CO.																																				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34		
1957								86	91	37	7	13	6	23	8	13	8	4	3	5	5	5	6	9	8	2	3	5	3	2	3	4	4	2			
1958										31	100	88	50	16	5	25	4	3	3	4	3	2	4	3	6	3	5	3	4	3							
1959										1	62	78	75	23	24	22	8	14	8	4	8	5	5	3	1	2	6	3	4	6	3						
1960								1	11	44	35	77	104	18	11	1	2	11	7	7	6	3	3	2	2	3	6	7	2								
1961								16	132	29	43	37	39	16	6	5	3	3	2	4	2	3	1	8	6	4	1	5									
1962										1	5	26	109	87	37	6	10	5	6	3	14	8	6	7	8	2	4	5	14	2							
1963										4	6	46	167	49	35	7	3	2	5	8	3	7	4	3	3	4	3	3									
1964										1	2		1	1	2	4	157	37	31	24	11	16	9	4	4	6	3	5	2	2	2	11	10	11	4	3	3
1965																																					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	3287	100.0	12	15.0	335	1295	39.4	24	96	41	230	6.9
1	2.80	1	3287	100.0	13	18.0	183	960	29.2	25	110	48	189	5.7
2	3.40	2	3286	100.0	14	21.0	96	777	23.6	26	130	34	141	4.2
3	3.90	0	3284	99.9	15	24.0	55	681	20.7	27	150	47	107	3.2
4	4.60	1	3284	99.9	16	28.0	94	626	19.0	28	180	27	60	1.8
5	5.30	1	3283	99.9	17	33.0	56	532	16.2	29	210	15	33	1.0
6	6.20	3	3282	99.8	18	39.0	32	476	14.5	30	240	5	18	.5
7	7.20	66	3279	99.8	19	45.0	58	444	13.5	31	280	3	13	.3
8	8.40	487	3213	97.7	20	52.0	45	386	11.7	32	330	4	10	.3
9	9.80	347	2726	82.9	21	61.0	34	341	10.4	33	380	4	6	.1
10	11.00	559	2379	72.4	22	71.0	28	307	9.3	34	440	2	2	
11	13.00	525	1820	55.4	23	83.0	49	279	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

YEAR	MEAN NORTH FORK WHITE RIVER BELOW TRAPPERS LAKE, CO.																	
	1	3	7	15	30	60	90	120	183									
1957	469.0	1	445.0	1	412.0	1	359.0	1	268.0	1	180.0	1	134.0	1	106.0	1	74.0	1
1958	279.0	2	264.0	2	240.0	2	206.0	2	160.0	3	103.0	4	77.0	4	62.0	4	46.0	4
1959	223.0	4	216.0	4	210.0	4	185.0	4	142.0	5	94.0	6	71.0	6	58.0	5	43.0	5
1960	193.0	5	187.0	5	167.0	6	156.0	6	122.0	7	80.0	7	59.0	7	47.0	7	35.0	7
1961	175.0	8	172.0	8	159.0	8	131.0	8	106.0	8	67.0	8	50.0	8	41.0	8	31.0	8
1962	190.0	7	182.0	7	179.0	5	168.0	5	146.0	4	105.0	3	83.0	3	68.0	3	50.0	2
1963	143.0	9	138.0	9	128.0	9	106.0	9	80.0	9	54.0	9	41.0	9	34.0	9	27.0	9
1964	192.0	6	185.0	6	166.0	7	145.0	7	124.0	6	97.0	5	72.0	5	58.0	6	42.0	6
1965	230.0	3	227.0	3	217.0	3	195.0	3	162.0	2	112.0	2	86.0	2	69.0	2	50.0	3

09302400 NORTH FORK WHITE RIVER BELOW TRAPPER'S LAKE, 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 WHITE RIVER BELOW TRAPPERS LAKE, CO.

YEAR	1	3	7	14	30	60	90	120	183
1958	9.60 7	9.70 7	10.00 7	10.00 5	11.00 8	13.00 7	13.00 7	14.00 7	15.00 8
1959	10.00 8	10.00 8	10.00 8	10.00 6	10.00 7	10.00 5	11.00 6	11.00 4	12.00 5
1960	7.00 2	7.30 2	7.90 3	8.30 3	8.70 4	9.30 4	10.00 4	11.00 5	12.00 6
1961	7.20 3	7.30 3	7.80 2	8.10 1	8.50 2	8.90 1	9.00 1	9.00 1	9.30 2
1962	9.40 5	9.40 5	9.80 5	10.00 7	10.00 5	13.00 8	14.00 8	14.00 8	15.00 7
1963	9.60 6	9.70 6	9.80 6	10.00 8	10.00 6	11.00 6	11.00 5	11.00 6	11.00 4
1964	7.80 4	7.80 4	8.40 4	8.40 4	8.70 3	9.00 2	9.00 2	9.10 2	9.10 1
1965	2.90 1	3.30 1	4.80 1	8.10 2	8.40 1	9.10 3	9.70 3	10.00 3	10.00 3

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY RDWS (MEAN,VARIANCE,STANDARD DEVIATION,SKWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
12.8	12.1	12.0	11.1	10.7	10.4	12.4	39.5	117	61.1	19.6	15.1
12.6	6.29	5.46	3.20	3.39	4.21	10.2	242	1098	5051	91.7	16.6
3.54	2.51	2.34	1.79	1.84	2.05	3.20	15.6	33.1	71.1	9.58	4.07
1.09	0.52	0.21	0.29	0.99	1.57	1.45	0.40	-1.85	2.46	2.29	0.87
0.28	0.21	0.19	0.16	0.17	0.20	0.26	0.39	0.28	1.16	0.49	0.27
3.83	3.63	3.59	3.32	3.20	3.12	3.70	11.8	35.1	18.3	5.88	4.51

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY RDWS (MEAN,VARIANCE,STANDARD DEVIATION,SKWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.09	1.08	1.07	1.04	1.02	1.01	1.08	1.56	2.04	1.61	1.26	1.16
0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.03	0.03	0.15	0.03	0.01
0.11	0.09	0.09	0.07	0.07	0.08	0.10	0.18	0.18	0.39	0.17	0.11
0.60	0.33	-0.09	0.08	0.88	1.23	0.93	-0.52	-2.48	0.89	1.61	0.47
0.10	0.08	0.08	0.07	0.07	0.08	0.10	0.12	0.09	0.24	0.13	0.10
7.27	7.15	7.13	6.91	6.81	6.73	7.19	10.4	13.6	10.7	8.38	7.75

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWNESS	COEFF. OF VARIATION	SERIAL CORR
27.8	49.5	7.04	0.85	0.25	0.077

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWNESS	COEFF. OF VARIATION	SERIAL CORR
1.43	0.01	0.11	0.24	0.07	0.003

09302420 NORTH FORK WHITE RIVER ABOVE RIPPLE CREEK, NEAR TRAPPER'S LAKE, COLO.

LOCATION.--Lat 40°02'49", long 107°18'38", in NW¼ sec.19, T.1 N., R.88 W., Garfield County, on right bank 10 ft (3 m) downstream from private bridge, 0.8 mi (1.3 km) downstream from Bear Creek, 1.8 mi (2.9 km) upstream from Ripple Creek, and 6.0 mi (9.7 km) northwest of Trapper's Lake.

DRAINAGE AREA.--62.3 mi² (161.4 km²).

REMARKS.--Natural regulation by Trapper's Lake.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
NF WHITE R ABOVE RIPPLE C, NR TRAPPERS 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																																				
1966			4	25	26	90	57	34	29	18	33	2	9	3	6	8	3	3	8	6	1																
1967	15	58	75	48	22	2	11	21	15	7	15	7	4	4	4	10	2	2	4	6	9	5	6	9	3	1											
1968			9	60	73	53	21	14	12	13	13	10	16	8	12	3	5	3	2	2	3	3	3	2	3	2	4	6	5	4	3	4					
1969			24	13	35	75	30	33	19	15	16	11	13	9	6	7	4	2	14	9	7	3	6	3	4	2	2	2	1								
1970			1	66	47	45	20	29	25	14	12	16	6	8	8	4	4	4	4	4	3	6	7	4	8	1	8	3	5	4	7						
1971		1	21	8	9	36	25	52	33	24	23	8	26	12	5	6	7	7	10	3	4	7	7	4	6	4	1	4	2	2	2	5	1				
1972					9	49	89	77	48	12	8	10	8	6	5	3	3	3	2	4	3	4	3	4	3	1	2	2	5	3	1						
1973					27	37	57	48	26	22	26	9	9	14	6	6	9	3	3	14	8	7	9	4	2	5	2	4	4	1	3						

09302420 NORTH FORK WHITE RIVER ABOVE RIPPLE CREEK, NEAR TRAPPER'S LAKE, COLO.--Continued

DURATIDN TABLE DF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CDNTINUED
DISCHARGE, IN CUBIC FEET PER SECONDD
MEAN
NF WHITE R ABDVE RIPPLE C, NR TRAPPERS LAKE, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2922	100.0	12	89.0	67	774	26.5	24	260	28	168	5.7
1	36.00	15	2922	100.0	13	97.0	108	707	24.2	25	280	29	140	4.7
2	39.00	59	2907	99.5	14	110.0	56	599	20.5	26	310	15	111	3.7
3	42.00	133	2848	97.5	15	120.0	53	543	18.6	27	330	23	96	3.2
4	46.00	182	2715	92.9	16	130.0	57	490	16.8	28	360	20	73	2.4
5	50.00	268	2533	86.7	17	150.0	33	433	14.8	29	390	18	53	1.8
6	54.00	369	2265	77.5	18	160.0	27	400	13.7	30	430	15	35	1.1
7	59.00	286	1896	64.9	19	170.0	59	373	12.8	31	460	14	20	.6
8	64.00	289	1610	55.1	20	190.0	37	314	10.7	32	500	5	6	.2
9	70.00	236	1321	45.2	21	200.0	36	277	9.5	33	550	1	1	
10	76.00	176	1085	37.1	22	220.0	37	241	8.2	34				
11	82.00	135	909	31.1	23	240.0	36	204	7.0					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECONDD
MEAN
NF WHITE R ABOVE RIPPLE C, NR TRAPPERS LAKE, CO.

YEAR	1	3	7	15	30	60	90	120	183									
1966	202.0	8	199.0	8	193.0	8	185.0	8	166.0	8	133.0	8	111.0	8	98.0	8	83.0	8
1967	320.0	7	305.0	7	288.0	7	252.0	7	248.0	7	205.0	7	169.0	7	144.0	7	113.0	7
1968	490.0	3	477.0	3	464.0	3	417.0	3	371.0	3	288.0	3	214.0	4	182.0	4	139.0	4
1969	391.0	6	380.0	6	353.0	6	314.0	6	268.0	6	224.0	6	188.0	6	164.0	5	130.0	5
1970	490.0	4	480.0	2	465.0	2	436.0	2	398.0	1	320.0	1	259.0	1	218.0	1	166.0	1
1971	550.0	1	545.0	1	523.0	1	465.0	1	384.0	2	299.0	2	248.0	2	213.0	2	165.0	2
1972	490.0	2	460.0	4	436.0	4	393.0	4	321.0	4	235.0	5	189.0	5	161.0	6	128.0	6
1973	436.0	5	415.0	5	377.0	5	324.0	5	312.0	5	254.0	4	216.0	3	185.0	3	143.0	3

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECONDD
MEAN
NF WHITE R ABOVE RIPPLE C, NR TRAPPERS LAKE, CO.

YEAR	1	3	7	14	30	60	90	120	183									
1967	36.00	1	36.00	1	37.00	1	37.00	1	38.00	1	39.00	1	40.00	1	42.00	1	43.00	1
1968	39.00	2	39.00	2	40.00	2	41.00	2	43.00	2	50.00	3	50.00	2	50.00	2	53.00	2
1969	42.00	5	43.00	3	44.00	4	45.00	3	46.00	3	49.00	2	51.00	3	53.00	3	56.00	3
1970	45.00	6	45.00	6	47.00	6	47.00	5	51.00	6	52.00	4	54.00	4	56.00	5	61.00	5
1971	40.00	3	43.00	4	44.00	5	45.00	4	49.00	4	53.00	5	55.00	6	57.00	6	63.00	6
1972	42.00	4	43.00	5	43.00	3	48.00	6	60.00	7	62.00	7	63.00	7	64.00	7	68.00	7
1973	48.00	7	48.00	7	49.00	7	49.00	7	50.00	5	53.00	6	54.00	5	55.00	4	60.00	4

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
70.0	63.2	58.3	55.7	53.9	49.9	55.3	142	290	151	89.1	73.2
137	94.0	54.6	47.6	43.1	43.9	69.7	1542	8907	2502	375	150
11.7	9.70	7.39	6.90	6.56	6.63	8.35	39.3	94.4	50.0	19.4	12.2
-0.82	-0.84	-0.81	-0.86	-1.15	-0.02	-0.29	0.60	-0.84	-0.57	-0.82	-1.37
0.17	0.15	0.13	0.12	0.12	0.13	0.15	0.28	0.33	0.33	0.22	0.17
6.09	5.49	5.07	4.84	4.68	4.34	4.80	12.3	25.2	13.1	7.74	6.36

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	OEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.84	1.80	1.76	1.74	1.73	1.69	1.74	2.14	2.44	2.15	1.94	1.86
0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.03	0.01	0.01
0.08	0.07	0.06	0.06	0.06	0.06	0.07	0.12	0.18	0.18	0.11	0.08
-1.10	-1.12	-0.96	-1.24	-1.51	-0.51	-0.42	-0.10	-1.58	-1.43	-1.30	-1.74
0.04	0.04	0.03	0.03	0.03	0.03	0.04	0.06	0.07	0.08	0.05	0.04
8.06	7.87	7.72	7.64	7.57	7.43	7.62	9.36	10.7	9.43	8.50	8.14

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
96.0	215	14.7	-0.34	0.15	0.631

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.98	0.00	0.07	-0.58	0.03	0.670

GREEN RIVER BASIN

09302450 LOST CREEK NEAR BUFORD, COLO.

LOCATION.--Lat 40°03'03", long 107°28'06", in SE¼SE¼ sec.15, T.1 N., R.90 W., Rio Blanco County, on left bank 140 ft (43 m) upstream from highway bridge, 690 ft (210 m) upstream from mouth, 0.5 mi (0.8 km) downstream from Long Park Creek, and 9 mi (14 km) northeast of Buford. Prior to Oct. 1, 1973, at site 150 ft (46 m) downstream.

DRAINAGE AREA.--21.6 mi² (55.9 km²).

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LOST CREEK NEAR BUFORD, 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			
1965					11	39	144		30	13	23	10		8	9	2																						
1966	15	25	24	21	10	4	57	89	24	9	7	4	5	4	2	2	2	6	3	5	8	10	6	7	9	7												
1967	3	6	26	42	63	68	28	6	9	14	4	4	6	1	3	2	2	6	7	15	10	4	9	5	6	2	5	9										
1968			8	33	106	44	35	25	9	13	9	11	9	3	2	3	1	3	1	3	2	2	4	7	6	4	2	5	5	5	3	2	1					
1969				4	45	73	104	16	8	11	9	4	4	4	9	6	6	4	2	4	6	6	5	3	8	3	2	7	5	5	2							
1970				1	23	29	96	60	42	12	6	9	11	8	3	1	2	2	3	4	3	4	5	9	2	3	3	6	4	5	3	2	3	1				
1971				20	52	36	40	60	35	10	10	6	2	5	4	3	3	2	1	2	3	5	9	10	7	9	9	9	6	2	4	1						
1972				16	61	54	73	21	21	13	8	9	9	1	2	2	6	4	1	5	5	8	6	8	13	5	7	8										
1973				2	7	19	143	39	26	18	15	8	5	6	5	3	1	3	6	3	6	3	4	2	5	9	5	4	3	3	2	10						
1974				7	23	54	74	43	23	27	12	15	11	4	3	2	6	3	3	2	2	2	3	6	4	10	1	2	6	4	4	4	3	1	1			
1975				4	7	10	29	76	61	43	24	7	3	2	2	3	5	7	12	8	6	10	3	4	4	2	4	2	5	3	12	3	3	1				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4017	100.0	12	6.7	76	1031	25.7	24	67	62	432	10.7
1	0.70	18	4017	100.0	13	8.1	66	955	23.8	25	81	74	370	9.2
2	1.00	35	3999	99.6	14	9.8	40	889	22.1	26	99	52	296	7.3
3	1.20	72	3964	98.7	15	12.0	39	849	21.1	27	120	48	244	6.0
4	1.40	172	3892	96.9	16	14.0	36	810	20.2	28	140	69	196	4.8
5	1.70	461	3720	92.6	17	17.0	42	774	19.3	29	180	43	127	3.1
6	2.10	516	3259	81.1	18	21.0	43	732	18.2	30	210	30	84	2.0
7	2.50	824	2743	68.3	19	26.0	33	689	17.2	31	260	24	54	1.3
8	3.10	412	1919	47.8	20	31.0	56	656	16.3	32	310	23	30	.7
9	3.70	238	1507	37.5	21	38.0	54	600	14.9	33	380	5	7	.1
10	4.50	142	1269	31.6	22	46.0	53	546	13.6	34	460	2	2	
11	5.50	96	1127	28.1	23	55.0	61	493	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
LOST CREEK NEAR BUFORD, CO.

YEAR	1	3	7	15	30	60	90	120	183
1965	376.0 4	375.0 3	333.0 4	243.0 5	192.0 4	145.0 2	103.0 2	78.0 2	53.0 1
1966	110.0 11	106.0 11	102.0 11	97.0 11	81.0 11	60.0 11	43.0 11	33.0 11	23.0 11
1967	160.0 10	154.0 10	148.0 9	130.0 9	108.0 10	77.0 10	59.0 10	45.0 10	31.0 10
1968	385.0 3	332.0 5	277.0 5	258.0 4	192.0 5	122.0 6	84.0 7	64.0 7	43.0 7
1969	300.0 8	264.0 8	211.0 8	189.0 8	163.0 8	104.0 8	75.0 8	58.0 8	39.0 8
1970	460.0 2	441.0 1	380.0 1	310.0 2	226.0 2	143.0 3	99.0 4	76.0 4	51.0 4
1971	316.0 7	300.0 7	247.0 7	221.0 6	179.0 7	135.0 4	102.0 3	78.0 3	52.0 3
1972	164.0 9	159.0 9	143.0 10	127.0 10	117.0 9	90.0 9	66.0 9	51.0 9	34.0 9
1973	374.0 5	369.0 4	348.0 3	313.0 1	229.0 1	148.0 1	104.0 1	79.0 1	53.0 2
1974	509.0 1	438.0 2	368.0 2	290.0 3	214.0 3	135.0 5	93.0 5	71.0 5	48.0 5
1975	337.0 6	310.0 6	262.0 6	213.0 7	186.0 6	117.0 7	85.0 6	65.0 6	44.0 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
LOST CREEK NEAR BUFORD, CO.

YEAR	1	3	7	14	30	60	90	120	183
1966	1.90 10	1.90 10	2.00 10	2.20 10	2.40 10	3.10 10	3.10 10	3.20 10	3.60 10
1967	0.80 1	0.83 1	0.90 1	0.90 1	0.98 1	1.10 1	1.19 1	1.40 1	1.60 1
1968	0.98 2	0.98 2	1.00 2	1.19 2	1.30 2	1.50 2	1.50 2	1.60 2	1.70 2
1969	1.60 8	1.60 8	1.70 8	1.70 8	2.10 9	2.20 7	2.30 6	2.40 5	2.40 5
1970	1.60 9	1.70 9	1.70 9	1.90 9	2.00 7	2.30 8	2.50 8	2.70 7	2.90 7
1971	1.40 5	1.40 5	1.50 4	1.60 4	1.90 4	2.60 9	2.50 9	2.70 8	3.00 8
1972	1.40 6	1.50 6	1.60 6	1.80 7	2.00 8	2.10 6	2.30 7	2.40 6	2.40 6
1973	1.50 7	1.60 7	1.60 7	1.60 5	1.90 5	2.00 4	2.10 4	2.80 9	3.00 9
1974	1.19 4	1.30 4	1.50 5	1.70 6	1.90 6	2.00 5	2.30 5	2.30 4	2.30 4
1975	1.00 3	1.00 3	1.19 3	1.19 3	1.60 3	1.80 3	1.90 3	2.00 3	2.20 3

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
3.19	2.71	2.54	2.37	2.57	3.60	36.1	153	53.1	6.23	2.53	2.37
1.07	0.44	0.30	0.18	0.18	1.42	717	2792	896	27.1	0.70	0.63
1.03	0.66	0.55	0.43	0.42	1.19	26.8	52.8	29.9	5.21	0.84	0.79
0.04	0.19	-0.22	0.65	-0.04	1.33	0.57	-0.32	0.01	2.61	-0.19	0.61
0.32	0.25	0.22	0.18	0.16	0.33	0.74	0.35	0.56	0.84	0.33	0.33
1.18	1.00	0.94	0.88	0.95	1.33	13.4	56.5	19.7	2.31	0.94	0.88

09302450 LOST CREEK NEAR BUFORD, 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,STANOARD DEVIATION,SKWEVNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.48	0.42	0.39	0.37	0.40	0.54	1.42	2.15	1.63	0.70	0.38	0.35
0.02	0.01	0.01	0.01	0.01	0.02	0.15	0.03	0.12	0.08	0.03	0.02
0.15	0.11	0.10	0.08	0.07	0.13	0.39	0.18	0.35	0.29	0.16	0.15
-0.39	-0.11	-0.46	0.51	-0.31	0.81	-0.30	-1.05	-1.31	0.34	-0.86	-0.38
0.31	0.26	0.25	0.21	0.18	0.24	0.27	0.08	0.21	0.42	0.43	0.42
5.22	4.55	4.27	3.99	4.38	5.82	15.4	23.3	17.6	7.56	4.09	3.81

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWEVNESS	COEFF. OF VARIATION	SERIAL CORR
22.6	26.9	5.18	-0.73	0.23	-0.014

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWEVNESS	COEFF. OF VARIATION	SERIAL CORR
1.34	0.01	0.11	-1.13	0.08	0.027

09302800 NORTH FORK WHITE RIVER NEAR BUFORD, COLO.

LOCATION.--Lat 40°02'08", long 107°31'13", in SW¼SW¼ sec.20, T.1 N., R.90 W., Rio Blanco County, on right bank 0.5 mi (0.5 km) upstream from highway bridge, 0.5 mi (0.8 km) downstream from Ute Creek, and 6.1 mi (9.8 km) northeast of Buford.

DRAINAGE AREA.--223 mi² (578 km²).

REMARKS.--Diversions above station for irrigation of a few hay meadows.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN	NORTH FORK WHITE RIVER NEAR BUFORD, CO.																																					
CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	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									61	93	6	23	29	36	6	15	10	5	2	7	5	11	7	5	11	5	15	14										
1905						5	12	60	134	23	14	15	8	10	9	11	6	2	3	4	3	1	2	2	2	4	5	6	6	1	4	8	3	2				
1906					1	97	94	5	1		2	2	9	31	21	16	6	3	4	4	5	6	4	7	9	9	1	7	5	6	2	5	1	2				
1957			1	12	86	27	41	32	7	4	2		8	9	9	13	9	16	10	9	6	4	2	1	4	2	6	5	6	11	5	11	4	3				
1958								31	30	34	47	39	55	32	17	10	5	2	5	4	2	3	2	4	6	6	4	4	3	6	10	4						
1959				1	50	36	16	58	66	17	14	15	10	5	7	3	5	9	11	4	13	8	6	2	6	3												
1960				2	11	88	29	10	53	36	31	8	3	11	7	12	5	4	3	8	6	9	6	3	9	6	6											
1961				1	17	87	39	51	68	12	12	10	8	5	2	3	5	4	4	4	1	5	14	5	6	2												
1962				1	18	65	39	18	21	32	21	24	9	8	2	4	8	2	3	5	4	5	8	10	14	14	12	10	2	4	2							
1963			1	5	3	42	48	58	69	47	21	8	4	7	6	7	5	1	3	3	5	3	5	5	7	2												
1964		2	5	9	39	127	18	23	29	9	11	9	7	10	4	4	5	1	1	2	2	1	3	6	7	6	10	14	2									
1965				1	5	66	47	57	25	1	10	6	13	16	13	9	9	3	11	4	4	3	5	8	6	1	14	4	6	6	3	8	1					
1966				18	20	52	56	40	40	29	19	19	13	9	6	4	3	4	6	13	6	6	2															
1967			1	23	96	73	28	13	21	18	6	6	8	10	6	4	3	3	2	2	1	5	8	6	8	8	6											
1968				4	39	146	22	9	21	10	5	7	8	21	4	7	5	7	3	4	4	2	1	2	5	2	6	7	7	6	1	1						
1969			1		28	104	28	16	28	33	22	7	5	10	2	2	4	10	4	11	9	6	6	13	9	5												
1970					98	31	20	16	47	44	8	2	11	2	6	8	2	1	7	5	4	1	2	3	5	16	11	9	3	3								
1971			1		1	8	33	28	29	20	39	50	18	17	8	4	11	13	3	6	5	8	12	6	9	8	8	8	10	2								
1972					1	18	20	90	85	36	18	10	9	5	8	9	2	8	6	2	5	5	7	6	3	5	5	2										
1973			3	2	12	33	48	23	16	42	58	15	11	9	5	4	4	6	6	5	3	3	2	2	8	18	8	6	7	6								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	7305	100.0	12	240.0	232	2288	31.3	24	720	139	675	9.2
1	85.00	7	7305	100.0	13	260.0	243	2056	28.1	25	800	106	536	7.3
2	93.00	9	7298	99.9	14	290.0	145	1813	24.8	26	870	131	430	5.8
3	100.00	78	7289	99.8	15	310.0	156	1668	22.8	27	960	98	299	4.0
4	110.00	330	7211	98.7	16	340.0	144	1512	20.7	28	1100	57	201	2.7
5	120.00	1167	6881	94.2	17	380.0	79	1368	18.7	29	1200	42	144	1.9
6	140.00	619	5714	78.2	18	410.0	103	1289	17.6	30	1300	38	102	1.3
7	150.00	574	5095	69.7	19	450.0	109	1186	16.2	31	1400	24	64	.8
8	160.00	789	4521	61.9	20	500.0	90	1077	14.7	32	1500	25	40	.5
9	180.00	791	3732	51.1	21	550.0	112	987	13.5	33	1700	8	15	.2
10	200.00	400	2941	40.3	22	600.0	100	875	12.0	34	1800	7	7	
11	220.00	253	2541	34.8	23	660.0	100	775	10.6					

09302800 NORTH FORK WHITE RIVER NEAR BUFORD, 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 FORK WHITE RIVER NEAR BUFORD, CO.

Table with columns for YEAR and 10 consecutive day periods (1, 3, 7, 15, 30, 60, 90, 120, 183). Rows list years from 1904 to 1973 with corresponding discharge values and rankings.

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 WHITE RIVER NEAR BUFORD, CO.

Table with columns for YEAR and 10 consecutive day periods (1, 3, 7, 14, 30, 60, 90, 120, 183). Rows list years from 1905 to 1973 with corresponding discharge values and rankings.

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

Table showing monthly statistics from OCT to SEPT. Includes rows for 'BY ROWS' and 'BY COLUMNS' with metrics like MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, and PERCENTAGE OF AVERAGE VALUE.

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

Table showing log monthly statistics from OCT to SEPT. Includes rows for 'BY ROWS' and 'BY COLUMNS' with metrics like MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, and PERCENTAGE OF AVERAGE VALUE.

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

Summary statistics for normal annual means: MEAN 290, VARIANCE 3269, STANDARD DEVIATION 57.2, SKEWNESS 0.15, COEFF. OF VARIATION 0.20, SERIAL CORR 0.251.

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

Summary statistics for log annual means: MEAN 2.45, VARIANCE 0.01, STANDARD DEVIATION 0.09, SKEWNESS -0.14, COEFF. OF VARIATION 0.04, SERIAL CORR 0.213.

09303000 NORTH FORK WHITE RIVER AT BUFORD, COLO.

LOCATION.--Lat 39°59'15", long 107°36'50", in NW¼NW¼ sec.9, T.1 S., R.91 W., Rio Blanco County, on right bank 600 ft (180 m) east of Buford and 1.2 mi (1.9 km) upstream from South Fork White River.

DRAINAGE AREA.--254 mi² (658 km²).

REMARKS.--Diversions above station for irrigation of about 900 acres (3.64 km²) above and 300 acres (1.21 km²) below station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
NORTH FORK WHITE RIVER AT BUFORD, 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	
1911								55	134	63	6	5	16	5	4	14	5	1	6	9	7	20	10	3	2											
1912								8	112	66	13	38	17	14	4	8	5	7	9	3	6	4	9	7	2	7	3	2	5	1	4	5	2	4	1	
1913								93	60	68	47	18	8	7	11	6	9	7	9	10	5	4	3													
1914								62	101	30	23	7	27	10	13	20	1	6	2	2	4	1	5	4	11	2	18	14		1	1					
1915								74	93	9	84	10	5	1	8	11	14	11	12	19	5	8	1													
1920					5	192	16	8	28	3	12	6	6	11	4	5	3	7	1	3	7	2	7	2	7	6	11	7	7	4	2	3				
1952			1	40	45	48	39	31	10	4	11	7	27	17	4	4	5	6	6	6	8	7	13	7	6	1	4	6	3							
1953				5	14	94	81	37	32	15	12	12	7	9	5	3	2	1	1	2	3	8	8	9	1											
1954				1	12	97	125	46	16	5	5	6	7	10	10	4	7	12	2																	
1955		1	5	15	81	53	64	17	32	22	2	4	4	4	3	2	6	5	12	7	11	9	6													
1956				1	31	56	101	34	8	19	17	8	12	3	5	10	3	8	8	2	5	5	7	15	6	2										
1957					6	56	90	40	6	8		12	17	11	10	5	9	10	9	6	6	2	7	4	4	4	10	10	12	1						
1958					9	68	54	67	40	40	9	6	9	5	2	1	4	2	3	3	5	8	6	3	5	8	13									
1959					1	13	77	93	39	28	16	12	11	4	1	5	5	8	15	11	8	4	9	5												
1960					1	20	48	63	38	43	41	11	12	6	16	6	3	4	3	10	10	12	6	13												
1961					1	32	40	92	56	30	25	7	10	7	3	2	7	7	4	2	12	12	6													
1962					1	37	16	60	37	31	31	17	14	7	17	3	3	6	1	6	7	9	17	25	11		4	3	2							
1963			1	5	25	26	61	75	56	35	13	14	8	6	6	4	3	5	2	5	10	2	3													
1964			2	13	73	67	43	14	33	19	7	18	11	5	4	4	2	2	4	5	5	1	10	13	6	5										
1965					20	49	51	55	25	6	5	19	18	15	12	14	5	4	6	7	2	9	8	11	9	3	7	5								
1966					31	42	99	42	36	20	21	14	11	4	4	6	14	9	9	3																
1967			1	61	13	32	64	24	21	13	6	13	5	9	5	3	3	4	5	11	8	5	7	7												
1968					68	77	49	33	17	6	10	25	8	4	6	8	6	4	3	4	4	2	4	12	11	3	1	1								
1969					34	18	42	111	34	20	7	8	3	7	5	7	7	5	13	6	8	12	16	2												
1970					32	56	55	30	32	30	25	7	13	5	9	2	2	6	5	3	2	2	5	24	5	5	6	4								
1971			2	7	10	16	67	52	34	38	20	7	9	13	10	6	6	8	10	8	9	10	14	9												
1972				1	1	17	59	88	76	12	16	11	8	10	10	4	8	6	5	5	8	6	10	3	1											
1973			3	4	41	11	46	42	58	42	13	12	8	4	5	11	5	1	3	1	2	10	14	14	8	4	3									
1974					5	13	79	73	59	21	4	11	6	12	7	6	3	4	4	3	3	9	9	24	5	3	1	1								
1975					17	27	49	68	40	37	18	7	11	9	6	5	3	3	3	3	3	2	6	15	21	8	6									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	10958	100.0	12	290.0	276	2817	25.7	24	1100	108	372	3.3
1	90.00	1	10958	100.0	13	320.0	255	2541	23.2	25	1200	86	264	2.4
2	100.00	12	10957	100.0	14	360.0	228	2286	20.9	26	1300	58	178	1.6
3	110.00	50	10945	99.9	15	400.0	201	2058	18.8	27	1400	53	120	1.0
4	120.00	726	10895	99.4	16	450.0	153	1857	16.9	28	1600	28	67	.6
5	140.00	782	10169	92.8	17	500.0	146	1704	15.6	29	1800	19	39	.3
6	150.00	1794	9387	85.7	18	550.0	209	1558	14.2	30	2000	8	20	.1
7	170.00	1697	7593	69.3	19	620.0	167	1349	12.3	31	2200	5	12	.1
8	190.00	1261	5896	53.8	20	690.0	163	1182	10.8	32	2500	2	7	
9	210.00	990	4635	42.3	21	760.0	183	1019	9.3	33	2700	4	5	
10	240.00	399	3645	33.3	22	850.0	217	836	7.6	34	3100	1	1	
11	260.00	429	3246	29.6	23	940.0	247	619	5.6					

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 WHITE RIVER AT BUFORD, CO.

YEAR	1	3	7	15	30	60	90	120	183
1911	1130.0 19	1060.0 19	928.0 21	878.0 20	806.0 21	767.0 18	645.0 17	550.0 16	437.0 15
1912	3150.0 1	2940.0 1	2710.0 1	2530.0 1	2000.0 1	1500.0 1	1180.0 1	965.0 1	719.0 1
1913	850.0 26	827.0 26	749.0 26	678.0 27	650.0 27	568.0 25	479.0 26	419.0 26	339.0 26
1914	1910.0 4	1670.0 5	1470.0 6	1300.0 8	1300.0 6	1140.0 5	900.0 5	754.0 5	577.0 5
1915	760.0 28	720.0 28	701.0 28	665.0 28	609.0 28	554.0 27	505.0 25	436.0 25	349.0 24
1920	2110.0 2	2060.0 2	1900.0 2	1700.0 3	1500.0 3	1230.0 3	976.0 3	803.0 3	593.0 4
1952	1850.0 5	1830.0 4	1770.0 4	1630.0 4	1360.0 4	1140.0 4	931.0 4	788.0 4	600.0 3
1953	1630.0 6	1560.0 6	1400.0 9	1180.0 9	1090.0 10	780.0 17	619.0 20	525.0 20	408.0 20
1954	640.0 30	617.0 30	594.0 30	568.0 29	521.0 30	441.0 30	369.0 30	324.0 30	270.0 29
1955	897.0 24	878.0 24	854.0 24	753.0 24	703.0 24	652.0 24	522.0 24	443.0 24	347.0 25
1956	1210.0 17	1200.0 17	1150.0 18	1080.0 18	998.0 17	814.0 16	668.0 15	564.0 15	433.0 16
1957	2000.0 3	1950.0 3	1890.0 3	1710.0 2	1630.0 2	1390.0 2	1130.0 2	959.0 2	718.0 2
1958	1540.0 8	1510.0 8	1490.0 5	1460.0 5	1320.0 5	1060.0 6	817.0 9	676.0 9	510.0 11
1959	971.0 22	964.0 21	939.0 20	871.0 22	761.0 23	697.0 21	580.0 21	496.0 21	396.0 21
1960	922.0 23	908.0 23	890.0 23	817.0 23	774.0 22	669.0 23	576.0 22	494.0 22	390.0 22

09303000 NORTH FORK WHITE RIVER AT BUFORD, 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 FORK WHITE RIVER AT BUFORD, CO.

YEAR	1	3	7	15	30	60	90	120	183
1961	810.0 27	791.0 27	747.0 27	721.0 26	691.0 25	562.0 26	450.0 27	384.0 27	320.0 27
1962	1470.0 11	1440.0 10	1360.0 10	1170.0 10	1000.0 15	918.0 12	848.0 6	723.0 6	552.0 7
1963	894.0 25	871.0 25	786.0 25	746.0 25	659.0 26	490.0 28	407.0 28	354.0 28	293.0 28
1964	1280.0 16	1240.0 16	1230.0 15	1130.0 14	1040.0 13	831.0 15	653.0 16	548.0 17	423.0 18
1965	1520.0 9	1480.0 9	1420.0 8	1320.0 7	1160.0 8	1010.0 8	842.0 7	716.0 7	554.0 6
1966	662.0 29	650.0 29	612.0 29	557.0 30	536.0 29	451.0 29	380.0 29	327.0 29	268.0 30
1967	999.0 20	983.0 20	950.0 19	885.0 19	816.0 20	671.0 22	542.0 23	460.0 23	361.0 23
1968	1420.0 13	1340.0 12	1260.0 12	1160.0 11	1110.0 9	850.0 14	675.0 14	573.0 14	438.0 14
1969	985.0 21	950.0 22	911.0 22	877.0 21	849.0 19	736.0 20	630.0 19	534.0 19	416.0 19
1970	1550.0 7	1520.0 7	1430.0 7	1330.0 6	1210.0 7	1040.0 7	825.0 8	683.0 8	518.0 8
1971	1180.0 18	1180.0 18	1170.0 17	1110.0 16	998.0 16	876.0 13	748.0 13	652.0 11	511.0 10
1972	1420.0 14	1280.0 14	1190.0 16	1090.0 17	958.0 16	764.0 19	633.0 18	543.0 18	429.0 17
1973	1300.0 15	1280.0 15	1240.0 13	1120.0 15	1040.0 14	949.0 11	765.0 12	637.0 13	462.0 13
1974	1470.0 10	1370.0 11	1280.0 11	1160.0 12	1060.0 12	955.0 10	776.0 11	652.0 12	494.0 12
1975	1430.0 12	1320.0 13	1230.0 14	1150.0 13	1070.0 11	998.0 9	810.0 10	675.0 10	513.0 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 FORK WHITE RIVER AT BUFORD, CO.

YEAR	1	3	7	14	30	60	90	120	183
1912	178.00 26	184.00 27	187.00 27	189.00 27	190.00 27	192.00 27	206.00 27	208.00 27	214.00 26
1913	180.00 27	180.00 26	180.00 26	180.00 26	180.00 26	180.00 25	187.00 26	193.00 25	211.00 25
1914	165.00 25	165.00 25	165.00 25	165.00 25	165.00 23	165.00 21	168.00 22	170.00 22	175.00 19
1915	160.00 24	160.00 24	160.00 24	160.00 23	160.00 22	165.00 22	165.00 20	166.00 18	187.00 22
1953	120.00 14	123.00 10	137.00 17	147.00 19	153.00 20	157.00 18	162.00 19	169.00 20	167.00 12
1954	130.00 19	140.00 20	150.00 22	153.00 21	158.00 21	167.00 23	168.00 23	170.00 21	175.00 20
1955	90.00 1	100.00 1	109.00 3	117.00 4	121.00 3	122.00 2	124.00 1	126.00 1	135.00 2
1956	110.00 7	117.00 7	124.00 9	128.00 8	132.00 7	137.00 7	140.00 6	145.00 7	150.00 5
1957	120.00 15	127.00 14	142.00 19	143.00 17	144.00 16	145.00 13	147.00 13	150.00 11	155.00 7
1958	145.00 23	148.00 22	149.00 21	159.00 22	172.00 24	179.00 24	186.00 24	197.00 26	217.00 27
1959	130.00 20	146.00 21	148.00 20	149.00 20	152.00 19	159.00 19	160.00 18	166.00 19	168.00 14
1960	110.00 8	117.00 8	123.00 7	129.00 9	134.00 8	139.00 9	141.00 7	144.00 6	163.00 9
1961	110.00 9	123.00 11	126.00 10	127.00 7	135.00 10	138.00 8	139.00 5	143.00 5	153.00 6
1962	110.00 10	120.00 9	123.00 8	125.00 5	129.00 5	136.00 6	142.00 8	147.00 9	167.00 13
1963	100.00 2	110.00 4	119.00 5	135.00 13	138.00 11	147.00 14	147.00 14	151.00 12	174.00 18
1964	100.00 3	103.00 2	107.00 1	114.00 1	118.00 1	120.00 1	124.00 2	128.00 2	136.00 3
1965	127.00 17	129.00 17	134.00 15	135.00 14	140.00 14	142.00 12	146.00 9	153.00 13	164.00 10
1966	120.00 11	128.00 15	138.00 18	144.00 18	149.00 18	151.00 16	153.00 15	158.00 15	183.00 21
1967	105.00 5	113.00 5	116.00 4	116.00 2	119.00 2	124.00 3	125.00 3	128.00 3	134.00 1
1968	120.00 12	126.00 13	127.00 11	127.00 6	129.00 6	132.00 4	135.00 4	136.00 4	141.00 4
1969	127.00 18	129.00 16	130.00 12	131.00 11	134.00 9	141.00 10	146.00 10	155.00 14	164.00 11
1970	125.00 16	133.00 19	134.00 16	136.00 15	139.00 12	142.00 11	146.00 11	146.00 8	162.00 8
1971	110.00 6	116.00 6	123.00 6	130.00 10	141.00 15	164.00 20	167.00 21	173.00 23	189.00 23
1972	137.00 22	149.00 23	153.00 23	164.00 24	173.00 25	185.00 26	186.00 25	187.00 24	198.00 24
1973	100.00 4	103.00 3	109.00 2	116.00 3	124.00 4	136.00 5	146.00 12	150.00 10	171.00 15
1974	120.00 13	125.00 12	130.00 13	139.00 16	147.00 17	154.00 17	159.00 17	164.00 17	172.00 16
1975	131.00 21	131.00 18	133.00 14	135.00 12	139.00 13	148.00 15	157.00 16	160.00 16	172.00 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)											
199	183	167	160	154	157	264	765	860	389	244	206
1194	700	668	645	411	431	7048	43990	103900	38740	3957	1462
34.6	26.5	25.8	25.4	20.3	20.8	84.0	210	322	197	62.9	38.2
0.22	0.47	0.55	0.87	0.47	0.69	1.17	0.85	0.10	2.09	1.06	0.74
0.17	0.14	0.15	0.16	0.13	0.13	0.32	0.27	0.37	0.51	0.26	0.19
5.30	4.88	4.45	4.28	4.12	4.19	7.05	20.4	22.9	10.4	6.50	5.50

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)											
2.29	2.26	2.22	2.20	2.18	2.19	2.40	2.87	2.90	2.55	2.37	2.31
0.01	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.04	0.04	0.01	0.01
0.08	0.06	0.07	0.07	0.06	0.06	0.13	0.11	0.19	0.19	0.11	0.08
0.02	0.13	0.16	0.42	0.20	0.43	0.42	0.38	-0.93	0.56	0.38	0.22
0.03	0.03	0.03	0.03	0.03	0.03	0.05	0.04	0.07	0.07	0.04	0.03
7.97	7.86	7.71	7.65	7.60	7.63	8.36	9.98	10.1	8.86	8.26	8.03

09303000 NORTH FORK WHITE RIVER AT BUFORD, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN 313	VARIANCE 3751	STANDARD DEVIATION 61.2	SKEWNESS 0.55	COEFF. OF VARIATION 0.20	SERIAL CORR 0.043
-------------	------------------	----------------------------	------------------	-----------------------------	----------------------

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN 2.49	VARIANCE 0.01	STANDARD DEVIATION 0.08	SKEWNESS 0.11	COEFF. OF VARIATION 0.03	SERIAL CORR 0.076
--------------	------------------	----------------------------	------------------	-----------------------------	----------------------

09303500 SOUTH FORK WHITE RIVER NEAR BUFORD, COLO.

LOCATION.--Lat 39°55'18", long 107°33'04", in NW¼SE¼ sec.36, T.1 S., R.91 W., Rio Blanco County, on left bank at upstream side of county bridge, 10 ft (3 m) downstream from Peltier Creek, and 5.6 mi (9.0 km) southeast of Buford.

DRAINAGE AREA.--157 mi² (407 km²).

REMARKS.--Diversions for irrigation of about 600 acres (2.43 km²) of hay meadows above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN SOUTH FORK WHITE RIVER NEAR BUFORD, CO.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1904					60	31	61		10	31	33	32	18	6	14	13	6	2	4	5	7	2	6	6	4	2	6	5	1	1					
1905				59	62	30	2	5	31	61	11	15	16	12	6	6	3	3	3	2	2	1	5	6	1	5	2	2	1	5	4	3	1		
1906				90	31	30	2	1	58			1	34	36	2	1	2	1	5	2	34	2	1	3	4	5	3	2	4	4	1	1	3	2	
1911		2	117	92		33	16	9	3	4	3	14	2	4	4	5	7	5	7	5	2	4	4	6	2	4	10	2	5	1					
1912			129		50	57	1	8	25	9	4	6	4	2	5	3	3	2	5	2	2	11	3	3	6	3	4	4	6	6	3				
1913			90		108	21	11	9	15	21	22	8	4	4	6	4	8	11	4	4	1														
1914			59	31	21	40	22	43	36	22	5	5	8	4	9	6	2	2	2	2	2	3	6	3	3	10		8	11	2					
1915			90	31	32	50	35	16	17	11	17	3	4	4	7	10	5	4	6	5	8	2	6	1	1										
1943			17	56	128	19	14	11	18	12	4	7	6	10	11	4	4	1	5	7	6	4	6	6	8	1									
1944		2	19	131	71	29	18	5	7	6	4	9	3	2	3	5	3	3	2	5	6	5	5	5	5	13									
1945		3	22	36	75	50	19	29	7	12	7	5	15	4	2	11	4	5	9	3	7	3	7	11	5	3	5	1	4	1					
1946			14	78	73	58	36	8	6	8	5	6	4	3	3	12	11	9	9	5	3	1	1	4	3	5									
1947			2	23	64	53	40	42	9	16	15	7	5	4	2	5	3	2	3	1	1	3	12	11	10	12	15	2	2	1					
1968		12	42	89	51	24	15	14	3	10	26	15	8	4	3	3	5	3	2	2	1	3	2	2	1	4	4	8	5	2					
1969		1	5	50	94	33	9	34	17	15	13	5	8	2	3	4	7	5	8	10	4	7	3	5	2	6	5	3	5	2					
1970		1	10	28	91	19	26	50	15	18	20	8	8	2	2	4	7	8	2	1	1	2	3	1	5	2	9	6	11	5					
1971			3	26	70	34	62	15	23	20	16	7	11	8	3	10	3	4	7	3	5	4		6	4	7	2	8	4						
1972			3	18	72	121	44	24	14	7	8	6	6	2	2	1	1	3	3	6	2	4		2	3	1	5	7	1						
1973			39	63	41	65	28	26	21	5	5	4	7	2	4	1	3	2	2	5	5	5	5	5	13	1	2	5	1						
1974			6	55	113	44	36	9	11	16	6	7	2	2	2	3	1	2	2	2	5	10	6	4	8	5	4	4							
1975			6	65	60	64	27	22	17	10	10	5	2	4	4	2	6	5	9	4	4	2	1	3	3	6	10	10	3	1					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	7670	100.0	12	220.0	196	1913	24.9	24	900	89	556	7.2
1	60.00	17	7670	100.0	13	250.0	172	1717	22.4	25	1000	84	467	6.0
2	68.00	85	7653	99.8	14	280.0	134	1545	20.1	26	1100	126	383	4.9
3	76.00	291	7568	98.7	15	310.0	97	1411	18.4	27	1300	39	257	3.3
4	85.00	1462	7277	94.9	16	350.0	115	1314	17.1	28	1400	92	218	2.8
5	96.00	1082	5815	75.8	17	400.0	96	1199	15.6	29	1600	65	126	1.6
6	110.00	664	4733	61.7	18	450.0	80	1103	14.4	30	1800	34	61	.7
7	120.00	901	4069	53.1	19	500.0	89	1023	13.3	31	2100	14	27	.3
8	140.00	294	3168	41.3	20	560.0	86	934	12.2	32	2300	7	13	.1
9	150.00	389	2874	37.5	21	630.0	112	848	11.1	33	2600	4	6	
10	170.00	370	2485	32.4	22	710.0	83	736	9.6	34	2900	2	2	
11	200.00	202	2115	27.6	23	800.0	97	653	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 SOUTH FORK WHITE RIVER NEAR BUFORD, CO.	1	3	7	15	30	60	90	120	183									
1904	1830.0	10	1670.0	12	1490.0	13	1330.0	13	1170.0	12	866.0	12	689.0	11	577.0	11	444.0	9
1905	2820.0	2	2490.0	2	2310.0	2	2110.0	2	1600.0	3	1060.0	5	801.0	6	654.0	6	486.0	6
1906	2960.0	1	2830.0	1	2690.0	1	2210.0	1	1710.0	2	1200.0	2	960.0	2	792.0	1	594.0	1
1911	2150.0	5	2070.0	4	1920.0	5	1710.0	4	1460.0	6	1040.0	6	788.0	7	631.0	7	452.0	7
1912	2440.0	3	2400.0	3	2280.0	3	2060.0	3	1720.0	1	1290.0	1	961.0	1	766.0	2	544.0	2
1913	1640.0	16	1640.0	14	1490.0	14	1220.0	16	932.0	18	703.0	18	555.0	18	477.0	17	365.0	16
1914	1870.0	8	1810.0	8	1750.0	6	1660.0	5	1470.0	5	1120.0	3	846.0	4	683.0	3	503.0	3
1915	1130.0	21	1040.0	21	912.0	21	886.0	21	755.0	21	588.0	21	471.0	21	389.0	21	296.0	21

09303500 SOUTH FORK WHITE RIVER NEAR BUFORD, 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 FORK WHITE RIVER NEAR BUFORD, CD.

YEAR	1	3	7	15	30	60	90	120	183
1943	1150.0 20	1080.0 20	1020.0 20	922.0 20	886.0 19	657.0 19	539.0 19	446.0 19	334.0 19
1944	1270.0 18	1230.0 18	1170.0 18	1140.0 18	1010.0 17	778.0 17	588.0 17	474.0 18	344.0 18
1945	1600.0 17	1560.0 16	1460.0 15	1250.0 15	1040.0 16	821.0 15	658.0 13	544.0 13	397.0 13
1946	1230.0 19	1230.0 19	1160.0 19	1020.0 19	779.0 20	616.0 20	496.0 20	406.0 20	307.0 20
1947	1680.0 14	1530.0 17	1290.0 17	1180.0 17	1130.0 14	1030.0 8	842.0 5	680.0 5	490.0 4
1968	1950.0 7	1880.0 7	1660.0 10	1500.0 11	1340.0 8	866.0 13	647.0 15	527.0 14	382.0 15
1969	1660.0 15	1600.0 15	1460.0 16	1380.0 12	1150.0 13	850.0 14	678.0 12	552.0 12	407.0 12
1970	1780.0 11	1720.0 10	1670.0 9	1530.0 8	1420.0 7	1040.0 7	779.0 8	626.0 8	451.0 8
1971	1760.0 12	1670.0 13	1630.0 11	1520.0 9	1280.0 9	931.0 10	716.0 10	592.0 10	440.0 10
1972	1830.0 9	1750.0 9	1680.0 8	1590.0 6	1220.0 11	792.0 16	591.0 16	481.0 16	360.0 17
1973	2140.0 6	2050.0 5	1950.0 4	1500.0 10	1230.0 10	984.0 9	736.0 9	593.0 9	429.0 11
1974	1740.0 13	1690.0 11	1600.0 12	1310.0 14	1100.0 15	874.0 11	652.0 14	525.0 15	384.0 14
1975	2230.0 4	2030.0 6	1720.0 7	1590.0 7	1550.0 4	1120.0 4	851.0 3	681.0 4	490.0 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 WHITE RIVER NEAR BUFORD, CO.

YEAR	1	3	7	14	30	60	90	120	183
1905	90.00 17	90.00 15	90.00 15	90.00 15	90.00 13	90.00 12	93.00 13	95.00 11	113.00 14
1906	85.00 11	85.00 11	85.00 11	85.00 9	85.00 5	85.00 3	87.00 3	90.00 6	105.00 11
1912	85.00 12	85.00 12	85.00 12	85.00 10	85.00 6	85.00 4	87.00 4	89.00 5	102.00 9
1913	85.00 13	85.00 13	85.00 13	85.00 11	85.00 7	88.00 8	90.00 11	99.00 14	109.00 12
1914	90.00 18	90.00 16	90.00 16	90.00 16	90.00 14	90.00 13	93.00 12	103.00 15	116.00 17
1915	85.00 14	85.00 14	85.00 14	85.00 12	85.00 8	88.00 9	88.00 5	91.00 7	115.00 15
1944	74.00 8	77.00 8	79.00 6	84.00 8	86.00 9	88.00 10	88.00 6	88.00 3	94.00 4
1945	66.00 5	70.00 4	72.00 3	73.00 2	75.00 2	86.00 5	88.00 7	88.00 4	91.00 3
1946	62.00 3	65.00 1	70.00 2	80.00 3	86.00 10	88.00 6	89.00 8	91.00 8	97.00 5
1947	71.00 6	75.00 7	81.00 8	82.00 6	83.00 3	89.00 11	90.00 9	93.00 10	101.00 8
1968	60.00 1	67.00 2	69.00 1	70.00 1	71.00 1	75.00 1	76.00 1	76.00 1	81.00 1
1969	62.00 2	72.00 5	77.00 4	80.00 4	83.00 4	84.00 2	85.00 2	85.00 2	89.00 2
1970	65.00 4	70.00 3	80.00 7	82.00 5	87.00 11	88.00 7	90.00 10	91.00 9	100.00 6
1971	74.00 7	75.00 6	78.00 5	83.00 7	90.00 15	101.00 17	103.00 17	103.00 16	110.00 13
1972	85.00 15	100.00 18	103.00 18	107.00 18	109.00 18	110.00 18	113.00 18	115.00 18	122.00 18
1973	87.00 16	92.00 17	94.00 17	95.00 17	96.00 17	100.00 16	102.00 16	106.00 17	116.00 16
1974	80.00 9	83.00 10	85.00 9	88.00 14	91.00 16	93.00 14	96.00 14	97.00 12	101.00 7
1975	80.00 10	81.00 9	85.00 10	86.00 13	88.00 12	94.00 15	97.00 15	97.00 13	103.00 10

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
133	111	100	92.9	92.9	97.9	151	598	1145	356	173	139
1218	209	358	74.1	86.8	239	2587	37230	112500	24470	2004	1372
34.9	14.4	18.9	8.61	9.32	15.5	50.9	193	335	156	44.8	37.0
1.64	0.18	2.56	0.74	0.74	0.89	0.63	0.84	0.10	1.05	1.20	2.58
0.26	0.13	0.19	0.09	0.10	0.16	0.34	0.32	0.29	0.44	0.26	0.27
4.16	3.47	3.14	2.91	2.91	3.07	4.74	18.8	35.9	11.2	5.43	4.37

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
2.11	2.04	1.99	1.97	1.97	1.99	2.16	2.76	3.04	2.52	2.23	2.13
0.01	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.02	0.03	0.01	0.01
0.10	0.06	0.07	0.04	0.04	0.07	0.14	0.14	0.13	0.18	0.10	0.10
1.02	-0.04	1.81	0.57	0.63	0.44	0.18	0.24	-0.32	0.44	0.64	1.61
0.05	0.03	0.04	0.02	0.02	0.03	0.07	0.05	0.04	0.07	0.05	0.04
7.85	7.59	7.42	7.31	7.31	7.38	8.02	10.3	11.3	9.35	8.28	7.93

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
264	1623	40.3	0.26	0.15	0.055

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.42	0.00	0.07	0.00	0.03	0.050

09304000 SOUTH FORK WHITE RIVER AT BUFORD, COLO.

LOCATION.--Lat 39°58'28", long 107°37'29", in NW¼NE¼ sec.17, T.1 S., R.91 W., Rio Blanco County, on left bank 300 ft (91 m) downstream from highway bridge, 0.8 mi (1.3 km) upstream from mouth, and 1.0 mi (1.6 km) south of Buford.

DRAINAGE AREA.--170 mi² (440 km²), approximately.

REMARKS.--Diversions above station for irrigation of about 1,100 acres (4.45 km²) above station and a small area below.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SOUTH FORK WHITE RIVER AT BUFORD, CO.

CLASS YEAR	NUMBER OF DAYS IN CLASS																																								
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34						
1952		1	4	20	97	34	18	17	17	11	12	18	12	14	5	9	5	3	3	3	7	4	11	6	2	7	3	2	2	4	2	2	10	1							
1953			1	13	22	52	89	56	14	16	17	26	4	8	4	2	3	1	3	3		2	2	1	2	6	2	3	4	2	2	2	3								
1954				11	95	93	48	29	13	11	6	7	9	4	5	1	3	2	6	3	3	4	3	2	3	3	1														
1955		2	2	36	85	73	31	15	32	15	7	3	4	3	3	5	2	1	3	3	2	6	3	4	4	5	8	2	4	1	1										
1956			1	10	76	126	22	14	25	13	4	7	3	10	4	3	1	5	1	5	5	2		2	3		5	3	4	6	5	1									
1957				8	102	82	4	1	11	15	15	4	10	15	10	10	8	5	7	5	3	2	1	1	7	2	5	3	5	4	7	3	4	5	1						
1958					44	30	49	87	60	16	10	3	4	3	4	2	2	4	2	3	3	2	1	3	1	6	2	2	3	10	7										
1959					10	48	43	58	73	28	16	7	8	5	7	7	3	2	5	6	3	5	2	3	6	4	6	2	2	3	3										
1960					3	25	60	78	23	63	16	8	17	10	6	5	3	2	1	2	4	3	3	4	4	5	1	9	4	1	4	2									
1961					3	24	104	55	36	54	17	12	8	3	3	2	5	4	2	2	1	1	2	3	5	3	9	4	1												
1962						3	36	61	28	34	42	31	18	2	10	5	4	5	3	8	6	5	6	9	4	3	11	6	6	8	4	1									
1963						2	13	40	45	63	114	25	8	4	1	2	4	5	4	4	2	2	4	1	2	2	3	4	4	3	4										
1964						1	11	29	50	93	37	22	24	15	13	7	5	3	1	4	2	2	2	7	2	2	2	7	5	6	10	1									
1965						2	18	102	52	21	16	24	14	16	9	13	4	8	7	5	2	3	4	2	3	5	3	4	8	2	6	3	5	4							
1966							21	74	61	36	64	32	12	11	3	4	3	3	4	2	5	4	3	5	5	3	3	3	4												
1967						1	13	46	76	75	36	17	18	5	7	7	9	5	2	2	1	1	3	2	3	6	4	4	5	1	6	7	1	2							
1968							3	14	97	82	20	11	26	19	18	6	5	7	6	4	2	2	6	4	3	1	1	2	3	6	7	3									
1969							1	1	9	66	90	17	13	42	22	13	3	5	3	1	5	3	5	4	10	9	5	5	8	3	10	5	3	1							
1970									6	46	70	42	38	36	23	12	7	8	7	1	3	6	4	3	4	4	1	2	2	3	11	6	5	12							
1971									1	2	28	37	56	96	26	11	8	9	9	7	7	9	3	4	8	3	3	4	3	2	8	4	2	10	2						
1972										5	7	50	83	123	16	9	6	4	7	8	5	1	2	2	1	3	2	4	3	4	2	3	3	1	8	4					
1973											1	12	44	73	98	23	19	11	4	5	9	6	2	2	2	2	1	4	6	4	6	15	3	2	3	6					
1974											1	14	91	92	56	13	9	13	6	6	3	3	3	2	2	2	1	2	4	6	7	6	2	12	1	4	4				
1975											1	6	97	67	29	36	17	5	1	21	6	5	4	2	2	6	6	7	5	4	2	3	4	5	9	2	8	4	1		

CLASS	VALUE	TOTAL	ACCU	PERCT	CLASS	VALUE	TOTAL	ACCU	PERCT	CLASS	VALUE	TOTAL	ACCU	PERCT
0	0.00	0	8766	100.0	12	210.0	183	1925	22.0	24	820	91	694	7.9
1	60.00	5	8766	100.0	13	230.0	155	1742	19.9	25	920	57	603	6.8
2	67.00	32	8761	99.9	14	260.0	119	1587	18.1	26	1000	173	546	6.2
3	75.00	176	8729	99.6	15	290.0	114	1468	16.7	27	1200	79	373	4.2
4	84.00	784	8553	97.6	16	330.0	84	1354	15.4	28	1300	62	294	3.3
5	95.00	1648	7769	88.6	17	370.0	66	1270	14.5	29	1400	108	232	2.6
6	110.00	1103	6121	69.8	18	410.0	80	1204	13.7	30	1600	65	124	1.4
7	120.00	897	5018	57.2	19	460.0	94	1124	12.8	31	1800	31	59	.6
8	130.00	1187	4121	47.0	20	520.0	83	1030	11.7	32	2000	8	28	.3
9	150.00	506	2934	33.5	21	580.0	81	947	10.8	33	2300	18	20	.2
10	170.00	301	2428	27.7	22	650.0	80	866	9.9	34	2600	2	2	
11	190.00	202	2127	24.3	23	730.0	92	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
SOUTH FORK WHITE RIVER AT BUFORD, CO.

YEAR	1	3	7	15	30	60	90	120	183									
1952	2600.0	1	2550.0	1	2470.0	1	2310.0	1	1830.0	1	1320.0	1	1040.0	1	828.0	1	607.0	1
1953	2410.0	3	2370.0	3	2160.0	3	1790.0	3	1420.0	4	884.0	12	661.0	12	544.0	12	402.0	11
1954	1380.0	22	1250.0	23	1120.0	23	923.0	23	725.0	24	498.0	24	389.0	24	322.0	24	250.0	24
1955	1730.0	14	1540.0	18	1380.0	18	1150.0	21	1040.0	19	743.0	19	553.0	19	449.0	19	330.0	19
1956	1800.0	10	1720.0	10	1620.0	8	1520.0	7	1270.0	11	830.0	15	617.0	15	497.0	15	363.0	16
1957	2600.0	2	2500.0	2	2390.0	2	2130.0	2	1720.0	2	1290.0	2	976.0	2	798.0	2	576.0	2
1958	1940.0	7	1870.0	7	1820.0	6	1750.0	4	1500.0	3	1020.0	4	745.0	8	597.0	8	437.0	8
1959	1690.0	15	1660.0	13	1550.0	13	1370.0	15	1070.0	18	791.0	17	603.0	16	496.0	16	373.0	15
1960	1680.0	17	1650.0	14	1530.0	14	1330.0	16	1100.0	16	780.0	18	591.0	17	484.0	17	360.0	17
1961	1300.0	23	1270.0	22	1200.0	22	1080.0	22	955.0	21	619.0	21	463.0	21	381.0	21	295.0	21
1962	1800.0	11	1780.0	8	1600.0	9	1470.0	10	1340.0	7	1120.0	3	901.0	3	736.0	3	535.0	3
1963	1580.0	20	1490.0	20	1370.0	19	1170.0	20	919.0	22	599.0	22	451.0	22	372.0	22	288.0	22
1964	1830.0	9	1570.0	16	1470.0	17	1380.0	14	1310.0	10	897.0	11	660.0	13	530.0	13	388.0	13
1965	1960.0	6	1910.0	6	1840.0	4	1640.0	5	1350.0	6	1000.0	6	765.0	5	624.0	5	460.0	4
1966	1150.0	24	1080.0	24	938.0	24	760.0	24	730.0	23	518.0	23	396.0	23	328.0	23	253.0	23
1967	1480.0	21	1400.0	21	1270.0	21	1210.0	19	1010.0	20	706.0	20	530.0	20	428.0	20	319.0	20
1968	1980.0	4	1950.0	4	1700.0	7	1620.0	6	1410.0	5	909.0	10	673.0	11	545.0	11	398.0	12
1969	1610.0	18	1500.0	19	1370.0	20	1320.0	17	1130.0	15	853.0	14	640.0	10	553.0	10	410.0	10
1970	1590.0	19	1560.0	17	1510.0	15	1410.0	12	1320.0	8	1000.0	7	755.0	7	608.0	7	443.0	7
1971	1690.0	16	1610.0	15	1580.0	12	1490.0	9	1260.0	12	919.0	9	706.0	9	583.0	9	432.0	9
1972	1770.0	12	1670.0	12	1590.0	11	1500.0	8	1200.0	14	793.0	16	590.0	18	478.0	18	358.0	18
1973	1980.0	5	1910.0	5	1830.0	5	1450.0	11	1240.0	13	1010.0	5	758.0	6	612.0	6	446.0	6
1974	1740.0	13	1690.0	11	1600.0	10	1310.0	18	1090.0	17	859.0	13	638.0	14	513.0	14	375.0	14
1975	1920.0	8	1750.0	9	1470.0	16	1380.0	13	1320.0	9	997.0	8	769.0	4	625.0	4	455.0	5

09304000 SOUTH FORK WHITE RIVER AT BUFORD, 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 WHITE RIVER AT BUFORD, CO.

YEAR	1	3	7	14	30	60	90	120	183
1953	80.00 12	85.00 13	91.00 14	96.00 15	105.00 19	110.00 19	116.00 20	115.00 19	119.00 16
1954	84.00 17	86.00 14	93.00 15	96.00 16	98.00 13	106.00 15	109.00 17	108.00 14	110.00 13
1955	60.00 1	65.00 1	72.00 3	78.00 3	81.00 3	82.00 3	84.00 3	86.00 2	94.00 5
1956	70.00 5	75.00 6	81.00 5	84.00 4	89.00 7	91.00 7	93.00 7	95.00 7	95.00 6
1957	75.00 9	78.00 7	85.00 8	87.00 6	87.00 4	90.00 5	91.00 5	91.00 5	91.00 2
1958	93.00 22	98.00 23	98.00 21	102.00 21	106.00 20	110.00 20	114.00 19	117.00 20	128.00 20
1959	85.00 18	92.00 17	93.00 16	94.00 13	96.00 11	102.00 12	105.00 14	108.00 15	115.00 15
1960	80.00 13	82.00 10	86.00 9	91.00 11	93.00 9	96.00 10	98.00 10	100.00 10	111.00 14
1961	75.00 10	80.00 8	84.00 7	89.00 9	93.00 10	94.00 9	95.00 8	96.00 8	102.00 8
1962	85.00 19	95.00 21	96.00 17	99.00 17	104.00 18	106.00 16	108.00 16	110.00 16	130.00 23
1963	80.00 11	82.00 11	89.00 12	96.00 14	100.00 16	107.00 17	107.00 15	111.00 17	120.00 17
1964	65.00 2	68.00 2	69.00 1	74.00 2	78.00 2	79.00 2	82.00 2	86.00 3	92.00 3
1965	82.00 14	83.00 12	87.00 10	90.00 10	98.00 14	104.00 14	104.00 13	105.00 11	106.00 10
1966	90.00 21	92.00 18	96.00 18	99.00 18	102.00 17	108.00 18	110.00 18	113.00 18	128.00 21
1967	65.00 3	70.00 3	71.00 2	73.00 1	73.00 1	76.00 1	80.00 1	83.00 1	87.00 1
1968	70.00 6	72.00 4	83.00 6	87.00 7	87.00 5	89.00 4	89.00 4	90.00 4	93.00 4
1969	65.00 4	72.00 5	80.00 4	84.00 5	88.00 6	91.00 6	92.00 6	92.00 6	97.00 7
1970	75.00 7	80.00 9	87.00 11	89.00 8	91.00 8	93.00 8	97.00 9	98.00 9	105.00 9
1971	75.00 8	92.00 19	98.00 19	101.00 20	106.00 21	112.00 21	118.00 21	121.00 22	123.00 18
1972	85.00 20	92.00 20	100.00 22	104.00 22	114.00 22	116.00 22	118.00 22	119.00 21	126.00 19
1973	94.00 23	96.00 22	106.00 23	113.00 23	119.00 23	122.00 23	123.00 23	123.00 23	130.00 22
1974	82.00 15	87.00 15	91.00 13	94.00 12	97.00 12	100.00 11	102.00 11	105.00 12	109.00 11
1975	83.00 16	90.00 16	98.00 20	100.00 19	100.00 15	103.00 13	104.00 12	108.00 13	110.00 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,SKWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
127	113	105	104	103	104	152	649	1006	293	157	132
553	268	198	210	163	126	2003	38070	144000	45600	1639	578
23.5	16.4	14.1	14.5	12.8	11.2	44.8	195	379	214	40.5	24.0
0.73	0.75	-0.16	-0.24	0.20	0.68	1.58	0.15	-0.26	2.87	1.19	0.33
0.19	0.14	0.13	0.14	0.12	0.11	0.29	0.30	0.38	0.73	0.26	0.18
4.17	3.71	3.45	3.42	3.40	3.41	5.00	21.3	33.0	9.62	5.17	4.33

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,SKWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.10	2.05	2.02	2.01	2.01	2.01	2.17	2.79	2.96	2.40	2.18	2.11
0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.04	0.05	0.01	0.01
0.08	0.06	0.06	0.06	0.05	0.05	0.11	0.14	0.21	0.23	0.10	0.08
0.32	0.53	-0.38	-0.50	-0.01	0.49	1.01	-0.46	-1.25	1.13	0.67	-0.13
0.04	0.03	0.03	0.03	0.03	0.02	0.05	0.05	0.07	0.09	0.05	0.04
7.82	7.64	7.52	7.51	7.50	7.51	8.08	10.4	11.0	8.94	8.15	7.88

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWNESS	COEFF. OF VARIATION	SERIAL CORR
254	2142	46.3	0.50	0.18	-0.041

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWNESS	COEFF. OF VARIATION	SERIAL CORR
2.40	0.01	0.08	0.10	0.03	-0.015

09304100 BIG BEAVER CREEK NEAR BUFORD, COLO.

LOCATION.--Lat 39°58'08", long 107°38'46", in SW¼NE¼ sec.18, T.1 S., R.91 W., Rio Blanco County, on right bank 165 ft (50 m) upstream from bridge on County Highway 132, 450 ft (140 m) upstream from mouth, and 2.0 mi (3.2 km) southwest of Buford.

DRAINAGE AREA.--34.6 mi² (89.6 km²).

REMARKS.--Small diversions above station for irrigation of hay meadows. One diversion above station for irrigation below station along the White River.

09304100 BIG BEAVER CREEK NEAR BUFORD, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
BIG BEAVER CREEK NEAR BUFORD, 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
1957	2	10			1				9	3	19	144	33	19	12	13	4	8	11	9	3	4	3	4	12	9	14	7	5	5	2				
1958					2	3	17	26	21	18	18	5	39	60	53	31	8	1	7	2	3	6	3	9	2	4	3	10	14						
1959			24	21	13	5	3	16	11	4	4	12	116	65	7	3	8	8	5	7	8	7	9	4	4	1									
1960	4	1	14	15	21	32	8	1	1	1	120	32	23	6	2	3	1	6	10	9	10	14	6	5	13	5	3								
1961	9	44	17	5	9	16	19	8	13	7	34	77	10	5	12	13	11	13	5	4	2	5	4	8	4	11									
1962	4	10	2	6	4	10	17	24	34	19	28	35	55	17	13	14	3	8	4	3	4	1	6	4	8	7	11	10	4						
1963	9	13	20	36	13	11	7	9	5	20	49	55	42	8	4	16	13	9	5	7	3	2	3	5	1										
1964	20	27	52	11	5	4	5	73	11	40	25	14	4	5	2	5	10	12	9	5	3	3	5	3	3	6	4								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	11	2922	100.0	12	3.1	422	1586	54.3	24	60	40	221	7.5
1	0.10	71	2911	99.6	13	4.0	276	1164	39.8	25	76	54	181	6.1
2	0.20	85	2840	97.2	14	5.1	133	888	30.4	26	98	29	127	4.3
3	0.30	89	2755	94.3	15	6.5	105	755	25.8	27	120	37	98	3.3
4	0.40	131	2666	91.2	16	8.4	98	650	22.2	28	160	31	61	2.0
5	0.60	73	2535	86.8	17	11.0	55	552	18.9	29	200	23	30	1.0
6	0.70	83	2462	84.3	18	14.0	52	497	17.0	30	260	5	7	.2
7	0.90	77	2379	81.4	19	17.0	60	445	15.2	31	330	2	2	
8	1.20	89	2302	78.8	20	22.0	49	385	13.2	32				
9	1.50	154	2213	75.7	21	29.0	33	336	11.5	33				
10	1.90	110	2059	70.5	22	37.0	41	303	10.4	34				
11	2.40	363	1949	66.7	23	47.0	41	262	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
BIG BEAVER CREEK NEAR BUFORD, CO.

YEAR	1	3	7	15	30	60	90	120	183									
1957	342.0	1	331.0	1	312.0	1	252.0	1	197.0	1	147.0	1	107.0	1	83.0	1	56.0	1
1958	246.0	2	243.0	2	234.0	2	219.0	2	191.0	2	120.0	2	83.0	2	64.0	2	44.0	2
1959	100.0	6	98.0	6	88.0	6	70.0	7	54.0	7	35.0	7	25.0	7	19.0	7	14.0	7
1960	141.0	5	132.0	5	116.0	5	100.0	5	80.0	5	62.0	4	46.0	4	36.0	4	24.0	4
1961	92.0	7	87.0	7	84.0	7	73.0	6	62.0	6	38.0	6	28.0	6	22.0	6	15.0	6
1962	224.0	3	216.0	3	202.0	3	170.0	3	157.0	3	108.0	3	75.0	3	57.0	3	39.0	3
1963	77.0	8	74.0	8	68.0	8	53.0	8	35.0	8	24.0	8	17.0	8	14.0	8	10.0	8
1964	185.0	4	179.0	4	167.0	4	141.0	4	96.0	4	58.0	5	41.0	5	32.0	5	22.0	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 BEAVER CREEK NEAR BUFORD, CO.

YEAR	1	3	7	14	30	60	90	120	183									
1957	0.00	1	0.00	1	0.00	1	0.14	2	0.31	3	0.55	3	0.76	3	1.60	3		
1958	2.40	8	2.60	8	2.60	8	3.40	8	4.10	8	5.10	8	5.80	8	5.70	8		
1959	0.60	7	0.67	7	0.79	7	0.89	7	1.19	7	1.30	7	1.50	6	2.00	7	2.70	6
1960	0.20	5	0.20	5	0.20	5	0.21	4	0.25	4	0.53	5	0.78	5	1.10	4	2.00	4
1961	0.10	4	0.10	4	0.17	4	0.28	5	0.36	5	0.48	4	0.57	4	0.62	2	1.19	2
1962	0.00	2	0.00	2	0.03	2	0.04	1	0.07	1	0.10	1	1.60	5	57.0	3	39.0	3
1963	0.60	6	0.60	6	0.66	6	0.84	6	0.92	6	1.19	6	1.60	7	2.00	6	2.40	5
1964	0.10	3	0.10	3	0.10	3	0.14	3	0.23	3	0.29	2	0.38	2	0.36	1	0.71	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,SKWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
3.32	3.83	3.27	2.75	3.78	4.94	28.0	91.6	33.0	2.95	1.32	1.72
6.40	3.22	1.97	1.88	1.23	2.88	604	2395	3473	32.4	3.34	2.19
2.53	1.79	1.40	1.37	1.11	1.70	24.6	48.9	58.9	5.69	1.83	1.48
0.38	1.45	1.60	0.19	0.47	0.80	1.92	0.91	2.69	2.73	2.55	0.97
0.76	0.47	0.43	0.50	0.29	0.34	0.88	0.53	1.78	1.93	1.38	0.86
1.84	2.12	1.81	1.52	2.09	2.74	15.5	50.7	18.3	1.64	0.73	0.96

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,SKWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.34	0.55	0.48	0.37	0.56	0.67	1.34	1.91	1.07	0.01	-0.15	0.09
0.24	0.04	0.03	0.08	0.02	0.02	0.10	0.06	0.44	0.37	0.28	0.15
0.49	0.19	0.17	0.28	0.13	0.14	0.31	0.24	0.66	0.61	0.53	0.39
-0.90	0.23	0.37	-1.39	0.09	0.39	1.03	-0.32	0.28	1.03	-0.21	0.18
1.44	0.35	0.35	0.75	0.23	0.21	0.23	0.13	0.62	44.2	-3.54	4.52
4.71	7.53	6.69	5.17	7.75	9.29	18.4	26.3	14.8	0.19	-2.08	1.20

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWNESS	COEFF. OF VARIATION	SERIAL CORR
15.1	74.5	8.63	0.71	0.57	0.121

GREEN RIVER BASIN

09304100 BIG BEAVER CREEK NEAR BUFORD, COLO.--Continued

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
1.12	0.06	0.25	0.15	0.23	-0.129

09304150 MILLER CREEK NEAR MEEKER, COLO.

LOCATION.--Lat 39°55'52", long 107°46'10", in NW¼NW¼ sec.31, T.1 S., R.92 W., Rio Blanco County, on left bank 200 ft (61 m) downstream from bridge, 1.1 mi (1.8 km) upstream from mouth, and 11 mi (18 km) southeast of Meeker.

DRAINAGE AREA.--57.6 mi² (149.2 km²).

REMARKS.--One small diversion above station for irrigation below.

OURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
MILLER CREEK NEAR MEEKER, 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																																			
1971			1	2	6	19	9	29	121	35	55	30	17	15	4	3	1	1	3	5	6		1		1	1										
1972	5	3	6	4	27	37	72	57	58	18	36	4	14	13	2	3	1	2	3	1	2	1	2	1	3	4	1	1	1	1	1	2	2	2	1	
1973					13	24	72	101	31	47	23	11	4	3	6	4	2	3	1	1	3	4	1	1	1	1	1	1	1	1	2	2	2	2	1	
1974				3	5	27	51	45	68	53	62	17	12		1	3	2	2	1	1	1	1	1	1	2	2	3	1	2							
1975					3	45	32	41	110	36	19	16	10	7	7	5	2	4	2	3	2	3	5	1	1	3	1	2			2		5			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1826	100.0	12	21.0	90	338	18.5	24	61	7	41	2.2
1	8.00	5	1826	100.0	13	23.0	64	248	13.6	25	66	5	34	1.8
2	8.70	3	1821	99.7	14	25.0	39	184	10.1	26	72	8	29	1.5
3	9.50	7	1818	99.6	15	27.0	17	145	7.9	27	79	3	21	1.1
4	10.00	9	1811	99.2	16	30.0	20	128	7.0	28	86	3	18	.9
5	11.00	41	1802	98.7	17	33.0	10	108	5.9	29	94	2	15	.8
6	12.00	141	1761	96.4	18	36.0	11	98	5.4	30	100	1	13	.7
7	14.00	188	1620	88.7	19	39.0	9	87	4.8	31	110	7	12	.6
8	15.00	244	1432	78.4	20	43.0	10	78	4.3	32	120	2	5	.2
9	16.00	458	1188	65.1	21	47.0	11	68	3.7	33	130	2	3	.1
10	18.00	173	730	40.0	22	51.0	6	57	3.1	34	150	1	1	
11	19.00	219	557	30.5	23	55.0	10	51	2.8					

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

DISCHARGE, IN CUBIC FEET PER SECONO

MEAN
MILLER CREEK NEAR MEEKER, CO.

YEAR	1	3	7	15	30	60	90	120	183
1971	73.0 4	67.0 4	54.0 4	50.0 4	40.0 4	30.0 3	26.0 3	24.0 3	21.0 3
1972	53.0 5	50.0 5	43.0 5	35.0 5	30.0 5	23.0 5	20.0 5	19.0 5	17.0 5
1973	168.0 1	153.0 1	135.0 1	102.0 1	73.0 1	48.0 1	38.0 1	33.0 1	27.0 1
1974	88.0 3	87.0 3	79.0 3	65.0 3	45.0 3	30.0 4	26.0 4	23.0 4	21.0 4
1975	111.0 2	110.0 2	107.0 2	87.0 2	67.0 2	47.0 2	38.0 2	32.0 2	27.0 2

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

DISCHARGE, IN CUBIC FEET PER SECONO

MEAN
MILLER CREEK NEAR MEEKER, CO.

YEAR	1	3	7	14	30	60	90	120	183
1972	9.50 2	9.80 2	11.00 3	11.00 2	13.00 4	14.00 4	15.00 3	15.00 3	16.00 3
1973	8.00 1	8.50 1	9.20 1	10.00 1	12.00 1	12.00 1	12.00 1	14.00 1	15.00 1
1974	12.00 4	12.00 4	13.00 4	13.00 4	13.00 2	14.00 2	15.00 4	16.00 4	18.00 4
1975	10.00 3	10.00 3	11.00 2	12.00 3	13.00 3	14.00 3	14.00 2	15.00 2	16.00 2

STATISTICS ON NDRMAL MONTHLY MEANS (ALL DAYS)

	OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)	20.3	18.1	16.7	15.7	14.7	15.2	15.3	40.1	28.2	16.9	15.2	18.8
	1.51	0.70	4.20	0.68	1.72	2.01	1.56	160	347	20.5	2.14	4.70
	1.23	0.83	2.05	0.83	1.31	1.42	1.25	12.7	18.6	4.53	1.46	2.17
	0.67	-0.32	2.09	-0.03	1.28	2.20	-0.13	1.20	1.23	0.73	-0.23	0.33
	0.06	0.05	0.12	0.05	0.09	0.09	0.08	0.32	0.66	0.27	0.10	0.12
	8.64	7.70	7.12	6.67	6.23	6.48	6.50	17.1	12.0	7.17	6.45	8.01

09304150 MILLER CREEK NEAR MEEKER, 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)											
1.31	1.26	1.22	1.20	1.16	1.18	1.18	1.59	1.38	1.21	1.18	1.27
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.08	0.01	0.00	0.00
0.03	0.02	0.05	0.02	0.04	0.04	0.04	0.13	0.28	0.11	0.04	0.05
0.70	-0.31	2.07	-0.05	1.21	2.21	-0.15	0.81	0.45	0.26	-0.46	0.27
0.02	0.02	0.04	0.02	0.03	0.03	0.03	0.08	0.20	0.09	0.04	0.04
8.63	8.31	8.06	7.69	7.69	7.80	7.81	10.5	9.09	8.02	7.79	8.41

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
19.6	4.86	2.20	-0.71	0.11	-0.571

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.29	0.00	0.05	-0.89	0.04	-0.557

09304200 WHITE RIVER ABOVE COAL CREEK, NEAR MEEKER, COLO.

LOCATION.--Lat 40°00'18", long 107°49'29", in NW¼NW¼ sec.3, T.1 S., R.93 W., Rio Blanco County, on right bank 16 ft (5 m) upstream from county road bridge, 2.3 mi (3.7 km) upstream from Coal Creek, and 5.0 mi (8.0 km) southeast of Meeker.

DRAINAGE AREA.--660 mi² (1,710 km²), approximately.

REMARKS.--Diversions above station for irrigation of about 8,000 acres (32.4 km²) above station and about 4,000 acres (16.2 km²) below.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WHITE RIVER ABOVE COAL CREEK, NEAR MEEKER, 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																																					
1962										1	1	7	43	63	59	38	19	30	10	2	4	2	1	3	1	4	9	14	14	22	9	3	4	2			
1963									12	4	9	7	9	27	66	57	45	50	24	12	5	6	2	4	2	3	2	2	6	5	5	1					
1964											13	10	14	78	112	26	21	21	10	5	3	2	1	2	6	1	4	2	4	8	12	4	5				
1965														4	84	71	45	13	19	20	13	10	11	5	7	4	3	5	7	6	4	9	6	9	8	2	
1966	12	3	11	6	6	21	18	17		4	5	10	40	26	29	42	33	29	10	2	6	1	9	7	4	7	5	2									
1967		3	2	3	13	5	6		6	16	51	120	30	24	12	10	5	6	3	3	4	1	2	3	9	7	4	3	7	5	2						
1968									1	8	97	102	22	32	23	9	3	1	4	5	8	5	4	2	4	4	3	4	5	8	5	7					
1969									3	2	10	97	78	65	17	4	4	5	5	6	5	9	8	6	6	4	6	11	12	2							
1970												8	63	65	50	55	24	22	5	3	4	7	2	2	3	4	1	4	6	10	6	10	7	4			
1971								1	4	4	9	54	47	47	62	31	11	2	10	9	3	5	6	3	14	8	7	5	10	6	7						
1972																																					
1973																																					
1974																																					
1975																																					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5113	100.0	12	250.0	975	4439	86.8	24	1100	35	664	12.9
1	66.00	12	5113	100.0	13	290.0	733	3464	67.7	25	1200	80	629	12.3
2	75.00	3	5101	99.8	14	320.0	689	2731	53.4	26	1400	69	549	10.7
3	84.00	14	5098	99.7	15	360.0	543	2042	39.9	27	1600	85	480	9.3
4	95.00	19	5084	99.4	16	410.0	256	1499	29.3	28	1800	85	395	7.7
5	110.00	15	5065	99.1	17	460.0	195	1243	24.3	29	2000	115	310	6.0
6	120.00	57	5050	98.8	18	530.0	75	1048	20.5	30	2300	76	195	3.8
7	140.00	34	4993	97.7	19	590.0	67	973	19.0	31	2600	58	119	2.3
8	160.00	53	4959	97.0	20	670.0	67	906	17.7	32	2900	48	61	1.1
9	180.00	45	4906	96.0	21	760.0	54	839	16.4	33	3300	11	13	.2
10	200.00	82	4861	95.1	22	860.0	63	785	15.4	34	3700	2	2	
11	220.00	340	4779	93.5	23	970.0	58	722	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
WHITE RIVER ABOVE COAL CREEK, NEAR MEEKER, CO.

YEAR	1	3	7	15	30	60	90	120	183
1962	3390.0 4	3290.0 5	3090.0 4	2590.0 7	2220.0 7	2190.0 2	1930.0 1	1570.0 1	1140.0 1
1963	2020.0 13	1920.0 13	1830.0 13	1720.0 13	1400.0 13	957.0 13	777.0 13	653.0 13	527.0 13
1964	2770.0 9	2700.0 9	2640.0 9	2370.0 10	2180.0 9	1590.0 9	1190.0 10	977.0 10	737.0 10
1965	3360.0 5	3310.0 3	3230.0 2	3030.0 2	2640.0 2	2150.0 3	1710.0 2	1410.0 2	1070.0 2
1966	1600.0 14	1570.0 14	1430.0 14	1210.0 14	1200.0 14	904.0 14	731.0 14	619.0 14	510.0 14
1967	2690.0 11	2620.0 11	2440.0 11	2260.0 11	1910.0 12	1410.0 12	1070.0 12	886.0 12	672.0 12
1968	3270.0 6	3170.0 6	3040.0 6	2670.0 5	2490.0 4	1800.0 8	1300.0 8	1100.0 8	827.0 8
1969	2380.0 12	2290.0 12	2150.0 12	2090.0 12	1960.0 11	1530.0 10	1260.0 9	1040.0 9	781.0 9
1970	3620.0 2	3510.0 2	3330.0 1	3080.0 1	2800.0 1	2200.0 1	1670.0 3	1350.0 3	1000.0 3

09304200 WHITE RIVER ABOVE COAL CREEK, NEAR MEEKER, 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
WHITE RIVER ABOVE COAL CREEK, NEAR MEEKER, CO.

YEAR	1	3	7	15	30	60	90	120	183
1971	2800.0 8	2750.0 8	2720.0 8	2560.0 8	2220.0 8	1830.0 7	1490.0 7	1230.0 6	913.0 6
1972	2760.0 10	2680.0 10	2540.0 10	2400.0 9	2040.0 10	1460.0 11	1150.0 11	958.0 11	735.0 11
1973	3410.0 3	3300.0 4	3090.0 5	2670.0 6	2480.0 5	2060.0 5	1570.0 5	1270.0 5	936.0 5
1974	3100.0 7	3070.0 7	2930.0 7	2730.0 4	2480.0 6	1980.0 6	1500.0 6	1220.0 7	910.0 7
1975	4270.0 1	3730.0 1	3130.0 3	2950.0 3	2630.0 3	2100.0 4	1610.0 4	1310.0 4	959.0 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
WHITE RIVER ABOVE COAL CREEK, NEAR MEEKER, CO.

YEAR	1	3	7	14	30	60	90	120	183
1963	200.00 9	203.00 9	230.00 10	261.00 11	270.00 11	283.00 10	284.00 8	292.00 8	317.00 9
1964	127.00 5	127.00 5	130.00 5	135.00 5	164.00 4	203.00 4	227.00 3	222.00 3	233.00 3
1965	170.00 6	173.00 6	180.00 6	199.00 6	238.00 6	264.00 6	278.00 6	284.00 6	288.00 4
1966	240.00 13	242.00 13	252.00 12	265.00 13	271.00 12	281.00 8	292.00 10	308.00 12	356.00 13
1967	66.00 1	68.00 1	72.00 1	80.00 1	100.00 1	113.00 1	123.00 1	151.00 1	188.00 1
1968	85.00 2	88.00 2	101.00 2	115.00 3	135.00 2	181.00 2	204.00 2	218.00 2	226.00 2
1969	203.00 10	211.00 10	220.00 9	230.00 8	262.00 9	267.00 7	273.00 5	278.00 4	290.00 5
1970	195.00 8	196.00 8	212.00 8	245.00 9	265.00 10	284.00 11	286.00 9	288.00 7	319.00 10
1971	210.00 11	230.00 11	257.00 13	262.00 12	271.00 13	283.00 9	293.00 11	303.00 10	333.00 11
1972	175.00 7	178.00 7	188.00 7	209.00 7	246.00 7	300.00 13	318.00 13	323.00 13	333.00 12
1973	97.00 3	99.00 3	103.00 3	108.00 2	147.00 3	185.00 3	229.00 4	281.00 5	309.00 8
1974	240.00 12	241.00 12	250.00 11	257.00 10	262.00 8	289.00 12	301.00 12	307.00 11	307.00 7
1975	109.00 4	111.00 4	114.00 4	121.00 4	167.00 5	241.00 5	284.00 7	298.00 9	302.00 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)											
364	330	300	281	284	296	495	1557	1750	531	285	289
6672	2212	1424	765	574	1070	38290	173400	512000	95920	8558	6661
81.7	47.0	37.7	27.7	24.0	32.7	196	416	716	310	92.5	81.6
-0.37	-0.68	-0.46	-0.67	0.06	0.99	1.77	0.53	-0.83	0.84	-0.13	0.37
0.22	0.14	0.13	0.10	0.08	0.11	0.40	0.27	0.41	0.58	0.32	0.28
5.38	4.88	4.42	4.15	4.19	4.38	7.30	23.1	25.8	7.85	4.21	4.26

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)											
2.55	2.51	2.47	2.45	2.45	2.47	2.67	3.18	3.19	2.65	2.43	2.44
0.01	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.07	0.08	0.03	0.02
0.11	0.07	0.06	0.04	0.04	0.05	0.15	0.11	0.26	0.29	0.16	0.13
-0.83	-0.92	-0.69	-0.85	-0.14	0.72	1.06	0.27	-1.60	-0.69	-0.84	-0.51
0.04	0.03	0.02	0.02	0.02	0.02	0.06	0.04	0.08	0.11	0.07	0.05
8.11	7.99	7.86	7.78	7.79	7.85	8.48	10.1	10.1	8.41	7.72	7.77

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
565	11620	108	-0.20	0.19	-0.158

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.74	0.01	0.09	-0.52	0.03	-0.117

09304300 COAL CREEK NEAR MEEKER, COLO.

LOCATION.--Lat 40°05'29", long 107°46'10", in NW¼NE¼ sec.1, T.1 N., R.93 W., Rio Blanco County, on right bank 200 ft (61 m) downstream from unnamed tributary, 300 ft (91 m) upstream from headgate of ditch, 1.3 mi (2.1 km) downstream from Ninemile Draw, and 8 mi (13 km) northeast of Meeker.

DRAINAGE AREA.--25 mi² (64.7 km²), approximately.

REMARKS.--Slight regulation by two small storage reservoirs above station. Diversions for irrigation of a few acres of hay meadows above station.

