ANNUAL SNOWMELT AND RAINFALL PEAK-FLOW DATA ON SELECTED FOOTHILLS REGION STREAMS, SOUTH PLATTE RIVER, ARKANSAS RIVER, AND COLORADO RIVER BASINS, COLORADO

By John G. Elliott, Robert D. Jarrett, and John L. Ebling

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METRIC CONVERSIONS

Inch-pound units used in this report may be converted to the International System of Units (SI) by using the following conversion factors:

Multiply	*By*	*To obtain*
acre	4,047	square meter
acre	0.4047	square hectometer
acre-feet (acre-ft)	1,233	cubic meter
acre-feet (acre-ft)	0.001233	cubic hectometer
cubic foot per second (ft^3/s)	0.02832	cubic meter per second
foot (ft)	0.3048	meter
square mile (mi^2)	2.590	square kilometer

GLOSSARY

differentiated peak flows.--Peak flows whose originating meterorological conditions have been determined. Peak flows are differentiated as produced by either snowmelt or rainfall.

flood frequency.--The number of times per year on the average that a flood of a given magnitude is equaled or exceeded.

flood plain.--The surface or strip of relatively smooth land adjacent to a stream channel, constructed by the present stream in its existing regimen and covered by water when the stream overflows its banks.

foothill streams.--Streams which flow from a high mountain area to a plain or plateau area. The stream is subjected to floods resulting from rainfall, snowmelt, or a combination of both.

mixed-population flood area.--The transition zone between a high mountain area and a plain or plateau area where floods are caused by rainfall, snowmelt, or a combination of both.

natural-flow stream.--A stream on which diversions and regulation have insignificant effects on annual peak discharges.

peak discharge.--The largest value of annual streamflow, reported in cubic feet per second.

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ABSTRACT

Peak flows in the foothills region of Colorado are attributable to two meteorologic sources--snowmelt and rainfall. As part of a study of the hydrology of foothills streams in Colorado, charts from streamflow gages on unregulated streams were examined to determine the source of peak-flow events. Snowmelt-runoff peaks were distinguished from rainfall-runoff peaks on the basis of daily and seasonal occurrence, hydrograph shape, and local weather conditions. Peak-flow data for snowmelt runoff and rainfall runoff are presented for 69 streamflow-gaging stations in the South Platte River, the Arkansas River, and the Colorado River basins.

INTRODUCTION

A realistic determination of the magnitude and frequency of floods is essential in the design of structures, land-use planning, identification of flood-hazard areas, and studies involving streamflow characteristics. Peak flows for ungaged watersheds or those with short periods of record are estimated with a regional flood-frequency analysis which utilizes data collected in gaged watersheds of similar climatic and geomorphic setting. Regional flood-frequency analysis has been performed for Colorado streams by Patterson (1964; 1965), Patterson and Somers (1966), Matthai (1968), McCain and Jarrett (1976), and Livingston (1970, 1981).

The foothills region of Colorado is defined as the rugged terrain between high mountainous areas and plains, or plateaus, areas. Peak-flow events in this region may be produced by either melting of the snowpack or rainfall runoff. This mixed population of flood events complicates flood hydrology and attempts at conventional flood-frequency analysis. For this reason a study to identify the unique character of the foothills region flood hydrology has been undertaken. The study was conducted in cooperation with the U.S. Army Corps of Engineers, Albuquerque, Omaha, and Sacramento Districts; the U.S. Bureau of Reclamation, Salt Lake City, Utah; the Colorado Water Conservation Board; and the Urban Drainage and Flood Control District, Denver, Colo.

Approach

McCain and Ebling (1979) outlined a comprehensive plan for the collection and analysis of flood data for selected streams in the foothills regions of Colorado. Based on this earlier work, the study of foothills region flood hydrology is being conducted. In the first phase of the study, a peak-flow data base was established and is presented in this report. Flow characteristics were compiled for 69 streams in the South Platte River, the Arkansas River, and the Colorado River basins. The major river basins of Colorado are shown in figure 1. Gage-height charts, weather records, and indirect discharge measurements were examined, and peak-flow events were identified as originating from either snowmelt runoff or rainfall runoff.

Personnel from the Colorado District analyzed rainfall-runoff and snowmelt-runoff data bases and also used other techniques of investigations. Topics included in these analyses and techniques of investigations were: (1) Flood-frequency analysis of rainfall-runoff and snowmelt-runoff data; (2) Methods for at-a-site integration of snowmelt and rainfall flood-frequency curves; (3) Coordination of mixed-population flood-frequency analysis with investigations of geomorphic, stratigraphic, botanic, and paleohydraulic techniques; and (4) Definition of areas dominated by either snowmelt-runoff or rainfall-runoff peak flows. This study will provide the means to identify the needs and amount of additional data collection for foothills streams in Colorado.

Although foothill-type streams occur adjacent to all mountainous areas in Colorado, severe floods produced by rainfall appear to be extremely rare for streams in the basins of the North Platte River and the Rio Grande (McCain and Ebling, 1979). For this reason, streams in these two basins were not included in the study. The data presented in this report include snowmelt- and rainfall-produced peak flows from 27 streamflow-gaging stations in the South Platte River basin, 13 in the Arkansas River basin, and 29 in the Colorado River basin, shown in figures 2, 3, and 4, respectively.

Acknowledgments

The authors are grateful to Glenn Brees, Colorado Department of Natural Resources, Division of Water Resources, Office of the State Engineer, for providing records of State-operated streamflow-gaging stations. Assistance in data compilation and interpretation was provided by Eugene J. Van Camp and William P. Stanton III, Colorado Department of Natural Resources, Colorado Water Conservation Board, and Richard A. Herbert, U.S. Bureau of Land Management.

STATION SELECTION

Peak-flow data presented in this study were collected at streamflow-gaging stations in Colorado by the U.S. Geological Survey and cooperating agencies. The following criteria were established for the selection of the streamflow-gaging stations to be studied.