09304300 COAL CREEK NEAR MEEKER, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENOING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
COAL CREEK NEAR MEEKER, 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																																		
1958								7	21	12	11	59	108	18	35	14	5	4	3	4	3	3	7	6	11	4	2	1	3	1	2	9	10	2	
1959	2	1	6	7	10	27	9	17	5	26	92	56	15	5	11	15	2	7	10	6	6	7	12	7	4										
1960	4		6	4	4	45	9	114	22	25	26	7	4	1	3	7	2	5	2	5	15	10	10	12	5	9	7	3							
1961	1		10	6	9	49	7	71	15	52	42	15	10	7	8	7	7	1	5	3	4	5	4	10	10	6	1								
1962					8	5	15	40	23	74	52	27	22	6	5	3	2	6	2	2	7	4	4	14	8	5	6	6	8	4	7				
1963			2	1	8	20	12	97	47	32	9	6	57	11	13	15	7	4	3	4	7	8	2												
1964					1	19	16	95	42	49	31	18	2	6	6	21	15	2	3	2	2	7	6	4	5	5	3	6							
1965					3	3	1	44	15	65	47	21	45	12	15	4	11	3	2	3	3	5	16	11	5	9	7	7	3	2	1	2			
1966			2	1	10	16	16	22	44	64	48	18	29	16	4	5	2	6	9	10	12	8	11	8	2	2									
1967			2	4	3	15	12	78	39	92	27	7	8	9	5	7	7	4	6	7	8	8	5	4	2	1	1	1	1	2					
1968		2		3	2	10	6	60	46	42	72	17	12	5	7	11	6	5	3	2	4	4	6	1	13	7	2	3	6	3	5	1			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4018	100.0	12	2.4	276	1682	41.9	24	17	67	322	8.0
1	0.40	7	4018	100.0	13	2.8	317	1406	35.0	25	20	71	255	6.3
2	0.50	3	4011	99.8	14	3.3	112	1089	27.1	26	23	51	184	4.5
3	0.60	28	4008	99.8	15	3.9	113	977	24.3	27	27	28	133	3.3
4	0.70	26	3980	99.1	16	4.5	111	864	21.5	28	32	27	105	2.6
5	0.80	50	3954	98.4	17	5.3	67	753	18.7	29	37	19	78	1.9
6	0.90	212	3904	97.2	18	6.3	43	686	17.1	30	44	16	59	1.4
7	1.10	93	3692	91.9	19	7.4	52	643	16.0	31	52	12	43	1.0
8	1.20	620	3599	89.6	20	8.7	48	591	14.7	32	61	19	31	.7
9	1.50	336	2979	74.1	21	10.0	66	543	13.5	33	71	10	12	.2
10	1.70	482	2643	65.8	22	12.0	72	477	11.9	34	84	2	2	
11	2.00	479	2161	53.8	23	14.0	83	405	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
COAL CREEK NEAR MEEKER, CO.

YEAR	1	3	7	15	30	60	90	120	183
1958	91.0 1	84.0 1	78.0 1	75.0 1	63.0 1	41.0 1	30.0 1	23.0 1	16.0 1
1959	22.0 10	21.0 10	20.0 10	18.0 10	16.0 9	12.0 10	9.6 10	7.7 10	5.8 10
1960	32.0 7	31.0 7	30.0 7	28.0 5	24.0 5	19.0 5	16.0 5	12.0 5	8.7 5
1961	28.0 8	24.0 8	23.0 8	22.0 8	20.0 7	14.0 7	11.0 7	8.3 8	5.9 8
1962	65.0 3	64.0 2	61.0 2	50.0 2	49.0 2	36.0 2	27.0 2	21.0 2	15.0 2
1963	14.0 11	14.0 11	12.0 11	12.0 11	10.0 11	7.1 11	6.0 11	5.3 11	4.1 11
1964	36.0 6	35.0 6	33.0 6	28.0 6	23.0 6	15.0 6	12.0 6	9.5 6	6.9 6
1965	66.0 2	61.0 3	51.0 4	41.0 4	33.0 4	26.0 3	20.0 3	16.0 3	12.0 3
1966	25.0 9	23.0 9	21.0 9	18.0 9	16.0 10	13.0 8	10.0 8	8.4 7	6.2 7
1967	50.0 5	44.0 5	34.0 5	25.0 7	18.0 8	13.0 9	9.9 9	7.9 9	5.8 9
1968	61.0 4	58.0 4	55.0 3	47.0 3	37.0 3	26.0 4	19.0 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
COAL CREEK NEAR MEEKER, CO.

YEAR	1	3	7	14	30	60	90	120	183
1959	1.19 9	1.30 9	1.40 9	1.50 9	1.60 10	1.70 10	2.00 10	2.10 10	2.20 10
1960	0.40 1	0.40 1	0.51 1	0.63 1	0.80 1	0.90 1	0.99 1	1.10 1	1.10 1
1961	0.60 4	0.60 3	0.64 3	0.84 3	1.00 4	1.10 2	1.19 3	1.40 5	1.60 5
1962	0.40 2	0.57 2	0.60 2	0.69 2	0.85 2	1.10 3	1.30 6	1.70 8	2.00 8
1963	0.90 8	1.00 8	1.00 8	1.10 8	1.19 7	1.40 7	1.50 7	1.50 6	1.60 6
1964	0.60 5	0.63 5	0.74 4	0.91 4	1.10 5	1.10 4	1.19 4	1.30 4	1.19 2
1965	0.80 7	0.80 7	0.84 7	0.93 7	1.19 8	1.40 8	1.50 8	1.60 7	1.60 7
1966	1.30 10	1.50 10	1.60 10	1.60 10	1.60 9	1.70 9	1.90 9	1.90 9	2.10 9
1967	0.60 6	0.63 6	0.81 6	0.91 5	0.97 3	1.10 5	1.10 2	1.19 2	1.30 3
1968	0.52 3	0.61 4	0.75 5	0.93 6	1.10 6	1.19 6	1.30 5	1.30 3	1.40 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,SKWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.88	1.95	1.81	1.70	1.94	2.74	8.81	24.4	11.9	2.31	1.69	1.48
0.45	0.53	0.37	0.20	0.42	0.81	56.6	218	33.9	1.52	0.24	0.22
0.67	0.73	0.61	0.45	0.65	0.90	7.53	14.8	5.82	1.23	0.49	0.47
1.04	0.47	1.37	1.57	0.30	-0.13	2.44	1.77	0.09	1.11	0.70	0.41
0.36	0.37	0.34	0.26	0.33	0.33	0.85	0.61	0.49	0.53	0.29	0.32
2.99	3.12	2.89	2.71	3.09	4.38	14.1	38.9	19.1	3.69	2.70	2.36

09304500 WHITE RIVER NEAR MEEKER, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WHITE RIVER NEAR MEEKER, 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																																							
1947					1	3	9	33	74	31	53	23	16	16	12	9	4	7	2	2	2	4	10	9	10	16	10	4	5											
1948								4	26	59	70	91	22	8	7	3	7	7	8	9	4	5	5	3	3	3	5	7	4	6										
1949								3	28	64	77	64	14	10	9	10	4	3	2	5	6	8	12	11	5	8	7	2	2	8	1									
1950									3	95	84	67	22	12	11	10	6	6	3	3	1	10	3	6	4	2	5	5	5	2										
1951						1	5	36	89	78	37	6	24	13	6	4	2	5	5	2	11	7	5	7	6	8	7	1												
1952						2	13	97	35	40	14	20	23	28	8	7	2	7	6	4	6	4	7	4	12	8	4	1	4	5	5									
1953								23	36	61	59	85	16	18	13	9	5	1	2	2	5	2	1	2	6	9	4	2	3											
1954						2	18	32	40	100	71	34	8	4	5	6	9	10	6	2	3	8	3	2	1	1														
1955						28	37	74	93	44	15	8	1	3	4	5	3	4	4	7	7	9	8	3	7	1														
1956						17	22	45	131	44	18	8	10	5	3	5	6	8	3	3	6	4	5	2	1	8	11	1												
1957						2	30	138	24	2	6	8	25	13	16	9	4	9	7	11	3	5	3	4	4	7	6	2	13	10	4									
1958								30	75	62	43	47	21	12	13	6	3	2	3	3	3	5	5	4	4	3	2	7	12											
1959						5	2	5	51	80	89	37	17	7	4	6	7	12	8	3	8	6	7	1	4	3	3													
1960						5	30	46	83	39	23	32	16	19	12	7	5	2	5		10	13	9	2	5	3														
1961						1	5	12	41	44	85	77	26	6	4	11	6	4	8	3	2	1	8	10	7	4														
1962						1	2	19	49	67	38	43	31	10	10	6	4	5	1	2	2	6	8	16	14	15	9	7	3	2	1									
1963						11	14	17	18	80	59	41	36	28	10	7	2	5	4	3	4	6	6	3	1															
1964						1	10	77	69	69	27	15	22	15	6	3	2	2	1	3	5	3	2	3	7	9	8	7												
1965						1	10	38	66	80	11	20	15	15	18	12	8	8	5	2	8	7	7	4	6	6	8	6	2	2										
1966						2	4	19	19	20	22	10	18	55	37	51	27	20	15	5	5	3	8	8	3	7	4	3												
1967						3	5	14	9	43	113	69	23	15	5	9	4	3	4	2	2	2	8	8	5	2	4	8	3											
1968						11	87	77	49	24	26	12	8	4	2	5	12	4	3	1	6	3	3	2	3	5	13	4	2											
1969						3	47	97	86	31	9	3	3	3	7	2	6	8	9	10	8	4	6	15	7	4														
1970						1	5	19	100	68	42	28	13	10	8	1	4	7	4	2	4	2	4	2	4	6	5	11	12	4	3	2								
1971								22	61	44	61	48	31	4	3	12	7	5	7	5	13	6	6	6	9	5	10													
1972						1	2	4	13	16	13	27	75	93	30	16	7	11	5	7	7	3	2	4	6	4	4	5	8	3										
1973								8	79	74	74	20	16	7	10	12	6	3	1	2	1	4	10	10	8	3	6	3	7	1										
1974						3	10	6	3	16	73	60	91	19	9	5	2	2	3	2	4	3	7	6	7	7	5	10	10	2										
1975						1	18	75	88	43	32	16	9	11	2	3	4	4	2	3	6	7	4	8	11	9	3	3	3											

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	25202	100.0	12	420.0	1657	9400	37.3	24	1800	362	1889	7.4
1	112.00	10	25202	100.0	13	470.0	1223	7743	30.7	25	2000	333	1527	6.0
2	130.00	7	25192	100.0	14	530.0	749	6520	25.9	26	2200	408	1194	4.7
3	140.00	41	25185	99.9	15	600.0	648	5771	22.9	27	2500	371	786	3.1
4	160.00	49	25144	99.8	16	680.0	449	5123	20.3	28	2900	158	415	1.6
5	180.00	101	25095	99.6	17	760.0	457	4674	18.5	29	3200	116	257	1.0
6	200.00	255	24994	99.2	18	860.0	379	4217	16.7	30	3600	97	141	.5
7	230.00	973	24739	98.2	19	970.0	358	3838	15.2	31	4100	26	44	.1
8	260.00	2000	23766	94.3	20	1100.0	239	3480	13.8	32	4600	12	18	
9	290.00	4491	21766	86.4	21	1200.0	492	3241	12.9	33	5200	5	6	
10	330.00	4514	17275	68.5	22	1400.0	424	2749	10.9	34	5900	1	1	
11	370.00	3361	12761	50.6	23	1600.0	436	2325	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
WHITE RIVER NEAR MEEKER, CO.

YEAR	1	3	7	15	30	60	90	120	183
1903	2400.0 53	2350.0 53	2320.0 49	2170.0 49	1990.0 44	1620.0 46	1310.0 45	1090.0 43	862.0 41
1904	2510.0 50	2430.0 49	2290.0 50	2180.0 48	1980.0 45	1710.0 40	1420.0 35	1170.0 36	910.0 36
1905	3370.0 23	3240.0 23	3200.0 19	2980.0 17	2700.0 15	1980.0 21	1520.0 26	1250.0 29	954.0 29
1906	3710.0 16	3570.0 16	3420.0 12	2980.0 18	2630.0 9	2360.0 9	1870.0 10	1540.0 11	1130.0 11
1911	3030.0 32	2780.0 38	2510.0 41	2250.0 46	1950.0 48	1670.0 42	1340.0 41	1110.0 41	854.0 43
1912	4650.0 5	4410.0 5	4150.0 4	3850.0 4	3410.0 5	2650.0 6	2030.0 7	1630.0 7	1220.0 8
1913	2080.0 59	1960.0 59	1810.0 62	1610.0 62	1380.0 64	1150.0 62	982.0 62	865.0 60	695.0 57
1914	3100.0 29	2890.0 31	2790.0 29	2700.0 26	2490.0 24	2090.0 19	1640.0 20	1360.0 19	1020.0 18
1915	1660.0 68	1560.0 68	1370.0 68	1350.0 67	1210.0 66	1050.0 65	931.0 63	784.0 63	620.0 63
1916	2680.0 44	2600.0 47	2470.0 46	2320.0 41	2090.0 39	1800.0 35	1500.0 29	1270.0 25	984.0 23
1917	4660.0 4	4440.0 4	4110.0 5	3790.0 5	3430.0 4	2630.0 7	2070.0 6	1700.0 5	1270.0 5
1918	3650.0 17	3620.0 13	3450.0 11	3010.0 14	2330.0 28	1910.0 26	1510.0 27	1240.0 30	950.0 30
1919	1930.0 65	1910.0 62	1830.0 60	1710.0 59	1520.0 60	1270.0 59	1040.0 60	869.0 59	683.0 59
1920	3990.0 10	3930.0 10	3760.0 8	3490.0 9	3240.0 7	2700.0 5	2100.0 5	1700.0 6	1250.0 6
1921	6070.0 1	5900.0 1	5530.0 1	4740.0 1	4150.0 1	3380.0 1	2600.0 1	2120.0 1	1560.0 1
1922	2720.0 42	2700.0 41	2640.0 37	2430.0 35	2370.0 26	1880.0 29	1470.0 34	1220.0 32	938.0 31
1923	2650.0 45	2610.0 44	2480.0 44	2380.0 36	2260.0 32	1870.0 30	1500.0 30	1270.0 26	971.0 25
1924	3320.0 25	3190.0 25	2810.0 28	2280.0 43	1940.0 50	1630.0 45	1250.0 48	1040.0 48	795.0 47
1925	2280.0 55	2180.0 55	1950.0 57	1770.0 57	1660.0 55	1580.0 48	1350.0 40	1150.0 39	911.0 35
1926	2860.0 37	2800.0 35	2750.0 32	2600.0 30	2320.0 29	1890.0 27	1600.0 21	1330.0 21	1010.0 20
1927	2600.0 48	2600.0 45	2490.0 43	2290.0 42	1980.0 46	1850.0 32	1530.0 24	1280.0 24	995.0 22
1928	3380.0 21	3290.0 22	3060.0 25	2780.0 22	2660.0 18	2320.0 11	1870.0 11	1570.0 10	1230.0 7
1929	4190.0 7	3980.0 8	3740.0 9	3580.0 7	3340.0 6	2800.0 3	2260.0 3	1930.0 3	150

09304500 WHITE RIVER NEAR MEEKER, 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
WHITE RIVER NEAR MEEKER, CO.

Table with columns for Year and discharge values for 1, 3, 7, 15, 30, 60, 90, 120, and 183 consecutive days. Rows include years from 1931 to 1975.

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

Table with columns for Year and discharge values for 1, 3, 7, 14, 30, 60, 90, 120, and 183 consecutive days. Rows include years from 1903 to 1935.

09304500 WHITE RIVER NEAR MEEKER, 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
WHITE RIVER NEAR MEEKER, CO.

YEAR	1	3	7	14	30	60	90	120	183
1936	193.00 12	205.00 13	214.00 13	237.00 14	258.00 19	275.00 20	276.00 14	277.00 9	283.00 7
1937	220.00 26	232.00 24	250.00 29	253.00 22	260.00 20	263.00 14	266.00 9	268.00 6	279.00 6
1938	208.00 18	210.00 15	211.00 11	219.00 10	240.00 13	249.00 6	258.00 5	265.00 5	272.00 5
1939	200.00 15	220.00 18	240.00 22	246.00 19	251.00 16	265.00 16	284.00 19	291.00 19	317.00 23
1940	216.00 22	236.00 27	245.00 27	262.00 29	275.00 25	278.00 22	282.00 18	286.00 17	302.00 16
1941	202.00 16	203.00 11	209.00 9	220.00 11	236.00 10	258.00 10	274.00 12	282.00 12	298.00 14
1942	260.00 44	267.00 41	276.00 42	287.00 42	297.00 42	305.00 40	308.00 37	312.00 33	349.00 42
1943	210.00 19	230.00 23	239.00 19	244.00 18	252.00 17	259.00 12	265.00 8	276.00 7	295.00 12
1944	228.00 28	234.00 25	244.00 24	248.00 20	253.00 18	274.00 19	276.00 15	282.00 13	287.00 8
1945	231.00 31	240.00 28	244.00 25	253.00 21	261.00 21	270.00 17	277.00 16	282.00 14	287.00 9
1946	230.00 29	234.00 26	243.00 23	263.00 30	270.00 22	276.00 21	280.00 17	292.00 20	319.00 25
1947	188.00 10	212.00 17	253.00 31	268.00 32	278.00 29	286.00 25	290.00 22	295.00 21	310.00 19
1948	250.00 37	254.00 36	259.00 32	266.00 31	276.00 26	290.00 30	307.00 36	325.00 40	351.00 44
1949	235.00 32	254.00 37	268.00 34	278.00 35	282.00 32	291.00 31	302.00 32	312.00 34	325.00 29
1950	274.00 48	278.00 49	294.00 50	307.00 52	320.00 52	323.00 51	325.00 46	329.00 43	351.00 45
1951	220.00 23	240.00 29	270.00 36	278.00 36	282.00 33	289.00 27	296.00 26	304.00 26	321.00 27
1952	230.00 30	247.00 34	270.00 37	289.00 43	298.00 43	300.00 36	300.00 30	304.00 27	328.00 32
1953	290.00 55	303.00 58	311.00 57	317.00 56	322.00 54	335.00 58	353.00 63	370.00 65	394.00 64
1954	250.00 38	267.00 42	281.00 46	286.00 41	289.00 35	305.00 41	314.00 38	316.00 36	325.00 30
1955	194.00 13	199.00 10	210.00 10	220.00 12	237.00 11	242.00 5	261.00 6	282.00 15	296.00 13
1956	200.00 14	205.00 12	212.00 12	214.00 8	218.00 4	250.00 7	262.00 7	276.00 8	291.00 10
1957	210.00 20	211.00 16	215.00 14	218.00 9	231.00 8	256.00 8	275.00 13	286.00 16	292.00 11
1958	290.00 56	297.00 54	311.00 58	321.00 57	337.00 60	338.00 59	345.00 58	362.00 62	413.00 66
1959	283.00 52	298.00 55	310.00 56	314.00 55	327.00 56	332.00 54	338.00 53	346.00 55	366.00 54
1960	220.00 24	222.00 19	230.00 16	261.00 27	277.00 28	287.00 26	292.00 23	300.00 23	329.00 33
1961	190.00 11	207.00 14	231.00 17	232.00 13	244.00 14	258.00 11	268.00 10	281.00 11	302.00 15
1962	170.00 6	181.00 7	193.00 8	204.00 7	236.00 9	271.00 18	306.00 34	327.00 41	363.00 53
1963	220.00 25	227.00 21	247.00 28	269.00 33	294.00 39	313.00 45	315.00 41	324.00 38	360.00 48
1964	180.00 8	181.00 8	184.00 6	193.00 5	225.00 6	237.00 4	247.00 3	254.00 4	264.00 4
1965	210.00 21	228.00 22	235.00 18	256.00 23	274.00 23	283.00 24	293.00 24	301.00 24	315.00 21
1966	260.00 45	267.00 43	280.00 44	296.00 48	310.00 48	313.00 46	322.00 44	335.00 46	379.00 60
1967	124.00 3	127.00 2	132.00 2	145.00 2	166.00 2	181.00 2	183.00 2	207.00 2	230.00 2
1968	151.00 4	154.00 3	165.00 3	176.00 3	195.00 3	232.00 3	248.00 4	250.00 3	251.00 3
1969	235.00 33	241.00 32	245.00 26	258.00 25	280.00 30	290.00 28	302.00 31	310.00 32	318.00 24
1970	222.00 27	242.00 33	269.00 35	274.00 34	295.00 40	301.00 37	305.00 33	308.00 29	339.00 35
1971	262.00 46	268.00 44	281.00 47	289.00 44	302.00 46	311.00 43	321.00 43	337.00 47	362.00 51
1972	256.00 41	264.00 40	271.00 38	289.00 45	322.00 55	342.00 62	354.00 64	363.00 63	375.00 58
1973	153.00 5	162.00 5	179.00 4	199.00 6	222.00 5	263.00 13	298.00 27	330.00 44	342.00 38
1974	250.00 39	260.00 38	271.00 39	285.00 39	295.00 41	316.00 48	320.00 42	328.00 42	345.00 39
1975	173.00 7	174.00 6	181.00 5	186.00 4	231.00 7	296.00 32	329.00 49	343.00 51	346.00 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,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
390	365	332	313	309	339	542	1558	1922	677	392	370
4562	3784	2210	1293	1286	1998	22870	175900	557100	146300	13860	9608
67.5	61.5	47.0	36.0	35.9	44.7	151	419	746	383	118	98.0
0.36	1.72	0.30	0.11	0.24	0.44	1.13	0.35	0.25	2.23	0.82	1.30
0.17	0.17	0.14	0.11	0.12	0.13	0.28	0.27	0.39	0.56	0.30	0.26
5.19	4.86	4.43	4.17	4.12	4.52	7.22	20.7	25.6	9.02	5.22	4.93

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,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.58	2.56	2.52	2.49	2.49	2.53	2.72	3.18	3.24	2.77	2.57	2.55
0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.05	0.05	0.02	0.01
0.08	0.07	0.06	0.05	0.05	0.06	0.11	0.12	0.21	0.22	0.13	0.11
-0.08	0.87	-0.07	-0.21	-0.07	0.11	0.30	-0.22	-1.52	-0.02	0.00	0.38
0.03	0.03	0.02	0.02	0.02	0.02	0.04	0.04	0.07	0.08	0.05	0.04
8.03	7.94	7.82	7.74	7.72	7.84	8.44	9.86	10.1	8.62	7.99	7.93

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
626	16920	130	0.51	0.21	0.158

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
2.79	0.01	0.09	-0.15	0.03	0.141

GREEN RIVER BASIN

09304800 WHITE RIVER BELOW MEEKER, COLO.

LOCATION.--Lat 40°00'48", long 108°05'33", in center of sec.31, T.1 N., R.95 W., Rio Blanco County, on left bank 30 ft (9 m) downstream from county bridge, 4.5 mi (7.2 km) downstream from Strawberry Creek, and 10 mi (16 km) west of Meeker.

DRAINAGE AREA.--1,040 mi² (2,690 km²), approximately.

REMARKS.--Diversion above station for irrigation of about 22,000 acres (89.0 km²) above station and a few small hay meadows below.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN

WHITE RIVER BELOW MEEKER, CO.

Table with columns for CLASS YEAR (1962-1975) and 31 days (0-30). Rows show the number of days in each class for each year.

Table with columns for CLASS, VALUE, TOTAL, ACCUM, PERCT. Rows show cumulative discharge data for each class from 0 to 11.

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

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN

WHITE RIVER BELOW MEEKER, CO.

Table with columns for YEAR, 1, 3, 7, 15, 30, 60, 90, 120, 183. Rows show highest mean discharge values and rankings for various durations from 1962 to 1975.

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

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN

WHITE RIVER BELOW MEEKER, CO.

Table with columns for YEAR, 1, 3, 7, 14, 30, 60, 90, 120, 183. Rows show lowest mean discharge values and rankings for various durations from 1963 to 1975.

09304800 WHITE RIVER BELOW MEEKER, COLO.--Continued

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY RDWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
436	397	358	328	335	374	553	1538	1826	665	408	398
6354	2811	3028	1432	1264	2128	39300	149400	488500	104100	7240	7722
79.7	53.0	55.0	37.8	35.6	46.1	198	386	699	323	85.1	87.9
-0.28	-0.63	0.22	-0.67	1.05	0.42	2.02	0.47	-0.79	1.06	-0.44	0.52
0.18	0.13	0.15	0.12	0.11	0.12	0.36	0.25	0.38	0.49	0.21	0.22
5.73	5.21	4.70	4.30	4.40	4.91	7.26	20.2	24.0	8.73	5.24	5.23

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY RDWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.63	2.59	2.55	2.51	2.52	2.57	2.72	3.17	3.22	2.77	2.60	2.59
0.01	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.06	0.05	0.01	0.01
0.08	0.06	0.07	0.05	0.04	0.05	0.13	0.11	0.23	0.22	0.10	0.10
-0.79	-0.84	-0.25	-0.82	0.66	0.22	1.37	0.31	-1.60	-0.40	-0.99	-0.08
0.03	0.02	0.03	0.02	0.02	0.02	0.05	0.03	0.07	0.08	0.04	0.04
8.11	7.99	7.85	7.74	7.77	7.92	8.39	9.78	9.91	8.55	8.01	7.98

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
635	11440	107	-0.36	0.17	-0.085

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.80	0.01	0.08	-0.59	0.03	-0.050

09305500 PICEANCE CREEK AT RIO BLANCO, COLO.

LOCATION.--Lat 39°43'57", long 107°56'17", in SE¼NE¼ sec.4, T.4 S., R.94 W., Rio Blanco County, on right bank 20 ft (6 m) downstream from road bridge, 0.3 mi (0.5 km) upstream from State Highway 13, and 0.5 mi (0.8 km) southeast of Rio Blanco.

DRAINAGE AREA.--9.04 mi² (23.41 km²).

REMARKS.--Small diversions above station for irrigation of hay meadows above and below station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PICEANCE CREEK AT RIO BLANCO, 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																																					
1953			6	18	47	44	13	11	55	39	28	18	11	13	8	5	3	7	2	7	12	7	4	1	2	4											
1954	21	56	20	9	35	15	32	29	48	21	32	12	3	1	1			8	16	6																	
1955	66	23	18	33	75	34	30	11	12	10	8	5	4	2	10	6	6	11	1																		
1956	82	43	22	21	76	30	22	3	9	5	2	2	5	6	8	2	3	4	4	5	5	5	2														
1957	17	24	33	53	38	9	11	7	3	13	13	36	22	4	1	2	6	16	5	6	7	11	8	12	2	4	2										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1826	100.0	12	1.5	50	404	22.1	24	9	9	35	1.9
1	0.10	169	1826	100.0	13	1.7	59	354	19.4	25	11	14	26	1.4
2	0.20	139	1657	90.7	14	2.0	44	295	16.2	26	13	6	12	.6
3	0.30	90	1518	83.1	15	2.3	31	251	13.7	27	15	4	6	.3
4	0.40	114	1428	78.2	16	2.7	14	220	12.0	28	18	2	2	.1
5	0.50	286	1314	72.0	17	3.2	14	206	11.3	29				
6	0.60	161	1028	56.3	18	3.7	36	192	10.5	30				
7	0.70	106	867	47.5	19	4.4	39	156	8.5	31				
8	0.80	65	761	41.7	20	5.1	23	117	6.4	32				
9	0.90	131	696	38.1	21	6.0	23	94	5.1	33				
10	1.10	78	565	30.9	22	7.0	19	71	3.9	34				
11	1.20	83	487	26.7	23	8.2	17	52	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
PICEANCE CREEK AT RIO BLANCO, CO.

YEAR	1	3	7	15	30	60	90	120	183
1953	14.0	13.0	12.0	9.8	7.9	6.0	4.6	3.8	2.9
1954	5.7	5.3	5.2	5.0	4.6	3.0	2.4	2.0	1.6
1955	4.6	4.3	3.9	3.7	3.4	2.5	1.9	1.6	1.2
1956	9.0	8.4	7.5	6.5	5.4	3.6	2.6	2.1	1.6
1957	19.0	18.0	16.0	13.0	12.0	9.4	7.7	6.1	4.6

09306200 PICEANCE CREEK BELOW RYAN GULCH, NEAR RIO BLANCO, COLO.--Continued

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

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
PICEANCE CREEK BL RYAN GULCH, NR RIO BLANCO, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4017	100.0	12	2.3	49	3933	97.9	24	26	331	949	23.6
1	0.20	2	4017	100.0	13	2.9	80	3884	96.7	25	32	362	618	15.3
2	0.30	0	4015	100.0	14	3.5	113	3804	94.7	26	39	126	256	6.3
3	0.40	1	4015	100.0	15	4.3	140	3691	91.9	27	48	60	130	3.2
4	0.50	1	4014	99.9	16	5.2	194	3551	88.4	28	59	28	70	1.7
5	0.60	0	4013	99.9	17	6.4	176	3357	83.6	29	72	23	42	1.0
6	0.70	5	4013	99.9	18	7.8	311	3181	79.2	30	88	11	19	.4
7	0.90	1	4008	99.8	19	9.6	260	2870	71.4	31	110	2	8	.1
8	1.00	9	4007	99.8	20	12.0	261	2610	65.0	32	130	4	6	.1
9	1.30	14	3998	99.5	21	14.0	551	2349	58.5	33	160	2	2	.1
10	1.60	22	3984	99.2	22	18.0	377	1798	44.8	34				
11	1.90	29	3962	98.6	23	21.0	472	1421	35.4					

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

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
PICEANCE CREEK BL RYAN GULCH, NR RIO BLANCO, CO.

YEAR	1	3	7	15	30	60	90	120	183
1965	81.0 5	58.0 5	43.0 7	37.0 8	37.0 7	31.0 6	26.0 6	24.0 7	20.0 8
1966	200.0 1	163.0 1	127.0 1	88.0 1	54.0 3	34.0 5	27.0 5	25.0 5	21.0 7
1967	31.0 11	24.0 11	23.0 11	19.0 11	17.0 11	15.0 11	14.0 11	14.0 11	12.0 11
1968	68.0 6	43.0 9	42.0 8	38.0 7	34.0 8	28.0 8	22.0 9	20.0 9	17.0 9
1969	49.0 10	43.0 10	40.0 10	35.0 9	30.0 9	28.0 9	25.0 7	23.0 8	22.0 6
1970	90.0 4	85.0 4	77.0 4	71.0 3	57.0 2	40.0 2	34.0 4	32.0 4	28.0 4
1971	153.0 2	99.0 2	89.0 2	59.0 4	41.0 5	29.0 7	25.0 8	24.0 6	23.0 5
1972	68.0 7	54.0 7	41.0 9	35.0 10	27.0 10	21.0 10	18.0 10	18.0 10	17.0 10
1973	96.0 3	92.0 3	88.0 3	87.0 2	80.0 1	60.0 1	52.0 1	52.0 1	44.0 1
1974	57.0 8	55.0 6	49.0 5	47.0 5	42.0 4	39.0 3	37.0 2	36.0 2	35.0 2
1975	56.0 9	53.0 8	47.0 6	40.0 6	39.0 6	34.0 4	34.0 3	33.0 3	32.0 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
PICEANCE CREEK BL RYAN GULCH, NR RIO BLANCO, CO.

YEAR	1	3	7	14	30	60	90	120	183
1966	1.50 4	1.60 4	1.70 4	1.90 3	2.90 2	9.20 6	12.00 6	14.00 6	16.00 5
1967	0.80 2	0.83 2	0.96 1	1.19 1	3.90 4	5.00 3	5.70 3	6.10 3	6.10 3
1968	1.00 3	1.00 3	1.19 3	1.50 2	1.90 1	3.20 1	3.10 1	3.40 1	4.90 1
1969	3.40 7	4.20 7	4.70 7	4.90 7	5.00 5	11.00 7	12.00 7	12.00 5	16.00 6
1970	6.00 9	7.00 9	7.50 9	8.70 9	12.00 9	13.00 8	16.00 8	18.00 8	19.00 8
1971	4.80 8	4.90 8	5.40 8	7.90 8	11.00 8	14.00 9	18.00 9	18.00 9	19.00 9
1972	1.90 5	2.30 5	3.90 6	4.30 5	7.10 7	8.00 5	8.30 4	8.70 4	9.50 4
1973	0.21 1	0.33 1	1.10 2	2.50 4	3.30 3	3.70 2	4.90 2	5.30 2	5.30 2
1974	9.40 10	10.00 10	13.00 10	14.00 10	16.00 10	31.00 10	32.00 10	33.00 10	35.00 10
1975	3.00 6	3.20 6	3.70 5	4.70 6	6.60 6	6.90 4	12.00 5	16.00 7	17.00 7

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
14.5	19.1	18.4	16.9	19.6	25.9	17.2	21.8	15.7	14.9	24.2	16.4
90.7	89.1	60.9	54.3	40.2	183	185	447	164	93.3	200	119
9.52	9.44	7.80	7.37	6.34	13.5	13.6	21.1	12.8	9.66	14.1	10.9
0.85	0.83	0.91	1.11	1.01	0.79	0.52	1.64	1.73	1.21	0.02	1.10
0.66	0.49	0.42	0.44	0.32	0.52	0.79	0.97	0.81	0.65	0.59	0.67
6.44	8.50	8.21	7.53	8.72	11.5	7.65	9.71	6.99	6.66	10.8	7.30

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.06	1.23	1.23	1.20	1.27	1.36	1.08	1.16	1.09	1.09	1.29	1.12
0.11	0.05	0.03	0.03	0.02	0.05	0.17	0.18	0.10	0.08	0.11	0.09
0.34	0.22	0.18	0.17	0.13	0.23	0.41	0.42	0.32	0.28	0.33	0.31
-0.55	0.03	0.08	0.67	0.73	0.11	-0.14	0.07	0.33	-0.08	-0.63	-0.19
0.32	0.17	0.15	0.14	0.10	0.17	0.38	0.36	0.29	0.26	0.26	0.27
7.46	8.70	8.69	8.43	8.98	9.58	7.61	8.18	7.66	7.71	9.08	7.91

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
18.7	55.6	7.46	0.31	0.40	0.486

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.24	0.03	0.18	-0.23	0.15	0.413

GREEN RIVER BASIN

09306222 PICEANCE CREEK AT WHITE RIVER, COLO.

LOCATION.--Lat 40°05'16", long 108°14'35", in SW¼NE¼ sec.2, T.1 N., R.97 W., Rio Blanco County, on left bank 900 ft (270 m) upstream from mouth, 1.0 mi (1.6 km) west of White River City, and 17 mi (27 km) west of Meeker. Prior to July 13, 1974, at site 1.1 mi (1.8 km) upstream.

DRAINAGE AREA.--630 mi² (1,632 km²).

REMARKS.--Diversions for irrigation of about 5,500 acres (22.3 km²) above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PICEANCE CREEK AT WHITE RIVER, 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																																				
1965			1	2	7	1	2	5	11	4			9	17	12	14	10	3	20	29	47	68	30	39	23	6	1	1	2			1				
1966		2	1	5	11	7	6	25	20	21	33	15	6	4	1	4	3	9	20	24	73	41	16	4	3	1	1					2	3	1	1	2
1971				5	5	11	21	16	14	11	13	2	4	4	4	6	12	32	23	11	37	46	63	6	8	2	2	2				1	1	3		
1972				2	5	8	17	11	32	7	13	26	36	11	15	14	6	11	8	22	25	38	39	8	4	1	2	3	1	1						
1973												2	2			14	9	20	48	23	44	28	29	16	30	40	26	17	11	6						
1974															4	15	26	6	7	17	14	16	22	74	95	33	27	8	1							
1975																			9	10	43	91	92	82	22	15		1								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2556	100.0	12	4.0	65	2147	84.0	24	38	228	470	18.3
1	0.50	2	2556	100.0	13	4.8	31	2082	81.5	25	46	100	242	9.4
2	0.60	2	2554	99.9	14	5.8	38	2051	80.2	26	55	74	142	5.5
3	0.70	14	2552	99.8	15	7.0	63	2013	78.8	27	67	32	68	2.6
4	0.90	28	2538	99.3	16	8.4	59	1950	76.3	28	81	14	36	1.4
5	1.10	27	2510	98.2	17	10.0	98	1891	74.0	29	98	8	22	.8
6	1.30	46	2483	97.1	18	12.0	135	1793	70.1	30	120	4	14	.5
7	1.50	57	2437	95.3	19	15.0	153	1658	64.9	31	140	6	10	.3
8	1.90	77	2380	93.1	20	18.0	271	1505	58.9	32	170	1	4	.1
9	2.30	43	2303	90.1	21	22.0	242	1234	48.3	33	210	1	3	.1
10	2.70	59	2260	88.4	22	26.0	299	992	38.8	34	250	2	2	
11	3.30	54	2201	86.1	23	31.0	223	693	27.1					

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PICEANCE CREEK AT WHITE RIVER, CO.

YEAR	1	3	7	15	30	60	90	120	183
1965	127.0 3	81.0 5	54.0 7	45.0 7	38.0 7	31.0 7	27.0 7	25.0 7	21.0 7
1966	300.0 1	233.0 1	196.0 1	128.0 1	78.0 2	49.0 3	40.0 4	35.0 4	29.0 4
1971	165.0 2	133.0 2	122.0 2	77.0 3	52.0 4	37.0 5	34.0 5	31.0 5	29.0 5
1972	100.0 5	88.0 4	69.0 5	56.0 5	42.0 6	34.0 6	28.0 6	28.0 6	23.0 6
1973	115.0 4	109.0 3	101.0 3	91.0 2	83.0 1	65.0 1	58.0 1	57.0 1	49.0 1
1974	86.0 6	79.0 6	73.0 4	66.0 4	58.0 3	56.0 2	50.0 2	46.0 2	43.0 2
1975	82.0 7	71.0 7	58.0 6	54.0 6	49.0 5	44.0 4	42.0 3	42.0 3	39.0 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
PICEANCE CREEK AT WHITE RIVER, CO.

YEAR	1	3	7	14	30	60	90	120	183
1966	3.40 3	3.70 3	3.80 3	4.60 3	5.30 3	11.00 4	12.00 3	17.00 3	20.00 3
1972	0.70 1	0.72 1	0.84 1	0.94 1	1.19 1	1.60 1	2.10 1	2.80 2	5.50 2
1973	0.84 2	0.86 2	0.92 2	1.00 2	1.50 2	2.10 2	2.20 2	2.50 1	3.30 1
1974	13.00 5	14.00 5	15.00 5	17.00 5	20.00 5	34.00 5	39.00 5	37.00 5	39.00 5
1975	5.80 4	6.20 4	6.90 4	8.10 4	8.80 4	10.00 3	15.00 4	20.00 4	21.00 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,SKENNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
18.9	25.9	23.4	21.8	25.5	41.5	22.7	23.0	19.4	17.5	23.6	19.2
177	148	64.6	63.8	76.3	405	351	796	430	274	387	227
13.3	12.2	8.04	7.99	8.74	20.1	18.7	28.2	20.7	16.6	19.7	15.1
0.83	0.47	0.65	0.12	0.45	0.62	1.22	1.54	0.86	0.45	0.27	0.57
0.70	0.47	0.34	0.37	0.34	0.48	0.83	1.23	1.07	0.94	0.83	0.79
6.70	9.16	8.30	7.72	9.02	14.7	8.03	8.13	6.87	6.21	8.37	6.79

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,SKENNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.13	1.37	1.35	1.31	1.38	1.57	1.22	1.01	0.98	0.94	1.16	1.11
0.21	0.05	0.02	0.03	0.02	0.05	0.15	0.40	0.38	0.41	0.27	0.23
0.46	0.22	0.15	0.17	0.15	0.22	0.39	0.63	0.61	0.64	0.52	0.48
-1.53	-0.44	0.14	-0.56	0.16	-0.22	-0.37	0.21	-0.01	-0.27	-0.35	-0.79
0.41	0.16	0.11	0.13	0.11	0.14	0.32	0.62	0.63	0.68	0.45	0.44
7.78	9.41	9.27	9.02	9.52	10.8	8.38	6.98	6.73	6.48	7.99	7.61

09306222 PICEANCE CREEK AT WHITE RIVER, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN 23.5	VARIANCE 90.0	STANDARD DEVIATION 9.49	SKEWNESS 0.29	COEFF. OF VARIATION 0.40	SERIAL CORR 0.612
--------------	------------------	----------------------------	------------------	-----------------------------	----------------------

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN 1.34	VARIANCE 0.03	STANDARD DEVIATION 0.18	SKEWNESS 0.16	COEFF. OF VARIATION 0.13	SERIAL CORR 0.515
--------------	------------------	----------------------------	------------------	-----------------------------	----------------------

09306500 WHITE RIVER NEAR WATSON, UTAH

LOCATION.--Lat 39°58'46", long 109°10'41", in SE¼SW¼NE¼ sec.2, T.10 S., R.24 E., Uintah County, on right bank 350 ft (110 m) downstream from bridge on State Highway 45, 1 mi (2 km) downstream from Evacuation Creek, and 7 mi (11 km) north of Watson.

DRAINAGE AREA.--4,020 mi² (10,410 km²), approximately.

REMARKS.--Diversions for irrigation of about 31,900 acres (129 km²) above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WHITE R NR WATSON UT

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																																							
1924													3	41	24	69	106	60	4	4	2	8	5	11	8	11	6			3	1									
1925															87	64	2	76	27	11	8	17	10	22	26	12	3													
1926														4	28	5	8	121	79	19	9	15	5	17	14	8	14	9	10											
1927														3	112	42	71	24	16	23	7	9	30	6	4	17	1													
1928															91	20	62	36	64	13	5	1	13	16	5	6	19	9	4	1	1									
1929															90	2	25	20	11	5	40	2	19	10	25	18	24	14	30	15	8	1	5	1						
1930														33	24	48	80	37	29	22	26	8	20	11	15	7	5													
1931											7	46	22	41	63	39	53	9	32	9	13	8	3	15	5															
1932														25	112	59	13	45	13	15	15	3	15	12	16	12	7	4												
1933														6	18	28	134	73	12	9	37	4	3	2	5	3	2	5	6	15	3									
1934		2	5	11	12	5	7	6	3	20	17	9	14	26	156	19	15	14	17	6	1																			
1935									1	2	12	68	102	56	30	21	8	6	4	7	7	4	7	5	8	13	2	2												
1936														9	55	140	37	24	6	13	10	6	9	6	16	8	8	15	4											
1937										31	7	6	24	81	51	42	25	12	13	17	11	7	4	12	11	9	1	1												
1938										1	5	6	32	66	28	37	42	23	14	14	13	11	5	8	5	13	13	12	15	2										
1939										11	12	15	28	35	69	49	16	26	19	12	6	9	7	33	12	1	1	1	1	2										
1940										16	10	11	20	35	119	61	19	11	4	7	5	12	1	11	13	8	3													
1941								1					4	13	53	54	57	46	38	16	8	5	7	1	6	9	10	13	14	6	3									
1942													2	1	13	52	94	48	21	11	14	5	6	7	14	15	12	20	10	12	6	2								
1943											2	1	5	22	30	42	61	65	40	19	11	15	11	11	24	3	2													
1944											1	1	1	12	43	46	86	59	27	17	10	5	2	5	1	5	13	16	13	3										
1945													1	18	45	58	70	40	33	18	8	6	5	1	20	16	13	10	3											
1946											1	2	5	11	52	69	82	51	18	7	9	15	12	8	17	6														
1947													3	34	14	19	101	41	31	23	12	10	5	3	11	11	18	16	7	6										
1948													4	20	42	32	56	61	31	17	17	19	15	2	15	7	4	10	9	5										
1949											10	13	21	13	20	42	69	24	24	26	10	10	7	5	14	10	16	13	8	5	4	1								
1950													5	21	56	41	82	51	27	23	9	3	5	5	10	5	7	7	8											
1951													1	2	18	44	73	92	25	19	15	9	8	7	5	15	5	12	10	4	1									
1952													1	4	67	76	39	11	23	30	12	2	23	3	14	4	9	9	10	13	4	4	8							
1953														15	20	39	142	31	35	22	10	7	3		5	4	3	7	13	3	2									
1954											3	14	14	21	13	40	77	74	29	16	15	10	12	10	7	7	3													
1955											4	6	15	46	33	60	60	29	20	15	11	6	7	7	7	20	7	10	1	1										
1956												3	13	32	28	54	86	40	17	12	10	14	7	8	3	10	6	5	13	5										
1957													1	2	4	14	56	48	40	35	30	13	13	10	14	8	14	6	8	4	5	10	11	15	4					
1958														24	45	58	59	57	28	7	28	9	2	5	4	6	9	2	7	15										
1959															1	14	93	117	17	15	14	12	10	21	6	11	8	23	3											
1960															1	6	33	106	91	31	18	5	4	11	1	7	4	9	13	9	11	2								
1961															1	3	25	30	90	114	28	8	7	9	10	5	3	4	18	6	3	1								
1962															1	1	5	2	25	67	59	34	29	9	12	10	12	4	10	15	26	27	7	5	2	1	1			
1963																3	8	9	14	13	10	25	57	117	47	19	7	5	6	7	3	13	2							
1964																1	16	30	43	97	35	41	28	16	4	2	3	10	1	6	5	14	7	6						
1965																4	6	34	80	75	20	27	19	12	13	11	6	11	7	7	13	6	10	3	1					
1966																	3	1	4	9	6	9	15	36	16	15	41	64	55	23	18	6	13	10	3	6	5	3	2	2
1967																		35	99	51	41	21	14	12	6	3	5	2	10	7	6	9	4							
1968																		15	100	68	55	19	21	13	8	13	12	1	8	3	5	6	15	3	1					
1969																		1	14	93	117	17	15	14	12	10	21	6	11	8	23	3								
1970																		1	6	33	106	91	31	18	5	4	11	1	7	4	9	13	9	11	2					
1971																			3	7	7	45	101	69	24	10	13	12	16	5	16	6	10	9	12					
1972																				5	17	15	22	68	99	57	11	11	8	10	5	3	10	4	5	6	5	2		
1973																				2	1	2	45	106	77	27	16	12	10	9	2	2	9	13	11	2	9	7		
1974			</																																					

09306500 WHITE RIVER NEAR WATSON, UTAH--Continued

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

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
WHITE R NR WATSON UT

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	18993	100.0	12	250.0	781	18044	95.0	24	1600	406	1939	10.2
1	45.00	1	18993	100.0	13	290.0	1883	17263	90.9	25	1800	448	1533	8.0
2	53.00	2	18992	100.0	14	340.0	2797	15380	81.0	26	2100	438	1085	5.7
3	61.00	5	18990	100.0	15	390.0	3767	12583	66.3	27	2500	278	647	3.4
4	72.00	16	18985	100.0	16	460.0	1972	8816	46.4	28	2900	191	369	1.9
5	83.00	14	18969	99.9	17	530.0	1469	6844	36.0	29	3400	108	178	.9
6	97.00	11	18955	99.8	18	620.0	939	5375	28.3	30	4000	41	70	.3
7	110.00	22	18944	99.7	19	730.0	623	4436	23.4	31	4600	22	29	.1
8	130.00	33	18922	99.6	20	850.0	482	3813	20.1	32	5400	1	7	
9	150.00	134	18889	99.5	21	990.0	520	3331	17.5	33	6300	5	6	
10	180.00	220	18755	98.7	22	1200.0	210	2811	14.8	34	7400	1	1	
11	210.00	491	18535	97.6	23	1300.0	662	2601	13.7					

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

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
WHITE R NR WATSON UT

YEAR	1	3	7	15	30	60	90	120	183
1924	4100.0 7	3980.0 7	3190.0 14	2550.0 23	2040.0 31	1660.0 29	1290.0 32	1090.0 34	864.0 33
1925	2180.0 47	2030.0 45	1830.0 45	1770.0 42	1710.0 40	1590.0 32	1480.0 23	1280.0 22	1070.0 18
1926	3360.0 20	3220.0 20	3090.0 17	2930.0 14	2630.0 15	2180.0 15	1870.0 9	1590.0 8	1270.0 7
1927	2560.0 41	2410.0 38	2330.0 37	2150.0 35	1880.0 37	1710.0 27	1430.0 26	1230.0 26	1030.0 23
1928	4780.0 5	4250.0 4	3960.0 4	3390.0 6	3120.0 5	2520.0 5	2090.0 5	1770.0 6	1410.0 6
1929	8160.0 1	6170.0 1	4840.0 2	4540.0 1	4250.0 1	3870.0 1	3590.0 1	3280.0 1	2800.0 1
1930	2800.0 34	2770.0 29	2550.0 32	2200.0 33	1930.0 35	1590.0 33	1430.0 27	1230.0 27	1060.0 19
1931	1700.0 50	1660.0 49	1600.0 49	1450.0 50	1320.0 47	1070.0 48	925.0 48	825.0 47	660.0 48
1932	3030.0 30	2920.0 25	2870.0 22	2690.0 19	2250.0 23	2040.0 17	1700.0 17	1470.0 15	1210.0 10
1933	3680.0 16	3480.0 16	3340.0 10	3210.0 7	2910.0 7	1950.0 18	1570.0 18	1330.0 19	1040.0 20
1934	992.0 52	950.0 52	889.0 52	809.0 52	760.0 52	636.0 52	563.0 52	555.0 52	504.0 52
1935	3190.0 23	3000.0 24	2680.0 26	2470.0 26	2140.0 25	1620.0 30	1240.0 35	1020.0 37	800.0 38
1936	2750.0 35	2690.0 33	2580.0 30	2430.0 27	2160.0 24	1810.0 24	1460.0 24	1240.0 25	946.0 27
1937	3180.0 24	2280.0 42	1840.0 44	1740.0 43	1610.0 42	1210.0 44	1090.0 42	922.0 44	770.0 41
1938	3670.0 17	3260.0 19	3090.0 18	3030.0 11	2780.0 11	2310.0 8	1920.0 7	1570.0 9	1250.0 8
1939	3630.0 18	3410.0 17	2640.0 28	1830.0 41	1530.0 44	1380.0 40	1270.0 33	1160.0 30	882.0 32
1940	2210.0 46	2170.0 43	2080.0 41	1890.0 40	1770.0 38	1390.0 39	1090.0 43	917.0 45	725.0 45
1941	3930.0 11	3730.0 11	3330.0 11	3030.0 12	2770.0 12	2290.0 9	1770.0 15	1460.0 16	1130.0 15
1942	4340.0 6	4130.0 5	3920.0 5	3480.0 5	3060.0 5	2580.0 4	2280.0 4	1950.0 4	1440.0 4
1943	3050.0 28	1890.0 46	1630.0 48	1530.0 47	1470.0 45	1180.0 46	1050.0 45	933.0 43	809.0 37
1944	2660.0 38	2500.0 37	2320.0 38	2250.0 32	2100.0 27	1790.0 25	1370.0 28	1150.0 31	905.0 31
1945	2640.0 39	2580.0 36	2390.0 36	2130.0 36	1900.0 36	1830.0 23	1500.0 22	1280.0 23	1010.0 25
1946	1760.0 48	1750.0 48	1670.0 47	1500.0 48	1230.0 48	1190.0 45	993.0 46	869.0 46	711.0 46
1947	3140.0 27	3100.0 22	3010.0 20	2670.0 21	2350.0 20	2160.0 16	1780.0 14	1500.0 13	1190.0 11
1948	3150.0 26	3150.0 21	3010.0 21	2690.0 20	2430.0 18	1890.0 20	1550.0 20	1330.0 20	1040.0 21
1949	4020.0 8	3820.0 9	3580.0 7	3200.0 8	2710.0 13	2260.0 11	1900.0 8	1600.0 7	1240.0 9
1950	2730.0 36	2720.0 31	2660.0 27	2410.0 29	2050.0 30	1560.0 36	1250.0 34	1060.0 35	840.0 35
1951	3350.0 21	2700.0 32	2430.0 35	2170.0 34	1940.0 34	1690.0 28	1350.0 30	1170.0 29	920.0 30
1952	5010.0 2	4960.0 2	4880.0 1	4490.0 2	3600.0 3	2990.0 3	2450.0 3	2030.0 3	1560.0 3
1953	3760.0 15	3580.0 15	3240.0 13	2790.0 16	2550.0 17	1710.0 26	1340.0 31	1150.0 32	932.0 28
1954	1680.0 51	1620.0 51	1490.0 51	1340.0 51	1150.0 51	921.0 49	767.0 50	683.0 50	576.0 50
1955	3000.0 31	2300.0 41	1900.0 43	1690.0 44	1580.0 43	1360.0 42	1080.0 44	1000.0 38	765.0 42
1956	2620.0 40	2590.0 35	2500.0 33	2420.0 28	2090.0 28	1580.0 34	1210.0 36	1090.0 33	843.0 34
1957	4980.0 4	4830.0 3	4630.0 3	4230.0 3	3960.0 2	3260.0 2	2610.0 2	2220.0 2	1640.0 2
1958	3900.0 13	3820.0 10	3710.0 6	3580.0 4	3160.0 4	2340.0 6	1820.0 11	1530.0 10	1190.0 12
1959	2440.0 43	2390.0 39	2260.0 39	2000.0 38	1630.0 41	1350.0 43	1100.0 41	936.0 42	755.0 44
1960	2330.0 44	2310.0 40	2240.0 40	2030.0 37	1760.0 39	1370.0 41	1140.0 39	1000.0 39	776.0 40
1961	2490.0 42	1830.0 47	1750.0 46	1620.0 46	1470.0 45	1080.0 47	844.0 49	725.0 49	616.0 49
1962	5010.0 3	4030.0 6	3310.0 12	2780.0 17	2410.0 19	2220.0 13	2040.0 6	1870.0 5	1430.0 5
1963	1720.0 49	1650.0 50	1540.0 50	1460.0 49	1220.0 49	880.0 51	744.0 51	650.0 51	550.0 51
1964	2700.0 37	2610.0 34	2580.0 31	2290.0 31	2120.0 26	1580.0 35	1210.0 37	1040.0 36	811.0 36
1965	4010.0 9	3630.0 13	3440.0 9	3150.0 9	2650.0 14	2180.0 14	1800.0 12	1520.0 11	1190.0 13
1966	3160.0 25	2830.0 28	2590.0 29	1640.0 45	1190.0 50	903.0 50	954.0 47	817.0 48	674.0 47
1967	2870.0 33	2750.0 30	2490.0 34	2310.0 30	2020.0 32	1470.0 38	1130.0 40	948.0 41	758.0 43
1968	3410.0 19	3300.0 18	3070.0 19	2740.0 18	2570.0 16	1870.0 22	1450.0 25	1250.0 24	973.0 26
1969	2270.0 45	2090.0 44	2020.0 42	1980.0 39	1940.0 33	1590.0 31	1370.0 29	1190.0 28	932.0 29
1970	3820.0 14	3580.0 14	3120.0 16	2910.0 15	2790.0 8	2250.0 12	1760.0 16	1460.0 17	1110.0 17
1971	2890.0 32	2860.0 27	2810.0 23	2640.0 22	2280.0 21	1880.0 21	1560.0 19	1330.0 18	1020.0 24
1972	3310.0 22	3080.0 23	2790.0 24	2510.0 24	2050.0 29	1500.0 37	1190.0 38	992.0 40	789.0 39
1973	3960.0 10	3850.0 8	3540.0 8	3030.0 13	2780.0 9	2270.0 10	1790.0 13	1470.0 14	1130.0 16
1974	3030.0 29	2910.0 26	2720.0 25	2490.0 25	2260.0 22	1900.0 19	1510.0 21	1320.0 21	1030.0 22
1975	3910.0 12	3640.0 12	3180.0 15	3060.0 10	2780.0 10	2340.0 7	1830.0 10	1510.0 12	1160.0 14

09306500 WHITE RIVER NEAR WATSON, UTAH--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
WHITE R NR WATSDN UT

YEAR	1	3	7	14	30	60	90	120	183
1924	373.00 47	386.00 48	405.00 51	420.00 50	421.00 51	430.00 50	440.00 50	449.00 47	479.00 47
1925	288.00 42	289.00 41	295.00 40	301.00 36	322.00 36	349.00 33	359.00 33	367.00 29	365.00 22
1926	486.00 52	527.00 52	535.00 52	555.00 52	580.00 52	580.00 52	587.00 52	596.00 52	637.00 52
1927	339.00 46	339.00 46	341.00 45	344.00 43	352.00 41	402.00 43	403.00 43	424.00 45	443.00 42
1928	388.00 49	392.00 49	401.00 49	420.00 51	420.00 50	420.00 48	430.00 47	459.00 48	501.00 48
1929	400.00 50	400.00 50	400.00 48	400.00 48	400.00 48	424.00 49	433.00 49	489.00 50	585.00 50
1930	380.00 48	530.00 47	380.00 47	380.00 47	380.00 46	438.00 51	477.00 51	508.00 51	634.00 51
1931	230.00 33	230.00 31	230.00 24	230.00 19	230.00 11	259.00 9	296.00 13	319.00 14	379.00 27
1932	180.00 26	187.00 21	202.00 18	223.00 16	261.00 18	311.00 24	330.00 22	356.00 26	374.00 24
1933	400.00 51	400.00 51	405.00 50	405.00 49	405.00 49	415.00 47	419.00 46	427.00 46	439.00 41
1934	268.00 41	282.00 40	289.00 39	305.00 37	327.00 34	353.00 34	373.00 36	388.00 35	396.00 34
1935	53.00 2	57.00 1	67.00 1	85.00 1	92.00 1	122.00 1	160.00 1	195.00 1	227.00 1
1936	216.00 31	227.00 30	255.00 32	263.00 26	293.00 29	323.00 28	323.00 19	334.00 19	338.00 11
1937	160.00 18	160.00 11	160.00 6	160.00 3	160.00 3	219.00 3	244.00 3	265.00 3	302.00 4
1938	166.00 23	179.00 19	187.00 14	221.00 15	256.00 15	278.00 15	290.00 10	312.00 12	375.00 25
1939	164.00 21	173.00 17	187.00 15	225.00 17	278.00 25	299.00 21	309.00 17	326.00 15	394.00 33
1940	164.00 22	165.00 14	168.00 10	196.00 10	276.00 23	280.00 16	342.00 28	352.00 23	362.00 19
1941	112.00 7	151.00 9	154.00 4	161.00 4	179.00 4	242.00 5	290.00 11	329.00 17	343.00 13
1942	214.00 30	240.00 34	298.00 41	318.00 38	347.00 39	368.00 39	384.00 39	400.00 39	473.00 46
1943	150.00 14	167.00 15	253.00 30	267.00 27	319.00 31	336.00 31	355.00 31	383.00 34	393.00 31
1944	132.00 10	164.00 13	263.00 36	280.00 33	290.00 28	321.00 26	337.00 25	347.00 20	349.00 14
1945	238.00 36	238.00 33	242.00 26	245.00 23	254.00 14	275.00 13	288.00 9	298.00 8	323.00 10
1946	160.00 19	187.00 22	208.00 20	241.00 21	327.00 35	342.00 32	354.00 30	378.00 32	386.00 28
1947	245.00 38	257.00 38	259.00 33	268.00 28	270.00 21	294.00 19	330.00 23	350.00 22	368.00 23
1948	230.00 34	243.00 35	253.00 31	258.00 25	278.00 26	365.00 37	382.00 38	409.00 41	438.00 40
1949	150.00 15	160.00 12	167.00 9	169.00 6	194.00 6	226.00 4	260.00 5	293.00 7	313.00 9
1950	225.00 32	232.00 32	259.00 34	268.00 29	296.00 30	307.00 23	328.00 21	355.00 24	408.00 35
1951	160.00 16	213.00 29	261.00 35	276.00 32	287.00 27	322.00 27	342.00 29	355.00 25	362.00 20
1952	245.00 39	272.00 39	287.00 38	300.00 35	324.00 32	330.00 29	331.00 24	334.00 18	352.00 16
1953	180.00 27	190.00 23	249.00 27	321.00 39	366.00 42	391.00 42	396.00 41	399.00 37	431.00 38
1954	246.00 40	248.00 37	251.00 28	257.00 24	275.00 22	303.00 22	340.00 27	347.00 21	357.00 17
1955	146.00 12	155.00 10	162.00 7	179.00 7	217.00 9	252.00 8	292.00 12	305.00 10	350.00 15
1956	138.00 11	142.00 7	160.00 5	180.00 8	204.00 7	262.00 10	258.00 4	279.00 5	302.00 5
1957	163.00 20	178.00 18	186.00 13	197.00 11	216.00 8	250.00 7	280.00 7	291.00 6	304.00 6
1958	290.00 43	317.00 44	334.00 44	365.00 45	374.00 44	404.00 45	431.00 48	469.00 49	511.00 49
1959	85.00 5	198.00 25	229.00 23	292.00 34	335.00 37	359.00 36	369.00 34	371.00 31	393.00 32
1960	190.00 29	207.00 28	225.00 21	242.00 22	260.00 17	296.00 20	312.00 18	328.00 16	364.00 21
1961	160.00 17	183.00 20	197.00 17	204.00 12	223.00 10	245.00 6	280.00 8	300.00 9	307.00 7
1962	78.00 3	204.00 27	227.00 22	235.00 20	257.00 16	277.00 14	327.00 20	408.00 40	437.00 39
1963	130.00 9	133.00 6	177.00 11	269.00 30	277.00 24	335.00 30	357.00 32	369.00 30	386.00 29
1964	120.00 8	125.00 4	134.00 3	163.00 5	185.00 5	264.00 11	270.00 6	272.00 4	297.00 3
1965	182.00 28	193.00 24	207.00 19	228.00 18	263.00 19	291.00 18	307.00 15	310.00 11	339.00 12
1966	178.00 25	202.00 26	280.00 37	357.00 44	367.00 43	377.00 40	397.00 42	415.00 42	457.00 45
1967	78.00 4	81.00 2	96.00 2	113.00 2	153.00 2	212.00 2	218.00 2	241.00 2	266.00 2
1968	149.00 13	151.00 8	167.00 8	187.00 9	232.00 12	288.00 17	301.00 14	313.00 13	311.00 8
1969	293.00 44	304.00 42	309.00 42	322.00 40	347.00 40	355.00 35	373.00 35	382.00 33	387.00 30
1970	100.00 6	133.00 5	235.00 25	329.00 42	378.00 45	406.00 46	411.00 45	418.00 43	444.00 43
1971	297.00 45	338.00 45	347.00 46	373.00 46	385.00 47	403.00 44	409.00 44	418.00 44	447.00 44
1972	242.00 37	245.00 36	252.00 29	276.00 31	324.00 33	388.00 41	391.00 40	400.00 38	422.00 37
1973	45.00 1	83.00 3	183.00 12	208.00 13	247.00 13	275.00 12	308.00 16	358.00 27	379.00 26
1974	238.00 35	315.00 43	316.00 43	323.00 41	337.00 38	368.00 38	378.00 37	396.00 36	418.00 36
1975	170.00 24	170.00 16	194.00 16	211.00 14	267.00 20	317.00 25	339.00 26	361.00 28	362.00 18

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)											
466	418	366	355	405	577	711	1615	1853	718	496	454
20470	7360	4625	4467	6872	37920	139200	337600	580400	271900	74210	59810
143	85.8	68.0	66.8	82.9	195	373	581	762	521	272	245
1.85	1.45	0.76	0.17	1.33	1.57	2.81	1.07	0.41	2.67	3.06	4.40
0.31	0.21	0.19	0.19	0.20	0.34	0.53	0.36	0.41	0.73	0.55	0.54
5.53	4.96	4.34	4.21	4.80	6.85	8.43	19.1	22.0	8.51	5.88	5.38

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)											
2.65	2.61	2.56	2.54	2.60	2.74	2.81	3.18	3.22	2.77	2.65	2.62
0.01	0.01	0.01	0.01	0.01	0.02	0.03	0.02	0.05	0.07	0.04	0.03
0.12	0.08	0.08	0.09	0.08	0.13	0.17	0.15	0.23	0.27	0.19	0.16
0.68	0.78	0.11	-1.00	0.65	0.80	1.31	0.27	-1.61	-0.10	0.66	1.27
0.04	0.03	0.03	0.03	0.03	0.05	0.06	0.05	0.07	0.10	0.07	0.06
9.04	7.93	7.76	7.71	7.88	8.32	8.53	9.65	9.77	8.41	8.04	7.95

GREEN RIVER BASIN

09306500 WHITE RIVER NEAR WATSON, UTAH--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN 703	VARIANCE 43040	STANDARD DEVIATION 207	SKEWNESS 2.47	COEFF. OF VARIATION 0.29	SERIAL CORR 0.195
-------------	-------------------	---------------------------	------------------	-----------------------------	----------------------

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN 2.83	VARIANCE 0.01	STANDARD DEVIATION 0.11	SKEWNESS 0.76	COEFF. OF VARIATION 0.04	SERIAL CORR 0.174
--------------	------------------	----------------------------	------------------	-----------------------------	----------------------

SAN JUAN RIVER BASIN

09339900 EAST FORK SAN JUAN RIVER ABOVE SAND CREEK, NEAR PAGOSA SPRINGS, COLO.

LOCATION.--Lat 37°23'23", long 106°50'26", Archuleta County, on right bank 0.3 mi (0.5 km) upstream from Sand Creek, 4.0 mi (6.4 km) upstream from West Fork San Juan River, and 13 mi (21 km) northeast of Pagosa Springs.

DRAINAGE AREA.--64.1 mi² (166.0 km²).

REMARKS.--Diversions above station for irrigation of about 500 acres (2.02 km²) of hay meadows above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS YEAR	MEAN EF SAN JUAN R AB SAND CREEK, NR PAGOSA SPGS, CO.																																		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1957					90	9	2	50				35	3	5	10	4	4	6	5	7	9	21	10	14	12	7	7	8	4	4	10	9	6	13	1
1958								46			40	38	24	36	32	28	28	4	7	2	3	5	3	7	6	4	13	3	11	3	8	14			
1959	12	8	36	6	38	4	15	39	18	27	25	11	9	18	16	8	7	5	11	8	15	3	2	12	10	2									
1960							1	24	70	44	19	9	5	10	23	10	12	10	23	9	12	6	6	8	11	11	14	17	10	2					
1961		1	15	25	74	11	3	27	13	3	22	5	14	23	16	19	7	8	8	6	8	6	12	9	9	6	10	5							
1962								9	69	6	94	11	18	14	16	16	7	7	5	4	2	3	3	9	15	9	18	18	6	6					
1963				1	3	34	14	67	25	37	28	16	21	11	8	5	7	5	12	16	14	5	7	9	6	10	4								
1964		2	2	2	43	75	7	26	22	9	10	16	8	17	11	12	23	14	9	7	3	9	9	4	2	5	5	4							
1965					1	2	3	112	45	6	13	6	13	9	8	6	4	7	4	7	10	5	6	13	8	10	7	14	22	7	5	10	2		
1966								1	4	62	50	28	26	12	16	28	22	11	7	4	9	13	12	11	6	11	9	10	10	3					
1967				1	7	13	101	17	13	9	4	3	11	15	14	21	30	18	16	6	9	12	16	10	5	6	7	1							
1968				1	14	20	56	20	37	30	11	13	8	15	17	12	11	10	11	9	11	17	6	3	4	4	9	15	2						
1969				1	7	78	27	27	17	15	4	2	8	20	9	12	8	8	11	10	17	4	12	22	12	10	4	8	8	4					
1970				1	3	12	67	12	25	9	13	23	34	20	23	18	10	7	9	8	2	12	13	12	9	6	10	4	1		1			1	
1971								2	12	72	43	29	19	20	32	23	5	3	20	17	12	14	11	11	8	8	4								
1972								20	32	67	34	22	15	37	24	13	15	10	12	7	10	12	8	14	13	1									
1973								2	3	4	76	54	21	10	25	24	15	19	7	6	9	5	8	5	6	3	9	10	21	12	3	6	2		
1974					1	31	46	60	29	17	21	4	8	24	17	17	15	9	6	5	7	10	10	11	4	11	2								
1975					1	29	36	32	32	34	31	16	11	12	6	7	6	7	9	5	7	4	6	4	2	1	3	20	17	15	8	4			

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	278	3754	54.1	24	180	200	1027	14.8
1	3.30	12	6939	100.0	13	27.0	284	3476	50.1	25	220	150	827	11.9
2	4.00	11	6927	99.8	14	32.0	323	3192	46.0	26	260	133	677	9.7
3	4.80	53	6916	99.7	15	38.0	315	2869	41.3	27	300	116	544	7.8
4	5.70	35	6863	98.9	16	45.0	285	2554	36.8	28	360	148	428	6.1
5	6.80	261	6828	98.4	17	54.0	203	2269	32.7	29	430	125	280	4.0
6	8.10	297	6567	94.6	18	64.0	195	2066	29.8	30	510	70	155	2.2
7	9.60	199	6270	90.4	19	76.0	193	1871	27.0	31	610	39	85	1.2
8	11.00	768	6071	87.5	20	91.0	161	1678	24.2	32	720	27	46	.6
9	14.00	440	5303	76.4	21	110.0	188	1517	21.9	33	860	17	19	.2
10	16.00	518	4863	70.1	22	130.0	128	1329	19.2	34	1000	2	2	
11	19.00	591	4345	62.6	23	150.0	174	1201	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

YEAR	MEAN EF SAN JUAN R AB SAND CREEK, NR PAGOSA SPGS, CO.																	
	1	3	7	15	30	60	90	120	183									
1957	1020.0	2	994.0	1	957.0	1	827.0	1	802.0	1	594.0	1	471.0	1	388.0	1	279.0	1
1958	692.0	6	688.0	6	674.0	5	650.0	3	572.0	4	423.0	5	326.0	5	254.0	5	178.0	5
1959	272.0	19	265.0	18	242.0	18	225.0	19	194.0	19	155.0	19	119.0	19	95.0	19	72.0	19
1960	552.0	8	526.0	8	470.0	10	444.0	8	411.0	7	337.0	7	299.0	7	247.0	7	171.0	7
1961	366.0	14	362.0	14	357.0	14	343.0	13	284.0	14	230.0	12	178.0	13	141.0	13	108.0	13
1962	570.0	7	563.0	7	540.0	6	430.0	9	399.0	8	357.0	6	314.0	6	252.0	6	174.0	6
1963	314.0	16	310.0	16	300.0	15	285.0	15	246.0	15	183.0	17	153.0	15	124.0	16	89.0	16
1964	466.0	12	454.0	12	432.0	12	378.0	12	288.0	12	198.0	14	152.0	16	135.0	15	100.0	15
1965	894.0	3	872.0	2	807.0	2	696.0	2	588.0	3	515.0	4	447.0	2	370.0	2	262.0	2

09339900 EAST FORK SAN JUAN RIVER ABOVE SAND CREEK, NEAR PACOSA 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
EF SAN JUAN R AB SAND CREEK, NR PAGOSA SPGS, CO.

YEAR	1	3	7	15	30	60	90	120	183
1966	530.0 11	520.0 11	501.0 8	410.0 10	392.0 9	325.0 8	267.0 8	220.0 8	157.0 9
1967	430.0 13	410.0 13	369.0 13	310.0 14	286.0 13	226.0 13	181.0 12	165.0 11	128.0 12
1968	540.0 9	525.0 9	496.0 9	462.0 7	414.0 6	307.0 9	231.0 10	201.0 10	146.0 10
1969	530.0 10	522.0 10	504.0 7	468.0 6	392.0 10	303.0 10	259.0 9	220.0 9	161.0 8
1970	1150.0 1	717.0 5	462.0 11	400.0 11	325.0 11	263.0 11	202.0 11	161.0 12	145.0 11
1971	325.0 15	320.0 15	296.0 16	272.0 16	245.0 16	193.0 15	163.0 14	140.0 14	103.0 14
1972	274.0 18	255.0 19	236.0 19	228.0 18	213.0 18	173.0 18	140.0 18	119.0 18	86.0 18
1973	872.0 4	851.0 3	740.0 3	617.0 5	599.0 2	519.0 2	409.0 4	323.0 4	224.0 4
1974	302.0 17	298.0 17	281.0 17	255.0 17	236.0 17	186.0 16	141.0 17	120.0 17	88.0 17
1975	764.0 5	753.0 4	701.0 4	624.0 4	556.0 5	515.0 3	412.0 3	330.0 3	227.0 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
EF SAN JUAN R AB SAND CREEK, NR PAGOSA SPGS, CO.

YEAR	1	3	7	14	30	60	90	120	183
1958	11.00 14	11.00 12	11.00 12	11.00 11	12.00 12	13.00 12	15.00 13	17.00 13	24.00 13
1959	3.40 1	3.50 1	3.70 1	3.70 1	4.20 1	4.80 1	5.50 1	6.30 1	9.30 2
1960	10.00 12	11.00 13	12.00 13	13.00 14	14.00 13	14.00 13	14.00 12	16.00 12	30.00 16
1961	4.00 2	4.70 2	5.40 2	5.60 2	5.70 2	6.20 2	6.50 2	6.80 2	9.00 1
1962	15.00 18	15.00 18	15.00 16	15.00 16	15.00 14	15.00 14	17.00 14	18.00 14	23.00 12
1963	6.50 5	7.00 4	7.90 5	8.20 4	8.40 4	9.30 5	9.90 6	11.00 7	14.00 9
1964	4.50 3	4.80 3	5.90 3	7.60 3	8.00 3	8.10 3	8.30 3	8.40 3	10.00 3
1965	8.00 9	9.20 10	10.00 11	11.00 12	11.00 10	12.00 11	12.00 10	13.00 10	13.00 7
1966	13.00 17	14.00 17	15.00 17	16.00 18	16.00 17	18.00 17	19.00 17	21.00 17	32.00 17
1967	8.00 10	9.20 11	9.50 9	10.00 9	11.00 11	11.00 10	12.00 11	13.00 11	14.00 8
1968	8.00 11	8.70 7	9.40 8	9.80 8	9.90 8	10.00 8	11.00 8	12.00 8	15.00 10
1969	6.50 4	7.50 5	7.90 4	8.30 5	8.70 5	8.90 4	9.00 4	9.20 4	11.00 4
1970	7.00 6	8.70 8	10.00 10	11.00 10	11.00 9	11.00 9	12.00 9	13.00 9	22.00 11
1971	12.00 15	13.00 16	15.00 18	15.00 17	16.00 18	18.00 18	18.00 16	18.00 15	26.00 15
1972	11.00 13	12.00 14	12.00 14	12.00 13	15.00 15	16.00 15	17.00 15	20.00 16	25.00 14
1973	12.00 16	13.00 15	13.00 15	14.00 15	15.00 16	17.00 16	20.00 18	22.00 18	36.00 18
1974	8.00 7	8.70 9	8.90 7	9.20 7	9.40 7	9.50 6	9.90 5	10.00 5	13.00 5
1975	8.00 8	8.50 6	8.80 6	8.90 6	9.20 6	9.50 7	10.00 7	11.00 6	13.00 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)											
31.8	21.1	13.7	12.1	12.8	24.2	101	287	309	115	54.2	41.5
487	162	32.3	21.6	16.3	143	3235	9186	34400	11840	1211	1894
22.1	12.7	5.68	4.64	4.04	12.0	55.9	95.8	185	109	34.8	43.5
1.46	1.01	0.30	0.65	0.42	0.86	1.19	0.42	1.16	1.58	1.30	3.40
0.69	0.60	0.42	0.38	0.31	0.49	0.57	0.33	0.60	0.95	0.64	1.05
3.11	2.07	1.34	1.18	1.26	2.37	9.83	28.1	30.2	11.2	5.30	4.06

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	1.26	1.10	1.05	1.09	1.33	1.94	2.44	2.42	1.91	1.66	1.50
0.08	0.06	0.04	0.03	0.02	0.04	0.05	0.02	0.06	0.13	0.07	0.08
0.28	0.25	0.20	0.17	0.14	0.21	0.23	0.15	0.25	0.36	0.26	0.29
0.34	0.41	-0.45	-0.14	-0.11	0.11	0.32	-0.19	0.11	0.55	0.29	1.29
0.20	0.20	0.18	0.16	0.13	0.16	0.12	0.06	0.10	0.19	0.16	0.19
7.40	6.57	5.74	5.50	5.69	6.99	10.2	12.7	12.7	9.98	8.68	7.86

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
85.4	996	31.6	0.48	0.37	-0.355

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.90	0.03	0.16	-0.05	0.09	-0.400

SAN JUAN RIVER BASIN

09340000 EAST FORK SAN JUAN RIVER NEAR PAGOSA SPRINGS, COLO.

LOCATION.--Lat 37°22'10", long 106°53'30", Archuleta County, on right bank 0.2 mi (0.3 km) upstream from private highway bridge, 0.5 mi (0.8 km) upstream from West Fork, and 9.5 mi (15.3 km) northeast of Pagosa Springs.

DRAINAGE AREA.--86.9 mi² (225.1 km²).

REMARKS.--Diversions above station for irrigation of about 500 acres (2.02 km²) of hay meadows above station and a few small hay meadows below station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
EAST FORK SAN JUAN RIVER NR PAGOSA SPRINGS, 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																																						
1936					1	82	18	24	7	8	29	32	20	11	23	9	10	6	6	5	4	9	9	6	8	11	18	7	3										
1937					3	23	45	49	31	41	27	14	14	11	5	2	4	3	3	2	4	4	7	9	8	18	14	9	13	2									
1938			1	33	64	27	12	19	7	8	12	18	17	17	15	8	4	12	11	5	3	3	2	5	8	8	18	15	9	3	1								
1939			2	13	40	23	21	20	23	25	35	14	13	19	13	9	8	12	12	6	4	7	9	9	18	10													
1940	6	25	58	16	8	10	26	21	14	23	16	17	10	12	11	16	6	3	9	10	3	3	11	10	17	4	1												
1941					3	9	42	78	12	6	21	12	13	15	11	7	14	19	5	6	7	2	5	6	4	6	9	15	13	11	10	3	1						
1942						9	72	32	34	17	12	14	7	12	3	9	10	14	8	18	7	12	24	10	10	6	12	10	3										
1943						9	78	97	11	6	14	15	11	10	7	4	9	6	5	8	17	22	10	15	7	4													
1944		1	1	11	61	57	29	39	9	9	10	12	12	4	4	2	5	9	8	11	5	2	4	3	6	6	19	13	10	4									
1945					14	61	63	22	33	22	12	6	9	13	6	7	8	6	3	11			8	5	5	15	16	11	7	2									
1946		1	21	38	32	38	12	19	13	21	24	28	17	13	8	5	6	12	11	15	10	8	3	1	7	2													
1947					22	30	59	13	24	19	24	24	24	16	9	5	12	10	10	6	5	11	24	5	1														
1948					11	60	43	41	19	15	17	14	13	16	8	8	4	6	2	1	5	11	7	5	11	10	10	7	10	9									
1949			1	71	34	37	13	24	20	15	8	12	6	3	8	4	4	3	7	7	5	7	9	20	17	10	7	11	2										
1950					1	71	37	44	25	31	22	9	8	5	4	13	5	8	14	9	5	7	10	20	17														
1951	3	36	16	27	39	30	33	13	15	23	15	17	7	9	11	7	5	6	8	5	6	7	8	6	9	4													
1952		1	26	81	42	13	13	3	8	11	7	6	5	8	13	7	5	17	7	2	7	5	7	10	13	5	5	5	7	13	12	2							
1953					17	68	63	28	18	15	15	7	4	11	19	13	11	12	13	6	3	9	3	1	1	12	9	6	1										
1954			1	38	42	48	38	31	11	14	12	12	11	15	6	5	6	13	11	7	18	11	5	8	2														
1955	1	4	7	40	75	8	11	27	18	15	17	9	8	12	18	14	14	13	5	4	14	13	12	5	1														
1956		1	3	18	26	53	66	24	14	19	10	10	7	6	7	7	6	15	12	7	3	7	4	2	9	10	9	8	2	1									
1957	1	3	42	41	29	15	25	10	12	9	11	9	5	5	5	1	8	13	16	12	14	9	9	8	6	10	8	6	16	5	2								
1958					15	31	39	38	37	36	30	19	26	6	5	2	4	4	3	5	7	12	6	5	10	10	10	5											
1959		1	17	45	20	28	47	21	38	23	8	14	14	11	7	6	2	11	10	14	4	12	9	4															
1960					5	38	51	46	20	10	10	14	19	6	10	8	21	11	6	11	6	7	6	16	18	16	9	2											
1961			48	39	10	31	18	15	20	11	15	22	18	12	14	6	7	8	8	7	8	10	7	11	7	13													
1962					1	25	18	60	48	34	26	15	13	14	8	3	9	4	2	4	2	7	15	20	9	18	3	7											
1963			1	18	43	60	38	34	26	14	15	11	4	8	5	5	14	17	12	8	9	3	5	14	1														
1964			9	55	43	32	25	18	4	12	10	15	11	19	10	16	15	17	9	4	5	10	7	4	3	3	6	4											
1965					17	81	41	32	6	4	8	17	9	8	5	5	6	4	9	10	5	10	13	11	5	19	16	7	13	4									
1966					4	27	39	51	36	13	14	12	26	21	10	10	8	6	8	14	11	13	13	8	11	6	4												
1967					19	72	42	17	10	3	2	8	18	13	26	19	27	16	13	6	12	11	11	6	7	6	1												
1968				1	31	45	41	34	26	10	14	6	10	19	11	6	14	15	12	9	9	14	6	4	6	9	5	9											
1969		1	2	43	69	29	19	12	2	3	16	12	14	9	8	5	10	14	16	2	5	20	13	13	9	7	8	4											
1970				1	17	53	16	27	16	13	22	28	20	26	23	9	6	12	6	3	12	22	6	7	5	8	5								1		1		
1971					2	11	65	54	34	21	15	35	13	8	2	15	22	15	14	10	10	11	8																
1972				6	14	31	33	51	28	34	30	24	11	9	9	13	15	10	14	12	16	5	1																
1973				3	1	14	64	42	30	27	20	12	15	14	13	7	7	6	8	10	4	6	3	6	23	16	5	8	1										
1974			1	56	63	40	9	21	12	10	8	8	26	18	14	7	10	6	10	8	14	8	5	9	2														
1975			9	57	26	31	16	29	26	16	9	10	11	3	8	6	6	9	9	4	3	7	1	4	7	18	14	10	12	4									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	14610	100.0	12	37.0	658	6880	47.1	24	300	305	1863	12.7
1	5.50	11	14610	100.0	13	44.0	551	6222	42.6	25	350	381	1558	10.6
2	6.50	64	14599	99.9	14	52.0	544	5671	38.8	26	420	267	1177	8.0
3	7.80	184	14535	99.5	15	62.0	491	5127	35.1	27	500	275	910	6.2
4	9.30	343	14351	98.2	16	74.0	411	4636	31.7	28	590	232	635	4.3
5	11.00	728	14008	95.9	17	88.0	271	4225	28.9	29	710	174	403	2.7
6	13.00	1163	13280	90.9	18	100.0	392	3954	27.1	30	840	129	229	1.5
7	16.00	1275	12117	82.9	19	120.0	418	3562	24.4	31	1000	67	100	.6
8	19.00	1119	10842	74.2	20	150.0	332	3144	21.5	32	1200	26	33	.2
9	22.00	1218	9723	66.6	21	180.0	259	2812	19.2	33	1400	6	7	
10	26.00	908	8505	58.2	22	210.0	338	2553	17.5	34	1700	1	1	
11	31.00	717	7597	52.0	23	250.0	352	2215	15.2					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
EAST FORK SAN JUAN RIVER NR PAGOSA SPRINGS, CO.

YEAR	1	3	7	15	30	60	90	120	183
1936									

09340000 EAST FORK SAN JUAN RIVER NEAR PAGOSA 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 EAST FORK SAN JUAN RIVER NR PAGOSA SPRINGS, CO.										
YEAR	1	3	7	15	30	60	90	120	183	
1941	1710.0 1	1670.0 1	1500.0 1	1260.0 2	1090.0 2	991.0 1	793.0 1	630.0 1	442.0 1	
1942	1050.0 12	1000.0 11	941.0 11	899.0 6	799.0 9	613.0 11	512.0 11	415.0 11	285.0 11	
1943	538.0 27	538.0 26	493.0 26	433.0 27	347.0 30	337.0 24	295.0 22	246.0 22	176.0 23	
1944	1180.0 7	1150.0 5	970.0 10	885.0 8	807.0 8	708.0 5	544.0 10	436.0 10	298.0 10	
1945	904.0 13	842.0 15	777.0 14	651.0 15	617.0 14	555.0 12	437.0 13	347.0 13	241.0 13	
1946	440.0 34	428.0 33	404.0 33	340.0 36	238.0 39	207.0 39	168.0 39	137.0 39	104.0 39	
1947	552.0 26	491.0 27	449.0 29	415.0 28	377.0 27	322.0 26	255.0 26	204.0 27	158.0 25	
1948	1180.0 8	1120.0 6	1060.0 5	896.0 7	894.0 4	689.0 6	557.0 9	440.0 9	302.0 9	
1949	894.0 15	857.0 14	807.0 13	740.0 13	640.0 13	525.0 14	465.0 12	382.0 12	264.0 12	
1950	414.0 37	399.0 37	380.0 36	365.0 33	334.0 31	304.0 29	248.0 28	204.0 28	143.0 28	
1951	490.0 29	463.0 31	427.0 31	381.0 31	330.0 32	241.0 37	184.0 37	147.0 38	106.0 38	
1952	1490.0 3	1380.0 2	1350.0 2	1290.0 1	1130.0 1	897.0 2	713.0 2	572.0 2	396.0 2	
1953	842.0 17	717.0 23	639.0 20	582.0 18	520.0 22	344.0 22	269.0 23	221.0 24	157.0 26	
1954	462.0 32	434.0 32	405.0 32	361.0 34	313.0 35	257.0 32	209.0 32	171.0 33	125.0 34	
1955	456.0 33	408.0 35	366.0 37	316.0 38	294.0 37	255.0 33	201.0 35	171.0 34	128.0 33	
1956	850.0 16	774.0 16	700.0 18	581.0 19	531.0 19	415.0 21	314.0 21	253.0 21	177.0 22	
1957	1200.0 5	1170.0 4	1120.0 3	957.0 4	900.0 3	686.0 7	563.0 8	466.0 5	336.0 4	
1958	900.0 14	891.0 13	860.0 12	789.0 12	715.0 12	546.0 13	421.0 14	329.0 16	231.0 15	
1959	329.0 40	314.0 40	279.0 40	259.0 40	238.0 40	195.0 40	150.0 40	120.0 40	91.0 40	
1960	742.0 23	722.0 22	638.0 21	575.0 21	533.0 18	452.0 17	416.0 16	342.0 14	236.0 14	
1961	475.0 30	467.0 29	458.0 27	446.0 25	374.0 29	305.0 28	236.0 29	188.0 29	143.0 29	
1962	790.0 20	774.0 17	749.0 15	597.0 15	550.0 16	481.0 15	417.0 15	333.0 15	229.0 16	
1963	423.0 36	402.0 36	388.0 35	381.0 32	330.0 33	244.0 36	203.0 34	164.0 35	117.0 36	
1964	656.0 24	645.0 24	602.0 23	532.0 24	398.0 25	270.0 31	207.0 33	183.0 32	135.0 31	
1965	1080.0 10	1040.0 9	995.0 9	879.0 9	751.0 11	672.0 9	594.0 4	491.0 3	353.0 3	
1966	766.0 21	753.0 20	705.0 17	578.0 20	530.0 20	438.0 20	373.0 18	307.0 18	219.0 18	
1967	615.0 25	563.0 25	518.0 25	436.0 26	399.0 24	315.0 27	253.0 27	223.0 23	174.0 24	
1968	802.0 19	767.0 19	743.0 16	670.0 14	589.0 15	439.0 18	330.0 20	287.0 20	209.0 20	
1969	744.0 22	740.0 21	695.0 19	648.0 16	548.0 17	439.0 19	374.0 17	313.0 17	226.0 17	
1970	1500.0 2	946.0 12	597.0 24	539.0 23	431.0 23	340.0 23	261.0 24	209.0 25	189.0 21	
1971	382.0 38	377.0 38	354.0 38	336.0 37	309.0 36	253.0 34	215.0 31	185.0 31	136.0 30	
1972	372.0 39	341.0 39	300.0 39	297.0 39	270.0 38	224.0 38	184.0 38	158.0 37	115.0 37	
1973	1200.0 6	1190.0 3	1080.0 4	863.0 11	838.0 5	760.0 3	600.0 3	475.0 4	329.0 5	
1974	431.0 35	422.0 34	389.0 34	347.0 35	313.0 34	251.0 35	193.0 36	162.0 36	122.0 35	
1975	1130.0 9	1080.0 8	996.0 8	873.0 10	770.0 10	708.0 4	565.0 7	454.0 7	313.0 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 EAST FORK SAN JUAN RIVER NR PAGOSA SPRINGS, CO.										
YEAR	1	3	7	14	30	60	90	120	183	
1937	15.00 32	16.00 34	17.00 33	19.00 32	19.00 32	21.00 32	21.00 30	23.00 32	28.00 29	
1938	10.00 15	11.00 19	12.00 18	12.00 18	12.00 17	12.00 13	13.00 15	14.00 14	17.00 13	
1939	9.00 11	9.70 10	10.00 9	10.00 8	11.00 11	11.00 8	12.00 9	15.00 15	25.00 26	
1940	5.50 1	6.10 2	6.80 2	7.20 2	7.30 2	7.60 1	8.00 1	8.70 1	15.00 8	
1941	13.00 24	15.00 30	17.00 34	19.00 33	20.00 33	21.00 33	21.00 31	22.00 31	28.00 30	
1942	20.00 39	21.00 39	21.00 39	22.00 39	23.00 38	23.00 37	25.00 38	28.00 37	90.00 39	
1943	18.00 38	18.00 35	18.00 35	19.00 34	20.00 34	21.00 34	21.00 32	21.00 29	22.00 24	
1944	9.00 12	10.00 13	12.00 19	12.00 19	13.00 18	14.00 19	14.00 16	15.00 16	18.00 16	
1945	13.00 25	15.00 31	16.00 29	17.00 31	18.00 28	18.00 28	18.00 25	19.00 27	22.00 25	
1946	7.60 7	8.40 7	9.00 6	9.20 4	9.50 4	9.80 5	10.00 5	11.00 5	14.00 6	
1947	14.00 29	14.00 26	14.00 23	15.00 24	15.00 23	16.00 24	18.00 26	18.00 24	26.00 27	
1948	14.00 30	14.00 27	15.00 24	15.00 25	16.00 24	17.00 25	18.00 27	19.00 25	27.00 28	
1949	10.00 16	11.00 14	11.00 14	11.00 13	11.00 12	12.00 14	12.00 10	13.00 12	15.00 9	
1950	12.00 22	13.00 23	13.00 21	14.00 21	14.00 21	15.00 20	16.00 22	17.00 23	20.00 21	
1951	6.00 2	6.00 1	6.40 1	6.70 1	6.80 1	7.80 2	8.60 2	9.20 2	13.00 1	
1952	9.00 13	9.70 11	10.00 10	10.00 9	10.00 8	11.00 9	12.00 11	12.00 7	13.00 2	
1953	11.00 20	12.00 20	12.00 20	13.00 20	13.00 19	15.00 21	15.00 19	16.00 19	19.00 20	
1954	10.00 17	11.00 15	11.00 15	11.00 14	12.00 13	13.00 16	15.00 20	16.00 20	16.00 10	
1955	7.50 6	8.20 5	9.00 7	10.00 10	11.00 9	12.00 15	12.00 12	12.00 8	17.00 14	
1956	6.00 3	8.70 9	10.00 11	10.00 11	12.00 14	14.00 17	14.00 17	15.00 17	18.00 17	
1957	6.00 4	8.00 3	9.60 8	9.90 7	9.90 7	11.00 10	12.00 13	12.00 9	13.00 3	
1958	16.00 34	16.00 32	16.00 30	16.00 26	18.00 29	20.00 30	22.00 33	24.00 33	33.00 33	
1959	7.50 5	8.30 6	8.70 4	9.20 5	9.50 5	9.60 4	10.00 6	11.00 6	14.00 7	
1960	15.00 33	15.00 28	16.00 31	16.00 27	18.00 30	19.00 29	19.00 29	21.00 30	38.00 36	
1961	8.00 8	8.00 4	8.20 3	8.40 3	8.60 3	9.00 3	9.20 3	10.00 3	13.00 4	
1962	14.00 31	16.00 33	17.00 32	20.00 35	21.00 36	22.00 35	24.00 34	24.00 34	32.00 31	
1963	10.00 18	11.00 16	12.00 16	12.00 15	13.00 20	14.00 18	15.00 18	15.00 18	19.00 18	
1964	8.00 9	8.50 8	8.90 5	9.60 6	9.70 6	9.90 6	10.00 4	11.00 4	13.00 5	
1965	13.00 26	15.00 29	15.00 25	16.00 28	17.00 27	17.00 26	17.00 23	17.00 21	19.00 19	
1966	17.00 35	18.00 36	19.00 36	20.00 36	20.00 35	22.00 36	25.00 35	27.00 35	45.00 37	
1967	13.00 27	14.00 24	15.00 26	15.00 22	16.00 25	17.00 27	18.00 28	20.00 28	21.00 22	
1968	12.00 23	13.00 21	14.00 22	15.00 23	15.00 22	15.00 22	16.00 21	17.00 22	22.00 23	
1969	9.00 10	11.00 17	12.00 17	12.00 16	12.00 15	12.00 11	13.00 14	13.00 10	16.00 11	
1970	11.00 21	13.00 22	15.00 27	15.00 29	16.00 26	16.00 23	17.00 24	19.00 26	32.00 32	
1971	17.00 36	18.00 37	20.00 37	21.00 38	23.00 37	25.00 38	25.00 36	26.00 35	35.00 34	
1972	18.00 37	19.00 38	20.00 38	20.00 37	24.00 39	27.00 39	28.00 39	31.00 38	37.00 35	
1973	14.00 28	14.00 25	15.00 28	17.00 30	19.00 31	21.00 31	25.00 37	31.00 39	52.00 38	
1974	10.00 19	11.00 18	11.00 12	12.00 17	12.00 16	12.00 12	12.00 7	13.00 11	17.00 15	
1975	9.50 14	10.00 12	11.00 13	11.00 12	11.00 10	11.00 7	12.00 8	14.00 13	16.00 12	

SAN JUAN RIVER BASIN

09340000 EAST FORK SAN JUAN RIVER NEAR PAGOSA SPRINGS, COLO.--Continued

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

DCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
	BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)										
43.9	25.7	18.0	15.8	16.7	32.9	166	442	421	133	61.0	46.2
2731	289	50.0	30.2	27.4	230	7275	35370	60170	12640	1284	1888
52.3	17.0	7.07	5.49	5.24	15.2	85.3	188	245	112	35.8	43.5
4.33	2.28	0.89	0.69	0.36	1.35	0.70	0.93	0.84	1.57	1.53	3.89
1.19	0.66	0.39	0.35	0.31	0.46	0.51	0.43	0.58	0.85	0.59	0.94
3.08	1.81	1.27	1.11	1.18	2.32	11.7	31.1	29.6	9.35	4.29	3.25

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)										
1.52	1.35	1.23	1.17	1.20	1.48	2.16	2.61	2.55	2.00	1.72	1.57
0.08	0.05	0.03	0.02	0.02	0.03	0.05	0.03	0.06	0.11	0.05	0.07
0.29	0.22	0.16	0.15	0.14	0.19	0.23	0.18	0.25	0.32	0.23	0.27
1.41	0.95	0.27	0.00	-0.24	0.27	-0.05	-0.10	0.10	0.45	0.40	0.91
0.19	0.17	0.13	0.13	0.12	0.13	0.11	0.07	0.10	0.16	0.13	0.17
7.37	6.55	5.96	5.71	5.85	7.19	10.5	12.7	12.4	9.72	8.39	7.62

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
119	2215	47.1	0.59	0.40	-0.114

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.04	0.03	0.17	0.04	0.08	-0.128

09340500 WEST FORK SAN JUAN RIVER ABOVE BORNS LAKE, NEAR PAGOSA SPRINGS, COLO.

LOCATION.--Lat 37°29'08", long 106°55'47", Mineral County, on right bank 0.4 mi (0.6 km) downstream from Beaver Creek, 1.5 mi (2.4 km) north of Borns Lake, and 16 mi (26 km) northeast of Pagosa Springs.

DRAINAGE AREA.--41.2 mi² (106.7 km²).

REMARKS.--No regulation or diversion.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
WF SAN JUAN R AB BORNS LAKE,NR PAGOSA SPGS, 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																																			
1938			31	33	29	34	7	16	14	13	7	6	19	11	18	17	8	13	5	8	4	5	7	6	7	6	5	4	4	9	7	4	7	1		
1939			21	22	11	10	19	25	34	21	15	21	30	17	22	15	10	11	4	7	3	2	5	7	10	5	6	9	3							
1940			65	31	8	16	4	13	35	40	17	13	8	15	12	14	15	8	6	2	11	6	13	6	7	1										
1941						31	5	52	54	22	24	21	7	6	10	6	11	8	15	6	3	4	1	1	5	10	15	21	12	6	7	2				
1942						28	32	47	9	42	5	7	7	21	30	14	6	9	8	10	13	8	15	7	6	2	3	8	7	14	7					
1943						19108	20	17	16	10	7	6	12	12	15	19	8	11	4	7	8	10	8	8	12	6	11	5	6							
1944						5	30	60	54	62	19	9	17	10	5	5	4	3	2	1	4	5	6	6	2	2	3	5	9	12	8	15	3			
1945						10	33	21	36	51	38	17	18	11	13	9	8	9	6	6	5	3	4	3	1	6	12	8	10	10	10	7				
1946						26	58	14	28	15	17	17	9	15	15	17	27	15	10	13	6	11	10	7	7	12	5	1	3	3	4					
1947						16	59	15	17	33	26	29	20	17	17	16	13	7	5	7	4	10	13	14	9	5	7	4	2							
1948						12	23	36	11	35	21	27	15	20	14	12	13	11	12	11	13	12	9	9	5	4	2	2	2	5	5	6	9	6		
1949						31	36	46	28	44	23	19	7	8	2	3	3	4	2	3	6	5	9	8	12	10	4	15	6	6	4	9	7	3	1	
1950						2	66	56	48	32	24	13	6	7	9	9	7	9	5	5	9	5	6	16	7	12	7	5								
1951						3	12	13	14	28	42	58	40	25	16	8	7	13	6	7	10	5	4	7	5	4	16	10	5	2	1	2	2			
1952										2127	50	5	2	5	7	5	6	10	10	9	16	12	13	6	7	4	5	10	9	13	5	6	6	2	2	6
1953										1108	66	22	20	20	14	8	4	10	11	13	5	6	7	6	8	6	2	4	3	9	10	1	1			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5844	100.0	12	34.0	205	2369	40.5	24	220	107	656	11.2
1	6.00	3	5844	100.0	13	40.0	185	2164	37.0	25	260	76	549	9.3
2	7.00	155	5841	99.9	14	46.0	199	1979	33.9	26	300	107	473	8.0
3	8.20	179	5686	97.3	15	54.0	179	1780	30.5	27	360	98	366	6.2
4	9.60	187	5507	94.2	16	63.0	143	1601	27.4	28	420	95	268	4.5
5	11.00	396	5320	91.0	17	74.0	132	1458	24.9	29	490	66	183	3.1
6	13.00	683	4924	84.3	18	87.0	100	1326	22.7	30	570	52	117	2.0
7	15.00	553	4241	72.6	19	100.0	123	1226	21.0	31	670	32	65	1.1
8	18.00	474	3688	63.1	20	120.0	105	1103	18.9	32	780	24	33	.5
9	21.00	387	3214	55.0	21	140.0	102	998	17.1	33	910	8	9	.1
10	25.00	240	2827	48.4	22	160.0	129	896	15.3	34	1100	1	1	
11	29.00	218	2587	44.3	23	190.0	111	767	13.1					

09340500 WEST FORK SAN JUAN RIVER ABOVE BORNS LAKE, NEAR PAGOSA 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

YEAR	1	3	7	15	30	60	90	120	183
1938	912.0 3	895.0 3	864.0 3	746.0 3	652.0 3	455.0 5	349.0 5	277.0 4	202.0 4
1939	450.0 11	438.0 11	379.0 12	336.0 12	321.0 10	238.0 10	176.0 11	140.0 13	103.0 13
1940	263.0 16	248.0 16	229.0 16	196.0 16	193.0 16	151.0 16	118.0 16	98.0 16	74.0 16
1941	790.0 5	780.0 5	740.0 5	675.0 5	581.0 5	499.0 1	428.0 1	341.0 1	240.0 1
1942	660.0 7	615.0 7	581.0 7	544.0 7	518.0 7	372.0 7	277.0 7	221.0 7	154.0 7
1943	445.0 12	435.0 12	406.0 10	338.0 11	293.0 12	260.0 9	216.0 9	175.0 9	131.0 9
1944	710.0 6	683.0 6	638.0 6	623.0 6	572.0 6	470.0 4	392.0 4	273.0 5	186.0 5
1945	558.0 8	542.0 8	495.0 8	450.0 8	424.0 8	348.0 8	268.0 8	214.0 8	148.0 8
1946	414.0 14	403.0 14	363.0 14	293.0 14	212.0 15	173.0 15	136.0 14	113.0 14	87.0 14
1947	435.0 13	424.0 13	384.0 11	345.0 10	282.0 13	227.0 12	174.0 12	144.0 12	114.0 10
1948	895.0 4	835.0 4	748.0 4	716.0 4	654.0 2	433.0 6	324.0 6	258.0 6	178.0 6
1949	1200.0 1	1010.0 2	871.0 2	775.0 2	651.0 4	488.0 3	391.0 2	318.0 2	217.0 3
1950	398.0 15	386.0 15	346.0 15	329.0 13	297.0 11	237.0 11	192.0 10	157.0 10	111.0 11
1951	466.0 10	443.0 10	364.0 13	289.0 15	239.0 14	178.0 14	134.0 15	108.0 15	82.0 15
1952	1070.0 2	1060.0 1	1010.0 1	889.0 1	689.0 1	491.0 2	383.0 3	308.0 3	223.0 2
1953	525.0 9	461.0 9	408.0 9	374.0 9	335.0 9	223.0 13	174.0 13	144.0 11	103.0 12

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

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1938	8.00 5	8.00 5	8.00 5	8.00 5	8.00 3	8.50 3	8.90 3	9.40 3	13.00 3
1939	7.20 2	7.30 2	7.50 2	7.80 4	8.00 4	8.80 4	10.00 4	13.00 8	25.00 14
1940	7.50 3	7.50 3	7.50 3	7.50 1	7.50 1	7.70 1	8.00 1	8.60 1	14.00 4
1941	14.00 16	14.00 16	14.00 16	14.00 16	14.00 16	17.00 16	18.00 16	19.00 16	26.00 15
1942	12.00 13	12.00 13	12.00 11	12.00 12	12.00 11	13.00 13	14.00 15	16.00 14	49.00 16
1943	9.80 8	9.80 8	9.90 8	10.00 9	10.00 9	11.00 9	11.00 5	11.00 4	12.00 1
1944	9.80 9	9.90 9	10.00 9	11.00 10	12.00 10	12.00 10	13.00 10	14.00 12	16.00 8
1945	9.00 6	9.00 6	9.00 6	9.40 6	9.60 6	10.00 6	11.00 6	12.00 5	16.00 9
1946	7.60 4	7.60 4	7.60 4	7.70 3	7.80 2	8.30 2	8.60 2	9.20 2	12.00 2
1947	12.00 14	12.00 14	12.00 12	12.00 11	13.00 12	13.00 11	14.00 11	16.00 15	23.00 12
1948	9.00 7	9.00 7	9.30 7	9.40 7	9.90 7	10.00 7	11.00 7	13.00 9	24.00 13
1949	10.00 10	10.00 10	10.00 10	10.00 8	10.00 8	11.00 8	11.00 8	12.00 6	15.00 6
1950	12.00 15	12.00 11	13.00 13	13.00 13	13.00 13	14.00 14	14.00 12	15.00 13	17.00 10
1951	6.00 1	6.00 1	6.70 1	7.60 2	8.50 5	9.70 5	11.00 9	12.00 7	15.00 7
1952	11.00 11	12.00 12	13.00 14	13.00 14	13.00 14	13.00 12	14.00 13	14.00 10	14.00 5
1953	12.00 12	13.00 15	13.00 15	13.00 15	13.00 15	14.00 15	14.00 14	14.00 11	17.00 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,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
38.8	20.9	14.9	11.9	11.6	16.3	68.1	295	366	111	44.6	38.3
1427	106	21.4	5.39	8.84	19.9	1053	4835	36040	9167	370	522
37.8	10.3	4.63	2.32	2.97	4.46	32.4	69.5	190	95.7	19.2	22.9
3.00	2.27	0.24	-0.63	1.50	0.33	0.56	0.22	0.22	1.71	0.82	1.07
0.97	0.49	0.31	0.20	0.26	0.27	0.48	0.27	0.52	0.86	0.43	0.60
3.89	2.09	1.50	1.19	1.16	1.63	6.82	25.6	36.7	11.2	4.47	3.84

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,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.48	1.28	1.15	1.07	1.05	1.20	1.78	2.39	2.50	1.92	1.61	1.52
0.08	0.03	0.02	0.01	0.01	0.01	0.05	0.02	0.07	0.12	0.03	0.06
0.28	0.17	0.14	0.09	0.10	0.12	0.22	0.12	0.26	0.35	0.19	0.24
1.48	1.35	-0.41	-0.88	0.77	0.04	-0.33	-0.53	-0.52	0.25	0.04	0.45
0.19	0.13	0.12	0.09	0.10	0.10	0.13	0.05	0.10	0.18	0.12	0.16
7.82	6.78	6.08	5.63	5.55	6.31	9.41	12.6	13.2	10.1	8.51	8.01

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
83.3	795	28.2	0.22	0.34	-0.207

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
1.90	0.02	0.15	-0.16	0.08	-0.189

SAN JUAN RIVER BASIN

09341200 WOLF CREEK NEAR PAGOSA SPRINGS, COLO.

LOCATION.--Lat 37°26'47", long 106°53'00", Mineral County, on right bank 0.3 mi (0.5 km) upstream from Fall Creek and 14 mi (23 km) northeast of Pagosa Springs.

DRAINAGE AREA.--14.0 mi² (36.3 km²).

REMARKS.--No regulation. Small transmountain diversion above station by Treasure Pass diversion ditch to South Fork Rio Grande drainage and small diversion by U.S. Forest Service for fish pond just below station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WOLF CREEK NEAR PAGOSA SPRINGS, 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																																				
1969				1	44	60	28	22	11	5	11	8	7	17	14	9	15	11	3	3	16	10	10	7	4	10	13	9	5	6	5	1					
1970				1	24	51	10	30	21	43	13	15	27	30	11	4	7	5	6	7	2	2	9	19	5	2	13	5	1	1	1						
1971					1	15	32	38	59	34	16	17	20	24	3	6	10	15	9	8	15	9	7	6	14	7											
1972					5	23	47	44	35	18	16	5	18	40	15	9	18	7	4	5	4	8	9	13	18	5											
1973					2	1	7	52	51	31	21	9	24	22	9	13	9	14	6	7	3	4	3	9	9	5	8	13	9	1	4	12	5	2			
1974		8	76	40	14	8	19	27	10	14	11	11	12	16	11	14	6	9	2	2	1	5	10	6	8	14	9	2									
1975		9	42	38	23	21	34	30	21	10	5	4	5	5	10	9	8	3	3	1																	

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2556	100.0	12	9.5	68	1175	46.0	24	71	58	369	14.4
1	1.50	8	2556	100.0	13	11.0	105	1107	43.3	25	84	82	311	12.1
2	1.80	85	2548	99.7	14	13.0	146	1002	39.2	26	100	52	229	8.9
3	2.10	82	2463	96.4	15	16.0	95	856	33.5	27	120	31	177	6.9
4	2.50	53	2381	93.2	16	19.0	63	761	29.8	28	140	47	146	5.7
5	2.90	84	2328	91.1	17	22.0	73	698	27.3	29	170	28	99	3.8
6	3.50	163	2244	87.8	18	26.0	59	625	24.5	30	200	15	71	2.7
7	4.10	226	2081	81.4	19	31.0	32	566	22.1	31	230	22	56	2.1
8	4.90	206	1855	72.6	20	36.0	31	534	20.9	32	270	26	34	1.3
9	5.70	221	1649	64.5	21	43.0	50	503	19.7	33	320	6	8	.3
10	6.80	130	1428	55.9	22	51.0	45	453	17.7	34	380	2	2	
11	8.00	123	1298	50.8	23	60.0	39	408	16.0					

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WOLF CREEK NEAR PAGOSA SPRINGS, CO.

YEAR	1	3	7	15	30	60	90	120	183
1969	290.0 4	266.0 3	246.0 3	226.0 3	187.0 3	145.0 3	116.0 3	95.0 3	68.0 3
1970	300.0 3	215.0 4	171.0 4	163.0 4	138.0 4	106.0 4	77.0 4	61.0 4	50.0 4
1971	108.0 7	101.0 7	99.0 7	98.0 7	90.0 6	69.0 7	56.0 6	47.0 6	34.0 5
1972	115.0 6	114.0 6	105.0 6	99.0 6	90.0 7	75.0 5	58.0 5	48.0 5	34.0 6
1973	390.0 1	365.0 1	340.0 1	315.0 1	278.0 1	206.0 1	154.0 2	120.0 2	82.0 2
1974	127.0 5	123.0 5	114.0 5	100.0 5	97.0 5	75.0 6	54.0 7	45.0 7	32.0 7
1975	348.0 2	310.0 2	274.0 2	270.0 2	255.0 2	205.0 2	166.0 1	129.0 1	87.0 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
WOLF CREEK NEAR PAGOSA SPRINGS, CO.

YEAR	1	3	7	14	30	60	90	120	183
1970	3.40 4	3.70 6	3.70 4	3.80 4	3.90 3	4.20 3	4.50 3	5.10 3	8.00 4
1971	3.40 5	3.60 4	3.90 6	4.10 6	4.50 5	5.70 6	5.40 6	5.80 4	7.70 3
1972	3.60 6	3.70 5	3.80 5	4.00 5	4.50 6	4.80 5	5.30 4	6.50 6	9.40 5
1973	3.30 3	3.30 3	3.30 3	3.70 3	4.40 4	4.60 4	5.30 5	6.20 5	15.00 6
1974	1.50 1	1.60 1	1.70 1	1.80 1	1.80 1	1.90 1	1.90 1	2.00 1	2.70 1
1975	1.80 2	1.90 2	1.90 2	2.00 2	2.30 2	2.30 2	2.50 2	2.80 2	3.50 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)											
15.8	7.82	5.00	4.12	4.14	7.64	20.4	95.2	132	52.9	12.4	15.0
268	18.8	4.75	2.32	2.71	21.2	138	681	8093	3051	31.2	357
16.4	4.33	2.18	1.52	1.64	4.61	11.7	26.1	90.0	55.2	5.58	18.9
2.07	0.15	-0.32	-0.60	-0.05	2.00	0.35	0.26	0.77	1.30	-0.02	2.44
1.04	0.55	0.44	0.37	0.40	0.60	0.58	0.27	0.68	1.04	0.45	1.26
4.23	2.10	1.34	1.11	1.11	2.05	5.47	25.6	35.5	14.2	3.32	4.02

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)											
1.03	0.82	0.65	0.58	0.58	0.83	1.24	1.96	2.03	1.50	1.05	0.99
0.16	0.09	0.05	0.04	0.04	0.05	0.07	0.02	0.09	0.23	0.05	0.14
0.40	0.30	0.22	0.19	0.19	0.22	0.26	0.13	0.31	0.48	0.23	0.38
0.56	-0.83	-0.73	-0.98	-0.45	1.12	0.19	-0.70	0.16	0.32	-0.81	1.69
0.38	0.36	0.34	0.33	0.32	0.26	0.21	0.06	0.15	0.32	0.22	0.38
7.78	6.17	4.93	4.39	4.40	6.25	9.35	14.8	15.3	11.3	7.87	7.45

09341200 WOLF CREEK NEAR PAGOSA SPRINGS, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN 31.1	VARIANCE 158	STANDARD DEVIATION 12.6	SKEWNESS 0.39	CDEFF. OF VARIATION 0.40	SERIAL CORR -0.628
--------------	-----------------	----------------------------	------------------	-----------------------------	-----------------------

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN 1.46	VARIANCE 0.03	STANDARD DEVIATION 0.18	SKEWNESS 0.08	COEFF. OF VARIATION 0.12	SERIAL CORR -0.659
--------------	------------------	----------------------------	------------------	-----------------------------	-----------------------

09341500 WEST FORK SAN JUAN RIVER NEAR PAGOSA SPRINGS, COLO.

LOCATION.--Lat 37°22'43", long 106°53'56", in SW¼SE¼ sec.1, T.36 N., R.1 W., Archuleta County, on left bank 30 ft (9 m) upstream from bridge on U.S. Highway 160, 0.9 mi (1.4 km) upstream from mouth, and 10 mi (16 km) northeast of Pagosa Springs.

DRAINAGE AREA.--87.9 mi² (227.6 km²).

REMARKS.--Diversions above station for irrigation of about 700 acres (2.83 km²) above and 100 acres (405,000 m²) below station. Treasure Pass diversion ditch above station exports water to Rio Grande basin.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN WEST FORK SAN JUAN RIVER NR PAGOSA SPRINGS, CO.	0	1	2	3	4	5	6	7	8	9	10	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																																						
1936						74	4	1	3	21	55	15	14	28	23	16	7	12	6	8	7	4	8	11	15	11	5	14	3	1									
1937									3	36	54	41	38	34	32	10	11	5	6	1	4	6	2	3	7	8	8	13	19	11	3	6	4						
1938				1	7	22	51	30	23	23	21	13	4	16	10	15	6	10	7	12	9	7	8	3	3	11	6	9	8	12	6	12							
1939									9	46	39	27	28	29	10	23	15	21	15	24	8	14	5	5	10	11	12	9											
1940					1	25	39	37	30	27	40	22	17	5	13	17	11	13	9	9	6	10	6	7	14	8													
1941										8	37	43	50	10	36	19	13	3	16	9	10	11	7	7	5	3	3	8	8	14	11	15	9	10					
1942										4	29	80	49	14	13	10	11	13	11	14	11	13	14	21	12	7	6	3	8	17	5								
1943								17	49	74	32	12	14	8	8	19	9	9	15	4	8	5	8	17	17	7	14	12	7										
1944									9	37	96	72	14	7	8	8	6	8	16	4	5	3	2	5	2	3	5	6	10	6	10	17	7						
1945								8	51	55	64	45	12	6	6	9	8	7	8	3	6	5	5	3	4	2	9	18	16	10	5								
1946						6	45	25	12	23	50	19	38	29	18	14	10	4	12	6	4	15	13	8	4	2	5	3											
1947											31	57	43	50	33	22	21	9	14	4	9	6	3	11	16	12	8	12	4										
1948											23	65	40	33	28	13	9	20	11	13	10	10	6	4	7	9	12	10	5	2	7	9	15	5	1				
1949						2	4	22	77	15	40	30	25	13	7	6	3	4	3	1	5	4	8	12	7	9	17	12	10	7	5	8	7	1					
1950						1	4	11	66	18	32	42	24	35	8	7	6	5	13	6	12	8	10	14	17	9	11	5	1										
1951					2	6	11	14	22	53	40	25	38	36	15	12	9	10	11	7	1	3	10	10	8	7	7	2	1	3	2								
1952										1	5	23	113	30	8	3	9	6	13	5	10	8	16	12	10	5	4	10	7	2	7	13	7	13	7	1	8	10	
1953				11						1	2	14	20	21	56	72	20	13	18	13	19	9	24	6	7	3	4	2	1	2	6	6	11	2	1				
1954					2					3	2	4	34	29	25	34	51	25	19	22	11	11	4	17	5	14	8	12	8	7	7	3							
1955											2	1	12	71	40	27	28	15	19	18	26	19	12	10	7	5	4	6	9	9	4	7	3	2					
1956						5				2	3	5	30	87	51	16	19	18	15	7	4	5	5	9	20	9	4	4	3	7	4	4	7	9	8	6			
1957										1	2	8	19	38	56	22	20	7	8	9	10	3	6	5	8	12	17	12	11	15	11	8	5	4	5	8	7	9	14
1958																1	54	37	76	42	21	24	16	7	5	2	3	3	4	7	7	7	8	13	5	6	5	11	1
1959																																							
1960																																							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	9132	100.0	12	40.0	684	4987	54.6	24	330	209	1348	14.7
1	5.70	16	9132	100.0	13	48.0	475	4303	47.1	25	390	193	1139	12.4
2	6.90	3	9116	99.8	14	57.0	404	3828	41.9	26	460	200	946	10.3
3	8.20	7	9113	99.8	15	68.0	334	3424	37.5	27	550	184	746	8.1
4	9.80	21	9106	99.7	16	80.0	297	3090	33.8	28	660	158	562	6.1
5	12.00	58	9085	99.5	17	96.0	199	2793	30.6	29	790	122	404	4.4
6	14.00	269	9027	98.9	18	110.0	328	2594	28.4	30	940	99	282	3.0
7	17.00	472	8758	95.9	19	140.0	163	2266	24.8	31	1100	93	183	2.0
8	20.00	820	8286	90.7	20	160.0	211	2103	23.0	32	1300	67	90	.9
9	24.00	657	7466	81.8	21	190.0	173	1892	20.7	33	1600	22	23	.2
10	28.00	927	6809	74.6	22	230.0	160	1719	18.8	34	1900	1	1	
11	33.00	895	5882	64.4	23	270.0	211	1559	17.1					

09341500 WEST FORK SAN JUAN RIVER NEAR PAGOSA 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
WEST FORK SAN JUAN RIVER NR PAGOSA SPRINGS, CO.

YEAR	1	3	7	15	30	60	90	120	183
1936	965.0 13	883.0 13	760.0 14	714.0 14	634.0 14	531.0 13	411.0 13	333.0 14	252.0 13
1937	1390.0 9	1380.0 6	1290.0 7	1150.0 9	973.0 10	801.0 8	654.0 8	519.0 8	357.0 8
1938	1550.0 6	1500.0 4	1450.0 4	1300.0 4	1180.0 4	900.0 5	731.0 3	580.0 5	415.0 4
1939	625.0 22	612.0 22	542.0 23	510.0 21	493.0 19	396.0 18	310.0 18	253.0 18	183.0 18
1940	538.0 24	504.0 25	473.0 25	452.0 24	418.0 23	323.0 22	252.0 22	207.0 22	152.0 22
1941	1890.0 2	1860.0 1	1780.0 1	1560.0 2	1290.0 2	1180.0 1	969.0 1	769.0 1	538.0 1
1942	1170.0 10	1110.0 10	1060.0 10	1040.0 10	994.0 8	727.0 10	572.0 9	463.0 9	321.0 9
1943	758.0 19	747.0 18	689.0 18	604.0 16	496.0 18	479.0 14	408.0 14	338.0 13	246.0 14
1944	1400.0 8	1360.0 7	1270.0 8	1220.0 7	1140.0 7	968.0 3	725.0 4	569.0 6	388.0 6
1945	1090.0 11	1060.0 11	932.0 12	822.0 12	791.0 12	683.0 11	529.0 11	418.0 12	287.0 12
1946	613.0 23	598.0 23	548.0 22	454.0 23	332.0 25	275.0 25	219.0 25	180.0 24	137.0 24
1947	760.0 18	741.0 19	666.0 19	589.0 17	499.0 17	449.0 16	344.0 16	276.0 17	216.0 15
1948	1640.0 4	1440.0 5	1320.0 6	1260.0 6	1190.0 3	889.0 6	704.0 7	561.0 7	388.0 7
1949	1900.0 1	1710.0 3	1540.0 3	1390.0 3	1160.0 6	877.0 7	723.0 5	594.0 3	407.0 5
1950	660.0 20	649.0 20	588.0 20	550.0 19	487.0 20	398.0 17	335.0 17	278.0 16	198.0 16
1951	836.0 17	801.0 17	694.0 17	540.0 20	434.0 21	314.0 23	235.0 23	188.0 23	140.0 23
1952	1840.0 3	1810.0 2	1760.0 2	1650.0 1	1340.0 1	1020.0 2	805.0 2	644.0 2	450.0 2
1953	940.0 14	850.0 15	734.0 15	688.0 15	627.0 15	389.0 19	298.0 19	244.0 19	176.0 19
1954	651.0 21	618.0 21	552.0 21	488.0 22	423.0 22	327.0 21	259.0 21	210.0 21	160.0 21
1955	849.0 16	810.0 16	704.0 16	568.0 18	515.0 16	387.0 20	293.0 20	238.0 20	174.0 20
1956	912.0 15	876.0 14	836.0 13	738.0 13	651.0 13	466.0 15	350.0 15	280.0 15	195.0 17
1957	1550.0 5	1350.0 8	1340.0 5	1270.0 5	1170.0 5	909.0 4	704.0 6	584.0 4	423.0 3
1958	1420.0 7	1320.0 9	1260.0 9	1200.0 8	991.0 9	732.0 9	565.0 10	438.0 10	305.0 10
1959	530.0 25	521.0 24	482.0 24	451.0 25	385.0 24	293.0 24	222.0 24	177.0 25	136.0 25
1960	1030.0 12	1020.0 12	963.0 11	873.0 11	806.0 11	628.0 12	519.0 12	426.0 11	296.0 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
WEST FORK SAN JUAN RIVER NR PAGOSA SPRINGS, CO.

YEAR	1	3	7	14	30	60	90	120	183
1937	20.00 18	23.00 18	24.00 18	25.00 18	26.00 18	29.00 19	29.00 17	32.00 19	39.00 17
1938	10.00 4	12.00 4	13.00 4	15.00 6	16.00 6	17.00 3	18.00 4	19.00 3	24.00 7
1939	18.00 14	19.00 16	19.00 13	20.00 12	21.00 14	22.00 13	24.00 15	27.00 15	45.00 18
1940	13.00 9	14.00 7	15.00 7	15.00 7	16.00 7	17.00 4	18.00 5	19.00 4	27.00 11
1941	24.00 21	27.00 22	27.00 21	28.00 21	30.00 22	31.00 22	34.00 21	36.00 21	52.00 23
1942	34.00 24	37.00 24	37.00 24	39.00 24	40.00 24	43.00 24	45.00 24	46.00 24	107.00 24
1943	18.00 15	18.00 13	19.00 14	20.00 13	22.00 15	22.00 14	23.00 14	23.00 11	25.00 8
1944	22.00 19	23.00 19	24.00 19	25.00 19	27.00 19	29.00 20	30.00 19	31.00 17	31.00 15
1945	18.00 16	18.00 14	19.00 15	20.00 14	20.00 10	22.00 15	22.00 11	24.00 12	27.00 12
1946	12.00 6	13.00 5	13.00 5	14.00 4	14.00 3	15.00 1	17.00 2	19.00 5	23.00 4
1947	29.00 23	29.00 23	29.00 23	30.00 23	31.00 23	32.00 23	34.00 22	38.00 23	45.00 19
1948	24.00 20	24.00 20	24.00 20	25.00 20	27.00 20	28.00 17	30.00 20	32.00 18	48.00 21
1949	12.00 7	15.00 10	17.00 8	18.00 9	19.00 8	20.00 9	20.00 6	21.00 9	25.00 9
1950	13.00 10	14.00 8	17.00 9	19.00 10	20.00 11	21.00 10	22.00 12	25.00 14	31.00 13
1951	8.20 3	9.10 3	11.00 3	12.00 3	14.00 4	17.00 5	20.00 7	19.00 6	24.00 5
1952	13.00 11	15.00 11	17.00 10	17.00 8	20.00 12	21.00 11	21.00 9	21.00 7	22.00 3
1953	17.00 13	18.00 15	19.00 16	21.00 16	24.00 16	28.00 18	29.00 18	30.00 16	34.00 16
1954	6.00 2	6.10 2	6.20 1	6.60 1	11.00 1	18.00 7	23.00 13	24.00 13	24.00 6
1955	12.00 8	14.00 9	18.00 11	20.00 15	20.00 13	21.00 12	21.00 10	22.00 10	31.00 14
1956	11.00 5	13.00 6	14.00 6	15.00 5	16.00 5	17.00 6	17.00 3	17.00 2	20.00 2
1957	5.80 1	6.00 1	6.90 2	9.80 2	11.00 2	15.00 2	16.00 1	16.00 1	17.00 1
1958	26.00 22	27.00 21	28.00 22	29.00 22	29.00 21	31.00 21	35.00 23	37.00 22	47.00 20
1959	16.00 12	17.00 12	18.00 12	19.00 11	19.00 9	19.00 8	20.00 8	21.00 8	25.00 10
1960	20.00 17	21.00 17	22.00 17	24.00 17	26.00 17	26.00 16	28.00 16	33.00 20	52.00 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)											
60.1	38.5	27.3	24.9	24.6	39.7	180	516	645	186	75.9	57.0
4051	505	90.6	82.6	44.1	158	6462	39540	134600	34160	1767	1243
63.7	22.5	9.52	9.09	6.64	12.6	80.4	199	367	185	42.0	35.3
3.61	1.90	0.98	1.06	1.37	1.04	0.25	0.55	0.44	1.87	2.31	1.04
1.06	0.58	0.35	0.36	0.27	0.32	0.45	0.39	0.57	0.99	0.55	0.62
3.20	2.05	1.45	1.33	1.31	2.12	9.59	27.5	34.4	9.93	4.05	3.04

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	1.53	1.41	1.37	1.38	1.58	2.21	2.68	2.73	2.11	1.83	1.68
0.08	0.04	0.02	0.02	0.01	0.02	0.04	0.03	0.07	0.13	0.04	0.07
0.29	0.21	0.14	0.15	0.11	0.13	0.21	0.17	0.27	0.37	0.20	0.27
1.23	0.82	0.50	0.35	0.57	0.44	-0.20	-0.16	-0.17	0.56	0.64	-0.02
0.17	0.14	0.10	0.11	0.08	0.08	0.09	0.06	0.10	0.17	0.11	0.16
7.49	6.90	6.37	6.18	6.21	7.12	9.96	12.1	12.3	9.51	8.26	7.57

09341500 WEST FORK SAN JUAN RIVER NEAR PAGOSA SPRINGS, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN 156	VARIANCE 3685	STANDARD DEVIATION 60.7	SKEWNESS 0.43	COEFF. OF VARIATION 0.39	SERIAL CORR -0.025
-------------	------------------	----------------------------	------------------	-----------------------------	-----------------------

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN 2.16	VARIANCE 0.03	STANDARD DEVIATION 0.17	SKEWNESS -0.02	COEFF. OF VARIATION 0.08	SERIAL CORR -0.020
--------------	------------------	----------------------------	-------------------	-----------------------------	-----------------------

09342000 TURKEY CREEK NEAR PAGOSA SPRINGS, COLO.

LOCATION.--Lat 37°22'10", long 106°56'23", in NE¼SW¼ sec.10, T.36 N., R.1 W., Archuleta County, 1.9 mi (3.1 km) upstream from mouth and 8 mi (13 km) northeast of Pagosa Springs.

DRAINAGE AREA.--23.0 mi² (59.6 km²).

REMARKS.--Large part of flow is diverted from drainage basin above station for irrigation during the season.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TURKEY CREEK NEAR PAGOSA SPRINGS, 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																																								
1938									3	2	17	20	45	60	3	36	10	12	25	20	10	12	6	10	4	7	16	10	16	16	4	1									
1939				2	1	3	5	15	22	4	4	5	2	8	99	60	11	13	14	13	13	12	14	9	16	15	7														
1940				11	4	10	4	2	4	14	16	6	14	45	65	61	14	6	15	9	7	10	11	19	15	4															
1941														2	4	10	75	75	24	23	18	15	17	7	2	7	12	8	16	27	17	4	2								
1942													10	18	6	11	14	34	69	35	22	18	17	11	23	14	24	18	16	5											
1943								2	6	3	2	8	22	12	14	66	54	46	16	8	6	5	7	28	22	17	10	8	3												
1944	2	5	4	2	3	6	7	6	1	2	3	2	13	78	62	31	17	7	6	5	14	16	8	4	5	14	13	21	7	2											
1945		2	6	7		3	3	3	1	8	14	14	18	15	19	90	35	17	13	10	5	6	9	4	8	17	25	13													
1946		3	11	10	3	13	8	14	14	25	7	10	14	75	28	21	20	4	17	18	10	5	21	9	5																
1947									7	7	10	25	17	14	66	43	24	29	32	9	13	17	10	11	18	12	1														
1948						1	15	5	4	3	6	4	6	3	57	52	50	30	18	13	11	6	14	6	6	17	10	16	7	6											
1949									14	67	32	23	47	32	8	5	10	5	8	6	4	7	7	6	9	28	28	12	5	1	1										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4383	100.0	12	2.9	166	3832	87.4	24	67	119	761	17.3
1	0.10	2	4383	100.0	13	3.8	223	3666	83.6	25	86	127	642	14.6
2	0.20	10	4381	100.0	14	4.9	297	3443	78.6	26	110	169	515	11.7
3	0.30	21	4371	99.7	15	6.4	527	3146	71.8	27	150	128	346	7.8
4	0.40	32	4350	99.2	16	8.3	516	2619	59.8	28	190	113	218	4.9
5	0.50	11	4318	98.5	17	11.0	348	2103	48.0	29	240	67	105	2.3
6	0.60	36	4307	98.3	18	14.0	245	1755	40.0	30	320	30	38	.8
7	0.80	44	4271	97.4	19	18.0	209	1510	34.5	31	410	6	8	.1
8	1.00	54	4227	96.4	20	24.0	139	1301	29.7	32	530	2	2	
9	1.30	72	4173	95.2	21	31.0	127	1162	26.5	33				
10	1.70	149	4101	93.6	22	40.0	126	1035	23.6	34				
11	2.30	120	3952	90.2	23	51.0	148	909	20.7					

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
TURKEY CREEK NEAR PAGOSA SPRINGS, CO.

YEAR	1	3	7	15	30	60	90	120	183
1938	448.0 2	391.0 2	350.0 2	298.0 2	245.0 3	203.0 2	167.0 2	131.0 2	93.0 2
1939	175.0 9	165.0 9	151.0 9	143.0 9	126.0 9	98.0 9	79.0 9	62.0 9	43.0 9
1940	128.0 11	124.0 11	109.0 11	98.0 11	87.0 11	73.0 11	57.0 11	45.0 11	32.0 11
1941	540.0 1	534.0 1	474.0 1	395.0 1	329.0 1	312.0 1	260.0 1	206.0 1	143.0 1
1942	284.0 6	273.0 6	253.0 5	228.0 5	202.0 6	163.0 6	140.0 6	111.0 6	78.0 5
1943	219.0 8	210.0 8	195.0 8	169.0 8	129.0 8	106.0 8	92.0 8	75.0 8	54.0 8
1944	324.0 5	319.0 5	253.0 6	224.0 6	208.0 5	187.0 4	142.0 5	114.0 5	78.0 6
1945	236.0 7	232.0 7	212.0 7	187.0 7	187.0 7	160.0 7	125.0 7	99.0 7	69.0 7
1946	109.0 12	105.0 12	92.0 12	69.0 12	56.0 12	52.0 12	42.0 12	34.0 12	24.0 12
1947	151.0 10	144.0 10	140.0 10	123.0 10	103.0 10	84.0 10	66.0 10	54.0 10	39.0 10
1948	362.0 4	343.0 4	310.0 3	255.0 3	249.0 2	191.0 3	149.0 4	117.0 4	82.0 4
1949	439.0 3	355.0 3	295.0 4	251.0 4	211.0 4	179.0 5	157.0 3	128.0 3	86.0 3

09342500 SAN JUAN RIVER AT PAGOSA SPRINGS, COLO.--Continued

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

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
SAN JUAN RIVER AT PAGOSA SPRINGS, 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	
1951			1		3	3	6	56	71	35	19	22	28	17	12	9	10	7	6	6	4	4	6	14	10	7	3	1	2	3						
1952					2	4	16	21	75	52	15	8	6	6	9	15	10	9	11	3	2	4	5	4	5	13	20	9	13	9	6	9	5			
1953		1	10	1		2	12	10	17	58	63	21	20	13	10	12	15	12	14	11	11	7	4	6	3	2	4	6	14	5	1					
1954			7	5		1		39	19	41	57	29	19	20	11	10	6	8	5	3	15	7	13	8	10	7	6									
1955					4	2	13	59	49	23	22	26	16	15	21	26	12	8	6	8	7	1	12	10	9	10	4	2								
1956		2	7	3	8	9	12	38	49	76	18	12	10	9	4	4	9	5	5	7	15	11	5	6	5	6	4	15	7	4	1					
1957		4	5	6	5	1	12	45	45	15	14	9	5	9	12	11	7	4	6	6	12	17	19	12	13	7	9	10	8	2	14	11	4			
1958										12	21	39	44	44	36	22	30	18	14	3	4	3	3	3	2	9	12	8	13	12	9	4				
1959						1	14	36	50	80	35	23	16	7	20	11	4	7	10	13	8	4	5	13	7	1										
1960						6	9	13	28	70	19	15	9	21	10	12	12	12	17	7	4	14	7	8	6	18	23	18	8							
1961					1	3	50	55	31	13	20	15	15	16	14	27	13	9	8	13	6	8	12	6	10	5	13	2								
1962					2	8	4	7	7	4	21	60	40	33	18	32	9	7	12	3	11	2	4	4	9	15	15	14	16	5	3					
1963								16	34	48	62	54	25	12	7	12	8	3	7	6	16	13	8	11	4	2	12	5								
1964			1		3	26	51	39	35	23	17	17	16	13	14	16	14	16	9	9	7	4	8	8	4	3	7	6								
1965							5	6	45	70	42	5	8	9	15	14	6	7	6	5	11	4	9	6	4	10	17	17	26	8	10					
1966							8	13	4	8	34	41	40	34	26	23	8	12	12	11	4	16	10	15	10	7	13	12	4							
1967					2	9	13	16	57	36	10	10	11	10	11	29	27	28	21	6	10	7	14	17	6	5	10	7	13	12	4					
1968					1	5	13	46	44	37	29	19	4	3	13	18	7	12	7	18	8	5	17	17	6	6	6	10	15							
1969						4	36	77	34	17	7	1	4	12	26	9	8	9	6	11	17	9	12	17	20	10	9	10								
1970							1		12	60	28	32	17	18	33	30	18	22	10	6	4	2	9	17	16	6	8	13	1			1			1	
1971								6	12	41	66	33	33	20	30	15	3	7	10	16	9	22	13	8	10	11										
1972					2	5	12	16	7	20	29	35	28	26	26	31	22	6	11	15	16	7	13	10	12	12	4	1								
1973												6	15	50	59	39	25	17	11	12	12	6	10	6	12	9	3	9	2	20	17	12	7	2		
1974					1	2	9	12	15	108	27	30	19	5	9	19	21	12	12	6	10	5	8	8	10	7	8	2								
1975								13	53	41	14	27	44	21	11	13	12	3	3	4	5	7	8	3	5	8	8	7	15	19	11	7	3			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	14610	100.0	12	77.0	1040	8528	58.4	24	720	367	2335	15.9
1	10.00	7	14610	100.0	13	93.0	714	7488	51.3	25	860	306	1968	13.4
2	12.00	30	14603	100.0	14	110.0	628	6774	46.4	26	1000	364	1662	11.3
3	14.00	16	14573	99.7	15	130.0	709	6146	42.1	27	1200	411	1298	8.8
4	17.00	22	14557	99.6	16	160.0	681	5437	37.2	28	1500	288	887	6.0
5	21.00	48	14535	99.5	17	200.0	347	4756	32.6	29	1800	270	599	4.0
6	25.00	143	14487	99.2	18	230.0	404	4409	30.2	30	2200	134	329	2.2
7	30.00	575	14344	98.2	19	280.0	361	4005	27.4	31	2600	115	195	1.3
8	37.00	969	13769	94.2	20	340.0	343	3644	24.9	32	3200	55	80	.5
9	44.00	1445	12800	87.6	21	410.0	287	3301	22.6	33	3800	24	25	.1
10	53.00	1553	11355	77.7	22	490.0	318	3014	20.6	34	4600	1	1	
11	64.00	1274	9802	67.1	23	590.0	361	2696	18.5					

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 JUAN RIVER AT PAGOSA SPRINGS, CO.

YEAR	1	3	7	15	30	60	90	120	183									
1936	2000.0	22	1880.0	22	1560.0	26	1440.0	25	1340.0	22	1200.0	19	923.0	21	742.0	21	573.0	20
1937	2950.0	12	2920.0	10	2800.0	10	2530.0	10	2150.0	12	1830.0	10	1570.0	10	1250.0	10	857.0	11
1938	3350.0	10	3110.0	9	2970.0	8	2630.0	8	2300.0	9	1780.0	11	1530.0	11	1230.0	11	883.0	9
1939	1300.0	34	1270.0	34	1170.0	34	1100.0	34	1040.0	30	889.0	28	739.0	27	594.0	27	419.0	29
1940	1370.0	33	1330.0	33	1260.0	32	1170.0	30	1100.0	28	858.0	29	655.0	29	529.0	31	373.0	31
1941	4640.0	1	4380.0	1	3880.0	2	3310.0	2	2950.0	2	2880.0	1	2400.0	1	1910.0	1	1350.0	1
1942	3110.0	11	2900.0	11	2610.0	12	2340.0	13	2220.0	10	1730.0	12	1510.0	12	1220.0	12	835.0	12
1943	1920.0	24	1870.0	24	1770.0	22	1550.0	21	1200.0	24	1110.0	21	960.0	20	791.0	20	562.0	21
1944	3640.0	8	3340.0	7	2860.0	9	2630.0	9	2520.0	6	2190.0	5	1670.0	5	1350.0	8	914.0	8
1945	2570.0	15	2520.0	14	2190.0	14	1900.0	14	1780.0	14	1670.0	14	1340.0	13	1070.0	13	734.0	13
1946	1150.0	39	1120.0	38	1020.0	38	848.0	39	631.0	40	586.0	39	469.0	39	377.0	39	285.0	39
1947	1490.0	29	1460.0	28	1380.0	28	1230.0	28	1110.0	27	994.0	25	777.0	24	623.0	25	476.0	23
1948	4090.0	6	3810.0	5	3480.0	6	2920.0	5	2830.0	4	2020.0	7	1620.0	9	1280.0	9	882.0	10
1949	4380.0	2	4020.0	4	3510.0	4	3080.0	4	2490.0	7	2000.0	8	1730.0	6	1420.0	6	971.0	6
1950	1440.0	32	1410.0	31	1280.0	30	1240.0	29	1080.0	29	932.0	26	777.0	25	631.0	24	445.0	27
1951	1970.0	23	1880.0	23	1650.0	23	1260.0	27	1020.0	32	744.0	34	561.0	37	444.0	37	321.0	38
1952	4200.0	3	4120.0	2	3930.0	1	3630.0	1	2930.0	3	2350.0	3	1950.0	2	1580.0	2	1090.0	3
1953	2330.0	16	2160.0	17	1940.0	18	1780.0	17	1590.0	17	1040.0	23	796.0	23	645.0	23	457.0	25
1954	1450.0	31	1360.0	32	1250.0	33	1150.0	31	1010.0	33	797.0	32	622.0	32	495.0	33	362.0	34
1955	1540.0	27	1450.0	29	1280.0	31	1060.0	35	993.0	34	808.0	30	616.0	33	498.0	32	368.0	32
1956	2270.0	17	2070.0	19	1880.0	19	1610.0	20	1410.0	21	1080.0	22	839.0	22	668.0	22	460.0	24
1957	4200.0	4	4080.0	3	3870.0	3	3200.0	3	3110.0	1	2290.0	4	1870.0	4	1570.0	3	1150.0	2
1958	2680.0	14	2680.0	13	2610.0	13	2390.0	12	2150.0	13	1710.0	13	1320.0	14	1030.0	15	708.0	15
1959	1000.0	40	984.0	40	874.0	40	819.0	40	730.0	39	573.0	40	439.0	40	352.0	40	264.0	40
1960	2120.0	20	203															

09342500 SAN JUAN RIVER AT PAGOSA 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
SAN JUAN RIVER AT PAGOSA SPRINGS, CD.

YEAR	1	3	7	15	30	60	90	120	183
1966	1880.0 25	1850.0 25	1770.0 21	1490.0 23	1440.0 20	1160.0 20	988.0 19	814.0 19	575.0 19
1967	1480.0 30	1450.0 30	1320.0 29	1110.0 33	1030.0 31	803.0 31	630.0 30	565.0 28	447.0 26
1968	2150.0 19	2100.0 18	2050.0 16	1870.0 15	1710.0 15	1310.0 16	997.0 18	872.0 18	641.0 18
1969	2080.0 21	2040.0 20	1960.0 17	1870.0 16	1600.0 16	1300.0 17	1120.0 17	962.0 15	704.0 16
1970	4100.0 5	2280.0 15	1630.0 25	1530.0 22	1280.0 23	1010.0 24	760.0 26	606.0 26	558.0 22
1971	1160.0 38	1130.0 37	1070.0 37	1030.0 36	932.0 36	730.0 35	630.0 31	536.0 30	384.0 30
1972	1230.0 37	1100.0 39	980.0 39	952.0 38	852.0 38	698.0 36	565.0 36	485.0 34	346.0 35
1973	3860.0 7	3800.0 6	3490.0 5	2820.0 6	2690.0 5	2450.0 2	1950.0 3	1550.0 4	1070.0 4
1974	1260.0 36	1230.0 36	1140.0 36	1020.0 37	922.0 37	694.0 38	537.0 38	438.0 38	324.0 35
1975	3430.0 9	3310.0 8	3010.0 7	2680.0 7	2380.0 8	2090.0 6	1690.0 7	1360.0 7	935.0 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
SAN JUAN RIVER AT PAGOSA SPRINGS, CO.

YEAR	1	3	7	14	30	60	90	120	183
1937	47.00 33	52.00 34	54.00 34	56.00 34	58.00 32	62.00 32	65.00 32	75.00 32	95.00 28
1938	22.00 12	32.00 18	35.00 16	38.00 16	41.00 18	44.00 18	48.00 19	50.00 17	58.00 18
1939	33.00 23	39.00 25	45.00 28	45.00 27	46.00 24	47.00 19	51.00 22	57.00 25	93.00 27
1940	23.00 13	26.00 11	31.00 12	32.00 11	34.00 11	36.00 7	38.00 6	43.00 9	58.00 19
1941	39.00 28	40.00 27	41.00 25	49.00 29	59.00 33	70.00 35	73.00 34	76.00 33	103.00 31
1942	61.00 39	69.00 39	72.00 39	73.00 39	76.00 39	82.00 39	88.00 39	100.00 39	276.00 39
1943	44.00 31	45.00 29	46.00 29	46.00 28	50.00 26	53.00 26	54.00 25	56.00 23	60.00 21
1944	36.00 26	39.00 26	42.00 26	43.00 24	44.00 20	47.00 20	48.00 20	49.00 15	54.00 12
1945	47.00 32	49.00 32	51.00 31	52.00 30	54.00 28	55.00 28	56.00 27	60.00 26	69.00 25
1946	19.00 7	24.00 9	28.00 10	28.00 8	31.00 7	33.00 4	34.00 3	37.00 3	43.00 3
1947	54.00 36	54.00 36	54.00 35	55.00 33	56.00 29	60.00 30	64.00 31	70.00 30	87.00 26
1948	48.00 34	51.00 33	51.00 32	53.00 31	57.00 30	62.00 31	63.00 30	67.00 29	97.00 29
1949	28.00 18	35.00 22	38.00 22	38.00 17	39.00 16	41.00 15	41.00 10	43.00 10	47.00 8
1950	25.00 17	27.00 12	36.00 17	39.00 19	44.00 21	48.00 23	51.00 23	54.00 22	63.00 24
1951	13.00 3	17.00 3	24.00 5	27.00 5	33.00 8	36.00 8	36.00 4	37.00 4	44.00 5
1952	24.00 14	27.00 13	31.00 13	33.00 13	38.00 15	40.00 14	42.00 11	45.00 12	47.00 9
1953	34.00 24	34.00 19	36.00 18	39.00 20	45.00 22	50.00 24	50.00 21	52.00 19	62.00 23
1954	11.00 2	12.00 2	12.00 1	12.00 1	15.00 2	29.00 2	43.00 13	43.00 11	44.00 6
1955	21.00 10	27.00 14	31.00 14	35.00 14	37.00 14	39.00 12	39.00 8	41.00 7	57.00 16
1956	15.00 4	21.00 6	24.00 6	26.00 4	30.00 5	35.00 5	38.00 7	40.00 6	45.00 7
1957	10.00 1	10.00 1	12.00 2	13.00 2	13.00 1	20.00 1	27.00 1	29.00 1	32.00 1
1958	54.00 37	58.00 37	61.00 37	62.00 37	65.00 36	74.00 36	85.00 37	95.00 37	118.00 36
1959	32.00 22	34.00 20	37.00 21	38.00 18	40.00 17	43.00 16	47.00 17	50.00 16	58.00 17
1960	29.00 19	30.00 17	35.00 15	41.00 23	52.00 27	53.00 27	56.00 28	66.00 27	113.00 35
1961	24.00 15	28.00 16	29.00 11	32.00 12	34.00 12	36.00 6	37.00 5	38.00 5	43.00 4
1962	40.00 29	46.00 31	52.00 33	60.00 36	66.00 37	67.00 33	77.00 35	81.00 34	107.00 33
1963	19.00 8	20.00 4	23.00 4	28.00 6	33.00 9	47.00 21	54.00 26	57.00 24	59.00 20
1964	15.00 5	24.00 7	26.00 7	28.00 7	29.00 4	30.00 3	32.00 2	34.00 2	40.00 2
1965	31.00 20	34.00 21	36.00 19	40.00 21	47.00 25	50.00 25	52.00 24	52.00 20	61.00 22
1966	60.00 38	63.00 38	68.00 38	71.00 38	72.00 38	78.00 38	85.00 38	93.00 35	144.00 37
1967	24.00 16	25.00 10	27.00 8	29.00 9	33.00 10	38.00 10	42.00 12	53.00 21	54.00 13
1968	22.00 11	27.00 15	36.00 20	37.00 15	37.00 13	39.00 11	41.00 9	43.00 8	54.00 14
1969	31.00 21	38.00 23	41.00 23	41.00 22	43.00 19	44.00 17	45.00 15	46.00 13	52.00 11
1970	35.00 25	45.00 30	50.00 30	53.00 32	57.00 31	57.00 29	59.00 29	66.00 28	108.00 34
1971	50.00 35	53.00 35	56.00 36	57.00 35	62.00 34	69.00 34	68.00 33	72.00 31	99.00 30
1972	38.00 27	39.00 24	41.00 24	44.00 25	45.00 35	77.00 37	80.00 36	91.00 35	105.00 32
1973	19.00 6	21.00 5	22.00 3	26.00 3	28.00 3	40.00 13	45.00 16	97.00 38	172.00 38
1974	40.00 30	42.00 28	44.00 27	44.00 26	46.00 23	47.00 22	48.00 18	48.00 14	57.00 15
1975	20.00 9	24.00 8	27.00 9	30.00 10	31.00 6	37.00 9	44.00 14	51.00 18	50.00 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)											
134	83.9	60.2	53.0	58.4	125	541	1256	1268	376	163	130
26290	3047	605	284	260	3579	70420	237000	650100	156300	15140	19910
162	55.2	24.6	16.9	16.1	59.8	265	487	806	395	123	141
3.78	1.92	1.30	1.26	0.93	1.52	0.61	0.80	0.79	1.72	2.19	3.78
1.21	0.66	0.41	0.32	0.28	0.48	0.49	0.39	0.64	1.05	0.76	1.08
3.15	1.97	1.42	1.25	1.38	2.93	12.7	29.6	29.9	8.84	3.83	3.07

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)											
1.97	1.85	1.75	1.71	1.75	2.05	2.68	3.07	3.01	2.38	2.12	1.97
0.11	0.06	0.03	0.02	0.01	0.03	0.05	0.03	0.08	0.16	0.08	0.11
0.33	0.23	0.16	0.13	0.12	0.19	0.22	0.17	0.29	0.40	0.28	0.34
0.98	0.79	0.62	0.53	0.15	0.49	-0.22	-0.12	-0.05	0.50	0.21	0.44
0.17	0.13	0.09	0.07	0.07	0.09	0.08	0.06	0.10	0.17	0.13	0.17
7.50	7.04	6.64	6.48	6.65	7.80	10.2	11.7	11.4	9.05	8.05	7.50

09342500 SAN JUAN RIVER AT PACOSA SPRINGS, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN 355	VARIANCE 22410	STANDARD DEVIATION 150	SKEWNESS 0.64	COEFF. OF VARIATION 0.42	SERIAL CORR -0.126
-------------	-------------------	---------------------------	------------------	-----------------------------	-----------------------

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN 2.51	VARIANCE 0.03	STANDARD DEVIATION 0.18	SKEWNESS 0.10	COEFF. OF VARIATION 0.07	SERIAL CORR -0.139
--------------	------------------	----------------------------	------------------	-----------------------------	-----------------------

09343000 RIO BLANCO NEAR PAGOSA SPRINGS, COLO.

LOCATION.--Lat 37°12'46", long 106°47'38", in NW¼sec.1, T.34 N., R.1 E., Archuleta County, on right bank 40 ft (12 m) downstream from highway bridge, 0.4 mi (0.6 km) upstream from Leche Creek, 1.5 mi (2.4 km) downstream from Fish Creek, and 12.5 mi (20 km) southeast of Pagosa Springs.

DRAINAGE AREA.--58.0 mi² (150.2 km²).

REMARKS.--Diversions for irrigation of about 1,400 acres (5.67 km²) above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RIO BLANCO NEAR PAGOSA SPRINGS, 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																																						
1936								5	38	41	15	16	23	32	21	25	15	14	19	13	4	4	11	5	7	7	15	16	13	4	2	1							
1937							1	9	7	6	22	50	47	28	20	15	31	17	9	5	3	4	5	3	6	10	11	18	12	6	9	4	6	1					
1938				3	3	45	29	18	28	27	21	10	6	13	18	20	12	17	12	4	6	2	6	5	4	11	20	16	8	1									
1939				2	8	23	59	33	26	19	27	15	14	14	14	10	7	14	8	16	10	7	12	15	12														
1940				1	17	51	29	23	21	38	25	20	10	9	10	17	11	9	12	9	20	7	15	10	1	1													
1941										9	55	38	45	24	21	25	7	7	12	7	10	11	3	7	10	6	6	14	23	17	4	2	2						
1942				1	3	10	5	4	4	11	25	43	28	12	16	30	12	15	7	11	14	17	11	14	20	14	18	14	4		1	1							
1943				15	5	1	11	60	45	52	32	14	6	5	6	6	7	12	13	11	18	14	13	11	1	3	4												
1944							31	34	36	37	51	28	12	13	10	9	12	6	14	7	2	2	2	7	8	1	5	17	11	11									
1945							11	5	69	57	36	27	12	10	11	14	10	7	10	2	7	7	6	7	10	14	16	13	3	1									
1946							7	33	66	27	39	27	27	20	12	18	11	10	12	11	11	14	4	8	7			1											
1947										24	32	37	24	59	36	6	22	9	10	10	13	7	19	16	10	9	7	7	7	1									
1948							3	20	23	53	36	28	36	20	12	7	11	8	9	7	8	7	9	10	8	13	12	13	9	3	1								
1949							7	28	25	36	66	33	15	8	8	11	7	11	3	7	9	4	9	2	8	11	19	11	13	8	4	1	1						
1950							2	17	14	9	25	82	38	24	25	4	5	16	9	7	8	18	9	9	14	14	15	1											
1951							3	5	24	48	49	54	24	21	15	15	14	9	9	11	4	4	5	5	11	18	7	4	1	2	3								
1952							14	11	4	26	38	74	26	11	4	5	6	3	13	6	5	12	9	8	8	11	12	13	5	15	6	11	9	1					
1953							16	13	9	12	33	42	66	21	2	5	14	13	11	11	19	15	8	8	6	7	5	3	9	14	3								
1954							9	2	1	10	32	17	19	60	45	23	21	11	8	17	9	8	10	4	20	16	14	9											
1955										3	11	63	60	21	24	17	16	13	13	19	10	23	9	9	8	13	12	14	2	1	4								
1956							8	3	4	5	2	21	28	29	50	61	14	18	7	6	6	4	7	7	11	11	12	8	7	7	5	9	7	2					
1957							10	12	1		10	54	22	19	24	19	17	7	7	4	8	3	4	5	7	8	16	13	13	15	10	2	4	12	15	7	6	1	
1958																69	59	39	41	16	18	14	16	7	5	5	3	6	5	5	15	9	3	12	13	5			
1959																2	9	9	14	24	102	65	27	11	3	5	8	14	6	8	7	15	8	12	10	3			
1960																3	10	25	46	39	30	23	20	6	4	5	18	17	12	10	10	7	9	6	19	20	18	8	1
1961																																							
1962																																							
1963																																							
1964																																							
1965																																							
1966																																							
1967																																							
1968																																							
1969																																							
1970																																							
1971																																							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	13149	100.0	12	22.0	938	7591	57.7	24	190	375	1834	13.9
1	3.00	18	13149	100.0	13	26.0	788	6653	50.6	25	230	353	1459	11.0
2	3.60	15	13131	99.9	14	32.0	544	5865	44.6	26	280	289	1106	8.4
3	4.30	5	13116	99.7	15	38.0	433	5321	40.5	27	330	270	817	6.2
4	5.20	34	13111	99.7	16	45.0	464	4888	37.2	28	400	221	547	4.1
5	6.20	65	13077	99.5	17	54.0	443	4424	33.6	29	480	140	326	2.4
6	7.40	210	13012	99.0	18	65.0	370	3981	30.3	30	570	109	186	1.4
7	8.90	650	12802	97.4	19	78.0	372	3611	27.5	31	690	47	77	.5
8	11.00	888	12152	92.4	20	94.0	347	3239	24.6	32	820	19	30	.2
9	13.00	1136	11264	85.7	21	110.0	318	2892	22.0	33	980	10	11	
10	15.00	1255	10128	77.0	22	130.0	421	2574	19.6	34	1200	1	1	
11	18.00	1282	8873	67.5	23	160.0	319	2153	16.4					

09343000 RIO BLANCO NEAR PAGOSA 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
RIO BLANCO NEAR PAGOSA SPRINGS, CO.

YEAR	1	3	7	15	30	60	90	120	183
1936	733.0 11	674.0 11	558.0 11	472.0 11	423.0 11	355.0 11	267.0 13	224.0 13	170.0 11
1937	1150.0 2	1030.0 2	952.0 2	813.0 2	662.0 2	510.0 3	426.0 3	339.0 3	233.0 4
1938	758.0 9	615.0 14	604.0 8	560.0 8	519.0 7	421.0 8	362.0 6	290.0 6	209.0 6
1939	320.0 32	311.0 30	298.0 30	285.0 28	264.0 24	213.0 24	175.0 24	141.0 26	103.0 27
1940	362.0 29	313.0 29	278.0 31	255.0 30	231.0 28	184.0 29	152.0 30	128.0 29	93.0 30
1941	1010.0 4	987.0 3	858.0 3	702.0 4	643.0 3	578.0 2	477.0 2	384.0 2	278.0 2
1942	900.0 5	699.0 9	466.0 15	424.0 13	405.0 12	331.0 12	282.0 11	233.0 11	163.0 13
1943	432.0 26	424.0 25	372.0 24	296.0 25	214.0 30	197.0 26	178.0 23	152.0 22	108.0 26
1944	666.0 14	647.0 12	601.0 9	559.0 9	518.0 8	430.0 7	316.0 10	253.0 10	175.0 10
1945	690.0 12	687.0 10	587.0 10	508.0 10	464.0 10	418.0 9	335.0 8	269.0 9	188.0 8
1946	344.0 30	254.0 34	244.0 34	207.0 35	149.0 36	142.0 36	120.0 36	98.0 36	77.0 35
1947	480.0 21	434.0 23	399.0 22	356.0 23	279.0 22	242.0 20	194.0 20	160.0 20	130.0 20
1948	576.0 16	526.0 16	481.0 14	429.0 12	397.0 13	314.0 13	261.0 14	210.0 15	146.0 16
1949	874.0 6	744.0 5	653.0 7	565.0 7	480.0 9	392.0 10	333.0 9	270.0 7	187.0 9
1950	284.0 35	276.0 33	250.0 33	244.0 31	212.0 31	193.0 28	161.0 27	136.0 28	96.0 29
1951	450.0 23	434.0 24	366.0 25	289.0 27	227.0 29	177.0 32	135.0 33	108.0 34	80.0 34
1952	824.0 7	792.0 4	761.0 4	718.0 3	616.0 4	491.0 4	401.0 4	331.0 4	232.0 5
1953	448.0 24	422.0 26	399.0 23	365.0 20	333.0 19	226.0 21	182.0 21	153.0 21	110.0 23
1954	248.0 36	238.0 36	234.0 35	233.0 33	205.0 33	182.0 30	149.0 31	121.0 32	92.0 31
1955	385.0 27	367.0 27	317.0 27	242.0 32	212.0 32	173.0 33	135.0 34	117.0 33	89.0 33
1956	492.0 19	466.0 19	433.0 18	367.0 19	318.0 20	251.0 19	200.0 19	161.0 19	113.0 22
1957	1200.0 1	1180.0 1	1110.0 1	895.0 1	850.0 1	638.0 1	506.0 1	425.0 1	310.0 1
1958	750.0 10	739.0 6	707.0 5	650.0 5	588.0 5	449.0 5	347.0 7	270.0 8	192.0 7
1959	302.0 33	293.0 32	261.0 32	200.0 36	188.0 35	157.0 34	126.0 35	100.0 35	74.0 36
1960	480.0 20	461.0 20	416.0 21	359.0 22	346.0 15	287.0 17	269.0 12	229.0 12	158.0 14
1961	320.0 31	308.0 31	301.0 29	292.0 26	250.0 25	219.0 23	171.0 25	139.0 27	108.0 24
1962	680.0 13	624.0 13	503.0 13	382.0 18	342.0 17	305.0 14	258.0 15	207.0 16	145.0 17
1963	378.0 28	346.0 28	314.0 28	310.0 24	245.0 27	181.0 31	154.0 29	125.0 30	91.0 32
1964	602.0 15	483.0 18	444.0 16	398.0 15	297.0 21	207.0 25	156.0 28	146.0 25	108.0 25
1965	780.0 8	703.0 8	657.0 6	597.0 6	532.0 6	446.0 6	397.0 5	330.0 5	237.0 3
1966	546.0 17	535.0 15	506.0 12	400.0 14	362.0 14	287.0 15	243.0 17	202.0 17	143.0 18
1967	448.0 25	437.0 22	342.0 26	276.0 29	248.0 26	194.0 27	162.0 26	150.0 23	122.0 21
1968	462.0 22	446.0 21	430.0 20	394.0 16	343.0 16	255.0 18	222.0 18	201.0 18	147.0 15
1969	515.0 18	494.0 17	431.0 19	386.0 17	336.0 18	287.0 16	253.0 16	220.0 14	166.0 12
1970	1070.0 3	711.0 7	433.0 17	361.0 21	265.0 23	226.0 22	179.0 22	149.0 24	137.0 19
1971	290.0 34	245.0 35	222.0 36	211.0 34	189.0 34	153.0 35	141.0 32	121.0 31	97.0 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
RIO BLANCO NEAR PAGOSA SPRINGS, CO.

YEAR	1	3	7	14	30	60	90	120	183
1937	13.00 31	14.00 31	15.00 31	16.00 31	17.00 28	18.00 29	19.00 29	22.00 29	31.00 32
1938	6.60 6	7.10 6	7.70 7	8.70 9	9.60 11	10.00 7	11.00 6	12.00 9	16.00 15
1939	7.00 10	7.50 8	8.40 11	9.50 16	11.00 14	12.00 17	12.00 13	12.00 10	20.00 23
1940	7.20 11	7.80 10	8.30 10	8.50 7	8.80 6	9.10 3	9.70 2	12.00 11	16.00 16
1941	9.20 23	10.00 23	12.00 26	15.00 29	18.00 31	20.00 32	22.00 31	23.00 30	28.00 29
1942	16.00 34	16.00 32	17.00 32	18.00 32	19.00 32	22.00 35	23.00 35	28.00 35	79.00 35
1943	6.00 3	6.60 4	6.70 4	7.00 3	9.10 8	11.00 13	13.00 19	13.00 12	14.00 10
1944	9.00 20	9.00 18	9.00 16	9.00 11	9.00 7	10.00 8	12.00 14	13.00 13	15.00 11
1945	12.00 29	12.00 27	13.00 29	14.00 27	17.00 29	17.00 28	18.00 28	18.00 27	21.00 24
1946	10.00 24	10.00 24	10.00 19	11.00 20	12.00 19	12.00 18	13.00 15	14.00 15	16.00 17
1947	11.00 27	12.00 28	12.00 27	14.00 28	14.00 28	16.00 27	17.00 27	20.00 28	26.00 27
1948	12.00 28	12.00 29	12.00 28	12.00 23	13.00 24	13.00 19	14.00 20	15.00 22	23.00 25
1949	8.50 17	8.80 16	8.90 13	9.10 12	9.90 12	11.00 14	13.00 16	14.00 16	13.00 7
1950	10.00 25	10.00 25	11.00 22	13.00 24	14.00 27	15.00 24	15.00 23	16.00 23	18.00 21
1951	6.00 4	6.00 3	6.50 3	7.00 4	8.30 4	10.00 9	11.00 7	11.00 5	12.00 4
1952	6.80 7	6.90 5	7.00 5	7.20 5	8.10 3	10.00 10	11.00 8	12.00 6	13.00 5
1953	9.00 21	9.80 20	11.00 23	11.00 21	12.00 20	13.00 20	15.00 17	14.00 17	16.00 18
1954	5.20 2	5.30 2	5.40 2	5.60 2	6.00 2	7.20 2	12.00 9	14.00 18	14.00 8
1955	7.50 12	8.10 12	9.10 17	10.00 18	11.00 15	11.00 11	12.00 10	12.00 7	15.00 12
1956	6.50 5	7.80 11	8.20 9	8.40 6	8.80 5	11.00 12	12.00 11	12.00 8	14.00 9
1957	3.00 1	3.20 1	3.20 1	3.40 1	3.50 1	5.20 1	8.20 1	9.10 1	9.60 1
1958	19.00 35	19.00 35	20.00 35	20.00 35	20.00 35	21.00 33	22.00 32	25.00 34	34.00 33
1959	9.00 22	9.30 19	10.00 20	12.00 22	13.00 25	14.00 21	15.00 24	15.00 19	17.00 20
1960	6.80 8	7.20 7	7.40 6	8.70 10	11.00 16	14.00 22	14.00 21	16.00 24	30.00 31
1961	7.00 9	8.30 14	9.00 14	9.20 13	9.50 10	9.70 5	9.80 3	10.00 2	11.00 2
1962	13.00 30	13.00 30	14.00 30	16.00 30	19.00 33	19.00 30	22.00 33	23.00 31	27.00 28
1963	8.00 16	8.20 13	8.60 12	9.80 17	12.00 21	15.00 25	15.00 25	17.00 26	20.00 22
1964	7.50 13	7.70 9	7.90 8	8.60 8	9.20 9	9.40 4	10.00 4	10.00 3	12.00 3
1965	10.00 26	12.00 26	12.00 24	13.00 25	13.00 22	15.00 26	15.00 26	15.00 20	16.00 19
1966	14.00 32	16.00 33	17.00 33	18.00 33	18.00 30	19.00 31	21.00 30	24.00 33	34.00 34
1967	8.80 18	9.00 17	9.20 18	9.50 14	11.00 17	12.00 15	13.00 18	15.00 21	15.00 13
1968	9.00 19	10.00 21	11.00 21	11.00 19	11.00 18	12.00 16	12.00 12	13.00 14	15.00 14
1969	7.50 14	8.70 15	9.00 15	9.50 15	10.00 13	10.00 6	10.00 5	11.00 4	13.00 6
1970	8.00 15	10.00 22	12.00 25	13.00 26	13.00 23	14.00 23	14.00 22	16.00 25	26.00 26
1971	15.00 33	17.00 34	18.00 34	19.00 34	21.00 35	22.00 34	23.00 34	23.00 32	29.00 30

09343000 RIO BLANCO NEAR PAGOSA SPRINGS, 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	23.0	17.0	14.5	15.6	33.1	129	283	282	94.2	55.7	39.7
2012	170	51.3	18.8	17.8	254	2875	13740	33320	8269	1837	1398
44.9	13.0	7.16	6.34	4.22	15.9	53.6	117	183	90.9	42.9	37.4
4.75	1.73	1.86	1.02	0.78	1.10	0.50	1.03	1.24	2.26	1.62	2.85
1.27	0.57	0.42	0.30	0.27	0.48	0.42	0.41	0.65	0.97	0.77	0.94
3.45	2.25	1.66	1.42	1.52	3.24	12.6	27.7	27.6	9.22	5.46	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)											
1.41	1.31	1.20	1.14	1.18	1.48	2.07	2.42	2.37	1.83	1.64	1.46
0.10	0.04	0.02	0.01	0.01	0.04	0.04	0.03	0.07	0.11	0.09	0.12
0.32	0.21	0.15	0.12	0.02	0.19	0.19	0.18	0.27	0.34	0.30	0.35
0.82	0.72	0.91	0.43	0.05	0.40	-0.25	-0.30	0.20	0.53	0.38	0.13
0.23	0.16	0.13	0.11	0.10	0.13	0.09	0.08	0.11	0.18	0.18	0.24
7.21	6.71	6.16	5.87	6.04	7.56	10.6	12.4	12.1	9.40	8.42	7.49

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
84.2	937	30.6	0.80	0.36	0.002

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.90	0.02	0.15	0.23	0.08	-0.030

09343500 RITO BLANCO NEAR PAGOSA SPRINGS, COLO.

LOCATION.--Lat 37°11'37", long 106°54'17", in SE¼SW¼ sec.12, T.34 N., R.1 W., Archuleta County, on left bank 130 ft (40 m) downstream from county highway bridge, 470 ft (143 m) upstream from Sheep Cabin Creek, and 8 mi (13 km) southeast of Pagosa Springs.

DRAINAGE AREA.--23.3 mi² (60.3 km²).

REMARKS.--Diversions above station for irrigation of about 150 acres (607,000 m²) above station and about 600 acres (2.43 km²) in adjoining drainage basins.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RITO BLANCO NEAR PAGOSA SPRINGS, 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																																						
1936				4	1	3	23	7	23	66	56	26	15	11	13	8	18	15	15	4	2	6	15	8	3	11	13											
1937			2	13	6	3	8	16	9	39	35	21	23	15	13	11	31	13	14	10	2	4	10	9	4	10	6	17	21									
1938					10	2	14	39	27	54	29	16	7	7	9	9	12	15	16	7	8	13	11	9	12	12	14	4										
1939	10	11	6	7	12	2	10	31	35	77	21	21	8	5	9	6	3	4	3	13	25	19	15	9	3													
1940	2	2	13	23	38	15	38	50	35	27	11	4	7	2	4	9	3	7	13	5	9	12	13	15	6	2	1											
1941		1	4	3	2	1	6	17	26	52	37	20	15		5	12	14	5	14	20	12	8	9	9	6	15	9	15	17	6	3	2						
1942					3	10	15	10	15	9	10	14	26	25	34	13	11	17	16	9	4	8	13	15	20	52	5	5	5	1								
1943	13	1	1		5	38	8	71	13	51	30	21	6	5	1	3	2	5	6	17	3	21	13	10	14	7												
1944	9	4	8	7	19	4	8	56	82	19	8	20	11	5	5	2	1	5	7	4	4	10	14	14	9	19	5	4	3									
1945			15	10	4	2	3	19	61	96	13	24	8	6	2	6	3	4	6	5	4	4	2	11	13	18	10	12	2	2								
1946		3	19		8	9	35	56	32	46	21	25	13	14	13	19	13	7	11	7	4	5	5															
1947		17	6	4	13		15	3	7	40	5	86	14	12	37	11	12	10	11	12	14	14	7	7	8													
1948	24	18	5	2	15	2	12	3	10	41	66	38	12	3	4	7	3	9	6	5	7	5	8	15	27	4	7											
1949		9	32	4	13	2	8	44	44	24	26	4	2	8	9	18	6	10	11	5	5	5	5	9	11	28	19	4										
1950	45	8	9	9	11	3	5	16	11	65	55	21	9	6	4	5	7	17	12	7	9	17	7	3	4													
1951	116	39	43	4	5	4	5	25	7	9	3	1	8	25	15	2	2	9	7	5	7	5	12	3	4													
1952	62	18	10	8	5	4	7	23	60	55	5	2	1	5	1	3	3	5	3	2	1	4	5	7	16	17	1	17	12	4								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	281	6210	100.0	12	3.2	196	2511	40.4	24	64	150	633	10.1
1	0.10	131	5929	95.5	13	4.2	158	2315	37.3	25	82	210	483	7.7
2	0.20	173	5798	93.4	14	5.3	176	2157	34.7	26	110	83	273	4.3
3	0.30	94	5625	90.6	15	6.8	149	1981	31.9	27	130	108	190	3.0
4	0.40	173	5531	89.1	16	8.8	131	1832	29.5	28	170	64	82	1.3
5	0.60	102	5358	86.3	17	11.0	157	1701	27.4	29	220	13	18	.2
6	0.70	200	5256	84.6	18	14.0	170	1544	24.9	30	280	3	5	
7	0.90	502	5056	81.4	19	18.0	157	1374	22.1	31	360	2	2	
8	1.20	481	4554	73.3	20	24.0	121	1217	19.6	32				
9	1.50	727	4073	65.6	21	30.0	151	1096	17.6	33				
10	2.00	441	3346	53.9	22	39.0	157	945	15.2	34				
11	2.50	394	2905	46.8	23	50.0	155	788	12.7					

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
RITO BLANCO NEAR PAGOSA SPRINGS, CO.

YEAR	1	3	7	15	30	60	90	120	183
1936	162.0 9	150.0 9	140.0 9	135.0 8	123.0 5	87.0 10	64.0 10	50.0 10	35.0 10
1937	210.0 6	207.0 4	199.0 3	190.0 2	167.0 2	142.0 2	107.0 2	84.0 2	57.0 2
1938	200.0 7	194.0 6	168.0 7	142.0 5	119.0 6	109.0 4	86.0 5	69.0 5	47.0 4
1939	68.0 16	64.0 16	62.0 16	56.0 14	47.0 14	39.0 13	33.0 13	26.0 13	17.0 13
1940	118.0 11	97.0 11	76.0 12	62.0 13	56.0 12	46.0 12	36.0 12	28.0 12	19.0 12
1941	368.0 1	341.0 1	299.0 1	252.0 1	212.0 1	171.0 1	135.0 1	108.0 1	75.0 1
1942	277.0 2	193.0 7	170.0 5	139.0 7	118.0 7	104.0 6	91.0 4	70.0 4	47.0 5
1943	94.0 12	91.0 12	86.0 11	80.0 11	68.0 11	51.0 11	44.0 11	34.0 11	23.0 11
1944	215.0 5	206.0 5	169.0 6	141.0 6	116.0 8	88.0 9	69.0 9	54.0 9	36.0 9
1945	240.0 3	218.0 3	183.0 4	158.0 4	133.0 4	109.0 5	83.0 6	64.0 6	43.0 7
1946	44.0 17	43.0 17	40.0 17	34.0 17	25.0 17	17.0 17	14.0 17	11.0 17	7.8 17
1947	74.0 15	71.0 15	69.0 13	62.0 12	50.0 13	37.0 14	28.0 14	23.0 14	16.0 14
1948	165.0 8	153.0 8	141.0 8	115.0 9	104.0 9	93.0 8	72.0 8	55.0 8	37.0 8
1949	156.0 10	147.0 10	128.0 10	108.0 10	104.0 10	100.0 7	82.0 7	64.0 7	44.0 6
1950	76.0 14	75.0 13	65.0 14	53.0 15	43.0 16	30.0 15	25.0 15	19.0 15	13.0 15
1951	79.0 13	74.0 14	64.0 15	52.0 16	44.0 15	28.0 16	21.0 16	16.0 16	11.0 16
1952	234.0 4	227.0 2	199.0 2	181.0 3	136.0 3	133.0 3	105.0 3	80.0 3	53.0 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
RITO BLANCO NEAR PAGOSA SPRINGS, CO.

YEAR	1	3	7	14	30	60	90	120	183
1937	0.40 14	0.40 14	0.67 14	1.00 15	1.60 15	1.80 14	2.20 15	4.10 15	4.30 15
1938	0.20 12	0.27 13	0.29 12	0.30 9	0.69 11	1.10 10	1.10 8	1.19 8	1.30 8
1939	0.70 15	0.80 16	0.99 16	1.00 16	1.10 12	1.30 12	1.40 11	1.60 12	2.40 13
1940	0.00 1	0.00 1	0.03 6	0.05 5	0.23 4	0.42 4	0.65 4	0.70 4	0.94 4
1941	0.00 2	0.03 8	0.13 9	0.34 10	0.59 10	0.91 8	1.19 9	1.30 9	1.50 10
1942	0.10 9	0.17 11	0.21 11	0.49 13	3.30 16	4.00 16	4.70 16	6.30 16	21.00 16
1943	0.00 3	0.00 2	0.00 1	0.20 7	0.56 9	0.79 7	0.89 5	1.10 7	1.10 5
1944	0.00 4	0.00 3	0.09 7	0.36 11	0.42 8	0.70 5	0.92 7	0.98 5	1.10 6
1945	0.00 5	0.00 4	0.00 2	0.04 4	0.29 5	0.97 9	1.19 10	1.30 10	1.40 9
1946	0.10 10	0.10 9	0.20 10	0.23 8	0.36 7	0.71 6	0.89 6	1.10 6	1.10 7
1947	0.20 13	0.20 12	0.31 13	0.47 12	1.10 13	1.19 11	1.70 12	1.60 11	2.20 12
1948	0.10 11	0.10 10	0.10 8	0.16 6	0.35 6	2.00 15	2.00 14	2.20 14	2.70 14
1949	0.00 6	0.00 5	0.00 3	0.00 1	0.02 3	0.10 3	0.19 2	0.34 3	0.57 3
1950	0.70 16	0.77 15	0.81 15	1.00 14	1.60 14	1.80 13	1.90 13	1.90 13	2.00 11
1951	0.00 7	0.00 6	0.00 4	0.00 2	0.00 1	0.04 1	0.09 1	0.10 1	0.14 1
1952	0.00 8	0.00 7	0.00 5	0.00 3	0.00 2	0.04 2	0.20 3	0.19 2	0.45 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,SKWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
5.95	3.35	2.27	1.64	1.74	6.50	53.3	84.6	48.8	7.20	2.94	2.39
302	30.9	6.27	1.60	0.54	12.6	852	2599	1656	148	13.2	8.78
17.4	5.56	2.50	1.26	0.74	3.55	29.2	51.0	40.7	12.2	3.63	2.96
4.08	3.21	3.14	2.87	1.58	0.88	0.54	0.48	0.81	3.25	2.14	1.59
2.92	1.66	1.10	0.77	0.42	0.55	0.55	0.60	0.83	1.69	1.23	1.24
2.70	1.52	1.03	0.74	0.79	2.94	24.1	38.3	22.1	3.26	1.33	1.08

STATISTICS ON LDG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.10	0.20	0.20	0.11	0.21	0.75	1.65	1.83	1.50	0.47	0.11	-0.10
0.59	0.31	0.14	0.11	0.03	0.06	0.07	0.12	0.20	0.36	0.57	0.82
0.77	0.56	0.37	0.34	0.16	0.24	0.27	0.34	0.45	0.60	0.76	0.90
-0.31	-0.37	-0.15	-1.30	0.65	-0.08	-0.62	-1.02	-0.21	0.20	-1.72	-1.36
7.60	2.85	1.86	2.99	0.77	0.32	0.17	0.19	0.30	1.27	6.99	-9.20
1.44	2.80	2.85	1.59	2.99	10.7	23.5	25.9	21.4	6.70	1.54	-1.39

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWNESS	COEFF. OF VARIATION	SERIAL CORR
18.4	104	10.2	0.38	0.55	0.116

STATISTICS ON LDG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWNESS	COEFF. OF VARIATION	SERIAL CORR
1.19	0.08	0.28	-0.48	0.24	0.095

09344000 NAVAJO RIVER AT BANDED PEAK RANCH, NEAR CHROMO, COLO.

LOCATION.--Lat 37°05'07", long 106°41'20", in NW¼ sec.24, T.33 N., R.2 E., Archuleta County, on left bank at downstream side of private bridge on Banded Peak Ranch, 0.5 mi (0.8 km) downstream from Aspen Creek, 4.0 mi (6.4 km) downstream from East Fork, and 9 mi (14 km) northeast of Chromo.

DRAINAGE AREA.--69.8 mi² (181 km²).

REMARKS.--Diversions for irrigation of about 430 acres (1.74 km²) above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
NAVAJO R AT BANDED PEAK RANCH, NEAR CHROMO, 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		
1938								4	20	82	39	25	9	19	15	19	20	9	11	4	9	3	6	3	4	4	2	16	14	10	10	8					
1939					3	4	20	82	57	21	29	16	16	10	12	6	13	11	7	4	5	9	4	12	13	11											
1940			1	5	4	30	48	36	27	32	27	24	14	8	3	22	9	5	12	8	4	6	7	9	10	9	6										
1941					2	4	3	6	52	54	37	21	14	18	12	9	5	8	10	7	7	7	2	3	4	2	8	7	9	12	27	8	6	1			
1942										19	17	32	38	64	12	18	12	8	9	14	8	20	14	12	13	13	9	3	8	21	1						
1943					2	5	1	71	80	22	24	11	8	18	9	9	3	4	3	7	8	23	11	15	9	15	3	4									
1944					1	21	87	46	45	13	11	7	12	13	7	6	18	6	5	1	2	1	2	6	5	9	4	21	16	1							
1945								8	51	107	34	19	5	8	10	9	16	13	5	2	3	5	5	2	9	4	19	17	9	5							
1946						1	6	53	55	65	47	34	12	13	9	3	1	7	5	10	13	13	6	4	5	2	1										
1947										21	28	73	35	33	19	24	23	13	6	14	9	2	11	7	11	9	12	9	5	1							
1948										30	88	44	35	31	7	15	9	6	6	6	5	1	5	13	6	6	15	8	7	8	9	6					
1949										9	9	2	6	16	49	48	27	33	20	9	10	5	2	3	11	7	4	4	7	14	19	15	14	7	7	2	2
1950																																					
1951																																					
1952																																					
1953																																					
1954																																					
1955																																					
1956																																					
1957																																					
1958																																					
1959																																					
1960																																					
1961																																					
1962																																					
1963																																					
1964																																					
1965																																					
1966																																					
1967																																					
1968																																					
1969																																					
1970																																					
1971																																					
1972																																					
1973																																					
1974																																					
1975																																					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.0	0	13879	100.00	12	42.0	873	6883	49.59	24	240.0	320	1758	12.67
1	8.4	1	13879	100.00	13	49.0	603	6010	43.30	25	280.0	331	1438	10.36
2	9.7	4	13878	99.99	14	56.0	640	5407	38.96	26	330.0	220	1107	7.98
3	11.0	16	13874	99.96	15	65.0	498	4767	34.35	27	380.0	244	887	6.39
4	13.0	24	13858	99.85	16	76.0	412	4269	30.76	28	440.0	195	643	4.63
5	15.0	95	13834	99.68	17	88.0	305	3857	27.79	29	510.0	161	448	3.23
6	17.0	383	13739	98.99	18	100.0	382	3552	25.59	30	590.0	129	287	2.07
7	20.0	817	13356	96.23	19	120.0	323	3170	22.84	31	680.0	96	158	1.14
8	23.0	1389	12539	90.35	20	140.0	301	2847	20.51	32	790.0	41	62	0.45
9	27.0	1653	11150	80.34	21	160.0	207	2546	18.34	33	920.0	20	21	0.15
10	31.0	1520	9497	68.43	22	180.0	320	2339	16.85	34	1100.0	1	1	0.01
11	36.0	1094	7977	57.48	23	210.0	261	2019	14.55					

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

DISCHARGE-(CFS)

MEAN
NAVAJO R AT BANDED PEAK RANCH, NEAR CHROMO, CO.

YEAR	1	3	7	15	30	60	90	120	183
1938	744.00 9	722.00 8	710.00 8	677.00 8	605.00 8	481.00 8	413.00 6	332.00 8	242.00 8
1939	415.00 30	410.00 28	386.00 28	368.00 25	349.00 20	293.00 20	235.00 20	191.00 20	140.00 24
1940	419.00 29	407.00 29	382.00 29	342.00 26	326.00 25	260.00 24	208.00 24	172.00 26	128.00 25
1941	1180.00 1	1080.00 1	1030.00 1	932.00 1	832.00 1	736.00 1	620.00 1	502.00 1	354.00 1
1942	680.00 11	660.00 11	645.00 9	640.00 9	611.00 7	473.00 9	408.00 7	343.00 6	245.00 6
1943	462.00 25	454.00 24	425.00 23	380.00 23	296.00 27	285.00 21	258.00 19	218.00 19	160.00 20
1944	680.00 12	657.00 12	618.00 11	599.00 10	572.00 10	513.00 7	393.00 10	317.00 9	223.00 10
1945	620.00 13	613.00 13	554.00 14	517.00 14	488.00 12	451.00 11	358.00 11	293.00 12	210.00 12

09344000 NAVAJO RIVER AT BANDED PEAK RANCH, NEAR CHROMO, 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
NAVAJO R AT BANDED PEAK RANCH, NEAR CHROMO, CO.

YEAR	1	3	7	15	30	60	90	120	183
1946	399.00 31	378.00 31	341.00 32	270.00 33	214.00 37	198.00 34	157.00 36	129.00 36	99.00 35
1947	450.00 26	421.00 27	390.00 27	331.00 27	297.00 26	269.00 23	218.00 23	180.00 23	141.00 23
1948	620.00 14	605.00 14	567.00 12	520.00 13	502.00 11	393.00 13	329.00 13	265.00 14	187.00 14
1949	720.00 10	680.00 10	619.00 10	563.00 11	478.00 13	404.00 12	357.00 12	300.00 11	213.00 11
1950	282.00 36	273.00 36	258.00 37	251.00 36	228.00 35	214.00 30	183.00 29	152.00 30	111.00 31
1951	520.00 20	483.00 21	408.00 25	324.00 29	274.00 30	205.00 32	159.00 34	130.00 35	98.00 36
1952	892.00 5	878.00 4	803.00 5	748.00 5	648.00 5	564.00 4	468.00 4	389.00 4	275.00 4
1953	508.00 22	470.00 22	431.00 21	410.00 18	376.00 19	255.00 25	205.00 26	173.00 25	127.00 26
1954	310.00 35	300.00 35	285.00 34	268.00 34	251.00 33	210.00 31	175.00 31	146.00 31	110.00 32
1955	475.00 24	453.00 25	392.00 26	330.00 28	290.00 29	239.00 28	185.00 28	153.00 29	116.00 29
1956	484.00 23	460.00 23	432.00 20	375.00 24	330.00 23	255.00 26	206.00 25	170.00 27	124.00 27
1957	973.00 4	950.00 3	921.00 3	790.00 3	775.00 3	603.00 3	480.00 3	405.00 3	293.00 3
1958	882.00 6	847.00 5	812.00 4	769.00 4	673.00 4	526.00 6	402.00 9	316.00 10	227.00 9
1959	343.00 34	308.00 34	283.00 35	264.00 35	230.00 34	191.00 36	152.00 37	125.00 37	96.00 37
1960	525.00 18	498.00 19	482.00 17	450.00 17	418.00 16	337.00 16	312.00 15	260.00 15	184.00 15
1961	435.00 27	430.00 26	423.00 24	405.00 19	345.00 22	295.00 19	234.00 21	190.00 21	148.00 21
1962	525.00 19	513.00 18	482.00 18	398.00 20	380.00 17	350.00 15	308.00 16	249.00 16	178.00 16
1963	369.00 32	360.00 32	345.00 31	319.00 30	269.00 31	196.00 35	167.00 32	138.00 33	105.00 33
1964	540.00 17	532.00 17	512.00 16	466.00 16	347.00 21	230.00 29	176.00 30	156.00 28	117.00 28
1965	840.00 7	823.00 6	777.00 6	684.00 7	575.00 9	473.00 10	407.00 8	337.00 7	245.00 7
1966	515.00 21	497.00 20	467.00 19	393.00 22	378.00 18	321.00 17	269.00 17	224.00 18	164.00 18
1967	430.00 28	396.00 30	361.00 30	304.00 31	295.00 28	247.00 27	200.00 27	178.00 24	145.00 22
1968	586.00 16	552.00 16	545.00 15	479.00 15	433.00 15	313.00 18	262.00 18	228.00 17	169.00 17
1969	592.00 15	586.00 15	560.00 13	521.00 12	455.00 14	369.00 14	317.00 14	270.00 13	205.00 13
1970	1030.00 3	703.00 9	429.00 22	394.00 21	329.00 24	280.00 22	223.00 22	183.00 22	160.00 19
1971	270.00 37	267.00 37	258.00 36	244.00 37	221.00 36	179.00 37	159.00 33	141.00 32	112.00 30
1972	210.00 38	198.00 38	190.00 38	177.00 38	170.00 38	146.00 38	123.00 38	108.00 38	83.00 38
1973	1040.00 2	1010.00 2	947.00 2	805.00 2	798.00 2	693.00 2	553.00 2	440.00 2	308.00 2
1974	356.00 33	343.00 33	314.00 33	276.00 32	260.00 32	202.00 33	157.00 35	134.00 34	104.00 34
1975	815.00 8	780.00 7	747.00 7	690.00 6	643.00 6	554.00 5	453.00 5	365.00 5	256.00 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
NAVAJO R AT BANDED PEAK RANCH, NEAR CHROMO, CO.