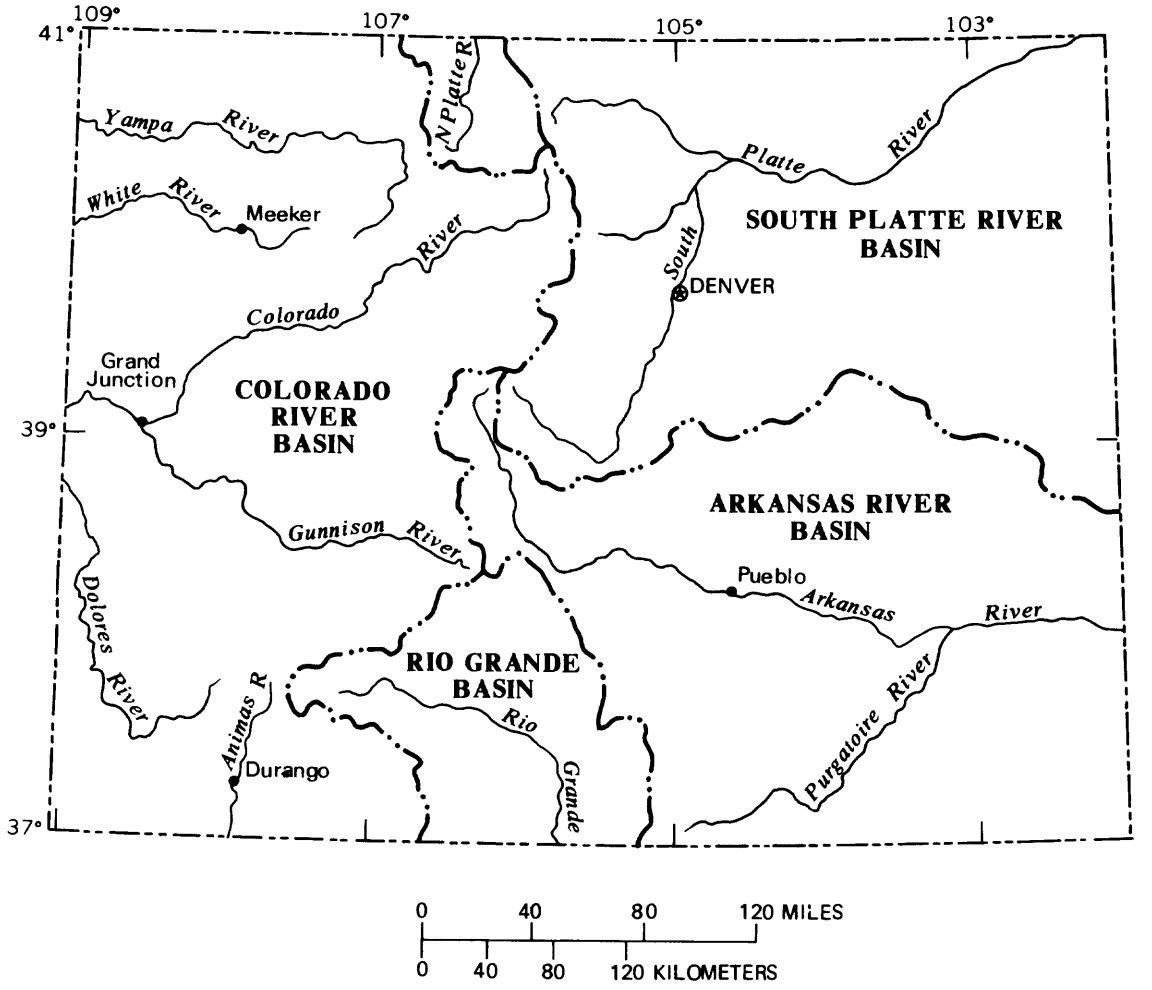

Figure 1. -- Major river basins of Colorado.

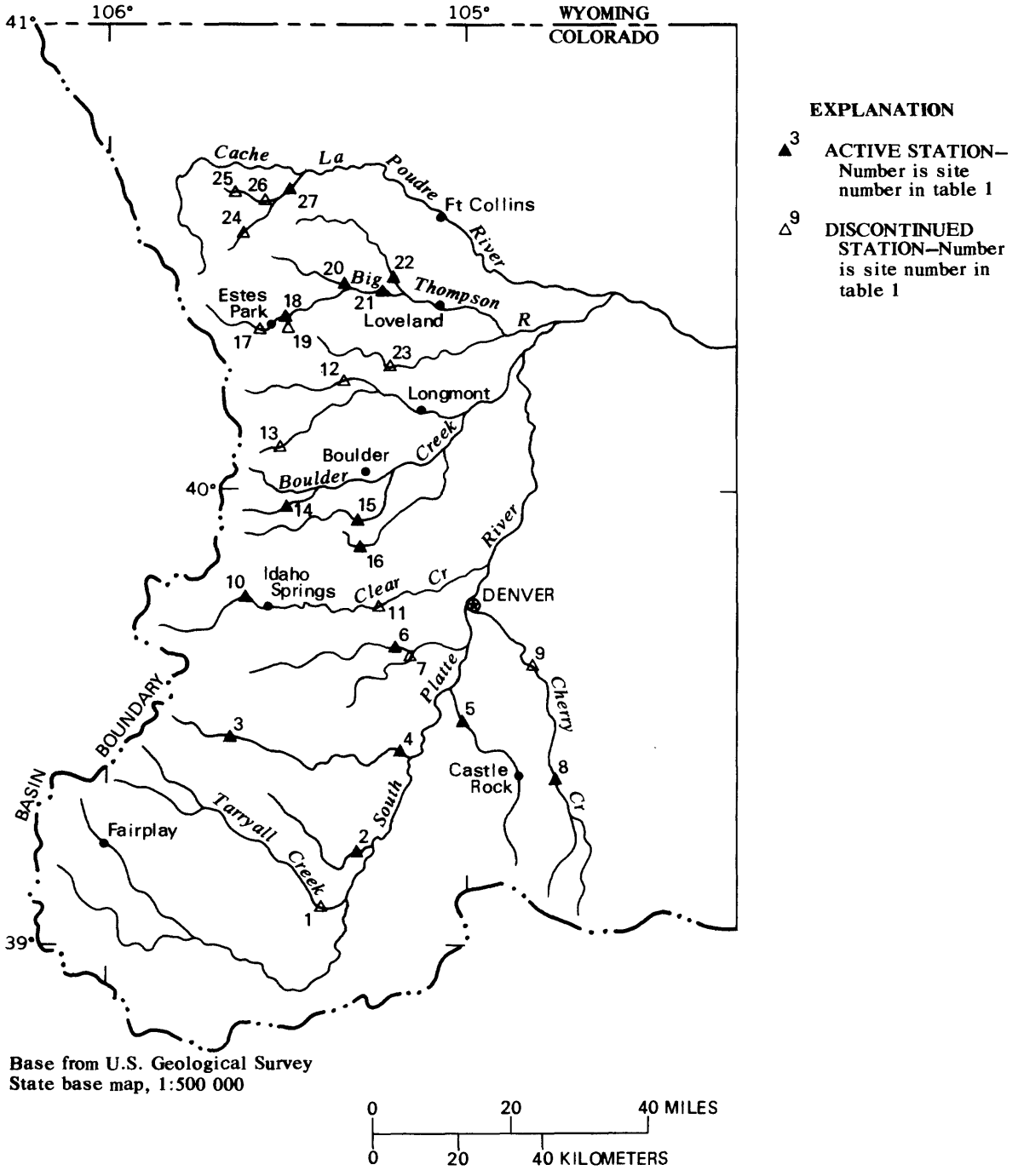

Figure 2. -- Selected streamflow-gaging stations for which peak flows were differentiated in the South Platte River basin.