YEAR	1	3	7	14	30	60	90	120	183
1938	20.00 24	20.00 20	23.00 25	25.00 24	25.00 21	27.00 23	28.00 26	28.00 20	31.00 23
1939	18.00 18	20.00 21	22.00 21	25.00 25	26.00 27	27.00 24	27.00 23	28.00 21	38.00 31
1940	12.00 5	13.00 4	14.00 4	16.00 4	17.00 3	19.00 4	19.00 3	21.00 8	25.00 8
1941	15.00 14	16.00 13	20.00 17	25.00 26	29.00 31	29.00 31	30.00 29	31.00 29	36.00 29
1942	42.00 38	43.00 38	45.00 38	45.00 38	46.00 38	50.00 38	52.00 38	54.00 38	84.00 38
1943	16.00 15	16.00 14	17.00 13	21.00 16	23.00 19	24.00 18	25.00 17	26.00 16	29.00 17
1944	18.00 19	19.00 18	21.00 18	21.00 17	22.00 16	23.00 14	23.00 13	24.00 14	27.00 14
1945	26.00 35	26.00 34	28.00 35	29.00 35	30.00 34	31.00 32	31.00 32	32.00 30	33.00 24
1946	19.00 22	21.00 22	23.00 22	24.00 21	25.00 22	25.00 19	26.00 20	27.00 17	28.00 15
1947	26.00 36	26.00 35	26.00 32	26.00 27	26.00 23	28.00 29	30.00 30	32.00 31	34.00 27
1948	25.00 32	25.00 31	26.00 33	26.00 28	27.00 28	27.00 25	28.00 24	29.00 25	35.00 28
1949	11.00 4	12.00 3	12.00 1	12.00 1	15.00 1	20.00 9	22.00 9	23.00 10	26.00 13
1950	21.00 27	21.00 23	21.00 19	22.00 18	23.00 17	24.00 15	25.00 18	28.00 22	30.00 18
1951	14.00 8	15.00 9	16.00 6	17.00 5	18.00 8	19.00 5	20.00 7	20.00 1	22.00 3
1952	15.00 9	17.00 15	18.00 14	20.00 14	21.00 12	22.00 12	22.00 10	23.00 11	25.00 9
1953	13.00 6	14.00 5	17.00 7	18.00 8	21.00 13	22.00 13	23.00 14	24.00 12	26.00 10
1954	15.00 10	15.00 6	17.00 8	19.00 12	19.00 11	21.00 10	22.00 11	22.00 9	23.00 6
1955	15.00 11	16.00 10	17.00 9	18.00 9	18.00 9	19.00 6	19.00 4	20.00 2	22.00 4
1956	10.00 2	11.00 2	13.00 2	16.00 2	17.00 4	19.00 7	20.00 8	20.00 3	22.00 5
1957	15.00 12	16.00 11	17.00 10	18.00 10	19.00 10	19.00 8	19.00 5	20.00 4	21.00 1
1958	30.00 37	31.00 37	32.00 37	33.00 37	34.00 37	37.00 37	38.00 37	40.00 37	44.00 35
1959	20.00 25	22.00 25	22.00 20	23.00 19	23.00 18	24.00 16	25.00 15	27.00 18	30.00 19
1960	10.00 3	15.00 7	15.00 5	16.00 3	16.00 2	17.00 1	18.00 1	20.00 5	30.00 20
1961	8.40 1	9.50 1	14.00 3	17.00 6	18.00 5	19.00 2	19.00 2	20.00 6	22.00 2
1962	20.00 26	22.00 26	25.00 26	26.00 29	28.00 29	29.00 30	31.00 31	32.00 32	37.00 30
1963	17.00 16	18.00 16	20.00 15	20.00 13	22.00 14	25.00 20	27.00 21	29.00 26	33.00 25
1964	15.00 13	16.00 12	17.00 11	18.00 11	18.00 6	19.00 3	20.00 6	21.00 7	24.00 7
1965	19.00 23	21.00 24	23.00 23	23.00 20	24.00 20	24.00 17	25.00 16	25.00 15	26.00 11
1966	26.00 33	28.00 36	29.00 36	30.00 36	31.00 36	33.00 36	35.00 35	38.00 35	49.00 36
1967	18.00 20	19.00 17	20.00 16	21.00 15	22.00 15	25.00 21	28.00 25	29.00 27	30.00 21
1968	22.00 28	23.00 27	25.00 27	26.00 30	26.00 24	27.00 25	27.00 22	28.00 23	31.00 22
1969	19.00 21	23.00 28	25.00 28	25.00 22	26.00 25	26.00 22	26.00 19	27.00 19	29.00 16
1970	17.00 17	20.00 19	23.00 24	25.00 23	26.00 26	28.00 27	29.00 27	30.00 28	41.00 33
1971	22.00 29	24.00 29	26.00 34	28.00 34	30.00 35	32.00 35	32.00 33	33.00 33	40.00 32
1972	24.00 31	25.00 32	25.00 29	27.00 31	29.00 32	31.00 33	34.00 34	37.00 34	42.00 34
1973	22.00 30	24.00 30	25.00 30	27.00 32	29.00 33	32.00 34	36.00 36	39.00 36	66.00 37
1974	26.00 34	26.00 33	26.00 31	27.00 33	28.00 30	28.00 28	29.00 28	29.00 24	34.00 26
1975	14.00 7	15.00 8	17.00 12	17.00 7	18.00 7	21.00 11	23.00 12	24.00 13	26.00 12

09344000 NAVAJO RIVER AT BANDED PEAK RANCH, NEAR CHROMO, 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)											
46.50	34.30	28.90	26.50	27.40	40.40	130.00	317.00	343.00	128.00	65.60	48.90
1205.00	208.00	74.00	49.10	38.00	128.00	3429.00	14960.00	35710.00	12330.00	1038.00	879.00
34.70	14.40	8.60	7.01	6.17	11.30	58.60	122.00	189.00	111.00	32.20	29.60
3.27	1.94	1.78	1.85	0.47	0.51	0.84	1.28	0.77	1.73	1.67	2.85
0.75	0.42	0.30	0.26	0.23	0.28	0.45	0.39	0.55	0.87	0.49	0.61
3.76	2.77	2.33	2.14	2.21	3.26	10.50	26.70	27.70	10.40	5.30	3.95

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)											
1.60	1.51	1.44	1.41	1.43	1.59	2.07	2.47	2.47	1.99	1.78	1.64
0.04	0.02	0.01	0.01	0.01	0.01	0.04	0.03	0.06	0.10	0.04	0.04
0.21	0.16	0.11	0.10	0.10	0.12	0.19	0.16	0.24	0.31	0.19	0.20
1.56	0.78	0.78	0.83	-0.19	0.19	0.11	0.16	0.06	0.72	0.49	0.84
0.13	0.10	0.08	0.07	0.07	0.08	0.09	0.06	0.10	0.16	0.11	0.12
7.50	7.04	6.75	6.59	6.67	7.43	9.69	11.60	11.50	9.29	8.30	7.65

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
103.00	1313.00	36.2	0.85	0.35	-0.105

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.99	0.02	0.15	0.33	0.07	-0.122

09344300 NAVAJO RIVER ABOVE CHROMO, COLO.

LOCATION.--Lat 37°01'55", long 106°43'56", in NE¼NE¼ sec.9, T.32 N., R.2 E., Archuleta County, on right bank 6 mi (10 km) east of Chromo and 7 mi (11 km) upstream from Little Navajo River.

DRAINAGE AREA.--96.4 mi² (249.7 km²).

REMARKS.--Diversion above station for irrigation of about 750 acres (3.04 km²) above and 250 acres (1.01 km²) below station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENOING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NAVAJO RIVER ABOVE CHROMO, 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																																			
1957								1	23	100	43	6	6	4	11	13	5	3	4	10	7	8	14	19	11	15	9	5	6	2	9	11	15	3	2
1958													43	56	104	36	28	7	2	6	2	3	5	3	2	6	4	14	5	12	7	14	6		
1959								1	2	8	69	51	86	34	11	14	14	8	8	5	9	8	8	6	13	7	3								
1960							1	11	19	51	43	24	17	14	22	28	15	6	8	4	4	7	13	9	5	11	15	17	18	4					
1961							1	10	57	62	22	20	15	29	24	12	14	17	9	3	2	10	10	12	11	9	13	3							
1962	1	1				1	1		1	6	67	44	65	39	20	10	7	3	3	9	4	3	3	9	17	15	18	10	6	2					
1963								1	4	19	35	60	68	40	31	11	5	4	12	11	9	7	11	11	5	7	11	3							
1964								9	19	73	55	38	29	24	12	11	8	15	7	13	8	5	8	2	5	1	3	7	6						
1965										21	119	38	2	3	17	13	19	4	4	6	10	4	7	11	9	8	9	12	23	8	9	6	3		
1966											9	37	58	55	25	24	25	16	7	5	8	11	8	16	10	16	13	13	8	1					
1967								1		5	62	65	15	12	10	11	23	36	37	16	7	9	9	13	9	8	11	5	1						
1968									1	73	54	40	29	14	14	10	18	15	12	4	7	12	13	10	5	7	6	11	11						
1969									1	1	87	39	37	13	3	6	25	13	11	12	10	9	10	8	14	15	17	10	14	10					
1970										2	19	42	38	33	22	39	35	26	16	7	11	8	3	9	16	9	13	8	6	1	1				1

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5113	100.0	12	36.0	503	3441	67.3	24	240	127	793	15.5
1	6.30	1	5113	100.0	13	42.0	397	2938	57.5	25	280	140	666	13.0
2	7.50	1	5112	100.0	14	49.0	350	2541	49.7	26	320	137	526	10.2
3	8.80	0	5111	100.0	15	57.0	264	2191	42.9	27	380	127	389	7.6
4	10.00	0	5111	100.0	16	67.0	234	1927	37.7	28	440	112	262	5.1
5	12.00	1	5111	100.0	17	79.0	177	1693	33.1	29	520	61	150	2.9
6	14.00	2	5110	99.9	18	92.0	151	1516	29.6	30	600	28	89	1.7
7	16.00	25	5108	99.9	19	110.0	119	1365	26.7	31	710	31	61	1.1
8	19.00	78	5083	99.4	20	130.0	101	1246	24.4	32	830	24	30	.5
9	22.00	339	5005	97.9	21	150.0	92	1145	22.4	33	970	3	6	.1
10	26.00	682	4666	91.3	22	170.0	121	1053	20.6	34	1100	3	3	
11	31.00	543	3984	77.9	23	200.0	139	932	18.2					

09344300 NAVAJO RIVER ABOVE CHROMO, 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
NAVAJO RIVER ABOVE CHROMO, CO.

YEAR	1	3	7	15	30	60	90	120	183
1957	1140.0 1	1110.0 1	1050.0 1	897.0 1	881.0 1	692.0 1	553.0 1	468.0 1	343.0 1
1958	934.0 3	922.0 2	887.0 2	845.0 2	755.0 2	598.0 2	467.0 2	366.0 3	262.0 3
1959	350.0 14	338.0 14	311.0 14	286.0 14	253.0 14	208.0 14	164.0 14	134.0 14	104.0 14
1960	575.0 8	559.0 8	526.0 8	485.0 7	443.0 7	369.0 6	351.0 5	294.0 5	207.0 5
1961	462.0 11	454.0 11	436.0 11	408.0 11	353.0 11	313.0 9	249.0 9	203.0 10	158.0 10
1962	609.0 5	595.0 5	561.0 5	472.0 8	457.0 6	399.0 5	350.0 6	286.0 6	203.0 6
1963	404.0 13	400.0 13	380.0 12	353.0 12	308.0 12	235.0 13	200.0 12	164.0 13	122.0 13
1964	574.0 9	557.0 9	530.0 7	494.0 6	373.0 9	258.0 11	196.0 13	169.0 12	127.0 12
1965	870.0 4	860.0 3	810.0 3	713.0 3	613.0 3	523.0 3	465.0 3	388.0 2	282.0 2
1966	524.0 10	498.0 10	473.0 9	410.0 10	395.0 8	340.0 8	303.0 7	258.0 7	188.0 7
1967	446.0 12	414.0 12	378.0 13	313.0 13	304.0 13	254.0 12	207.0 11	183.0 11	152.0 11
1968	595.0 6	579.0 7	561.0 6	521.0 5	467.0 5	351.0 7	282.0 8	250.0 8	187.0 8
1969	595.0 7	593.0 6	569.0 4	540.0 4	480.0 4	408.0 4	357.0 4	304.0 4	232.0 4
1970	1100.0 2	734.0 4	447.0 10	420.0 9	358.0 10	312.0 10	248.0 10	204.0 9	176.0 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
NAVAJO RIVER ABOVE CHROMO, CO.

YEAR	1	3	7	14	30	60	90	120	183
1958	38.00 13	38.00 13	39.00 13	39.00 13	40.00 13	42.00 13	44.00 13	46.00 13	50.00 12
1959	22.00 9	23.00 6	24.00 5	26.00 6	27.00 7	28.00 7	30.00 9	32.00 8	35.00 7
1960	14.00 2	15.00 2	17.00 1	18.00 1	21.00 1	21.00 1	22.00 1	25.00 3	36.00 9
1961	16.00 3	18.00 4	20.00 4	21.00 3	22.00 3	23.00 3	24.00 3	24.00 2	27.00 2
1962	24.00 10	27.00 11	30.00 11	32.00 11	34.00 11	34.00 11	37.00 11	38.00 11	43.00 10
1963	6.40 1	9.00 1	19.00 3	22.00 4	24.00 4	26.00 4	29.00 7	31.00 7	35.00 8
1964	16.00 4	16.00 3	18.00 2	22.00 2	21.00 2	22.00 2	23.00 2	23.00 1	26.00 1
1965	20.00 7	23.00 7	25.00 6	25.00 5	26.00 5	27.00 5	27.00 4	27.00 4	29.00 3
1966	30.00 12	31.00 12	33.00 12	35.00 12	36.00 12	38.00 12	40.00 12	42.00 12	55.00 13
1967	18.00 5	22.00 5	26.00 7	27.00 7	27.00 6	29.00 8	30.00 8	33.00 9	33.00 4
1968	24.00 11	25.00 8	27.00 8	28.00 9	28.00 8	29.00 9	29.00 5	30.00 5	34.00 6
1969	20.00 6	25.00 9	27.00 9	27.00 8	28.00 9	28.00 6	29.00 6	30.00 6	33.00 5
1970	22.00 8	25.00 10	27.00 10	29.00 10	30.00 10	32.00 10	33.00 10	36.00 10	47.00 11

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
46.1	38.9	33.0	29.2	31.2	48.9	172	348	355	135	85.8	66.2
309	145	78.4	51.5	49.7	488	7238	11430	38430	15980	2314	1811
17.6	12.0	8.86	7.17	7.05	22.1	85.1	107	196	126	48.1	42.6
0.58	0.64	0.65	1.23	0.46	1.68	0.45	1.58	1.40	2.41	1.45	1.92
0.38	0.31	0.27	0.25	0.23	0.45	0.50	0.31	0.55	0.94	0.56	0.64
3.32	2.80	2.38	2.11	2.25	3.52	12.4	25.1	25.6	9.72	6.18	4.77

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.63	1.57	1.50	1.46	1.48	1.66	2.18	2.52	2.49	2.01	1.88	1.75
0.03	0.02	0.01	0.01	0.01	0.03	0.05	0.02	0.05	0.09	0.05	0.06
0.17	0.13	0.11	0.10	0.10	0.17	0.23	0.12	0.23	0.30	0.22	0.24
0.05	0.25	0.35	0.77	0.07	0.97	-0.07	0.45	-0.01	0.97	0.62	0.55
0.10	0.08	0.08	0.07	0.07	0.10	0.10	0.05	0.09	0.15	0.11	0.14
7.38	7.09	6.79	6.57	6.70	7.48	9.85	11.4	11.3	9.09	8.49	7.92

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
116	1116	33.4	0.51	0.29	-0.003

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.05	0.02	0.13	-0.05	0.06	-0.092

09345500 LITTLE NAVAJO RIVER AT CHROMO, COLO.

LOCATION.--Lat 37°02'44", long 106°50'33", in NE¼SE¼ sec.4, T.32 N., R.1 E., Archuleta County, on left bank 400 ft (122 m) upstream from bridge on U.S. Highway 84 at Chromo and 0.2 mi (0.3 km) upstream from mouth.

DRAINAGE AREA.--21.9 mi² (56.7 km²).

REMARKS.--Diversions above station for irrigation of about 600 acres (2.43 km²) above station and about 50 acres (202,000 m²) below.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LITTLE NAVAJO RIVER AT CHROMO, CO.

CLASS YEAR	NUMBER OF DAYS IN CLASS																																				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34		
1936		7	16	17	5	6	4	3	14	20	77	56	20	11	13	6	5	8	9	10	6	13	7	6	9	4	4	5	5								
1937			7	8	12	11	19	6	20	8	51	36	14	20	51	19	8	4	4	6	5	6	6	3	7	12	9	9	4								
1938	1	4	7	4	1	9	9	9	62	51	32	18	10	11	10	11	9	11	9	10	10	15	14	5	20	8	5										
1939	1	57	15	2	7	2	5	2	7	44	50	48	15	18	6	12	8	5	1	1	6	3	12	28	9	1											
1940	100	5	3	2	1	1	9	65	61	16	15	6	3	2	1	4	15	13	9	12	8	15															
1941					1	6	10	13	29	26	15	14	33	31	37	1	14	23	16	8	21	11	9	6	17	16	14	11									
1942																																					
1943	22	13		46		11	6	3	16	12	45	91	7	15	11	11	1	4	8	4	7	8	10	10	4												
1944		59	11	4				1	15	79	51	19	9	9	8	11	7	6	7	8	9	11	10	15	10	3	4										
1945		2	10	3	12	10	26	45	97	16	30	11	10	7	5	4	2	3	4	6	9	12	8	11	8	10	4										
1946	94	1	5		8	22	11	16	9	28	63	37	17	11	6	5	3	5	4	9	6	5															
1947	39		12	9	13	6	3	5	16	41	71	44	6	12	11	13	8	15	10	10	10	1	4	5													
1948		16	13	20	19	6	8	14	10	67	65	18	3	2	2	4	8	9	11	6	3	8	12	12	15	15											
1949			16	11	27	9	17	73	15	19	12	17	12	10	16	17	2	4	3	2	14	11	10	16	14	8	10										
1950	25	24	25	4	18	6	15	14	28	26	49	25	19	14	9	18	5	6	3	7	12	3	5	5													
1951	38	89	12	6	12	1	2	49	21	25	14	8	1	8	20	14	7	8	8	8	10	4															
1952		12	22	4	7	8	8	35	71	28	41	21	5	2	5	2	2	4	2	1	4	2	3	14	22	17	11	8	4	1							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	198	6210	100.0	12	3.1	322	2447	39.4	24	57	124	435	7.0
1	0.10	332	6012	96.8	13	3.9	186	2125	34.2	25	73	115	311	5.0
2	0.20	222	5680	91.5	14	5.0	203	1939	31.2	26	94	81	196	3.1
3	0.30	104	5458	87.9	15	6.4	234	1736	28.0	27	120	52	115	1.8
4	0.40	183	5354	86.2	16	8.1	113	1502	24.2	28	150	42	63	1.0
5	0.60	93	5171	83.3	17	10.0	127	1389	22.4	29	200	8	21	.3
6	0.70	115	5078	81.8	18	13.0	125	1262	20.3	30	250	11	13	.2
7	0.90	287	4963	79.9	19	17.0	124	1137	18.3	31	320	2	2	
8	1.20	357	4676	75.3	20	22.0	144	1013	16.3	32				
9	1.50	678	4319	69.5	21	28.0	133	869	14.0	33				
10	1.90	642	3641	58.6	22	35.0	143	736	11.9	34				
11	2.40	552	2999	48.3	23	45.0	158	593	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
LITTLE NAVAJO RIVER AT CHROMO, CO.

YEAR	1	3	7	15	30	60	90	120	183
1936	179.0 5	175.0 5	160.0 5	135.0 5	98.0 5	62.0 8	48.0 8	37.0 8	25.0 8
1937	240.0 2	220.0 2	200.0 2	168.0 2	148.0 2	105.0 3	74.0 4	58.0 4	39.0 4
1938	146.0 6	140.0 6	129.0 6	111.0 7	90.0 6	75.0 5	60.0 5	48.0 5	33.0 5
1939	78.0 12	66.0 12	57.0 12	55.0 12	50.0 12	46.0 11	33.0 11	25.0 11	17.0 11
1940	42.0 15	42.0 15	39.0 15	37.0 14	32.0 13	24.0 13	19.0 13	15.0 13	10.0 13
1941	326.0 1	320.0 1	308.0 1	283.0 1	225.0 1	159.0 1	122.0 1	97.0 1	67.0 1
1942	190.0 4	181.0 4	180.0 3	158.0 3	137.0 3	114.0 2	88.0 2	69.0 2	47.0 2
1943	82.0 11	73.0 11	69.0 11	66.0 11	54.0 11	39.0 12	29.0 12	22.0 12	16.0 12
1944	116.0 8	109.0 8	94.0 9	80.0 9	66.0 10	49.0 10	38.0 10	30.0 10	20.0 10
1945	136.0 7	133.0 7	125.0 7	112.0 6	90.0 7	68.0 6	50.0 6	38.0 7	26.0 7
1946	30.0 17	29.0 17	27.0 16	25.0 16	20.0 16	12.0 17	9.0 17	7.3 17	5.5 17
1947	74.0 13	48.0 14	47.0 14	36.0 15	25.0 15	17.0 15	13.0 15	11.0 15	8.5 15
1948	88.0 10	86.0 10	81.0 10	75.0 10	71.0 9	58.0 9	44.0 9	34.0 9	23.0 9
1949	108.0 9	103.0 9	97.0 8	86.0 8	81.0 8	63.0 7	50.0 7	39.0 6	27.0 6
1950	56.0 4	56.0 13	50.0 13	41.0 13	32.0 14	20.0 14	15.0 14	12.0 14	8.6 14
1951	33.0 16	30.0 16	26.0 17	21.0 17	19.0 17	15.0 16	12.0 16	9.1 16	6.3 16
1952	218.0 3	199.0 3	174.0 4	148.0 4	118.0 4	93.0 4	79.0 3	60.0 3	40.0 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 NAVAJO RIVER AT CHROMO, CO.

YEAR	1	3	7	14	30	60	90	120	183
1937	0.10 7	0.10 9	0.11 9	0.17 9	0.20 9	0.46 10	1.30 12	1.70 12	3.40 15
1938	0.30 13	0.30 13	0.30 13	0.41 13	0.53 12	0.77 12	0.93 9	1.30 10	1.50 9
1939	0.00 1	0.10 10	0.17 10	0.28 12	1.19 14	1.90 15	2.00 15	2.30 15	2.50 14
1940	0.00 2	0.07 5	0.09 5	0.09 5	0.10 5	0.15 5	0.21 5	0.73 8	1.10 7
1941	0.10 8	0.10 6	0.10 6	0.10 6	0.10 6	0.10 4	0.10 4	0.21 4	0.90 6
1942	1.80 16	1.80 16	1.90 16	2.00 15	3.10 16	4.70 16	5.70 16	7.00 16	12.00 16
1943	1.30 15	1.30 15	1.40 15	1.40 15	1.50 15	1.60 14	1.80 13	2.00 14	2.40 13
1944	0.10 9	0.10 7	0.10 7	0.10 7	0.14 7	0.36 9	0.45 8	0.70 7	1.19 8
1945	0.20 12	0.20 11	0.20 11	0.20 10	0.20 10	0.22 6	0.25 6	0.53 6	0.88 5

09346000 NAVAJO RIVER AT EDITH, COLO.--Continued

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NAVAJO RIVER AT EDITH, 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								4	3	13	49	66	21	10	12	9	13	9	7	15	14	10	13	6	3	8	3	9	27	12	16	3	7	2	1		
1942										3	31	22	45	18	6	24	40	15	13	8	17	14	12	7	7	11	16	16	24	6	4	5					
1943								11	4	74	51	36	41	15	15	4	5	7	3	2	18	25	8	15	14	8	5	4									
1944					4	36	56	41	36	27	23	15	6	4	10	8	5	5	9	13	5	1	5	13	10	24	10										
1945					6	10	16	106	47	30	9	12	9	15	9	15	9	5	8	2	4	6	7	9	13	15	13	9	5								
1946					3	12	57	38	41	44	53	18	13	10	7	8	14	9	20	9	5	3	1														
1947							2	44	34	45	53	32	29	18	16	14	9	10	13	7	9	16	9	3	1	1											
1948					8	14	8	39	44	63	38	17	16	11	7	3	5	6	7	19	4	17	18	17	5												
1949					11	28	72	58	19	23	8	11	5	6	10	3	5	7	5	11	15	12	21	21	10	1	1	2									
1950					6	9	60	27	60	28	37	16	20	11	5	2	5	21	16	11	11	20															
1951					2	6	26	57	75	41	21	19	21	15	7	9	8	5	6	4	10	11	11	5	1	3	2										
1952					1	3	23	58	65	42	11	7	1	11	6	7	7	10	5	7	2	6	6	14	16	14	11	9	9	15							
1953		3	3	2	4	12	17	12	25	54	69	12	13	13	13	23	15	12	12	6	9	4	4	6	12	10											
1954					1	5	6	27	55	40	49	24	29	11	17	13	10	7	5	8	12	13	25	7	1												
1955					1	3	8	43	112	23	22	9	23	18	14	9	8	8	9	6	12	12	17	5	2	1											
1956					3	16	28	39	90	33	25	8	10	6	8	2	4	10	13	15	13	9	8	14	6	5	1										
1957					2	4	8	62	48	14	14	9	7	18	11	7	8	8	7	5	14	10	14	23	13	6	6	10	13	14	7	3					
1958										1	12	36	75	55	40	18	21	9	8	7	7	2	2	3	6	12	6	9	24	10	2						
1959					2	4	6	19	17	70	104	38	9	12	12	10	11	9	16	8	12	6	6														
1960					1	5	18	58	47	20	14	29	16	23	14	9	1	6	3	15	8	5	13	16	29	13	3										
1961										12	86	42	20	20	30	23	10	15	19	8	6	7	9	8	12	19	6	13									
1962				3	1					6	14	12	73	54	49	22	11	7	5	7	4	6	7	12	15	15	13	8	9	12							
1963										4	18	19	70	77	40	24	14	5	8	6	8	17	21	11	13	10											
1964										8	68	67	30	32	17	19	14	15	9	14	8	14	11	13	2	6	2	3	8	6							
1965										49	92	33	6	10	12	9	7	7	11	7	12	11	5	7	5	17	25	12	10	14	4						
1966										3	24	36	58	43	25	26	26	10	2	5	9	14	16	21	19	13	11	4									
1967										15	42	58	21	18	24	13	40	44	19	8	8	11	12	12	10	8	2										
1968										22	71	73	27	18	5	14	10	20	13	9	5	17	19	6	7	7	12	10	1								
1969										1	10	31	111	16	9	10	23	11	8	10	13	7	10	7	19	20	14	17	15	3							
1970										1	2	43	39	61	25	33	42	25	11	7	9	5	14	17	12	4	10	3	1								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	16436	100.0	12	50.0	1343	9215	56.1	24	380	375	1870	11.3
1	8.00	3	16436	100.0	13	60.0	832	7872	47.9	25	440	432	1495	9.0
2	9.50	3	16433	100.0	14	70.0	764	7040	42.8	26	520	363	1063	6.4
3	11.00	2	16430	100.0	15	83.0	620	6276	38.2	27	620	259	700	4.2
4	13.00	21	16428	100.0	16	98.0	624	5656	34.4	28	730	234	441	2.6
5	16.00	61	16407	99.8	17	120.0	449	5032	30.6	29	870	98	207	1.2
6	18.00	155	16346	99.5	18	140.0	340	4563	27.9	30	1000	72	109	.6
7	22.00	557	16191	98.5	19	160.0	410	4243	25.8	31	1200	17	37	.2
8	26.00	1292	15634	95.1	20	190.0	505	3833	23.3	32	1400	15	20	.1
9	31.00	1579	14342	87.3	21	230.0	449	3328	20.2	33	1700	3	5	
10	36.00	1983	12763	77.7	22	270.0	489	2879	17.5	34	2000	2	2	
11	43.00	1565	10780	65.6	23	320.0	520	2390	14.5					

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

YEAR	1	3	7	15	30	60	90	120	183
1913	427.0	419.0	384.0	350.0	338.0	323.0	285.0	237.0	174.0
1915	1050.0	798.0	757.0	722.0	648.0	609.0	552.0	497.0	364.0
1916	798.0	743.0	714.0	663.0	629.0	605.0	567.0	533.0	430.0
1918	651.0	621.0	555.0	459.0	395.0	340.0	283.0	247.0	192.0
1921	2830.0	1690.0	1240.0	958.0	819.0	657.0	521.0	453.0	347.0
1922	1590.0	1550.0	1430.0	1160.0	931.0	826.0	663.0	541.0	384.0
1923	752.0	752.0	698.0	659.0	607.0	524.0	438.0	368.0	281.0
1925	448.0	448.0	429.0	409.0	379.0	359.0	338.0	293.0	226.0
1927	1150.0	963.0	790.0	740.0	712.0	548.0	508.0	451.0	359.0
1928	487.0	487.0	487.0	469.0	451.0	356.0	281.0	238.0	183.0
1936	805.0	797.0	780.0	754.0	680.0	548.0	425.0	354.0	265.0
1937	1580.0	1490.0	1280.0	1130.0	981.0	875.0	713.0	574.0	408.0
1938	1050.0	1010.0	931.0	838.0	737.0	674.0	592.0	483.0	348.0
1939	500.0	498.0	480.0	467.0	425.0	368.0	333.0	268.0	191.0
1940	528.0	510.0	468.0	419.0	389.0	325.0	269.0	222.0	162.0
1941	2000.0	1940.0	1730.0	1480.0	1210.0	1070.0	925.0	763.0	549.0
1942	1730.0	1300.0	1190.0	1100.0	875.0	792.0	717.0	584.0	408.0
1943	648.0	638.0	605.0	544.0	432.0	376.0	344.0	293.0	212.0
1944	860.0	790.0	744.0	700.0	676.0	621.0	492.0	410.0	288.0
1945	928.0	885.0	808.0	783.0	715.0	605.0	499.0	407.0	289.0
1946	410.0	385.0	335.0	270.0	219.0	208.0	176.0	145.0	113.0
1947	620.0	573.0	489.0	430.0	370.0	313.0	253.0	211.0	166.0
1948	675.0	628.0	599.0	579.0	544.0	465.0	416.0	341.0	242.0
1949	1110.0	997.0	846.0	731.0	636.0	554.0	497.0	422.0	301.0
1950	370.0	354.0	343.0	333.0	280.0	271.0	235.0	195.0	148.0
1951	605.0	558.0	482.0	378.0	321.0	250.0	195.0	159.0	118.0
1952	1160.0	1150.0	1120.0	1070.0	887.0	789.0	679.0	568.0	400.0
1953	506.0	484.0	443.0	433.0	410.0	293.0	237.0	201.0	150.0
1954	386.0	371.0	347.0	328.0	310.0	272.0	223.0	186.0	141.0
1955	445.0	418.0	369.0	326.0	290.0	254.0	205.0	169.0	128.0

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
NAVAJO RIVER AT EDITH, CO.

YEAR	1	3	7	15	30	60	90	120	183
1956	544.0 31	508.0 32	478.0 33	420.0 34	361.0 36	293.0 36	251.0 35	208.0 35	149.0 37
1957	1220.0 6	1210.0 6	1170.0 6	1000.0 6	955.0 3	752.0 6	649.0 6	565.0 5	416.0 3
1958	1010.0 13	1000.0 9	975.0 8	915.0 8	851.0 7	740.0 7	585.0 8	466.0 10	330.0 13
1959	290.0 45	273.0 45	263.0 45	245.0 45	229.0 44	191.0 45	156.0 45	129.0 45	103.0 45
1960	684.0 21	636.0 23	579.0 24	514.0 24	469.0 23	411.0 22	418.0 19	358.0 18	251.0 20
1961	509.0 34	483.0 36	470.0 34	451.0 30	389.0 32	347.0 29	281.0 31	232.0 31	175.0 31
1962	698.0 20	695.0 20	663.0 19	586.0 19	569.0 19	463.0 21	404.0 22	334.0 22	236.0 22
1963	376.0 43	365.0 43	361.0 41	330.0 41	294.0 41	244.0 43	220.0 39	181.0 41	136.0 41
1964	607.0 28	581.0 27	565.0 25	514.0 25	396.0 29	278.0 37	216.0 41	184.0 40	142.0 39
1965	939.0 14	909.0 12	855.0 10	767.0 11	647.0 15	579.0 14	551.0 11	462.0 11	338.0 12
1966	593.0 30	563.0 29	523.0 27	443.0 31	428.0 26	368.0 26	343.0 24	298.0 23	216.0 24
1967	518.0 33	471.0 37	414.0 38	345.0 39	327.0 38	272.0 38	220.0 40	194.0 38	163.0 34
1968	642.0 26	612.0 26	599.0 22	545.0 22	484.0 22	371.0 24	296.0 27	268.0 26	203.0 26
1969	670.0 23	637.0 22	591.0 23	577.0 21	513.0 21	467.0 19	415.0 21	356.0 19	268.0 18
1970	1060.0 10	698.0 19	498.0 28	460.0 28	387.0 33	329.0 31	263.0 33	218.0 33	187.0 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
NAVAJO RIVER AT EDITH, CO.

YEAR	1	3	7	14	30	60	90	120	183
1916	23.00 20	36.00 32	39.00 34	39.00 33	39.00 33	39.00 29	40.00 28	41.00 27	45.00 25
1922	36.00 34	36.00 33	36.00 32	37.00 31	38.00 30	40.00 32	41.00 29	43.00 30	53.00 32
1923	26.00 23	26.00 20	26.00 17	26.00 16	29.00 17	32.00 17	32.00 16	33.00 16	37.00 17
1928	56.00 38	56.00 38	56.00 38	56.00 38	56.00 38	58.00 38	61.00 38	69.00 37	83.00 37
1937	39.00 36	40.00 36	41.00 35	43.00 36	44.00 35	49.00 35	53.00 36	59.00 36	68.00 36
1938	23.00 21	24.00 17	27.00 18	29.00 19	29.00 18	32.00 18	33.00 19	35.00 17	39.00 18
1939	22.00 17	26.00 18	31.00 24	34.00 27	34.00 24	35.00 24	36.00 22	37.00 22	48.00 31
1940	19.00 13	20.00 11	21.00 10	21.00 5	23.00 6	25.00 7	26.00 6	27.00 5	33.00 12
1941	23.00 18	26.00 19	29.00 19	32.00 25	37.00 29	39.00 30	41.00 30	41.00 28	47.00 29
1942	37.00 35	37.00 34	39.00 33	41.00 34	44.00 36	51.00 37	61.00 37	71.00 38	128.00 38
1943	34.00 32	35.00 31	35.00 31	35.00 28	35.00 26	35.00 25	37.00 23	39.00 23	42.00 23
1944	20.00 14	22.00 16	23.00 14	23.00 12	24.00 8	25.00 8	26.00 7	27.00 6	30.00 9
1945	30.00 30	31.00 29	32.00 28	33.00 26	36.00 27	37.00 27	39.00 27	40.00 25	41.00 21
1946	18.00 10	20.00 12	23.00 15	24.00 13	26.00 12	27.00 11	29.00 11	32.00 12	35.00 13
1947	28.00 27	30.00 26	31.00 25	31.00 22	32.00 22	34.00 22	38.00 25	41.00 26	46.00 27
1948	30.00 31	30.00 27	31.00 26	32.00 23	34.00 25	35.00 23	37.00 24	39.00 24	46.00 28
1949	20.00 15	20.00 13	21.00 11	22.00 9	25.00 9	30.00 12	31.00 12	33.00 13	32.00 10
1950	20.00 16	21.00 14	24.00 16	26.00 17	28.00 13	30.00 13	33.00 20	35.00 18	39.00 19
1951	18.00 11	18.00 8	19.00 6	21.00 6	23.00 7	23.00 3	24.00 2	25.00 2	29.00 5
1952	15.00 4	15.00 4	16.00 3	17.00 3	21.00 3	24.00 4	27.00 9	27.00 7	29.00 6
1953	17.00 8	18.00 9	22.00 12	24.00 14	28.00 14	32.00 19	32.00 17	33.00 14	35.00 14
1954	8.00 1	8.70 1	9.60 1	12.00 1	15.00 1	18.00 1	24.00 3	25.00 3	27.00 2
1955	18.00 9	21.00 15	21.00 7	23.00 10	25.00 10	25.00 9	26.00 8	27.00 8	29.00 7
1956	15.00 5	16.00 5	18.00 4	19.00 4	22.00 4	24.00 5	25.00 4	27.00 9	27.00 3
1957	14.00 3	14.00 2	15.00 2	16.00 2	17.00 2	20.00 2	22.00 1	22.00 1	25.00 1
1958	40.00 37	42.00 37	43.00 37	43.00 37	45.00 37	49.00 36	51.00 35	55.00 35	62.00 34
1959	28.00 28	30.00 28	34.00 29	37.00 32	39.00 31	41.00 33	42.00 31	43.00 31	45.00 26
1960	16.00 6	17.00 6	21.00 8	23.00 11	28.00 15	30.00 14	31.00 13	36.00 21	44.00 24
1961	16.00 7	18.00 7	22.00 13	25.00 15	26.00 11	27.00 10	28.00 10	29.00 10	29.00 8
1962	26.00 24	29.00 25	32.00 27	35.00 29	37.00 28	39.00 28	42.00 32	43.00 32	48.00 30
1963	13.00 2	14.00 3	18.00 5	22.00 7	28.00 16	36.00 26	39.00 26	42.00 29	41.00 22
1964	19.00 12	20.00 10	21.00 9	22.00 8	23.00 5	24.00 6	25.00 5	26.00 4	28.00 4
1965	23.00 19	27.00 21	29.00 20	29.00 18	30.00 19	31.00 15	31.00 14	32.00 11	33.00 11
1966	36.00 33	39.00 35	41.00 36	42.00 35	42.00 34	44.00 34	47.00 34	50.00 34	64.00 35
1967	26.00 25	28.00 22	30.00 22	30.00 20	31.00 21	32.00 20	33.00 18	35.00 19	40.00 20
1968	26.00 26	28.00 23	29.00 21	30.00 21	30.00 20	31.00 16	32.00 15	33.00 15	37.00 15
1969	24.00 22	29.00 24	31.00 23	32.00 24	33.00 23	34.00 21	35.00 21	36.00 20	37.00 16
1970	30.00 29	33.00 30	35.00 30	37.00 30	39.00 32	40.00 31	43.00 33	46.00 33	58.00 33

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
57.5	45.6	38.3	35.3	41.2	89.0	295	462	407	150	84.1	63.3
2052	451	192	74.2	114	2821	30260	42970	47450	13440	2441	2347
45.3	21.2	13.9	8.62	10.7	53.1	174	207	218	116	49.4	48.5
4.27	2.58	2.68	0.90	0.42	2.76	1.27	1.38	0.86	1.85	1.68	2.71
0.79	0.47	0.36	0.24	0.26	0.60	0.59	0.45	0.54	0.77	0.59	0.76
3.25	2.58	2.17	1.99	2.33	5.03	16.7	26.1	23.0	8.46	4.76	3.58

09346000 NAVAJO RIVER AT EDITH, 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,SKENNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.69	1.63	1.56	1.54	1.60	1.90	2.40	2.63	2.55	2.07	1.87	1.72
0.05	0.02	0.02	0.01	0.01	0.04	0.06	0.03	0.05	0.09	0.05	0.07
0.21	0.16	0.13	0.10	0.11	0.21	0.25	0.18	0.23	0.30	0.22	0.26
1.36	1.18	1.12	0.10	-0.10	0.63	-0.05	0.19	0.04	0.32	0.56	0.52
0.13	0.10	0.08	0.07	0.07	0.11	0.11	0.07	0.09	0.14	0.12	0.15
7.32	7.03	6.75	6.63	6.92	8.19	10.4	11.4	11.0	8.95	6.06	7.41

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
148	3254	57.0	0.69	0.39	0.140

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
2.14	0.03	0.17	0.07	0.08	0.123

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
NAVAJO RIVER AT EDITH, 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																																					
1971						2	16	44	45	47	73	36	39	15	13	2	23	5	2	1	1	1															
1972		1	2	11	16	17	21	24	61	93	60	24	4	16	15	1																					
1973						2	28	73	12	58	44	30	17	8	5	4	1	2	5	8	13	11	7	5	4	8	2	4	2	6	3	1	2				
1974	1		3	6	7	8	56	71	52	17	40	28	21	11	30	7	3				1	1															
1975	2			1	9	59	36	21	41	25	29	26	22	10	6	9	12	3	14	5	7	7	5	7	5	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	57.0	158	636	34.8	24	240	14	62	3.3
1	15.00	3	1826	100.0	13	64.0	116	478	26.2	25	280	10	48	2.6
2	17.00	1	1823	99.8	14	73.0	69	362	19.8	26	310	9	38	2.0
3	19.00	5	1822	99.8	15	82.0	72	293	16.0	27	350	9	29	1.5
4	22.00	18	1817	99.5	16	93.0	24	221	12.1	28	400	2	20	1.0
5	24.00	32	1799	98.5	17	100.0	42	197	10.8	29	450	4	18	.9
6	28.00	86	1767	96.8	18	120.0	9	155	8.5	30	510	2	14	.7
7	31.00	131	1681	92.1	19	130.0	18	146	8.0	31	570	6	12	.6
8	35.00	188	1550	84.9	20	150.0	11	128	7.0	32	640	3	6	.3
9	40.00	272	1362	74.6	21	170.0	16	117	6.4	33	730	1	3	.1
10	45.00	194	1090	59.7	22	190.0	22	101	5.5	34	820	2	2	.1
11	50.00	260	896	49.1	23	220.0	17	79	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
NAVAJO RIVER AT EDITH, CO.

YEAR	1	3	7	15	30	60	90	120	183									
1971	191.0	4	177.0	4	148.0	4	130.0	4	100.0	4	94.0	3	84.0	3	76.0	3	69.0	3
1972	94.0	5	91.0	5	87.0	5	84.0	5	83.0	5	69.0	5	62.0	5	60.0	5	53.0	5
1973	894.0	1	834.0	1	688.0	1	577.0	1	429.0	1	364.0	1	303.0	1	247.0	1	183.0	1
1974	337.0	3	302.0	3	199.0	3	139.0	3	113.0	3	88.0	4	83.0	4	76.0	4	68.0	4
1975	373.0	2	332.0	2	297.0	2	239.0	2	206.0	2	183.0	2	158.0	2	138.0	2	109.0	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
NAVAJO RIVER AT EDITH, CO.

YEAR	1	3	7	14	30	60	90	120	183									
1972	28.00	4	30.00	3	31.00	3	32.00	3	37.00	4	39.00	4	41.00	4	43.00	4	46.00	4
1973	17.00	2	20.00	2	22.00	2	23.00	2	26.00	1	29.00	1	33.00	2	37.00	2	44.00	3
1974	28.00	3	31.00	4	33.00	4	34.00	4	35.00	3	35.00	3	35.00	3	37.00	3	40.00	2
1975	15.00	1	18.00	1	21.00	1	22.00	1	27.00	2	29.00	2	30.00	1	32.00	1	33.00	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,SKENNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
53.8	46.7	38.3	36.2	38.5	60.2	100.0	174	123	63.6	49.1	45.5
234	28.8	23.5	25.3	33.0	126	3351	19580	11450	478	192	148
15.3	5.37	4.85	5.03	5.75	11.2	57.9	140	107	21.9	13.8	12.2
0.22	0.04	-0.96	-1.29	-0.97	-0.49	0.53	2.00	1.72	0.39	-1.44	-1.05
0.28	0.11	0.13	0.14	0.15	0.19	0.58	0.80	0.87	0.34	0.28	0.27
6.50	5.63	4.62	4.36	4.64	7.26	12.1	21.0	14.8	7.67	5.92	5.48

09346000 NAVAJO RIVER AT EDITH, 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)											
1.72	1.67	1.58	1.55	1.58	1.77	1.94	2.16	1.98	1.78	1.67	1.64
0.02	0.00	0.00	0.00	0.00	0.01	0.07	0.08	0.11	0.02	0.02	0.02
0.12	0.05	0.06	0.06	0.07	0.08	0.26	0.28	0.33	0.15	0.15	0.13
0.04	-0.01	-1.12	-1.47	-1.09	-0.64	0.30	1.51	1.15	-0.18	-1.75	-1.30
0.07	0.03	0.04	0.04	0.04	0.05	0.13	0.13	0.17	0.09	0.09	0.08
8.16	7.92	7.51	7.39	7.51	8.42	9.21	10.2	9.41	8.47	7.95	7.81

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
69.2	801	28.3	1.66	0.41	-0.543

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.82	0.02	0.16	1.27	0.09	-0.607

09346400 SAN JUAN RIVER NEAR CARRACAS, COLO.

LOCATION.--Lat 37°00'49", long 107°18'42", in SE¼SW¼ sec.17, T.32 N., R.4 W., Archuleta County, on right bank just upstream from flow line of Navajo Reservoir, 3 mi (5 km) northwest of Carracas, and 7.2 mi (11.6 km) upstream from Piedra River.

DRAINAGE AREA.--1,230 mi² (3,190 km²), approximately.

REMARKS.--Diversions for irrigation of about 11,000 acres (44.5 km²) above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SAN JUAN RIVER NR CARRACAS, COLORADO

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																																					
1963		1	1	2	5	2	5	16	30	53	57	36	22	14	7	5	8	9	8	12	15	8	13	14	6	14	2										
1964			1	2	8	45	44	25	20	26	17	16	18	23	9	9	12	10	17	9	8	8	9	5	7	3	5	4	6								
1965				1		1	9	13	19	38	42	25	17	22	8	6	10	4	4	5	10	14	7	10	9	11	10	14	21	12	12	10	1				
1966						13	9	9	12	56	27	25	31	12	24	13	11	6	8	4	5	12	13	24	16	14	11	8	2								
1967						3	30	18	37	29	11	7	11	12	10	18	30	32	22	22	8	12	12	10	12	9	7	3									
1968				2	3	3	24	34	62	22	29	13	7	8	5	11	12	14	6	12	11	10	14	13	12	6	6	7	13	7							
1969					2	3	31	77	33	17	3	1	3	10	27	11	9	6	6	9	8	12	10	33	19	9	13	8	5								
1970							1	6	48	35	30	25	24	20	18	35	22	12	12	3	6	7	14	20	4	5	11	4			1					2	
1971								3	29	53	53	29	24	26	33	7	6	8	13	23	23	15	20														
1972				3	8	18	16	19	40	22	26	20	20	25	26	19	18	20	12	18	14	14	6	2													
1973									1	11	26	56	19	25	9	20	12	20	16	12	4	18	10	8	7	12	11	18	11	17	9	4	5				
1974		1	2	4	3	1	5	9	71	50	44	20	11	11	13	14	10	16	12	14	13	5	18	9	6	3											
1975					1	1	33	31	38	18	23	19	7	21	12	12	12	5	6	11	3	5	11	8	12	11	18	18	12	12	4	1					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4748	100.0	12	170.0	292	2919	61.5	24	1200	113	736	15.5
1	28.00	2	4748	100.0	13	200.0	207	2627	55.3	25	1400	145	623	13.1
2	33.00	2	4746	100.0	14	230.0	247	2420	51.0	26	1700	105	478	10.0
3	39.00	6	4744	99.9	15	280.0	175	2173	45.8	27	2000	87	373	7.8
4	46.00	13	4738	99.8	16	320.0	186	1998	42.1	28	2300	99	286	6.0
5	54.00	26	4725	99.5	17	380.0	195	1812	38.2	29	2700	83	187	3.9
6	63.00	80	4699	99.0	18	450.0	176	1617	34.1	30	3200	55	104	2.1
7	75.00	190	4619	97.3	19	530.0	142	1441	30.3	31	3800	26	49	1.0
8	88.00	271	4429	93.3	20	620.0	163	1299	27.4	32	4400	15	23	.4
9	100.00	418	4158	87.6	21	730.0	117	1136	23.9	33	5200	6	8	.1
10	120.00	409	3740	78.8	22	860.0	141	1019	21.5	34	6100	2	2	
11	140.00	412	3331	70.2	23	1000.0	142	878	18.5					

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 JUAN RIVER NR CARRACAS, COLORADO

YEAR	1	3	7	15	30	60	90	120	183
1963	2050.0 10	2000.0 10	1890.0 10	1850.0 10	1570.0 10	1240.0 10	1110.0 9	891.0 10	654.0 10
1964	2970.0 8	2920.0 8	2800.0 7	2500.0 7	1940.0 8	1350.0 9	1050.0 10	905.0 9	697.0 9
1965	5370.0 3	4940.0 2	4700.0 2	4140.0 1	3630.0 2	3000.0 2	3100.0 1	2620.0 1	1910.0 1
1966	3350.0 6	3270.0 6	3100.0 5	2620.0 6	2420.0 6	2020.0 6	1900.0 5	1640.0 5	1160.0 5
1967	2660.0 9	2450.0 9	2130.0 9	1900.0 9	1730.0 9	1380.0 8	1130.0 8	1030.0 8	836.0 8
1968	3400.0 5	3310.0 5	3290.0 4	3040.0 4	2760.0 4	2100.0 5	1660.0 6	1480.0 6	1110.0 6
1969	3250.0 7	3210.0 7	3080.0 6	3000.0 5	2600.0 5	2230.0 4	2010.0 4	1770.0 4	1320.0 4
1970	6450.0 1	4180.0 4	2710.0 8	2470.0 8	2060.0 7	1680.0 7	1300.0 7	1060.0 7	974.0 7

09346400 SAN JUAN RIVER NEAR CARRACAS, 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 JUAN RIVER NR CARRACAS, CO.

YEAR	1	3	7	15	30	60	90	120	183
1971	1190.0 13	1160.0 12	1050.0 12	1020.0 12	974.0 12	855.0 12	807.0 11	706.0 11	530.0 11
1972	1220.0 12	1120.0 13	1020.0 13	1020.0 13	921.0 13	796.0 13	672.0 13	607.0 13	455.0 13
1973	5610.0 2	5560.0 1	4940.0 1	4010.0 2	3880.0 1	3420.0 1	2930.0 2	2460.0 2	1770.0 2
1974	1560.0 11	1520.0 11	1410.0 11	1250.0 11	1120.0 11	867.0 11	756.0 12	644.0 12	491.0 12
1975	4600.0 4	4310.0 3	4010.0 3	3400.0 3	3060.0 3	2780.0 3	2460.0 3	2080.0 3	1500.0 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
SAN JUAN RIVER NR CARRACAS, COLORADO

YEAR	1	3	7	14	30	60	90	120	183
1963	30.00 2	40.00 2	55.00 2	67.00 4	83.00 5	113.00 9	137.00 10	161.00 10	149.00 7
1964	40.00 3	52.00 3	63.00 4	64.00 3	67.00 1	70.00 1	72.00 1	77.00 1	98.00 1
1965	50.00 6	63.00 6	89.00 9	91.00 9	103.00 10	110.00 8	124.00 8	142.00 7	154.00 8
1966	123.00 13	128.00 13	136.00 13	144.00 13	146.00 13	150.00 13	182.00 13	207.00 13	303.00 13
1967	70.00 8	72.00 7	78.00 6	82.00 6	84.00 6	92.00 5	98.00 5	113.00 5	133.00 6
1968	46.00 4	56.00 5	72.00 5	76.00 5	82.00 4	85.00 3	90.00 2	95.00 2	121.00 4
1969	65.00 7	80.00 8	91.00 10	94.00 10	97.00 8	98.00 7	103.00 7	108.00 4	117.00 3
1970	92.00 11	102.00 11	114.00 12	122.00 12	128.00 11	136.00 12	142.00 12	155.00 9	223.00 11
1971	100.00 12	105.00 12	111.00 11	115.00 11	128.00 12	135.00 11	135.00 9	147.00 8	205.00 10
1972	79.00 9	81.00 9	85.00 7	86.00 7	100.00 9	124.00 10	139.00 11	172.00 12	197.00 9
1973	48.00 5	52.00 4	59.00 3	61.00 2	68.00 2	84.00 2	98.00 6	167.00 11	279.00 12
1974	80.00 10	85.00 10	87.00 8	91.00 8	91.00 7	93.00 6	96.00 4	101.00 3	124.00 5
1975	28.00 1	38.00 1	39.00 1	48.00 1	69.00 3	87.00 4	94.00 3	114.00 6	116.00 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)											
272	185	143	121	155	436	974	1857	1690	676	391	326
42410	7135	2989	1554	3905	67860	321400	566800	1246000	331000	74620	119500
206	84.5	54.7	39.4	62.5	260	567	753	1116	575	273	346
1.92	0.92	0.73	0.90	0.82	1.84	0.55	0.28	0.69	1.13	1.19	2.67
0.76	0.46	0.38	0.33	0.40	0.60	0.58	0.41	0.66	0.85	0.70	1.06
3.76	2.55	1.98	1.67	2.14	6.03	13.5	25.7	23.4	9.35	5.41	4.51

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)											
2.34	2.23	2.13	2.06	2.16	2.58	2.92	3.23	3.13	2.68	2.49	2.37
0.08	0.04	0.03	0.02	0.03	0.05	0.06	0.04	0.09	0.15	0.10	0.12
0.28	0.19	0.16	0.13	0.18	0.23	0.25	0.19	0.31	0.39	0.32	0.34
0.70	0.40	0.15	0.55	-0.05	0.29	0.30	-0.37	-0.05	0.11	-0.28	0.79
0.12	0.09	0.08	0.06	0.08	0.09	0.09	0.06	0.10	0.14	0.13	0.14
7.73	7.34	7.02	6.80	7.11	8.51	9.63	10.7	10.3	8.83	8.22	7.81

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
603	66280	257	0.61	0.43	-0.368

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.74	0.03	0.19	0.04	0.07	-0.346

09347200 MIDDLE FORK PIEDRA RIVER NEAR PAGOSA SPRINGS, COLO.

LOCATION.--Lat 37°29'12", long 107°09'46", in SW¼NW¼ sec.35, T.38 N., R.3 W., Hinsdale County, on right bank 0.6 mi (1.0 km) upstream from headgate on Toner-Taylor ditch, 4.1 mi (6.6 km) northeast of Piedra guard station, and 17 mi (27 km) northwest of Pagosa Springs.

DRAINAGE AREA.--32.2 mi² (83.4 km²).

REMARKS.--No diversion above station.

09347200 MIDDLE FORK PIEDRA RIVER NEAR PAGOSA SPRINGS, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
MIDDLE FORK PIEDRA RIVER NR PAGOSA SPRINGS, 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	
1970					2	45	48	5	16	10	16	19	27	33	28	23	10	7	4	8	8	16	6	4	10	10	2	2	1	1	1	1	1	2		
1971			2	2	24	63	28	39	18	19	14	29	20	27	19	11	11	6	7	5	5	4	7	5												
1972			2	27	50	40	23	26	26	19	23	12	11	28	11	8	11	9	8	4	2	7	11	3	5											
1973				3	14	25	13	29	29	21	34	29	17	19	11	11	10	13	2	5	10	1	4	7	19	13	11	3	6	3	3					
1974		3	48	62	40	24	11	27	18	21	19	17	10	5	5	6	7	14	10	5	10	3														
1975	1	30	47	23	28	24		27	30	19	11	7	13	3	4	9	5	8	2	3	1	3	6	6	8	8	10	14	13	2						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2191	100.0	12	21.0	132	927	42.3	24	150	39	180	8.2
1	3.50	1	2191	100.0	13	25.0	105	795	36.3	25	180	40	141	6.4
2	4.10	3	2190	100.0	14	29.0	93	690	31.5	26	210	28	101	4.6
3	4.90	80	2187	99.8	15	35.0	90	597	27.2	27	250	23	73	3.3
4	5.70	118	2107	96.2	16	41.0	58	507	23.1	28	290	18	50	2.2
5	6.70	173	1989	90.8	17	48.0	48	449	20.5	29	340	20	32	1.4
6	7.90	238	1816	82.9	18	56.0	56	401	18.3	30	400	6	12	.5
7	9.30	121	1578	72.0	19	67.0	38	345	15.7	31	470	4	6	.2
8	11.00	161	1457	66.5	20	78.0	34	307	14.0	32	560	2	2	
9	13.00	131	1296	59.2	21	92.0	46	273	12.5	33	660	2	2	
10	15.00	122	1165	53.2	22	110.0	19	227	10.4	34	770	2	2	
11	18.00	116	1043	47.6	23	130.0	28	208	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
MIDDLE FORK PIEDRA RIVER NR PAGOSA SPRINGS, CO.

YEAR	1	3	7	15	30	60	90	120	183
1970	853.0 1	584.0 1	382.0 2	310.0 3	181.0 3	121.0 3	91.0 3	94.0 3	82.0 3
1971	168.0 5	163.0 5	152.0 5	142.0 5	114.0 5	82.0 5	65.0 5	57.0 5	43.0 5
1972	235.0 4	229.0 4	216.0 4	190.0 4	163.0 4	117.0 4	91.0 4	76.0 4	54.0 4
1973	515.0 2	481.0 2	439.0 1	348.0 1	325.0 1	281.0 2	200.0 2	157.0 2	109.0 2
1974	112.0 6	107.0 6	100.0 6	91.0 6	87.0 6	69.0 6	53.0 6	44.0 6	34.0 6
1975	429.0 3	411.0 3	362.0 3	342.0 2	321.0 2	275.0 1	216.0 1	171.0 1	117.0 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
MIDDLE FORK PIEDRA RIVER NR PAGOSA SPRINGS, CO.

YEAR	1	3	7	14	30	60	90	120	183
1971	5.00 3	5.80 3	6.80 3	7.20 3	7.90 3	8.00 3	8.60 3	8.70 3	13.00 3
1972	6.50 5	6.80 5	7.20 5	7.40 4	8.60 5	9.70 5	10.00 4	12.00 4	15.00 4
1973	6.20 4	6.40 4	6.80 4	7.60 5	8.20 4	8.70 4	10.00 5	13.00 5	27.00 5
1974	4.50 2	4.70 1	5.00 1	5.30 1	5.50 1	5.60 1	5.70 1	5.90 1	7.70 1
1975	3.50 1	5.00 2	5.20 2	5.30 2	5.50 2	5.70 2	6.00 2	6.90 2	8.10 2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
30.9	17.5	10.8	8.40	8.15	14.0	27.3	118	162	65.8	19.8	40.7
677	80.1	29.0	7.49	4.22	70.0	79.7	1656	13520	5052	61.7	4702
26.0	8.95	5.38	2.74	2.05	8.36	8.93	40.7	116	71.1	7.85	68.6
1.81	0.63	1.31	0.73	-0.31	1.83	1.21	-0.91	0.82	1.35	0.14	2.43
0.84	0.51	0.50	0.33	0.25	0.60	0.33	0.34	0.72	1.08	0.40	1.68
5.91	3.34	2.07	1.60	1.56	2.67	5.21	22.6	30.9	12.6	3.78	7.78

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.38	1.19	1.00	0.91	0.90	1.09	1.42	2.04	2.11	1.61	1.26	1.28
0.11	0.06	0.04	0.02	0.01	0.05	0.02	0.03	0.10	0.21	0.04	0.25
0.34	0.24	0.20	0.14	0.12	0.22	0.13	0.18	0.32	0.46	0.20	0.50
0.44	-0.40	0.69	0.19	-0.44	1.18	0.65	-1.26	0.22	0.75	-1.03	2.03
0.24	0.20	0.20	0.15	0.13	0.20	0.09	0.09	0.15	0.28	0.16	0.39
8.52	7.35	6.14	5.59	5.55	6.76	8.75	12.6	13.0	9.95	7.80	7.91

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWEWNESS	COEFF. OF VARIATION	SERIAL CORR
43.7	377	19.4	0.17	0.44	-0.731

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.60	0.04	0.21	-0.28	0.13	-0.789

09347500 PIEDRA RIVER AT BRIDGE RANGER STATION, NEAR PAGOSA SPRINGS, COLO.

LOCATION.--Lat 37°25'43", long 107°11'34", in NW¼SE¼ sec.22, T.37 N., R.3 W., Archuleta County, on left bank 350 ft (110 m) upstream from county bridge, 0.2 mi (0.3 km) southwest of Bridge ranger station, 1.4 mi (2.3 km) downstream from Middle Fork, and 15 mi (24 km) northwest of Pagosa Springs.

DRAINAGE AREA.--82.3 mi² (213.2 km²).

REMARKS.--Transmountain diversions above station to Rio Grande basin by Don La Font ditches 1 and 2. Diversions above station for irrigation of about 1,800 acres (7.28 km²), part of which is above station and part below.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN

PIEDRA R AT BRIDGE RNGR STA, NR PAGOSA SPGS, 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																																				
1938					5	36	73	28	20	13	14	9	13	11	13	5	16	8	10	7	5	4	6	8	9	8	9	9	10	5	11						
1939				9	11	16	8	98	16	11	7	7	43	10	19	11	6	15	14	5	7	9	12	7	9	7	8										
1940	6	37	46	51	21	23	23	16	16	7	10	15	10			9	10	8	7	4	4	11	10	3	12	6	1										
1941					4	41	31	43	17	19	19	5	13	15	10	7	7	14	8	4	4	4	4	7	5	6	11	12	19	21	7	7	1				
1947					12	64	7	12	30	31	31	30	19	13	12	10	7	9	7	6	9	11	13	5	14	6	4	3									
1948						39	86	21	24	32	13	12	9	7	10	2	7	8	13	7	14	12	9	4	2	6	5	4	8	6	4	2					
1949				60	41	16	12	47	18	21	8	6	7	4	4	2	4	2	3	2	2	12	15	11	16	9	6	11	7	7	2	8			1	1	
1950				5	4	15	13	93	33	26	23	21	19	13	5	5	7	9	10	9	7	7	15	8	13	5											
1951	2	10	29	25	69	55	25	18	14	12	10	9	14	8	3	5	5	9	5	5	9	7	9	1	2	1	2	2									
1952	1	3	9	57	77	24	9	5	8	4	8	5	6	14	9	12	8	5	3	4	6	11	8	14	10	6	10	8	2	5	4	9	2				
1953	7	3	8	11	12	86	46	28	23	19	14	15	9	13	14	6	5	5	4	4	4	2	2	4	5	9	5	1			1						
1954		11		7	1	19	57	51	54	32	11	9	10	10	6	22	8	9	7	8	3	5	8	9	5	3											

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4383	100.0	12	44.0	178	1757	40.1	24	290	108	488	11.1
1	8.00	10	4383	100.0	13	52.0	136	1579	36.0	25	340	80	380	8.6
2	9.30	33	4373	99.8	14	61.0	133	1443	32.9	26	390	57	300	6.8
3	11.00	157	4340	99.0	15	71.0	93	1310	29.9	27	460	58	243	5.5
4	13.00	207	4183	95.4	16	83.0	115	1217	27.8	28	540	48	185	4.2
5	15.00	309	3976	90.7	17	97.0	84	1102	25.1	29	630	37	137	3.1
6	17.00	416	3667	83.7	18	110.0	102	1018	23.2	30	730	48	100	2.2
7	20.00	503	3251	74.2	19	130.0	69	916	20.9	31	860	25	52	1.1
8	24.00	353	2748	62.7	20	150.0	69	847	19.3	32	1000	20	27	.6
9	28.00	254	2395	54.6	21	180.0	85	778	17.8	33	1200	6	7	.1
10	33.00	209	2141	48.8	22	210.0	112	693	15.8	34	1400	1	1	
11	38.00	175	1932	44.1	23	250.0	93	581	13.3					

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

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN

PIEDRA R AT BRIDGE RNGR STA, NR PAGOSA SPGS, CO.

YEAR	1	3	5	7	15	30	60	90	120	183
1938	844.0	779.0	759.0	688.0	646.0	489.0	405.0	326.0	241.0	183.0
1939	446.0	419.0	367.0	346.0	325.0	255.0	198.0	161.0	120.0	77.0
1940	414.0	374.0	343.0	334.0	297.0	225.0	174.0	140.0	100.0	66.0
1941	1300.0	1200.0	1110.0	959.0	819.0	781.0	685.0	549.0	393.0	293.0
1947	574.0	553.0	496.0	440.0	359.0	307.0	235.0	193.0	157.0	117.0
1948	1300.0	1170.0	988.0	877.0	823.0	576.0	457.0	365.0	253.0	183.0
1949	1410.0	1250.0	1070.0	925.0	757.0	568.0	471.0	396.0	272.0	203.0
1950	387.0	380.0	346.0	326.0	299.0	239.0	199.0	164.0	117.0	86.0
1951	578.0	543.0	474.0	362.0	292.0	202.0	151.0	121.0	93.0	71.0
1952	1220.0	1200.0	1150.0	1070.0	855.0	627.0	517.0	418.0	295.0	217.0
1953	780.0	627.0	525.0	457.0	396.0	253.0	191.0	156.0	113.0	86.0
1954	451.0	438.0	397.0	358.0	314.0	226.0	176.0	142.0	110.0	81.0

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

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN

PIEDRA R AT BRIDGE RNGR STA, NR PAGOSA SPGS, CO.

YEAR	1	3	7	14	30	60	90	120	183
1938	14.00	14.00	15.00	16.00	16.00	17.00	17.00	17.00	20.00
1939	20.00	20.00	20.00	20.00	20.00	20.00	21.00	24.00	40.00
1940	11.00	12.00	12.00	12.00	12.00	13.00	14.00	15.00	23.00
1941	10.00	10.00	10.00	11.00	13.00	19.00	20.00	22.00	36.00
1948	21.00	21.00	22.00	23.00	23.00	24.00	25.00	26.00	41.00
1949	11.00	11.00	11.00	11.00	11.00	12.00	12.00	13.00	16.00
1950	13.00	15.00	20.00	21.00	21.00	21.00	22.00	23.00	27.00
1951	8.80	9.70	10.00	11.00	11.00	12.00	13.00	14.00	16.00
1952	8.00	9.30	12.00	13.00	13.00	14.00	14.00	14.00	15.00
1953	14.00	14.00	16.00	17.00	17.00	18.00	18.00	18.00	22.00
1954	8.50	8.60	8.80	9.30	10.00	14.00	19.00	20.00	21.00

SAN JUAN RIVER BASIN

09347500 PIEDRA RIVER AT BRIDGE RANGER STATION, NEAR PAGOSA SPRINGS, 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)											
45.5	26.4	19.8	17.5	18.5	29.1	128	341	415	125	54.8	59.8
954	77.9	34.7	17.9	18.5	115	2677	19860	78750	22350	840	1545
30.9	8.83	5.89	4.23	4.31	10.7	51.7	141	281	150	29.0	39.3
1.04	0.28	0.24	-0.02	0.39	0.83	0.12	1.56	0.42	2.00	0.53	0.74
0.68	0.33	0.30	0.24	0.23	0.37	0.40	0.41	0.68	1.20	0.53	0.66
3.55	2.06	1.55	1.37	1.45	2.27	10.0	26.6	32.5	9.73	4.28	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)											
1.58	1.40	1.28	1.23	1.26	1.44	2.07	2.50	2.51	1.85	1.68	1.68
0.07	0.02	0.02	0.01	0.01	0.02	0.04	0.03	0.11	0.22	0.06	0.09
0.27	0.15	0.13	0.11	0.10	0.16	0.20	0.16	0.33	0.47	0.25	0.31
0.63	-0.21	-0.13	-0.53	-0.03	0.12	-0.67	0.82	-0.09	0.52	-0.27	-0.23
0.17	0.11	0.10	0.09	0.08	0.11	0.10	0.06	0.13	0.25	0.15	0.18
7.69	6.83	6.24	6.01	6.14	7.02	10.1	12.2	12.3	9.06	8.19	8.22

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
107	2517	50.2	0.89	0.47	-0.292

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.99	0.04	0.20	0.36	0.10	-0.249

09348500 WILLIAMS CREEK NEAR BRIDGE RANGER STATION, NEAR PAGOSA SPRINGS, COLO.

LOCATION.--Lat 37°27'42", long 107°11'52", in NE¼NW¼ sec.9, T.37 N., R.3 W., Archuleta County, 2.2 mi (3.5 km) north of Bridge ranger station, 3.8 mi (6.1 km) upstream from mouth, and 17 mi (27 km) north-west of Pagosa Springs.

DRAINAGE AREA.--43.7 mi² (113.2 km²).

REMARKS.--Williams Creek-Squaw Pass ditch diverts water above station to Rio Grande basin.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
WILLIAMS C NR BRIDGE RA STA, NR PAGOSA SPGS, 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																																					
1938					60	10	36	5	23	24	35	9	11	15	12	8	9	4	7	4	11	5	4	3	5	10	6	10	13	13	6	7					
1939	2	6	1	2	7	66	6	15	8	33	6	47	29	30	14	11	4	12	5	7	5	10	11	14	12	2											
1940					62	20	49	10	15	44	15	8	7	45	1	7	13	8	8	6	11	7	10	3	5	12											
1941									38	62	56	11	15	9	28	6	6	9	5	9	4	4	5	3	7	5	2	6	7	18	23	13	11	3			
1947									34	87	17	25	26	22	21	19	15	8	12	6	11	4	9	9	10	17	9	4									
1948								8	17	5	64	70	36	10	8	11	12	8	5	4	3	9	11	12	9	11	12	7	4	9	7	8	2	3	1		
1949					93	7	81	13	24	11	5	3	6	7	3	5	1	1	1	7	2	5	2	6	7	6	13	18	16	10	4	6	2				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2557	100.0	12	21.0	148	1249	48.8	24	140	57	405	15.8
1	3.80	2	2557	100.0	13	25.0	137	1101	43.1	25	160	73	348	13.6
2	4.40	6	2555	99.9	14	29.0	103	964	37.7	26	190	44	275	10.7
3	5.20	1	2549	99.7	15	34.0	70	861	33.7	27	220	45	231	9.0
4	6.10	217	2548	99.6	16	40.0	67	791	30.9	28	260	40	186	7.2
5	7.10	44	2331	91.2	17	47.0	42	724	28.3	29	300	50	146	5.7
6	8.30	232	2287	89.4	18	54.0	50	682	26.7	30	360	40	96	3.7
7	9.70	42	2055	80.4	19	64.0	41	632	24.7	31	420	34	56	2.1
8	11.00	166	2013	78.7	20	74.0	49	591	23.1	32	490	13	22	.8
9	13.00	241	1847	72.2	21	87.0	39	542	21.2	33	570	8	9	.3
10	16.00	225	1606	62.8	22	100.0	51	503	19.7	34	670	1	1	
11	18.00	132	1381	54.0	23	120.0	47	452	17.7					

09348500 WILLIAMS CREEK NEAR BRIDGE RANGER STATION, NEAR PAGOSA 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
WILLIAMS C NR BRIDGE RA STA, NR PAGOSA SPGS, CO.

YEAR	1	3	7	15	30	60	90	120	183
1938	453.0 4	438.0 4	418.0 4	385.0 4	346.0 4	266.0 4	230.0 4	183.0 4	132.0 4
1939	194.0 6	188.0 6	168.0 7	158.0 7	153.0 6	131.0 6	98.0 6	80.0 6	60.0 6
1940	180.0 7	175.0 7	172.0 6	165.0 6	136.0 7	104.0 7	81.0 7	67.0 7	50.0 7
1941	606.0 3	596.0 2	551.0 1	483.0 1	424.0 1	417.0 1	370.0 1	291.0 1	206.0 1
1947	227.0 5	222.0 5	216.0 5	186.0 5	172.0 5	153.0 5	120.0 5	97.0 5	78.0 5
1948	702.0 1	632.0 1	519.0 2	431.0 2	422.0 2	310.0 2	258.0 2	208.0 2	144.0 2
1949	624.0 2	570.0 2	491.0 3	428.0 3	359.0 3	286.0 3	255.0 3	205.0 3	139.0 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
WILLIAMS C NR BRIDGE RA STA, NR PAGOSA SPGS, CO.

YEAR	1	3	7	14	30	60	90	120	183
1939	8.30 4	8.30 4	8.30 4	8.30 3	8.30 3	8.50 3	11.00 3	14.00 4	21.00 4
1940	3.80 1	4.30 1	4.70 1	6.20 1	6.20 1	6.50 1	7.00 2	8.00 2	13.00 2
1941	7.50 3	7.50 3	7.90 3	8.80 4	11.00 4	12.00 4	13.00 4	14.00 3	20.00 3
1948	12.00 5	12.00 5	13.00 5	16.00 5	16.00 5	17.00 5	17.00 5	17.00 5	25.00 5
1949	6.40 2	6.50 2	6.50 2	6.50 2	6.50 2	6.70 2	6.80 1	7.30 1	8.20 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)											
31.6	16.9	12.1	9.97	10.3	18.3	85.5	225	232	87.8	23.6	37.9
340	52.7	22.6	15.1	13.3	27.2	1527	10250	20840	8301	119	419
18.4	7.26	4.76	3.89	3.65	5.21	39.1	101	144	91.1	10.9	20.5
0.19	0.09	-0.19	1.03	0.55	-0.42	0.18	1.31	-0.37	1.61	0.29	-0.47
0.58	0.43	0.39	0.39	0.35	0.29	0.46	0.45	0.62	1.04	0.46	0.54
3.99	2.14	1.53	1.26	1.30	2.31	10.8	28.4	29.4	11.1	2.98	4.78

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)											
1.42	1.19	1.05	0.97	0.99	1.24	1.89	2.32	2.25	1.73	1.33	1.50
0.09	0.04	0.04	0.03	0.02	0.02	0.04	0.03	0.16	0.24	0.05	0.10
0.29	0.20	0.19	0.16	0.15	0.14	0.21	0.18	0.40	0.49	0.21	0.32
-0.38	-0.17	-0.42	0.61	0.28	-1.13	-0.04	0.72	-1.05	0.00	-0.18	-0.96
0.21	0.17	0.18	0.16	0.15	0.11	0.11	0.08	0.18	0.28	0.16	0.22
7.95	6.66	5.87	5.44	5.54	6.96	10.6	13.0	12.6	9.68	7.44	8.36

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
66.1	803	28.3	0.47	0.43	-0.402

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.78	0.04	0.20	-0.23	0.11	-0.314

09349000 WEMINUCHE CREEK NEAR BRIDGE RANGER STATION, NEAR PAGOSA SPRINGS, COLO.

LOCATION.--Lat 37°28'23", long 107°13'57", in SW¼NW¼ sec.6, T.37 N., R.3 W., Archuleta County, 3.7 mi (6.0 km) northwest of Bridge ranger station, 6.1 mi (9.8 km) upstream from mouth, and 19 mi (31 km) northwest of Pagosa Springs.

DRAINAGE AREA.--53.4 mi² (138.3 km²).

REMARKS.--A few small diversions for irrigation of hay meadows above station.

09349000 WEMINUCHE CRBEK NEAR BRIDGE RANGER STATION, NEAR PAGOSA SPRINGS, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
WEMINUCHE C NR BRDGE RA STA, NR PAGOSA SPGS, 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																																				
1938			59	33	8	7	8	12	25	38	10	8	16	6	8	4	12	8	9	4	6	3	6	8	7	13	12	11	4	9	3						
1939			1	7	68	11	14	18	9	11	13	46	42	14	10	9	7	7	5	11	12	3	15	9	11	9	3										
1940			7	34	40	22	41	21	18	30	14	24	4	10	6	5	12	6	10	10	8	16	4	6	12	6											
1941								31	79	34	17	8	16	20	7	6	4	8	11	11	7	3	6	6	5	4	3	4	14	22	14	11	11	3			
1947						31	74	32	25	12	29	4	13	9	12	13	11	16	8	8	9	6	7	9	17	11	3	5	1								
1948					8	7	7	5	4	32	107	7	37	8	9	11	9	3	7	4	9	10	8	12	4	11	6	4	6	6	13	4	3	4	1		
1949					32	71	21	37	46	13	7	6	3	2	7	6	3	2	3	2	6	7	2	3	8	5	12	13	8	18	8	9	3	2			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2557	100.0	12	26.0	136	1107	43.3	24	170	56	364	14.2
1	4.80	7	2557	100.0	13	31.0	70	971	38.0	25	200	54	308	12.0
2	5.60	94	2550	99.7	14	36.0	57	901	35.2	26	230	41	254	9.9
3	6.50	112	2456	96.1	15	42.0	62	844	33.0	27	270	33	213	8.3
4	7.60	177	2344	91.7	16	49.0	43	792	30.6	28	310	50	180	7.0
5	8.90	118	2167	84.7	17	57.0	59	739	28.9	29	370	40	130	5.0
6	10.00	161	2049	80.1	18	67.0	51	680	26.6	30	430	45	90	3.5
7	12.00	162	1888	73.8	19	78.0	57	629	24.6	31	500	21	45	1.7
8	14.00	185	1726	67.5	20	91.0	64	572	22.4	32	580	14	24	.9
9	17.00	148	1541	60.3	21	110.0	34	508	19.9	33	680	9	10	.3
10	19.00	206	1393	54.5	22	120.0	48	474	18.5	34	800	1	1	
11	23.00	80	1187	46.4	23	140.0	62	426	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
WEMINUCHE C NR BRDGE RA STA, NR PAGOSA SPGS, CO.

YEAR	1	3	7	15	30	60	90	120	183									
1938	529.0	4	513.0	4	485.0	4	436.0	4	355.0	4	286.0	4	248.0	4	197.0	4	148.0	4
1939	246.0	6	239.0	6	218.0	6	205.0	6	188.0	6	147.0	6	108.0	6	87.0	6	65.0	6
1940	185.0	7	178.0	7	171.0	7	165.0	7	139.0	7	110.0	7	89.0	7	71.0	7	52.0	7
1941	765.0	2	731.0	2	659.0	1	581.0	1	493.0	2	491.0	1	427.0	1	342.0	1	242.0	1
1947	315.0	5	299.0	5	285.0	5	241.0	5	213.0	5	177.0	5	135.0	5	110.0	5	89.0	5
1948	838.0	1	738.0	1	640.0	2	538.0	2	523.0	1	379.0	2	304.0	2	243.0	3	167.0	2
1949	719.0	3	654.0	3	571.0	3	507.0	3	439.0	3	355.0	3	303.0	3	244.0	2	166.0	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
WEMINUCHE C NR BRDGE RA STA, NR PAGOSA SPGS, CO.

YEAR	1	3	7	14	30	60	90	120	183									
1938	5.80	2	5.80	2	5.80	1	5.80	1	5.90	1	6.10	1	7.00	1	10.00	2		
1939	8.00	5	8.10	5	8.10	5	8.10	4	8.20	4	11.00	4	14.00	4	26.00	5		
1940	6.00	3	6.00	3	6.00	3	6.00	2	6.20	2	7.00	2	7.90	2	12.00	3		
1941	4.80	1	4.90	1	5.00	1	6.10	3	8.70	5	11.00	5	12.00	5	14.00	5	22.00	4
1948	12.00	6	12.00	6	13.00	6	16.00	6	17.00	6	18.00	6	19.00	6	19.00	6	28.00	6
1949	7.40	4	7.50	4	7.50	4	7.50	4	7.50	3	7.70	3	8.00	3	8.50	3	9.50	1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
37.7	17.5	11.7	9.74	10.5	19.3	91.8	272	261	92.7	31.4	45.5
609	61.1	29.6	20.5	16.1	40.1	2022	13970	31760	10350	437	837
24.7	7.81	5.44	4.53	4.02	6.34	45.0	118	178	102	20.9	28.9
0.49	0.73	0.72	1.76	0.87	1.06	0.22	0.73	-0.10	1.72	1.03	0.22
0.65	0.45	0.47	0.47	0.38	0.33	0.49	0.43	0.68	1.10	0.67	0.64
4.19	1.94	1.30	1.08	1.16	2.15	10.2	30.2	28.9	10.3	3.48	5.06

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.48	1.21	1.03	0.96	0.99	1.27	1.91	2.40	2.27	1.73	1.42	1.55
0.10	0.04	0.04	0.03	0.03	0.02	0.06	0.04	0.26	0.26	0.08	0.13
0.32	0.19	0.20	0.17	0.16	0.14	0.24	0.19	0.43	0.51	0.28	0.35
-0.17	0.34	0.12	1.18	0.32	0.38	-0.41	0.06	-0.88	0.02	0.38	-0.68
0.21	0.16	0.20	0.18	0.16	0.11	0.12	0.08	0.19	0.30	0.20	0.23
8.15	6.62	5.63	5.25	5.46	6.96	10.5	13.2	12.5	9.50	7.78	8.53

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
75.2	1172	34.2	0.46	0.46	-0.405

09349000 WEMINUCHE CREEK NEAR BRIDGE RANGER STATION, NEAR PAGOSA SPRINGS, COLO.--Continued

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.63	0.04	0.21	-0.28	0.11	-0.322

09349500 PIEDRA RIVER NEAR PIEDRA, COLO.

LOCATION.--Lat 37°13'20", long 107°20'32", in NW¼NW¼ sec.17, T.34 N., R.4 W., Archuleta County, on right bank 0.1 mi (0.2 km) downstream from bridge on U.S. Highway 160, 0.4 mi (0.6 km) upstream from Yellow Jacket Creek, and 1.5 mi (2.4 km) northwest of Piedra.

DRAINAGE AREA.--371 mi² (961 km²).

REMARKS.--Diversions for irrigation of about 2,220 acres (8.98 km²) above station. Also two small ditches divert water above station for irrigation below. Don LaFont and Williams Creek-Squaw Pass ditches export small amount of water above station to Rio Grande basin. Slight regulation at times by Williams Creek Reservoir (capacity, 1,080 acre-ft or 1.33 hm³).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN	PIEDRA RIVER NEAR PIEDRA, CO.																																				
CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	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	6	21	46	43	31	14	8	18	3	5	20	19	14	10	6	7	4	4	5	6	2	9	10	17	14	13	8	1			
1942						6	11	21	50	56	15	17	14	13	9	2	9	10	6	14	10	13	17	13	16	7	23	10	3								
1943						2	56	56	51	39	14	11	6	14	8	4	5	3	13	11	16	18	14	7	4	9	4										
1944						2	23	90	77	31	12	8	4	4	1	1	5	2	9	6	4	7	9	6	3	10	4	19	11	12	2	1	3				
1945						9	62	59	34	47	19	13	9	12	7	6	4	5	3	3	2	5	4	6	11	21	12	8	4								
1946						9	71	32	21	34	40	22	17	10	15	8	11	6	10	11	9	15	13	2	5	4											
1947						26	31	51	27	34	20	14	25	18	14	15	10	12	6	12	5	3	18	9	11	3	1										
1948						47	90	15	34	24	14	11	8	7	6	3	4	7	14	8	4	9	4	9	10	18	9	5	3	2	1						
1949						2	32	63	51	42	18	16	9	6	7	2	3	6	1	4	4	4	5	10	21	13	20	12	3								
1950						8	14	20	13	61	48	37	32	16	14	10	5	2	2	2	6	16	13	15	15	13	3										
1951	1	1	6	17	59	86	24	16	22	7	17	15	6	12	11	7	6	2	7	10	10	14	1	2	1	4	1										
1952		1	5	16	251	02	28	2	12	9	8	6	13	13	13	8	2	3	1	2	4	8	9	8	22	6	13	6	12	4	5						
1953		14	12	4	18	48	86	33	17	13	8	8	5	8	13	15	11	6	6	5	5	8	9	9	3	1											
1954			12	7	41	35	48	34	34	21	17	8	13	5	10	6	7	10	5	8	13	9	17	4	1												
1955			2	37	45	18	30	20	27	19	17	12	15	16	20	13	8	6	10	8	9	5	11	10	7												
1956		13	10	9	47	92	56	16	14	10	4	2	2	3	2	2	3	3	10	14	16	10	4	11	8	5											
1957	1	5	18	4	56	49	19	12	9	4	11	7	6	5	3	2	3	12	8	12	19	18	13	12	8	15	7	5	10	7	3	1	1				
1958						3	5	20	28	32	55	32	36	24	11	14	15	6	6	4	5	2	4	7	5	7	4	15	14	11							
1959			14	37	58	21	46	58	24	15	16	3	8	2	9	16	3	6	10	9	7	3															
1960						16	48	41	25	22	22	16	23	26	8	7	6	5	2	3	11	10	6	12	15	33	9										
1961						1	59	66	17	20	24	19	19	20	10	12	11	15	6	7	4	7	17	6	4	6	15										
1962			10	8	13	12	27	59	32	25	23	18	13	8	10	8	4	6	3	11	16	14	5	8	19	2	11										
1963			1	9	35	51	53	36	29	9	20	10	12	13	5	6	9	20	9	7	9	12	8	2													
1964			2	26	63	34	9	24	23	28	20	17	14	13	8	12	25	3	9	3	10	7	1	2	5	6	2										
1965				1	29	36	82	24	7	4	11	10	24	6	4	11	5	8	4	5	3	6	9	7	28	14	14	10	3								
1966						2	31	45	48	36	23	16	26	11	17	12	5	5	5	4	20	14	14	8	16	2	4	1									
1967			1	5	44	63	25	11	7	8	17	13	25	26	24	25	11	13	9	10	12	9	6	1													
1968			5	22	47	49	26	24	22	8	5	10	4	8	7	10	18	9	9	9	23	9	4	10	9	10											
1969				1	70	54	29	17	6	3	4	17	19	10	15	10	9	6	14	11	16	8	20	13	6	7											
1970						1	22	66	34	23	13	15	13	25	29	28	15	9	6	12	13	10	5	6	13	3											
1971				1	11	4	21	92	44	22	19	16	20	5	5	11	8	18	18	14	22	13	1														
1972			2	9	25	25	13	29	37	17	24	23	9	21	12	16	7	8	12	22	12	15	17	11													

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	11688	100.0	12	110.0	475	5234	44.8	24	820	262	1319	11.2
1	17.00	2	11688	100.0	13	130.0	367	4759	40.7	25	970	200	1057	9.0
2	20.00	19	11686	100.0	14	150.0	452	4392	37.6	26	1100	321	857	7.3
3	24.00	53	11667	99.8	15	180.0	305	3940	33.7	27	1400	120	536	4.5
4	28.00	135	11614	99.4	16	210.0	309	3635	31.1	28	1600	178	416	3.5
5	33.00	424	11479	98.2	17	250.0	335	3326	28.5	29	1900	98	238	2.0
6	39.00	937	11055	94.6	18	300.0	225	2991	25.6	30	2200	74	140	1.1
7	47.00	1023	10118	86.6	19	350.0	275	2766	23.7	31	2700	27	66	.5
8	55.00	1177	9095	77.8	20	420.0	251	2491	21.3	32	3100	24	39	.3
9	65.00	1193	7918	67.7	21	490.0	308	2240	19.2	33	3700	13	15	.1
10	77.00	834	6725	57.5	22	580.0	338	1932	16.5	34	4400	2	2	
11	92.00	657	5891	50.4	23	690.0	275	1594	13.6					

09349500 PIEDRA RIVER NEAR PIEDRA, 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
PIEDRA RIVER NEAR PIEDRA, CD.

YEAR	1	3	7	15	30	60	90	120	183
1941	4400.0 2	4300.0 1	3940.0 1	3530.0 1	3020.0 1	2930.0 1	2430.0 1	1930.0 1	1360.0 1
1942	2670.0 8	2330.0 10	2170.0 8	1980.0 8	1780.0 8	1500.0 9	1350.0 7	1070.0 8	738.0 8
1943	1540.0 19	1470.0 18	1390.0 18	1250.0 18	977.0 18	820.0 17	721.0 16	589.0 16	436.0 18
1944	4000.0 4	3870.0 2	3130.0 2	2630.0 3	2350.0 2	2010.0 2	1580.0 3	1280.0 3	868.0 4
1945	2060.0 11	2010.0 11	1780.0 10	1530.0 12	1500.0 10	1330.0 10	1050.0 10	830.0 11	577.0 13
1946	1030.0 27	1020.0 27	950.0 26	797.0 29	587.0 31	559.0 28	456.0 28	365.0 30	284.0 30
1947	1640.0 16	1540.0 16	1440.0 16	1280.0 16	1090.0 16	884.0 16	686.0 17	558.0 17	446.0 17
1948	3890.0 5	3360.0 3	2900.0 4	2290.0 4	2190.0 4	1810.0 4	1450.0 5	1150.0 7	786.0 7
1949	3320.0 7	2970.0 6	2490.0 6	2260.0 5	1900.0 7	1710.0 6	1520.0 4	1240.0 4	849.0 5
1950	995.0 29	988.0 28	936.0 27	855.0 26	710.0 27	694.0 23	597.0 21	484.0 21	346.0 22
1951	1450.0 20	1380.0 21	1200.0 22	928.0 25	728.0 26	554.0 29	423.0 31	338.0 31	252.0 31
1952	3540.0 6	3160.0 5	3030.0 3	2820.0 2	2210.0 3	1980.0 3	1650.0 2	1330.0 2	929.0 2
1953	1630.0 17	1400.0 19	1210.0 21	1070.0 21	916.0 21	673.0 24	547.0 25	444.0 26	323.0 27
1954	1100.0 26	1070.0 25	1020.0 25	959.0 24	872.0 23	717.0 22	559.0 24	449.0 25	335.0 23
1955	1340.0 22	1290.0 22	1130.0 23	963.0 23	919.0 20	776.0 20	594.0 22	478.0 23	364.0 20
1956	1230.0 24	1180.0 24	1090.0 24	1030.0 22	895.0 22	726.0 21	612.0 20	481.0 22	332.0 26
1957	4350.0 3	3330.0 4	2630.0 5	2140.0 7	2020.0 6	1540.0 7	1310.0 8	1160.0 5	868.0 3
1958	2490.0 9	2450.0 8	2380.0 7	2250.0 6	2090.0 5	1740.0 5	1310.0 9	1020.0 9	702.0 9
1959	784.0 32	776.0 32	679.0 32	518.0 32	499.0 32	416.0 32	326.0 32	262.0 32	192.0 32
1960	1580.0 18	1540.0 17	1400.0 17	1270.0 17	1210.0 15	1050.0 14	1040.0 11	867.0 10	596.0 11
1961	1320.0 23	1260.0 23	1220.0 20	1170.0 19	965.0 19	812.0 18	627.0 18	499.0 18	382.0 19
1962	1780.0 14	1740.0 14	1660.0 13	1400.0 14	1370.0 12	1100.0 13	949.0 13	765.0 14	531.0 14
1963	1020.0 28	977.0 29	907.0 28	844.0 27	690.0 29	594.0 26	492.0 27	389.0 28	289.0 29
1964	1420.0 21	1380.0 20	1270.0 19	1140.0 20	865.0 24	587.0 27	449.0 30	382.0 29	297.0 28
1965	2460.0 10	2340.0 9	2060.0 9	1870.0 9	1660.0 9	1520.0 8	1410.0 6	1160.0 6	821.0 6
1966	1910.0 12	1850.0 12	1690.0 12	1380.0 15	1250.0 14	1040.0 15	903.0 14	737.0 15	529.0 15
1967	1170.0 25	1020.0 26	845.0 29	723.0 30	701.0 28	549.0 30	455.0 29	395.0 27	334.0 25
1968	1850.0 13	1790.0 13	1760.0 11	1590.0 11	1430.0 11	1120.0 12	873.0 15	769.0 13	579.0 12
1969	1750.0 15	1730.0 15	1610.0 14	1550.0 11	1320.0 13	1150.0 11	966.0 12	828.0 12	618.0 10
1970	5180.0 1	2730.0 7	1530.0 15	1450.0 13	1060.0 17	792.0 19	620.0 19	498.0 19	494.0 16
1971	835.0 31	798.0 31	731.0 31	703.0 31	652.0 30	549.0 31	527.0 26	452.0 24	335.0 24
1972	947.0 30	865.0 30	821.0 30	802.0 28	760.0 25	658.0 25	564.0 23	498.0 20	353.0 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
PIEDRA RIVER NEAR PIEDRA, CO.