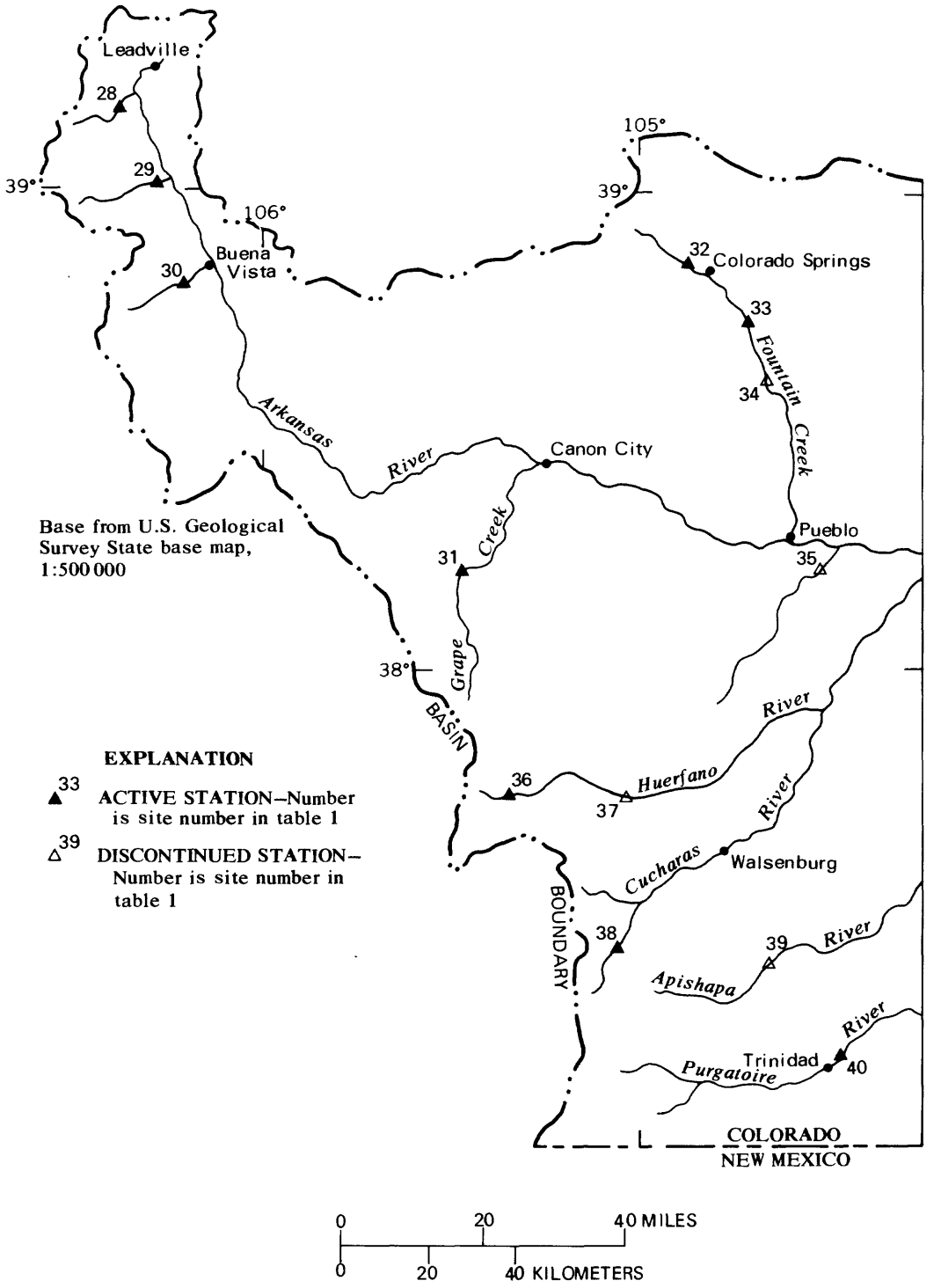

Figure 3. -- Selected streamflow-gaging stations for which peak flows were differentiated in the Arkansas River basin.