YEAR	1	3	7	14	30	60	90	120	183
1941	36.00 17	38.00 17	38.00 13	41.00 15	49.00 19	60.00 25	71.00 27	74.00 25	112.00 27
1942	70.00 32	73.00 33	74.00 33	75.00 33	78.00 33	84.00 32	90.00 32	103.00 32	270.00 33
1943	44.00 24	49.00 25	49.00 24	50.00 23	52.00 21	53.00 18	55.00 20	58.00 19	61.00 15
1944	48.00 28	52.00 27	55.00 27	56.00 26	58.00 25	58.00 23	60.00 21	61.00 20	56.00 19
1945	45.00 25	46.00 23	48.00 23	50.00 24	52.00 22	53.00 19	54.00 18	57.00 18	65.00 18
1946	35.00 15	36.00 14	38.00 14	39.00 13	41.00 12	42.00 10	43.00 8	47.00 8	55.00 10
1947	47.00 26	50.00 26	52.00 25	53.00 25	54.00 24	59.00 24	62.00 24	68.00 22	90.00 22
1948	52.00 29	53.00 28	56.00 28	63.00 30	65.00 30	66.00 27	68.00 25	72.00 23	120.00 29
1949	36.00 18	41.00 20	43.00 19	44.00 19	46.00 17	47.00 14	48.00 13	51.00 12	55.00 11
1950	30.00 11	33.00 11	44.00 20	46.00 21	53.00 23	57.00 22	60.00 22	65.00 21	71.00 20
1951	17.00 1	22.00 2	28.00 3	31.00 5	33.00 4	35.00 3	37.00 3	38.00 3	45.00 2
1952	25.00 6	28.00 5	34.00 9	36.00 9	41.00 13	43.00 11	45.00 10	48.00 11	49.00 5
1953	35.00 16	37.00 15	45.00 22	49.00 22	51.00 20	53.00 20	54.00 19	54.00 15	64.00 16
1954	24.00 3	24.00 3	25.00 2	27.00 2	28.00 2	37.00 4	50.00 14	55.00 16	53.00 6
1955	30.00 12	33.00 12	36.00 12	37.00 12	37.00 8	39.00 5	41.00 5	45.00 6	80.00 21
1956	28.00 7	30.00 8	33.00 8	34.00 7	36.00 6	39.00 6	40.00 4	42.00 4	47.00 3
1957	18.00 2	20.00 1	21.00 1	22.00 1	23.00 1	26.00 1	30.00 1	32.00 1	34.00 1
1958	70.00 33	72.00 32	73.00 32	74.00 32	76.00 32	87.00 33	93.00 33	105.00 33	142.00 31
1959	30.00 13	33.00 13	35.00 10	36.00 10	37.00 7	39.00 7	42.00 6	47.00 9	56.00 12
1960	29.00 9	30.00 9	32.00 7	32.00 6	40.00 11	57.00 21	61.00 23	74.00 26	94.00 23
1961	38.00 19	41.00 21	41.00 18	43.00 17	44.00 15	45.00 13	47.00 12	48.00 10	54.00 8
1962	40.00 23	47.00 24	52.00 26	59.00 27	62.00 27	65.00 26	73.00 29	75.00 27	108.00 26
1963	28.00 8	29.00 7	31.00 6	35.00 8	38.00 9	50.00 17	51.00 15	55.00 17	64.00 17
1964	25.00 4	28.00 6	29.00 4	31.00 3	33.00 3	34.00 2	35.00 2	36.00 2	47.00 4
1965	38.00 20	43.00 22	44.00 21	45.00 20	47.00 18	49.00 16	52.00 16	53.00 13	58.00 13
1966	55.00 30	58.00 31	60.00 30	60.00 28	63.00 28	69.00 29	75.00 30	81.00 29	118.00 28
1967	32.00 14	38.00 16	39.00 15	40.00 14	44.00 16	48.00 15	54.00 17	54.00 14	60.00 14
1968	30.00 10	32.00 10	35.00 11	37.00 11	38.00 10	40.00 8	42.00 7	44.00 5	55.00 9
1969	38.00 21	40.00 19	41.00 16	42.00 16	43.00 14	44.00 12	45.00 11	46.00 7	53.00 7
1970	48.00 27	54.00 29	58.00 29	61.00 29	65.00 29	67.00 28	69.00 26	76.00 28	125.00 30
1971	55.00 31	58.00 30	61.00 31	64.00 31	67.00 31	70.00 30	72.00 28	73.00 24	99.00 24
1972	38.00 22	39.00 18	41.00 17	44.00 18	60.00 26	71.00 31	77.00 31	92.00 30	108.00 25
1973	25.00 5	26.00 4	30.00 5	31.00 4	34.00 5	40.00 9	44.00 9	95.00 31	177.00 32

09349500 PIEDRA RIVER NEAR PIEDRA, COLO.--Continued

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
138	91.3	64.4	55.5	58.1	116	554	1091	942	277	163	137
21330	4388	634	226	196	4682	79960	320400	405600	90920	14550	22910
146	66.2	25.2	15.0	14.0	68.4	283	566	637	302	121	151
3.82	2.46	1.49	0.98	0.42	1.88	0.70	1.47	1.24	2.11	1.96	3.78
1.06	0.73	0.39	0.27	0.24	0.59	0.51	0.52	0.68	1.09	0.74	1.11
3.74	2.48	1.75	1.50	1.58	3.15	15.0	29.6	25.5	7.51	4.43	3.71

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
2.02	1.89	1.78	1.73	1.75	2.01	2.69	2.99	2.88	2.26	2.12	2.00
0.09	0.06	0.02	0.01	0.01	0.04	0.05	0.04	0.08	0.15	0.08	0.10
0.30	0.24	0.15	0.11	0.11	0.21	0.23	0.21	0.28	0.38	0.29	0.32
0.84	0.98	0.65	0.32	-0.09	0.82	-0.24	0.33	0.11	0.59	0.13	0.70
0.15	0.13	0.09	0.06	0.06	0.10	0.09	0.07	0.10	0.17	0.14	0.16
7.72	7.23	6.82	6.62	6.71	7.70	10.3	11.4	11.0	8.66	8.11	7.66

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
308	19040	138	1.08	0.45	0.088

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
2.45	0.03	0.19	0.20	0.08	-0.022

09349800 PIEDRA RIVER NEAR ARBOLES, COLO.

LOCATION.--Lat 37°05'18", long 107°23'50", in NE¼SW¼ sec.21, T.33 N., R.5 W., Archuleta County, on left bank 3 mi (5 km) downstream from Ignacio Creek, 5.2 mi (8.4 km) northeast of Arboles Post Office, and 8 mi (13 km) upstream from mouth.

DRAINAGE AREA.--629 mi² (1,629 km²).

REMARKS.--Diversions for irrigation of about 2,800 acres (11.3 km²) above station.

OURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
PIEDRA RIVER NEAR ARBOLES, COLO.

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				
1963			6	4	5	33	40	36	46	34	10	24	14	14	14	6	4	7	12	7	10	6	13	13	5	2													
1964		2	9	11	62	34	11	25	22	20	15	24	16	12	13	5	13	12	13	7	9	7	6	2	3	7	6												
1965					2	31	54	46	14	11	18	11	11	13	6	4	8	9	10	8	7	7	5	2	6	8	29	11	17	9	6	2							
1966						5	23	45	34	50	27	21	15	14	13	4	8	5	5	7	6	16	14	13	15	17	6	2											
1967				1	15	37	58	22	7	7	15	19	14	27	26	23	19	16	7	14	9	9	8	1	1	1													
1968		1	1	4	5	26	46	51	21	27	14	4	5	10	5	9	6	8	17	11	7	8	10	14	19	4	8	10	8	7									
1969					5	45	67	34	14	2	5	3	5	15	22	10	7	14	4	8	11	7	16	9	15	23	10	8	6										
1970						3	40	36	26	30	25	13	19	21	20	22	22	8	12	13	12	8	4	9	7	10	1			1	1	1	1						
1971						9	12	71	54	46	14	28	10	14	7	1	12	5	26	22	24	10																	
1972			4	16	24	14	10	18	24	22	27	24	20	28	15	10	7	17	28	14	19	14	1																
1973				1	3				9	34	44	31	26	15	17	17	13	13	27	5	6	6	3	5	6	11	21	13	9	16	4	1							
1974				9	19	42	45	45	32	27	28	13	6	10	10	5	12	16	8	11	11	7	5	4															
1975					26	25	34	27	23	10	26	17	12	25	13	7	2	3	7	6	2	4	5	3	2	6	14	12	22	10	12	8	2						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4748	100.0	12	120.0	232	2506	52.8	24	820	86	557	11.7
1	20.00	3	4748	100.0	13	140.0	210	2274	47.9	25	970	58	471	9.9
2	24.00	10	4745	99.9	14	160.0	225	2064	43.5	26	1100	82	413	8.6
3	28.00	25	4735	99.7	15	190.0	195	1839	38.7	27	1300	103	331	6.9
4	32.00	98	4710	99.2	16	230.0	139	1644	34.6	28	1600	57	228	4.8
5	38.00	159	4612	97.1	17	270.0	126	1505	31.7	29	1800	75	171	3.6
6	45.00	284	4453	93.8	18	310.0	161	1379	29.0	30	2200	33	96	2.0
7	53.00	401	4169	87.8	19	370.0	114	1218	25.7	31	2500	28	63	1.3
8	62.00	346	3768	79.4	20	430.0	154	1104	23.3	32	3000	27	35	.7
9	73.00	359	3422	72.1	21	510.0	148	950	20.0	33	3500	6	8	.1
10	86.00	265	3063	64.5	22	600.0	122	802	16.9	34	4100	2	2	
11	100.00	292	2798	58.9	23	700.0	123	680	14.3					

09349800 PIEDRA RIVER NEAR ARBOLES, 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
PIEDRA RIVER NEAR ARBOLES, COLO.

YEAR	1	3	7	15	30	60	90	120	183
1963	1200.0 10	1150.0 9	1040.0 9	871.0 9	734.0 10	704.0 8	573.0 8	452.0 10	331.0 11
1964	1420.0 8	1410.0 8	1330.0 8	1220.0 8	911.0 8	636.0 9	494.0 11	408.0 12	317.0 12
1965	3090.0 4	2980.0 4	2670.0 3	2330.0 3	1900.0 3	1820.0 3	1730.0 3	1430.0 3	1020.0 3
1966	1870.0 7	1820.0 7	1720.0 6	1480.0 7	1340.0 6	1210.0 6	1090.0 5	917.0 5	649.0 5
1967	1330.0 9	1120.0 10	933.0 10	783.0 10	744.0 9	581.0 11	476.0 12	412.0 11	352.0 9
1968	2010.0 5	1930.0 6	1890.0 4	1720.0 5	1540.0 4	1220.0 5	964.0 6	840.0 6	642.0 6
1969	2000.0 6	1980.0 5	1830.0 5	1740.0 4	1450.0 5	1320.0 4	1160.0 4	989.0 4	734.0 4
1970	5360.0 1	3000.0 3	1660.0 7	1580.0 6	1140.0 7	851.0 7	676.0 7	543.0 7	537.0 7
1971	784.0 13	744.0 13	697.0 13	669.0 13	638.0 12	561.0 12	548.0 9	475.0 9	353.0 8
1972	850.0 12	786.0 12	744.0 12	715.0 12	681.0 11	601.0 10	533.0 10	481.0 8	349.0 10
1973	4140.0 2	3860.0 1	3590.0 1	3360.0 1	2940.0 1	2610.0 1	2230.0 1	1810.0 1	1280.0 1
1974	961.0 11	922.0 11	834.0 11	751.0 11	625.0 13	488.0 13	431.0 13	351.0 13	262.0 13
1975	3570.0 3	3400.0 2	3180.0 2	2660.0 2	2520.0 2	2250.0 2	2030.0 2	1650.0 2	1140.0 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
PIEDRA RIVER NEAR ARBOLES, COLO.

YEAR	1	3	7	14	30	60	90	120	183
1964	20.00 1	24.00 1	27.00 1	30.00 1	32.00 1	33.00 1	34.00 1	35.00 1	48.00 1
1965	40.00 7	42.00 8	48.00 8	50.00 8	52.00 8	53.00 7	56.00 6	58.00 4	71.00 5
1966	70.00 12	70.00 12	72.00 12	74.00 11	75.00 10	83.00 11	91.00 11	98.00 11	134.00 10
1967	36.00 5	40.00 5	41.00 5	43.00 5	49.00 5	54.00 8	63.00 8	70.00 7	71.00 6
1968	23.00 2	30.00 2	37.00 4	39.00 4	39.00 3	43.00 2	46.00 2	48.00 2	59.00 2
1969	40.00 8	40.00 6	44.00 7	49.00 7	50.00 7	51.00 5	52.00 5	54.00 3	59.00 3
1970	59.00 10	62.00 10	65.00 10	67.00 10	70.00 9	73.00 9	77.00 9	87.00 8	140.00 11
1971	66.00 11	69.00 11	72.00 11	76.00 12	80.00 12	83.00 10	86.00 10	88.00 9	117.00 8
1972	57.00 9	58.00 9	60.00 9	63.00 9	78.00 11	93.00 12	101.00 12	116.00 12	130.00 9
1973	29.00 3	31.00 3	34.00 2	35.00 2	36.00 2	44.00 3	51.00 3	90.00 10	220.00 12
1974	38.00 6	40.00 7	42.00 6	46.00 6	49.00 6	51.00 6	57.00 7	60.00 5	74.00 7
1975	33.00 4	34.00 4	36.00 3	37.00 3	43.00 4	46.00 4	51.00 4	62.00 6	63.00 4

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
165	111	85.2	67.2	75.4	234	691	1193	915	344	190	193
23530	6438	2088	817	1012	21950	168800	491400	502000	124100	16290	54770
153	80.2	45.7	28.6	31.8	148	411	701	709	352	128	234
2.46	2.05	1.25	1.70	1.63	0.85	0.58	1.26	0.92	1.37	1.97	3.17
0.93	0.72	0.54	0.42	0.42	0.63	0.59	0.59	0.77	1.02	0.67	1.21
3.88	2.59	2.00	1.58	1.77	5.49	16.2	28.0	21.5	8.07	4.47	4.52

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
2.11	1.97	1.88	1.80	1.85	2.28	2.77	3.02	2.83	2.34	2.20	2.13
0.09	0.07	0.05	0.03	0.03	0.09	0.07	0.06	0.13	0.18	0.08	0.11
0.30	0.26	0.22	0.16	0.17	0.30	0.26	0.24	0.36	0.42	0.28	0.33
1.16	0.84	0.28	0.61	0.39	-0.38	0.24	0.49	-0.12	0.54	-0.42	1.25
0.14	0.13	0.12	0.09	0.09	0.13	0.09	0.08	0.13	0.18	0.13	0.16
7.75	7.23	6.91	6.62	6.80	8.40	10.2	11.1	10.4	8.62	8.10	7.86

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
356	34900	187	1.11	0.52	-0.450

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
2.50	0.05	0.21	0.43	0.09	-0.484

SAN JUAN RIVER BASIN

09350500 SAN JUAN RIVER AT ROSA, N. MEX.

LOCATION.--Lat 37°00'21", long 107°24'18", in SW¼NE¼ sec.21, T.32 N., R.5 W., Archuleta County, 150 ft (46 m) upstream from highway bridge, 0.2 mi (0.3 km) downstream from Piedra River, 0.9 mi (1.4 km) upstream from Colorado-New Mexico State line, and 1.2 mi (1.9 km) north of Rosa.

DRAINAGE AREA.--1,990 mi² (5,154 km²).

REMARKS.--Diversions for irrigation of about 14,000 acres (56.7 km²) above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SAN JUAN RIVER AT ROSA, N. MEX.

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			
1931							6	32	65	35	25	21	13	25	12	13	13	8	10	10	17	18	12	12	10	7	1											
1932																																						
1933								12	66	27	15	40	23	23	11	11	32	21	21	11	5	7	2	4	5	6	11	9	3									
1934						11	7	13	40	42	60	46	20	12	13	13	27	11	5	4	11	10	10	8	1													
1935					3	3	19	31	49	10	12	30	8	10	2	11	12	11	9	6	17	7	10	13	11	6	11	26	12	6	14	6						
1936							3	12	26	52	23	20	23	16	17	20	20	14	12	12	8	12	16	4	5	8	14	18	10	1								
1938										3	16	49	42	23	17	7	12	17	15	7	15	12	16	9	9	10	14	3	13	16	12	16	10	2				
1939						1	3	8	19	49	48	27	15	15	19	20	14	8	12	6	7	6	10	19	13	19	19	8										
1940							4	4	17	44	60	41	31	17	19	12	9	12	19	13	5	11	5	6	14	14	8	1										
1941										1	11	27	19	38	29	9	13	18	10	15	12	10	12	12	14	11	14	8	7	8	12	17	17	13	5	3		
1942											2	8	9	15	13	26	46	40	14	19	12	11	12	15	10	6	7	10	18	19	26	14	8	4			1	
1943																																						
1944																																						
1945																																						
1946																																						
1947																																						
1948																																						
1949																																						
1950																																						
1951																																						
1952																																						
1953																																						
1954																																						
1955																																						
1956																																						
1957																																						
1958																																						
1959																																						
1960																																						
1961																																						
1962																																						
1963																																						
1964																																						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	12054	100.0	12	270.0	713	6806	56.5	24	2300	322	1721	14.2
1	39.00	27	12054	100.0	13	320.0	618	6093	50.5	25	2700	268	1399	11.6
2	47.00	20	12027	99.8	14	390.0	523	5475	45.4	26	3200	291	1131	9.3
3	56.00	24	12007	99.6	15	460.0	486	4952	41.1	27	3800	265	840	6.9
4	66.00	75	11983	99.4	16	550.0	457	4466	37.0	28	4600	233	575	4.7
5	79.00	150	11908	98.8	17	660.0	350	4009	33.3	29	5500	149	342	2.8
6	94.00	267	11758	97.5	18	780.0	350	3659	30.4	30	6500	108	193	1.6
7	110.00	586	11491	95.3	19	930.0	252	3309	27.5	31	7800	60	85	.7
8	130.00	1040	10905	90.5	20	1100.0	327	3057	25.4	32	9300	15	25	.2
9	160.00	1049	9865	81.8	21	1300.0	352	2730	22.6	33	11000	7	10	
10	190.00	1085	8816	73.1	22	1600.0	315	2378	19.7	34	13000	3	3	
11	230.00	925	7731	64.1	23	1900.0	342	2063	17.1					

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SAN JUAN RIVER AT ROSA, N. MEX.

YEAR	1	3	7	15	30	60	90	120	183
1931	3240.0 28	3070.0 26	2730.0 30	2600.0 28	2430.0 25	2010.0 25	1680.0 25	1380.0 24	1050.0 24
1932	8200.0 10	7670.0 10	7490.0 6	6800.0 6	5920.0 6	5370.0 5	5160.0 3	4520.0 3	3420.0 2
1933	5330.0 16	4940.0 16	4550.0 16	4080.0 15	3640.0 15	2560.0 18	1960.0 20	1640.0 20	1250.0 19
1934	3320.0 27	2260.0 33	2040.0 32	1730.0 33	1690.0 31	1320.0 33	1080.0 33	878.0 33	645.0 33
1935	8710.0 7	8460.0 7	8230.0 4	7600.0 3	6650.0 4	5590.0 4	4650.0 6	4050.0 4	2950.0 5
1936	6000.0 13	5300.0 15	4730.0 14	4540.0 13	4180.0 14	3640.0 13	2780.0 15	2360.0 15	1780.0 15
1938	8690.0 8	8180.0 8	7450.0 8	6570.0 9	5580.0 11	5030.0 8	4470.0 9	3710.0 9	2690.0 8
1939	3780.0 24	3350.0 24	3170.0 24	3090.0 23	2840.0 22	2410.0 20	2270.0 17	1810.0 17	1290.0 18
1940	3420.0 26	3060.0 27	2880.0 25	2740.0 26	2490.0 24	2020.0 24	1620.0 26	1340.0 26	958.0 29
1941	13600.0 1	13500.0 1	12200.0 1	11100.0 1	9740.0 1	8590.0 1	7310.0 1	6170.0 1	4440.0 1
1942	11300.0 3	8880.0 4	6960.0 10	6730.0 7	5910.0 7	5250.0 7	4870.0 4	3950.0 6	2750.0 6
1943	4420.0 20	4360.0 19	4150.0 17	3810.0 17	3090.0 18	2670.0 16	2430.0 16	2050.0 16	1500.0 16
1944	7990.0 11	7480.0 11	6340.0 11	5800.0 11	5630.0 9	4990.0 9	4030.0 10	3400.0 10	2350.0 10
1945	5560.0 15	5420.0 14	4990.0 13	4780.0 12	4310.0 12	3830.0 12	3240.0 13	2640.0 13	1880.0 13

09350500 SAN JUAN RIVER AT ROSA, N. MEX.--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 JUAN RIVER AT ROSA, N. MEX.

YEAR	1	3	7	15	30	60	90	120	183
1946	2620.0 32	2570.0 31	2400.0 31	1980.0 31	1490.0 33	1440.0 31	1190.0 31	968.0 31	750.0 31
1947	4330.0 21	3910.0 22	3540.0 23	3180.0 22	2740.0 23	2310.0 21	1830.0 22	1520.0 21	1220.0 20
1948	8230.0 9	7760.0 9	7150.0 9	5930.0 10	5870.0 8	4670.0 11	3960.0 11	3230.0 11	2250.0 11
1949	9900.0 5	8470.0 6	7460.0 7	6610.0 8	5620.0 10	4960.0 10	4620.0 7	3890.0 7	2750.0 7
1950	3070.0 30	2970.0 29	2790.0 28	2590.0 29	2280.0 28	2140.0 23	1850.0 21	1520.0 22	1120.0 22
1951	4460.0 19	4190.0 20	3640.0 22	2780.0 24	2220.0 30	1680.0 30	1300.0 30	1050.0 30	771.0 30
1952	9920.0 4	9020.0 3	8820.0 2	8320.0 2	6760.0 2	6080.0 2	5470.0 2	4560.0 2	3190.0 3
1953	5020.0 17	4700.0 17	4040.0 19	3590.0 19	3150.0 17	2240.0 22	1820.0 23	1500.0 23	1100.0 23
1954	3210.0 29	3030.0 28	2800.0 27	2640.0 27	2350.0 26	1970.0 27	1590.0 27	1290.0 28	985.0 28
1955	3480.0 25	3300.0 25	2860.0 26	2380.0 30	2270.0 29	1960.0 28	1540.0 29	1280.0 29	996.0 26
1956	4230.0 22	4090.0 21	3820.0 20	3500.0 21	3060.0 19	2450.0 19	2050.0 19	1660.0 19	1150.0 21
1957	11800.0 2	9120.0 2	8580.0 3	7090.0 4	6750.0 3	5260.0 6	4530.0 8	4000.0 5	2980.0 4
1958	8720.0 6	8680.0 5	7960.0 5	6980.0 5	6480.0 5	5890.0 3	4650.0 5	3780.0 8	2630.0 9
1959	2320.0 33	2290.0 32	2020.0 33	1750.0 32	1650.0 32	1380.0 32	1100.0 32	890.0 32	673.0 32
1960	6010.0 12	5540.0 12	4650.0 15	3940.0 16	3790.0 15	3260.0 15	3380.0 12	2950.0 12	2060.0 12
1961	3950.0 23	3760.0 23	3650.0 21	3590.0 20	3000.0 20	2610.0 17	2130.0 18	1750.0 18	1300.0 17
1962	5700.0 14	5490.0 13	5100.0 12	4480.0 14	4300.0 13	3540.0 14	3140.0 14	2600.0 14	1830.0 14
1963	3040.0 31	2880.0 30	2770.0 29	2740.0 25	2290.0 27	1960.0 29	1710.0 24	1360.0 25	992.0 27
1964	4460.0 18	4360.0 18	4140.0 18	3760.0 18	2880.0 21	1990.0 26	1550.0 28	1310.0 27	1020.0 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
SAN JUAN RIVER AT ROSA, N. MEX.

YEAR	1	3	7	14	30	60	90	120	183
1932	120.00 28	120.00 25	123.00 22	141.00 24	200.00 30	250.00 30	276.00 30	313.00 30	395.00 30
1933	113.00 28	120.00 26	120.00 20	125.00 17	141.00 16	147.00 14	147.00 12	160.00 12	204.00 13
1934	150.00 30	150.00 30	150.00 30	164.00 29	184.00 29	192.00 26	198.00 23	207.00 22	285.00 24
1935	70.00 13	73.00 9	85.00 7	88.00 6	112.00 8	119.00 7	123.00 5	131.00 5	173.00 8
1936	100.00 21	103.00 20	116.00 17	129.00 18	146.00 19	148.00 15	152.00 15	167.00 13	259.00 22
1939	110.00 25	120.00 27	126.00 23	134.00 19	141.00 17	150.00 16	155.00 16	173.00 16	310.00 25
1940	73.00 15	84.00 14	91.00 10	111.00 15	125.00 14	140.00 13	151.00 14	169.00 14	229.00 20
1941	101.00 22	113.00 23	122.00 21	140.00 21	159.00 25	209.00 28	242.00 29	270.00 28	320.00 26
1942	230.00 32	243.00 32	297.00 32	346.00 32	379.00 32	399.00 32	423.00 32	486.00 32	1020.00 32
1943	110.00 26	130.00 28	146.00 28	149.00 25	159.00 26	169.00 19	181.00 21	189.00 19	209.00 14
1944	130.00 29	140.00 29	147.00 29	151.00 27	156.00 23	169.00 20	174.00 17	187.00 17	200.00 12
1945	105.00 23	108.00 21	116.00 18	119.00 16	143.00 18	156.00 17	176.00 18	194.00 20	209.00 15
1946	65.00 9	77.00 11	91.00 11	93.00 7	114.00 10	134.00 12	138.00 11	151.00 9	175.00 9
1947	87.00 19	97.00 19	120.00 19	141.00 22	150.00 20	171.00 23	201.00 24	221.00 24	260.00 23
1948	105.00 24	115.00 24	139.00 27	164.00 30	179.00 28	195.00 27	207.00 26	235.00 25	341.00 27
1949	80.00 17	83.00 13	93.00 12	97.00 9	116.00 12	126.00 10	135.00 9	153.00 10	159.00 6
1950	59.00 4	89.00 15	129.00 24	152.00 28	159.00 24	176.00 25	195.00 22	216.00 23	235.00 21
1951	60.00 5	61.00 3	65.00 3	76.00 3	85.00 3	109.00 5	114.00 3	120.00 3	136.00 2
1952	67.00 11	69.00 8	73.00 4	81.00 4	105.00 6	125.00 9	127.00 6	145.00 7	175.00 10
1953	72.00 14	95.00 18	130.00 25	149.00 26	160.00 27	170.00 21	177.00 19	187.00 18	212.00 16
1954	45.00 2	45.00 2	47.00 2	52.00 2	63.00 2	90.00 2	148.00 13	169.00 15	162.00 7
1955	75.00 16	89.00 16	96.00 13	106.00 12	115.00 11	127.00 11	136.00 10	148.00 8	220.00 17
1956	60.00 6	75.00 10	106.00 16	107.00 13	113.00 9	119.00 8	129.00 7	138.00 6	158.00 5
1957	39.00 1	41.00 1	42.00 1	42.00 1	45.00 1	61.00 1	79.00 1	84.00 1	101.00 1
1958	180.00 31	187.00 31	193.00 31	205.00 31	221.00 31	258.00 31	308.00 31	402.00 31	458.00 31
1959	60.00 7	67.00 6	77.00 5	81.00 5	87.00 4	107.00 4	135.00 8	155.00 11	184.00 11
1960	85.00 18	89.00 17	96.00 14	111.00 14	141.00 15	215.00 29	226.00 28	280.00 29	361.00 29
1961	70.00 12	80.00 12	86.00 8	99.00 10	107.00 7	116.00 6	123.00 4	131.00 4	142.00 3
1962	60.00 8	63.00 4	96.00 15	141.00 23	154.00 22	170.00 22	219.00 27	254.00 27	344.00 28
1963	55.00 3	65.00 5	80.00 6	99.00 11	118.00 13	172.00 24	205.00 25	244.00 26	227.00 19
1964	66.00 10	69.00 7	91.00 9	94.00 8	101.00 5	106.00 3	108.00 2	115.00 2	149.00 4
1965	97.00 20	113.00 22	133.00 26	139.00 20	153.00 21	162.00 18	180.00 20	200.00 21	224.00 18

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)											
410	264	182	172	266	685	2254	3284	2950	924	487	378
233300	37400	6737	3356	21770	188400	1932000	2925000	3968000	964200	116400	60700
483	193	82.1	57.9	148	434	1390	1710	1992	982	341	246
4.51	3.09	2.79	2.34	2.28	1.67	0.79	1.63	0.80	1.82	1.89	0.95
1.18	0.73	0.45	0.34	0.55	0.63	0.62	0.52	0.68	1.06	0.70	0.65
3.35	2.15	1.49	1.41	2.17	5.59	18.4	26.8	24.1	7.54	3.97	3.09

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)											
2.49	2.36	2.23	2.22	2.38	2.77	3.27	3.47	3.36	2.78	2.50	2.48
0.09	0.05	0.02	0.02	0.04	0.06	0.08	0.04	0.10	0.16	0.07	0.10
0.29	0.22	0.15	0.13	0.19	0.24	0.29	0.21	0.32	0.40	0.27	0.31
0.98	1.24	1.25	0.74	0.82	0.43	-0.17	0.20	-0.37	0.51	0.29	-0.40
0.12	0.09	0.07	0.06	0.08	0.09	0.09	0.06	0.10	0.14	0.10	0.12
7.68	7.27	6.89	6.85	7.34	8.54	10.1	10.7	10.4	8.57	8.03	7.66

09350500 SAN JUAN RIVER AT ROSA, N. MEX.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN 1022	VARIANCE 269300	STANDARD DEVIATION 519	SKEWNESS 0.92	COEFF. OF VARIATION 0.51	SERIAL CORR -0.069
--------------	--------------------	---------------------------	------------------	-----------------------------	-----------------------

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN 2.96	VARIANCE 0.05	STANDARD DEVIATION 0.21	SKEWNESS 0.24	COEFF. OF VARIATION 0.07	SERIAL CORR -0.117
--------------	------------------	----------------------------	------------------	-----------------------------	-----------------------

09352900 VALLECITO CREEK NEAR BAYFIELD, COLO.

LOCATION.--Lat 37°28'39", long 107°32'35", in NE¼NW¼ sec.16, T.37 N., R.6 W., La Plata County, on right bank 60 ft (18 m) upstream from Fall Creek, 0.8 mi (1.3 km) downstream from Bear Creek, 6.7 mi (10.8 km) north of Vallecito Dam, and 18 mi (29 km) north of Bayfield.

DRAINAGE AREA.--72.1 mi² (186.7 km²).

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN VALLECITO CREEK NEAR BAYFIELD, CO.	0	1	2	3	4	5	6	7	8	9	10	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																																				
1963					1	29	38	29	9	10	9	25	19	9	24	26	28	25	16	16	10	8	2	3	8	10	3	6	1	1							
1964	14	57			14	30	15	16	17	11	12	14	14	9	16	15	20	13	8	12	11	3	3	9	4	1	2	4	5								
1965					1	14	88	50	17	11	5	3	4	2	1	6	4	8	9	15	16	20	4	4	11	16	15	9	12	14	5	1					
1966					4	30	15	23	15	27	23	17	21	14	12	16	25	14	24	13	11	6	6	12	11	5	14	5	2								
1967					6	41	21	35	32	7	15	11	16	23	22	20	14	20	9	7	10	7	8	9	13	7	3	4	5								
1968	2	14	42	64	16	13	15	13	8	18	14	10	11	8	3	3	7	12	13	5	10	10	12	6	5	7	5	4	13	3							
1969	1	4	36	71	13	14	28	5	17	11	1	1	1	8	11	8	12	9	8	10	7	12	19	17	15	10	7	6	4								
1970					2	55	30	12	14	20	13	4	13	17	20	14	25	25	11	7	14	9	10	8	13	6	6	9	4	1			1		1	2	
1971					5	20	5	52	21	20	17	14	18	20	34	18	7	14	17	14	13	13	7	8	6	7	13	2									
1972					1	17	7	26	15	21	24	14	15	30	37	34	18	20	13	9	7	12	6	6	6	18	7	3									
1973								10	50	30	31	10	17	12	12	14	9	15	13	25	17	11	5	3	6	15	4	12	16	7	12	9					
1974	2	11	23	38	46	14	8	13	12	38	21	9	10	9	9	12	12	10	10	6	16	14	5	4	11	2											
1975					20	50	17	27	20	19	13	12	17	21	18	9	9	6	8	11	4	2	8	7	6	12	4	11	8	8	14	4					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4748	100.0	12	50.0	165	2536	53.4	24	340	120	628	13.2
1	8.30	2	4748	100.0	13	58.0	185	2371	49.9	25	400	147	508	10.6
2	9.90	28	4746	100.0	14	69.0	209	2186	46.0	26	480	83	361	7.6
3	12.00	98	4718	99.4	15	81.0	200	1977	41.6	27	560	86	278	5.8
4	14.00	164	4620	97.3	16	95.0	160	1777	37.4	28	660	72	192	4.0
5	16.00	388	4456	93.9	17	110.0	201	1617	34.1	29	770	51	120	2.5
6	19.00	319	4068	85.7	18	130.0	166	1416	29.8	30	910	48	69	1.4
7	22.00	325	3749	79.0	19	150.0	171	1250	26.3	31	1100	18	21	.4
8	26.00	272	3424	72.1	20	180.0	136	1079	22.7	32	1300		3	
9	31.00	194	3152	66.4	21	210.0	140	943	19.9	33	1500	1	3	
10	36.00	235	2958	62.3	22	250.0	89	803	16.9	34	1700	2	2	
11	42.00	187	2723	57.4	23	290.0	86	714	15.0					

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

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN VALLECITO CREEK NEAR BAYFIELD, CO.	1	3	7	15	30	60	90	120	183									
1963	786.0	9	727.0	9	605.0	10	567.0	9	477.0	9	327.0	12	263.0	12	222.0	12	182.0	10
1964	810.0	7	794.0	7	779.0	7	655.0	7	478.0	8	332.0	11	270.0	11	228.0	11	171.0	12
1965	1110.0	5	1030.0	5	936.0	5	841.0	4	784.0	4	663.0	3	556.0	3	489.0	2	365.0	1
1966	792.0	8	760.0	8	660.0	8	607.0	8	544.0	7	475.0	6	382.0	6	325.0	7	242.0	7
1967	716.0	10	684.0	10	660.0	9	538.0	10	448.0	11	357.0	9	282.0	10	251.0	8	190.0	8
1968	1190.0	4	1120.0	4	1070.0	2	882.0	3	851.0	3	607.0	4	504.0	4	417.0	4	293.0	5
1969	973.0	6	940.0	6	861.0	6	812.0	5	684.0	5	562.0	5	494.0	5	417.0	5	315.0	4
1970	3020.0	1	1820.0	1	950.0	4	789.0	6	579.0	6	461.0	7	338.0	7	332.0	6	279.0	6
1971	592.0	11	568.0	11	542.0	11	496.0	11	455.0	10	354.0	10	283.0	9	247.0	9	187.0	9
1972	568.0	12	552.0	12	514.0	12	481.0	12	429.0	12	362.0	8	288.0	8	239.0	10	179.0	11
1973	1250.0	2	1210.0	2	1130.0	1	978.0	2	934.0	1	800.0	1	636.0	1	515.0	1	365.0	2
1974	496.0	13	471.0	13	430.0	13	382.0	13	356.0	13	283.0	13	233.0	13	204.0	13	148.0	13
1975	1230.0	3	1150.0	3	1060.0	3	997.0	1	892.0	2	734.0	2	592.0	2	475.0	3	333.0	3

09352900 VALLECITO CREEK NEAR BAYFIELD, 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
VALLECITO CREEK NEAR BAYFIELD, CO.

YEAR	1	3	7	14	30	60	90	120	183
1964	11.00 4	11.00 2	11.00 2	11.00 1	12.00 1	12.00 1	13.00 1	14.00 1	20.00 1
1965	15.00 8	16.00 8	16.00 9	16.00 9	19.00 9	20.00 8	20.00 6	20.00 6	25.00 5
1966	17.00 10	18.00 10	19.00 10	20.00 11	20.00 10	22.00 11	25.00 11	29.00 10	51.00 10
1967	14.00 5	14.00 5	15.00 7	16.00 6	17.00 6	17.00 6	20.00 7	22.00 7	28.00 6
1968	10.00 2	11.00 3	13.00 3	13.00 3	14.00 3	14.00 3	15.00 3	15.00 2	20.00 2
1969	10.00 3	12.00 4	13.00 4	14.00 4	14.00 4	15.00 4	16.00 4	16.00 4	21.00 3
1970	18.00 11	19.00 11	19.00 11	19.00 10	20.00 11	20.00 7	22.00 8	25.00 9	53.00 11
1971	14.00 6	15.00 6	15.00 5	16.00 7	16.00 7	21.00 9	22.00 9	24.00 8	37.00 8
1972	15.00 9	16.00 9	16.00 8	17.00 8	18.00 8	21.00 10	25.00 10	33.00 11	46.00 9
1973	22.00 12	23.00 12	24.00 12	25.00 12	26.00 12	27.00 12	30.00 12	34.00 12	86.00 12
1974	8.40 1	9.80 1	10.00 1	11.00 2	13.00 2	13.00 2	14.00 2	15.00 3	21.00 4
1975	14.00 7	15.00 7	15.00 6	15.00 5	15.00 5	16.00 5	17.00 5	19.00 5	29.00 7

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
79.0	43.5	26.3	20.4	18.4	31.2	100	416	463	248	128	120
4711	618	105	37.3	15.9	277	2322	9632	62750	27970	2319	11990
68.6	24.8	10.2	6.11	3.99	16.6	48.2	98.1	251	167	48.2	109
2.40	0.88	0.59	0.91	0.28	2.10	0.24	0.05	0.54	0.90	0.65	2.73
0.87	0.57	0.39	0.30	0.22	0.53	0.48	0.24	0.52	0.67	0.38	0.92
4.61	2.54	1.53	1.19	1.08	1.82	5.84	24.3	28.2	14.5	7.45	6.98

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.80	1.57	1.39	1.29	1.26	1.45	1.95	2.61	2.63	2.31	2.08	1.97
0.08	0.06	0.03	0.02	0.01	0.04	0.05	0.01	0.05	0.08	0.03	0.08
0.28	0.25	0.17	0.12	0.10	0.20	0.22	0.11	0.23	0.29	0.18	0.29
1.19	0.15	0.12	0.35	-0.31	0.56	-0.10	-0.63	0.03	0.32	-0.70	0.91
0.16	0.16	0.12	0.10	0.08	0.14	0.11	0.04	0.09	0.12	0.08	0.15
8.06	7.06	6.23	5.80	5.63	6.50	8.74	11.7	11.8	10.3	9.31	8.84

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
143	1852	43.0	0.42	0.30	-0.453

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
2.14	0.02	0.13	0.01	0.06	-0.447

09353500 LOS PINOS RIVER NEAR BAYFIELD, COLO.

LOCATION.--Lat 37°22'58", long 107°34'37", in SW¼ sec.18, T.36 N., R.6 W., La Plata County, on left side of outlet flume from Vallecito Reservoir, 0.4 mi (0.6 km) upstream from Jack Creek, 2.0 mi (3.2 km) upstream from Red Creek, and 11 mi (18 km) north of Bayfield.

DRAINAGE AREA.--270 mi² (700 km²), approximately.

REMARKS.--Flow regulated by Vallecito Reservoir (capacity, 126,280 acre-ft or 156 hm³) since April 1941. Transmountain diversions above station by Weminuche Pass and Pine River-Weminuche Pass ditches. Statistical summaries are shown for two periods, 1928-40 and water years 1942-75.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LOS PINOS RIVER NEAR BAYFIELD, 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			
1928													65	42	55	12	23	27	26	40	7	4	3	10	16	6	10	11	4	3	2							
1929										59	9	64	22	22	5	4	5	6	8	22	25	19	10	12	12	10	21	14	14	2								
1930									33	18	9	39	11	20	29	9	19	15	22	15	19	22	13	18	20	8	10	7	7	2								
1931									59	35	15	32	21	16	25	18	16	17	16	16	14	7	13	7	11	11	9	7										
1932													30	83	20	20	24	10	15	11	13	15	17	7	13	18	16	9	9	19	11	6						
1933										62	31	24	27	15	40	22	26	28	7	7	12	7	11	3	8	2	9	10	8	4	2							
1934										60	31	26	40	33	60	18	18	11	6	8	10	11	8	6	12	7												
1935									54	38	10	25	10	7	36	3	14	10	5	10	23	27	14	8	14	8	5	13	6	2	6	8	7	2				

09353500 LOS PINOS RIVER NEAR BAYFIELD, COLO.--Continued

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

CLASS YEAR	NUMBER OF DAYS IN CLASS																																			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
1936											58	22	12	27	20	12	22	20	25	17	19	15	12	5	12	8	11	15	16	15	1	2				
1937												33	54	11	23	44	38	25	21	10	5	6	8	5	5	5	13	26	8	5	6	5	9			
1938								2	12	56	23	13	23	14	28	8	19	5	14	12	15	12	16	14	7	5	8	9	12	18	2	16	2			
1939										7	41	41	21	19	26	13	15	30	26	24	21	14	11	7	14	16	11	6	2							
1940	2		1							53	39	34	29	27	56	11	17	15	7	7	14	4	10	7	18	2	13									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4749	100.0	12	68.0	359	3945	83.1	24	550	123	902	18.9
1	10.00	2	4749	100.0	13	81.0	324	3586	75.5	25	650	156	779	16.4
2	12.00	0	4747	100.0	14	96.0	383	3262	68.7	26	780	119	623	13.1
3	14.00	0	4747	100.0	15	110.0	453	2879	60.6	27	920	144	504	10.6
4	17.00	1	4747	100.0	16	140.0	216	2426	51.1	28	1100	106	360	7.5
5	20.00	0	4746	99.9	17	160.0	241	2210	46.5	29	1300	89	254	5.3
6	24.00	0	4746	99.9	18	190.0	218	1969	41.5	30	1600	69	165	3.4
7	28.00	0	4746	99.9	19	230.0	176	1751	36.9	31	1900	44	96	2.0
8	34.00	2	4746	99.9	20	270.0	180	1575	33.2	32	2200	41	52	1.0
9	40.00	158	4744	99.9	21	320.0	177	1395	29.4	33	2600	9	11	.2
10	48.00	387	4586	96.6	22	390.0	165	1218	25.6	34	3100	2	2	
11	57.00	254	4199	88.4	23	460.0	151	1053	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
LOS PINOS RIVER NEAR BAYFIELD, CO.

YEAR	1	3	7	15	30	60	90	120	183
1928	2050.0 7	1940.0 7	1730.0 7	1420.0 7	1140.0 9	986.0 7	775.0 7	633.0 8	467.0 8
1929	2220.0 5	2140.0 5	2040.0 5	1790.0 5	1720.0 5	1470.0 4	1230.0 4	1120.0 3	916.0 3
1930	1660.0 9	1610.0 9	1430.0 9	1300.0 9	1160.0 8	861.0 9	715.0 9	668.0 7	515.0 7
1931	1200.0 11	1170.0 11	1130.0 10	1030.0 11	911.0 11	761.0 11	603.0 11	508.0 11	396.0 11
1932	2440.0 4	2410.0 3	2270.0 4	2150.0 4	1830.0 3	1630.0 3	1390.0 2	1160.0 2	889.0 2
1933	2000.0 8	1930.0 8	1730.0 6	1510.0 6	1330.0 6	980.0 8	733.0 8	595.0 9	461.0 9
1934	877.0 13	834.0 13	780.0 13	687.0 13	664.0 13	506.0 13	386.0 13	317.0 13	252.0 13
1935	3240.0 1	3040.0 1	2950.0 1	2700.0 1	2280.0 1	1650.0 2	1300.0 3	1080.0 4	806.0 4
1936	2120.0 6	1970.0 6	1590.0 8	1340.0 8	1330.0 7	1160.0 6	919.0 6	782.0 6	608.0 6
1937	2450.0 3	2410.0 4	2370.0 3	2180.0 3	1800.0 4	1400.0 5	1180.0 5	954.0 5	681.0 5
1938	2970.0 2	2580.0 2	2480.0 2	2280.0 2	2090.0 2	1720.0 1	1440.0 1	1170.0 1	888.0 3
1939	1300.0 10	1260.0 10	1120.0 11	1040.0 10	993.0 10	818.0 10	646.0 10	539.0 10	427.0 10
1940	1090.0 12	1090.0 12	1070.0 12	1010.0 12	875.0 12	663.0 12	506.0 12	420.0 12	326.0 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
LOS PINOS RIVER NEAR BAYFIELD, CO.

YEAR	1	3	7	14	30	60	90	120	183
1929	70.00 12	70.00 12	70.00 12	70.00 12	71.00 12	76.00 12	84.00 12	88.00 11	103.00 9
1930	40.00 3	40.00 3	40.00 2	40.00 2	42.00 2	49.00 3	57.00 7	65.00 7	121.00 10
1931	42.00 5	42.00 5	42.00 5	42.00 4	42.00 3	44.00 2	48.00 2	52.00 2	70.00 2
1932	76.00 13	82.00 13	90.00 13	90.00 13	90.00 13	93.00 13	98.00 13	100.00 13	138.00 11
1933	50.00 8	50.00 6	50.00 6	50.00 6	50.00 6	52.00 6	54.00 5	60.00 4	76.00 3
1934	50.00 9	50.00 7	50.00 7	50.00 7	50.00 7	50.00 4	53.00 3	60.00 5	92.00 6
1935	40.00 4	40.00 4	40.00 3	40.00 3	40.00 1	42.00 1	45.00 1	50.00 1	69.00 1
1936	48.00 6	50.00 8	52.00 8	52.00 8	52.00 8	53.00 7	58.00 8	65.00 8	95.00 7
1937	59.00 11	63.00 11	65.00 11	66.00 11	69.00 11	71.00 11	71.00 10	78.00 10	103.00 8
1938	38.00 2	39.00 2	41.00 4	44.00 5	47.00 4	50.00 5	53.00 4	59.00 3	80.00 4
1939	54.00 10	55.00 10	56.00 10	57.00 10	59.00 10	62.00 9	67.00 9	77.00 9	149.00 12
1940	48.00 7	50.00 9	53.00 9	53.00 9	54.00 9	55.00 8	57.00 6	62.00 6	85.00 5
1941	3.20 1	13.00 1	14.00 1	26.00 1	49.00 5	66.00 10	78.00 11	90.00 12	154.00 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)											
192	116	71.5	60.9	63.0	107	416	1040	1061	417	304	281
7593	1615	446	339	192	494	29850	167300	386400	60710	52250	24340
87.1	40.2	21.1	18.4	13.8	22.2	173	409	622	246	229	156
0.84	0.97	0.55	0.80	0.98	-0.05	0.22	0.41	0.62	0.56	1.53	1.72
0.45	0.35	0.30	0.30	0.22	0.21	0.42	0.39	0.59	0.59	0.75	0.56
4.66	2.80	1.73	1.48	1.53	2.60	10.1	25.2	29.7	10.1	7.35	6.80

09353500 LOS PINOS RIVER NEAR BAYFIELD, 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)											
2.25	2.04	1.84	1.77	1.79	2.02	2.58	2.99	2.94	2.54	2.38	2.40
0.03	0.02	0.02	0.02	0.01	0.01	0.04	0.03	0.10	0.08	0.09	0.04
0.19	0.14	0.13	0.13	0.09	0.09	0.20	0.18	0.31	0.29	0.30	0.21
0.50	0.41	0.22	0.44	0.65	-0.56	-0.38	-0.04	-0.97	-0.42	0.46	0.71
0.08	0.07	0.07	0.07	0.05	0.05	0.08	0.06	0.11	0.11	0.13	0.09
8.16	7.41	6.67	6.42	6.50	7.34	9.37	10.8	10.7	9.22	8.66	8.71

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
345	13280	115	0.20	0.33	-0.237

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.51	0.02	0.15	-0.30	0.06	-0.161

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LOS PINOS RIVER NEAR BAYFIELD, 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																																						
1942											29	2	2	4	2	6	13	26	1	73	29	7	30	47	9	20	19	15	3	5	20	3						
1943										25	88	14	4	40	3	9	2	10	1	16	18	42	44	3	24	7	3	12										
1944			1	3	1						79	22	50	6	3	1	25	1	1	32	4	16	18	26	10	11	3	7	7	34	4							
1945			1		2	11	70	33	19	17	45	1	2	1	2			3	2	6	44	32	20	8	23	10	9	4										
1946					39	23	62	1	2	20	1	2	1	51	5	4	11	34	13	25	44	27																
1947					18	1	141	22	1	1	2			4	1	2	11	15	23	21	23	52	3	2	16	6												
1948							3							1			65	70	8	8	11	40	20	37	45	9	10	9	6	6	6	12						
1949						10	36	34	2	4	4	6	3	22	10	1	15	1	10	6	47	30	22	27	24	8	14	2	12	8	7							
1950					32	102	13	1	1	7	13	1	7	1	3	16	6	10	17	25	34	67	9															
1951					104	57	1	1	8	1	12	1	4	6	25	2			33	6	25	9	30	40														
1952					116	12	1	4	1	4	25	1	2		7	4	3	10	7	11	20	26	2	3	38	32	11	9	8	9								
1953								148	7		1	6	2	11	20	16	15	4	32	35	17	51																
1954					122	31		1	22	1	7	1	2	5	1	4	2	16	20	41	30	59																
1955						143		1	1	4	1	8	12	1	33	12	5	9	47	34	33	21																
1956						54	88	12	1	1	4	3	1	2	5	10	8	10	39	17	30	81																
1957					93	46	20	1	2	5	16	2	1	2	5	9	13	8	3	9	8	23	30	8	15	7	9	6	12	7	2	3						
1958							4	87	32	1	1	1	10	6	3	1	3	8	69	11	65	3	12	5	2	5	18	18										
1959						14	147	2	2	4	1	3	4	6	2	11	3	19	36	24	8	36	43															
1960						21	127		1		2	22	1	6	1	1	5	5	13	30	22	77	13	6	12													
1961						48	133	1	2	2		12	2					3	13	7	19	30	12	45	24	8	4											
1962							74	14		1	19	1					28	41	2	2	23	12	11	80	31	14	1	3	8									
1963						10	7	34	119	2	1	1	2	12	15	8	1	32	8	25	28	60																
1964						28	129	29	2	1	4	5	3	1	2	13	2	13	12	10	31	27	54															
1965						89	39	3	45		1	5	1	11	1			15	1			2	57	15	13	17	18	13	16	2								
1966										104	14	1	9	10	13	4	12	6	3	15	19	20	54	48	10	14	7	1	1									
1967							162	1			1	1		7	12	4	2	2	10	44	63	56																
1968						111	40	17	1	2	1	8		7	11	1	1	5	20	9	26	43	40	5	4	6	3	4										
1969							36	140			2		1		2	2	9	4	3	10	20	67	18	16	9	6	15	2	2									
1970						23		1	1	43	2	2	35	13	21	2	4	17	1	3	11	1	4	3	48	48	45	22	9	3	3							
1971		1				21	34	1	1	1	1	3	29	75	1	11	2	1	2	4	2	37	31	51	56													
1972						24	2	30	2	27	7	31	1	4	2	56	4	3	6	12	25	9	28	55	38													
1973								16	42	5	2	52	15	32	13	1	7	2	1	13	2	23	18	44	4	12	10	18	10	17	6							
1974			1	3		2	14	1	10	86	84	1	1	4	3	3	2	4	6	26	34	20	60															
1975							18	138	3	3		7	3	9	12	3			3	4	1	1	19	25	11	37	13	11	6	12	15	11						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	12418	100.0	12	72.0	244	7801	62.8	24	550	1436	3140	25.2
1	11.00	1	12418	100.0	13	85.0	229	7557	60.9	25	660	703	1704	13.7
2	13.00	1	12417	100.0	14	100.0	239	7328	59.0	26	780	250	1001	8.0
3	15.00	26	12416	100.0	15	120.0	154	7089	57.1	27	920	217	751	6.0
4	18.00	13	12390	99.8	16	140.0	314	6935	55.8	28	1100	127	534	4.3
5	22.00	191	12377	99.7	17	170.0	281	6621	53.3	29	1300	111	407	3.2
6	26.00	397	12186	98.1	18	200.0	297	6340	51.1	30	1500	133	296	2.3
7	31.00	825	11789	94.9	19	240.0	321	6043	48.7	31	1800	122	163	1.3
8	36.00	1109	10964	88.3	20	280.0	320	5722	46.1	32	2200	36	41	.3
9	43.00	840	9855	79.4	21	330.0	515	5402	43.5	33	2600	2	5	
10	51.00	749												

09353500 LOS PINOS RIVER NEAR BAYFIELD, 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
LOS PINOS RIVER NEAR BAYFIELD, CO.

YEAR	1	3	7	15	30	60	90	120	183
1942	1940.0 9	1910.0 9	1790.0 9	1570.0 9	1420.0 9	1140.0 10	959.0 10	841.0 11	653.0 11
1943	1290.0 16	1280.0 16	1270.0 16	1200.0 14	963.0 16	815.0 15	712.0 17	642.0 17	527.0 17
1944	2220.0 5	2220.0 5	2200.0 5	2160.0 3	2090.0 1	1810.0 1	1420.0 1	1250.0 1	917.0 2
1945	1290.0 17	1260.0 17	1140.0 18	1040.0 17	910.0 17	773.0 17	666.0 20	589.0 23	433.0 27
1946	600.0 32	600.0 32	600.0 32	600.0 32	585.0 33	551.0 34	521.0 33	476.0 33	377.0 33
1947	1280.0 18	1230.0 18	1160.0 17	1100.0 16	971.0 15	785.0 16	718.0 16	648.0 16	510.0 18
1948	2520.0 2	2520.0 2	2500.0 2	2400.0 1	1880.0 2	1300.0 8	1200.0 6	1080.0 4	886.0 3
1949	2390.0 3	2390.0 3	2380.0 3	2190.0 2	1850.0 3	1350.0 6	1200.0 7	1070.0 5	869.0 4
1950	691.0 24	684.0 24	672.0 24	660.0 25	651.0 25	633.0 24	602.0 24	577.0 24	463.0 23
1951	588.0 34	586.0 34	584.0 34	576.0 34	563.0 34	554.0 33	514.0 34	464.0 34	347.0 34
1952	2010.0 8	2010.0 8	1930.0 8	1830.0 7	1500.0 8	1310.0 7	1180.0 8	1070.0 6	832.0 6
1953	639.0 29	637.0 29	633.0 29	623.0 29	620.0 29	586.0 29	542.0 32	508.0 30	398.0 30
1954	596.0 33	596.0 33	596.0 33	595.0 33	593.0 31	579.0 32	552.0 29	521.0 29	420.0 29
1955	675.0 25	675.0 25	671.0 25	665.0 24	661.0 24	629.0 25	573.0 27	546.0 26	439.0 26
1956	625.0 31	625.0 31	622.0 31	621.0 30	617.0 30	601.0 28	585.0 25	559.0 25	446.0 25
1957	4030.0 1	3370.0 1	2650.0 1	2070.0 4	1730.0 5	1570.0 3	1350.0 3	1170.0 3	832.0 5
1958	2140.0 6	2060.0 7	2040.0 6	1920.0 6	1690.0 6	1490.0 4	1200.0 4	1050.0 8	788.0 9
1959	659.0 26	659.0 26	659.0 26	654.0 26	630.0 27	582.0 30	543.0 30	489.0 32	382.0 31
1960	1000.0 20	1000.0 20	1000.0 19	951.0 19	824.0 19	710.0 20	674.0 18	633.0 18	568.0 15
1961	1080.0 19	1010.0 19	897.0 20	786.0 20	769.0 20	702.0 21	657.0 21	606.0 22	460.0 24
1962	1540.0 14	1530.0 13	1520.0 12	1290.0 13	1060.0 12	848.0 14	788.0 13	747.0 13	634.0 12
1963	633.0 30	633.0 30	633.0 30	632.0 28	628.0 28	612.0 27	579.0 26	540.0 28	422.0 28
1964	659.0 27	659.0 27	655.0 27	652.0 27	645.0 26	624.0 26	624.0 31	506.0 31	377.0 32
1965	1810.0 11	1800.0 10	1710.0 10	1460.0 11	1360.0 10	1260.0 9	1150.0 9	1030.0 9	793.0 8
1966	1710.0 12	1450.0 14	1280.0 14	1170.0 15	1020.0 14	876.0 13	812.0 12	755.0 12	605.0 13
1967	644.0 28	642.0 28	634.0 28	619.0 31	588.0 32	579.0 31	565.0 28	542.0 27	467.0 22
1968	1680.0 13	1560.0 12	1520.0 13	1320.0 12	1060.0 13	885.0 12	776.0 14	726.0 14	552.0 16
1969	1900.0 10	1770.0 11	1590.0 11	1470.0 10	1310.0 11	1060.0 11	935.0 11	859.0 10	666.0 10
1970	1430.0 15	1430.0 15	1270.0 15	1030.0 18	848.0 18	766.0 18	735.0 15	726.0 15	580.0 14
1971	720.0 22	720.0 22	720.0 22	720.0 22	713.0 22	695.0 22	669.0 19	630.0 19	509.0 19
1972	715.0 23	712.0 23	702.0 23	691.0 23	675.0 23	660.0 23	657.0 22	622.0 20	499.0 20
1973	2390.0 4	2340.0 4	2200.0 4	1970.0 5	1810.0 4	1640.0 2	1370.0 2	1190.0 2	968.0 1
1974	748.0 21	748.0 21	743.0 21	738.0 21	734.0 21	725.0 19	643.0 23	612.0 21	485.0 21
1975	2090.0 7	2070.0 6	1950.0 7	1820.0 8	1660.0 7	1420.0 5	1200.0 5	1060.0 7	820.0 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
LOS PINOS RIVER NEAR BAYFIELD, CO.

YEAR	1	3	7	14	30	60	90	120	183
1943	50.00 32	50.00 32	50.00 31	50.00 30	50.00 29	51.00 28	51.00 22	52.00 21	82.00 17
1944	21.00 6	22.00 8	36.00 21	52.00 31	62.00 32	65.00 32	67.00 31	73.00 28	135.00 27
1945	19.00 4	24.00 9	34.00 18	35.00 16	39.00 19	41.00 18	42.00 16	47.00 19	97.00 22
1946	33.00 17	33.00 17	33.00 15	33.00 12	33.00 11	38.00 15	40.00 14	46.00 17	83.00 18
1947	35.00 21	35.00 21	37.00 24	38.00 23	48.00 27	55.00 29	55.00 25	55.00 22	74.00 13
1948	53.00 33	53.00 33	53.00 32	53.00 32	129.00 33	188.00 33	192.00 33	194.00 33	247.00 33
1949	34.00 18	34.00 18	34.00 16	37.00 21	43.00 22	45.00 22	47.00 19	64.00 25	145.00 28
1950	35.00 22	35.00 22	35.00 19	35.00 17	35.00 12	36.00 13	37.00 12	38.00 12	80.00 16
1951	26.00 10	26.00 10	27.00 8	27.00 6	27.00 4	27.00 2	28.00 2	29.00 2	55.00 3
1952	28.00 13	28.00 12	28.00 10	28.00 8	28.00 5	29.00 4	28.00 3	29.00 3	57.00 4
1953	46.00 30	46.00 30	46.00 29	46.00 27	46.00 25	46.00 23	47.00 20	47.00 18	88.00 19
1954	34.00 19	34.00 19	34.00 17	34.00 13	35.00 13	35.00 8	35.00 7	35.00 7	69.00 9
1955	36.00 23	36.00 23	36.00 22	36.00 19	43.00 23	44.00 21	44.00 17	44.00 16	92.00 20
1956	40.00 27	40.00 27	40.00 27	40.00 24	40.00 20	41.00 16	42.00 15	42.00 14	103.00 24
1957	27.00 11	28.00 13	28.00 11	28.00 9	28.00 6	28.00 3	29.00 4	29.00 4	67.00 7
1958	36.00 24	37.00 26	38.00 25	46.00 28	54.00 30	55.00 30	56.00 26	108.00 32	207.00 32
1959	36.00 25	36.00 24	36.00 23	36.00 20	37.00 17	38.00 14	39.00 13	39.00 13	78.00 14
1960	31.00 14	31.00 14	31.00 12	31.00 10	35.00 14	35.00 9	36.00 11	36.00 10	50.00 2
1961	42.00 28	42.00 28	42.00 28	42.00 26	43.00 21	43.00 19	44.00 18	44.00 15	73.00 10
1962	36.00 26	37.00 25	38.00 26	38.00 22	39.00 18	44.00 20	56.00 27	76.00 30	131.00 26
1963	47.00 31	47.00 31	47.00 30	47.00 29	47.00 26	50.00 24	51.00 23	51.00 20	74.00 11
1964	35.00 20	35.00 20	35.00 20	35.00 18	35.00 15	35.00 10	35.00 8	35.00 8	74.00 12
1965	27.00 12	27.00 11	27.00 9	27.00 7	29.00 7	32.00 5	33.00 6	34.00 6	65.00 5
1966	44.00 29	44.00 29	53.00 33	54.00 33	62.00 31	62.00 31	62.00 29	70.00 26	167.00 30
1967	31.00 15	31.00 15	31.00 13	31.00 11	31.00 10	32.00 6	32.00 5	32.00 5	79.00 15
1968	21.00 5	21.00 4	21.00 4	21.00 2	22.00 1	22.00 1	22.00 1	23.00 1	69.00 8
1969	22.00 7	22.00 5	22.00 5	22.00 3	30.00 8	35.00 7	36.00 9	36.00 9	92.00 21
1970	15.00 3	15.00 1	15.00 1	15.00 1	25.00 2	36.00 11	50.00 21	61.00 24	178.00 31
1971	11.00 1	15.00 2	17.00 2	24.00 5	27.00 3	41.00 17	60.00 28	73.00 27	152.00 29
1972	22.00 8	22.00 6	22.00 6	22.00 4	31.00 9	50.00 25	75.00 32	97.00 31	105.00 25
1973	22.00 9	22.00 7	22.00 7	40.00 25	50.00 28	51.00 26	65.00 30	74.00 29	98.00 23
1974	14.00 2	15.00 3	20.00 3	34.00 14	46.00 24	51.00 27	53.00 24	55.00 23	66.00 6
1975	33.00 16	33.00 16	33.00 14	34.00 15	35.00 16	36.00 12	36.00 10	37.00 11	48.00 1

SAN JUAN RIVER BASIN

09353500 LOS PINOS RIVER NEAR BAYFIELD, 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)											
268	97.6	70.5	60.2	57.9	69.9	218	666	945	713	531	440
20940	6906	4043	2441	1740	5713	59300	100400	175300	65640	13310	15230
145	83.1	63.6	49.4	41.7	75.6	244	317	419	256	115	123
1.60	1.64	2.32	3.00	2.88	3.34	1.93	1.41	1.10	1.83	0.42	1.20
0.54	0.85	0.90	0.82	0.72	1.08	1.12	0.48	0.44	0.36	0.22	0.28
6.48	2.36	1.70	1.45	1.40	1.69	5.27	16.1	22.8	17.2	12.8	10.6

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)											
2.37	1.87	1.74	1.70	1.70	1.73	2.12	2.78	2.94	2.83	2.72	2.63
0.05	0.10	0.08	0.05	0.05	0.08	0.19	0.03	0.03	0.02	0.01	0.01
0.22	0.32	0.28	0.23	0.21	0.28	0.43	0.19	0.17	0.13	0.10	0.11
0.20	0.61	1.23	1.49	1.43	1.64	0.46	0.53	0.72	1.36	-0.33	0.56
0.09	0.17	0.16	0.14	0.13	0.16	0.21	0.07	0.06	0.05	0.04	0.04
8.75	6.88	6.42	6.27	6.26	6.36	7.81	10.3	10.8	10.4	10.0	9.69

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
346	11220	106	0.61	0.31	-0.058

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.52	0.02	0.13	0.29	0.05	-0.056

09354000 LOS PINOS RIVER AT IGNACIO, COLO.

LOCATION.--Lat 37°07'44", long 107°37'47", in SW&SE¼ sec.5, T.33 N., R.7 W., La Plata County, on down-stream wingwall of left abutment of highway bridge, 1.0 mi (1.6 km) north of Ignacio, 2.2 mi (3.5 km) upstream from Rock Creek, and 7 mi (11 km) south of Bayfield.

DRAINAGE AREA.--448 mi² (1,160 km²).

REMARKS.--Flow regulated by Vallecito Reservoir (capacity, 126,280 acre-ft or 156 hm³) since April 1941. Diversions for irrigation of about 25,000 acres (101 km²) above station. Statistical summaries are shown for two periods, water years 1931-40 and water years 1942-61.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE , IN CUBIC FEET PER SECOND
MEAN
LOS PINOS RIVER AT IGNACIO, COLO.

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		
1931									5	12	10	9	11	13	4	10	21	69	46	52	10	8	10	11	18	12	13	5	13	3							
1932												5	1	2	1	3	1	16	27	66	24	35	20	18	13	15	10	22	18	18	17	22	7	5			
1933		1	1	1	1	8	14	8	2	3	2	4	4	8	19	15	29	78	47	24	21	9	17	8	2	4	6	10	7	3	6	2	1				
1934		2	8	4	13	23	30	9	4	6	7	3	5	4	6	7	18	51	56	46	21	11	6	11	2	9	2	1									
1935	1							2	10	25	19	7	2	4	3	17	23	39	33	17	21	6	11	10	12	12	17	14	18	11	7	8	7	6	3		
1936				1	5	3	10	13			9	8	14	3	5	15	20	44	62	26	6	12	19	15	15	4	7	6	17	14	10	1	2				
1937								7	10	34	11	11	15	6	3	9	40	65	28	9	3	11	14	5	14	13	6	5	9	12	14	10	1				
1938					3	6	2	6	4	9	10	13	8	5	7	31	63	27	7	10	8	23	14	9	12	9	12	7	15	16	15	12	2				
1939				9	18	18	7	14	3	4	2	5	4	5	2	5	21	64	31	17	6	19	14	26	35	17	11	8									
1940		3	4	5	13	29	10	8	9	5	13	12	14	10	3	21	68	24	25	6	1	25	19	9	10	6	14										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1	3653	100.0	12	17.0	78	3069	84.0	24	300	111	791	21.6
1	1.20	3	3652	100.0	13	22.0	75	2991	81.9	25	370	127	680	18.6
2	1.60	12	3649	99.9	14	28.0	64	2916	79.8	26	470	100	553	15.1
3	2.10	9	3637	99.6	15	35.0	82	2852	78.1	27	600	101	453	12.4
4	2.60	29	3628	99.3	16	45.0	178	2770	75.8	28	760	93	352	9.6
5	3.30	70	3599	98.5	17	57.0	489	2592	71.0	29	960	73	259	7.0
6	4.20	100	3529	96.6	18	72.0	451	2103	57.6	30	1200	68	186	5.0
7	5.40	48	3429	93.9	19	91.0	322	1652	45.2	31	1500	62	118	3.2
8	6.80	69	3381	92.6	20	120.0	145	1330	36.4	32	2000	39	56	1.5
9	8.60	72	3312	90.7	21	150.0	99	1185	32.4	33	2500	14	17	.4
10	11.00	99	3240	88.7	22	180.0	161	1086	29.7	34	3100	3	3	
11	14.00	72	3141	86.0	23	230.0	134	925	25.3					

09354500 LOS PINOS RIVER AT LA BOCA, COLO.--Continued

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LOS PINOS RIVER AT LA BOCA, COLO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	8766	100.0	12	110.0	826	4522	51.6	24	820	106	478	5.4
1	17.00	6	8766	100.0	13	130.0	743	3696	42.2	25	970	137	372	4.2
2	20.00	9	8760	99.9	14	150.0	635	2953	33.7	26	1200	76	235	2.6
3	24.00	21	8751	99.8	15	180.0	404	2318	26.4	27	1400	55	159	1.8
4	28.00	109	8730	99.6	16	210.0	276	1914	21.8	28	1600	48	104	1.1
5	33.00	207	8621	98.3	17	250.0	252	1638	18.7	29	1900	41	56	.6
6	40.00	428	8414	96.0	18	300.0	181	1386	15.8	30	2300	10	15	.1
7	47.00	460	7986	91.1	19	350.0	199	1205	13.7	31	2700		5	
8	55.00	866	7526	85.9	20	420.0	210	1006	11.5	32	3200	3	5	
9	66.00	688	6660	76.0	21	500.0	137	796	9.1	33	3800	1	2	
10	78.00	725	5972	68.1	22	590.0	86	659	7.5	34	4500	1	1	
11	92.00	725	5247	59.9	23	700.0	95	573	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
LOS PINOS RIVER AT LA BOCA, COLO.

YEAR	1	3	7	15	30	60	90	120	183
1952	2020.0 4	1950.0 4	1810.0 4	1620.0 4	1410.0 4	1210.0 4	1110.0 3	955.0 3	714.0 3
1953	504.0 18	358.0 21	257.0 22	179.0 22	167.0 22	141.0 22	128.0 23	118.0 23	100.0 23
1954	690.0 15	440.0 17	287.0 19	208.0 20	181.0 20	161.0 19	145.0 19	134.0 19	113.0 21
1955	458.0 21	428.0 19	354.0 15	234.0 18	205.0 16	198.0 15	181.0 15	169.0 15	145.0 15
1956	203.0 24	176.0 24	158.0 24	148.0 24	139.0 23	133.0 23	130.0 22	126.0 21	114.0 20
1957	4560.0 1	4200.0 1	3340.0 1	2440.0 1	1550.0 3	1410.0 3	1260.0 2	1090.0 2	815.0 2
1958	2360.0 3	2350.0 3	2300.0 2	2280.0 2	1830.0 1	1450.0 2	1090.0 4	886.0 5	643.0 5
1959	248.0 23	218.0 23	205.0 23	150.0 23	119.0 24	108.0 24	105.0 24	98.0 24	85.0 24
1960	1210.0 12	1140.0 11	1030.0 11	870.0 11	714.0 9	574.0 9	437.0 9	416.0 8	324.0 8
1961	900.0 13	767.0 13	571.0 13	370.0 14	320.0 14	259.0 14	246.0 13	230.0 13	203.0 13
1962	1710.0 7	1700.0 7	1630.0 7	1350.0 6	894.0 8	631.0 8	484.0 8	398.0 9	307.0 9
1963	500.0 19	353.0 22	267.0 21	241.0 17	189.0 19	158.0 20	141.0 20	132.0 20	129.0 17
1964	682.0 16	464.0 16	274.0 20	226.0 19	170.0 21	149.0 21	134.0 21	125.0 22	109.0 22
1965	1790.0 6	1760.0 6	1650.0 5	1270.0 7	1020.0 6	969.0 6	905.0 6	772.0 6	594.0 6
1966	1420.0 9	1120.0 12	940.0 12	766.0 12	576.0 12	413.0 11	407.0 10	371.0 10	306.0 10
1967	866.0 14	548.0 14	290.0 18	197.0 21	191.0 18	170.0 18	159.0 17	154.0 16	134.0 16
1968	1320.0 10	1250.0 9	1110.0 10	900.0 10	586.0 11	398.0 12	329.0 12	289.0 12	231.0 12
1969	1320.0 11	1250.0 10	1140.0 9	1080.0 8	896.0 7	640.0 7	547.0 7	474.0 7	407.0 7
1970	1640.0 8	1430.0 8	1300.0 8	1010.0 9	706.0 10	438.0 10	344.0 11	328.0 11	257.0 11
1971	484.0 20	473.0 15	449.0 14	413.0 13	395.0 13	268.0 13	223.0 14	192.0 14	154.0 14
1972	577.0 17	429.0 18	319.0 17	253.0 15	218.0 15	191.0 16	160.0 16	148.0 18	128.0 18
1973	2440.0 2	2370.0 2	2290.0 3	2180.0 3	1730.0 2	1620.0 1	1460.0 1	1290.0 1	963.0 1
1974	453.0 22	401.0 20	343.0 16	250.0 16	203.0 17	170.0 17	156.0 18	149.0 17	128.0 19
1975	1800.0 5	1770.0 5	1650.0 6	1510.0 5	1310.0 5	1100.0 5	1030.0 5	903.0 4	678.0 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
LOS PINOS RIVER AT LA BOCA, COLO.

YEAR	1	3	7	14	30	60	90	120	183
1952	14.00 1	14.00 1	15.00 1	16.00 1	21.00 1	33.00 1	48.00 7	52.00 5	54.00 2
1953	39.00 18	42.00 19	45.00 20	56.00 22	57.00 20	63.00 17	66.00 15	68.00 13	73.00 9
1954	27.00 8	28.00 6	38.00 14	39.00 10	43.00 8	46.00 7	47.00 5	52.00 6	63.00 4
1955	31.00 13	33.00 13	36.00 10	40.00 11	49.00 12	52.00 10	54.00 10	56.00 10	78.00 10
1956	22.00 3	23.00 3	24.00 3	33.00 7	61.00 22	70.00 19	71.00 17	72.00 16	83.00 14
1957	30.00 10	30.00 9	30.00 5	34.00 8	40.00 6	46.00 8	47.00 6	53.00 7	69.00 7
1958	75.00 24	77.00 24	82.00 24	82.00 24	86.00 24	117.00 24	145.00 24	212.00 24	267.00 24
1959	39.00 19	40.00 17	42.00 17	47.00 16	54.00 18	57.00 11	58.00 11	59.00 11	70.00 8
1960	17.00 2	17.00 2	18.00 2	20.00 2	26.00 2	38.00 4	44.00 3	46.00 3	59.00 3
1961	36.00 16	36.00 15	38.00 15	48.00 17	56.00 19	59.00 13	58.00 12	64.00 12	81.00 13
1962	40.00 20	43.00 20	46.00 21	48.00 18	49.00 13	58.00 12	74.00 18	90.00 18	115.00 19
1963	40.00 21	43.00 21	46.00 22	50.00 21	53.00 15	62.00 16	65.00 14	85.00 17	106.00 17
1964	25.00 4	27.00 4	30.00 6	32.00 5	33.00 3	34.00 2	37.00 1	38.00 1	52.00 1
1965	25.00 5	30.00 10	31.00 8	36.00 9	47.00 10	51.00 9	53.00 9	56.00 8	67.00 6
1966	65.00 23	67.00 23	68.00 23	73.00 23	76.00 23	78.00 21	86.00 20	106.00 22	179.00 22
1967	30.00 11	32.00 11	36.00 11	40.00 12	45.00 9	60.00 14	62.00 13	71.00 15	84.00 15
1968	26.00 6	29.00 7	31.00 9	32.00 6	34.00 4	36.00 3	38.00 2	45.00 2	64.00 5
1969	30.00 12	30.00 8	30.00 7	31.00 3	35.00 5	41.00 5	46.00 4	50.00 4	80.00 11
1970	33.00 14	35.00 14	37.00 12	41.00 14	54.00 16	64.00 18	79.00 19	94.00 19	193.00 23
1971	40.00 22	43.00 22	44.00 19	49.00 20	60.00 21	80.00 22	87.00 21	98.00 20	156.00 21
1972	29.00 9	33.00 12	37.00 13	46.00 15	54.00 17	88.00 23	102.00 23	121.00 23	128.00 20
1973	26.00 7	27.00 5	28.00 4	32.00 4	49.00 11	76.00 20	94.00 22	103.00 21	108.00 18
1974	39.00 17	40.00 18	43.00 18	48.00 19	52.00 14	61.00 15	69.00 16	70.00 14	91.00 16
1975	36.00 15	38.00 16	39.00 16	40.00 13	41.00 7	45.00 6	49.00 8	56.00 9	81.00 12

09355000 SPRING CREEK AT LA BOCA, COLO.--Continued

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SPRING CREEK AT LA BOCA COLORADO

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	8766	100.0	12	8.9	243	5451	62.2	24	96	98	161	1.8
1	1.00	43	8766	100.0	13	11.0	164	5208	59.4	25	120	31	63	.7
2	1.20	0	8723	99.5	14	13.0	215	5044	57.5	26	140	13	32	.3
3	1.50	15	8723	99.5	15	16.0	231	4829	55.1	27	170	9	19	.2
4	1.80	198	8708	99.3	16	20.0	232	4598	52.5	28	210	5	10	.1
5	2.20	210	8510	97.1	17	24.0	291	4366	49.8	29	260	2	5	
6	2.70	614	8300	94.7	18	29.0	508	4075	46.5	30	320		3	
7	3.30	312	7686	87.7	19	36.0	690	3567	40.7	31	390	1	3	
8	4.00	641	7374	84.1	20	44.0	894	2877	32.8	32	470		2	
9	4.90	550	6733	76.8	21	53.0	1037	1983	22.6	33	580		2	
10	6.00	458	6183	70.5	22	65.0	558	946	10.8	34	700	2	2	
11	7.30	274	5725	65.3	23	79.0	227	388	4.4					

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SPRING CREEK AT LA BOCA, COLORADO

YEAR	1	3	7	15	30	60	90	120	183
1952	104.0 22	92.0 21	82.0 18	75.0 17	68.0 15	65.0 13	62.0 11	62.0 10	49.0 9
1953	131.0 14	116.0 12	94.0 12	80.0 13	75.0 12	68.0 11	62.0 12	57.0 14	46.0 12
1954	170.0 11	138.0 8	101.0 8	93.0 6	89.0 4	73.0 6	68.0 6	66.0 6	52.0 6
1955	127.0 17	95.0 19	85.0 16	78.0 15	75.0 13	71.0 9	66.0 10	62.0 11	48.0 11
1956	104.0 23	95.0 20	88.0 14	76.0 16	64.0 17	58.0 16	56.0 15	53.0 18	42.0 19
1957	227.0 5	167.0 5	145.0 3	112.0 3	83.0 6	58.0 17	52.0 20	48.0 21	37.0 22
1958	132.0 13	119.0 11	84.0 17	70.0 18	58.0 19	54.0 20	52.0 21	51.0 19	45.0 13
1959	118.0 21	88.0 23	70.0 22	58.0 23	51.0 23	44.0 23	43.0 23	40.0 23	32.0 23
1960	183.0 8	109.0 14	64.0 23	61.0 21	59.0 18	58.0 18	56.0 16	56.0 15	45.0 14
1961	179.0 10	137.0 9	86.0 15	79.0 14	76.0 10	72.0 8	68.0 7	63.0 8	49.0 10
1962	98.0 24	82.0 24	77.0 20	66.0 19	56.0 20	54.0 21	54.0 18	54.0 17	44.0 17
1963	129.0 15	107.0 15	73.0 21	63.0 20	55.0 22	52.0 22	49.0 22	46.0 22	38.0 21
1964	183.0 9	99.0 17	61.0 24	49.0 24	47.0 24	41.0 24	39.0 24	38.0 24	29.0 24
1965	124.0 20	101.0 16	91.0 13	89.0 9	79.0 8	70.0 10	67.0 8	66.0 7	52.0 7
1966	126.0 18	90.0 22	80.0 19	60.0 22	56.0 21	55.0 19	53.0 19	51.0 20	41.0 20
1967	128.0 16	119.0 10	101.0 9	82.0 10	67.0 16	60.0 15	56.0 17	55.0 16	44.0 18
1968	211.0 7	140.0 6	102.0 7	93.0 7	76.0 9	65.0 14	60.0 14	58.0 12	45.0 15
1969	244.0 4	169.0 4	139.0 4	111.0 4	91.0 2	79.0 2	80.0 1	76.0 1	62.0 2
1970	778.0 1	383.0 2	196.0 2	135.0 2	105.0 1	85.0 1	80.0 2	76.0 2	58.0 3
1971	291.0 3	196.0 3	134.0 5	98.0 5	82.0 7	75.0 4	71.0 5	68.0 5	55.0 5
1972	147.0 12	98.0 18	95.0 11	82.0 11	75.0 11	73.0 7	66.0 9	62.0 9	51.0 8
1973	702.0 2	425.0 1	229.0 1	138.0 1	90.0 3	74.0 5	73.0 3	71.0 3	63.0 1
1974	126.0 19	114.0 13	97.0 10	82.0 12	71.0 14	66.0 12	61.0 13	57.0 13	44.0 16
1975	219.0 6	139.0 7	104.0 6	91.0 8	84.0 5	76.0 3	73.0 4	71.0 4	58.0 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
SPRING CREEK AT LA BOCA, COLORADO

YEAR	1	3	7	14	30	60	90	120	183
1952	2.00 13	2.70 20	2.70 19	3.30 23	4.10 21	4.80 19	5.60 21	5.80 15	11.00 5
1953	2.00 14	2.00 9	2.00 8	2.70 11	3.10 13	3.70 13	4.10 12	4.50 11	13.00 15
1954	2.00 15	2.00 10	2.40 14	2.80 15	3.00 10	3.90 16	4.20 13	4.30 7	15.00 19
1955	1.70 8	1.70 6	1.80 5	2.20 7	3.10 14	3.50 10	3.90 11	4.40 9	14.00 16
1956	2.60 21	2.80 22	3.40 24	3.60 24	4.20 22	5.10 22	5.50 19	5.70 14	16.00 20
1957	2.60 22	2.70 21	2.80 21	2.90 16	4.90 24	5.00 20	5.20 17	9.00 23	16.00 21
1958	2.00 16	2.00 11	2.00 9	2.20 8	2.60 8	3.80 14	6.40 23	11.00 24	21.00 23
1959	3.00 23	3.00 23	3.00 22	3.00 19	3.00 11	3.40 9	3.70 9	4.50 10	11.00 6
1960	1.00 1	1.00 1	1.00 1	1.19 1	1.40 1	2.40 1	2.40 1	3.60 1	12.00 11
1961	1.00 2	1.00 2	1.10 2	1.60 2	2.20 4	2.90 6	3.40 6	5.10 12	14.00 17
1962	1.00 3	1.19 3	1.40 3	1.90 3	2.10 3	2.50 3	3.30 5	4.30 8	12.00 12
1963	2.00 17	2.30 17	2.70 20	2.90 17	3.30 15	4.20 17	5.60 20	7.90 22	13.00 13
1964	1.70 9	1.70 7	1.90 6	2.10 5	2.60 5	2.70 4	3.10 3	3.60 2	9.00 2
1965	1.50 6	2.20 15	2.60 15	3.00 18	3.90 19	6.60 24	7.40 24	7.10 20	11.00 7
1966	3.00 24	3.00 24	3.00 23	3.10 20	3.30 16	3.70 11	4.20 14	6.40 18	15.00 18
1967	1.90 10	2.00 12	2.10 10	3.10 21	4.20 23	5.00 21	5.20 18	6.60 19	11.00 8
1968	1.70 7	1.90 8	2.10 11	2.20 6	2.60 6	3.70 12	4.70 15	5.90 16	11.00 9
1969	2.40 20	2.40 18	2.60 16	2.70 12	3.90 20	5.30 23	5.90 22	6.40 17	17.00 22
1970	1.90 11	2.20 16	2.70 17	3.10 22	3.70 18	4.40 18	5.20 16	5.60 13	13.00 14
1971	2.00 12	2.10 13	2.30 12	2.80 13	3.30 17	3.90 15	3.90 10	4.20 6	9.80 4
1972	1.10 4	1.40 4	2.00 7	2.30 9	3.00 12	3.20 8	3.60 8	3.60 3	9.50 3
1973	1.50 5	1.70 5	1.80 4	1.90 4	2.00 2	2.40 2	3.00 2	7.20 21	28.00 24
1974	2.30 19	2.40 19	2.70 18	2.80 14	2.80 9	2.90 7	3.50 7	3.80 5	6.90 1
1975	2.10 18	2.20 14	2.30 13	2.50 10	2.60 7	2.80 5	3.20 4	3.70 4	12.00 10

09355000 SPRING CREEK AT LA BOCA, 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)											
36.6	12.0	4.77	4.04	9.18	13.8	13.4	37.0	54.7	62.8	58.5	55.2
204	49.2	2.69	2.58	88.5	227	67.5	99.6	118	163	148	213
14.3	7.01	1.64	1.61	9.41	15.1	8.22	9.98	10.9	12.8	12.2	14.6
2.00	1.36	1.45	0.97	2.68	2.33	1.49	-0.14	-0.20	-0.17	-0.32	0.42
0.39	0.59	0.34	0.40	1.02	1.09	0.62	0.27	0.20	0.20	0.21	0.26
10.1	3.31	1.32	1.12	2.54	3.81	3.69	10.2	15.1	17.4	16.2	15.3

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)											
1.54	1.02	0.65	0.58	0.83	0.96	1.06	1.55	1.73	1.79	1.76	1.73
0.02	0.05	0.02	0.03	0.10	0.15	0.06	0.02	0.01	0.01	0.01	0.01
0.15	0.22	0.15	0.16	0.32	0.38	0.24	0.13	0.09	0.09	0.10	0.12
0.23	0.65	-0.39	0.40	0.95	0.71	0.32	-0.92	-0.63	-0.67	-0.91	-0.03
0.10	0.22	0.22	0.28	0.38	0.40	0.23	0.08	0.05	0.05	0.06	0.07
10.1	6.71	4.31	3.79	5.47	6.31	6.97	10.2	11.4	11.8	11.6	11.4

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
30.3	32.2	5.68	0.88	0.19	-0.031

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.47	0.01	0.08	-0.07	0.05	-0.011

09357500 ANIMAS RIVER AT HOWARDSVILLE, COLO.

LOCATION.--Lat 37°49'59", long 107°35'56", San Juan County, on right bank 1,000 ft (300 m) downstream from bridge on State Highway 110, 0.4 mi (0.6 km) southwest of Howardsville, and 0.4 mi (0.6 km) downstream from Cunningham Creek.

DRAINAGE AREA.--55.9 mi² (144.8 km²).

REMARKS.--No diversion above station.

OURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ANIMAS RIVER AT HOWARDSVILLE, 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																																						
1937					59	62			19	50	17	14	8	15	11	33	1	2	4	2	3	1	4	10	12	8	11	5	7	7								
1938					37	95	9		16	32	9	1	11	7	8	13	11	13	13	11	6	10	2	6	3	6	4	8	5	7	13	7		1	1			
1939					19	61	1	39	12	17	16	24	19	23	16	19	7	8	7	6	8	8	9	5	9	4	9	14	5									
1940					6	70	39	42	24	29	27	10	11	4	9	5	9	8	5	2	7	3	7	7	4	6	8	5	7	9	3							
1941					2	11	61	44	26	13	15	10	2	9	6	10	8	10	14	3	4	10	13	7	3	7	9	7	10	17	13	9	8	4				
1942					3	51	46	26	12	10	14	9	18	25	14	12	4	17	9	14	13	6	3	1	6	6	13	13	10	8	2							
1943					3	51	92	20	14	5	4	3	13	4	4	5	6	5	20	29	9	10	9	10	7	7	6	10	13	6								
1944					12	71	27	35	15	32	51	8	4	5	6	3	4	2	7	3	2	4	4	7	9	4	7	5	9	20	7	3						
1945					4	56	51	27	15	9	34	31	9	5	7	3	5	3	3	4	11	4	8	11	12	9	6	9	11	5	5	8						
1946					5	13	17	44	34	19	13	33	22	27	18	10	6	6	5	4	12	11	8	13	7	8	5	2	6	3	2	9	3					
1947					11	18	77	8	37	34	15	2	5	4	2	7	13	14	17	5	7	10	5	5	10	13	7	16	9	11	3							
1948							56	55	8	7	6	23	37	16	16	8	18	11	12	8	4	2	6	5	9	5	4	8	12	3	2	9	15	1				
1949							40	81	25	13	18	30	13	9	10	6	3	4	2	4	8	11	9	9	7	10	4	8	3	8	3	3	10	5	4	4	1	
1950							2	38	66	24	18	39	36	14	8	7	8	8	6	2	7	15	9	7	4	8	17	3	3	8	1							
1951					1	43	74	43	9	20	24	10	17	11	11	4	6	7	5	11	11	8	3	6	3	5	2	7	6	9	7	2						
1952					48	59	42	26	16	7	2	6	4	10	11	5	6	7	11	9	6	6	7	16	6	7	6	7	11	7	3	5	3	7				
1953					11	54	76	19	38	18	11	12	9	10	11	9	12	6	13	8	5	2	6	2	2	7	4	3	7	4	2	1	2					
1954					24	72	13	36	42	2	5	14	8	18	12	4	7	4	9	7	16	9	6	9	17	21	6	1	3									
1955					16	62	45	14	26	26	17	9	7	14	21	23	7	8	5	8	6	6	9	7	4	8	2	6	3	2	3	1						
1956					1	16	118	39	17	19	17	9	14	6	9	10	5	6	6	4	6	2	7	8	6	6	5	4	6	9	4	4	3					
1957					17	77	68	16	14	2	1		1	4	11	6	6	5	8	10	4	13	7	10	8	5	4	4	8	8	9	3	11	7	6	5		
1958					1	4	15	63	5	25	18	14	39	27	8	19	25	6	11	6	2	4	5	7	4	7	6	4	3	5	9	7	10	6				
1959							42	64	51	25	35	14	22	15	9	8	11	8	3	4	6	1	6	4	7	4	4	7	7	2	5	1						
1960							6	45	32	40	20	33	21	16	5	25	16	8	7	8	10	5	4	7	7	4	5	14	6	7	3	4	6	2				
1961					5	37	78	33	21	26	6	10	9	26	11	8	8	10	8	6	8	4	6	4	3	1	7	5	8	6	11							
1962							3	53	58	8	10	25	25	11	6	11	19	17	7	5	3	5	10	17	15	6	6	8	11	8	9	9						
1963					2	6	56	38	39	8	30	29	22	22	8	15	9	7	6	11	1	6	3	12	8	6	11	6	4									
1964					6	56	48	35	18	22	17	18	24	5	15	7	11	8	8	6	5	3	1	3	9	4	3	6	7	3	11	1	6					
1965					2	53	57	34	30	6	7	2	7	2	2		1	7	11	12	23	12	8	6	3	8	5	9	15	12	8	14	6	2	1			

SAN JUAN RIVER BASIN

09357500 ANIMAS RIVER AT HOWARDSVILLE, COLO.--Continued

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ANIMAS RIVER AT HOWARDSVILLE, CO.