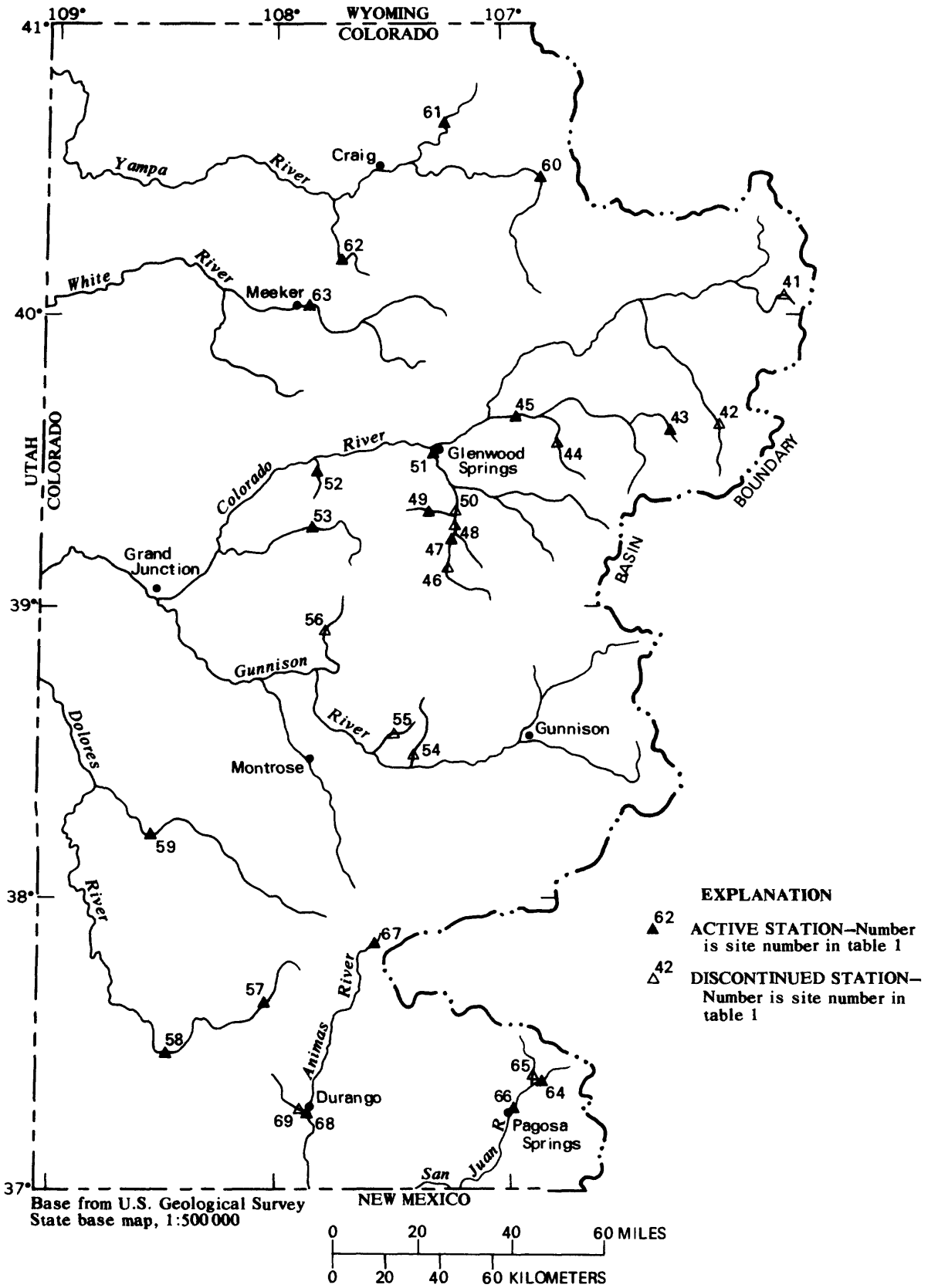

Figure 4. -- Selected streamflow-gaging stations for which peak flows were differentiated in the Colorado River basin.

1. Stations were chosen from regions where streams have experienced high peak flows of both snowmelt and rainfall origin.

2. Stations with natural streamflow or where peak flows were only minimally affected by regulation or diversion were used in the data base. If diversion above the station was used for irrigation of an area greater than 10 percent of the total drainage area, the station was excluded.

Although many stations met the selection criteria, the sample of stations from the South Platte River and the Arkansas River basins were limited to those stations with a period of record including at least 10 years. Most stations in the sample from the Colorado River basin included at least 20 years of record and were selected in order to cover a broad geographic distribution.

DIFFERENTIATION BETWEEN SNOWMELT- AND RAINFALL-PRODUCED PEAK FLOWS

Peak flows in the foothills region of Colorado are caused primarily by one of two meteorologic sources--snowmelt or rainfall. In a majority of the basins in this region, severe floods are generated by intense rainfall. However, in many watersheds at higher elevations, the yearly peak flow is produced from snowmelt. Previously no distinction was made between snowmelt- and rainfall-produced peak flows in the same year.

To establish the data base for this study, streamflow records were examined for 69 gaged sites, as shown in table 1. Gage heights were determined from continuous-stage recorders to calculate peak discharges from snowmelt and rainfall runoff. Indirect measurements of peak flow, if available, were used to supplement station records. For a given water year, the published annual runoff peak was checked against the streamflow chart and weather records and identified as either a snowmelt- or rainfall-produced event. Then the chart was examined for a second peak--the highest peak of the other runoff category.

Because the results of the study are to be utilized in flood-plain management, interest was focused on the frequency with which portions of a flood plain were inundated. Therefore, instantaneous discharge was identified rather than the total volume of an event, regardless of the duration of the event. For example, when choosing between two rainfall-produced peaks, the peak exhibiting a higher instantaneous discharge was selected rather than one which may have had a greater volume during a given event but had a lower peak discharge.

Precipitation, ground cover, aspect, soils, and geomorphology vary from basin to basin. Similarly, the hydrologic character of each watershed is unique, but patterns of runoff exist that enable an investigator to differentiate between snowmelt runoff and rainfall runoff.

Snowmelt-runoff peaks result from the seasonal ablation of the snowpack. Inspection of streamflow charts revealed that typically the snowmelt hydrograph had a diurnal pattern in which daily peaks rose and fell over a period of several days or weeks, as shown in figure 5. At elevations above 6,000 to 7,000 ft, these peaks had a regular, well defined appearance. Daily snowmelt-runoff peaks for a given basin often occurred at the same time of day, and the annual snowmelt-runoff peak

Table 1.--*Stations in foothills region selected for peak-flow analysis, South Platte River, Arkansas River, and Colorado River basins*