CLASS YEAR	NUMBER OF DAYS IN CLASS																																				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34		
1966					1	43	36	21	14	52	16	18	15	7	11	16	14	12	16	6	2	4	7	7	6	15	16	8	2								
1967		12	43	21	51	30	15	8	31	37	11	9	5	9	6	5	7	4	5	4	10	11	5	6	9	5	2	1	3								
1968		1	3	88	44	40	19	6	12	19	5	5	4	6	2	4	9	5	13	7	15	5	7	6	2	5	5	2	5	12	3						
1969			1	54	59	49	22	15	1		10	13	13	11	7	6	2	6	7	6	8	7	24	7	10	11	8	7	1								
1970				25	77	18	21	15	11	7	12	9	10	11	15	13	11	7	8	7	6	8	18	4	6	4	10	21	2								
1971					18	47	25	15	24	30	27	24	24	24	9	13	10	8	7	7	5	4	8	11	6	5	2	6	6								
1972					16	56	25	18	67	36	20	15	17	10	7	5	5	10	7	5	5	9	8	6	4	4	6	4	1								
1973			1	49	51	25	17	11	14	18	20	19	8	8	3	9	11	11	7	4	3	10	7	9	7	4	9	7	7	5	3	1					
1974				1	75	82	40	24	20	13	7	7	4	6	7	8	2	4	2	5	4	5	11	13	8	6	4										
1975		22	74	41	74	6	4	3	8	4	11	9	4	5	4	2	4	5	5	3	6	8	8	5	5	5	6	4	6	13	9	2					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	14244	100.0	12	46.0	406	5560	39.0	24	270	251	1733	12.1
1	9.00	26	14244	100.0	13	53.0	401	5154	36.2	25	310	255	1482	10.4
2	10.00	261	14218	99.8	14	61.0	378	4753	33.4	26	360	262	1227	8.6
3	12.00	700	13957	98.0	15	71.0	354	4375	30.7	27	420	294	965	6.7
4	14.00	1219	13257	93.1	16	83.0	303	4021	28.2	28	490	221	671	4.7
5	16.00	1948	12038	84.5	17	96.0	270	3718	26.1	29	560	197	450	3.1
6	19.00	1198	10090	70.8	18	110.0	365	3448	24.2	30	650	135	253	1.7
7	22.00	794	8892	62.4	19	130.0	256	3083	21.6	31	760	77	118	.8
8	25.00	637	8098	56.9	20	150.0	238	2827	19.8	32	880	20	41	.2
9	29.00	811	7461	52.4	21	170.0	286	2589	18.2	33	1000	19	21	.1
10	34.00	572	6650	46.7	22	200.0	264	2303	16.2	34	1200	2	2	
11	39.00	518	6078	42.7	23	230.0	306	2039	14.3					

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ANIMAS RIVER AT HOWARDSVILLE, CO.

YEAR	1	3	7	15	30	60	90	120	183
1937	640.0 21	634.0 20	610.0 19	558.0 17	462.0 22	386.0 17	297.0 20	240.0 20	172.0 21
1938	1360.0 1	1070.0 4	906.0 4	813.0 4	691.0 5	556.0 5	425.0 7	343.0 7	246.0 7
1939	548.0 33	516.0 33	475.0 34	466.0 32	433.0 23	340.0 24	267.0 25	214.0 25	158.0 25
1940	584.0 31	578.0 28	542.0 27	469.0 30	427.0 27	335.0 25	296.0 27	201.0 28	145.0 28
1941	848.0 12	836.0 9	773.0 9	716.0 9	625.0 10	502.0 10	451.0 3	368.0 3	264.0 3
1942	778.0 15	764.0 15	707.0 15	683.0 11	611.0 12	519.0 8	402.0 11	321.0 11	226.0 11
1943	516.0 34	510.0 34	499.0 33	466.0 33	398.0 31	320.0 27	279.0 21	237.0 21	183.0 18
1944	794.0 14	778.0 14	761.0 14	692.0 10	635.0 9	524.0 7	419.0 8	331.0 10	226.0 12
1945	632.0 24	615.0 24	571.0 26	550.0 20	467.0 21	370.0 19	306.0 18	252.0 19	175.0 20
1946	717.0 17	680.0 17	646.0 16	609.0 14	476.0 18	318.0 28	273.0 22	222.0 22	159.0 22
1947	745.0 16	713.0 16	600.0 22	549.0 21	512.0 16	444.0 13	382.0 12	317.0 12	233.0 8
1948	898.0 7	863.0 8	843.0 7	812.0 5	734.0 4	567.0 4	441.0 4	354.0 6	247.0 5
1949	1360.0 2	1200.0 1	1100.0 1	943.0 3	789.0 1	570.0 3	439.0 5	359.0 4	247.0 6
1950	492.0 36	446.0 38	433.0 35	372.0 37	344.0 35	276.0 35	224.0 33	184.0 33	132.0 32
1951	620.0 28	556.0 30	521.0 30	470.0 29	428.0 26	314.0 30	243.0 29	196.0 29	138.0 29
1952	1160.0 4	1110.0 3	1070.0 2	980.0 1	776.0 3	575.0 2	474.0 2	388.0 2	273.0 2
1953	1100.0 5	924.0 6	747.0 12	577.0 16	474.0 19	314.0 31	236.0 30	192.0 30	134.0 30
1954	385.0 39	368.0 39	319.0 39	273.0 39	250.0 39	227.0 39	195.0 39	167.0 38	123.0 38
1955	684.0 19	629.0 21	575.0 25	471.0 28	374.0 34	275.0 36	213.0 35	174.0 35	124.0 37
1956	692.0 18	665.0 18	626.0 17	552.0 19	472.0 20	345.0 22	263.0 26	209.0 26	146.0 27
1957	1180.0 3	1170.0 2	1070.0 3	956.0 2	783.0 2	648.0 1	496.0 1	406.0 1	287.0 1
1958	814.0 13	796.0 12	758.0 11	727.0 8	649.0 8	494.0 12	374.0 13	298.0 13	211.0 13
1959	651.0 20	642.0 19	618.0 18	534.0 23	431.0 24	309.0 32	228.0 32	185.0 32	132.0 31
1960	856.0 11	789.0 13	723.0 14	598.0 15	535.0 14	406.0 15	311.0 16	255.0 16	179.0 19
1961	630.0 25	626.0 22	609.0 20	541.0 22	512.0 15	364.0 20	273.0 23	217.0 24	159.0 23
1962	618.0 29	610.0 26	585.0 23	556.0 18	502.0 17	384.0 18	337.0 14	285.0 14	201.0 14
1963	460.0 38	448.0 37	415.0 38	377.0 36	337.0 37	266.0 38	208.0 38	169.0 37	127.0 35
1964	624.0 26	618.0 23	606.0 21	478.0 27	415.0 30	316.0 29	235.0 31	187.0 31	131.0 33
1965	896.0 8	831.0 10	743.0 13	645.0 12	616.0 11	502.0 11	416.0 9	355.0 5	259.0 4
1966	516.0 35	497.0 35	433.0 36	404.0 35	378.0 32	343.0 23	272.0 24	221.0 23	158.0 24
1967	637.0 22	612.0 25	528.0 28	411.0 34	342.0 36	278.0 34	212.0 36	173.0 36	125.0 36
1968	864.0 10	813.0 11	776.0 8	619.0 13	606.0 13	432.0 14	336.0 15	274.0 15	189.0 16
1969	570.0 32	550.0 31	509.0 32	481.0 26	418.0 29	357.0 21	306.0 17	254.0 17	183.0 17
1970	634.0 23	536.0 32	521.0 31	504.0 25	422.0 28	390.0 16	305.0 19	254.0 18	198.0 15
1971	624.0 27	608.0 27	585.0 24	530.0 24	431.0 25	324.0 26	253.0 28	207.0 27	153.0 26
1972	600.0 30	568.0 29	526.0 29	468.0 31	376.0 33	279.0 33	217.0 34	175.0 34	129.0 34
1973	1060.0 6	973.0 5	890.0 5	766.0 7	671.0 7	513.0 9	413.0 10	335.0 9	231.0 9
1974	480.0 37	468.0 36	428.0 37	343.0 38	320.0 38	274.0 37	209.0 37	166.0 39	116.0 39
1975	880.0 9	875.0 7	844.0 6	793.0 6	684.0 6	550.0 6	427.0 6	337.0 8	229.0 10

09357500 ANIMAS RIVER AT HOWARDSVILLE, 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
ANIMAS RIVER AT HOWARDSVILLE, CO.

YEAR	1	3	7	14	30	60	90	120	183
1938	18.00 38	18.00 38	18.00 37	18.00 37	18.00 34	19.00 34	20.00 37	20.00 31	23.00 24
1939	15.00 30	15.00 32	15.00 31	15.00 28	15.00 25	16.00 26	17.00 25	18.00 26	31.00 35
1940	12.00 17	13.00 20	14.00 26	14.00 22	14.00 19	14.00 16	15.00 18	15.00 13	18.00 15
1941	11.00 10	11.00 8	12.00 10	13.00 12	13.00 9	14.00 17	14.00 12	15.00 14	25.00 28
1942	17.00 37	17.00 37	18.00 38	19.00 38	20.00 38	21.00 38	22.00 38	23.00 38	51.00 38
1943	13.00 26	13.00 21	14.00 27	14.00 23	15.00 26	15.00 18	15.00 13	15.00 15	17.00 11
1944	15.00 31	15.00 33	15.00 28	15.00 29	16.00 27	16.00 27	17.00 26	18.00 27	24.00 26
1945	11.00 11	11.00 9	12.00 11	12.00 7	13.00 10	13.00 8	13.00 7	14.00 8	18.00 12
1946	11.00 12	11.00 10	11.00 7	12.00 8	13.00 11	15.00 19	16.00 19	17.00 22	23.00 25
1947	12.00 18	13.00 22	13.00 19	13.00 13	14.00 20	15.00 20	16.00 20	17.00 23	21.00 20
1948	16.00 35	16.00 34	17.00 36	17.00 35	18.00 35	19.00 35	19.00 32	20.00 32	32.00 36
1949	14.00 27	14.00 28	14.00 20	15.00 30	15.00 21	15.00 21	16.00 21	16.00 16	20.00 18
1950	12.00 19	13.00 23	14.00 21	14.00 24	15.00 22	15.00 22	16.00 22	16.00 17	20.00 19
1951	11.00 13	12.00 14	12.00 12	13.00 14	13.00 12	13.00 9	14.00 8	14.00 9	16.00 8
1952	12.00 20	12.00 15	12.00 13	12.00 9	12.00 5	13.00 16	14.00 9	14.00 10	16.00 9
1953	12.00 21	13.00 16	13.00 14	13.00 15	14.00 13	14.00 11	15.00 14	16.00 18	19.00 16
1954	10.00 6	11.00 11	11.00 8	12.00 10	12.00 6	12.00 7	12.00 5	13.00 6	15.00 4
1955	12.00 22	13.00 17	13.00 15	14.00 25	14.00 14	14.00 12	15.00 15	16.00 19	23.00 21
1956	11.00 14	12.00 12	13.00 16	13.00 16	14.00 15	14.00 13	14.00 10	14.00 7	15.00 5
1957	9.00 1	9.40 1	9.70 1	9.80 1	9.90 1	10.00 1	10.00 1	11.00 1	12.00 1
1958	10.00 7	13.00 18	13.00 17	14.00 17	15.00 23	15.00 23	17.00 27	20.00 33	25.00 27
1959	16.00 36	16.00 35	16.00 32	17.00 31	19.00 37	19.00 36	19.00 33	19.00 28	23.00 22
1960	15.00 32	15.00 29	16.00 33	17.00 32	18.00 36	18.00 30	19.00 34	20.00 34	29.00 32
1961	12.00 15	12.00 13	13.00 18	14.00 18	15.00 24	15.00 24	16.00 23	16.00 20	19.00 17
1962	14.00 28	15.00 30	16.00 34	17.00 33	17.00 30	18.00 31	18.00 29	19.00 29	30.00 33
1963	12.00 16	13.00 19	14.00 22	17.00 34	17.00 31	17.00 28	18.00 30	19.00 30	23.00 23
1964	9.00 2	9.50 2	9.80 2	10.00 2	10.00 2	10.00 2	11.00 2	12.00 2	14.00 2
1965	9.00 3	9.70 3	10.00 3	10.00 3	10.00 3	11.00 3	12.00 3	12.00 3	15.00 6
1966	10.00 8	10.00 4	10.00 4	11.00 4	12.00 32	18.00 32	19.00 31	21.00 35	37.00 37
1967	10.00 9	11.00 5	11.00 5	11.00 5	12.00 7	12.00 4	14.00 11	15.00 11	17.00 10
1968	9.50 4	11.00 6	12.00 9	12.00 11	12.00 8	12.00 5	13.00 6	13.00 4	15.00 7
1969	13.00 23	14.00 24	14.00 23	14.00 19	14.00 16	14.00 14	15.00 16	16.00 21	18.00 13
1970	15.00 33	15.00 31	15.00 29	15.00 26	16.00 28	17.00 29	17.00 28	18.00 24	28.00 31
1971	14.00 29	14.00 25	15.00 30	15.00 27	17.00 29	20.00 37	20.00 35	22.00 37	31.00 34
1972	16.00 34	17.00 36	17.00 35	18.00 36	18.00 33	19.00 33	20.00 36	21.00 36	26.00 29
1973	13.00 24	14.00 26	14.00 24	14.00 20	14.00 17	15.00 25	16.00 24	18.00 25	28.00 30
1974	13.00 25	14.00 27	14.00 25	14.00 21	14.00 18	14.00 15	15.00 17	15.00 12	18.00 14
1975	10.00 5	11.00 7	11.00 6	11.00 6	11.00 4	12.00 6	12.00 4	13.00 5	14.00 3

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
39.6	26.0	19.2	16.5	15.5	16.0	48.2	258	449	217	74.3	52.8
642	97.3	16.9	8.77	7.59	12.9	627	6116	20570	19560	1265	1157
25.3	9.86	4.11	2.96	2.76	3.60	25.0	78.2	143	140	35.6	34.0
2.57	1.07	0.26	0.24	0.14	1.20	0.60	0.38	0.38	0.93	1.11	2.49
0.64	0.38	0.21	0.18	0.18	0.23	0.52	0.30	0.32	0.64	0.48	0.64
3.22	2.11	1.56	1.34	1.25	1.29	3.91	20.9	36.5	17.6	6.03	4.29

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.54	1.39	1.27	1.21	1.18	1.19	1.62	2.39	2.63	2.25	1.83	1.66
0.05	0.02	0.01	0.01	0.01	0.01	0.06	0.02	0.02	0.08	0.04	0.05
0.22	0.16	0.09	0.08	0.08	0.09	0.24	0.14	0.14	0.28	0.20	0.22
0.89	0.27	-0.11	-0.23	-0.26	0.25	-0.21	-0.30	-0.22	0.20	0.25	0.83
0.14	0.11	0.07	0.07	0.07	0.08	0.15	0.06	0.05	0.12	0.11	0.13
7.63	6.88	6.32	6.01	5.86	5.91	8.04	11.9	13.0	11.2	9.06	8.24

STATISTICS ON NORMAL ANNUAL MEANS(ALL OAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWESSNESS	COEFF. OF VARIATION	SERIAL CORR
103	659	25.7	0.32	0.25	-0.064

STATISTICS ON LOG ANNUAL MEANS(ALL OAYS)

MEAN	VARIANCE	STANOARD DEVIATION	SKWESSNESS	COEFF. OF VARIATION	SERIAL CORR
2.00	0.01	0.11	0.07	0.05	-0.056

SAN JUAN RIVER BASIN

09358900 MINERAL CREEK ABOVE SILVERTON, COLO.

LOCATION.--Lat 37°51'04", long 107°43'31", San Juan County, on right bank 200 ft (61 m) upstream from bridge, 0.6 mi (1.0 km) upstream from Middle Fork, and 4.3 mi (6.9 km) northwest of Silverton.

DRAINAGE AREA.--11.0 mi² (28.5 km²).

REMARKS.--No regulation. Red Mountain ditch diverts water above station in some years to Uncompahgre River drainage.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MINERAL CREEK ABOVE SILVERTON, 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	
1969			7	9	11	13	14	11	15	20	4	3	8	8	2	20	19	9	6	2	5	4	6	12	21	21	6	7	4	6	8	2				
1970			18	36	41	16	14	12	16	6	4	9	11	9	28	28	11	10	5	5	10	5	5	5	9	10	22	7	7	1	3	1	1			
1971			14	19	52	10	14	9	16	20	6	7	17	8	15	27	16	9	10	8	12	12	15	12	10	4	10	2	2	1	3	4	1			
1972			18	21	19	16	15	7	10	25	27	18	21	20	10	19	24	21	11	9	3	5	8	6	8	5	3	3	6	3	4	1				
1973			1	24	19	59	8	25	24	9	9	15	13	8	10	21	12	7	8	5	7	10	5	4	8	7	9	5	12	8	6	4	2	1		
1974			1	6	51	64	5	17	28	28	26	15	12	6	6	5	8	9	3	9	6	3	9	8	7	8	16	7	2							
1975			2	78	41	22	12	16	8	22	10	3	8	7	8	7	6	7	9	3	4	4	8	4	12	6	10	4	9	5	10	5	9	6		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2556	100.0	12	7.9	79	1227	48.0	24	4.9	63	393	15.3
1	1.50	2	2556	100.0	13	9.2	83	1148	44.9	25	5.6	71	330	12.9
2	1.70	104	2554	99.9	14	11.0	50	1065	41.7	26	6.6	50	259	10.1
3	2.00	192	2450	95.9	15	12.0	103	1015	39.7	27	7.6	67	209	8.1
4	2.40	182	2258	88.3	16	14.0	134	912	35.7	28	8.9	31	142	5.5
5	2.70	217	2076	81.2	17	17.0	87	778	30.4	29	10.0	40	111	4.3
6	3.20	135	1859	72.7	18	20.0	49	691	27.0	30	12.0	27	71	2.7
7	3.70	79	1724	67.4	19	23.0	47	642	25.1	31	14.0	24	44	1.7
8	4.30	121	1645	64.4	20	27.0	36	595	23.3	32	16.0	14	20	.7
9	5.00	139	1524	59.6	21	31.0	49	959	21.9	33	19.0	4	6	.2
10	5.80	95	1385	54.2	22	36.0	54	510	20.0	34	22.0	2	2	
11	6.80	63	1290	50.5	23	42.0	63	456	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
MINERAL CREEK ABOVE SILVERTON, CO.

YEAR	1	3	7	15	30	60	90	120	183									
1969	150.0	5	137.0	5	133.0	4	122.0	4	102.0	4	80.0	4	69.0	3	59.0	3	43.0	3
1970	400.0	1	237.0	1	123.0	6	108.0	6	90.0	5	82.0	3	65.0	4	57.0	4	43.0	4
1971	190.0	3	182.0	3	170.0	2	134.0	3	103.0	3	77.0	5	61.0	5	51.0	5	39.0	5
1972	142.0	6	135.0	6	125.0	5	108.0	5	85.0	6	60.0	6	47.0	6	39.0	6	29.0	6
1973	220.0	2	206.0	2	186.0	1	163.0	1	134.0	1	104.0	1	87.0	1	70.0	1	48.0	1
1974	99.0	7	92.0	7	80.0	7	69.0	7	64.0	7	58.0	7	47.0	7	38.0	7	27.0	7
1975	180.0	4	177.0	4	165.0	3	148.0	2	124.0	2	103.0	2	82.0	2	66.0	2	46.0	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
MINERAL CREEK ABOVE SILVERTON, CO.

YEAR	1	3	7	14	30	60	90	120	183									
1970	2.00	4	2.00	3	2.10	3	2.20	3	2.30	3	2.40	3	2.60	4	2.90	3	5.50	5
1971	2.10	5	2.20	5	2.30	4	2.30	4	2.40	4	2.60	4	2.70	5	3.10	4	5.40	4
1972	1.80	2	1.80	2	1.80	2	1.80	2	1.90	2	2.20	2	2.50	2	3.10	5	4.90	3
1973	2.30	6	2.40	6	2.40	6	2.50	5	2.60	6	2.80	6	3.20	6	3.60	6	6.30	6
1974	1.80	3	2.10	4	2.30	5	2.50	5	2.50	5	2.60	5	2.60	3	2.60	2	3.60	2
1975	1.50	1	1.60	1	1.70	1	1.70	1	1.80	1	1.80	1	1.80	1	1.90	1	2.60	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)											
9.70	5.16	3.30	2.60	2.36	4.04	11.8	53.8	84.3	53.0	16.1	15.4
22.0	2.95	0.91	0.35	0.16	8.01	68.1	379	429	911	51.5	184
4.70	1.72	0.95	0.59	0.39	2.83	8.25	19.5	20.7	30.2	7.18	13.6
0.30	-0.12	0.29	1.12	-0.22	2.23	0.55	0.39	0.01	0.47	-0.01	2.45
0.48	0.33	0.29	0.23	0.17	0.70	0.70	0.36	0.25	0.57	0.45	0.88
3.71	1.97	1.26	0.99	0.90	1.55	4.52	20.6	32.2	20.3	6.15	5.89

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)											
0.94	0.69	0.50	0.41	0.37	0.54	0.97	1.71	1.91	1.66	1.16	1.09
0.05	0.02	0.02	0.01	0.01	0.06	0.11	0.03	0.01	0.08	0.05	0.08
0.22	0.15	0.13	0.09	0.07	0.24	0.33	0.16	0.11	0.28	0.22	0.28
-0.11	-0.27	-0.07	0.46	-0.42	1.42	0.15	-0.06	-0.35	-0.38	-0.44	1.34
0.24	0.22	0.25	0.23	0.20	0.44	0.34	0.09	0.06	0.17	0.19	0.26
7.86	5.77	4.20	3.39	3.08	4.54	8.13	14.3	16.0	13.9	9.74	9.14

09358900 MINERAL CREEK ABOVE SILVERTON, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
21.9	18.9	4.35	-0.67	0.20	-0.729

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.33	0.01	0.09	-0.91	0.07	-0.699

09359000 MINERAL CREEK NEAR SILVERTON, COLO.

LOCATION.--Lat 37°48'51", long 107°41'41", San Juan County, 50 ft (15 m) from U.S. Highway 550, 300 ft (91 m) upstream from Bear Creek, and 1.7 mi (2.7 km) west of Silverton.

DRAINAGE AREA.--43.9 mi² (113.7 km²).

REMARKS.--Red Mountain ditch diverts water above station to Red Mountain Creek in Gunnison River basin.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MINERAL CREEK NEAR SILVERTON, CO.

CLASS YEAR	NUMBER OF DAYS IN CLASS																																			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
1938								28	104	14	6	10	27	11	5	16	10	10	11	14	14	9	10	7	4	3	8	6	8	9	11	7	1		2	
1939								18	85	16	10	28	10	17	21	31	17	16	12	10	8	11	16	5	12	14	8									
1940					1	3	23	87	17	15	37	31	17	11	7	22	7	4	7	6	9	11	11	11	11	9	5	12	3							
1941							1	36	44	37	34	25	6	11	9	8	9	9	7	6	7	7	8	21	16	7	14	15	17	4	6	1				
1942					1	3	1	11	26	79	8	16	18	32	19	15	9	6	16	11	15	11	6	3	4	13	20	7	11	4						
1943					1	25	67	27	23	16	20	14	9	9	8	2	13	12	15	14	15	23	13	12	14	10	3									
1944		2		1	1			2	45	51	13	11	53	49	16	6	4	9	5	3	10	4	5	5	8	7	8	8	9	15	9	7				
1945						2	18	56	60	14	26	22	12	17	12	13	4	2	9	10	13	17	16	10	12	5	4	9	2							
1946					1	9	12	14	39	29	13	41	13	19	23	11	7	11	17	29	16	10	20	4	2	4	5	3	2	9	2					
1947					1	1	6	73	28	20	34	13	13	4	12	9	2	8	16	18	12	13	11	8	14	15	15	13	4	2						
1948					1	2	1	15	87	11	11	29	17	15	24	11	8	17	18	12	5	15	11	5	5	11	8	4	12	11						
1949						2	47	74	24	25	15	20	14	13	11	6	4	3	9	16	11	11	9	5	10	5	4	8	12	3	2	2				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4383	100.0	12	28.0	284	2554	58.3	24	220	102	686	15.6
1	4.10	2	4383	100.0	13	33.0	204	2270	51.8	25	260	102	584	13.3
2	5.00	0	4381	100.0	14	39.0	160	2066	47.1	26	310	106	482	10.9
3	5.90	1	4381	100.0	15	46.0	172	1906	43.5	27	360	106	376	8.5
4	7.00	2	4380	99.9	16	55.0	153	1734	39.6	28	430	90	270	6.1
5	8.30	12	4378	99.9	17	65.0	100	1581	36.1	29	510	83	180	4.1
6	9.90	22	4366	99.6	18	78.0	115	1481	33.8	30	610	62	97	2.2
7	12.00	123	4344	99.1	19	92.0	136	1366	31.2	31	720	27	35	.7
8	14.00	588	4221	96.3	20	110.0	142	1230	28.1	32	860	4	8	.1
9	17.00	527	3633	82.9	21	130.0	118	1088	24.8	33	1000	2	4	
10	20.00	218	3106	70.9	22	150.0	150	970	22.1	34	1200	2	2	
11	23.00	334	2888	65.9	23	180.0	134	820	18.7					

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MINERAL CREEK NEAR SILVERTON, CO.

YEAR	1	3	7	15	30	60	90	120	183
1938	1240.0 1	988.0 2	841.0 2	768.0 1	668.0 2	531.0 1	403.0 3	325.0 3	234.0 2
1939	415.0 12	393.0 12	354.0 12	346.0 12	328.0 12	264.0 12	212.0 11	174.0 11	139.0 11
1940	500.0 10	470.0 10	419.0 10	357.0 11	335.0 10	272.0 10	212.0 12	171.0 12	130.0 12
1941	870.0 3	840.0 3	786.0 3	702.0 4	617.0 4	487.0 5	435.0 1	365.0 1	265.0 1
1942	762.0 5	740.0 5	702.0 5	679.0 5	597.0 5	505.0 3	398.0 4	317.0 4	224.0 4
1943	445.0 11	433.0 11	418.0 11	383.0 10	329.0 11	273.0 9	239.0 9	216.0 8	170.0 8
1944	804.0 4	788.0 4	771.0 4	715.0 3	643.0 3	512.0 2	407.0 2	325.0 2	225.0 3
1945	558.0 9	523.0 9	479.0 9	441.0 9	359.0 9	290.0 8	244.0 8	207.0 9	147.0 9
1946	618.0 8	604.0 8	577.0 7	532.0 7	407.0 8	270.0 11	223.0 10	190.0 10	143.0 10
1947	668.0 7	646.0 6	518.0 8	494.0 8	434.0 7	377.0 7	325.0 7	276.0 7	208.0 6
1948	690.0 6	646.0 7	640.0 6	618.0 6	560.0 6	432.0 6	342.0 6	282.0 6	200.0 7
1949	1080.0 2	1040.0 1	910.0 1	767.0 2	671.0 1	488.0 4	381.0 5	314.0 5	220.0 5

SAN JUAN RIVER BASIN

09359000 MINERAL CREEK NEAR SILVERTON, 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
MINERAL CREEK NEAR SILVERTON, CO.

YEAR	1	3	7	14	30	60	90	120	183
1939	15.00 11	15.00 11	16.00 11	16.00 10	17.00 10	18.00 10	18.00 10	19.00 10	28.00 8
1940	9.20 5	10.00 4	12.00 5	13.00 2	13.00 2	14.00 3	14.00 1	14.00 1	19.00 1
1941	12.00 10	14.00 10	15.00 10	15.00 9	16.00 9	17.00 8	17.00 9	18.00 9	30.00 9
1942	11.00 8	12.00 8	14.00 8	17.00 11	19.00 11	22.00 11	23.00 11	24.00 11	49.00 11
1943	10.00 6	11.00 5	12.00 6	13.00 3	13.00 3	14.00 4	14.00 2	15.00 2	19.00 2
1944	4.20 1	5.10 1	9.90 2	13.00 4	15.00 7	15.00 6	16.00 6	17.00 7	22.00 6
1945	10.00 7	12.00 6	12.00 3	13.00 5	13.00 4	14.00 5	15.00 5	16.00 5	21.00 3
1946	8.20 2	8.30 2	8.60 1	9.20 1	11.00 1	12.00 1	14.00 3	15.00 3	21.00 4
1947	9.00 4	12.00 7	13.00 7	14.00 6	14.00 5	14.00 2	15.00 4	16.00 4	22.00 7
1948	8.80 3	9.90 3	12.00 4	15.00 7	16.00 8	17.00 9	17.00 7	18.00 8	30.00 10
1949	12.00 9	14.00 9	15.00 9	15.00 8	15.00 6	16.00 7	17.00 8	17.00 6	21.00 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)											
51.0	28.0	19.2	16.7	15.9	17.2	55.7	234	446	252	97.2	68.0
1039	85.8	11.0	10.7	10.9	2.94	555	3105	18900	16040	1810	1043
32.2	9.27	3.32	3.27	3.31	1.71	23.6	55.7	137	127	42.5	32.3
2.27	1.95	0.39	1.60	1.85	0.29	0.69	-0.50	0.04	0.12	0.70	0.66
0.63	0.33	0.17	0.20	0.21	0.10	0.42	0.24	0.31	0.50	0.44	0.48
3.92	2.16	1.48	1.28	1.22	1.32	4.28	18.0	34.3	19.4	7.48	5.23

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)											
1.65	1.43	1.28	1.21	1.19	1.23	1.71	2.36	2.63	2.34	1.95	1.79
0.04	0.02	0.01	0.01	0.01	0.00	0.03	0.01	0.02	0.07	0.04	0.04
0.21	0.12	0.08	0.08	0.08	0.04	0.19	0.12	0.14	0.26	0.20	0.20
1.39	1.27	-0.08	1.07	1.25	0.11	-0.05	-1.21	-0.42	-0.74	-0.51	0.24
0.13	0.09	0.06	0.06	0.07	0.04	0.11	0.05	0.05	0.11	0.10	0.11
7.96	6.89	6.15	5.85	5.75	5.94	8.23	11.3	12.7	11.3	9.38	8.61

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
109	580	24.1	0.00	0.22	-0.036

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.03	0.01	0.10	-0.24	0.05	-0.034

09359100 LIME CREEK NEAR SILVERTON, COLO.

LOCATION.--Lat 37°40'41", long 107°45'01", San Juan County, on left bank 2.1 mi (3.4 km) downstream from Coal Creek, 5.5 mi (8.8 km) upstream from mouth, and 10 mi (16 km) southwest of Silverton.

DRAINAGE AREA.--33.9 mi² (87.8 km²).

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LIME CREEK NEAR SILVERTON, 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																																		
1957	31	51	28	5	1	33				17	6	11	11	6	4	6	4	6	10	11	11	14	8	15	10	9	11	4	5	9	9	12	6	1	
1958				60	5	2	47			2	6	38	16	14	16	9	8	9	27	15	11	1	4	4	3	8	5	12	4	4	8	6	11	9	1
1959		31	28	10		31				8	42	23	35	51	10	10	10	4	5	2	6	6	4	3	9	6	5	10	5	7	2	2			
1960										5	16	8	61	46	41	10	21	6	3	30	15	15	11	6	10	6	6	8	7	19	9	4	3		
1961							28	31	44	42	24	23	33	18	17	6	5	7	11	8	6	7	8	4	3	11	7	5	10	7					

09359100 LIME CREEK NEAR SILVERTON, COLO.--Continued

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LIME CREEK NEAR SILVERTON, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1826	100.0	12	4.8	147	1147	62.8	24	71	45	335	18.3
1	0.40	31	1826	100.0	13	6.0	145	1000	54.8	25	89	34	290	15.8
2	0.50	82	1795	98.3	14	7.5	106	855	46.8	26	110	28	256	14.0
3	0.60	28	1713	93.8	15	9.4	51	749	41.0	27	140	52	228	12.4
4	0.80	28	1685	92.3	16	12.0	62	698	38.2	28	180	27	176	9.6
5	1.00	75	1657	90.7	17	15.0	29	636	34.8	29	220	40	149	8.1
6	1.20	5	1582	86.6	18	18.0	46	607	33.2	30	280	38	109	5.9
7	1.50	34	1577	86.4	19	23.0	64	561	30.7	31	350	28	71	3.8
8	1.90	108	1543	84.5	20	29.0	54	497	27.2	32	430	26	43	2.3
9	2.40	46	1435	78.6	21	36.0	41	443	24.3	33	540	15	17	.9
10	3.00	125	1389	76.1	22	45.0	39	402	22.0	34	680	2	2	.1
11	3.80	117	1264	69.2	23	57.0	28	363	19.9					

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

YEAR	1	3	7	15	30	60	90	120	183									
1957	682.0	1	638.0	2	589.0	2	471.0	2	467.0	2	324.0	2	249.0	2	205.0	1	143.0	1
1958	680.0	2	653.0	1	644.0	1	590.0	1	495.0	1	344.0	1	251.0	1	191.0	2	128.0	2
1959	374.0	5	357.0	5	309.0	5	219.0	5	205.0	5	138.0	5	97.0	5	74.0	5	50.0	5
1960	454.0	3	417.0	3	346.0	4	308.0	4	291.0	3	221.0	3	177.0	3	138.0	3	92.0	3
1961	410.0	4	379.0	4	349.0	3	342.0	3	268.0	4	196.0	4	141.0	4	108.0	4	77.0	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
LIME CREEK NEAR SILVERTON, CO.

YEAR	1	3	7	14	30	60	90	120	183							
1958	1.00	3	1.00	3	1.00	2	1.00	2	1.30	2	2.00	2	6.80	3		
1959	0.50	1	0.50	1	0.50	1	0.50	1	0.66	1	0.94	1	1.50	1	3.20	1
1960	1.00	2	1.00	2	2.10	4	4.50	4	5.80	4	6.60	4	13.00	4		
1961	2.00	4	2.00	4	2.00	3	2.00	3	2.30	3	2.50	3	2.80	3	3.80	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,SKWEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
11.9	11.0	3.90	2.68	1.88	2.58	42.2	233	228	48.8	20.1	15.6
118	81.6	9.80	6.44	3.33	4.29	862	14830	21620	5277	809	133
10.9	9.03	3.13	2.54	1.83	2.07	29.4	122	147	72.6	28.4	11.5
1.04	1.07	1.25	1.70	1.80	0.57	0.59	0.99	1.24	2.19	2.21	0.35
0.91	0.82	0.80	0.95	0.97	0.80	0.70	0.52	0.65	1.49	1.41	0.74
1.92	1.77	0.63	0.43	0.30	0.42	6.78	37.5	36.6	7.85	3.24	2.51

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,SKWEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.87	0.92	0.44	0.26	0.14	0.27	1.53	2.32	2.29	1.39	1.05	1.07
0.30	0.12	0.21	0.20	0.14	0.18	0.12	0.05	0.08	0.27	0.21	0.14
0.54	0.35	0.46	0.45	0.37	0.43	0.34	0.23	0.28	0.52	0.46	0.38
-0.95	0.62	-1.17	-0.43	1.01	-0.34	-0.25	-0.23	0.26	1.43	1.88	-0.13
0.63	0.38	1.04	1.69	2.71	1.59	0.23	0.10	0.12	0.38	0.44	0.35
6.94	7.37	3.52	2.11	1.09	2.13	12.1	18.5	18.2	11.1	8.40	8.55

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWEWNESS	COEFF. OF VARIATION	SERIAL CORR
51.9	356	18.9	-0.33	0.36	-0.043

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.69	0.03	0.18	-0.80	0.10	-0.204

SAN JUAN RIVER BASIN

09359500 ANIMAS RIVER ABOVE TACOMA, COLO.

LOCATION.--Lat 37°34'13", long 107°46'48", La Plata County, on left bank 1.0 mi (1.6 km) upstream from Tank Creek, 1.9 mi (3.1 km) downstream from Cascade Creek, and 3.2 mi (5.1 km) north of Tacoma.

DRAINAGE AREA.--348 mi² (901 km²).

REMARKS.--Most of flow of Little Cascade and Cascade Creeks above Lime Creek is diverted around station for power development.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ANIMAS RIVER ABOVE TACOMA, 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
1947				2	32	36	11	8	43	35	17	10	4	5	16	18	14	14	11	5	6	8	10	6	13	10	13	9	5	1	1	2			
1948				2	15	47	49	28	19	24	16	15	12	7	8	6	12	9	14	13	11	7	4	7	5	4	3	3	9	8	8			1	
1949		3	21	45	25	21	29	25	24	24	13	6	5	4	3	4	10	4	5	3	4	18	14	10	5	6	3	6	9	2	3	7	1	2	1
1950			1	30	51	37	44	45	17	13	6	6	7	9	6	9	9	11	6	8	19	8	8	9	3	3									
1951	1	4	15	66	48	34	28	19	15	11	9	11	12	9	9	8	7	7	9	5	7	6	6	5	6	4	1	2	1						
1952		1	6	75	25	59	10	7	4	7	7	7	9	12	15	13	6	6	5	15	5	5	6	3	13	8	7	9	5	6	2	8			
1953			1	9	26	94	34	33	27	14	12	9	16	13	13	11	9	7	2	5	2	3	5	7	5	4	1	1	1	1					
1954		1	36	68	11	14	18	27	21	14	13	14	9	13	12	10	12	13	4	14	18	6	3	3	1	1									
1955		11	21	22	51	22	17	17	23	13	6	17	20	20	10	13	13	8	9	6	4	8	6	7	12	3	1	1	2	2					
1956		9	35	86	23	17	26	10	8	11	10	20	12	15	9	5	9	1	8	6	4	4	3	4	13	9	3	3	3						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	3653	100.0	12	280.0	103	1380	37.8	24	1600	75	326	8.9
1	55.00	24	3653	100.0	13	320.0	109	1277	35.0	25	1900	65	251	6.8
2	64.00	83	3629	99.3	14	370.0	101	1168	32.0	26	2200	45	186	5.0
3	74.00	214	3546	97.1	15	430.0	103	1067	29.2	27	2500	34	141	3.8
4	85.00	381	3332	91.2	16	500.0	103	964	26.4	28	2900	34	107	2.9
5	99.00	272	2951	80.8	17	580.0	80	861	23.6	29	3400	21	73	1.9
6	110.00	368	2679	73.3	18	670.0	85	781	21.4	30	3900	19	52	1.4
7	130.00	243	2311	63.3	19	770.0	69	696	19.1	31	4500	20	33	.9
8	150.00	257	2068	56.6	20	890.0	63	627	17.2	32	5200	9	13	.3
9	180.00	186	1811	49.6	21	1000.0	99	554	15.4	33	6000	3	4	.1
10	210.00	129	1625	44.5	22	1200.0	79	465	12.7	34	7000	1	1	
11	240.00	116	1496	41.0	23	1400.0	60	386	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
ANIMAS RIVER ABOVE TACOMA, CO.

YEAR	1	3	7	15	30	60	90	120	183									
1947	4640.0	5	4450.0	4	3500.0	4	2780.0	4	2470.0	4	2140.0	4	1840.0	4	1550.0	4	1170.0	4
1948	6370.0	2	5420.0	3	4670.0	3	4270.0	3	4020.0	1	2910.0	2	2260.0	3	1870.0	3	1300.0	3
1949	8000.0	1	7020.0	1	6020.0	1	5100.0	1	3980.0	2	2880.0	3	2310.0	2	1890.0	2	1310.0	2
1950	2450.0	9	2350.0	9	1970.0	9	1760.0	9	1670.0	9	1290.0	9	1120.0	8	942.0	6	681.0	6
1951	3570.0	7	3230.0	7	2580.0	8	1990.0	8	1910.0	7	1390.0	8	1090.0	9	898.0	9	654.0	10
1952	5800.0	3	5670.0	2	5400.0	2	4920.0	2	3960.0	3	3020.0	1	2500.0	1	2040.0	1	1460.0	1
1953	4720.0	4	4120.0	5	3290.0	5	2620.0	5	2260.0	5	1460.0	6	1130.0	6	935.0	7	677.0	7
1954	2260.0	10	2160.0	10	1850.0	10	1560.0	10	1420.0	10	1160.0	10	994.0	10	878.0	10	666.0	9
1955	3780.0	6	3520.0	6	2960.0	6	2270.0	7	1830.0	8	1450.0	7	1120.0	7	924.0	8	677.0	8
1956	3130.0	8	3080.0	8	2780.0	7	2340.0	6	2100.0	6	1560.0	5	1190.0	5	963.0	5	697.0	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
ANIMAS RIVER ABOVE TACOMA, CO.

YEAR	1	3	7	14	30	60	90	120	183									
1947	78.00	7	84.00	7	88.00	7	91.00	7	91.00	7	95.00	7	104.00	8	119.00	9	150.00	9
1948	97.00	10	98.00	10	101.00	10	104.00	10	108.00	10	116.00	10	121.00	10	128.00	10	199.00	10
1949	60.00	3	62.00	3	64.00	3	68.00	3	70.00	3	74.00	3	78.00	2	85.00	3	107.00	4
1950	84.00	9	87.00	8	91.00	8	94.00	8	96.00	8	98.00	8	101.00	7	105.00	7	122.00	6
1951	60.00	4	70.00	4	77.00	4	83.00	5	85.00	5	88.00	5	91.00	5	93.00	5	106.00	2
1952	70.00	5	82.00	6	83.00	6	84.00	6	86.00	6	94.00	6	95.00	6	97.00	6	107.00	3
1953	82.00	8	88.00	9	93.00	9	98.00	9	105.00	9	110.00	9	110.00	9	112.00	8	131.00	7
1954	70.00	6	75.00	5	77.00	5	80.00	4	84.00	4	84.00	4	85.00	4	89.00	4	113.00	5
1955	55.00	1	58.00	1	61.00	1	64.00	1	66.00	1	72.00	2	78.00	3	82.00	2	140.00	8
1956	55.00	2	60.00	2	62.00	2	67.00	2	69.00	2	71.00	1	72.00	1	73.00	1	87.00	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)										
210	137	105	94.4	92.6	116	429	1470	2240	846	358	229	
12040	2127	719	356	251	602	20770	260600	976500	218300	21910	16680	
110	46.1	26.8	18.9	15.8	24.5	144	510	988	467	148	129	
1.49	0.91	1.07	0.53	0.08	0.86	-0.01	0.89	0.74	0.59	1.29	2.09	
0.52	0.34	0.25	0.20	0.17	0.21	0.34	0.35	0.44	0.55	0.41	0.56	
3.32	2.17	1.66	1.49	1.46	1.84	6.78	23.2	35.4	13.4	5.66	3.62	

09359500 ANIMAS RIVER ABOVE TACOMA, 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)											
2.28	2.12	2.01	1.97	1.96	2.06	2.61	3.15	3.31	2.87	2.52	2.31
0.04	0.02	0.01	0.01	0.01	0.01	0.02	0.02	0.04	0.06	0.03	0.04
0.20	0.14	0.10	0.09	0.08	0.09	0.16	0.14	0.19	0.24	0.17	0.20
0.81	0.13	0.61	0.16	-0.30	0.38	-0.32	0.40	0.19	0.26	0.39	1.01
0.09	0.07	0.05	0.04	0.04	0.04	0.05	0.05	0.06	0.08	0.07	0.09
7.81	7.26	6.89	6.75	6.72	7.06	8.94	10.8	11.4	9.83	8.66	7.93

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
528	30120	174	0.59	0.33	0.194

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.70	0.02	0.14	0.53	0.05	0.221

09361000 HERMOSA CREEK NEAR HERMOSA, COLO.

LOCATION.--Lat 37°25'19", long 107°50'40", in NE¼NW¼ sec.3, T.36 N., R.9 W., La Plata County, on right bank 20 ft (6 m) downstream from private bridge, 0.8 mi (1.3 km) northwest of Hermosa, and 2.2 mi (3.5 km) upstream from mouth.

DRAINAGE AREA.--172 mi² (445 km²).

REMARKS.--Diversions for irrigation of a few hay meadows above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HERMOSA CREEK NEAR HERMOSA, 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																																							
1921												31	122	9	10	18	16	7	10	29	8	11	12	14	3	10	6	8	8	19	12	2							
1922												109	96	22	3	16	13	14	9	4	4	3	3	5	4	4	13	9	12	15	7								
1924									17	21	6	11	125	39	24	21	7	7	5	4	2	2	4	12	8	14	7	14	12	4									
1925									137	22	5	41	12	6	4	9	9	15	5	10	9	17	12	30	6	12	3	1											
1926													54	86	51	24	31	10	8	5	2	12	6	17	5	10	11	6	17	9	1								
1941					1	6	24	37	36	35	9	20	16	12	30	13	8	15	11	4	5	5	5	5	5	8	3	6	16	16	8	6	3	2					
1942									9	24	13	53	42	25	19	21	12	12	2	9	11	11	18	16	16	20	20	11	1										
1943					1	17	80	62	23	17	15	12	22	11	12	6	9	10	2	11	21	9	7	7	6	5													
1944								8	43	78	59	22	25	9	4	6	4	4	9	10	6	11	4	6	5	14	7	15	6	4	3								
1945								21	100	51	32	20	11	25	13	8	8	4	2	3	4	9	10	5	19	14	4	2											
1946						12	29	32	25	47	31	39	38	16	14	6	6	2	7	12	16	18	12	3															
1947							11	71	45	29	13	8	16	16	23	19	28	5	9	10	12	7	5	19	8	8	3												
1948								6	23	107	44	24	22	8	11	5	5	7	11	11	9	11	12	11	9	14	7	4	1	1	3								
1949							7	98	55	21	24	15	8	9	11	10	5	8	1	4	5	6	10	6	7	24	16	9	3	2	1								
1950							6	21	63	58	45	22	24	21	15	7	4	3	10	17	11	20	14	4															
1951					4	15	95	65	24	35	26	16	6	7	14	8	2	2	15	16	5	4	3	3															
1952					3	10	8	82	61	13	11	14	10	20	10	15	5	4	2	4	8	4	5	5	5	8	15	11	5	10	10	6	2						
1953								1	52	80	55	28	14	15	17	14	16	4	9	11	6	7	4	5	12	7	6	2											
1954								11	37	48	57	42	34	18	22	10	12	6	3	3	10	12	10	14	6														
1955								3	32	39	63	18	28	32	26	14	18	7	5	5	8	6	5	11	9	9	8												
1956						1	15	58	101	33	20	21	9	9	5	3	4	7	6	18	10	10	6	7	14	9													
1957							3	12	42	8	20	47	25	5	10	4	1	6	8	7	8	6	10	10	15	7	19	18	14	7	9	8	14	8	4	2	4	4	
1958									8	29	44	34	53	48	39	23	10	6	2	4	4	6	4	7	4	3	10	11	5	6	5								
1959								1	45	85	58	68	18	9	14	6	5	11	8	7	17	5	3	4	1														
1960								1	5	18	57	37	53	37	34	9	4	5	4	3	2	2	11	7	7	6	16	22	10	11	4	1							
1961						1	34	49	22	26	14	21	38	39	24	11	5	2	8	6	8	6	12	8	7	8	13	3											
1962									11	23	40	59	56	48	14	9	2	6	4	9	8	11	6	22	7	4	8	9	7	2									
1963								2	14	33	49	48	50	34	20	15	11	9	5	11	11	11	12	10	9	5	1												
1964								2	54	55	20	27	40	18	23	21	12	16	11	14	7	8	5	9	6	3	2	4	9										
1965								1	27	90	27	16	13	7	3	13	17	15	10	15	12	11	5	7	14	9	12	16	13	6	3	3							
1966									2	20	43	80	47	26	28	11	7	4	10	9	7	7	17	14	13	10	4	6											
1967								16	61	49	24	19	40	26	20	27	26	21	5	7	6	9	7	2															
1968								3	60	25	24	38	17	22	14	19	7	17	16	20	8	7	7	8	10	11	7	6	4	4	8	4							
1969								1	65	61	15	31	3	4	12	21	17	8	13	5	7	6	9	23	11	14	6	11	12	7	3								
1970									4	22	46	29	40	33	35	34	21	20	17	8	7	12	8	10	3	3	7	4	2										
1971									1	18	68	79	59	26	9	5	5	10	9	11	16	14	16	10	4	5													
1972									22	69	84	39	21	14	7	7	8	6	12	19	36	13	9																
1973									3	1	15	22	53	56	41	33	16	11	6	12	14	8	4																

09361000 HERMOSA CREEK NEAR HERMOSA, COLO.--Continued

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

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	14609	100.0	12	34.0	1340	8281	56.7	24	350	291	1604	10.9
1	4.00	3	14609	100.0	13	41.0	959	6941	47.5	25	420	273	1313	8.9
2	4.90	12	14606	100.0	14	50.0	720	5982	40.9	26	510	263	1040	7.1
3	5.90	42	14594	99.9	15	60.0	633	5262	36.0	27	620	233	777	5.3
4	7.20	11	14552	99.6	16	73.0	502	4629	31.7	28	750	196	544	3.7
5	8.70	58	14541	99.5	17	89.0	413	4127	28.2	29	910	169	348	2.3
6	11.00	252	14483	99.1	18	110.0	294	3714	25.4	30	1100	85	179	1.2
7	13.00	875	14231	97.4	19	130.0	379	3420	23.4	31	1300	56	94	.6
8	16.00	1390	13356	91.4	20	160.0	325	3041	20.8	32	1600	31	38	.2
9	19.00	1236	11966	81.9	21	190.0	359	2716	18.6	33	2000	5	7	
10	23.00	1166	10730	73.4	22	230.0	361	2357	16.1	34	2400	2	2	
11	28.00	1283	9564	65.5	23	280.0	392	1996	13.7					

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

YEAR	1	3	7	15	30	60	90	120	183
1921	1450.0 10	1340.0 11	1210.0 9	1180.0 8	1090.0 6	891.0 4	700.0 4	570.0 3	415.0 3
1922	1210.0 12	1140.0 12	1110.0 12	1010.0 10	901.0 9	801.0 9	612.0 9	482.0 11	332.0 11
1924	951.0 19	927.0 17	908.0 17	879.0 15	751.0 16	609.0 15	489.0 15	383.0 15	265.0 16
1925	676.0 24	563.0 28	452.0 30	407.0 31	357.0 30	307.0 28	255.0 27	205.0 27	186.0 24
1926	1120.0 13	1060.0 14	1050.0 14	952.0 12	841.0 12	646.0 14	552.0 13	446.0 13	309.0 13
1941	2460.0 1	2400.0 1	2150.0 1	1830.0 1	1510.0 1	1260.0 1	952.0 1	753.0 1	530.0 1
1942	1120.0 14	1060.0 15	1000.0 15	889.0 14	807.0 14	710.0 12	581.0 11	459.0 12	317.0 12
1943	830.0 22	804.0 22	767.0 22	690.0 20	539.0 23	436.0 22	354.0 21	281.0 21	205.0 21
1944	1720.0 6	1680.0 6	1450.0 7	1280.0 5	1140.0 4	886.0 5	681.0 6	547.0 5	373.0 5
1945	758.0 23	754.0 23	649.0 23	581.0 23	562.0 21	458.0 21	350.0 22	279.0 22	196.0 22
1946	304.0 38	294.0 38	264.0 39	222.0 39	205.0 39	197.0 36	160.0 36	129.0 36	97.0 36
1947	650.0 26	630.0 25	596.0 25	550.0 25	469.0 24	367.0 25	289.0 24	235.0 23	183.0 25
1948	1850.0 5	1800.0 4	1440.0 8	1090.0 9	881.0 11	681.0 13	543.0 14	432.0 14	296.0 14
1949	1600.0 9	1360.0 10	1140.0 11	919.0 13	884.0 10	816.0 8	671.0 7	533.0 7	368.0 7
1950	392.0 35	380.0 36	348.0 36	308.0 35	259.0 34	245.0 32	208.0 30	171.0 31	125.0 31
1951	484.0 31	469.0 32	403.0 32	306.0 36	236.0 37	178.0 38	137.0 38	110.0 38	81.0 39
1952	1960.0 3	1750.0 5	1470.0 6	1190.0 7	986.0 8	898.0 3	705.0 3	554.0 4	378.0 4
1953	600.0 28	555.0 29	488.0 28	435.0 29	343.0 31	261.0 30	201.0 31	162.0 32	116.0 32
1954	392.0 36	387.0 35	355.0 35	339.0 32	281.0 32	241.0 33	183.0 34	150.0 34	110.0 34
1955	598.0 29	545.0 30	486.0 29	446.0 27	414.0 26	332.0 26	250.0 28	200.0 28	146.0 28
1956	476.0 32	471.0 31	437.0 31	414.0 30	377.0 28	288.0 29	235.0 29	188.0 29	131.0 29
1957	1920.0 4	1840.0 3	1650.0 3	1300.0 4	1020.0 7	724.0 10	577.0 12	497.0 8	362.0 8
1958	1660.0 7	1630.0 7	1570.0 4	1380.0 3	1180.0 3	866.0 6	625.0 8	484.0 10	334.0 10
1959	285.0 40	268.0 40	247.0 40	196.0 40	173.0 40	131.0 40	103.0 40	83.0 40	62.0 40
1960	978.0 17	907.0 18	813.0 21	655.0 22	588.0 20	487.0 19	439.0 17	353.0 17	242.0 18
1961	664.0 25	640.0 24	599.0 24	558.0 24	454.0 25	374.0 24	290.0 23	229.0 25	166.0 26
1962	948.0 20	906.0 19	856.0 18	684.0 21	662.0 18	495.0 18	397.0 19	317.0 20	221.0 20
1963	427.0 33	404.0 33	376.0 33	324.0 33	254.0 35	209.0 35	169.0 35	135.0 35	100.0 35
1964	610.0 27	567.0 26	551.0 26	502.0 26	374.0 29	246.0 31	186.0 33	156.0 33	116.0 33
1965	1430.0 11	1400.0 9	1180.0 10	844.0 16	816.0 13	724.0 11	610.0 10	497.0 9	361.0 9
1966	900.0 21	887.0 21	844.0 19	706.0 19	605.0 19	474.0 20	394.0 20	321.0 19	226.0 19
1967	286.0 39	282.0 39	267.0 38	238.0 38	206.0 38	151.0 39	126.0 39	106.0 39	87.0 37
1968	1120.0 15	1110.0 13	1070.0 13	983.0 11	788.0 15	566.0 16	432.0 18	348.0 18	252.0 17
1969	972.0 18	964.0 16	909.0 16	818.0 17	668.0 17	548.0 17	450.0 16	376.0 16	299.0 15
1970	980.0 16	898.0 20	813.0 20	706.0 18	544.0 22	544.0 23	286.0 25	233.0 24	151.0 23
1971	595.0 30	565.0 27	510.0 27	438.0 28	403.0 27	310.0 27	268.0 26	221.0 26	159.0 27
1972	304.0 37	295.0 37	283.0 37	261.0 37	249.0 36	224.0 34	199.0 32	175.0 30	128.0 30
1973	2320.0 2	2140.0 2	1820.0 2	1630.0 2	1360.0 2	1080.0 2	837.0 2	663.0 2	460.0 2
1974	404.0 34	392.0 34	362.0 34	317.0 34	264.0 33	184.0 37	138.0 37	113.0 37	83.0 38
1975	1650.0 8	1600.0 8	1490.0 5	1240.0 6	1100.0 5	866.0 7	687.0 5	538.0 6	370.0 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
HERMOSA CREEK NEAR HERMOSA, CO.

YEAR	1	3	7	14	30	60	90	120	183
1922	30.00 36	30.00 36	30.00 36	30.00 36	30.00 33	30.00 32	31.00 31	32.00 29	35.00 29
1925	16.00 25	16.00 22	16.00 22	16.00 22	16.00 20	16.00 17	16.00 11	17.00 11	17.00 6
1926	17.00 26	17.00 25	18.00 28	22.00 29	40.00 37	43.00 36	43.00 36	45.00 36	53.00 35
1941	12.00 17	13.00 18	13.00 12	15.00 19	18.00 22	18.00 22	20.00 22	22.00 25	26.00 25
1942	39.00 38	41.00 38	43.00 38	43.00 38	44.00 38	48.00 37	52.00 38	61.00 38	170.00 38
1943	15.00 22	16.00 23	17.00 23	17.00 23	18.00 23	20.00 26	20.00 23	21.00 22	23.00 21
1944	16.00 23	17.00 24	17.00 24	19.00 24	20.00 27	22.00 27	24.00 27	24.00 26	26.00 26
1945	16.00 24	18.00 26	18.00 25	19.00 25	19.00 24	19.00 23	20.00 24	21.00 23	23.00 22
1946	10.00 7	10.00 5	10.00 3	10.00 2	11.00 2	12.00 4	13.00 4	15.00 6	18.00 7
1947	13.00 20	14.00 20	15.00 20	16.00 20	16.00 21	16.00 18	17.00 18	18.00 19	21.00 17
1948	27.00 35	28.00 35	28.00 35	29.00 34	30.00 34	31.00 33	31.00 32	32.00 30	51.00 34
1949	17.00 27	18.00 27	18.00 26	19.00 26	19.00 25	19.00 24	20.00 25	21.00 24	22.00 18
1950	17.00 28	18.00 28	18.00 27	19.00 27	20.00 26	20.00 25	22.00 26	24.00 27	28.00 27

09361000 HERMOSA CREEK NEAR HERMOSA, 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
HERMOSA CREEK NEAR HERMOSA, CO.

YEAR	1	3	7	14	30	60	90	120	183
1951	9.00 3	10.00 6	11.00 4	12.00 6	13.00 6	13.00 5	14.00 5	14.00 3	16.00 4
1952	7.50 2	9.00 2	9.90 2	10.00 3	13.00 7	14.00 6	15.00 6	15.00 4	15.00 2
1953	12.00 18	13.00 19	14.00 16	14.00 12	15.00 16	16.00 19	16.00 12	16.00 7	19.00 11
1954	11.00 12	12.00 11	12.00 7	12.00 7	14.00 11	15.00 11	16.00 13	17.00 12	19.00 12
1955	11.00 13	12.00 12	14.00 17	14.00 13	15.00 17	16.00 12	17.00 19	17.00 13	24.00 24
1956	10.00 8	12.00 13	13.00 13	14.00 14	15.00 18	16.00 13	16.00 14	16.00 8	18.00 8
1957	4.00 1	4.30 1	4.70 1	5.30 1	5.70 1	6.70 1	7.30 1	8.40 1	9.90 1
1958	34.00 37	35.00 37	37.00 37	39.00 37	39.00 36	48.00 38	51.00 37	58.00 37	65.00 36
1959	12.00 14	13.00 14	14.00 18	14.00 15	14.00 12	16.00 14	16.00 15	17.00 14	20.00 14
1960	10.00 9	11.00 7	13.00 14	14.00 16	15.00 13	16.00 15	17.00 20	20.00 21	22.00 19
1961	10.00 10	11.00 8	11.00 5	11.00 4	12.00 3	12.00 2	13.00 2	15.00 5	18.00 9
1962	18.00 29	21.00 30	23.00 32	23.00 30	26.00 29	28.00 29	31.00 33	32.00 31	37.00 30
1963	9.50 4	10.00 3	12.00 8	12.00 8	13.00 8	14.00 7	15.00 7	17.00 15	20.00 15
1964	10.00 5	11.00 9	12.00 9	12.00 9	12.00 4	12.00 3	13.00 3	13.00 2	16.00 3
1965	12.00 15	13.00 15	14.00 15	15.00 17	15.00 14	16.00 16	16.00 16	17.00 16	19.00 13
1966	20.00 32	24.00 33	27.00 33	28.00 33	29.00 32	32.00 34	34.00 34	35.00 34	50.00 33
1967	13.00 19	13.00 16	15.00 19	15.00 18	15.00 15	17.00 20	18.00 21	18.00 20	21.00 16
1968	11.00 11	12.00 10	13.00 10	13.00 10	14.00 9	14.00 8	15.00 8	17.00 17	23.00 23
1969	12.00 16	13.00 17	13.00 11	14.00 11	14.00 10	14.00 9	15.00 9	16.00 9	18.00 10
1970	19.00 30	21.00 31	22.00 30	27.00 32	28.00 31	28.00 30	30.00 30	34.00 32	49.00 32
1971	22.00 33	25.00 34	28.00 34	30.00 35	31.00 35	32.00 35	35.00 35	36.00 35	41.00 31
1972	23.00 34	23.00 32	23.00 31	24.00 31	27.00 30	28.00 31	29.00 29	31.00 28	32.00 28
1973	19.00 31	20.00 29	20.00 29	21.00 28	23.00 28	24.00 28	26.00 28	35.00 33	78.00 37
1974	15.00 21	16.00 21	16.00 21	16.00 21	16.00 19	17.00 21	17.00 17	18.00 18	22.00 20
1975	10.00 6	10.00 4	11.00 6	11.00 5	13.00 5	15.00 10	16.00 10	17.00 10	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,SKWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
52.5	36.2	29.7	23.2	24.3	50.6	243	563	376	92.7	53.7	47.9
7337	1398	301	156	133	929	16400	96290	81470	5392	1140	2284
85.7	37.4	17.4	12.5	11.5	30.5	128	310	285	73.4	33.8	47.8
4.95	3.91	2.03	1.51	0.99	1.54	0.42	0.80	1.01	1.36	2.17	2.88
1.63	1.03	0.65	0.54	0.47	0.60	0.53	0.55	0.76	0.79	0.63	1.00
3.30	2.28	1.68	1.46	1.53	3.18	15.3	35.4	23.7	5.83	3.38	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,SKWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.54	1.45	1.36	1.31	1.34	1.64	2.32	2.68	2.45	1.85	1.67	1.56
0.10	0.07	0.05	0.04	0.04	0.05	0.07	0.06	0.12	0.09	0.05	0.09
0.32	0.27	0.23	0.20	0.19	0.23	0.26	0.25	0.34	0.31	0.22	0.29
1.78	1.37	0.57	0.68	0.47	0.37	-0.49	-0.15	-0.03	0.49	0.64	1.08
0.21	0.18	0.17	0.15	0.14	0.14	0.11	0.09	0.14	0.17	0.13	0.19
7.28	6.85	6.42	6.21	6.34	7.74	10.9	12.7	11.6	8.75	7.87	7.37

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWNESS	COEFF. OF VARIATION	SERIAL CORR
133	4292	65.5	0.51	0.49	-0.031

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWNESS	COEFF. OF VARIATION	SERIAL CORR
2.07	0.05	0.23	-0.21	0.11	-0.094

09361200 FALLS CREEK NEAR DURANGO, COLO.

LOCATION.--Lat 37°22'02", long 107°51'57", in SW¼SW¼ sec.21, T.36 N., R.9 W., La Plata County, on right bank 1.8 mi (2.9 km) upstream from mouth and 6.4 mi (10.3 km) north of Post Office in Durango.

DRAINAGE AREA.--7.18 mi² (18.60 km²).

REMARKS.--Small diversions above station for irrigation of meadows.

09361200 FALLS CREEK NEAR DURANGO, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FALLS CREEK NEAR DURANGO, 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	
1960			20	12	10	42	17	14	9	15	5	7	NUMBER OF DAYS IN CLASS																							
1961	46	52	76	30	24	27	8	5	13	2	8	7	7	6	7	3	5	6	10	15	4	2	2													
1962	33	83	65	38	14	16	17	7	19	6	12	5	6	7	4	3	4	5	8	7	2	2	2													
1963	23	131	74	15	11	16	10	6	16	11	11	13	9	9	6	4																				
1964	11	1100	37	3	12	12	17	4	15	6	16	8	7	5	4	7	2																			
1965	113	56	8	1	1	1	9	14	42	12	14	10	4	2	4	4	1	3	5	6	3	12	12	11	7	3	4									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2192	100.0	12	1.8	47	396	18.1	24	16	19	44	2.0
1	0.10	326	2192	100.0	13	2.2	41	349	15.9	25	19	15	25	1.1
2	0.20	442	1866	85.1	14	2.6	32	308	14.1	26	23	3	10	.4
3	0.30	388	1424	65.0	15	3.1	28	276	12.6	27	27	4	7	.3
4	0.40	97	1036	47.3	16	3.7	25	248	11.3	28	33		3	.1
5	0.50	104	939	42.8	17	4.5	15	223	10.2	29	39	3	3	.1
6	0.60	89	835	38.1	18	5.3	28	208	9.5	30				
7	0.70	75	746	34.0	19	6.4	30	180	8.2	31				
8	0.90	48	671	30.6	20	7.7	40	150	6.8	32				
9	1.00	120	626	28.6	21	9.2	16	110	5.0	33				
10	1.30	42	506	23.1	22	11.0	23	94	4.3	34				
11	1.50	68	464	21.2	23	13.0	27	71	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
FALLS CREEK NEAR DURANGO, CO.

YEAR	1	3	7	15	30	60	90	120	183
1960	22.0 2	20.0 2	19.0 2	16.0 2	14.0 2	12.0 2	9.8 2	7.7 2	5.3 2
1961	13.0 3	13.0 3	11.0 3	9.3 3	8.3 3	6.5 3	5.0 3	3.9 3	2.7 3
1962	13.0 4	12.0 4	11.0 4	9.3 4	7.6 4	5.1 4	3.8 4	3.0 4	2.1 4
1963	4.1 6	4.0 6	3.7 6	3.2 6	2.6 6	2.2 5	1.8 5	1.5 5	1.1 5
1964	4.8 5	4.7 5	4.4 5	3.9 5	3.0 5	2.2 6	1.8 6	1.5 6	1.1 6
1965	40.0 1	39.0 1	33.0 1	24.0 1	20.0 1	17.0 1	13.0 1	9.8 1	6.8 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
FALLS CREEK NEAR DURANGO, CO.

YEAR	1	3	7	14	30	60	90	120	183
1961	0.10 1	0.10 1	0.10 1	0.10 1	0.11 3	0.12 3	0.15 3	0.18 3	0.24 4
1962	0.10 2	0.10 2	0.10 2	0.10 2	0.14 4	0.17 4	0.19 4	0.24 5	0.29 5
1963	0.10 3	0.10 3	0.10 3	0.11 5	0.16 5	0.18 5	0.20 5	0.21 4	0.22 3
1964	0.10 4	0.10 4	0.10 4	0.10 3	0.10 1	0.10 1	0.11 2	0.12 1	0.16 2
1965	0.10 5	0.10 5	0.10 5	0.10 4	0.10 2	0.10 2	0.10 1	0.12 2	0.13 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)											
0.27	0.27	0.20	0.16	0.24	0.95	5.52	7.96	3.12	0.87	0.50	0.39
0.01	0.01	0.01	0.01	0.02	1.30	19.6	45.6	12.6	0.37	0.14	0.10
0.10	0.10	0.07	0.07	0.15	1.14	4.43	6.75	3.55	0.61	0.38	0.32
0.55	0.33	0.01	1.61	0.55	2.33	1.30	1.47	2.13	1.64	1.84	1.90
0.36	0.36	0.37	0.46	0.62	1.20	0.80	0.85	1.14	0.70	0.77	0.83
1.32	1.32	0.96	0.77	1.18	4.65	27.0	38.9	15.2	4.28	2.43	1.89

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)											
-0.59	-0.59	-0.73	-0.84	-0.69	-0.19	0.61	0.78	0.32	-0.13	-0.39	-0.51
0.02	0.03	0.03	0.03	0.08	0.14	0.15	0.13	0.15	0.07	0.08	0.09
0.16	0.16	0.17	0.18	0.29	0.38	0.39	0.35	0.39	0.27	0.28	0.31
0.08	-0.36	-0.63	1.06	0.15	1.66	-0.30	0.44	1.22	0.73	0.96	0.91
-0.27	-0.27	-0.24	-0.21	-0.41	-1.94	0.63	0.46	1.23	-2.03	-0.73	-0.60
20.0	20.0	24.7	28.2	23.3	6.54	-20.6	-26.2	-10.8	4.48	13.1	17.2

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.71	1.40	1.18	0.78	0.69	-0.187

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.14	0.10	0.31	0.14	2.24	-0.077

SAN JUAN RIVER BASIN

09361400 JUNCTION CREEK NEAR DURANGO, COLO.

LOCATION.--Lat 37°20'03", long 107°54'32", in NW¼SW¼ sec.36 (projected), T.36 N., R.10 W., La Plata County, on left bank 4.3 mi (6.9 km) upstream from mouth and 4.4 mi (7.1 km) northwest of Durango.

DRAINAGE AREA.--26.3 mi² (68.1 km²).

REMARKS.--No regulation or diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
JUNCTION CREEK NEAR DURANGO, 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
1960			15	41	63	20	19		8	11	16	14	20	19	8	7	3	1	4	3	1	2	3	8	7	11	15	6	17	9	6	3	5	1	
1961				4	44	10	71	18	20	15	21	10	17	18	9	16	3	7	6	2	2	3	17	7	7	11	10	13	3	1					
1962	20	4	6	12	7	3	32	36	31	47	27	17	6	7	8	7	5	3	5	6	17	15	6	7	6	4	5	4	8	2	2				
1963		4	1	11	34	7	54	25	31	25	16	19	21	6	11	9	8	10	10	13	6	10	15	11	5	3									
1964		7	2	41	46	33	2	22	13	16	13	18	23	16	11	10	7	6	8	11	7	12	8	9	3	2	3	2	3	10	2				
1965				10	27	73		9	22	1		3	12	15	11	20	18	12	11	16	11	9	1	7	10	6	4	8	11	13	11	9	4	1	

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2192	100.0	12	5.5	92	994	45.3	24	40	42	298	13.5
1	0.80	27	2192	100.0	13	6.5	91	902	41.1	25	47	41	256	11.6
2	1.10	10	2165	98.8	14	7.7	65	811	37.0	26	56	42	215	9.8
3	1.30	63	2155	98.3	15	9.1	56	746	34.0	27	66	27	173	7.8
4	1.50	114	2092	95.4	16	11.0	62	690	31.5	28	77	45	146	6.6
5	1.70	191	1978	90.2	17	13.0	41	628	28.6	29	91	41	101	4.6
6	2.10	69	1787	81.5	18	15.0	44	587	26.8	30	110	24	60	2.7
7	2.40	271	1718	78.4	19	18.0	46	543	24.8	31	130	16	36	1.6
8	2.90	109	1447	66.0	20	21.0	45	497	22.7	32	150	14	20	.9
9	3.40	131	1338	61.0	21	24.0	50	452	20.6	33	180	5	6	.2
10	4.00	117	1207	55.1	22	29.0	48	402	18.3	34	210	1	1	
11	4.70	96	1090	49.7	23	34.0	56	354	16.1					

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
JUNCTION CREEK NEAR DURANGO, CO.

YEAR	1	3	7	15	30	60	90	120	183
1960	200.0 2	177.0 2	150.0 2	112.0 2	94.0 2	87.0 2	77.0 2	61.0 2	41.0 2
1961	110.0 5	102.0 5	86.0 5	77.0 5	68.0 5	62.0 3	50.0 3	40.0 3	28.0 3
1962	139.0 3	135.0 3	118.0 3	91.0 4	84.0 3	59.0 4	47.0 4	37.0 4	26.0 4
1963	62.0 6	60.0 6	55.0 6	46.0 6	36.0 6	34.0 6	27.0 6	21.0 6	17.0 6
1964	113.0 4	107.0 4	106.0 4	96.0 3	66.0 4	47.0 5	35.0 5	30.0 5	23.0 5
1965	230.0 1	207.0 1	179.0 1	145.0 1	136.0 1	119.0 1	100.0 1	80.0 1	58.0 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
JUNCTION CREEK NEAR DURANGO, CO.

YEAR	1	3	7	14	30	60	90	120	183
1961	1.50 3	1.60 3	1.70 3	1.70 3	1.80 3	2.10 3	2.30 2	2.50 3	3.10 4
1962	1.90 5	2.00 5	2.20 5	2.70 5	2.90 5	2.90 5	3.40 5	3.50 5	4.50 5
1963	0.90 1	0.90 1	0.94 1	0.95 1	1.10 1	1.70 2	2.40 3	2.70 4	3.00 2
1964	0.90 2	1.00 2	1.00 2	1.30 2	1.40 2	1.50 1	1.60 1	1.60 1	2.10 1
1965	1.70 4	1.70 4	1.90 4	2.00 4	2.10 4	2.30 4	2.40 4	2.50 2	3.10 3

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
5.12	3.60	2.45	2.12	2.96	9.52	50.4	69.7	40.2	9.96	9.59	7.25
3.08	1.61	0.23	0.34	1.87	33.8	576	836	1367	119	62.2	38.2
1.75	1.27	0.48	0.58	1.37	5.82	24.0	28.9	37.0	10.9	7.89	6.18
-0.02	-0.76	-0.23	0.68	0.55	0.83	0.03	0.90	1.74	2.30	0.70	0.92
0.34	0.35	0.19	0.28	0.46	0.61	0.48	0.41	0.92	1.10	0.82	0.85
2.40	1.69	1.15	1.00	1.39	4.47	23.7	32.8	18.9	4.68	4.51	3.41

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
0.69	0.53	0.38	0.31	0.43	0.89	1.65	1.81	1.46	0.85	0.83	0.71
0.03	0.03	0.01	0.01	0.04	0.11	0.06	0.03	0.15	0.13	0.17	0.17
0.16	0.18	0.09	0.12	0.20	0.33	0.24	0.18	0.39	0.36	0.41	0.42
-0.69	-0.92	-0.46	0.53	0.10	-1.11	-0.78	-0.02	0.04	1.20	-0.10	0.00
0.24	0.34	0.23	0.37	0.47	0.37	0.15	0.10	0.27	0.43	0.50	0.59
6.49	5.00	3.62	2.97	4.10	8.47	15.7	17.2	14.9	8.03	7.90	6.71

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
17.8	58.5	7.65	1.25	0.43	-0.173

09361500 ANIMAS RIVER AT DURANGO, COLO.--Continued

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ANIMAS RIVER AT DURANGO, 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																																				
1971						17	52	51	37	22	26	25	13	9	12	19	10	10	8	15	12	7	4	13	3												
1972						7	22	42	59	47	29	34	14	16	19	5	11	8	11	4	10	8	4	6	9	1											
1973						2	2	2	43	48	42	34	24	20	16	11	14	8	3	7	6	7	7	4	11	12	12	12	7	5	6						
1974						12	82	82	9	39	31	11	10	8	5	6	5	6	7	9	8	13	8	2	7	5											
1975						26	70	37	26	22	10	18	17	8	12	2	7	4	7	13	2	5	5	4	2	10	10	8	11	13	9	4	3				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	23010	100.0	12	440.0	793	9347	40.6	24	2300	528	2170	9.4
1	94.00	44	23010	100.0	13	500.0	832	8554	37.2	25	2700	391	1642	7.1
2	110.00	40	22966	99.8	14	580.0	748	7722	33.6	26	3100	370	1251	5.4
3	120.00	190	22926	99.6	15	670.0	643	6974	30.3	27	3600	278	881	3.8
4	140.00	843	22736	98.8	16	770.0	605	6331	27.5	28	4100	248	603	2.6
5	160.00	2243	21893	95.1	17	880.0	490	5726	24.9	29	4700	144	355	1.5
6	190.00	2577	19650	85.4	18	1000.0	639	5236	22.8	30	5400	91	211	.9
7	220.00	1822	17073	74.2	19	1200.0	292	4597	20.0	31	6200	81	120	.5
8	250.00	2093	15251	66.3	20	1300.0	597	4305	18.7	32	7200	24	39	.1
9	290.00	1513	13158	57.2	21	1500.0	693	3798	16.5	33	8300	13	15	
10	330.00	1261	11645	50.6	22	1800.0	383	3105	13.5	34	9500	2	2	
11	380.00	1037	10384	45.1	23	2000.0	552	2722	11.8					

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
ANIMAS RIVER AT DURANGO, CO.

YEAR	1	3	7	15	30	60	90	120	183
1898	4680.0 27	4160.0 33	3980.0 28	3590.0 29	3530.0 23	2720.0 27	2420.0 24	2040.0 24	1450.0 26
1900	3830.0 44	3680.0 44	3510.0 41	3210.0 34	2910.0 37	2130.0 41	1570.0 45	1250.0 46	888.0 48
1913	3700.0 47	3510.0 48	3240.0 47	2910.0 43	2510.0 42	2140.0 40	1760.0 41	1480.0 41	1130.0 41
1914	8330.0 6	7330.0 7	6250.0 11	5460.0 10	5020.0 8	4080.0 11	3320.0 11	2760.0 8	2010.0 9
1915	4430.0 32	4350.0 28	4220.0 26	3970.0 24	3420.0 26	2990.0 23	2530.0 23	2170.0 22	1590.0 23
1916	6140.0 15	5850.0 14	5630.0 14	5140.0 12	4370.0 15	3670.0 14	3140.0 13	2770.0 7	2130.0 5
1917	8460.0 5	8370.0 4	7920.0 2	7350.0 2	6310.0 2	4540.0 3	3610.0 3	2990.0 3	2150.0 4
1918	4400.0 33	4350.0 29	4240.0 25	3700.0 28	3020.0 30	2370.0 34	1900.0 35	1570.0 37	1250.0 36
1919	5600.0 20	5440.0 17	4870.0 19	4600.0 17	3510.0 24	3010.0 22	2660.0 20	2300.0 20	1690.0 20
1920	9260.0 4	8250.0 5	7900.0 3	7600.0 1	6620.0 1	5240.0 1	4170.0 1	3370.0 1	2400.0 1
1921	9300.0 3	8930.0 2	8530.0 1	6710.0 3	5680.0 3	4160.0 8	3470.0 6	2950.0 4	2210.0 3
1922	7000.0 13	6740.0 12	6510.0 9	5760.0 8	5300.0 4	4270.0 5	3410.0 7	2730.0 12	1940.0 12
1923	4680.0 28	4470.0 26	4090.0 27	3980.0 23	3660.0 21	3080.0 21	2540.0 22	2150.0 23	1630.0 22
1924	4130.0 37	3950.0 37	3420.0 43	3110.0 41	2710.0 39	2480.0 31	2050.0 33	1690.0 33	1200.0 38
1925	4650.0 30	3690.0 43	3280.0 45	2790.0 47	2230.0 48	2110.0 42	1810.0 39	1500.0 40	1300.0 31
1928	4220.0 36	4070.0 35	3730.0 34	3120.0 40	2450.0 44	2250.0 37	1880.0 36	1550.0 38	1160.0 40
1929	4600.0 31	4290.0 31	4250.0 24	3750.0 27	3450.0 25	3090.0 20	2610.0 21	2310.0 19	1870.0 15
1930	3740.0 46	3620.0 45	3580.0 39	3210.0 35	2900.0 32	2080.0 44	1770.0 40	1540.0 39	1190.0 39
1931	1890.0 63	1820.0 63	1730.0 63	1570.0 62	1420.0 62	1200.0 62	940.0 62	802.0 62	621.0 62
1932	5040.0 23	4830.0 22	4500.0 22	4140.0 22	3630.0 22	3330.0 18	2760.0 18	2360.0 18	1800.0 16
1933	4840.0 25	4340.0 30	3910.0 29	3470.0 30	3080.0 29	2250.0 38	1670.0 44	1350.0 44	1010.0 45
1934	2070.0 62	2000.0 62	1780.0 62	1540.0 63	1350.0 63	1040.0 63	789.0 63	645.0 63	496.0 63
1935	5770.0 18	5540.0 16	5110.0 16	4640.0 16	3860.0 20	2820.0 25	2210.0 29	1850.0 29	1390.0 27
1936	3680.0 48	3430.0 50	2870.0 51	2810.0 46	2650.0 40	2280.0 36	1880.0 37	1590.0 35	1210.0 37
1937	4670.0 29	4570.0 24	4330.0 23	3940.0 25	3230.0 27	2530.0 30	2150.0 30	1750.0 32	1260.0 35
1938	6100.0 16	5380.0 19	5090.0 17	4530.0 19	4170.0 16	3410.0 17	2890.0 17	2380.0 17	1740.0 18
1939	2460.0 61	2390.0 61	2110.0 61	1960.0 59	1900.0 56	1670.0 52	1330.0 52	1130.0 52	881.0 49
1940	2850.0 53	2760.0 54	2690.0 54	2300.0 53	2110.0 51	1640.0 53	1280.0 53	1050.0 56	792.0 57
1941	9500.0 2	8470.0 3	7360.0 5	5820.0 7	4820.0 11	4720.0 2	3950.0 2	3200.0 2	2330.0 2
1942	5110.0 22	4750.0 23	4560.0 21	4300.0 21	4120.0 17	3210.0 19	2660.0 19	2260.0 21	1640.0 21
1943	3660.0 49	3600.0 46	3320.0 44	2820.0 45	2200.0 49	2090.0 43	1900.0 34	1610.0 34	1280.0 32
1944	5860.0 17	5570.0 15	5060.0 18	4840.0 15	4640.0 14	4260.0 6	3330.0 10	2660.0 13	1880.0 14
1945	4040.0 40	3930.0 38	3500.0 42	3190.0 36	2850.0 34	2570.0 28	2130.0 31	1780.0 30	1280.0 33
1946	3780.0 45	3710.0 42	3660.0 37	3340.0 32	2370.0 46	1740.0 50	1480.0 47	1240.0 47	938.0 46
1947	4760.0 26	4470.0 27	3680.0 35	3170.0 37	2860.0 33	2720.0 26	2270.0 25	1930.0 26	1490.0 24
1948	7500.0 10	6760.0 11	6030.0 12	5020.0 13	4890.0 10	3570.0 15	2980.0 16	2470.0 15	1760.0 17
1949	10700.0 1	9230.0 1	7600.0 4	6350.0 5	4950.0 9	3950.0 12	3340.0 9	2750.0 9	1920.0 13
1950	2850.0 54	2800.0 53	2410.0 56	2180.0 57	2060.0 53	1630.0 54	1430.0 48	1220.0 48	890.0 47
1951	3860.0 42	3510.0 47	2950.0 50	2220.0 55	2050.0 54	1490.0 57	1160.0 59	970.0 60	721.0 60
1952	7550.0 9	7290.0 8	6990.0 6	6400.0 4	5130.0 7	4180.0 7	3490.0 5	2870.0 6	2050.0 7
1953	5000.0 24	4520.0 25	3820.0 32	3130.0 38	2740.0 38	1770.0 48	1410.0 50	1180.0 49	876.0 50
1954	2730.0 57	2620.0 57	2200.0 59	1870.0 61	1690.0 61	1380.0 59	1200.0 56	1080.0 54	826.0 53
1955	4090.0 38	3770.0 40	3270.0 46	2540.0 49	2100.0 52	1760.0 49	1390.0 51	1150.0 51	867.0 51
1956	3610.0 50	3450.0 49	3210.0 48	2720.0 48	2460.0 43	1830.0 47	1420.0 49	1170.0 50	857.0 52
1957	8090.0 7	7380.0 6	6670.0 7	5500.0 9	5250.0 6	4090.0 10	3250.0 12	2750.0 10	2020.0 8
1958	7240.0 11	6910.0 10	6670.0 8	6030.0 6	5290.0 5	3930.0 13	3090.0 14	2440.0 16	1730.0 19
1959	2560.0 59	2500.0 59	2330.0 57	2030.0 58	1710.0 60	1360.0 61	1060.0 61	875.0 61	676.0 61
1960	4350.0 34	4100.0 34	3560.0 40	3030.0 42	2930.0 31	2450.0 32	2090.0 32	1770.0 31	1280.0 34

09361500 ANIMAS RIVER AT DURANGO, 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
ANIMAS RIVER AT DURANGO, CO.

YEAR	1	3	7	15	30	60	90	120	183
1961	3660.0 43	3740.0 41	3630.0 38	3320.0 33	2820.0 36	2180.0 39	1710.0 42	1390.0 43	1080.0 43
1962	4040.0 39	4020.0 36	3680.0 36	2890.0 44	2620.0 41	2430.0 33	2260.0 27	1880.0 28	1360.0 29
1963	2850.0 55	2600.0 58	2270.0 58	2200.0 56	1900.0 57	1380.0 60	1150.0 60	991.0 58	805.0 55
1964	3910.0 41	3830.0 39	3750.0 33	3120.0 39	2370.0 47	1680.0 51	1270.0 55	1070.0 55	802.0 56
1965	5290.0 21	5170.0 21	4830.0 20	4370.0 20	4020.0 19	3460.0 16	3000.0 15	2640.0 14	1980.0 10
1966	3360.0 51	3290.0 51	3010.0 49	2460.0 51	2420.0 45	2060.0 45	1670.0 43	1440.0 42	1090.0 42
1967	3140.0 52	3120.0 52	2840.0 52	2270.0 54	1860.0 58	1510.0 56	1190.0 57	1020.0 57	791.0 58
1968	5620.0 19	5410.0 18	5340.0 15	4570.0 18	4060.0 18	2920.0 24	2250.0 28	1890.0 27	1390.0 28
1969	4310.0 35	4200.0 32	3880.0 30	3770.0 26	3150.0 28	2540.0 29	2270.0 26	1960.0 25	1470.0 25
1970	7740.0 0	5240.0 20	3630.0 31	3420.0 31	2840.0 35	2320.0 35	1850.0 38	1580.0 36	1340.0 30
1971	2820.0 56	2740.0 55	2690.0 53	2490.0 50	2190.0 50	1830.0 46	1510.0 46	1340.0 45	1030.0 44
1972	2710.0 58	2670.0 56	2500.0 55	2360.0 52	2010.0 55	1570.0 55	1280.0 54	1090.0 53	814.0 54
1973	7110.0 12	6930.0 9	6450.0 10	4980.0 14	4750.0 12	4330.0 4	3560.0 4	2890.0 5	2080.0 6
1974	2500.0 60	2400.0 60	2190.0 60	1900.0 60	1810.0 59	1480.0 58	1190.0 58	984.0 59	725.0 59
1975	6780.0 14	6430.0 13	5770.0 13	5370.0 11	4670.0 13	4110.0 9	3370.0 8	2750.0 11	1950.0 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
ANIMAS RIVER AT DURANGO, CO.

YEAR	1	3	7	14	30	60	90	120	183
1913	94.00 1	105.00 3	110.00 3	127.00 4	149.00 10	151.00 7	159.00 9	168.00 10	211.00 21
1914	144.00 26	153.00 29	165.00 30	166.00 25	185.00 38	194.00 40	206.00 41	224.00 45	299.00 46
1915	130.00 16	135.00 14	149.00 17	165.00 23	168.00 23	179.00 23	188.00 30	199.00 31	303.00 48
1916	135.00 19	148.00 20	167.00 33	182.00 42	190.00 42	200.00 42	213.00 48	226.00 46	268.00 42
1917	255.00 60	255.00 60	255.00 58	261.00 58	275.00 60	288.00 60	296.00 59	308.00 58	580.00 59
1918	100.00 2	100.00 1	100.00 1	116.00 2	139.00 4	144.00 3	148.00 4	161.00 7	219.00 25
1919	189.00 53	189.00 51	189.00 47	189.00 46	190.00 43	191.00 37	199.00 37	210.00 36	238.00 33
1920	224.00 58	241.00 58	257.00 59	264.00 59	270.00 58	280.00 58	285.00 57	297.00 55	323.00 53
1921	205.00 55	206.00 54	210.00 54	213.00 52	214.00 51	222.00 51	242.00 51	271.00 54	317.00 52
1922	170.00 44	180.00 48	190.00 48	203.00 49	213.00 50	221.00 49	227.00 49	230.00 48	255.00 39
1923	131.00 17	135.00 15	139.00 11	147.00 12	152.00 12	161.00 12	183.00 21	193.00 28	209.00 20
1924	175.00 47	175.00 45	181.00 45	183.00 43	193.00 45	201.00 43	212.00 45	218.00 42	301.00 47
1925	129.00 13	136.00 16	139.00 12	141.00 9	145.00 8	161.00 13	164.00 12	179.00 15	195.00 11
1929	135.00 18	158.00 32	169.00 36	186.00 45	194.00 46	206.00 47	211.00 44	226.00 47	253.00 38
1930	175.00 48	176.00 46	177.00 41	178.00 37	181.00 37	193.00 39	209.00 43	221.00 44	313.00 50
1931	126.00 12	126.00 7	130.00 6	132.00 5	135.00 3	138.00 2	145.00 3	151.00 3	182.00 6
1932	151.00 36	151.00 24	157.00 23	160.00 38	180.00 32	184.00 29	186.00 24	190.00 25	251.00 37
1933	103.00 3	103.00 2	103.00 2	103.00 1	103.00 1	107.00 1	126.00 1	145.00 1	181.00 5
1934	149.00 32	150.00 22	150.00 18	150.00 14	150.00 11	152.00 8	156.00 8	164.00 8	193.00 10
1935	130.00 14	133.00 12	135.00 8	142.00 10	144.00 6	146.00 6	149.00 5	151.00 2	165.00 1
1936	152.00 37	156.00 30	161.00 26	162.00 20	166.00 20	171.00 19	173.00 15	185.00 19	231.00 29
1937	140.00 23	158.00 33	164.00 28	166.00 26	174.00 25	181.00 24	186.00 25	201.00 32	233.00 30
1938	116.00 0	129.00 11	136.00 9	147.00 13	154.00 13	164.00 14	169.00 13	180.00 16	208.00 19
1939	160.00 40	165.00 39	167.00 34	170.00 29	177.00 26	187.00 34	194.00 35	210.00 37	296.00 45
1940	122.00 10	127.00 9	142.00 14	151.00 15	154.00 14	156.00 10	161.00 10	170.00 11	202.00 16
1941	110.00 4	127.00 10	148.00 16	162.00 21	168.00 21	182.00 25	199.00 38	216.00 40	288.00 43
1942	212.00 56	229.00 56	244.00 57	252.00 57	256.00 55	268.00 55	279.00 55	312.00 59	664.00 60
1943	150.00 33	152.00 25	164.00 29	165.00 24	168.00 22	170.00 17	175.00 18	184.00 18	204.00 18
1944	166.00 42	173.00 43	180.00 44	181.00 39	186.00 39	195.00 41	201.00 39	214.00 38	240.00 35
1945	146.00 27	163.00 37	173.00 38	175.00 33	179.00 31	184.00 30	189.00 31	198.00 29	227.00 28
1946	146.00 28	152.00 26	159.00 25	171.00 30	178.00 28	185.00 32	189.00 32	191.00 26	226.00 27
1947	139.00 21	162.00 36	178.00 42	181.00 40	187.00 40	191.00 38	194.00 33	208.00 35	236.00 31
1948	175.00 49	184.00 49	203.00 52	213.00 53	226.00 53	233.00 52	238.00 50	253.00 50	362.00 56
1949	138.00 20	141.00 17	151.00 19	155.00 18	169.00 24	172.00 20	175.00 19	183.00 17	214.00 23
1950	176.00 50	189.00 50	197.00 50	203.00 50	207.00 48	210.00 48	213.00 46	220.00 43	241.00 36
1951	112.00 6	117.00 4	120.00 4	125.00 3	135.00 2	145.00 4	149.00 6	157.00 5	175.00 3
1952	146.00 29	149.00 21	153.00 22	156.00 19	162.00 17	168.00 16	173.00 16	178.00 13	185.00 7
1953	156.00 39	165.00 38	168.00 35	171.00 31	178.00 29	183.00 27	186.00 26	189.00 24	215.00 24
1954	120.00 9	126.00 0	130.00 7	134.00 6	142.00 5	145.00 5	145.00 2	153.00 4	177.00 4
1955	155.00 38	158.00 34	163.00 27	168.00 27	177.00 27	188.00 35	197.00 36	206.00 34	264.00 41
1956	167.00 43	173.00 44	174.00 39	177.00 35	181.00 33	184.00 31	187.00 28	187.00 22	198.00 13
1957	115.00 7	125.00 6	139.00 13	142.00 11	147.00 9	161.00 11	168.00 11	165.00 9	174.00 2
1958	234.00 59	237.00 57	237.00 56	244.00 56	264.00 57	272.00 56	282.00 56	298.00 56	336.00 54
1959	172.00 46	193.00 52	197.00 51	202.00 48	204.00 47	205.00 45	208.00 42	215.00 39	238.00 34
1960	146.00 30	153.00 27	158.00 24	170.00 28	181.00 34	189.00 36	194.00 34	202.00 33	237.00 32
1961	148.00 31	151.00 23	152.00 20	153.00 17	163.00 18	175.00 22	188.00 29	198.00 30	225.00 26
1962	142.00 24	172.00 41	195.00 49	204.00 51	209.00 49	222.00 50	248.00 53	254.00 51	315.00 51
1963	150.00 34	153.00 28	166.00 31	182.00 41	190.00 41	204.00 44	206.00 40	218.00 41	257.00 40
1964	125.00 11	135.00 13	138.00 10	140.00 8	145.00 7	152.00 9	156.00 7	161.00 6	189.00 9
1965	140.00 22	157.00 31	167.00 32	175.00 32	181.00 35	186.00 33	186.00 27	186.00 20	198.00 14
1966	220.00 57	247.00 59	260.00 60	265.00 60	271.00 59	281.00 59	287.00 58	304.00 57	405.00 57
1967	110.00 5	123.00 5	129.00 5	135.00 7	157.00 16	172.00 21	181.00 20	192.00 27	203.00 17
1968	130.00 15	143.00 18	152.00 21	163.00 22	165.00 19	171.00 18	173.00 17	175.00 12	197.00 12
1969	150.00 35	160.00 35	170.00 37	177.00 36	181.00 36	183.00 28	184.00 22	188.00 23	199.00 15
1970	162.00 41	169.00 40	170.00 43	184.00 44	192.00 44	206.00 46	213.00 47	236.00 49	340.00 55

09361500 ANIMAS RIVER AT DURANGO, 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
ANIMAS RIVER AT DURANGO, CO.

YEAR	1	3	7	14	30	60	90	120	183
1971	188.00 52	197.00 53	208.00 53	223.00 55	231.00 54	249.00 54	250.00 54	254.00 52	310.00 49
1972	203.00 54	210.00 55	217.00 55	219.00 54	225.00 52	236.00 53	247.00 52	268.00 53	295.00 44
1973	178.00 51	180.00 47	183.00 46	195.00 47	236.00 55	272.00 57	307.00 60	351.00 60	482.00 58
1974	171.00 45	173.00 42	176.00 40	176.00 34	179.00 30	182.00 26	184.00 23	187.00 21	213.00 22
1975	143.00 25	144.00 19	146.00 15	152.00 16	156.00 15	166.00 15	170.00 14	179.00 14	187.00 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,SKENNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
420	288	219	199	202	284	834	2282	2859	1196	573	447
104200	13250	3411	2035	2196	11470	119600	713400	1768000	534000	86510	79430
323	115	58.4	45.1	46.9	107	346	845	1330	731	294	282
3.00	2.21	1.35	1.08	0.89	2.62	0.29	0.79	0.47	0.91	1.37	2.53
0.77	0.40	0.27	0.23	0.23	0.38	0.41	0.37	0.47	0.61	0.51	0.63
4.28	2.93	2.23	2.03	2.06	2.90	8.51	23.3	29.2	12.2	5.84	4.56

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,SKENNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.55	2.43	2.33	2.29	2.29	2.43	2.88	3.33	3.40	3.00	2.71	2.59
0.05	0.02	0.01	0.01	0.01	0.02	0.04	0.03	0.05	0.08	0.04	0.04
0.22	0.14	0.10	0.09	0.10	0.14	0.20	0.16	0.23	0.27	0.21	0.21
1.37	1.07	0.80	0.36	0.22	0.76	-0.45	-0.09	-0.72	-0.12	0.14	0.85
0.09	0.06	0.05	0.04	0.04	0.06	0.07	0.05	0.07	0.09	0.08	0.08
7.91	7.55	7.22	7.10	7.12	7.54	8.93	10.3	10.6	9.30	8.40	8.04

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
818	71900	268	0.28	0.33	0.080

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
2.89	0.02	0.15	-0.24	0.05	0.045

09362000 LIGHTNER CREEK NEAR DURANGO, COLO.

LOCATION.--Lat 37°16'14", long 107°53'35", in SE¼NW¼ sec.30, T.35 N., R.9 W., La Plata County, 0.6 mi (1.0 km) upstream from mouth and 0.8 mi (1.3 km) southwest of Post Office in Durango.

DRAINAGE AREA.--63.2 mi² (163.7 km²).

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LIGHTNER CREEK NEAR DURANGO, 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																																					
1928				27	40		2	62	22	18	50	16	7	10	11	3	14	19	16	22	4	7															
1929			81	66		9	2	9	18	23	14	15	19	14	4	6	11	12	15	27	5	9	4						1		1						
1930		2		98	39		30	31	18	21	13	6	8	10	8	15	10		21	5	5	8	13	4													
1931	156		32	12		25	12	38	4	13	8	12	5	13	6	7	5	11	6																		
1932			62	30		59	37	18	2	10	13	6	5	14	11	7	7	7	2	12	13	19	11	10	11												
1933	25		106	26		17	16	50	12	14	2	4	23	15	26	8	9	10	2																		
1934	81		76	46		59	8	27	3	38	4	10	6	2	5																						
1935	97		54	5		14	22	26	9	19	5	5	17	3	3	1			2	1	7	13	38	7	9	5	3										
1936		1	14	3	35	4	63	23	47	28	12	17	10	6	5	6	3	5	9	16	18	10	4	12	7	4	1	3									
1937			9	32	11	74	23	35	17	17	19	9	11	11	6	5	4	12	9	4	4	7	2	16	7	5	5	2	3	2	4						
1938						2122	43	32	19	12	8	3	2	5	6	5	15	8	6	5	10	12	11	8	10	4	8	2	7								
1939	68	39	48	35	22	26	28	5	6	1	7	5	3	3	11	3	3	10	29	7	4	2															
1940	31	2	38	27	44	21	39	41	14	19	3	8	8	2	5	13	17	19	5	6	3							1									
1941					32	48	17	44	29	8	5	9	8	21	11	7	5	4	4	7	4	6	8	12	32	12	7	4	6	3	9	2				1	
1942					5	13	11	15	20	5	5	7	63	25	34	13	9	16	13	15	12	7	15	10	11	7	6	4	3	9	8	2			1	1	
1943					60	33	37	18	52	22	15	8	3	6	23	6	3	10	11	7	5	3	4	4	2	17	11	3	2								
1944					88	11	27	50	48	15	8	4	3	7	4	4	5	4	9	11	5	8	17	15	9	5	6			1	2						
1945					2	49	32	24	73	17	17	11	16	12	10	3	8	8	8	14	7	7	8	7	6	5	5	7	5	4							

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LIGHTNER CREEK NEAR DURANGO, 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																																				
1946		12	32	3A	125	28	12	15	12	8	7	10	6	6	9	25	13	8	2									1									
1947		2	2	17	14	52	24	57	20	30	32	17	20	14	15	7	12	7	5	5	7	4	1	1													
1948			1	20	39	27	38	37	36	16	17	11	15	16	6	4	3	3	7	7	8	10	9	19	9	6	2										
1949			18	97	48	20	2	15	5	6	4	3	10	8	6	9	14	8	6	4	11	16	14	15	14	7	4	1									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	8036	100.0	12	8.9	340	2879	35.8	24	97	203	549	6.8
1	1.00	473	8036	100.0	13	11.0	215	2539	31.6	25	120	132	346	4.3
2	1.20	100	7563	94.1	14	13.0	222	2324	28.9	26	150	75	214	2.6
3	1.50	341	7463	92.9	15	16.0	217	2102	26.2	27	180	61	139	1.7
4	1.80	1005	7122	88.6	16	20.0	180	1885	23.5	28	220	16	78	.9
5	2.20	345	6117	76.1	17	24.0	212	1705	21.2	29	260	26	62	.7
6	2.70	881	5772	71.8	18	30.0	160	1493	18.6	30	320	16	36	.4
7	3.30	384	4891	60.9	19	36.0	181	1333	16.6	31	390	15	20	.2
8	4.00	614	4507	56.1	20	44.0	153	1152	14.3	32	480	2	5	
9	4.90	411	3893	48.4	21	54.0	131	989	12.3	33	590	1	3	
10	6.00	369	3482	43.3	22	65.0	170	858	10.7	34	710	2	2	
11	7.30	234	3113	38.7	23	80.0	139	688	8.6					

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LIGHTNER CREEK NEAR DURANGO, CO.

YEAR	1	3	7	15	30	60	90	120	183
1928	110.0 17	106.0 15	103.0 15	90.0 15	70.0 15	66.0 14	58.0 14	47.0 14	33.0 14
1929	358.0 4	242.0 6	149.0 13	112.0 13	96.0 13	86.0 12	72.0 10	58.0 10	42.0 10
1930	117.0 16	115.0 14	103.0 14	91.0 14	81.0 14	59.0 15	48.0 15	39.0 15	28.0 15
1931	61.0 20	61.0 18	57.0 17	54.0 17	44.0 17	32.0 18	24.0 20	19.0 19	15.0 20
1932	219.0 9	215.0 8	195.0 6	175.0 6	167.0 5	131.0 5	109.0 6	88.0 6	61.0 3
1933	58.0 21	53.0 21	48.0 20	47.0 18	39.0 19	31.0 20	28.0 17	23.0 16	17.0 16
1934	27.0 22	26.0 22	24.0 22	19.0 22	15.0 22	12.0 22	10.0 22	8.3 22	6.2 22
1935	256.0 7	230.0 7	193.0 7	170.0 7	157.0 7	131.0 6	113.0 4	89.0 4	60.0 5
1936	206.0 10	196.0 9	165.0 11	137.0 11	112.0 12	78.0 13	65.0 13	52.0 13	36.0 11
1937	441.0 3	426.0 3	394.0 2	309.0 3	226.0 3	154.0 3	113.0 5	89.0 5	60.0 6
1938	313.0 6	305.0 5	302.0 4	253.0 4	200.0 4	142.0 4	114.0 3	91.0 3	61.0 4
1939	72.0 19	61.0 19	52.0 18	46.0 19	43.0 18	38.0 16	29.0 16	22.0 17	16.0 18
1940	168.0 15	58.0 20	48.0 19	44.0 20	38.0 20	32.0 19	25.0 19	19.0 20	15.0 19
1941	764.0 1	546.0 1	480.0 1	427.0 1	336.0 1	242.0 1	202.0 1	165.0 1	112.0 1
1942	714.0 2	461.0 2	378.0 3	348.0 2	276.0 2	182.0 2	144.0 2	105.0 2	72.0 2
1943	188.0 12	183.0 12	165.0 12	133.0 12	121.0 11	90.0 10	67.0 11	53.0 11	36.0 12
1944	328.0 5	310.0 4	240.0 4	204.0 5	160.0 6	123.0 7	99.0 7	78.0 8	53.0 8
1945	197.0 11	195.0 10	177.0 8	148.0 9	126.0 9	87.0 11	66.0 12	52.0 12	36.0 13
1946	173.0 14	68.0 17	33.0 21	26.0 21	22.0 21	19.0 21	15.0 21	14.0 21	10.0 21
1947	98.0 18	78.0 16	73.0 16	62.0 16	47.0 16	33.0 17	26.0 18	22.0 18	17.0 17
1948	180.0 13	172.0 13	170.0 10	138.0 10	126.0 10	104.0 9	83.0 9	65.0 9	45.0 9
1949	228.0 8	188.0 11	176.0 9	152.0 8	139.0 8	114.0 8	99.0 8	81.0 7	57.0 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
LIGHTNER CREEK NEAR DURANGO, CO.

YEAR	1	3	7	14	30	60	90	120	183
1929	2.00 16	2.00 16	2.00 15	2.00 14	2.00 12	2.00 10	2.30 12	2.60 11	2.70 10
1930	2.00 17	2.00 17	2.00 16	2.00 15	2.00 13	2.00 11	2.30 13	2.80 14	5.20 19
1931	1.00 1	1.00 1	1.00 1	1.00 1	1.00 1	1.00 1	1.00 1	1.00 1	1.10 1
1932	2.00 18	2.00 18	2.00 17	2.00 16	2.00 14	2.00 12	2.50 14	2.90 15	3.80 16
1933	2.00 19	2.00 19	2.00 18	2.00 17	2.00 15	2.00 13	2.00 10	2.50 10	3.50 13
1934	1.00 2	1.00 2	1.00 2	1.10 5	1.19 5	2.00 14	2.30 11	2.70 12	3.60 14
1935	1.00 3	1.00 3	1.00 3	1.00 2	1.00 2	1.00 2	1.10 2	1.19 2	1.60 2
1936	2.00 20	2.00 20	2.00 19	2.00 18	2.00 16	2.50 16	2.70 16	3.00 16	3.80 15
1937	1.10 7	1.19 7	1.30 8	1.40 7	2.00 17	2.50 17	3.30 19	4.00 19	4.20 17
1938	1.19 8	1.19 8	1.19 7	1.50 8	2.50 20	3.00 19	3.00 18	3.00 17	3.20 12
1939	1.00 4	1.00 4	1.00 4	1.00 3	1.00 3	1.00 3	1.10 3	1.40 3	2.40 7
1940	1.00 5	1.00 5	1.00 5	1.00 4	1.00 4	1.19 4	1.50 4	1.80 6	2.40 8
1941	1.50 13	1.70 15	2.20 20	2.40 20	2.40 18	2.70 18	2.90 17	3.20 18	4.90 18
1942	3.30 21	3.50 21	3.90 21	4.40 21	4.80 21	6.70 21	11.00 21	12.00 21	35.00 21
1943	1.50 14	1.50 11	1.50 10	1.50 9	1.50 7	1.60 7	1.70 7	1.80 7	2.20 5
1944	1.50 15	1.50 12	1.50 11	1.50 10	1.50 8	1.50 5	1.60 5	1.70 4	2.20 6
1945	1.30 10	1.60 13	1.60 12	1.60 11	1.60 9	1.80 8	2.00 8	2.10 9	2.60 9
1946	1.00 6	1.00 6	1.10 6	1.19 6	1.40 6	1.60 6	1.70 6	1.70 5	1.80 3
1947	1.30 11	1.40 9	1.40 9	1.60 12	1.70 10	2.40 15	2.60 15	2.70 13	3.10 11
1948	1.19 9	1.50 10	1.80 14	2.10 19	2.40 19	3.20 20	3.70 20	4.60 20	5.80 20
1949	1.50 12	1.50 14	1.60 13	1.70 13	1.90 11	2.00 9	2.00 9	2.00 8	2.10 4

09362000 LIGHTNER CREEK NEAR DURANGO, 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)											
9.96	4.82	3.02	2.45	3.72	25.0	99.1	75.2	27.8	8.11	5.98	5.97
669	40.2	6.68	3.16	7.16	379	5287	3892	759	32.8	15.4	28.1
25.9	6.34	2.58	1.78	2.68	19.5	72.7	62.4	27.5	5.73	3.92	5.30
4.59	4.03	3.00	2.69	1.34	1.35	0.78	2.52	2.16	1.43	1.17	2.69
2.60	1.32	0.85	0.73	0.72	0.78	0.73	0.83	0.99	0.71	0.86	0.89
3.67	1.78	1.12	0.90	1.37	9.20	36.5	27.7	10.3	2.99	2.21	2.20

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	0.54	0.39	0.32	0.48	1.25	1.85	1.75	1.27	0.80	0.69	0.67
0.18	0.09	0.07	0.06	0.08	0.17	0.16	0.12	0.18	0.11	0.08	0.09
0.42	0.30	0.26	0.24	0.29	0.41	0.40	0.35	0.43	0.33	0.28	0.29
1.96	1.44	1.12	0.87	0.31	-0.80	-0.50	-0.61	-0.43	-0.51	-0.02	0.72
0.66	0.56	0.65	0.75	0.61	0.33	0.22	0.20	0.34	0.41	0.41	0.44
6.00	5.07	3.69	2.98	4.47	11.7	17.4	16.5	11.9	7.56	6.50	6.28

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
22.6	202	14.2	1.05	0.63	0.159

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.27	0.09	0.30	-0.36	0.24	0.091

09362900 FLORIDA RIVER NEAR HERMOSA, COLO.

LOCATION.--Lat 37°22'36", long 107°39'42", in SW¼NW¼ sec.20, T.36 N., R.7 W., La Plata County, on left bank 1.9 mi (3.1 km) upstream from True Creek and 10 mi (16 km) southeast of Hermosa.

DRAINAGE AREA.--69.4 mi² (179.7 km²).

REMARKS.--Diversions above station for irrigation of 150 acres (607,000 m²).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE IN CUBIC FEET PER SECOND

MEAN FLORIDA RIVER NEAR HERMOSA, 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																																					
1956			20	32	109	16	24	22	22	4	8	3	3	14	13	15	7	5	3	2	1	3	3	7	3	6	9	9	3								
1957	27	41	31	22	29	22	7	7	5	1	3	5	5	5	2	5	7	6	14	16	8	10	9	11	10	6	8	7	6	7	3	6	13	1			
1958						1	13	19	69	43	35	29	26	27	10	7	4	1	4	3	3	5	5	7	5	6	11	5	3	5	12	7					
1959						12	16	79	22	42	48	13	15	19	17	12	9	4	7	6	3	4	9	5	4	5	6	7	1								
1960						4	69	55	24	17	8	8	21	15	14	19	16	5	5	8	5	6	12	6	5	5	5	14	13	6	1						
1961					2	69	12	35	10	18	19	23	15	13	16	8	14	9	15	12	13	8	8	4	5	6	9	5	2	5	10						
1962					17	27	37	33	30	26	15	18	13	17	18	13	11	5	2	4	4	3	4	5	13	19	11	9	6	4	1						
1963					17	23	47	9	21	35	20	16	18	29	19	7	16	24	12	12	7	4	6	3	2	3	2	10	2	1							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2922	100.0	12	26.0	115	1371	46.9	24	200	46	392	13.4
1	4.00	27	2922	100.0	13	30.0	121	1256	43.0	25	230	51	346	11.8
2	4.70	41	2895	99.1	14	36.0	139	1135	38.8	26	270	59	295	10.0
3	5.60	51	2854	97.7	15	43.0	113	996	34.1	27	320	53	236	8.0
4	6.60	56	2803	95.9	16	51.0	92	883	30.2	28	380	63	183	6.2
5	7.90	253	2747	94.0	17	60.0	77	791	27.1	29	460	40	120	4.1
6	9.30	120	2494	85.4	18	71.0	71	714	24.4	30	540	31	80	2.7
7	11.00	299	2374	81.2	19	84.0	55	643	22.0	31	640	10	49	1.6
8	13.00	171	2075	71.0	20	99.0	62	588	20.1	32	760	18	39	1.3
9	15.00	181	1904	65.2	21	120.0	40	526	18.0	33	900	20	21	0.7
10	18.00	219	1723	59.0	22	140.0	46	486	16.6	34	1100	1	1	
11	22.00	133	1504	51.5	23	170.0	48	440	15.1					

SAN JUAN RIVER BASIN

09362900 FLORIDA RIVER NEAR HERMOSA, 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
FLORIDA RIVER NEAR HERMOSA, CO.

YEAR	1	3	7	15	30	60	90	120	183
1966	498.0 7	480.0 7	444.0 7	404.0 7	353.0 6	247.0 6	181.0 6	144.0 6	99.0 7
1957	1480.0 1	1020.0 1	929.0 2	844.0 2	783.0 1	589.0 1	462.0 1	382.0 1	272.0 1
1958	1030.0 2	988.0 2	931.0 1	899.0 1	782.0 2	562.0 2	423.0 2	326.0 2	226.0 2
1959	382.0 8	368.0 8	321.0 8	284.0 8	262.0 8	184.0 8	135.0 8	108.0 8	80.0 8
1960	662.0 3	630.0 3	557.0 5	500.0 4	466.0 3	362.0 3	303.0 3	241.0 3	165.0 3
1961	639.0 5	618.0 4	585.0 3	563.0 3	430.0 4	310.0 5	226.0 5	180.0 5	142.0 5
1962	640.0 4	607.0 5	563.0 4	465.0 5	382.0 5	356.0 4	289.0 4	227.0 4	155.0 4
1963	580.0 6	545.0 6	473.0 6	435.0 6	324.0 7	214.0 7	165.0 7	131.0 7	104.0 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
FLORIDA RIVER NEAR HERMOSA, CO.

YEAR	1	3	7	14	30	60	90	120	183
1957	4.00 1	4.30 1	4.40 1	4.50 1	4.60 1	4.80 1	5.40 1	6.00 1	6.50 1
1958	12.00 7	14.00 7	14.00 7	14.00 7	15.00 7	17.00 7	17.00 7	19.00 7	25.00 7
1959	8.50 5	8.80 5	9.10 5	9.80 5	9.90 4	10.00 3	11.00 4	11.00 3	14.00 3
1960	10.00 6	11.00 6	11.00 6	12.00 6	12.00 6	13.00 6	13.00 6	14.00 6	23.00 5
1961	7.50 2	7.70 2	7.90 2	7.90 2	8.20 2	8.40 2	8.90 2	9.80 2	13.00 2
1962	8.00 3	8.70 4	8.80 3	9.00 3	9.50 3	11.00 4	12.00 5	13.00 5	23.00 6
1963	8.00 4	8.50 3	8.90 4	9.30 4	10.00 5	11.00 5	11.00 3	12.00 4	18.00 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)											
28.1	23.2	13.0	10.8	10.7	16.7	96.1	330	323	85.1	53.1	41.3
278	161	28.5	14.6	9.73	34.1	2824	18660	52200	17030	3595	1091
16.7	12.7	5.34	3.83	3.12	5.84	53.1	137	228	130	60.0	33.0
0.48	0.36	0.84	0.33	0.23	0.08	0.56	0.57	1.14	2.74	2.45	0.60
0.59	0.55	0.41	0.36	0.29	0.35	0.55	0.41	0.71	1.53	1.13	0.80
2.73	2.25	1.26	1.04	1.04	1.62	9.32	32.0	31.3	8.26	5.15	4.01

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)											
1.37	1.30	1.08	1.01	1.01	1.20	1.92	2.48	2.41	1.69	1.56	1.46
0.09	0.08	0.03	0.03	0.02	0.03	0.06	0.04	0.10	0.17	0.13	0.17
0.30	0.27	0.18	0.17	0.13	0.16	0.25	0.20	0.32	0.41	0.37	0.41
-0.63	-0.54	-0.39	-0.85	-0.38	-0.18	-0.05	-0.75	-0.14	1.83	1.07	-0.15
0.22	0.21	0.17	0.17	0.13	0.13	0.13	0.08	0.13	0.24	0.23	0.28
7.40	7.02	5.85	5.43	5.48	6.48	10.4	13.4	13.0	9.13	8.46	7.92

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
86.1	1113	33.4	0.56	0.39	-0.254

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.91	0.03	0.17	0.06	0.09	-0.380

09363000 FLORIDA RIVER NEAR DURANGO, COLO.

LOCATION.--Lat 37°19'31", long 107°44'54", in SW¼SE¼ sec.4, T.35 N., R.8 W., La Plata County, on left bank 1.9 mi (3.1 km) downstream from Red Creek and 8 mi (13 km) northeast of Post Office in Durango.

DRAINAGE AREA.--96 mi² (249 km²), approximately.

REMARKS.--Diversions for irrigation of about 160 acres (648,000 m²) above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FLORIDA RIVER NEAR DURANGO, 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																																						
1911																5	55	48	36	50	15	20	9	16	14	15	24	27	26	5								
1918													59	37	1	36	12	1	19	69	32	33	1	1	31	32	1											
1919					1				1	6	3	4	23	33	8	33	36	31	2	16	21	21	10	11	16	25	28	22	9	5								
1920																3	46	61	97	20	23	16	9	12	7	4	10	25	30	2	1							

09363000 FLORIDA RIVER NEAR DURANGO, COLO.--Continued

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FLORIDA RIVER NEAR DURANGO, CO.

Table with columns for CLASS YEAR and 34 numbered columns representing days of the year. It shows the number of days in each class for various years from 1921 to 1955.

Summary table with columns: CLASS, VALUE, TOTAL, ACCUM, PERCT. It provides aggregated data for classes 0 through 23.

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

Table with columns for YEAR and 10 numbered columns representing different durations (1, 3, 7, 15, 30, 60, 90, 120, 183 days). It shows the highest mean value and its ranking for each duration across years 1911 to 1940.

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
FLORIDA RIVER NEAR DURANGO, CO.

YEAR	1	3	7	15	30	60	90	120	183
1941	1210.0 7	1160.0 5	1120.0 4	1000.0 4	812.0 5	740.0 3	620.0 3	496.0 3	360.0 3
1942	870.0 16	808.0 16	736.0 16	709.0 16	669.0 12	469.0 16	389.0 16	314.0 17	215.0 17
1943	660.0 26	650.0 22	586.0 20	447.0 26	354.0 27	332.0 23	269.0 22	216.0 24	159.0 24
1944	924.0 15	882.0 13	788.0 15	727.0 14	662.0 14	566.0 11	424.0 14	336.0 15	227.0 16
1945	714.0 19	669.0 19	579.0 22	471.0 23	457.0 21	406.0 19	316.0 19	252.0 19	174.0 20
1946	645.0 27	617.0 25	564.0 23	448.0 25	293.0 32	221.0 33	166.0 31	131.0 34	94.0 36
1947	935.0 14	648.0 23	500.0 28	421.0 28	362.0 25	333.0 22	255.0 23	219.0 23	166.0 23
1948	1130.0 8	1070.0 7	980.0 7	879.0 9	842.0 4	595.0 7	475.0 8	378.0 9	258.0 13
1949	1460.0 5	1350.0 3	1150.0 3	1000.0 5	804.0 6	619.0 5	504.0 6	405.0 6	275.0 9
1950	384.0 36	364.0 37	323.0 36	314.0 35	268.0 37	242.0 28	187.0 28	149.0 28	103.0 30
1951	686.0 22	608.0 26	484.0 29	363.0 30	287.0 34	187.0 37	133.0 37	106.0 37	76.0 37
1952	1100.0 10	1070.0 8	1040.0 6	949.0 6	765.0 9	595.0 8	477.0 7	385.0 8	266.0 11
1953	692.0 21	577.0 27	504.0 27	432.0 27	356.0 26	225.0 30	166.0 32	137.0 32	95.0 34
1954	451.0 32	429.0 32	379.0 34	328.0 34	287.0 35	213.0 34	166.0 33	148.0 29	111.0 28
1955	578.0 29	550.0 29	441.0 30	357.0 33	307.0 29	223.0 31	165.0 34	140.0 30	101.0 31
1956	477.0 31	466.0 31	434.0 31	394.0 29	343.0 28	240.0 29	178.0 29	140.0 31	94.0 35
1957	1950.0 2	1150.0 6	928.0 10	832.0 10	757.0 10	584.0 10	459.0 9	387.0 7	279.0 7
1958	1050.0 11	992.0 10	956.0 8	915.0 7	792.0 7	589.0 9	449.0 10	347.0 12	237.0 15
1959	384.0 37	372.0 36	321.0 37	280.0 38	257.0 38	180.0 38	130.0 38	101.0 38	72.0 38
1960	593.0 28	576.0 28	510.0 26	461.0 24	438.0 22	352.0 21	309.0 20	252.0 20	171.0 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
FLORIDA RIVER NEAR DURANGO, CO.

YEAR	1	3	7	14	30	60	90	120	183
1919	1.00 2	2.60 6	3.20 7	4.50 9	5.00 8	5.90 13	7.30 15	9.00 17	14.00 18
1920	22.00 38	22.00 38	23.00 38	27.00 38	31.00 38	39.00 38	40.00 38	41.00 38	43.00 37
1921	7.90 29	8.20 32	8.50 31	9.20 32	11.00 34	13.00 34	16.00 34	18.00 34	20.00 25
1922	9.20 33	9.20 33	9.20 33	9.30 33	9.40 32	9.50 27	11.00 27	13.00 29	20.00 26
1923	6.60 24	6.60 23	6.60 23	6.60 22	9.00 30	11.00 28	12.00 31	13.00 30	15.00 19
1928	15.00 37	15.00 37	15.00 36	15.00 36	15.00 36	15.00 35	17.00 35	20.00 35	34.00 36
1929	10.00 34	10.00 34	10.00 34	10.00 34	10.00 33	11.00 29	11.00 28	12.00 25	15.00 20
1930	6.00 21	6.00 21	6.00 20	6.00 19	6.00 16	7.50 19	8.30 20	10.00 22	25.00 31
1931	5.00 17	5.00 16	5.00 13	5.00 11	5.00 9	5.10 8	6.00 9	6.80 9	9.60 7
1932	8.00 30	8.00 30	8.00 28	8.00 27	8.00 25	11.00 30	13.00 32	15.00 32	29.00 34
1933	5.50 18	5.50 17	5.50 16	5.50 15	5.50 14	6.20 15	7.20 14	8.10 12	13.00 15
1934	6.00 22	6.00 22	6.00 21	6.00 20	6.00 17	6.00 14	6.70 11	8.30 16	17.00 23
1935	4.00 13	4.70 14	5.60 18	7.00 23	7.00 19	7.00 16	7.40 16	8.10 13	12.00 11
1936	6.00 23	6.70 24	7.00 24	7.00 24	7.00 20	7.10 18	8.00 18	9.80 20	20.00 27
1937	8.00 31	8.00 31	8.00 29	8.00 28	8.10 26	9.10 25	11.00 29	13.00 26	21.00 28
1938	7.00 27	7.00 27	7.00 25	7.00 25	7.00 21	8.00 22	8.30 21	9.50 18	14.00 16
1939	4.20 14	5.50 18	5.60 19	5.60 16	5.70 15	7.00 17	8.20 19	11.00 23	25.00 32
1940	3.90 10	4.00 11	5.10 14	5.20 10	5.30 12	5.60 10	6.10 10	6.80 10	14.00 17
1941	7.50 28	7.80 28	8.60 32	9.00 31	9.00 31	11.00 31	13.00 33	16.00 33	33.00 35
1942	14.00 35	14.00 35	14.00 35	14.00 35	14.00 35	18.00 37	21.00 37	27.00 37	77.00 38
1943	6.80 25	6.80 25	7.10 26	7.10 26	8.30 27	8.40 24	8.80 23	9.80 19	11.00 9
1944	4.00 11	4.00 12	4.90 12	5.90 17	7.00 22	7.60 20	8.60 22	9.90 21	13.00 12
1945	5.50 19	5.50 19	5.50 17	5.50 13	5.50 13	5.80 12	6.90 12	8.10 14	13.00 13
1946	3.00 8	3.00 7	3.00 6	3.00 6	3.20 4	3.80 2	4.70 4	6.20 7	13.00 14
1947	5.50 20	5.70 20	6.30 22	6.60 21	7.30 23	8.30 23	9.40 24	12.00 24	18.00 24
1948	8.00 32	8.00 29	8.00 30	8.30 30	8.50 28	9.40 26	11.00 25	13.00 27	25.00 30
1949	4.40 15	4.90 15	5.30 15	6.00 18	6.40 18	7.70 21	7.60 17	8.20 15	12.00 10
1950	7.00 26	7.00 26	7.70 27	8.10 29	8.60 29	11.00 32	12.00 30	14.00 31	16.00 21
1951	1.19 3	1.19 2	1.50 2	2.40 3	3.80 5	4.00 3	4.10 2	4.70 2	8.00 4
1952	3.20 9	3.30 9	3.80 8	4.40 8	5.10 10	5.20 9	5.30 6	5.50 4	6.20 2
1953	4.50 16	4.50 13	4.70 11	4.90 10	5.30 11	5.70 11	5.80 8	6.70 8	9.60 8
1954	1.90 5	1.90 3	2.00 3	2.00 2	2.50 2	4.80 7	7.10 13	7.80 11	8.70 5
1955	2.10 6	2.20 5	2.40 5	2.80 5	4.20 7	4.70 6	5.30 7	6.10 6	16.00 22
1956	1.80 4	2.00 4	2.30 4	2.50 4	3.20 3	4.10 4	4.60 3	5.30 3	6.70 3
1957	0.00 1	0.00 1	0.00 1	0.00 1	0.02 1	0.51 1	1.80 1	1.80 1	1.80 1
1958	14.00 36	15.00 36	16.00 37	16.00 37	16.00 37	17.00 36	18.00 36	21.00 36	28.00 33
1959	4.00 12	4.00 10	4.00 10	4.00 7	4.10 6	4.60 5	5.20 5	5.70 5	9.60 6
1960	2.70 7	3.10 8	3.90 9	5.50 14	7.80 24	11.00 33	11.00 26	13.00 28	21.00 29

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
38.9	22.8	13.3	9.26	9.57	23.4	130	371	435	124	67.8	47.2
1592	298	106	37.9	50.7	200	4882	29610	85290	12620	4176	2034
39.9	17.3	10.3	6.16	7.12	14.1	69.9	172	292	112	64.6	45.1
3.86	2.82	2.72	2.56	3.32	1.09	0.15	0.78	1.13	1.38	1.76	2.01
1.03	0.76	0.77	0.67	0.74	0.60	0.54	0.46	0.67	0.90	0.95	0.96
3.01	1.77	1.03	0.72	0.74	1.81	10.0	28.7	33.6	9.62	5.25	3.65

09363000 FLORIDA RIVER NEAR DURANGO, COLO.--Continued

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.44	1.27	1.04	0.90	0.91	1.29	2.03	2.52	2.53	1.91	1.66	1.46
0.15	0.08	0.07	0.06	0.06	0.07	0.09	0.04	0.12	0.19	0.17	0.28
0.39	0.29	0.27	0.24	0.24	0.26	0.30	0.21	0.35	0.43	0.41	0.53
-1.00	-0.19	0.22	0.14	0.51	0.08	-0.78	-0.12	-1.04	-0.29	-0.13	-1.65
0.27	0.23	0.26	0.27	0.27	0.20	0.15	0.08	0.14	0.23	0.25	0.36
7.61	6.68	5.48	4.74	4.78	6.83	10.7	13.3	13.3	10.1	8.73	7.71

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
108	2591	50.9	0.52	0.47	0.188

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.98	0.05	0.22	-0.18	0.11	0.110

09363050 FLORIDA RIVER BELOW FLORIDA FARMERS DITCH, NEAR DURANGO, COLO.

LOCATION.--Lat 37°17'42", long 107°47'28", in SW¼SW¼ sec.18, T.35 N., R.8 W., La Plata County, on right bank 30 ft (9 m) downstream from diversion dam for Florida Farmers ditch and 4.0 mi (6.4 km) east of Riverview School in Durango.

DRAINAGE AREA.--108 mi² (280 km²).

REMARKS.--Flow regulated by Lemon Reservoir (capacity, 40,100 acre-ft or 49.4 hm³). Diversions above station for irrigation above and below station and for municipal supply of Durango.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
FLORIDA R BL FLOR FARMERS DITCH, NR DURANGO, 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																																				
1968	1	1			1	3	7	8	33	44	60	39	17	18	42	12	25	13	10	9	7	2	3	3	2			1	1	4							
1969	2	2	3	2	2	9	16	8	38	63	24	22	10	22	16	11	7	5	9	5	5	12	9	18	12	23	7	3									
1970					3			1	12	26	23	44	62	53	21	27	14	1	5	20	8	23	2	2			12	1			2		3				
1971					4	2				3	8	31	31	68	88	42	6	13	8	25	34	2															
1972			2			1	25	13	22	25	30	30	72	74	36	25	9	2																			
1973							8	6	5	4	15	28	19	5	56	59	26	7	2	1	4	20	3	5	17	12	6	5	9	21	10	8	1	3			
1974	1			1		4	3	1	15	52	132	45	55	26	6	2	14	8																			
1975					1	3	14	11	22	11	80	46	13	23	13	13	9	3	10	9	11	4	6	10	15	9	9	6	7		7						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2922	100.0	12	8.0	285	1975	67.6	24	110	38	254	8.6
1	0.60	4	2922	100.0	13	9.9	316	1690	57.8	25	140	46	216	7.3
2	0.90	5	2918	99.9	14	12.0	309	1374	47.0	26	180	56	170	5.8
3	1.10	3	2913	99.7	15	15.0	232	1065	36.4	27	220	24	114	3.9
4	1.40	7	2910	99.6	16	19.0	155	833	28.5	28	270	15	90	3.0
5	1.70	7	2903	99.3	17	24.0	117	678	23.2	29	340	22	75	2.5
6	2.10	22	2896	99.1	18	30.0	47	561	19.2	30	430	21	53	1.8
7	2.60	73	2874	98.4	19	37.0	61	514	17.6	31	530	20	32	1.0
8	3.30	48	2801	95.9	20	47.0	78	453	15.5	32	660	8	12	.4
9	4.10	150	2753	94.2	21	58.0	37	375	12.8	33	830	1	4	.1
10	5.10	233	2603	89.1	22	73.0	61	338	11.6	34	1000	3	3	.1
11	6.40	395	2370	81.1	23	91.0	23	277	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
FLORIDA R BL FLOR FARMERS DITCH, NR DURANGO, CO.

YEAR	1	3	7	15	30	60	90	120	183
1968	426.0	410.0	277.0	163.0	121.0	74.0	58.0	48.0	39.0
1969	286.0	277.0	253.0	229.0	187.0	127.0	134.0	118.0	83.0
1970	580.0	560.0	401.0	282.0	170.0	96.0	70.0	55.0	49.0
1971	61.0	59.0	56.0	49.0	47.0	43.0	40.0	33.0	25.0
1972	30.0	28.0	25.0	24.0	23.0	18.0	17.0	15.0	14.0
1973	1070.0	1030.0	899.0	783.0	621.0	473.0	411.0	332.0	225.0
1974	35.0	35.0	34.0	32.0	25.0	17.0	16.0	14.0	12.0
1975	657.0	650.0	642.0	477.0	311.0	240.0	202.0	162.0	110.0

SAN JUAN RIVER BASIN

09363050 FLORIDA RIVER BELOW FLORIDA FARMERS DITCH, NEAR DURANGO, 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
FLORIDA R BL FLOR FARMERS DITCH, NR DURANGO, CO.

YEAR	1	3	7	14	30	60	90	120	183
1969	0.70 1	0.90 1	1.40 1	2.50 1	2.70 1	4.00 1	4.60 1	4.80 1	6.30 1
1970	2.30 6	2.40 6	4.80 7	5.20 5	7.10 6	8.50 6	9.60 6	9.90 6	19.00 6
1971	1.40 4	1.50 3	2.20 2	5.60 7	7.80 7	9.60 7	12.00 7	19.00 7	25.00 7
1972	2.70 7	2.80 7	2.80 5	2.90 2	4.50 4	6.10 4	7.30 5	8.10 5	9.00 4
1973	0.90 3	1.19 2	2.30 3	3.00 3	3.40 2	4.30 2	6.80 2	7.00 2	11.00 5
1974	0.70 2	2.00 4	3.10 6	5.30 6	6.50 5	7.10 5	7.20 4	7.50 4	7.70 3
1975	2.00 5	2.40 5	2.70 4	3.70 4	4.40 3	5.80 3	6.90 3	7.00 3	7.30 2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
18.5	13.8	13.5	10.1	10.0	20.7	73.9	125	121	44.7	12.4	15.4
481	153	143	21.4	12.4	242	8104	36700	16480	2997	59.3	468
21.9	12.4	12.0	4.63	3.52	15.5	90.0	197	128	54.7	7.70	21.6
1.88	2.19	1.91	0.99	1.82	1.36	1.28	2.48	0.79	1.23	2.80	2.75
1.19	0.90	0.89	0.46	0.35	0.75	1.22	1.57	1.06	1.22	0.62	1.41
3.86	2.87	2.82	2.12	2.10	4.32	15.4	26.1	25.3	9.34	2.58	3.21

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.04	1.02	1.01	0.97	0.98	1.23	1.56	1.74	1.74	1.35	1.05	0.99
0.21	0.10	0.10	0.03	0.02	0.08	0.30	0.32	0.43	0.29	0.03	0.14
0.46	0.32	0.32	0.13	0.13	0.28	0.55	0.57	0.65	0.54	0.18	0.37
0.73	0.70	0.93	0.54	1.35	1.13	0.65	0.80	-0.11	0.76	2.71	1.96
0.45	0.31	0.31	0.19	0.13	0.23	0.35	0.33	0.37	0.40	0.18	0.38
7.05	6.98	6.91	6.60	6.69	8.36	10.6	11.8	11.9	9.19	7.13	6.73

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
40.0	1357	36.8	1.78	0.92	-0.516

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.46	0.14	0.38	0.30	0.26	-0.700

09363100 SALT CREEK NEAR OXFORD, COLO.

LOCATION.--Lat 37°08'23", long 107°45'10", in NE¼NE¼ sec.6, T.33 N., R.8 W., La Plata County, on right bank 2.9 mi (4.7 km) upstream from mouth, 3.0 mi (4.8 km) southwest of Oxford, and 11 mi (18 km) southeast of Durango.

DRAINAGE AREA.--16.7 mi² (43.3 km²).

REMARKS.--Most of flow is return flow from areas irrigated by water imported from Los Pinos River.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SALT CREEK NEAR OXFORD, 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																																				
1957								3	13	8	36	23	10	12	13	36	18	18	15	9	17	28	30	44	15	9	2	3	1		1		1				
1958										2	14	23	23	18	11	4	10	13	16	19	21	58	67	35	7	14	6	3	1								
1959	1								25	37	32	8	32	5	8	5	13	6	3	6	16	40	17	55	42	9	3	2									
1960	22									29	28	9	11	33	9	3	2	4	17	3	5	14	13	15	69	47	15	6	3	4	1	4					
1961								7	46	29	15	12	5	2	5	3	4	28	13	7	24	13	25	43	43	30	6	3	2								
1962								6	7	38	8	16	12	10	16	6	3	4	12	1	14	18	28	46	79	27	2										
1963								3	16	39	12	6	7	9	8	12	15	16	11	11	17	48	71	30	19	1	1	2									
1968								7	7	23	24	16	21	7	4	6	11	14	18	9	9	8	15	64	77	22	4										
1969									12	8	3	16	25	16	31	6	4	6	14	15	15	3	6	42	81	41	9	4	4	3	1						
1970		2	1	3					5	9	23	5	25	32	19	10	5	9	9	25	9	7	8	13	54	65	14	5	4	1	2						
1971								4	13	11	11	23	20	16	10	13	4	3	15	10	11	27	28	68	55	22											1
1972			2	5	7	6	16	5	12	5	18	22	5	15	15	6	2	2	5	15	45	99	44	11	2	1	1										
1973													2	5	45	19	27	25	17	14	15	16	14	29	65	36	12	11	6	3	1	1	1	1	1		
1974					1	1	13	11	13	40	30	10	6	3	4	11	37	18	5	13	18	24	66	33	4	2											
1975									7	51	15	21	10	24	8	13	8	12	5	11	7	9	18	63	45	22	5	3	2	2	3	1					

SAN JUAN RIVER BASIN

409

09363100 SALT CREEK NEAR OXFORD, COLO.--Continued

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
SALT CREEK NEAR OXFORD, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	35	5478	100.0	12	0.7	250	4366	79.7	24	22	719	1173	21.4
1	0.01	0	5443	99.4	13	0.9	169	4116	75.1	25	29	279	454	8.2
2	0.02	2	5443	99.4	14	1.2	193	3947	72.1	26	39	78	175	3.1
3	0.03	3	5441	99.3	15	1.6	141	3754	68.5	27	52	38	97	1.7
4	0.04	8	5438	99.3	16	2.1	152	3613	66.0	28	70	30	59	1.0
5	0.06	8	5430	99.1	17	2.8	204	3461	63.2	29	93	13	29	.5
6	0.08	7	5422	99.0	18	3.8	190	3257	59.5	30	130	9	16	.2
7	0.10	86	5415	98.8	19	5.1	149	3067	56.0	31	170	4	7	.1
8	0.20	202	5329	97.3	20	6.8	223	2918	53.3	32	220	1	3	
9	0.30	322	5127	93.6	21	9.1	250	2695	49.2	33	300	2	2	
10	0.40	163	4805	87.7	22	12.0	474	2445	44.6	34				
11	0.50	276	4642	84.7	23	16.0	798	1971	36.0					

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

YEAR	1	3	7	15	30	60	90	120	183
1957	300.0 2	150.0 2	75.0 4	58.0 4	41.0 3	30.0 3	26.0 6	22.0 8	15.0 11
1958	106.0 7	67.0 8	55.0 7	46.0 6	34.0 7	24.0 10	19.0 13	18.0 13	14.0 12
1959	51.0 13	36.0 13	26.0 14	19.0 15	19.0 14	14.0 15	14.0 15	13.0 15	10.0 15
1960	169.0 5	138.0 3	96.0 2	81.0 2	41.0 4	23.0 11	22.0 10	22.0 9	21.0 4
1961	88.0 8	70.0 7	46.0 8	35.0 8	34.0 8	29.0 4	28.0 2	25.0 4	18.0 7
1962	42.0 15	36.0 14	33.0 12	27.0 13	27.0 10	26.0 8	25.0 7	24.0 6	18.0 8
1963	87.0 9	51.0 10	36.0 11	30.0 11	26.0 11	25.0 9	23.0 9	22.0 10	17.0 9
1968	47.0 14	41.0 11	38.0 10	34.0 9	31.0 9	28.0 7	27.0 3	25.0 5	19.0 6
1969	155.0 6	94.0 6	74.0 5	49.0 5	35.0 5	32.0 2	32.0 1	30.0 1	25.0 1
1970	214.0 3	115.0 5	63.0 6	45.0 7	35.0 6	29.0 5	27.0 4	27.0 2	20.0 5
1971	80.0 10	39.0 12	31.0 13	30.0 10	25.0 12	22.0 12	21.0 11	21.0 11	17.0 10
1972	62.0 12	33.0 15	23.0 15	20.0 14	18.0 15	18.0 14	16.0 14	15.0 14	12.0 14
1973	315.0 1	204.0 1	112.0 1	82.0 1	58.0 1	36.0 1	27.0 5	26.0 3	25.0 2
1974	74.0 11	57.0 9	39.0 9	28.0 12	25.0 13	22.0 13	21.0 12	18.0 12	14.0 13
1975	203.0 4	126.0 4	77.0 3	68.0 3	42.0 2	28.0 6	24.0 8	23.0 7	21.0 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
SALT CREEK NEAR OXFORD, CO.

YEAR	1	3	7	14	30	60	90	120	183
1958	0.30 13	0.30 13	0.30 11	0.36 12	0.49 10	1.40 12	4.40 13	7.00 13	13.00 13
1959	0.00 1	0.07 5	0.09 5	0.11 4	0.14 2	0.18 2	0.28 1	0.46 1	3.90 1
1960	0.00 2	0.00 1	0.00 1	0.00 1	0.05 1	0.16 1	0.37 2	0.86 4	5.30 5
1961	0.10 8	0.13 8	0.14 8	0.19 8	0.20 4	0.24 3	0.67 5	1.40 5	5.90 7
1962	0.20 9	0.20 9	0.20 9	0.20 9	0.30 8	0.51 7	1.80 11	2.40 10	7.20 10
1963	0.00 3	0.00 2	0.00 2	0.01 2	0.15 3	0.90 9	1.80 12	3.30 11	6.00 8
1969	0.21 11	0.21 10	0.21 10	0.27 10	0.61 12	1.90 13	1.60 9	2.00 9	8.00 11
1970	0.02 4	0.02 3	0.04 3	0.13 5	0.21 5	0.48 6	0.68 6	0.52 3	4.90 4
1971	0.23 12	0.25 11	0.31 12	0.38 13	0.53 11	1.19 10	1.00 8	1.80 7	7.20 9
1972	0.09 7	0.10 7	0.13 6	0.17 7	0.26 6	0.71 8	0.71 7	1.80 8	5.80 6
1973	0.03 5	0.03 4	0.04 4	0.09 3	1.10 13	1.40 11	1.80 10	3.50 12	11.00 12
1974	0.20 10	0.30 12	0.33 13	0.34 11	0.39 9	0.43 5	0.53 4	1.50 6	3.90 2
1975	0.07 6	0.09 6	0.13 7	0.15 6	0.26 7	0.31 4	0.37 3	0.79 2	4.00 3

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
20.0	6.88	1.86	0.75	4.01	14.3	2.77	11.0	20.4	21.9	23.2	21.7
63.5	22.5	2.83	0.63	27.3	297	23.8	20.6	24.6	31.9	33.4	58.4
7.97	4.74	1.68	0.79	5.23	17.2	4.88	4.54	4.96	5.65	5.78	7.64
0.54	1.09	1.09	1.76	1.76	1.31	2.37	-0.33	0.37	-0.25	-0.23	0.12
0.40	0.69	0.90	1.05	1.30	1.20	1.76	0.41	0.24	0.26	0.25	0.35
13.4	4.62	1.25	0.51	2.70	9.62	1.86	7.40	13.7	14.7	15.6	14.6

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
1.26	0.74	0.10	-0.30	0.25	0.73	0.05	0.99	1.30	1.32	1.35	1.31
0.04	0.10	0.17	0.16	0.37	0.55	0.29	0.06	0.01	0.02	0.01	0.03
0.20	0.31	0.41	0.39	0.61	0.74	0.54	0.24	0.11	0.13	0.12	0.17
-0.96	-0.17	0.12	0.64	-0.09	-0.36	1.05	-1.44	-0.65	-1.57	-0.83	-0.43
0.16	0.42	4.17	-1.30	2.39	1.02	10.4	0.24	0.09	0.10	0.09	0.13
13.9	8.12	1.08	-3.34	2.80	7.99	0.57	10.9	14.3	14.5	14.8	14.4

SAN JUAN RIVER BASIN

09363100 SALT CREEK NEAR OXFORD, COLO.--Continued

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN 12.5	VARIANCE 8.87	STANDARD DEVIATION 2.98	SKEWNESS 0.48	COEFF. OF VARIATION 0.24	SERIAL CORR -0.532
--------------	------------------	----------------------------	------------------	-----------------------------	-----------------------

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN 1.08	VARIANCE 0.01	STANDARD DEVIATION 0.11	SKEWNESS -0.39	COEFF. OF VARIATION 0.10	SERIAL CORR -0.529
--------------	------------------	----------------------------	-------------------	-----------------------------	-----------------------

09363200 FLORIDA RIVER AT BONDAD, COLO.

LOCATION.--Lat 37°03'24", long 107°52'09", in NE¼SW¼ sec.31, T.33 N., R.9 W., La Plata County, on left bank 20 ft (6 m) downstream from railroad trestle, 0.6 mi (1.0 km) upstream from mouth, 0.7 mi (1.1 km) northeast of Bondad, and 15 mi (24 km) south of Durango.

DRAINAGE AREA.--221 mi² (572 km²).

REMARKS.--Diversion for irrigation of about 20,000 acres (80.9 km²) above station. Flow regulated by Lemon Reservoir (capacity, 40,100 acre-ft or 49.4 hm³) since November 1963. Most of flow is return flow from irrigated areas. Statistical summaries are shown for two periods, water years 1958-63 and water years 1968-75.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FLORIDA RIVER AT BONDAD, 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																																		
1958						2	3	16	19	22	49	34	13	17	12	22	15	13	24	9	8	12	6	4	4	7	3	10	14	9	9	4	4	1	
1959	4	8	10	25	20	35	88	45	23	35	23	16	7	4	1	3	1	5	3	3	1	2	3												
1960						1	6	33	76	48	32	16	10	13	2	11	8	9	2	6	4	4	13	7	15	25	19	5	1						
1961					1	41	71	14	15	18	18	29	23	12	13	13	11	8	14	9	15	5	8	5	2	2	14	4							
1962								1	2	28	72	50	54	21	18	19	12	13	15	7	7	3	6	4	5	15	11	2							
1963					1	1	4	17	46	54	51	45	35	19	12	9	7	9	10	12	10	3	6	3	6	2	1	2							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2191	100.0	12	27.0	190	1113	50.8	24	180	23	219	9.9
1	4.60	4	2191	100.0	13	31.0	142	923	42.1	25	210	32	196	8.9
2	5.40	8	2187	99.8	14	37.0	86	781	35.6	26	250	51	164	7.4
3	6.30	10	2179	99.5	15	43.0	58	695	31.7	27	290	48	113	5.1
4	7.40	25	2169	99.0	16	50.0	77	637	29.1	28	340	23	65	2.9
5	8.70	22	2144	97.9	17	59.0	54	560	25.6	29	400	15	42	1.9
6	10.00	80	2122	96.9	18	69.0	57	506	23.1	30	470	9	27	1.2
7	12.00	172	2042	93.2	19	81.0	68	449	20.5	31	550	9	18	.8
8	14.00	126	1870	85.3	20	95.0	46	381	17.4	32	640	4	9	.4
9	16.00	181	1744	79.6	21	110.0	45	335	15.3	33	760	4	5	.2
10	19.00	205	1563	71.3	22	130.0	29	290	13.2	34	890	1	1	
11	23.00	245	1358	62.0	23	150.0	42	261	11.9					

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

YEAR	1	3	7	15	30	60	90	120	183
1958	956.0 1	836.0 1	739.0 1	694.0 1	594.0 1	484.0 1	366.0 1	294.0 1	208.0 1
1959	162.0 6	153.0 6	116.0 6	87.0 6	70.0 6	44.0 6	35.0 6	29.0 6	24.0 6
1960	436.0 2	384.0 2	328.0 3	299.0 3	282.0 2	236.0 2	232.0 2	205.0 2	143.0 2
1961	370.0 4	352.0 4	338.0 2	328.0 2	241.0 4	195.0 4	154.0 4	125.0 4	95.0 4
1962	356.0 5	341.0 5	310.0 4	261.0 4	249.0 3	209.0 3	169.0 3	135.0 3	99.0 3
1963	387.0 3	356.0 3	289.0 5	241.0 5	150.0 5	131.0 5	98.0 5	80.0 5	67.0 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
FLORIDA RIVER AT BONDAD, CO.

YEAR	1	3	7	14	30	60	90	120	183
1958	18.00 6	18.00 6	19.00 6	21.00 6	25.00 5	27.00 5	36.00 6	45.00 6	50.00 6
1959	5.90 2	6.10 2	6.80 2	7.90 2	11.00 3	11.00 1	12.00 1	12.00 1	15.00 1
1960	4.60 1	4.80 1	5.50 1	6.00 1	7.90 1	14.00 3	14.00 3	16.00 3	22.00 3
1961	9.00 3	10.00 3	10.00 3	11.00 3	11.00 2	12.00 2	12.00 2	12.00 2	16.00 2
1962	12.00 4	13.00 4	16.00 5	19.00 5	25.00 6	28.00 6	29.00 5	30.00 5	37.00 5
1963	12.00 5	13.00 5	14.00 4	15.00 4	16.00 4	18.00 4	22.00 4	23.00 4	26.00 4

SAN JUAN RIVER BASIN

411

09363200 FLORIDA RIVER AT BONDAD, 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,SKENNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
38.0	39.8	21.2	18.0	28.8	60.1	147	217	145	22.0	27.8	33.5
191	735	86.0	41.4	494	2544	7003	24600	13760	56.2	49.7	280
13.8	27.1	9.27	6.43	22.2	50.4	83.7	157	117	7.50	7.05	16.7
0.98	1.02	0.57	0.67	1.45	1.31	-0.44	1.45	0.69	-1.49	0.74	0.34
0.36	0.68	0.44	0.36	0.77	0.84	0.57	0.72	0.81	0.34	0.25	0.50
4.77	4.99	2.66	2.26	3.61	7.54	18.4	27.2	18.1	2.76	3.48	4.20

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,SKENNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.56	1.51	1.29	1.23	1.36	1.64	2.05	2.24	2.00	1.31	1.43	1.47
0.02	0.10	0.04	0.02	0.10	0.15	0.17	0.12	0.19	0.04	0.01	0.06
0.15	0.32	0.19	0.15	0.32	0.39	0.41	0.35	0.44	0.20	0.11	0.24
0.85	-0.20	0.22	0.44	0.53	-0.22	-1.78	-0.69	-0.37	-1.95	0.62	-0.56
0.09	0.21	0.15	0.12	0.23	0.24	0.20	0.15	0.22	0.15	0.07	0.16
8.16	7.89	6.76	6.45	7.12	8.61	10.8	11.7	10.5	8.86	7.50	7.71

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
66.5	1271	35.7	0.62	0.54	-0.946

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
1.76	0.07	0.27	-0.89	0.15	-0.802

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
FLORIDA RIVER AT BONDAD, CO.

CLASS	0	1	2	3	4	5	6	7	8	9	10	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																																			
1968					1	6	21	65	21	23	19	25	38	23	36	34	11	10	10	7	4	3	3			1	2		3						
1969					1	4	34	36	10	14	9	16	18	42	26	18	12	9	7	19	23	15	6	3											
1970					3	13	56	48	37	28	23	30	17	21	11	7	13	25	7	6	5	6	3	1			1	4							
1971		2	1	8	6	9	25	47	15	22	47	40	31	44	28	27	2	7	4																
1972	3	1	3	3	4	11	16	51	67	51	51	56	28	10	4	3	3																		
1973								3	1	10	56	27	21	31	27	17	11	17	11	9	7	13	11	17	13	8	6	17	10	6	9	2	2	3	
1974	1	2	1	7	6	8	21	29	88	41	70	33	26	16	8	3	4																		
1975						4	55	15	12	11	8	30	21	20	22	15	19	13	16	5	10	8	11	9	8	4	3	1		8					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2922	100.0	12	39.0	234	1500	51.3	24	230	47	176	6.0
1	7.50	4	2922	100.0	13	45.0	205	1266	43.3	25	270	31	129	4.4
2	8.70	5	2918	99.9	14	52.0	193	1061	36.3	26	310	19	98	3.3
3	10.00	5	2913	99.7	15	61.0	184	868	29.7	27	360	14	79	2.7
4	12.00	19	2908	99.5	16	70.0	120	684	23.4	28	420	24	65	2.2
5	14.00	22	2889	98.9	17	82.0	66	554	19.3	29	490	11	41	1.4
6	16.00	53	2867	98.1	18	95.0	82	498	17.0	30	570	6	30	1.0
7	18.00	224	2814	96.3	19	110.0	69	416	14.2	31	660	17	24	.8
8	21.00	294	2590	88.6	20	130.0	45	347	11.9	32	760	2	7	.2
9	25.00	292	2296	78.6	21	150.0	28	302	10.3	33	890	2	5	.1
10	29.00	202	2004	68.6	22	170.0	50	274	9.4	34	1000	3	3	.1
11	33.00	302	1802	61.7	23	200.0	48	224	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
FLORIDA RIVER AT BONDAD, CO.

YEAR	1	3	7	15	30	60	90	120	183									
1968	394.0	4	381.0	4	277.0	4	180.0	5	147.0	5	108.0	5	100.0	4	90.0	5	73.0	5
1969	346.0	5	313.0	5	264.0	5	248.0	3	225.0	3	171.0	3	167.0	3	163.0	3	133.0	3
1970	480.0	3	441.0	3	329.0	3	244.0	4	178.0	4	121.0	4	96.0	5	93.0	4	82.0	4
1971	128.0	8	111.0	6	107.0	6	98.0	6	80.0	6	75.0	6	69.0	6	59.0	6	47.0	6
1972	144.0	6	109.0	7	76.0	8	54.0	8	49.0	8	45.0	7	44.0	7	41.0	7	35.0	8
1973	1080.0	1	1060.0	1	937.0	1	799.0	1	640.0	1	499.0	1	443.0	1	392.0	1	285.0	1
1974	142.0	7	100.0	8	83.0	7	66.0	7	50.0	7	44.0	8	41.0	8	37.0	8	36.0	7
1975	755.0	2	748.0	2	741.0	2	578.0	2	392.0	2	297.0	2	258.0	2	219.0	2	172.0	2

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
ANIMAS RIVER NEAR CEDAR HILL, N. MEX.

YEAR	1	3	7	15	30	60	90	120	183
1966	3860.0 31	3840.0 29	3380.0 30	2810.0 29	2740.0 26	2290.0 25	1910.0 25	1660.0 24	1260.0 25
1967	3190.0 34	3130.0 34	2850.0 33	2250.0 38	1890.0 40	1530.0 39	1210.0 39	1040.0 39	820.0 39
1968	6380.0 14	6120.0 13	5800.0 11	4800.0 14	4280.0 14	3060.0 15	2370.0 18	2020.0 19	1500.0 19
1969	4480.0 21	4170.0 24	3960.0 20	3770.0 17	3230.0 19	2710.0 20	2450.0 17	2160.0 15	1630.0 15
1970	8220.0 8	5730.0 15	4170.0 18	3690.0 18	3070.0 20	2450.0 23	1950.0 24	1680.0 23	1440.0 22
1971	2910.0 37	2820.0 37	2770.0 34	2580.0 34	2290.0 33	1890.0 29	1550.0 30	1360.0 26	1060.0 26
1972	2660.0 40	2610.0 40	2480.0 39	2350.0 36	2010.0 37	1590.0 37	1310.0 38	1140.0 37	859.0 37
1973	8850.0 5	8330.0 5	7160.0 6	6150.0 7	5550.0 6	5230.0 2	4340.0 2	3580.0 2	2630.0 2
1974	2380.0 41	2300.0 41	2160.0 41	1830.0 41	1780.0 41	1440.0 41	1170.0 40	987.0 40	748.0 40
1975	7370.0 11	6950.0 9	6120.0 10	5880.0 8	5160.0 8	4550.0 8	3750.0 7	3090.0 6	2230.0 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
ANIMAS RIVER NEAR CEDAR HILL, N. MEX.

YEAR	1	3	7	14	30	60	90	120	183
1935	90.00 1	109.00 1	138.00 3	162.00 6	170.00 6	175.00 4	174.00 3	185.00 3	212.00 4
1936	150.00 19	153.00 14	167.00 16	179.00 15	183.00 10	190.00 7	197.00 8	218.00 13	306.00 30
1937	180.00 29	187.00 28	191.00 25	195.00 23	202.00 21	207.00 17	212.00 17	232.00 22	275.00 23
1938	145.00 13	151.00 12	169.00 18	195.00 18	204.00 22	211.00 19	214.00 18	222.00 15	255.00 18
1939	130.00 21	140.00 9	160.00 13	175.00 11	199.00 19	211.00 20	222.00 22	241.00 25	353.00 33
1940	160.00 2	163.00 19	174.00 20	181.00 16	195.00 16	208.00 18	207.00 13	220.00 14	251.00 16
1941	125.00 6	141.00 10	159.00 10	194.00 22	229.00 33	254.00 34	276.00 35	293.00 35	378.00 34
1942	270.00 40	288.00 40	318.00 41	319.00 40	342.00 41	362.00 40	389.00 40	433.00 39	891.00 41
1943	180.00 30	195.00 32	205.00 31	212.00 32	221.00 31	231.00 30	236.00 29	246.00 27	275.00 24
1944	185.00 31	190.00 29	194.00 26	198.00 25	210.00 28	217.00 24	227.00 24	248.00 28	291.00 28
1945	190.00 32	190.00 30	194.00 27	203.00 27	209.00 26	213.00 22	216.00 19	231.00 19	259.00 19
1946	160.00 22	167.00 22	176.00 21	188.00 21	199.00 20	201.00 15	208.00 14	216.00 12	250.00 15
1947	120.00 3	137.00 5	159.00 11	187.00 19	197.00 18	212.00 21	220.00 21	232.00 20	265.00 21
1948	190.00 33	206.00 35	209.00 34	218.00 34	235.00 34	249.00 33	260.00 32	275.00 32	398.00 36
1949	170.00 27	173.00 25	189.00 24	200.00 26	208.00 25	221.00 25	232.00 26	241.00 26	263.00 20
1950	160.00 23	170.00 24	204.00 30	211.00 31	229.00 32	247.00 32	254.00 31	265.00 31	287.00 26
1951	136.00 11	139.00 7	142.00 5	145.00 4	152.00 3	171.00 3	179.00 5	187.00 4	208.00 3
1952	150.00 14	158.00 17	168.00 17	176.00 13	193.00 13	197.00 9	200.00 9	214.00 11	235.00 8
1953	130.00 7	140.00 8	151.00 6	159.00 5	181.00 8	190.00 8	197.00 6	206.00 6	237.00 9
1954	150.00 15	153.00 13	157.00 8	165.00 7	168.00 5	176.00 5	177.00 4	190.00 5	213.00 5
1955	130.00 8	142.00 11	164.00 14	172.00 9	177.00 7	186.00 6	197.00 7	210.00 10	288.00 27
1956	160.00 24	166.00 20	177.00 22	186.00 18	194.00 14	198.00 10	203.00 12	207.00 7	221.00 6
1957	134.00 10	138.00 6	139.00 4	141.00 2	144.00 2	159.00 2	164.00 2	163.00 2	175.00 1
1958	285.00 41	292.00 41	301.00 40	322.00 41	333.00 40	372.00 41	406.00 41	435.00 40	474.00 38
1959	150.00 16	160.00 18	167.00 15	175.00 12	183.00 9	198.00 11	201.00 10	207.00 8	239.00 10
1960	150.00 17	157.00 16	160.00 12	172.00 10	196.00 17	207.00 16	218.00 20	249.00 29	285.00 25
1961	166.00 26	167.00 21	172.00 19	178.00 14	188.00 11	200.00 14	211.00 15	223.00 16	252.00 17
1962	150.00 18	183.00 26	206.00 32	209.00 30	214.00 29	232.00 31	263.00 33	277.00 33	347.00 31
1963	120.00 4	127.00 2	151.00 7	184.00 17	204.00 23	227.00 28	246.00 30	257.00 30	295.00 29
1964	118.00 2	130.00 4	134.00 2	136.00 1	142.00 1	150.00 1	157.00 1	161.00 1	187.00 2
1965	180.00 28	190.00 31	203.00 29	205.00 29	210.00 27	227.00 29	234.00 28	232.00 21	249.00 14
1966	230.00 37	250.00 39	273.00 39	280.00 39	283.00 39	315.00 39	334.00 38	359.00 38	480.00 39
1967	140.00 12	154.00 15	158.00 9	166.00 8	195.00 15	215.00 23	227.00 25	237.00 23	247.00 12
1968	152.00 20	168.00 23	181.00 23	188.00 20	192.00 12	199.00 13	202.00 11	209.00 9	240.00 11
1969	190.00 34	197.00 33	210.00 35	217.00 33	219.00 30	226.00 27	226.00 23	230.00 18	249.00 13
1970	190.00 35	197.00 34	207.00 33	235.00 36	259.00 35	260.00 35	267.00 34	287.00 34	405.00 37
1971	235.00 39	248.00 38	266.00 38	270.00 38	274.00 37	295.00 37	298.00 37	310.00 36	383.00 35
1972	231.00 38	239.00 37	255.00 37	258.00 37	266.00 36	274.00 36	289.00 36	311.00 37	348.00 32
1973	208.00 36	210.00 36	212.00 36	230.00 35	276.00 38	314.00 38	353.00 39	436.00 41	584.00 40
1974	165.00 25	187.00 27	195.00 28	204.00 28	208.00 24	223.00 26	233.00 27	239.00 24	272.00 22
1975	124.00 5	127.00 3	131.00 1	142.00 3	167.00 4	198.00 12	211.00 16	226.00 17	229.00 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)											
460	333	256	235	246	388	1076	2522	2958	1258	597	493
152700	26880	6146	2918	3484	22330	265200	1136000	2380000	822200	84390	102300
391	164	78.4	54.0	59.0	149	515	1066	1543	907	290	320
3.91	2.77	2.00	1.44	1.51	0.84	0.33	1.16	0.68	1.36	1.60	2.60
0.85	0.49	0.31	0.23	0.24	0.39	0.48	0.42	0.52	0.72	0.49	0.85
4.25	3.07	2.36	2.17	2.27	3.58	9.95	23.3	27.3	11.6	5.52	4.55

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	2.49	2.39	2.36	2.38	2.56	2.98	3.37	3.41	3.00	2.73	2.63
0.05	0.03	0.01	0.01	0.01	0.03	0.05	0.03	0.05	0.08	0.04	0.05
0.23	0.16	0.11	0.09	0.09	0.17	0.23	0.17	0.23	0.28	0.19	0.23
1.48	1.24	1.22	1.01	0.77	-0.03	-0.37	0.27	0.12	0.42	0.23	0.60
0.09	0.07	0.05	0.04	0.04	0.06	0.08	0.05	0.07	0.09	0.07	0.09
7.87	7.56	7.27	7.18	7.23	7.78	9.05	10.2	10.4	9.14	8.31	7.99

SAN JUAN RIVER BASIN

09J365500 LA PLATA RIVER AT HESPERUS, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LA PLATA RIVER AT HESPERUS, 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																																					
1971										1	3	6	11	55	101	38	25	18	13	10	9	17	35	13	8	2												
1972											20	79	34	32	45	32	29	15	16	12	31	18	3															
1973													1	48	56	39	22	39	24	15	14	9	9	5	11	4	7	11	12	24	8	7						
1974								1	3	121	55	23	6	25	14	13	33	13	7	9	7	11	11	4	8	1												
1975								1	3	35	47	43	9	64	26	11	7	9	4	4	6	6	2	7	9	6	19	16	11	8	5	7						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	21184	100.0	12	9.2	1087	13309	62.8	24	100	735	2780	13.1
1	1.00	1	21184	100.0	13	11.0	1799	14222	57.7	25	130	304	2046	9.6
2	1.20	0	21183	100.0	14	14.0	1511	10423	49.2	26	150	489	1741	8.2
3	1.50	0	21183	100.0	15	17.0	1229	8912	42.1	27	190	345	1252	5.9
4	1.80	50	21183	100.0	16	21.0	727	7683	36.3	28	230	313	907	4.2
5	2.20	37	21133	99.8	17	25.0	779	6956	32.8	29	280	300	594	2.8
6	2.70	123	21096	99.6	18	31.0	639	6177	29.2	30	350	152	294	1.3
7	3.40	637	20973	99.0	19	38.0	555	5538	26.1	31	420	100	142	.6
8	4.10	803	20336	96.0	20	46.0	526	4983	23.5	32	520	24	42	.1
9	5.00	2132	19533	92.2	21	56.0	612	4457	21.0	33	630	16	18	
10	6.10	1738	17401	82.1	22	69.0	577	3845	18.2	34	770	2	2	
11	7.50	2354	15663	73.9	23	84.0	488	3268	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
LA PLATA RIVER AT HESPERUS, CO.

YEAR	1	3	7	15	30	60	90	120	183
1918	194.0 44	194.0 43	181.0 42	157.0 43	132.0 42	105.0 41	80.0 43	65.0 45	48.0 44
1919	523.0 12	463.0 13	384.0 16	292.0 20	251.0 20	210.0 19	165.0 20	141.0 17	100.0 18
1920	346.0 28	346.0 25	346.0 22	346.0 14	346.0 8	342.0 2	257.0 3	209.0 2	144.0 3
1921	417.0 21	397.0 20	391.0 15	326.0 16	291.0 14	231.0 13	182.0 15	149.0 15	113.0 11
1922	390.0 23	359.0 22	304.0 25	290.0 21	272.0 17	230.0 14	179.0 16	139.0 19	95.0 20
1923	644.0 7	624.0 6	547.0 4	496.0 2	395.0 3	282.0 6	220.0 7	177.0 7	129.0 6
1924	547.0 10	524.0 8	468.0 7	406.0 7	348.0 7	278.0 8	211.0 9	162.0 10	110.0 12
1925	262.0 41	226.0 41	166.0 44	147.0 44	140.0 40	111.0 37	97.0 35	77.0 36	67.0 32
1926	414.0 22	353.0 23	306.0 24	276.0 25	239.0 23	204.0 21	165.0 21	134.0 21	94.0 21
1927	934.0 1	628.0 5	399.0 14	322.0 17	301.0 12	218.0 17	196.0 12	159.0 11	127.0 7
1928	307.0 34	301.0 31	264.0 33	208.0 33	172.0 34	136.0 33	108.0 33	89.0 33	63.0 35
1929	312.0 33	298.0 32	268.0 30	255.0 28	220.0 28	173.0 29	140.0 27	118.0 27	97.0 19
1930	185.0 46	165.0 46	156.0 46	134.0 45	119.0 45	109.0 40	94.0 37	75.0 37	60.0 36
1931	137.0 54	128.0 54	119.0 53	103.0 53	94.0 51	70.0 54	56.0 54	48.0 54	37.0 54
1932	466.0 16	444.0 14	379.0 17	327.0 15	252.0 19	203.0 22	172.0 18	141.0 18	104.0 16
1933	297.0 37	290.0 34	258.0 34	198.0 35	160.0 36	111.0 38	86.0 40	73.0 40	53.0 41
1934	113.0 57	105.0 57	94.0 57	81.0 56	78.0 56	59.0 56	47.0 57	38.0 58	28.0 58
1935	423.0 20	411.0 18	402.0 12	367.0 10	294.0 13	214.0 18	179.0 17	146.0 16	102.0 17
1936	315.0 32	269.0 37	252.0 37	241.0 29	223.0 27	179.0 26	147.0 29	109.0 29	82.0 29
1937	441.0 17	419.0 16	401.0 13	350.0 13	278.0 15	223.0 16	170.0 19	138.0 20	94.0 22
1938	554.0 9	475.0 12	431.0 10	357.0 11	273.0 16	241.0 12	191.0 14	150.0 14	106.0 14
1939	174.0 47	164.0 47	149.0 47	126.0 46	106.0 47	81.0 48	67.0 48	54.0 51	39.0 52
1940	196.0 43	187.0 44	167.0 43	158.0 42	129.0 43	109.0 39	84.0 42	68.0 43	48.0 45
1941	774.0 2	648.0 2	564.0 3	486.0 3	396.0 2	380.0 1	296.0 1	232.0 1	168.0 1
1942	380.0 26	346.0 26	329.0 23	278.0 24	228.0 24	181.0 23	149.0 24	120.0 25	84.0 27
1943	425.0 19	408.0 19	376.0 18	314.0 18	226.0 26	180.0 24	149.0 25	118.0 26	83.0 28
1944	661.0 6	566.0 7	417.0 11	374.0 9	341.0 9	259.0 11	194.0 13	156.0 13	106.0 15
1945	362.0 27	340.0 27	286.0 27	263.0 26	227.0 25	168.0 30	131.0 30	105.0 30	72.0 30
1946	140.0 52	137.0 52	127.0 50	106.0 51	85.0 54	78.0 52	61.0 52	49.0 53	37.0 53
1947	340.0 29	268.0 38	253.0 35	192.0 36	168.0 35	125.0 35	97.0 36	80.0 35	64.0 34
1948	387.0 25	368.0 21	361.0 20	288.0 22	249.0 21	209.0 20	160.0 23	127.0 23	87.0 25
1949	743.0 4	642.0 4	579.0 2	481.0 4	358.0 6	264.0 9	223.0 6	181.0 6	123.0 8
1950	205.0 42	200.0 42	183.0 41	159.0 41	118.0 46	103.0 42	85.0 41	69.0 42	48.0 46
1951	388.0 24	349.0 24	268.0 31	179.0 40	132.0 41	97.0 46	75.0 46	61.0 47	44.0 50
1952	746.0 3	644.0 3	544.0 5	453.0 5	373.0 4	333.0 3	264.0 2	207.0 3	141.0 4
1953	267.0 40	234.0 40	223.0 39	190.0 38	153.0 38	119.0 36	92.0 38	74.0 39	54.0 40
1954	152.0 51	148.0 51	127.0 51	115.0 50	100.0 49	81.0 49	63.0 51	56.0 49	43.0 51
1955	163.0 49	149.0 50	127.0 52	119.0 49	100.0 50	87.0 47	67.0 49	58.0 48	46.0 47
1956	186.0 45	182.0 45	162.0 45	126.0 47	120.0 44	98.0 45	89.0 39	71.0 41	50.0 42
1957	698.0 5	656.0 1	625.0 1	513.0 1	415.0 1	288.0 5	236.0 5	200.0 4	144.0 2
1958	525.0 11	491.0 10	473.0 6	424.0 6	360.0 5	280.0 7	203.0 10	157.0 12	110.0 13
1959	130.0 56	118.0 56	98.0 56	80.0 57	78.0 57	59.0 57	49.0 56	39.0 57	29.0 57
1960	332.0 30	308.0 29	268.0 32	222.0 31	205.0 30	179.0 27	162.0 22	129.0 22	88.0 23
1961	280.0 38	272.0 36	252.0 36	206.0 34	186.0 32	149.0 31	116.0 32	92.0 32	66.0 33
1962	270.0 39	262.0 39	238.0 38	192.0 37	189.0 31	130.0 34	106.0 34	86.0 34	60.0 37
1963	169.0 48	156.0 48	128.0 49	102.0 54	85.0 55	80.0 50	66.0 50	54.0 50	45.0 48
1964	305.0 35	283.0 35	272.0 28	237.0 30	159.0 37	103.0 43	77.0 45	75.0 38	55.0 39
1965	478.0 15	443.0 15	368.0 21	279.0 23	256.0 18	225.0 15	202.0 11	168.0 9	122.0 9
1966	300.0 36	291.0 33	270.0 29	209.0 32	175.0 33	141.0 32	117.0 31	95.0 31	67.0 31
1967	162.0 50	154.0 49	142.0 48	122.0 48	101.0 48	72.0 53	59.0 53	52.0 52	45.0 49
1968	434.0 18	411.0 17	372.0 19	306.0 19	249.0 22	180.0 25	148.0 28	112.0 28	84.0 26
1969	315.0 31	306.0 30	289.0 26	263.0 27	210.0 29	177.0 28	144.0 26	122.0 24	88.0 24
1970	586.0 8	321.0 28	212.0 40	187.0 39	145.0 39	101.0 44	79.0 44	65.0 44	59.0 38

09365500 LA PLATA RIVER AT HESPERUS, COLO.--Continued

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 3D--CONTINUED
DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
LA PLATA RIVER AT HESPERUS, CO.

YEAR	1	3	7	15	30	60	90	120	183
1971	139.0 53	123.0 55	100.0 55	95.0 55	89.0 52	78.0 51	72.0 47	62.0 46	48.0 43
1972	69.0 58	66.0 58	60.0 58	56.0 58	52.0 58	46.0 58	44.0 58	40.0 56	30.0 56
1973	510.0 13	492.0 9	446.0 9	357.0 12	339.0 10	301.0 4	239.0 4	189.0 5	131.0 5
1974	136.0 55	129.0 53	116.0 54	104.0 52	86.0 53	64.0 55	51.0 55	43.0 55	32.0 55
1975	505.0 14	485.0 11	449.0 8	397.0 8	304.0 11	261.0 10	218.0 8	174.0 8	119.0 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
LA PLATA RIVER AT HESPERUS, CO.

YEAR	1	3	7	14	30	60	90	120	183
1919	5.80 42	5.90 42	5.90 41	6.10 42	6.70 41	7.40 42	7.90 40	8.20 40	8.30 33
1920	5.00 39	5.20 38	6.30 44	6.60 44	7.70 47	9.80 50	11.00 50	11.00 47	12.00 42
1921	6.00 43	6.00 43	6.00 42	6.00 39	6.10 37	6.60 36	7.00 32	7.50 35	7.80 29
1922	3.10 9	3.70 14	3.90 13	3.90 10	4.00 7	4.50 12	4.90 14	5.20 13	6.20 13
1923	4.00 21	4.00 16	4.00 14	4.00 11	4.00 8	4.00 5	4.30 5	4.50 5	5.40 4
1924	9.00 55	9.00 54	9.00 51	9.00 50	9.00 50	9.30 49	9.80 47	11.00 48	13.00 48
1925	4.20 29	4.20 22	4.20 18	4.30 16	4.40 14	4.80 16	4.80 12	4.90 10	5.50 5
1926	12.00 57	13.00 57	13.00 57	13.00 57	13.00 57	14.00 56	15.00 55	16.00 55	17.00 55
1927	9.00 56	9.30 56	9.90 55	11.00 55	12.00 55	15.00 57	15.00 57	16.00 56	16.00 52
1928	7.00 48	7.00 48	7.00 47	7.00 47	7.00 42	7.80 45	8.90 45	12.00 49	17.00 53
1929	4.00 22	4.50 30	4.80 30	5.10 33	5.70 34	6.50 34	7.20 35	7.50 36	7.70 26
1930	4.50 34	4.50 31	4.50 26	4.50 22	4.50 15	4.70 15	4.80 13	5.20 14	9.10 37
1931	4.00 23	4.00 17	4.00 15	4.00 12	4.00 9	4.00 6	4.30 6	4.80 8	5.30 3
1932	6.00 44	6.00 44	6.00 43	6.00 40	6.50 40	7.20 39	7.80 39	8.20 41	12.00 43
1933	4.70 37	4.70 34	4.70 27	4.70 25	4.70 19	5.00 19	5.70 24	6.30 27	7.80 27
1934	5.00 38	5.00 37	5.00 35	5.00 31	5.00 24	5.00 20	5.00 15	6.20 25	10.00 41
1935	4.00 24	4.00 18	4.00 16	4.10 13	4.20 12	4.60 13	5.20 18	5.70 18	6.90 19
1936	4.40 33	4.40 29	4.40 22	4.40 19	4.40 13	4.40 11	4.70 9	5.10 12	7.10 20
1937	5.60 41	5.60 41	5.80 39	6.50 43	7.40 46	7.70 43	8.00 41	8.20 42	9.30 38
1938	1.90 3	2.00 3	2.00 1	2.00 1	2.10 1	2.70 1	2.90 1	3.20 1	4.40 2
1939	1.00 1	1.70 1	2.40 4	3.60 7	4.80 23	5.80 27	5.60 22	6.10 22	8.30 34
1940	3.60 15	3.60 12	3.60 10	3.70 8	4.00 10	4.20 7	4.40 7	4.60 6	5.50 6
1941	4.20 30	4.20 23	4.40 23	5.20 34	6.00 36	6.80 37	7.00 33	7.20 28	13.00 44
1942	8.50 51	9.00 55	10.00 56	11.00 56	12.00 56	13.00 55	14.00 55	16.00 57	45.00 57
1943	4.30 31	4.30 28	4.30 19	4.30 17	4.70 20	4.90 17	5.30 19	5.90 19	6.70 17
1944	3.30 12	3.30 8	3.50 8	4.60 23	5.20 27	7.30 40	7.70 38	7.90 38	8.20 31
1945	4.40 32	4.60 32	5.00 36	5.40 35	5.80 35	6.00 31	6.30 28	7.30 33	7.50 23
1946	4.00 25	4.20 24	4.40 24	4.70 24	4.80 21	4.90 18	5.00 16	5.40 16	6.00 10
1947	4.60 35	5.50 40	5.90 40	6.00 41	7.00 43	7.20 38	7.40 36	7.50 34	8.90 35
1948	6.30 46	6.40 46	6.50 45	6.80 45	7.00 44	8.40 46	9.90 48	10.00 45	14.00 49
1949	3.50 13	3.70 13	4.30 20	4.50 20	5.10 25	5.50 24	6.00 25	6.20 26	6.30 14
1950	3.00 6	4.00 19	4.80 31	5.10 32	5.60 32	6.20 32	6.60 30	7.20 29	8.80 35
1951	3.20 10	3.40 9	3.60 9	3.90 9	4.10 11	4.40 8	4.60 8	4.90 9	5.80 8
1952	4.00 26	4.30 25	4.90 34	5.40 36	5.60 33	5.90 28	6.10 27	6.10 23	6.50 16
1953	4.00 27	4.80 35	5.80 37	5.80 37	6.20 38	6.50 35	7.20 34	7.20 30	7.70 24
1954	3.70 16	3.90 15	4.10 17	4.30 18	4.60 17	6.20 33	8.00 42	8.20 39	8.20 32
1955	4.00 17	4.30 26	4.70 28	4.90 26	5.50 30	6.00 29	6.00 26	6.20 24	9.70 39
1956	3.00 7	3.00 6	3.10 6	3.10 5	3.50 4	4.40 9	4.80 10	5.00 11	6.00 9
1957	1.90 2	1.90 2	2.20 3	2.40 2	2.60 2	3.30 2	3.50 2	3.50 2	3.80 1
1958	8.80 54	8.80 53	9.10 53	9.60 52	9.80 51	10.00 51	11.00 51	12.00 50	13.00 45
1959	4.70 36	4.70 33	4.80 32	4.90 27	5.10 26	5.20 21	5.50 20	6.00 21	7.20 21
1960	5.40 40	5.40 39	5.50 38	6.00 38	6.40 39	7.30 41	8.10 43	9.10 43	9.70 40
1961	4.20 28	4.20 20	4.40 21	4.50 21	4.80 22	5.70 26	6.60 31	7.20 31	7.70 25
1962	8.50 52	8.70 52	9.10 54	9.80 53	10.00 52	10.00 52	11.00 52	11.00 46	13.00 46
1963	3.20 11	3.50 10	3.70 11	4.10 14	4.60 18	5.60 25	7.60 37	7.80 37	7.80 28
1964	3.50 14	3.50 11	3.50 7	3.50 5	3.50 5	3.60 4	3.90 4	4.00 4	5.60 7
1965	2.00 4	2.10 4	2.10 2	2.60 3	3.40 3	3.50 3	3.60 3	3.90 3	6.20 11
1966	8.60 53	8.60 51	9.00 52	10.00 54	10.00 53	11.00 53	12.00 53	13.00 52	17.00 54
1967	2.10 5	2.30 5	2.60 5	2.80 4	3.60 6	4.40 10	4.80 11	4.80 7	6.40 15
1968	3.10 8	3.30 7	3.70 12	4.20 15	4.50 16	4.70 14	5.00 17	5.30 15	7.30 22
1969	4.00 18	4.20 21	4.50 25	5.00 28	5.50 31	5.50 22	5.70 23	5.90 20	6.20 12
1970	7.00 49	7.50 49	7.70 49	8.10 48	8.40 48	8.70 47	8.90 44	10.00 44	15.00 50
1971	6.00 45	6.30 45	7.50 48	9.00 51	11.00 54	12.00 54	13.00 54	13.00 53	15.00 51
1972	8.00 50	8.30 50	8.50 50	8.60 49	8.90 49	9.10 48	9.90 49	12.00 51	13.00 47
1973	6.50 47	6.50 47	6.70 46	7.00 46	7.20 45	7.80 44	9.50 46	14.00 54	24.00 56
1974	4.00 19	4.80 36	4.90 33	5.00 29	5.30 28	5.50 23	5.50 21	5.60 17	6.80 18
1975	4.00 20	4.30 27	4.70 29	5.00 30	5.40 29	6.00 30	6.40 29	7.30 32	7.90 30

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
15.6	10.4	8.29	7.14	7.50	14.2	84.1	175	129	38.9	24.5	20.4
463	64.7	16.4	9.32	8.10	70.8	2041	6719	10080	1022	304	461
21.5	8.04	4.05	3.05	2.85	8.42	45.2	82.0	100	32.0	17.4	21.5
4.94	3.30	1.10	1.08	1.36	1.37	0.73	0.61	1.21	1.94	1.44	2.92
1.38	0.77	0.49	0.43	0.38	0.59	0.54	0.47	0.78	0.82	0.71	1.05
2.92	1.95	1.55	1.33	1.40	2.65	15.7	32.6	24.2	7.28	4.58	3.81

SAN JUAN RIVER BASIN

09365500 LA PLATA RIVER AT HESPERUS, 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)											
1.05	0.94	0.87	0.82	0.85	1.09	1.86	2.19	1.99	1.48	1.30	1.17
0.09	0.06	0.04	0.03	0.02	0.05	0.06	0.05	0.11	0.09	0.08	0.11
0.30	0.25	0.20	0.18	0.15	0.23	0.24	0.22	0.33	0.30	0.28	0.33
1.32	0.68	0.22	0.26	0.30	0.46	-0.16	-0.31	0.11	0.49	0.37	0.70
0.29	0.27	0.23	0.21	0.18	0.21	0.13	0.10	0.16	0.21	0.21	0.28
6.72	6.01	5.59	5.24	5.44	6.97	11.9	14.1	12.8	9.49	8.32	7.47

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
44.7	334	18.3	0.44	0.41	-0.046

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.61	0.03	0.19	-0.16	0.12	-0.061

09366000 CHERRY CREEK NEAR RED MESA, COLO.

LOCATION.--Lat 37°07'08", long 108°11'53", in NW¼SW¼ sec.7, T.33 N., R.12 W., La Plata County, 1,300 ft (400 m) upstream from mouth and 2.3 mi (3.7 km) northwest of Red Mesa.

DRAINAGE AREA.--66 mi² (171 km²).

REMARKS.--Diversion for irrigation above station. Water is also imported from La Plata River for irrigation above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHERRY CREEK NEAR RED MESA, CO.

CLASS YEAR	NUMBER OF DAYS IN CLASS																																					
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34			
1930								114			1	102	19	24	8	31	16	6	3	3	1	13	10	12	1	1												
1931	112							177				18	18	8	3	16	9			2	2																	
1932								67				100	23	28	7	34	10	2	9	9	14	7	6	15	14	8	13											
1933	23							161				65	20	8	21	15	14	7	11	9	6	3	1		1													
1934	125	3	14	20	8	1	1	22	67	7	29	11	31	10	12	3							1															
1935	123							51				60	19	10	6	18	3	1			2	2	5	17	29	19												
1936	52	3		6	4	5	10	65	53	8	58	6	7	5	6	5	7	7	11	11	4	6	7	6	3	10	1											
1937			2		6	2	8	14	13	7	15	81	18	13	39	63	7	10	8	9	2	2	2	11	13	4	3	6	1	3	2	1						
1938	25				6	6	99	33	41	30	8	5	5	10	3	14	9	15	9	10	11	3	7	7	5	4												
1939	117	1		1	1	6	33	66	5	41	27	9	3	1	3	5	10	12	16	2	3	1	2															
1940	160	2			13	1	63	32	2	3	13	6	4	4	2	12	9	11	4	11	10	3			1													
1941	12	59	8	6	6	8	6	35	6	12	7	18	9	10	20	15	9	13	8	14	10	14	6	16	7	9	6	5	5	5	1							
1942					3	12	13	14	16		4	16	33	23	41	37	14	20	11	21	10	7	9	10	14	14	11	12										
1943				2	10	6	25	13	102	30	52	20	9	12	16	6	10	2	1	3	4	3	9	11	14	5												
1944		6	13	10	4	7	7	16	23	97	41	5	7	8	7	14	8	3	6	13	16	11	13	7	7	10	5	2										
1945	10	8	7	3	8	24	17	16	14	62	46	41	17	10	12	6	7	8	3	4	5	3	3	6	5	15	4	1										
1946	45	23	24	12	18	14	19	19	81	53		7	7	9	13	4	7	5	3	2																		
1947	40	5	12	7	6	5	11	78	31	46	21	10	12	6	6	10	13	9	9	10	10	2	1	3	2													
1948	77	5	4	4		2	4	13	54	4	40	17	43	8	7	10	14	11	3	4	5	3	13	11	7	3												
1949		26	15	6	11	1	1	6	80	43	6	19	9	13	8	7	5	8	12	12	8	4	14	18	17	15	1											
1950	72	12	10	6	2	5	1	13	43	43	24	44	10	19	15	8	5	4	2	13	8	3	2															

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	993	7670	100.0	12	2.6	402	2832	36.9	24	53	140	390	5.0
1	0.10	88	6677	87.1	13	3.4	296	2430	31.7	25	68	106	250	3.2
2	0.20	164	6589	85.9	14	4.3	205	2134	27.8	26	88	70	144	1.8
3	0.30	80	6425	83.8	15	5.5	293	1929	25.1	27	110	29	74	.9
4	0.40	80	6345	82.7	16	7.1	262	1636	21.3	28	140	27	45	.5
5	0.50	95	6265	81.7	17	9.2	123	1374	17.9	29	190	6	18	.2
6	0.60	113	6170	80.4	18	12.0	155	1251	16.3	30	240	8	12	.1
7	0.70	299	6057	79.0	19	15.0	148	1096	14.3	31	310	3	4	
8	1.00	1223	5758	75.1	20	19.0	177	948	12.4	32	400	1	1	
9	1.20	690	4535	59.1	21	25.0	106	771	10.1	33				
10	1.60	292	3845	50.1	22	32.0	124	665	8.7	34				
11	2.00	721	3553	46.3	23	41.0	151	541	7.1					

09366000 CHERRY CREEK NEAR RED MESA, 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 NEAR RED MESA, CO.

YEAR	1	3	7	15	30	60	90	120	183
1930	69.0 13	57.0 13	49.0 13	42.0 13	39.0 13	25.0 13	18.0 13	14.0 13	10.0 13
1931	22.0 20	19.0 19	14.0 19	9.3 19	6.6 20	4.5 20	4.3 19	3.5 19	2.7 19
1932	108.0 8	101.0 8	98.0 8	88.0 7	79.0 5	63.0 4	45.0 5	38.0 4	26.0 4
1933	57.0 18	36.0 16	22.0 18	14.0 18	12.0 18	10.0 18	8.3 18	8.3 17	6.0 17
1934	48.0 19	16.0 20	6.9 21	4.9 21	4.0 21	3.4 21	3.0 21	2.5 21	2.0 21
1935	63.0 16	60.0 12	57.0 12	53.0 12	48.0 12	47.0 9	38.0 8	29.0 8	20.0 8
1936	113.0 7	106.0 7	103.0 6	92.0 5	64.0 9	45.0 10	33.0 9	25.0 9	17.0 9
1937	41.0 1	377.0 1	304.0 1	226.0 1	155.0 2	99.0 2	69.0 3	54.0 3	37.0 3
1938	154.0 4	145.0 4	142.0 4	122.0 4	93.0 4	62.0 5	47.0 4	37.0 5	25.0 5
1939	58.0 17	55.0 14	40.0 15	30.0 15	25.0 14	18.0 14	13.0 14	9.8 14	6.9 14
1940	80.0 11	33.0 17	30.0 16	27.0 16	23.0 15	17.0 15	12.0 15	9.3 15	6.5 15
1941	326.0 2	271.0 2	260.0 2	220.0 2	165.0 1	113.0 1	85.0 1	67.0 1	46.0 1
1942	187.0 3	170.0 3	154.0 3	151.0 3	131.0 3	98.0 3	70.0 2	54.0 2	37.0 2
1943	70.0 12	70.0 11	69.0 11	65.0 11	53.0 11	39.0 12	27.0 12	22.0 12	15.0 12
1944	127.0 5	120.0 5	104.0 5	88.0 6	72.0 7	51.0 7	40.0 7	31.0 7	22.0 7
1945	116.0 6	108.0 6	98.0 7	87.0 8	74.0 6	47.0 8	33.0 10	25.0 10	17.0 10
1946	17.0 21	15.0 21	12.0 20	8.8 20	6.9 19	4.8 19	4.1 20	3.4 20	2.6 20
1947	65.0 15	55.0 15	43.0 14	31.0 14	23.0 16	15.0 16	12.0 16	9.2 16	6.5 16
1948	88.0 10	86.0 9	84.0 9	73.0 10	63.0 10	42.0 11	31.0 11	24.0 11	17.0 11
1949	90.0 9	85.0 10	83.0 10	76.0 9	66.0 8	55.0 6	42.0 6	35.0 6	25.0 6
1950	67.0 14	33.0 18	27.0 17	22.0 17	19.0 17	12.0 17	9.1 17	7.5 18	5.5 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 RED MESA, CO.