Site No.[1]	Station number and name	Latitude	Longitude	Drainage area, in square miles	Gage datum, in feet above mean sea level	Runoff record, in years[2]	
						Snowmelt peaks	Rainfall peaks
	SOUTH PLATTE RIVER BASIN						
1	06699500 Tarryall Creek near Lake George----	39°04'51"	105°24'58"	434	8,250	26	31
2	06700500 Goose Creek above Cheesman Lake----	39°12'32"	105°18'11"	86.6	6,910	51	52
3	06706000 North Fork South Platte River below Geneva Creek, at Grant----------	39°27'26"	105°39'29"	127	8,561	14	15
4	06707000 North Fork South Platte River at South Platte----------	39°24'32"	105°10'31"	479	6,091	39	38
5	06709500 Plum Creek near Louviers----------	39°29'04"	105°00'07"	302	5,585	26	26
6	06710500 Bear Creek at Morrison----------	39°39'11"	105°11'43"	164	5,780	56	58
7	06711000 Turkey Creek near Morrison---------	39°38'08'	105°10'05"	50.1	5,718	5	12
8	06712000 Cherry Creek near Franktown--------	39°21'21"	104°45'46"	169	6,170	35	34
9	06712500 Cherry Creek near Melvin----------	39°35'42"	104°48'44"	336	5,630	23	29
10	06716500 Clear Creek near Lawson----------	39°45'57"	105°37'32"	147	8,080	29	32
11	06719500 Clear Creek near Golden----------	39°45'02"	105°14'54"	399	5,735	62	62
12	06722000 North St. Vrain Creek at Longmont Dam, near Lyons----------	40°13'30"	105°21'00"	106	6,050	27	27
13	06722500 South St. Vrain Creek near Ward----	40°05'27"	105°30'50"	14.4	9,372	23	22
14	06725500 Middle Boulder Creek at Nederland--	39°57'42"	105°30'14"	36.2	8,186	33	33
15	06729500 South Boulder Creek near Eldorado Springs----------	39°55'52"	105°17'43"	109	6,080	34	35
16	06730300 Coal Creek near Plainview----------	39°52'40"	105°16'36"	15.1	6,540	16	18
17	06732000 Glacier Creek near Estes Park------	40°20'41"	105°35'00"	24.4	7,980	14	14
18	06733000 Big Thompson River at Estes Park---	40°22'42"	105°30'48"	137	7,492	27	27
19	06734500 Fish Creek near Estes Park---------	40°22'07"	105°29'36"	16.0.	7,476	33	32
20	06736000 North Fork Big Thompson River, at Drake----------	40°26'00"	105°20'18"	82.8	6,170	30	30
21	06738000 Big Thompson River at mouth of canyon, near Drake----------	40°25'18"	105°13'34"	305	5,297	19	23
22	06739500 Buckhorn Creek near Masonville-----	40°27'14"	105°11'54"	131	5,200	30	35
23	06742000 Little Thompson River near Berthoud----------	40°15'30"	105°12'15"	101	5,220	12	13
24	06748200 Fall Creek near Rustic----------	40°33'06"	105°37'35"	3.64	9,765	13	13
25	06748510 Little Beaver Creek near Idylwilde-	40°38'19"	105°39'40"	.89	10,000	13	13
26	06748530 Little Beaver Creek near Rustic----	40°37'23"	105°33'52"	12.3	8,350	13	13
27	06748600 South Fork Cache la Poudre River near Rustic----------	40°38'49"	105°29'35"	92.4	7,597	18	18
	ARKANSAS RIVER BASIN						
28	07083000 Halfmoon Creek near Malta----------	39°10'20"	106°23'19"	23.6	9,830	24	24
29	07086500 Clear Creek above Clear Creek Reservoir----------	39°01'05"	106°16'38"	67.1	8,885	29	29
30	07089000 Cottonwood Creek below Hot Springs, near Buena Vista----------	38°48'46"	106°13'18"	65	8,532	18	20
31	07095000 Grape Creek near Westcliffe--------	38°11'10"	105°28'59"	320	7,690	47	47
32	07103700 Fountain Creek near Colorado Springs----------	38°51'17"	104°52'39"	103	6,110	16	15
33	07105800 Fountain Creek at Security---------	38°43'46"	104°44'00"	495	5,640	12	11
34	07106000 Fountain Creek near Fountain-------	38°36'08"	104°40'13"	676	5,342	14	17
35	07108500 St. Charles River near Pueblo------	38°12'39"	104°31'57"	468	4,690	10	12
36	07111000 Huerfano River at Manzanares Crossing, near Redwing----------	37°43'40"	105°21'03"	73.0	8,270	47	48
37	07112500 Huerfano River at Badito----------	37°43'38"	105°00'43"	532	6,415	7	11
38	07114000 Cucharas River at Boyd Ranch, near La Veta----------	37°25'12"	105°03'08"	56.0	7,781	41	41
39	07118000 Apishapa River near Aguilar--------	37°23'11"	104°39'55"	126	6,408	11	12
40	07124500 Purgatoire River at Trinidad-------	37°10'15"	104°30'31"	795	5,980	50	64

Table 1.--*Stations in foothills region selected for peak-flow analysis, South Platte River, Arkansas River, and Colorado River basins*--Continued

Site No.[1]	Station number and name	Latitude	Longitude	Drainage area, in square miles	Gage datum, in feet above mean sea level	Runoff record, in years[2]	
						Snowmelt peaks	Rainfall peaks
	COLORADO RIVER BASIN						
41	09033000 Meadow Creek near Tabernash	40°02'55"	105°46'30"	8.0	9,780	21	19
42	09047000 Blue River at Dillon	39°36'50"	106°03'05"	128	8,821	34	26
43	09066000 Black Gore Creek near Minturn	39°35'47"	106°15'52"	11.8	9,150	22	22
44	09068000 Brush Creek near Eagle	39°33'26"	106°45'45"	69.7	7,450	22	22
45	09070000 Eagle River below Gypsum	39°38'58"	106°57'11"	944	6,275	25	25
46	09081550 Crystal River at Placita	39°08'34"	107°15'26"	107	7,372	17	17
47	09081600 Crystal River above Avalanche Creek, near Redstone	39°13'56"	107°13'36"	167	6,905	21	23
48	09082500 Crystal River near Redstone	39°17'55"	107°12'49"	229	6,484	27	27
49	09082800 North Thompson Creek near Carbondale	39°19'47"	107°19'58"	26.8	8,120	10	15
50	09083000 Thompson Creek near Carbondale	39°19'50"	107°13'25"	75.7	6,450	14	14
51	09085000 Roaring Fork River at Glenwood Springs	39°32'37"	107°19'44"	1,451	5,721	49	45
52	09092500 Beaver Creek near Rifle	39°28'19"	107°49'55"	7.90	6,685	25	24
53	09097500 Buzzard Creek near Collbran	39°16'20"	107°51'00"	143	6,955	43	40
54	09125000 Curecanti Creek near Sapinero	38°29'15"	107°24'51"	35.0	7,867	27	27
55	09127500 Crystal Creek near Maher	38°33'05"	107°20'31"	42.2	8,070	18	18
56	09134500 Leroux Creek near Cedaredge	38°55'35"	107°47'35"	35.1	7,255	20	20
57	09165000 Dolores River below Rico	37°38'20"	108°03'35"	105	8,422	26	26
58	09166500 Dolores River at Dolores	37°28'16"	108°30'15"	504	6,919	53	53
59	09175500 San Miguel River at Naturita	38°13'04"	108°33'57"	1,069	5,393	34	34
60	09239500 Yampa River at Steamboat Springs	40°29'01"	106°49'54"	604	6,695	29	18
61	09245000 Elkhead Creek near Elkhead	40°40'11"	107°17'04"	64.2	6,845	27	16
62	09250000 Milk Creek near Thornburgh	40°11'37"	107°43'57"	65.0	6,599	25	11
63	09304500 White River near Meeker	40°02'01"	107°51'42"	755	6,300	37	36
64	09340000 East Fork San Juan River near Pagosa Springs	37°22'10"	106°53'30"	86.9	7,598	39	39
65	09341500 West Fork San Juan River near Pagosa Springs	37°22'40"	106°54'00"	87.9	7,614	26	19
66	09342500 San Juan River at Pagosa Springs	37°15'58"	107°00'37"	298	7,052	42	40
67	09357500 Animas River at Howardsville	37°49'59"	107°35'56"	55.9	9,617	42	42
68	09361500 Animas River at Durango	37°16'45"	107°52'47"	692	6,502	51	51
69	09362000 Lightner Creek near Durango	37°16'10"	107°53'15"	66	6,534	20	19

[1]Site number corresponds to those on figures 2, 3, and 4.