YEAR	1	3	7	14	30	60	90	120	183
1930	1.00 18	1.00 18	1.00 18	1.00 18	1.00 16	1.50 20	1.70 20	2.10 20	3.50 20
1931	1.00 19	1.00 19	1.00 19	1.00 19	1.00 17	1.00 16	1.00 13	1.00 12	1.00 9
1932	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.07 5	0.08 4	0.10 3	0.57 5
1933	1.00 20	1.00 20	1.00 20	1.00 20	1.00 18	1.00 17	1.00 14	1.30 15	1.60 15
1934	0.00 2	0.00 2	0.00 2	0.00 2	0.23 13	0.95 14	1.00 15	1.30 16	2.00 18
1935	0.00 3	0.00 3	0.00 3	0.00 3	0.00 2	0.00 1	0.00 1	0.00 1	0.26 2
1936	0.80 17	0.90 17	0.96 17	0.98 17	1.00 19	1.00 15	1.19 16	1.40 17	1.40 13
1937	0.00 4	0.00 4	0.00 4	0.00 4	0.09 8	0.29 9	0.56 9	1.10 13	2.20 19
1938	0.30 14	0.37 15	0.47 16	0.58 16	1.00 20	1.40 19	1.50 19	1.60 19	1.60 16
1939	0.00 5	0.00 5	0.00 5	0.00 5	0.17 10	1.10 18	1.30 18	1.50 18	1.90 17
1940	0.00 6	0.00 6	0.00 6	0.00 6	0.00 3	0.00 2	0.00 2	0.03 2	0.05 1
1941	0.00 7	0.00 7	0.00 7	0.00 7	0.00 4	0.00 3	0.10 5	0.39 6	0.49 3
1942	1.40 21	1.50 21	1.60 21	2.00 21	3.60 21	4.70 21	5.50 21	7.00 21	15.00 21
1943	0.40 16	0.40 16	0.40 14	0.47 14	0.54 14	0.75 12	0.93 12	0.95 10	1.00 10
1944	0.30 15	0.33 14	0.40 15	0.51 15	0.76 15	0.86 13	0.91 11	1.00 11	1.19 12
1945	0.10 13	0.10 13	0.13 13	0.16 13	0.22 11	0.49 11	0.64 10	0.85 9	1.10 11
1946	0.00 8	0.00 8	0.00 8	0.03 11	0.08 7	0.23 7	0.32 7	0.48 7	0.66 6
1947	0.00 9	0.00 9	0.00 9	0.00 8	0.01 6	0.23 8	0.28 6	0.34 5	0.69 7
1948	0.00 10	0.00 10	0.00 10	0.00 9	0.22 12	0.30 10	1.19 17	1.19 14	1.50 14
1949	0.00 11	0.00 11	0.00 11	0.00 10	0.00 5	0.00 4	0.04 3	0.32 4	0.57 4
1950	0.00 12	0.03 12	0.07 12	0.10 12	0.16 9	0.19 6	0.44 8	0.72 8	0.91 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)											
3.54	2.81	1.78	1.29	1.84	9.15	45.0	32.6	6.74	4.03	1.68	1.53
76.4	24.1	3.15	1.14	0.78	35.5	164.5	1306	110	23.0	3.54	4.24
8.74	4.91	1.78	1.07	0.88	5.95	40.6	36.1	10.5	4.79	1.88	2.06
4.40	3.85	2.59	2.82	1.26	1.28	1.33	2.30	3.26	1.14	1.58	2.08
2.47	1.74	1.00	0.83	0.48	0.65	0.90	1.11	1.55	1.19	1.12	1.34
3.16	2.51	1.59	1.15	1.65	8.17	40.2	29.1	6.02	3.60	1.50	1.37

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)											
0.21	0.21	0.15	0.05	0.22	0.87	1.40	1.21	0.30	0.24	0.08	-0.11
0.19	0.18	0.09	0.07	0.04	0.10	0.37	0.43	0.87	0.47	0.18	0.37
0.44	0.42	0.30	0.26	0.19	0.31	0.60	0.66	0.93	0.69	0.43	0.61
1.58	0.60	0.53	-0.15	0.30	-0.73	-1.29	-1.30	-1.10	-0.39	-0.32	-0.35
2.10	2.02	1.96	5.09	0.87	0.36	0.43	0.54	3.15	2.86	5.54	-5.41
4.36	4.32	3.13	1.05	4.62	18.0	29.0	25.1	6.14	4.98	1.61	-2.32

09366500 LA PLATA RIVER 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
LA PLATA RIVER AT COLORADO-NEW MEXICO STATE LINE

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	881	20088	100.0	12	1.3	614	18084	90.0	24	87	700	1926	9.5
1	0.01	2	19207	95.6	13	1.9	766	17470	87.0	25	120	359	1226	6.1
2	0.02	5	19205	95.6	14	2.6	1168	16704	83.2	26	170	388	867	4.3
3	0.04	4	19200	95.6	15	3.7	1763	15536	77.3	27	250	255	479	2.3
4	0.05	6	19196	95.6	16	5.3	1623	13773	68.6	28	350	157	224	1.1
5	0.08	1	19190	95.5	17	7.5	1888	12150	60.5	29	500	52	67	.3
6	0.10	58	19189	95.5	18	11.0	1946	10262	51.1	30	710	13	15	
7	0.20	75	19131	95.2	19	15.0	1899	8316	41.4	31	1000	2	2	
8	0.30	128	19056	94.9	20	21.0	1282	6417	31.9	32				
9	0.50	160	18928	94.2	21	30.0	1136	5135	25.6	33				
10	0.70	176	18768	93.4	22	43.0	1004	3999	19.9	34				
11	0.90	508	18592	92.6	23	61.0	1069	2995	14.9					

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

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
LA PLATA RIVER AT COLORADO-NEW MEXICO STATE LINE

YEAR	1	3	7	15	30	60	90	120	183
1921	408.0 21	358.0 18	318.0 16	216.0 20	163.0 21	137.0 17	119.0 16	103.0 15	74.0 15
1922	440.0 19	413.0 14	372.0 12	316.0 10	255.0 11	197.0 11	165.0 11	130.0 11	90.0 13
1923	233.0 34	219.0 29	171.0 28	126.0 30	111.0 28	84.0 28	65.0 30	56.0 30	41.0 30
1924	554.0 11	470.0 10	413.0 9	344.0 8	314.0 8	242.0 9	175.0 10	142.0 10	100.0 10
1925	155.0 42	108.0 42	82.0 49	53.0 52	34.0 54	27.0 53	24.0 53	22.0 52	20.0 50
1926	576.0 10	414.0 13	368.0 13	297.0 12	272.0 10	250.0 7	185.0 9	149.0 9	105.0 9
1927	965.0 3	547.0 8	324.0 15	227.0 19	176.0 20	137.0 18	121.0 15	109.0 13	98.0 11
1928	186.0 39	172.0 32	142.0 30	129.0 29	106.0 30	81.0 30	71.0 29	63.0 28	48.0 28
1929	475.0 13	363.0 17	254.0 23	150.0 27	111.0 29	104.0 25	95.0 23	82.0 22	72.0 17
1930	448.0 18	199.0 30	102.0 39	62.0 48	59.0 41	52.0 35	45.0 33	39.0 33	33.0 33
1931	115.0 48	101.0 49	89.0 47	69.0 45	54.0 49	37.0 49	27.0 50	24.0 50	21.0 48
1932	263.0 30	234.0 27	205.0 27	197.0 24	161.0 22	130.0 21	107.0 20	91.0 20	69.0 19
1933	194.0 36	115.0 38	100.0 40	77.0 39	62.0 38	50.0 37	43.0 34	38.0 34	30.0 36
1934	336.0 23	118.0 36	53.0 54	40.0 55	32.0 55	20.0 55	16.0 55	16.0 55	14.0 55
1935	246.0 33	223.0 28	213.0 26	192.0 25	141.0 25	100.0 26	88.0 26	78.0 26	55.0 27
1936	462.0 15	345.0 19	282.0 20	214.0 21	158.0 23	111.0 24	95.0 24	79.0 24	57.0 25
1937	700.0 7	639.0 5	559.0 4	481.0 3	387.0 4	265.0 5	198.0 5	157.0 7	112.0 7
1938	457.0 17	435.0 12	423.0 8	331.0 9	222.0 12	143.0 15	111.0 18	93.0 18	69.0 20
1939	107.0 52	90.0 51	69.0 51	62.0 49	55.0 46	48.0 40	43.0 35	36.0 35	27.0 38
1940	186.0 40	106.0 48	93.0 45	77.0 40	58.0 43	49.0 38	38.0 44	31.0 44	24.0 42
1941	1120.0 1	921.0 1	814.0 1	751.0 1	541.0 1	406.0 1	318.0 2	254.0 2	179.0 2
1942	812.0 4	562.0 7	392.0 10	363.0 7	326.0 6	242.0 8	186.0 8	152.0 8	112.0 8
1943	272.0 29	254.0 25	230.0 24	204.0 23	179.0 19	126.0 22	101.0 22	82.0 23	60.0 23
1944	466.0 14	410.0 15	311.0 17	258.0 16	207.0 14	153.0 12	123.0 13	101.0 17	72.0 18
1945	413.0 20	392.0 16	347.0 14	267.0 14	203.0 15	131.0 20	103.0 21	84.0 21	61.0 21
1946	193.0 37	112.0 39	104.0 36	70.0 44	56.0 44	43.0 48	31.0 48	27.0 47	20.0 49
1947	317.0 27	135.0 34	97.0 43	86.0 36	73.0 33	56.0 33	42.0 36	36.0 36	27.0 39
1948	324.0 26	287.0 23	278.0 22	208.0 22	147.0 24	115.0 23	94.0 25	78.0 25	55.0 26
1949	798.0 5	608.0 6	455.0 6	294.0 13	184.0 17	148.0 14	144.0 12	120.0 12	90.0 12
1950	256.0 31	120.0 35	93.0 46	77.0 41	55.0 45	51.0 36	41.0 39	35.0 39	28.0 37
1951	112.0 50	108.0 43	102.0 37	84.0 37	54.0 47	48.0 41	35.0 45	27.0 48	19.0 51
1952	630.0 9	542.0 9	448.0 7	406.0 6	358.0 5	282.0 4	229.0 3	179.0 3	121.0 4
1953	151.0 43	107.0 46	100.0 41	66.0 46	61.0 39	48.0 42	42.0 37	34.0 40	26.0 40
1954	112.0 51	106.0 47	95.0 44	65.0 47	54.0 48	34.0 50	25.0 51	21.0 53	15.0 54
1955	281.0 28	108.0 44	105.0 34	94.0 33	63.0 36	48.0 43	34.0 46	30.0 45	23.0 44
1956	113.0 49	107.0 45	104.0 35	72.0 43	62.0 37	46.0 46	40.0 40	32.0 43	22.0 45
1957	711.0 6	667.0 3	585.0 3	436.0 5	317.0 7	234.0 10	189.0 7	161.0 6	113.0 6
1958	683.0 8	669.0 2	611.0 2	468.0 4	389.0 3	285.0 3	215.0 4	175.0 4	124.0 3
1959	230.0 35	93.0 50	78.0 50	46.0 53	39.0 52	27.0 54	22.0 54	18.0 54	16.0 53
1960	347.0 22	307.0 22	299.0 18	234.0 18	203.0 16	140.0 16	110.0 19	91.0 19	61.0 22
1961	125.0 45	117.0 37	111.0 33	88.0 35	82.0 32	76.0 31	61.0 31	50.0 31	36.0 32
1962	255.0 32	254.0 26	214.0 25	161.0 26	112.0 27	84.0 29	72.0 28	60.0 29	45.0 29
1963	121.0 46	109.0 40	98.0 42	78.0 38	59.0 42	47.0 44	39.0 42	33.0 42	24.0 43
1964	150.0 44	109.0 41	102.0 38	91.0 34	72.0 34	49.0 39	38.0 43	34.0 41	26.0 41
1965	334.0 24	326.0 21	295.0 19	263.0 15	183.0 18	133.0 19	116.0 17	102.0 16	73.0 16
1966	186.0 38	183.0 31	162.0 29	142.0 28	116.0 26	92.0 27	85.0 27	71.0 27	57.0 24
1967	94.0 53	89.0 52	82.0 48	74.0 42	61.0 40	43.0 47	34.0 47	28.0 46	22.0 46
1968	165.0 41	162.0 33	139.0 31	110.0 31	90.0 31	71.0 32	58.0 32	49.0 32	39.0 31
1969	330.0 25	328.0 20	279.0 21	255.0 17	218.0 13	150.0 13	122.0 14	105.0 14	76.0 14
1970	512.0 12	260.0 24	139.0 32	98.0 32	69.0 35	52.0 34	40.0 41	36.0 37	32.0 34
1971	117.0 47	70.0 53	62.0 53	59.0 50	53.0 50	46.0 45	41.0 38	35.0 38	30.0 35
1972	59.0 55	54.0 55	45.0 55	41.0 54	38.0 53	32.0 52	27.0 49	25.0 49	21.0 47
1973	1000.0 2	640.0 4	532.0 5	501.0 2	473.0 2	391.0 2	324.0 1	260.0 1	181.0 1
1974	82.0 54	69.0 54	63.0 52	55.0 51	48.0 51	33.0 51	25.0 52	23.0 51	19.0 52
1975	458.0 16	436.0 11	389.0 11	303.0 11	284.0 9	252.0 6	197.0 6	163.0 5	117.0 5

09366500 LA PLATA RIVER AT COLORADO-NEW MEXICO 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
LA PLATA RIVER AT COLORADO-NEW MEXICO STATE LINE

YEAR	1	3	7	14	30	60	90	120	183
1922	1.70 50	1.70 49	1.90 47	2.60 46	4.50 46	5.70 39	7.00 38	8.70 39	11.00 39
1923	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.05 1	0.33 1	2.20 4
1924	0.30 38	0.60 39	1.10 40	1.30 32	1.70 22	3.20 24	12.00 48	14.00 48	16.00 49
1925	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.40 8	1.19 7	2.30 11	4.80 18
1926	0.20 36	0.33 37	0.80 36	0.90 26	5.10 47	5.90 40	7.80 40	14.00 49	18.00 50
1927	0.60 39	0.60 38	0.69 34	0.75 22	2.70 38	5.30 38	8.10 41	10.00 42	14.00 47
1928	1.00 44	1.70 50	3.00 50	7.80 54	15.00 54	18.00 54	20.00 53	23.00 53	31.00 53
1929	0.00 3	0.00 3	0.57 33	1.19 30	1.80 23	3.60 29	3.90 24	5.00 28	9.00 35
1930	0.80 42	0.80 41	0.80 35	0.80 23	0.80 12	7.60 46	12.00 49	14.00 50	18.00 51
1931	0.00 4	0.00 4	0.14 22	1.60 39	7.40 50	9.40 49	10.00 46	12.00 45	13.00 43
1932	1.00 45	1.00 44	1.00 37	1.10 27	2.10 29	4.40 33	5.30 33	6.00 31	7.20 28
1933	6.00 54	6.00 54	6.30 54	6.70 52	11.00 53	12.00 51	12.00 50	12.00 46	13.00 44
1934	0.00 5	0.00 5	0.00 3	0.00 3	0.00 7	3.00 23	6.00 34	7.70 36	11.00 40
1935	0.00 6	0.00 6	0.00 4	0.00 4	0.00 2	0.12 3	1.60 9	2.70 9	4.40 16
1936	0.00 7	0.00 7	0.00 5	0.36 16	2.60 36	6.40 43	8.30 43	9.10 40	8.80 34
1937	0.00 8	0.00 8	0.00 6	1.50 35	1.80 24	8.40 48	13.00 51	14.00 51	14.00 45
1938	0.00 9	0.10 30	0.53 31	1.10 28	2.40 33	4.40 34	4.80 30	5.20 29	8.20 32
1939	0.20 37	0.20 31	0.20 23	1.60 36	2.80 39	5.10 36	6.70 36	6.70 34	7.80 30
1940	0.00 10	0.00 9	0.00 7	0.00 5	0.05 5	0.34 4	1.10 5	1.60 3	1.60 2
1941	0.00 11	0.00 10	0.00 8	0.24 12	1.80 25	3.70 30	4.80 31	6.30 33	6.60 24
1942	2.40 51	3.20 52	3.80 52	4.90 51	8.80 51	12.00 52	33.00 54	39.00 54	85.00 54
1943	0.10 32	0.27 34	0.36 27	0.84 24	1.90 27	2.60 17	3.40 19	3.90 21	7.00 27
1944	0.00 12	0.00 11	0.00 9	1.70 40	2.60 37	3.30 25	3.70 21	4.40 25	6.60 25
1945	0.10 33	0.27 35	0.39 28	1.60 37	2.80 40	3.30 26	4.40 27	5.80 30	8.20 33
1946	0.00 13	0.00 12	0.49 29	0.59 20	1.10 16	2.70 20	4.50 28	4.70 26	5.10 19
1947	0.00 14	0.00 13	0.00 10	0.00 6	0.01 4	3.40 28	4.50 29	4.70 27	6.10 22
1948	0.00 15	0.00 14	0.00 11	0.32 15	2.10 30	6.20 41	6.60 35	7.60 35	7.80 31
1949	0.00 16	0.00 15	0.00 12	0.30 14	3.10 42	4.00 32	4.00 25	4.30 22	5.10 20
1950	1.19 46	1.30 45	2.20 48	4.10 48	4.30 45	4.90 35	5.20 32	6.20 32	7.00 26
1951	0.00 17	0.00 16	0.00 13	0.19 10	1.40 19	3.30 27	4.00 26	3.80 19	4.00 13
1952	0.00 18	0.00 17	0.00 14	0.04 8	0.87 13	1.30 8	1.50 6	1.90 6	2.40 5
1953	0.90 43	0.97 43	1.40 44	2.00 41	3.50 43	3.80 31	3.80 23	4.30 23	7.30 29
1954	0.10 34	0.23 32	0.27 24	0.47 19	0.79 11	1.80 12	2.20 10	2.80 10	3.80 10
1955	0.00 19	0.00 18	0.00 15	0.62 21	1.10 17	1.70 11	2.40 12	2.60 8	2.70 7
1956	0.00 20	0.00 19	0.00 16	0.24 13	1.00 14	1.40 10	1.60 7	1.70 4	2.10 3
1957	0.00 21	0.00 20	0.00 17	0.00 7	0.00 3	0.00 2	0.18 2	0.41 2	0.80 1
1958	0.00 22	0.00 21	0.00 18	0.22 11	1.40 20	8.30 47	11.00 47	12.00 47	16.00 48
1959	0.00 23	0.00 22	0.27 25	1.30 31	2.00 28	2.60 18	3.30 18	3.60 17	5.30 21
1960	0.00 24	0.00 23	0.00 19	0.39 17	0.57 10	2.00 13	2.70 15	2.90 11	3.70 9
1961	0.00 25	0.00 24	0.11 21	0.41 18	0.50 9	0.74 6	0.94 4	1.70 5	2.60 6
1962	0.00 26	0.00 25	1.00 38	2.20 44	2.30 32	7.50 45	8.20 42	9.10 41	9.10 36
1963	0.70 40	0.90 42	1.10 39	1.19 29	1.30 18	2.10 14	2.40 13	3.30 15	3.10 8
1964	0.20 35	0.27 33	0.33 26	1.60 38	2.50 34	3.00 21	3.70 22	3.80 20	3.90 11
1965	0.00 27	0.00 26	1.30 41	1.40 33	1.50 21	2.10 15	2.80 16	3.10 13	4.30 15
1966	3.00 53	3.30 53	4.60 53	7.20 53	11.00 52	13.00 53	14.00 52	15.00 52	20.00 52
1967	0.00 28	0.07 29	0.54 32	1.40 34	1.80 26	2.50 16	2.50 14	3.00 12	4.10 14
1968	0.00 29	0.00 27	1.30 42	2.20 45	2.60 35	3.00 22	3.20 17	3.60 18	4.80 17
1969	1.50 49	1.60 46	1.80 45	2.00 42	2.20 31	2.70 19	3.60 20	4.40 24	6.40 23
1970	0.75 41	0.75 40	1.40 43	4.30 50	5.50 48	6.60 44	10.00 44	11.00 43	12.00 41
1971	1.40 47	1.60 47	3.10 51	4.10 49	5.70 49	9.60 50	10.00 45	11.00 44	14.00 46
1972	1.40 48	1.60 48	1.80 46	2.10 43	3.00 41	6.30 42	7.10 39	8.30 38	9.80 38
1973	0.00 30	0.02 28	0.04 20	0.05 9	0.11 6	0.45 5	0.71 3	3.30 16	13.00 42
1974	2.90 52	2.90 51	3.00 49	3.10 47	3.70 44	5.30 37	6.80 37	8.20 37	9.30 37
1975	0.10 31	0.29 36	0.50 30	0.84 25	1.00 15	1.30 9	1.60 8	2.00 7	4.00 12

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
14.7	10.9	11.2	11.2	16.3	31.2	100	106	62.9	18.8	12.7	11.6
1391	199	57.1	49.1	102	585	8352	9109	4549	438	194	429
37.3	14.1	7.56	7.01	10.1	24.2	91.4	95.4	67.4	20.9	13.9	20.7
5.82	4.82	1.17	1.44	1.95	1.07	1.05	2.31	2.24	1.68	2.05	4.00
2.53	1.29	0.67	0.63	0.62	0.78	0.91	0.90	1.07	1.11	1.10	1.78
3.61	2.68	2.75	2.73	3.99	7.64	24.6	26.0	15.4	4.60	3.12	2.85

09366500 LA PLATA RIVER AT COLORADO-NEW MEXICO STATE LINE--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)											
0.78	0.87	0.95	0.96	1.14	1.35	1.78	1.91	1.61	0.94	0.80	0.74
0.31	0.14	0.09	0.09	0.07	0.16	0.23	0.09	0.18	0.45	0.47	0.27
0.55	0.38	0.30	0.31	0.26	0.40	0.48	0.30	0.43	0.67	0.69	0.52
-0.38	0.15	-0.17	-0.90	-0.25	-0.80	-0.20	0.70	-0.38	-1.22	-1.91	0.11
0.71	0.43	0.32	0.32	0.23	0.30	0.27	0.16	0.26	0.72	0.86	0.70
5.65	6.26	6.90	6.93	8.24	9.74	12.9	13.8	11.6	6.78	5.79	5.34

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
34.0	532	23.1	1.34	0.68	0.005

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.44	0.08	0.28	0.20	0.20	-0.021

09368500 WEST MANCOS RIVER NEAR MANCOS, COLO.

LOCATION.--Lat 37°22'54", long 108°15'27", in NW¼NW¼ sec.14, T.36 N., R.13 W., Montezuma County, on right bank 1.7 mi (2.7 km) upstream from confluence with East Mancos River and 3.2 mi (5.1 km) northeast of Mancos.

DRAINAGE AREA.--39.4 mi² (102.0 km²).

REMARKS.--Diversions above station for irrigation of about 2,500 acres (10.1 km²) below since March 1949. Regulation for irrigation by Jackson Gulch Reservoir (capacity, 10,000 acre-ft or 12.3 hm³) since March 1949. Statistical summaries are shown for two periods, water years 1939-48 and water years 1950-53.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WEST MANCOS RIVER NEAR MANCOS, 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		4	77	11	9	42	28	29	17	28	11	6	4	8	6	8	7	10	11	4	16	10	11	8												
1940		1	90	24	48	22	17	11	11	11	5	18	9	12	3	9	2	6	4	7	9	6	16	18	5	2										
1941						62	72	23	8	10	18	10	13	9	16	9	10	8	7	3	7	4	6	8	11	17	10	9	3	2	5	4	1			
1942					3	9	46	13	68	7	7	19	17	10	13	5	5	10	16	15	14	10	13	13	16	16	11	4	4	1						
1943			32	60	33	22	34	10	8	14	7	14	11	6	8	5	4	5	3	5	3	19	23	10	9	5	5	8	2							
1944					12	81	30	32	23	12	8	11	4	10	6	5	8	16	6	7	4	2	2	2	11	21	14	4	3	2	1	1	1			
1945			1	11	106	36	52	14	13	11	10	6	13	4	2	3	5	5	6	6	6	12	16	6	10	11	6									
1946				3	70	37	28	21	43	21	16	23	11	10	4	7	5	18	6	5	13	14	10													
1947					2	61	100	9	19	12	35	11	13	9	5	6	8	9	10	12	16	11	2	5	9	1										
1948		3	6	11	6	94	56	22	7	10	12	15	11	13	5	4	9	14	3	6	5	5	13	21	9	6										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	3653	100.0	12	16.0	167	1465	40.1	24	130	78	351	9.6
1	2.50	5	3653	100.0	13	20.0	98	1298	35.5	25	150	73	273	7.4
2	3.00	80	3648	99.9	14	23.0	106	1200	32.8	26	180	81	200	5.4
3	3.50	139	3568	97.7	15	28.0	69	1094	29.9	27	220	54	119	3.2
4	4.20	108	3429	93.9	16	33.0	65	1025	28.1	28	260	26	65	1.7
5	5.00	225	3321	90.9	17	39.0	61	960	26.3	29	300	18	39	1.0
6	5.90	328	3096	84.8	18	46.0	103	899	24.6	30	360	6	21	.5
7	7.00	499	2768	75.8	19	55.0	64	796	21.8	31	430	3	15	.4
8	8.30	350	2269	62.1	20	65.0	84	732	20.0	32	510	6	12	.3
9	9.90	234	1919	52.5	21	77.0	79	648	17.7	33	600	5	6	.1
10	12.00	126	1685	46.1	22	92.0	102	569	15.6	34	720	1	1	
11	14.00	94	1559	42.7	23	110.0	116	467	12.8					

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WEST MANCOS RIVER NEAR MANCOS, CO.

YEAR	1	3	7	15	30	60	90	120	183
1939	120.0 10	115.0 10	107.0 10	106.0 9	96.0 9	78.0 10	63.0 10	50.0 10	36.0 10
1940	208.0 8	188.0 8	168.0 8	155.0 8	142.0 8	122.0 7	94.0 8	75.0 8	53.0 8
1941	828.0 1	730.0 1	642.0 1	522.0 1	417.0 1	333.0 1	265.0 1	208.0 1	148.0 1
1942	371.0 3	317.0 3	292.0 3	254.0 4	228.0 3	185.0 3	161.0 3	132.0 3	92.0 3
1943	365.0 4	304.0 4	292.0 4	269.0 3	203.0 4	170.0 4	145.0 4	119.0 4	83.0 4
1944	651.0 2	536.0 2	424.0 2	342.0 2	279.0 2	237.0 2	180.0 2	145.0 2	100.0 2
1945	245.0 5	238.0 5	221.0 5	212.0 5	185.0 5	151.0 5	141.0 5	96.0 5	67.0 5
1946	123.0 9	119.0 9	115.0 9	102.0 10	87.0 10	79.0 9	66.0 9	54.0 9	40.0 9
1947	233.0 6	209.0 6	198.0 6	184.0 6	147.0 7	119.0 8	97.0 7	77.0 7	58.0 7
1948	214.0 7	201.0 7	186.0 7	161.0 7	154.0 6	135.0 6	108.0 6	87.0 6	60.0 6

SAN JUAN RIVER BASIN

09368500 WEST MANCOS RIVER NEAR MANCOS, 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
WEST MANCOS RIVER NEAR MANCOS, CO.

YEAR	1	3	7	14	30	60	90	120	183
1940	2.50 1	2.60 1	2.90 1	3.20 1	3.50 1	3.60 1	3.80 1	4.00 1	5.20 1
1941	4.10 3	4.20 3	4.50 3	5.00 4	6.80 6	8.00 7	8.30 8	8.40 8	11.00 8
1942	7.00 8	7.00 8	7.30 9	7.60 9	7.80 9	8.60 9	9.30 9	10.00 9	32.00 9
1943	4.00 2	4.00 2	4.00 2	4.00 2	4.00 2	4.20 2	4.30 2	4.70 2	5.20 2
1944	7.00 9	7.00 9	7.00 7	7.00 7	7.00 7	7.00 6	7.10 6	7.20 6	8.30 6
1945	5.00 5	5.10 5	5.30 5	5.50 5	6.00 5	6.00 4	6.20 4	6.90 5	7.50 4
1946	4.90 4	4.90 4	5.00 4	5.00 3	5.00 3	5.00 3	5.30 3	5.70 3	6.60 3
1947	6.50 7	6.70 7	7.10 8	7.30 8	7.80 8	8.10 8	8.10 7	8.20 7	9.00 7
1948	6.00 6	6.00 6	6.00 6	6.00 6	6.00 4	6.10 5	6.40 5	6.40 4	8.20 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)											
21.0	10.0	6.98	5.95	6.35	10.8	70.3	176	123	39.7	16.4	14.5
1071	62.9	5.92	3.80	4.72	7.31	1278	8785	4498	1169	61.0	124
32.7	7.93	2.43	1.95	2.17	2.70	35.8	93.7	67.1	34.2	7.81	11.2
3.09	2.93	0.45	-0.38	0.10	-0.48	1.44	1.56	0.84	1.79	0.56	2.23
1.56	0.79	0.35	0.33	0.34	0.25	0.51	0.53	0.55	0.86	0.47	0.77
4.19	2.00	1.39	1.19	1.27	2.16	14.0	35.1	24.5	7.93	3.28	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)											
1.11	0.93	0.82	0.75	0.78	1.02	1.81	2.20	2.03	1.47	1.17	1.07
0.13	0.05	0.02	0.03	0.03	0.01	0.04	0.05	0.06	0.13	0.05	0.08
0.36	0.22	0.15	0.16	0.16	0.12	0.19	0.22	0.25	0.35	0.23	0.27
2.27	2.04	0.00	-0.67	-0.56	-0.73	0.99	0.04	-0.44	0.03	-0.82	0.70
0.33	0.24	0.19	0.21	0.21	0.12	0.11	0.10	0.13	0.24	0.20	0.26
7.32	6.16	5.41	4.95	5.13	6.74	11.9	14.5	13.4	9.71	7.69	7.09

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
41.9	340	18.4	1.02	0.44	0.299

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.59	0.03	0.18	0.28	0.12	0.362

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
WEST MANCOS RIVER NEAR MANCOS, 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	
1950					31	1						1	1	31	3	56	55	22	7	20	23	17	32	17	21	20	4	3								
1951	3	1			1	6	5	5	12	6	11	29	2	10	23	25	16	15	17	7	29	19	7	13	3											
1952								2	3	5	3	62	46	43	9	3	7	4	10	37	47	15	9	8	9	8	17	6	7	5	1					
1953								2	2	2	89	49	38	4	8		1	27	42	31	17	31	3	15	4											

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1461	100.0	12	2.8	204	1373	94.0	24	59	40	153	11.1
1	0.10	3	1461	100.0	13	3.6	171	1169	80.0	25	76	56	123	8.4
2	0.20	0	1458	99.8	14	4.6	89	998	68.3	26	98	20	67	4.5
3	0.30	1	1458	99.8	15	5.9	113	909	62.2	27	130	11	47	3.2
4	0.40	0	1457	99.7	16	7.7	95	796	54.5	28	160	17	36	2.4
5	0.50	31	1457	99.7	17	9.9	50	701	48.0	29	210	6	19	1.3
6	0.60	2	1426	97.6	18	13.0	31	651	44.6	30	270	7	13	.8
7	0.80	6	1424	97.5	19	16.0	66	620	42.4	31	350	5	6	.4
8	1.00	5	1418	97.1	20	21.0	92	554	37.9	32	460	1	1	
9	1.30	9	1413	96.7	21	27.0	92	462	31.6	33				
10	1.70	17	1404	96.1	22	35.0	125	370	25.3	34				
11	2.10	14	1387	94.9	23	46.0	82	245	16.8					

09368500 WEST MANCOS RIVER NEAR MANCOS, 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
WEST MANCOS RIVER NEAR MANCOS, CO.

YEAR	1	3	7	15	30	60	90	120	183
1950	136.0 2	132.0 2	116.0 2	105.0 2	94.0 2	76.0 2	65.0 2	56.0 2	42.0 2
1951	102.0 4	101.0 4	95.0 4	89.0 4	75.0 4	59.0 4	49.0 4	41.0 4	29.0 4
1952	480.0 1	437.0 1	373.0 1	314.0 1	251.0 1	197.0 1	149.0 1	122.0 1	91.0 1
1953	113.0 3	110.0 3	102.0 3	97.0 3	76.0 3	62.0 3	53.0 3	46.0 3	33.0 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
WEST MANCOS RIVER NEAR MANCOS, CO.

YEAR	1	3	7	14	30	60	90	120	183
1951	0.60 2	0.77 2	0.86 2	1.10 1	2.10 1	2.80 1	2.90 1	3.10 1	4.30 1
1952	0.10 1	0.10 1	0.50 1	1.10 2	2.60 2	3.90 3	4.10 3	4.40 3	5.70 2
1953	2.60 3	2.90 3	2.90 3	2.90 3	2.90 3	3.00 2	3.10 2	3.20 2	7.60 3

09369000 EAST MANCOS RIVER NEAR MANCOS, COLO.

LOCATION.--Lat 37°22'13", long 108°13'51", in NE¼NE¼ sec.24, T.36 N., R.13 W., Montezuma County, on right bank 800 ft (240 m) upstream from Middle Mancos River and 3.8 mi (6.1 km) northeast of Mancos.

DRAINAGE AREA.--11.9 mi² (30.8 km²).

REMARKS.--Three small diversions above station for irrigation.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
EAST MANCOS RIVER NEAR MANCOS, 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		
1939	11	4	4	8	4	72	64	17	11	19	18	29	5	2	5	7	7	14	17	16	8	4	16	3													
1940		1		10	52	45	23	53	19	26	10	6	6	8	12	15	4	12	6	10	3	13	14	12	2	4											
1941					2	1	10	47	71	21	14	9	6	12	12	33	18	12	8	6	3	2	9	6	8	7	10	16	15	6	1						
1942							5	10	28	16	4	39	41	42	9	29	11	18	9	10	14	19	16	16	10	14	5										
1943				1	1	36	55	13	47	11	14	9	34	16	5	10	8	11	7	10	6	11	7	19	11	8	4	8	3								
1944					1	1	1	16	85	65	23	38	12	8	9	8	2	9	11	10	11	2	3	6	8	10	14	11	2								
1945	2	1			4	6	5	9	60	51	32	60	10	21	12	12	7	4	3	8	11	9	9	8	13	8											
1946	1						2	4	96	31	43	24	29	24	13	9	19	13	17	8	14	11	3	4													
1947								5	13	26	99	40	28	19	22	32	19	6	2	4	15	9	5	12	7	7											
1948					2	6	8	6	5	62	81	10	17	33	5	8	10	18	13	13	3	16	9	8	7	9	8	8	1								
1949								7	59	51	34	32	14	5	8	8	11	10	9	10	8	6	13	17	12	5	5	1	2								
1950			4	1	4	2	9	14	43	43	59	42	18	31	7	3	4	9	7	20	13	9	6	6	7	4											
1951		2	1	4	35	65	54	41	19	6	24	20	10	7	8	20	4	8	5	8	4	7	7	1	1	1	1	2									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	14	4748	100.0	12	2.4	277	2365	49.8	24	37	107	408	8.5
1	0.10	2	4734	99.7	13	3.0	294	2088	44.0	25	46	88	301	6.3
2	0.20	11	4732	99.7	14	3.8	163	1794	37.8	26	58	76	213	4.4
3	0.30	10	4721	99.4	15	4.7	182	1631	34.4	27	72	69	137	2.8
4	0.40	60	4711	99.2	16	5.9	159	1449	30.5	28	91	41	68	1.4
5	0.50	168	4651	98.0	17	7.5	164	1290	27.2	29	110	18	27	.5
6	0.60	249	4483	94.4	18	9.4	127	1126	23.7	30	140	8	9	.1
7	0.80	187	4234	89.2	19	12.0	144	999	21.0	31	180	1	1	
8	1.00	320	4047	85.2	20	15.0	101	855	18.0	32				
9	1.20	487	3727	78.5	21	18.0	125	754	15.9	33				
10	1.50	488	3240	68.2	22	23.0	103	629	13.2	34				
11	1.90	387	2752	58.0	23	29.0	118	526	11.1					

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

YEAR	1	3	7	15	30	60	90	120	183
1939	41.0 13	38.0 13	35.0 13	33.0 12	28.0 11	21.0 11	17.0 11	14.0 11	9.5 12
1940	70.0 9	67.0 9	55.0 9	48.0 9	39.0 9	31.0 9	24.0 9	19.0 9	13.0 9
1941	260.0 1	202.0 1	176.0 1	144.0 1	115.0 1	104.0 1	78.0 1	61.0 1	42.0 1
1942	105.0 4	104.0 4	97.0 4	88.0 3	74.0 3	59.0 4	49.0 2	39.0 2	27.0 2
1943	100.0 5	99.0 5	90.0 5	79.0 4	59.0 6	46.0 6	37.0 5	29.0 5	20.0 5
1944	113.0 3	107.0 3	101.0 2	92.0 2	86.0 2	66.0 2	49.0 3	38.0 3	26.0 3
1945	89.0 7	84.0 7	74.0 7	72.0 6	65.0 5	47.0 5	36.0 6	29.0 6	20.0 6
1946	42.0 12	41.0 12	36.0 12	29.0 13	23.0 13	19.0 12	16.0 12	13.0 12	9.7 11
1947	68.0 10	66.0 10	64.0 8	57.0 8	48.0 8	34.0 8	25.0 8	20.0 8	15.0 8
1948	92.0 6	87.0 6	81.0 6	65.0 7	56.0 7	45.0 7	34.0 7	27.0 7	19.0 7
1949	144.0 2	127.0 2	100.0 3	75.0 5	69.0 4	59.0 3	46.0 4	37.0 4	26.0 4
1950	55.0 11	53.0 11	48.0 11	41.0 10	30.0 10	24.0 10	19.0 10	15.0 10	10.0 10
1951	78.0 8	72.0 8	52.0 10	34.0 11	27.0 12	17.0 13	12.0 13	10.0 13	7.1 13

SAN JUAN RIVER BASIN

09368500 EAST MANCOS RIVER NEAR MANCOS, COLO.--Continued

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

YEAR	1	3	7	14	30	60	90	120	183
1939	0.50 7	0.57 8	0.60 8	0.60 6	0.60 4	0.60 4	0.66 4	0.73 3	1.19 5
1940	0.00 1	0.00 1	0.00 1	0.05 1	0.39 1	0.54 2	0.62 2	0.73 4	0.93 2
1941	0.20 4	0.33 4	0.37 3	0.44 3	0.96 7	1.00 6	1.19 6	1.19 6	1.90 9
1942	0.80 10	0.83 10	0.91 9	1.30 12	2.50 13	3.40 13	3.80 13	4.50 13	8.50 13
1943	0.50 8	0.50 7	0.50 6	0.50 4	0.50 3	0.55 3	0.62 3	0.70 2	0.98 3
1944	0.30 5	0.40 5	0.49 5	0.76 8	1.00 8	1.19 8	1.30 9	1.40 7	1.50 6
1945	0.50 9	0.67 9	1.00 10	1.19 10	1.30 10	1.70 11	1.90 11	2.20 11	2.20 10
1946	0.00 2	0.07 2	0.43 4	0.69 7	0.91 6	1.19 9	1.19 7	1.40 8	1.50 7
1947	1.40 13	1.40 13	1.40 13	1.50 13	2.00 12	2.10 12	2.20 12	2.20 12	2.40 12
1948	1.00 11	1.00 11	1.19 12	1.30 11	1.40 11	1.40 10	1.50 10	1.60 10	2.30 11
1949	0.40 6	0.43 6	0.53 7	0.58 5	0.77 5	0.99 5	0.99 5	1.10 5	1.10 4
1950	1.00 12	1.00 12	1.00 11	1.00 9	1.00 9	1.10 7	1.30 8	1.40 9	1.80 8
1951	0.20 3	0.20 3	0.33 2	0.40 2	0.40 2	0.45 1	0.47 1	0.50 1	0.60 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)											
3.63	2.17	1.58	1.32	1.50	3.79	21.4	48.7	28.4	6.44	3.11	2.56
28.8	6.86	1.55	0.92	0.50	3.17	123	662	700	33.4	3.42	3.93
5.37	2.62	1.25	0.96	0.71	1.78	11.1	25.7	26.5	5.78	1.85	1.98
3.35	3.25	2.01	1.99	0.70	0.83	0.77	0.90	1.54	1.91	0.23	1.92
1.48	1.20	0.79	0.73	0.47	0.47	0.52	0.53	0.93	0.90	0.59	0.77
2.91	1.74	1.26	1.05	1.20	3.04	17.2	39.1	22.8	5.16	2.49	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)											
0.36	0.19	0.10	0.03	0.13	0.53	1.27	1.63	1.30	0.67	0.39	0.31
0.13	0.10	0.08	0.08	0.05	0.06	0.06	0.06	0.14	0.13	0.12	0.09
0.37	0.32	0.29	0.28	0.22	0.24	0.25	0.25	0.38	0.36	0.34	0.30
1.48	1.44	0.56	0.25	-0.39	-1.26	-0.67	-0.39	0.41	0.14	-0.94	0.33
1.01	1.63	2.85	9.01	1.70	0.46	0.19	0.15	0.29	0.54	0.87	0.98
5.23	2.81	1.47	0.45	1.86	7.60	18.4	23.5	18.8	9.70	5.68	4.45

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
10.4	27.9	5.28	0.91	0.51	0.270

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.97	0.05	0.22	-0.03	0.23	0.330

09369500 MIDDLE MANCOS RIVER NEAR MANCOS, COLO.

LOCATION.--Lat 37°22'26", long 108°13'48", in NE&SE¼ sec.13, T.36 N., R.13 W., Montezuma County, on left bank 1,300 ft (400 m) upstream from mouth and 4.0 mi (6.4 km) northeast of Mancos.

DRAINAGE AREA.--12.1 mi² (31.3 km²).

REMARKS.--Three small diversions above station for irrigation.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND MEAN MIDDLE MANCOS RIVER NEAR MANCOS, CO.	0	1	2	3	4	5	6	7	8	9	10	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	37	11	52	42	13	6	5	1	2		5	1	4	21	9	11	3	4	11	7	11	3															
1940	11	26	34	22	10	11	15	12	16	8	10	13	7	11	7	9	3	10	7	2	7	3	16	6													
1941		30	88	14	8	7	6	2	1	3	7	36	3	34	1	5	12	37	4	1	1																
1942	7	1	1	2	2	13	16	27	61	6	34	8	37	3	6	9	10	6	7	33	3	13	7	18	16	15	4										
1943	45	95	28	11	5	6	5	6	10	19	25	10	6	6	6	2	4	4	8	17	6	9	2	6	5	4	8	6	1								
1944	4	12	12	12	76	58	20	26	7	21	5	5	6	5	7	12	11	11	4	7	2	4	4	9	5	5	10	4	2								
1945	14	2	91	25	66	6	32	6	5	3	11	6	4	10	11	7	9	6	1	6	5	6	6	7	4	2	7	6	1								

09369500 MIDDLE MANCOS RIVER NEAR MANCOS, COLO.--Continued

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MIDDLE MANCOS RIVER NEAR MANCOS, 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			
	NUMBER OF DAYS IN CLASS																																				
1946	6	13	80	46	20	37	35	25	11	6	6	4	13	3	8	15	13	7	4	7	2	3	1														
1947			31	1	28	10	42	71	23	19	24	19	17	16	3	8	8	4	7	9	2	4	6	6	4	3											
1948			51	86	27	12	13	5	3	8	40	12	9	3	6	2	8	7	2	5	8	15	11	9	4	9	6	5									
1949			15	61	47	53	30	13	6	5	4	4	7	11	3	3	9	8	4	10	3	6	4	10	10	15	17	3	2		1		1				
1950	20	5	60	76	16	11	10	5	50	5	7	9	5	8	8	6	11	4	21	8	7	3	4	3	3												
1951	3	15	136	54	59	10	10	4	4	4	6	3	7	5	4	7	2	4	9	5	5	3	3														

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	133	4748	100.0	12	2.6	93	1379	29.0	24	43	68	260	5.4
1	0.10	473	4615	97.2	13	3.3	166	1286	27.1	25	55	85	192	4.0
2	0.20	760	4142	87.2	14	4.2	70	1120	23.6	26	69	44	107	2.2
3	0.30	378	3382	71.2	15	5.3	100	1050	22.1	27	88	28	63	1.3
4	0.40	304	3004	63.3	16	6.7	101	950	20.0	28	110	12	35	.7
5	0.50	225	2700	56.9	17	8.5	107	849	17.9	29	140	19	23	.4
6	0.60	249	2475	52.1	18	11.0	104	742	15.6	30	180	2	4	
7	0.80	180	2226	46.9	19	14.0	84	638	13.4	31	220	2	2	
8	1.00	188	2046	43.1	20	17.0	107	554	11.7	32				
9	1.30	179	1858	39.1	21	22.0	54	447	9.4	33				
10	1.60	144	1679	35.4	22	27.0	76	393	8.3	34				
11	2.10	156	1535	32.3	23	34.0	57	317	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
MIDDLE MANCOS RIVER NEAR MANCOS, CO.

YEAR	1	3	7	15	30	60	90	120	183
1939	23.0 13	21.0 13	20.0 13	19.0 12	16.0 12	11.0 11	8.5 11	6.5 11	4.4 11
1940	41.0 10	38.0 10	34.0 10	31.0 10	29.0 9	19.0 9	14.0 9	11.0 9	7.5 9
1941	223.0 2	204.0 1	181.0 1	167.0 1	140.0 1	97.0 1	70.0 1	54.0 1	37.0 1
1942	105.0 6	95.0 6	79.0 6	75.0 5	66.0 4	60.0 2	46.0 2	35.0 2	24.0 2
1943	116.0 4	101.0 5	95.0 4	88.0 4	67.0 3	43.0 5	32.0 5	25.0 5	17.0 5
1944	175.0 3	153.0 3	128.0 2	118.0 2	91.0 2	59.0 3	42.0 3	33.0 3	22.0 3
1945	115.0 5	106.0 4	94.0 5	88.0 3	65.0 5	41.0 6	29.0 6	22.0 6	15.0 6
1946	27.0 12	25.0 12	21.0 12	17.0 13	13.0 13	9.5 13	7.1 12	5.6 12	3.9 12
1947	58.0 8	56.0 8	53.0 8	44.0 8	33.0 8	21.0 8	15.0 8	12.0 8	8.4 8
1948	79.0 7	74.0 7	70.0 7	52.0 7	46.0 7	35.0 7	27.0 7	21.0 7	14.0 7
1949	257.0 1	174.0 2	114.0 3	71.0 6	55.0 6	53.0 4	41.0 4	32.0 4	21.0 4
1950	50.0 9	45.0 9	41.0 9	32.0 9	24.0 10	17.0 10	13.0 10	10.0 10	6.9 10
1951	30.0 11	30.0 11	24.0 11	19.0 11	16.0 11	9.8 12	6.8 13	5.2 13	3.6 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
MIDDLE MANCOS RIVER NEAR MANCOS, CO.

YEAR	1	3	7	14	30	60	90	120	183
1939	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.05 1	0.07 1	0.08 1	0.18 2
1940	0.00 2	0.00 2	0.04 6	0.08 6	0.10 4	0.10 3	0.10 3	0.11 3	0.14 1
1941	0.10 7	0.10 7	0.10 7	0.10 7	0.15 6	0.15 5	0.17 5	0.18 5	0.38 9
1942	1.50 13	1.50 13	1.50 13	1.50 13	1.50 13	1.50 13	1.80 13	2.40 13	7.20 13
1943	0.00 3	0.00 3	0.00 2	0.00 2	0.05 2	0.07 2	0.07 2	0.08 2	0.20 3
1944	0.00 4	0.00 4	0.00 3	0.04 4	0.20 11	0.45 11	0.48 11	0.48 11	0.51 11
1945	0.10 8	0.17 10	0.20 10	0.20 10	0.20 12	0.20 7	0.22 7	0.26 8	0.30 6
1946	0.00 5	0.00 5	0.00 4	0.05 5	0.18 8	0.20 8	0.22 8	0.24 7	0.24 5
1947	0.20 11	0.20 11	0.20 11	0.20 11	0.20 9	0.47 12	0.56 12	0.62 12	0.67 12
1948	0.10 9	0.10 8	0.10 8	0.10 8	0.10 5	0.13 4	0.15 4	0.17 4	0.48 10
1949	0.20 12	0.20 12	0.20 12	0.20 12	0.20 10	0.23 9	0.29 10	0.31 9	0.34 7
1950	0.10 10	0.10 9	0.10 9	0.14 9	0.17 7	0.24 10	0.25 9	0.31 10	0.36 8
1951	0.00 6	0.00 6	0.00 5	0.00 3	0.05 3	0.19 6	0.20 6	0.22 6	0.22 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)											
2.29	1.10	0.56	0.40	0.37	1.04	20.6	43.2	15.3	2.73	1.03	0.77
40.8	7.40	1.11	0.43	0.16	0.38	283	1341	313	7.05	0.58	1.10
6.38	2.72	1.05	0.66	0.40	0.62	16.8	36.6	17.7	2.66	0.76	1.05
3.59	3.55	3.39	3.17	2.30	0.23	1.30	1.47	1.57	1.97	0.68	2.84
2.79	2.47	1.88	1.62	1.07	0.60	0.81	0.85	1.15	0.97	0.74	1.36
2.56	1.23	0.62	0.45	0.41	1.16	23.1	48.3	17.1	3.05	1.15	0.86

SAN JUAN RIVER BASIN

09369500 MIDDLE MANCOS RIVER NEAR MANCOS, 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)											
-0.21	-0.44	-0.58	-0.67	-0.59	-0.07	1.16	1.49	0.95	0.25	-0.14	-0.32
0.28	0.28	0.22	0.21	0.13	0.10	0.20	0.15	0.22	0.21	0.19	0.15
0.53	0.53	0.47	0.46	0.36	0.31	0.45	0.39	0.47	0.46	0.43	0.39
2.45	1.76	1.16	0.88	0.88	-0.56	-1.39	-0.13	0.46	-0.65	-0.74	1.24
-2.48	-1.20	-0.02	-0.68	-0.61	-4.27	0.39	0.26	0.49	1.82	-3.04	-1.22
-26.2	-54.0	-70.6	-81.9	-72.4	-8.98	142	182	116	30.7	-17.3	-38.9

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
7.49	28.3	5.32	0.92	0.71	0.318

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.76	0.11	0.33	-0.10	0.43	0.362

09370000 MANCOS RIVER NEAR MANCOS, COLO.

LOCATION.--Lat 37°21'26", long 108°15'15", in SE¼SW¼ sec.23, T.36 N., R.13 W., Montezuma County, just downstream from confluence of West Mancos and East Mancos Rivers, 2.3 mi (3.7 km) northeast of Mancos.

DRAINAGE AREA.--71.5 mi² (185.2 km²).

REMARKS.--Diversions for irrigation above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MANCOS RIVER NEAR MANCOS, 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																																					
1932			10	7	71	11	39	5	32	7	13	15	9	9	8	10	6	3	7	3	5	7	13	17	19	9	10	8	11	2							
1933	3	37	105	14	7	9	8	6	9	9	34	14	10	10	13	13	6	3	8	5	6	9	7	2	4	3	1										
1934	79	40	34	23	16	10	13	26	12	21	18	11	7	9	3	3	2	6	5	13	14																
1935	93	15	39	7	3	6	6	7	9	8	6	6	16	17	8	9	7	10	9	8	10	9	8	11	4	10	11	13									
1936	1	4	83	31	4	5	8	16	9	11	15	4	15	12	14	5	13	12	11	7	7	6	8	9	5	13	12	2	6	14	3	1					
1937			1	68	51	11	16	11	18	12	11	8	18	4	6	7	8	11	7	8	15	9	7	4	9	10	7	6	8	7	1						
1938			11	62	7	11	39	10	12	11	23	17	9	5	6	11	9	16	3	5	3	6	2	12	11	11	5	5	4	12	12	13	2				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2557	100.0	12	13.0	76	1181	46.2	24	110	62	415	16.2
1	1.00	176	2557	100.0	13	15.0	79	1105	43.2	25	130	56	353	13.8
2	2.10	15	2381	93.1	14	18.0	61	1026	40.1	26	150	64	297	11.6
3	2.60	247	2366	92.6	15	21.0	109	965	37.7	27	180	41	233	9.1
4	3.10	30	2119	82.9	16	26.0	66	856	33.5	28	210	37	192	7.5
5	3.70	201	2081	81.4	17	30.0	66	790	30.9	29	250	51	155	6.0
6	4.40	214	1880	73.5	18	36.0	49	724	28.3	30	300	60	104	4.0
7	5.20	113	1666	65.2	19	43.0	48	675	26.4	31	360	25	44	1.7
8	6.20	101	1553	60.7	20	52.0	54	627	24.5	32	430	11	19	.7
9	7.40	69	1452	56.8	21	62.0	47	573	22.4	33	520	7	8	.3
10	8.80	118	1383	54.1	22	74.0	44	526	20.6	34	620	1	1	
11	11.00	84	1265	49.5	23	88.0	67	482	18.9					

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MANCOS RIVER NEAR MANCOS, CO.

YEAR	1	3	7	15	30	60	90	120	183									
1932	393.0	4	380.0	4	349.0	3	314.0	4	258.0	5	222.0	4	194.0	3	159.0	3	113.0	3
1933	365.0	5	340.0	5	293.0	6	234.0	6	192.0	6	146.0	6	112.0	6	91.0	6	65.0	6
1934	190.0	7	98.0	7	94.0	7	84.0	7	83.0	7	61.0	7	45.0	7	36.0	7	26.0	7
1935	353.0	6	339.0	6	330.0	5	314.0	5	287.0	4	222.0	5	180.0	4	147.0	4	104.0	4
1936	435.0	3	399.0	3	346.0	4	335.0	3	295.0	3	225.0	3	170.0	5	136.0	5	103.0	5
1937	650.0	1	608.0	1	578.0	1	543.0	1	439.0	1	332.0	1	257.0	1	210.0	1	147.0	1
1938	462.0	2	417.0	2	388.0	2	342.0	2	305.0	2	271.0	2	225.0	2	177.0	2	123.0	2

SAN JUAN RIVER BASIN

09371000 MANCOS RIVER NEAR TOWAOC, COLO.--Continued

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MANCOS RIVER NEAR TOWAOC, CO.

CLASS YEAR	NUMBER OF DAYS IN CLASS																																			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
1936	46				3	2	3		1	2	5	22	39	41	25	37	10	11	7	12	23	27	14	5	1	8	9	13								
1937											10	34	30	11	34	20	28	32	22	13	20	21	22	15	12	7	13	18	3							
1938					6	5			4	4	3	6	38	53	33	37	4	9	7	13	8	18	37	21	22	13	5	7	5	1						
1939	103		1			1	2	2	3	9	13	22	53	17	50	12	6	7	6	10	28	9	9													
1940	58	5				2	5	6	7	17	33	40	42	15	4	8	6	17	27	17	17	9	13	11	6										1	
1941					1				1	3	8	4	21	25	24	29	22	19	13	15	4	12	32	46	13	22	15	9	7	9	2					
1942													64	1		2	13	4	6	1	17	26	33	34	30	9	15	31	31	26	15	1	4	1		1
1943									1	4	23	3	4	12	12	16	102	31	22	15	26	13	15	12	11	14	9	10	9	1						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	757	8035	100.0	12	4.6	374	6361	79.2	24	160	248	845	10.5
1	0.10	5	7278	90.6	13	6.2	599	5987	74.5	25	220	205	597	7.4
2	0.20	1	7273	90.5	14	8.4	406	5388	67.1	26	290	179	392	4.8
3	0.30	0	7272	90.5	15	11.0	844	4982	62.0	27	390	119	213	2.6
4	0.40	10	7272	90.5	16	15.0	482	4138	51.5	28	520	39	94	1.1
5	0.60	5	7262	90.4	17	20.0	634	3656	45.5	29	700	45	55	.6
6	0.80	190	7257	90.3	18	27.0	332	3022	37.6	30	940	8	10	.1
7	1.10	9	7067	88.0	19	37.0	379	2690	33.5	31	1300			
8	1.40	19	7058	87.8	20	49.0	395	2311	28.8	32	1700	2	2	
9	1.90	263	7039	87.6	21	66.0	412	1916	23.8	33				
10	2.60	188	6776	84.3	22	89.0	372	1504	18.7	34				
11	3.50	227	6588	82.0	23	120.0	287	1132	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
MANCOS RIVER NEAR TOWAOC, CO.

YEAR	1	3	7	15	30	60	90	120	183
1922	1080.0 3	997.0 3	893.0 2	707.0 4	658.0 2	437.0 3	337.0 3	266.0 3	180.0 3
1923	501.0 16	424.0 14	345.0 13	288.0 14	258.0 14	179.0 14	141.0 15	119.0 15	96.0 11
1924	720.0 8	558.0 7	509.0 6	372.0 11	295.0 11	214.0 10	150.0 13	120.0 14	88.0 15
1925	540.0 13	265.0 20	142.0 19	110.0 20	104.0 19	73.0 20	61.0 19	51.0 19	48.0 18
1926	1700.0 2	1090.0 2	761.0 4	731.0 3	703.0 1	458.0 1	341.0 2	270.0 2	188.0 2
1927	1000.0 4	800.0 5	493.0 7	397.0 9	358.0 6	302.0 5	251.0 5	219.0 4	159.0 4
1928	524.0 15	458.0 10	371.0 12	350.0 12	264.0 13	197.0 12	167.0 10	135.0 10	94.0 12
1929	739.0 7	432.0 13	340.0 15	258.0 15	201.0 16	157.0 16	146.0 14	121.0 13	103.0 10
1930	420.0 19	367.0 15	342.0 14	314.0 13	274.0 12	168.0 15	123.0 16	98.0 16	74.0 16
1931	581.0 10	299.0 18	132.0 20	62.0 21	31.0 21	22.0 21	20.0 21	18.0 21	17.0 21
1932	460.0 18	451.0 11	425.0 11	377.0 10	312.0 10	273.0 7	217.0 8	186.0 8	141.0 7
1933	320.0 21	289.0 19	191.0 17	179.0 17	127.0 17	99.0 17	81.0 17	67.0 17	49.0 17
1934	526.0 14	187.0 21	82.0 22	45.0 22	29.0 22	21.0 22	18.0 22	16.0 22	14.0 22
1935	328.0 20	307.0 17	262.0 16	222.0 16	211.0 15	191.0 13	164.0 11	132.0 11	91.0 13
1936	480.0 17	449.0 12	433.0 10	419.0 7	338.0 8	208.0 11	159.0 12	123.0 12	89.0 14
1937	560.0 11	508.0 8	457.0 8	442.0 6	413.0 5	313.0 4	242.0 6	200.0 6	143.0 6
1938	704.0 9	665.0 6	595.0 5	493.0 5	345.0 5	271.0 8	219.0 7	190.0 7	134.0 8
1939	242.0 22	138.0 22	130.0 21	114.0 19	102.0 20	81.0 19	61.0 20	48.0 20	36.0 20
1940	857.0 6	325.0 16	171.0 18	137.0 18	117.0 18	91.0 18	70.0 18	57.0 18	42.0 19
1941	1000.0 5	966.0 4	873.0 3	753.0 1	605.0 3	442.0 2	348.0 1	293.0 1	213.0 1
1942	3050.0 1	1670.0 1	993.0 1	745.0 2	469.0 4	300.0 6	262.0 4	211.0 5	153.0 5
1943	550.0 12	475.0 9	442.0 9	409.0 8	330.0 9	237.0 9	186.0 9	153.0 9	106.0 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
MANCOS RIVER NEAR TOWAOC, CO.

YEAR	1	3	7	14	30	60	90	120	183
1922	8.00 22	8.00 22	8.90 22	9.90 22	11.00 20	11.00 18	12.00 18	12.00 16	18.00 16
1923	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.43 1	4.30 4
1924	1.00 16	1.00 16	1.10 16	3.90 19	17.00 21	22.00 21	23.00 21	27.00 21	28.00 19
1925	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.28 4	0.90 4	1.70 4	2.60 1
1926	0.00 3	0.00 3	0.00 3	1.60 14	8.00 16	16.00 19	20.00 20	25.00 19	34.00 20
1927	0.00 4	0.00 4	0.00 4	0.00 3	2.40 13	4.50 12	5.20 7	5.90 8	8.40 9
1928	3.00 21	3.70 21	4.10 21	5.40 21	8.20 18	16.00 20	18.00 19	25.00 20	38.00 21
1929	0.00 5	0.00 5	0.00 5	0.00 4	0.70 9	2.30 7	5.90 8	5.20 5	7.00 5
1930	1.00 17	1.00 17	1.10 17	4.70 20	8.00 17	8.70 16	11.00 17	13.00 17	19.00 17
1931	0.00 6	0.00 6	0.00 6	1.40 12	1.70 11	2.40 8	3.60 6	5.70 7	8.20 8
1932	0.00 7	0.00 7	0.00 7	0.00 5	0.10 7	0.67 6	8.00 14	8.00 12	8.60 10
1933	1.00 18	1.00 18	1.00 15	1.60 13	9.00 19	9.50 17	10.00 16	11.00 15	13.00 13
1934	0.00 8	0.00 8	0.00 8	0.00 6	0.17 8	4.30 11	8.70 15	9.20 13	9.40 11
1935	0.00 9	0.00 9	0.00 9	0.00 7	0.00 3	0.12 3	0.82 3	1.10 2	4.00 3

SAN JUAN RIVER BASIN

09371000 MANCOS RIVER NEAR TOWAOC, COLO.--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MANCOS RIVER NEAR TOWAOC, CO.

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	981	8766	100.0	12	1.4	117	7116	81.2	24	94	211	833	9.5
1	0.01	1	7785	88.8	13	1.9	211	6999	79.8	25	130	211	622	7.0
2	0.02	6	7784	88.8	14	2.8	226	6788	77.4	26	190	171	411	4.6
3	0.04	9	7778	88.7	15	3.9	341	6562	74.9	27	270	116	240	2.7
4	0.05	17	7769	88.6	16	5.6	430	6221	71.0	28	380	69	124	1.4
5	0.08	20	7752	88.4	17	8.0	768	5791	66.1	29	540	41	55	.6
6	0.10	128	7732	88.2	18	11.0	1184	5023	57.3	30	770	11	14	.1
7	0.20	120	7604	86.7	19	16.0	1137	3839	43.8	31	1100	3	3	
8	0.30	97	7484	85.4	20	23.0	728	2702	30.8	32				
9	0.50	88	7387	84.3	21	33.0	443	1974	22.5	33				
10	0.70	85	7299	83.3	22	46.0	406	1531	17.5	34				
11	1.00	98	7214	82.3	23	66.0	292	1125	12.8					

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

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MANCOS RIVER NEAR TOWAOC, CO.

YEAR	1	3	7	15	30	60	90	120	183
1952	790.0 4	719.0 4	535.0 4	478.0 4	402.0 4	342.0 2	287.0 2	227.0 2	156.0 3
1953	442.0 10	244.0 10	154.0 13	77.0 16	44.0 18	30.0 21	26.0 19	24.0 19	22.0 18
1954	347.0 12	201.0 15	125.0 18	69.0 17	44.0 19	30.0 22	24.0 22	21.0 20	18.0 21
1955	310.0 15	150.0 17	132.0 16	99.0 13	79.0 14	47.0 15	32.0 17	26.0 18	27.0 14
1956	119.0 23	62.0 24	52.0 23	44.0 23	38.0 22	32.0 18	29.0 18	27.0 16	20.0 20
1957	905.0 3	722.0 3	689.0 2	601.0 2	426.0 2	321.0 3	260.0 3	222.0 3	160.0 2
1958	700.0 5	680.0 5	607.0 3	479.0 3	414.0 3	318.0 4	239.0 4	196.0 4	131.0 5
1959	226.0 17	114.0 21	54.0 22	26.0 24	14.0 24	8.6 24	8.9 24	8.3 24	6.1 24
1960	192.0 18	182.0 16	158.0 12	127.0 12	125.0 11	94.0 9	77.0 9	67.0 9	45.0 11
1961	102.0 24	92.0 22	85.0 19	69.0 18	64.0 15	54.0 14	44.0 14	35.0 14	25.0 16
1962	142.0 22	139.0 18	126.0 17	97.0 14	94.0 13	70.0 13	54.0 13	47.0 13	35.0 13
1963	611.0 6	243.0 11	133.0 15	67.0 19	46.0 17	37.0 16	32.0 15	27.0 17	25.0 17
1964	176.0 20	134.0 19	76.0 21	64.0 20	41.0 20	31.0 19	25.0 20	21.0 21	21.0 19
1965	360.0 11	340.0 7	289.0 8	231.0 8	185.0 7	169.0 7	146.0 6	125.0 6	93.0 7
1966	233.0 16	230.0 14	218.0 10	195.0 10	160.0 8	134.0 8	114.0 8	92.0 8	73.0 8
1967	318.0 14	240.0 17	149.0 14	80.0 15	50.0 16	34.0 17	24.0 21	21.0 22	17.0 22
1968	345.0 13	239.0 13	179.0 11	139.0 11	107.0 12	77.0 11	64.0 10	59.0 10	52.0 9
1969	499.0 9	339.0 8	302.0 7	249.0 7	220.0 6	190.0 6	146.0 7	124.0 7	94.0 6
1970	1890.0 1	842.0 2	391.0 6	260.0 6	139.0 9	77.0 12	57.0 12	54.0 11	45.0 10
1971	516.0 8	309.0 9	276.0 9	213.0 9	137.0 10	83.0 10	63.0 11	52.0 12	43.0 12
1972	192.0 19	120.0 20	84.0 20	54.0 21	40.0 21	31.0 20	32.0 16	28.0 15	26.0 15
1973	1100.0 2	1030.0 1	869.0 1	787.0 1	641.0 1	524.0 1	425.0 1	345.0 1	238.0 1
1974	150.0 21	69.0 23	51.0 24	46.0 22	37.0 23	26.0 23	21.0 23	18.0 23	17.0 23
1975	610.0 7	582.0 6	496.0 5	369.0 5	362.0 5	286.0 5	225.0 5	186.0 5	137.0 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
MANCOS RIVER NEAR TOWAOC, CO.

YEAR	1	3	7	14	30	60	90	120	183
1952	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.78 6	1.40 4	3.30 5
1953	2.60 23	2.60 23	2.70 22	3.00 20	5.30 20	6.50 18	7.40 15	9.10 15	11.00 12
1954	0.00 2	0.00 2	0.00 2	0.06 18	1.90 16	2.80 13	9.10 16	12.00 18	14.00 17
1955	0.00 3	0.00 3	0.00 3	0.00 2	0.05 10	2.10 12	2.90 9	4.80 10	11.00 13
1956	0.00 4	0.00 4	0.00 4	0.00 3	0.13 12	1.19 10	3.60 11	6.00 11	11.00 14
1957	0.00 5	0.00 5	0.00 5	0.00 4	0.00 2	0.00 2	0.27 5	0.88 2	1.80 2
1958	0.00 6	0.00 6	0.00 6	0.11 19	2.90 18	6.10 17	11.00 20	18.00 21	23.00 21
1959	0.00 7	0.00 7	0.00 7	0.00 5	0.00 3	0.23 8	1.80 8	3.60 8	4.20 7
1960	0.00 8	0.00 8	0.00 8	0.00 6	0.00 4	0.00 3	0.00 1	0.06 1	2.40 4
1961	0.00 9	0.00 9	0.00 9	0.00 7	0.00 5	0.00 4	0.04 2	1.40 3	3.40 6
1962	0.00 10	0.00 10	0.00 10	0.00 8	0.82 15	1.30 11	4.00 12	7.60 14	11.00 15
1963	0.00 11	0.00 11	0.00 11	0.00 9	0.00 6	0.03 6	0.16 4	1.90 6	8.10 10
1964	0.00 12	0.00 12	0.00 12	0.00 10	0.00 7	0.12 7	3.40 10	4.70 9	5.70 8
1965	0.00 13	0.00 13	0.00 13	0.00 11	0.07 11	5.90 16	9.60 17	12.00 19	15.00 18
1966	4.40 24	4.80 24	7.00 24	14.00 24	19.00 24	25.00 24	31.00 24	32.00 24	33.00 24
1967	0.00 14	0.00 14	0.00 14	0.04 15	2.40 17	5.10 15	5.40 14	6.10 13	8.10 9
1968	0.00 15	0.00 15	0.00 15	0.05 16	0.62 14	3.80 14	5.00 13	6.00 12	9.20 11
1969	0.00 16	0.00 16	0.00 16	0.06 17	0.29 13	8.80 20	11.00 19	11.00 16	15.00 19
1970	0.61 21	1.70 21	4.80 23	7.60 23	14.00 23	15.00 23	16.00 21	18.00 20	26.00 23
1971	0.00 17	0.00 17	0.89 20	4.50 22	8.70 22	14.00 22	19.00 23	19.00 22	22.00 20
1972	0.00 18	0.00 18	0.00 17	0.00 12	3.90 19	8.30 19	17.00 22	21.00 23	24.00 22
1973	0.00 19	0.00 19	0.00 18	0.00 13	0.00 8	0.38 9	1.60 7	1.50 5	2.30 3
1974	1.70 22	2.00 22	2.40 21	4.30 21	7.60 21	10.00 21	11.00 19	11.00 17	13.00 16
1975	0.00 20	0.00 20	0.00 19	0.00 14	0.00 9	0.00 5	0.06 3	2.00 7	1.70 1

SAN JUAN RIVER BASIN

09371000 MANCOS RIVER NEAR TOWAOC, COLO.--Continued

DISCHARGE, IN CUBIC FEET PER SECOND

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)											
21.0	16.5	14.5	14.0	22.8	40.4	82.0	112	67.6	23.0	24.5	17.2
671	129	85.3	58.7	185	735	8511	22690	13620	923	779	773
25.9	11.4	9.24	7.66	13.6	27.1	92.3	151	117	30.4	27.9	27.8
2.80	0.97	1.28	0.44	1.82	1.08	1.36	1.94	1.90	1.89	1.90	3.71
1.24	0.69	0.64	0.55	0.60	0.67	1.13	1.35	1.73	1.32	1.14	1.62
4.60	3.63	3.18	3.07	5.01	8.89	18.0	24.5	14.9	5.04	5.30	3.77

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)											
1.03	1.10	1.05	1.04	1.30	1.51	1.55	1.42	1.09	0.93	1.01	0.80
0.36	0.13	0.15	0.16	0.05	0.09	0.51	0.98	0.83	0.51	0.57	0.58
0.60	0.36	0.39	0.41	0.23	0.30	0.72	0.99	0.91	0.72	0.75	0.76
-0.95	-0.69	-2.27	-2.59	0.34	-0.22	-1.17	-0.66	0.16	-0.31	-0.95	-0.81
0.58	0.33	0.37	0.39	0.18	0.20	0.46	0.69	0.83	0.77	0.75	0.96
7.46	7.96	7.59	7.51	9.37	10.9	11.2	10.3	7.90	6.75	7.27	5.75

STATISTICS ON NDRMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
37.9	1080	32.9	1.54	0.87	-0.218

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.44	0.13	0.37	0.05	0.25	-0.304

09371500 MCELMO CREEK NEAR CORTEZ, COLO.

LOCATION.--Lat 37°19'22", long 108°40'21", in SE¼NW¼ sec.1, T.35 N., R.17 W., Montezuma County, on left bank 150 ft (46 m) downstream from Mud Creek and 5.3 mi (8.5 km) southwest of Cortez.

DRAINAGE AREA.--230 mi² (596 km²).

REMARKS.--Diversions for irrigation of about 200 acres (809,000 m²) above station. Flow is mainly return water from irrigated lands of Montezuma Irrigation District (water imported from Dolores River basin).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
MCELMO CREEK NEAR CORTEZ, 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																																				
1927		1							1		3	1	2	23	15	100	27	56	32	30	15	15	10	18	1	3	2	3	1	2	1	1			2	
1928	16	18	2	1	2	2	2	5	3	5	8	21	36	48	33	29	27	44	34	24	3	1														
1929			2		1	5	1	5	3	42	12	25	40	26	15	32	18	28	20	19	18	14	16	6	5	8		2	1		1					
1941								1	1	5	9	12	14	23	20	40	42	34	46	65	18	18	9	3	3											
1943									4		12	4	12	25	17	46	35	41	44	33	33	13	12	20	12	2										
1952					1	2	1	21	7	8	13	27	50	36	49	33	26	44	19	17	5	3	2	1			1									
1953									2	15	39	41	93	61	37	26	28	10	8		1	1	1	1												
1954						3	8	9	12	10	18	48	49	71	35	26	7	14	22	15	7	4	2	3			1	1								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2922	100.0	12	17.0	160	2555	87.4	24	170	40	92	3.1
1	2.00	19	2922	100.0	13	20.0	320	2395	82.0	25	210	14	52	1.7
2	2.40	0	2903	99.3	14	25.0	254	2075	71.0	26	250	13	38	1.3
3	2.90	18	2903	99.3	15	30.0	355	1821	62.3	27	310	12	25	.8
4	3.60	4	2885	98.7	16	37.0	196	1466	50.2	28	380	1	13	.4
5	4.30	5	2881	98.6	17	44.0	266	1270	43.5	29	460	4	12	.4
6	5.30	13	2876	98.4	18	54.0	239	1004	34.4	30	550	3	8	.2
7	6.40	17	2863	98.0	19	66.0	211	765	26.2	31	670	2	5	.1
8	7.80	41	2846	97.4	20	80.0	172	554	19.0	32	810	1	3	.1
9	9.40	30	2805	96.0	21	97.0	146	382	13.1	33	990		2	
10	11.00	63	2775	95.0	22	120.0	67	236	8.1	34	1200	2	2	
11	14.00	157	2712	92.8	23	140.0	77	169	5.8					

SAN JUAN RIVER BASIN

09371500 MCELMO CREEK NEAR CORTEZ, 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
MCELMO CREEK NEAR CORTEZ, CO.

YEAR	1	3	7	15	30	60	90	120	183
1927	1480.0 1	869.0 1	543.0 1	297.0 1	217.0 2	153.0 2	145.0 2	139.0 2	111.0 2
1928	164.0 8	135.0 8	109.0 7	101.0 5	93.0 5	87.0 5	72.0 5	65.0 5	58.0 5
1929	856.0 2	542.0 3	366.0 2	297.0 2	219.0 1	179.0 1	149.0 1	141.0 1	110.0 3
1941	800.0 3	567.0 2	344.0 3	247.0 3	171.0 3	131.0 4	124.0 3	123.0 3	113.0 1
1943	241.0 7	214.0 4	194.0 4	181.0 4	170.0 4	135.0 3	114.0 4	101.0 4	87.0 4
1952	268.0 5	163.0 7	105.0 8	84.0 6	71.0 7	67.0 6	59.0 6	57.0 6	53.0 6
1953	252.0 6	187.0 5	113.0 6	66.0 8	50.0 8	45.0 8	42.0 8	40.0 8	35.0 7
1954	339.0 4	174.0 6	128.0 5	79.0 7	77.0 6	60.0 7	48.0 7	41.0 7	35.0 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
MCELMO CREEK NEAR CORTEZ, CO.

YEAR	1	3	7	14	30	60	90	120	183
1928	19.00 6	19.00 6	21.00 6	24.00 6	25.00 6	29.00 6	36.00 6	40.00 6	50.00 6
1929	2.00 1	2.00 1	2.00 1	2.10 1	2.50 1	4.60 1	11.00 2	15.00 2	17.00 2
1943	8.30 3	9.20 3	12.00 4	14.00 4	21.00 4	25.00 5	28.00 5	27.00 5	36.00 5
1952	3.40 2	3.40 2	3.50 2	4.40 2	6.50 2	9.00 2	8.60 1	11.00 1	15.00 1
1953	10.00 4	11.00 5	15.00 5	17.00 5	21.00 5	22.00 4	24.00 4	23.00 4	25.00 3
1954	10.00 5	10.00 4	10.00 3	11.00 3	13.00 3	20.00 3	20.00 3	20.00 3	25.00 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,SKENNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
37.8	34.6	26.2	28.0	44.9	54.4	46.0	84.1	90.4	70.3	62.6	80.5
386	146	39.5	32.7	431	674	544	1602	2394	2061	2654	5912
19.6	12.1	6.28	5.71	20.8	26.0	23.3	40.0	48.9	45.4	51.5	76.9
1.26	2.17	0.02	0.69	0.04	0.48	1.23	1.14	0.95	0.16	1.54	0.76
0.52	0.35	0.24	0.20	0.46	0.48	0.51	0.48	0.54	0.65	0.82	0.95
5.73	5.24	3.96	4.25	6.81	8.25	6.97	12.7	13.7	10.7	9.48	12.2

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,SKENNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.53	1.52	1.41	1.44	1.61	1.69	1.62	1.88	1.90	1.73	1.66	1.63
0.04	0.02	0.01	0.01	0.05	0.05	0.04	0.04	0.06	0.14	0.15	0.39
0.21	0.13	0.11	0.09	0.22	0.23	0.21	0.21	0.25	0.38	0.38	0.63
0.58	1.56	-0.50	0.24	-0.24	-0.63	0.29	-0.08	-0.27	-0.90	-0.29	-0.98
0.14	0.08	0.08	0.06	0.14	0.14	0.13	0.11	0.13	0.22	0.23	0.38
7.81	7.75	7.17	7.34	8.19	8.59	8.24	9.60	9.67	8.83	8.48	8.32

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
55.0	450	21.2	0.00	0.39	0.598

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKENNESS	COEFF. OF VARIATION	SERIAL CORR
1.71	0.03	0.18	-0.27	0.11	0.678

09372000 MCELMO CREEK NEAR COLORADO-UTAH STATE LINE

LOCATION.--Lat 37°19'27", long 109°00'54", in NW¼NE¼ sec.2, T.35 N., R.20 W., Montezuma County, on right bank 1.5 mi (2.4 km) upstream from Colorado-Utah State line, 2.0 mi (3.2 km) upstream from Yellow-jacket Creek, and 2.0 mi (3.2 km) west of former town of McElmo.

DRAINAGE AREA.--346 mi² (896 km²).

REMARKS.--Diversions for irrigation of about 1,780 acres (7.20 km²) above station. One diversion above station for irrigation of about 60 acres (243,000 m²) below. Part of flow is return water from irrigated lands of Montezuma Irrigation District (water imported from Dolores River basin).

09372000 MCELMO CREEK NEAR COLORADO-UTAH STATE LINE--Continued

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
MCELMO CREEK NEAR COLORADO-UTAH STATE LINE

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																																						
1952										3	1	3	2	3	9	9	24	46	74	62	75	21	15	10	3	4	1		1										
1953									2	12	6	10	8	8	9	11	8	32	97	81	47	19	10	1		3		1											
1954						2	12	9	9	15	9	10	5	10	5	10	10	34	81	40	53	27	8	5	3	5	3												
1955										4	9	13	10	8	7	4	6	26	88	57	65	28	12	9	11	3	3	2											
1956		4	7	1	8	12	14	18	7	3	4	1	4	15	7	10	10	10	52	84	47	16	12	8	10	2													
1957		1			3	11	3	2	2	6			1		1	8	26	44	24	16	38	54	52	34	12	9	9	5	1		1	1	1						
1958																2	4	12	13	44	55	73	77	45	19	13	3	2	3										
1959			5	3	2	5	6	3	8	17	16	13	9	13	10	8	12	25	62	68	58	14	7	2															
1960						3	6	14	13	11	5	1	1	2		3	15	57	67	43	22	46	27	15	4	4	5	1	1										
1961						1			2	5	9	9	4	5	4	3	10	30	93	72	61	28	14	10	3	1	1												
1962											1	8	4	11	10	5	5	12	47	70	70	56	47	13	2	3													
1963					2	2	3		4	16	6	3	2	2	7	11	16	21	55	80	64	40	18	5	2	4	1												
1964									1	2	5	9	5	6	11	11	25	75	88	44	35	23	11	8		5	1	1											
1965																			7	65	70	53	58	64	25	19	2	2											
1966													4	4	5	4	1	4	6	16	21	51	91	105	28	9	7	1	4	3	1								
1967														1	4	6	8	25	86	103	54	25	22	14	5	4	1	2	1	1	1	1	1	1					
1968																		3	31	115	87	44	43	18	12	9	1	1	2										
1969																			15	79	70	62	63	34	22	16	3	1											
1970														1	3	7	3	12	67	45	66	58	54	25	5	9	3	5	1										
1971																	1	8	72	49	63	82	46	22	12	4	4												
1972																	5	12	20	41	69	67	47	26	14	8	1	3	1	1									
1973																				3	28	51	66	73	50	24	33	22	6	2	2	1	1						
1974																																							
1975																																							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	8766	100.0	12	3.8	68	8251	94.1	24	110	202	510	5.8
1	0.10	5	8766	100.0	13	5.0	103	8183	93.3	25	140	168	308	3.5
2	0.20	12	8761	99.9	14	6.6	103	8080	92.2	26	190	70	140	1.5
3	0.30	4	8749	99.8	15	8.7	128	7977	91.0	27	250	35	70	.7
4	0.40	13	8745	99.8	16	12.0	214	7849	89.5	28	330	18	35	.3
5	0.50	35	8732	99.6	17	15.0	553	7635	87.1	29	440	8	17	.1
6	0.70	46	8697	99.2	18	20.0	1296	7082	80.8	30	580	3	9	.1
7	0.90	52	8651	98.7	19	27.0	1453	5786	66.0	31	760	3	6	
8	1.20	55	8599	98.1	20	35.0	1409	4333	49.4	32	1000	3	3	
9	1.60	108	8544	97.5	21	47.0	1089	2924	33.4	33				
10	2.20	85	8436	96.2	22	62.0	855	1835	20.9	34				
11	2.90	100	8351	95.3	23	82.0	470	980	11.2					

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

DISCHARGE, IN CUBIC FEET PER SECOND

MEAN
MCELMO CREEK NEAR COLORADO-UTAH STATE LINE

YEAR	1	3	7	15	30	60	90	120	183
1952	396.0 10	218.0 13	109.0 21	68.0 22	60.0 20	54.0 18	46.0 18	46.0 18	42.0 18
1953	256.0 21	166.0 21	110.0 20	67.0 23	45.0 24	38.0 24	35.0 24	33.0 24	33.0 22
1954	240.0 22	180.0 20	143.0 16	89.0 19	70.0 18	50.0 20	41.0 21	38.0 22	33.0 23
1955	267.0 19	224.0 12	173.0 11	124.0 15	92.0 14	61.0 17	57.0 15	53.0 14	48.0 15
1956	170.0 24	133.0 24	121.0 17	110.0 16	91.0 15	66.0 15	54.0 16	48.0 17	43.0 17
1957	1010.0 3	622.0 2	340.0 4	232.0 4	170.0 2	153.0 2	124.0 2	118.0 2	101.0 2
1958	428.0 9	289.0 7	204.0 8	160.0 7	136.0 6	105.0 7	89.0 8	85.0 6	80.0 5
1959	303.0 16	139.0 23	75.0 24	55.0 24	51.0 23	43.0 23	38.0 23	36.0 23	33.0 24
1960	379.0 12	283.0 8	221.0 6	152.0 9	108.0 10	82.0 10	75.0 11	71.0 12	56.0 12
1961	196.0 23	148.0 22	99.0 23	80.0 20	59.0 21	49.0 21	45.0 19	42.0 19	38.0 20
1962	347.0 14	192.0 17	117.0 19	94.0 18	84.0 17	71.0 13	61.0 14	53.0 15	49.0 13
1963	445.0 8	217.0 14	102.0 22	70.0 21	52.0 22	47.0 22	41.0 22	42.0 20	39.0 19
1964	329.0 15	203.0 15	120.0 18	97.0 17	68.0 19	51.0 19	42.0 20	38.0 21	35.0 21
1965	262.0 20	199.0 16	170.0 12	147.0 10	127.0 7	114.0 3	109.0 3	104.0 3	91.0 3
1966	448.0 7	403.0 5	276.0 5	168.0 6	120.0 8	109.0 5	102.0 4	91.0 4	81.0 4
1967	1200.0 1	637.0 1	554.0 1	301.0 1	170.0 3	106.0 6	95.0 6	81.0 8	62.0 9
1968	363.0 13	261.0 11	198.0 9	179.0 5	144.0 5	99.0 9	87.0 9	79.0 9	64.0 8
1969	272.0 18	186.0 19	151.0 15	133.0 12	107.0 11	102.0 8	92.0 7	83.0 7	77.0 6
1970	1200.0 2	600.0 3	344.0 3	242.0 3	154.0 4	111.0 4	97.0 5	91.0 5	68.0 7
1971	572.0 5	298.0 6	212.0 7	158.0 8	114.0 9	77.0 12	69.0 12	73.0 10	60.0 11
1972	544.0 6	280.0 9	161.0 14	129.0 14	88.0 16	69.0 14	65.0 13	59.0 13	48.0 14
1973	830.0 4	574.0 4	454.0 2	274.0 2	197.0 1	179.0 1	151.0 1	139.0 1	119.0 1
1974	388.0 11	272.0 10	194.0 10	139.0 11	96.0 13	64.0 16	51.0 17	49.0 16	45.0 16
1975	275.0 17	191.0 18	165.0 13	132.0 13	99.0 12	80.0 11	77.0 10	71.0 11	61.0 10

SAN JUAN RIVER BASIN

09372000 MCELMO CREEK NEAR COLORADO-UTAH 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
MCELMO CREEK NEAR COLORADO-UTAH STATE LINE

YEAR	1	3	7	14	30	60	90	120	183
1952	0.10 1	0.10 1	0.16 2	0.21 2	1.00 3	9.20 7	9.60 4	13.00 4	17.00 4
1953	5.60 15	8.70 17	13.00 17	16.00 16	17.00 15	22.00 16	24.00 15	25.00 11	27.00 10
1954	1.40 9	1.50 9	1.60 9	2.20 9	4.80 7	14.00 9	22.00 12	19.00 8	25.00 9
1955	0.60 6	0.63 4	0.73 4	1.19 6	3.30 6	3.90 3	6.70 3	13.00 5	20.00 5
1956	1.90 11	2.20 12	2.40 11	2.60 11	4.60 8	7.40 5	13.00 7	17.00 6	23.00 8
1957	0.10 2	0.13 2	0.14 1	0.19 1	0.37 1	0.56 1	3.10 1	5.10 1	7.90 1
1958	22.00 23	26.00 23	29.00 23	30.00 23	32.00 23	40.00 23	48.00 23	57.00 23	74.00 23
1959	11.00 18	13.00 18	16.00 18	17.00 17	23.00 19	27.00 18	29.00 18	30.00 16	33.00 14
1960	0.20 3	0.20 3	0.24 3	0.37 3	0.87 2	8.00 6	10.00 6	9.80 2	13.00 2
1961	0.60 4	0.67 5	0.91 6	1.00 4	1.10 4	1.50 2	6.30 2	12.00 3	16.00 3
1962	1.90 12	1.90 11	2.30 10	2.50 10	6.50 10	16.00 11	23.00 13	28.00 15	37.00 17
1963	2.60 13	2.90 13	3.50 13	4.70 13	6.30 9	10.00 8	17.00 9	25.00 12	28.00 11
1964	0.60 5	0.67 6	0.81 5	1.19 5	11.00 12	17.00 12	18.00 10	26.00 9	20.00 6
1965	1.40 10	1.70 10	2.80 12	4.40 12	11.00 13	18.00 13	21.00 11	26.00 13	32.00 12
1966	28.00 24	30.00 24	36.00 24	43.00 24	46.00 24	53.00 24	62.00 24	70.00 24	82.00 24
1967	3.00 14	3.30 14	3.60 14	4.80 14	18.00 16	21.00 14	24.00 14	27.00 14	33.00 15
1968	6.00 16	6.70 15	11.00 16	17.00 18	21.00 17	27.00 19	32.00 21	33.00 19	37.00 16
1969	20.00 22	21.00 22	22.00 22	25.00 22	27.00 20	31.00 22	32.00 22	36.00 21	45.00 19
1970	18.00 21	19.00 21	20.00 21	22.00 19	27.00 21	28.00 20	28.00 16	32.00 17	47.00 20
1971	6.50 17	8.20 16	9.90 15	11.00 15	15.00 14	21.00 15	31.00 19	35.00 20	47.00 21
1972	14.00 19	19.00 19	19.00 19	24.00 21	27.00 22	29.00 21	31.00 20	39.00 22	48.00 22
1973	0.60 7	0.88 7	1.00 7	1.40 7	2.40 5	6.50 4	9.70 5	23.00 10	32.00 13
1974	15.00 20	18.00 20	20.00 20	22.00 20	23.00 18	24.00 17	29.00 17	32.00 18	42.00 18
1975	1.40 8	1.50 8	1.60 8	1.90 8	7.70 11	15.00 10	16.00 8	18.00 7	23.00 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,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
51.4	43.0	37.3	32.1	41.5	55.4	43.6	52.4	55.9	43.8	55.4	40.8
1536	348	296	146	328	1632	696	587	730	1302	2199	1280
39.2	18.7	17.2	12.1	18.1	40.4	26.4	24.2	27.0	36.1	46.9	35.8
1.31	1.10	1.78	1.58	1.67	2.09	2.79	0.14	0.22	0.93	0.85	1.53
0.76	0.43	0.46	0.38	0.44	0.73	0.61	0.46	0.48	0.82	0.85	0.88
9.31	7.78	6.75	5.81	7.51	10.0	7.88	9.48	10.1	7.93	10.0	7.39

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,SKWENESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.57	1.60	1.53	1.48	1.59	1.66	1.58	1.66	1.69	1.45	1.53	1.38
0.17	8.83	0.03	0.02	0.03	0.07	0.05	0.06	0.06	0.24	0.26	0.35
0.41	0.19	0.10	0.15	0.17	0.26	0.23	0.25	0.24	0.49	0.50	0.59
-1.33	-0.16	0.28	0.52	0.51	0.73	-0.24	-1.01	-0.49	-0.98	-0.73	-1.54
0.26	0.12	0.12	0.10	0.11	0.16	0.14	0.15	0.14	0.34	0.33	0.43
8.40	0.52	8.19	7.92	8.47	8.87	0.45	8.87	9.03	7.74	8.19	7.35

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
46.1	307	17.5	0.95	0.38	0.087

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKWENESS	COEFF. OF VARIATION	SERIAL CORR
1.64	0.03	0.16	0.24	0.10	0.142