[2]Number of years in which annual peaks were not significantly affected by known regulation and diversions and for which graphical stage recorders or indirect measurements of peak flow are available.

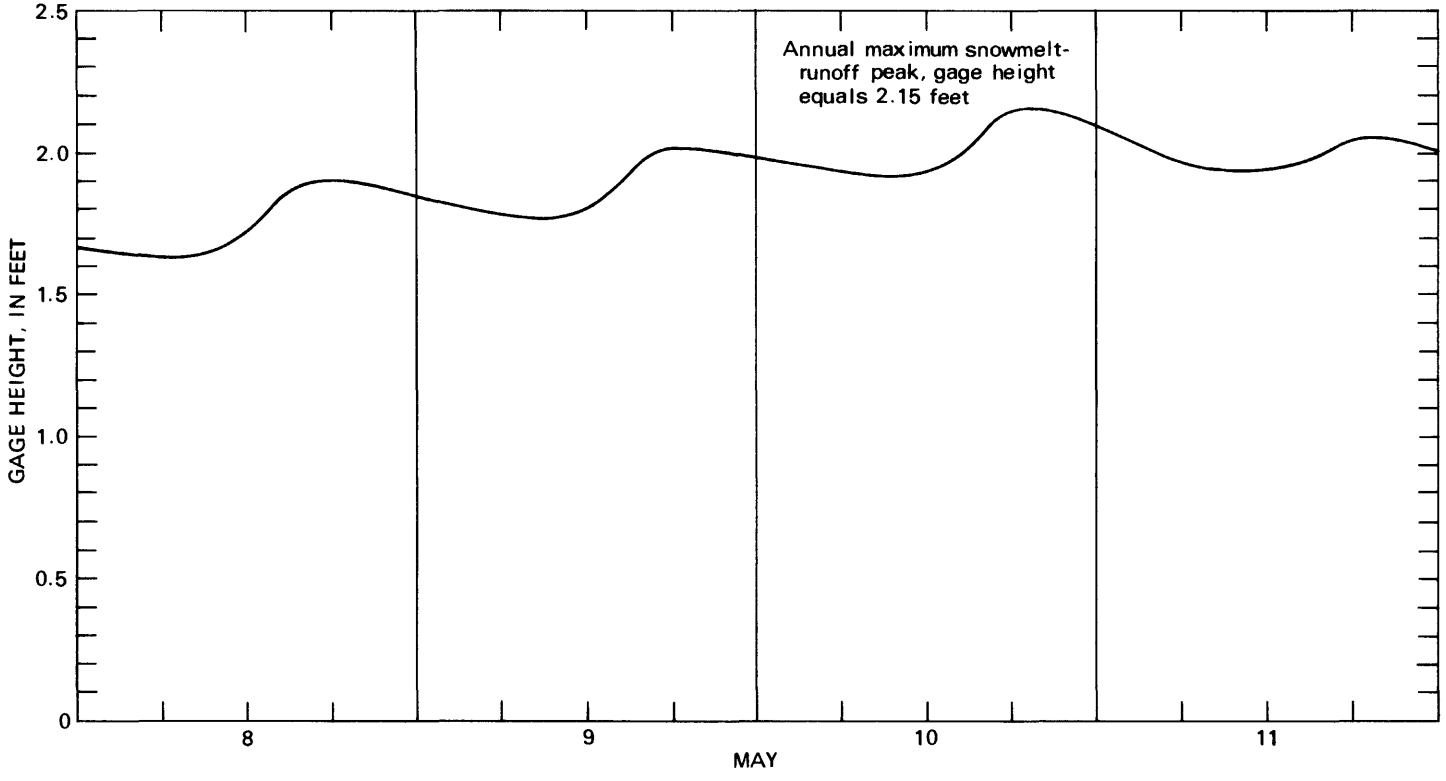

Figure 5. -- Typical snowmelt-runoff hydrograph.

usually occurred during the period from May to July at these elevations. Below 6,000 to 7,000 ft, streamflow records of the South Platte River and the Arkansas River basins generally revealed an annual snowmelt hydrograph of shorter duration that occurred earlier in the year. The amplitude of daily gage-height fluctuations during snowmelt runoff was less pronounced at these lower-elevation stations than at the higher-elevation stations.

Rainfall runoff from a convective storm or frontal system affects streamflow much more quickly than does meltwater from the snowpack. Therefore, discharge peaks produced by rainfall are less regular in occurrence than snowmelt-runoff peaks. In the foothills region of Colorado, intense precipitation from convective storms may produce flash floods with sudden increases in stage and discharge. This type of runoff is identified in streamflow charts by an abrupt rise in stage. Generally the streamflow peak lasts for only a few hours, and within a few days, the discharge diminishes to the prestorm level, as shown in figure 6. Runoff peaks of this type usually occur in late spring and summer when thunderstorm activity is greatest.

The rainfall hydrograph becomes complex when two or more precipitation events occur within a short span of time, as shown in figure 6, or when intermittent rain falling over several days results in a progressive increase in stage. Uncertainty of the type of streamflow peak was usually resolved by consulting precipitation and temperature records of nearby weather stations. This information is published monthly for the State of Colorado by the U.S. National Oceanic and Atmospheric Administration (1961-77).

Once peaks were determined for snowmelt runoff and rainfall runoff, the associated discharges were computed by conventional means from the applicable rating tables. When a snowmelt-runoff or rainfall-runoff peak was also determined to be the annual runoff peak, data were used from published U.S. Geological Survey Water Supply Papers or U.S. Geological Survey Water Resources Data for Colorado reports.

Unusual Situations

A discretionary classification of streamflow records was required when peak flows were caused by a combination of meteorologic factors. In a number of cases, a rainfall-runoff peak occurred at a time when streamfiow included snowmelt runoff. When the rainfall occurred early in the season during a period of large diurnal discharge, and if runoff contributed by rainfall was small relative to that of the total streamflow, as shown in figure 7, gage height A, the resulting runoff peak was classified a snowmelt-runoff peak. If the runoff contributed by rainfall was large relative to the total streamflow, the peak was classified as a rainfall-runoff peak, as shown in figure 7, gage height B.

In some cases, particularly at higher elevation stations, runoff from a rainfall event was a very small part of the total streamflow, but because it was the only rainfall runoff recorded for the year, it was classified as the annual rainfall-runoff peak.

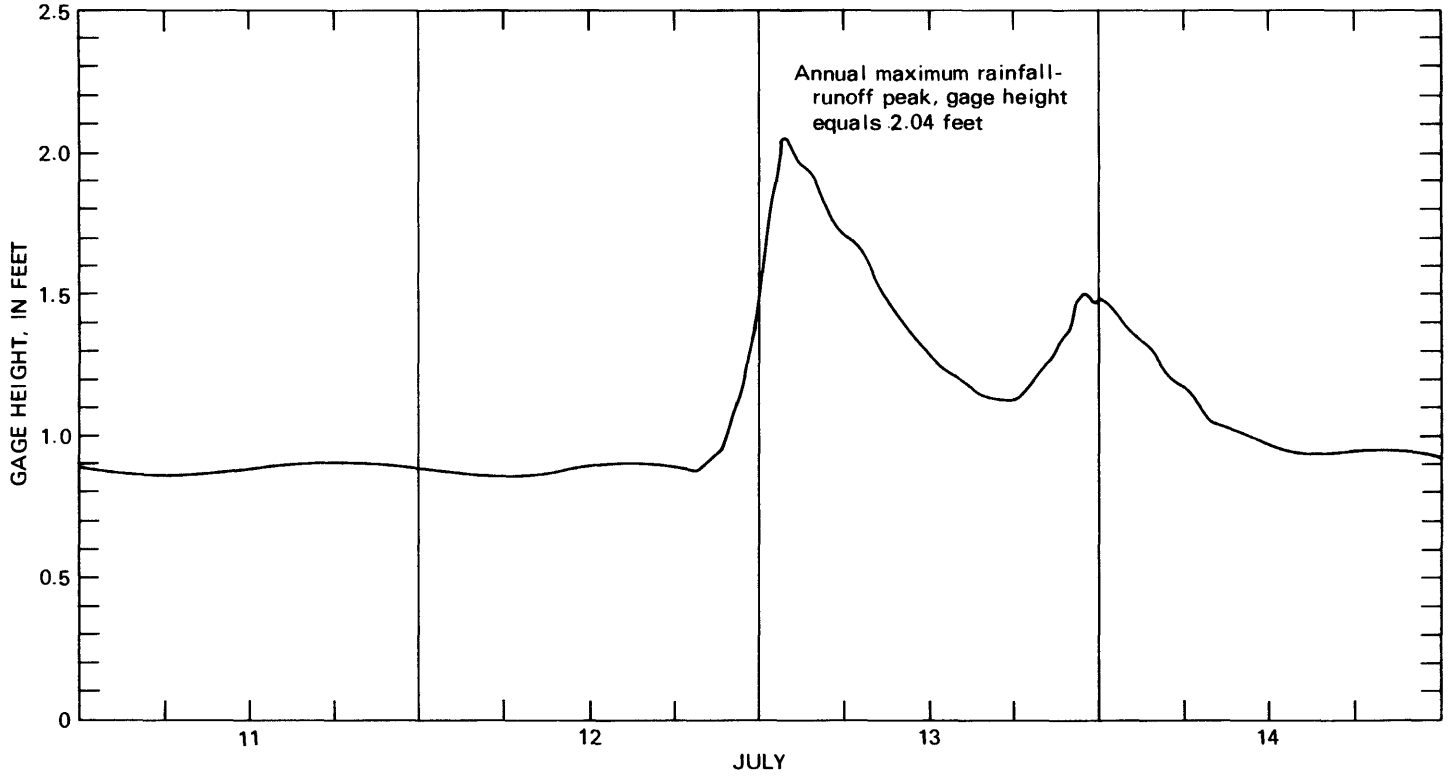

Figure 6. -- Typical rainfall-runoff hydrograph.

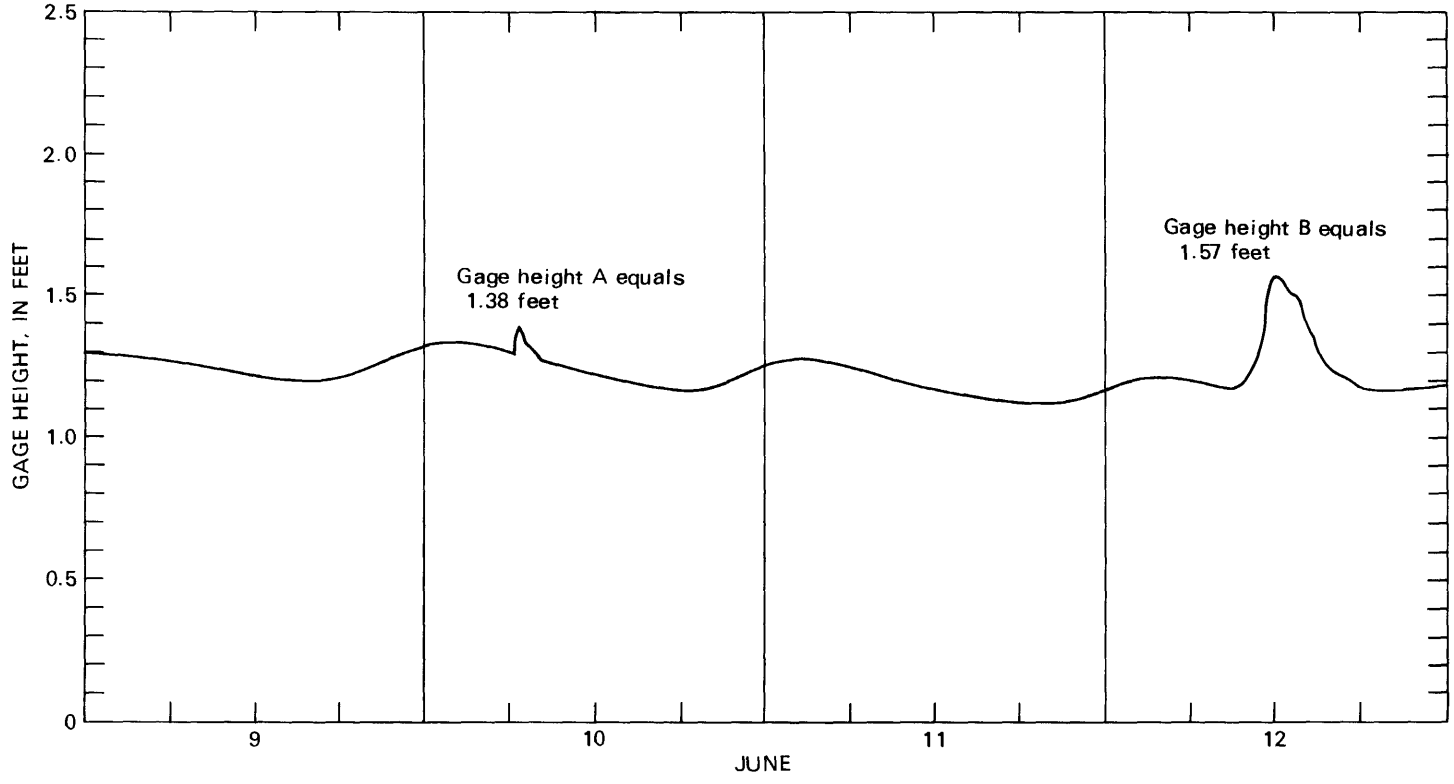

Figure 7. -- Superimposed rainfall-runoff and snowmelt-runoff hydrographs.

Only data from peaks that occurred during periods of natural flow are presented. No data are included for peaks affected by regulation, diversions, ice jams, or structural failures (see the section on Station Selection). Gage-height charts of very poor quality, mechanical failures of the recording equipment, human error, and the loss of records make the identification of runoff peaks impossible in some instances; as a result, there are some years for which no differentiated peaks are published. For example, in the section, Differentiated Peak-Flow Data, there are no listed snowmelt-runoff peaks for Tarryall Creek near Lake George for the years 1926, 1939, 1950, 1951, and 1953.

Data on rainfall-runoff peaks or snowmelt-runoff peaks are unavailable for some years for Cherry Creek, Fountain Creek, the St. Charles River, and the Purgatoire River. No peak flows attributable to rainfall or snowmelt could be identified during periods of low precipitation or when seepage into the channel or flow attenuation obscured runoff peaks in lower reaches where these stations are located.

Other Available Information

Additional records and data not published in this report are available from Federal and State governmental offices. Rating tables, mean daily flow values, baseflow discharges preceding differentiated rainfall-runoff peaks, and some differentiated flow data for overlapping rainfall-runoff and snowmelt-runoff peaks are available from the U.S. Geological Survey, Water Resources Division. Gage-height charts from streamflow-gaging stations operated by the U.S. Geological Survey are filed in the Federal Archives and Records Center, Denver Federal Center, Lakewood, Colo. Microfilm of streamflow charts from State-operated streamflow-gaging stations is available from the Colorado Department of Natural Resources, Division of Water Resources, Office of the State Engineer.

DATA FORMAT

Streamflow-Gaging Station Descriptions

Each streamflow-gaging station has been assigned an eight-digit identification number by the U.S. Geological Survey. The first two digits identify the major river basin; for example, "06" (Part 6) includes the Platte River basin, "07" (Part 7) includes the Arkansas River basin, and "09" (Part 9) includes the Colorado River basin. Assignment of station identification number is described in detail in the annual Water Data for Colorado reports published by the U.S. Geological Survey (1971-79).

Also included in the station description are: Gage location, drainage area above the gage site, gage datum, and historic peak data from sources other than continuous stage recorders. Occasionally, gages have been relocated, necessitating revision of gage location, drainage area, and datum. In all cases, the most current station description is published. Additional pertinent information is presented under the "Remarks" subheading.

Peak-Flow Data

Peak-flow data include: Water year, calendar date, peak discharge, and the corresponding gage height. For years where the record is complete, peaks are listed for snowmelt runoff and rainfall runoff. Except for instances discussed in the section on Unusual Situations (p. 11), either the snowmelt-runoff peak or the rainfall-runoff peak is also the annual peak. Differentiated peak-flow data are also stored in the U.S. Geological Survey's computer file.

REFERENCES

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DIFFERENTIATED PEAK-FLOW DATA

06699500 TARRYALL CREEK NEAR LAKE GEORGE, CO

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

DRAINAGE AREA.--434 mi² (1,124 km²).

GAGE DATUM.--8,250 ft (2,514.6 m).

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

MAXIMUM DISCHARGE.--1,030 ft³/s (29.2 m³/s) Apr. 21, 1948, gage height, 6.08 ft (1.85 m).

	RAIN PEAK			SNOW PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1925	AUG 28	318	3.30	JUN 01	109	2.06
1926	JUL 05	569	4.64	--	--	---
1927	AUG 10	415	3.82	APR 08	334	3.35
1928	JUL 20	274	3.00	JUN 04	376	3.60
1929	JUL 29	655	4.52	APR 03	124	2.00
1930	JUL 30	567	4.50	APR 08	401	3.62
1931	MAY 23	249	2.81	APR 13	217	2.58
1932	JUL 30	322	3.03	APR 11	76	1.86
1933	SEP 11	349	3.24	APR 28	109	1.93
1934	AUG 15	269	2.88	MAY 06	61	1.51
1935	JUL 31	643	5.20	JUN 15	81	1.72
1936	AUG 01	640	5.18	MAY 11	229	2.63
1937	JUN 27	480	4.11	APR 15	140	2.19
1938	SEP 14	383	3.51	APR 18	276	3.00
1939	JUN 01	330	3.22	--	--	---
1940	JUL 03	346	3.24	JUN 17	47	1.34
1941	JUN 05	417	3.96	MAY 15	118	2.39
1942	JUN 09	475	4.17	MAY 28	287	3.30
1943	JUN 30	131	2.35	APR 18	89	2.02
1944	JUL 04	239	3.00	JUN 13	113	2.27
1945	AUG 05	685	5.12	MAY 06	69	1.80
1946	JUL 29	212	2.89	APR 18	65	1.78
1947	JUN 23	721	5.30	MAY 30	237	3.03
1948	JUN 09	566	3.47	APR 21	1030	6.08
1949	JUN 12	618	4.45	APR 28	74	1.81
1950	JUL 10	601	4.37	--	--	---
1951	JUL 19	428	3.66	--	--	---
1952	JUL 30	228	2.75	JUN 11	236	2.69
1953	JUN 21	471	3.83	--	--	---
1954	MAY 25	142	2.25	MAY 06	32	1.49
1955	AUG 29	206	2.49	MAY 03	29	1.33

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

LOCATION.--Lat 39°12'32", long 105°18'11", in sec.2, T.10 S., R.71 W., Jefferson County, Hydrologic Unit 10190002, on right bank 1.0 mi (1.6 km) upstream from water line of Cheesman Lake at elevation 6,842 ft (2,085.4 m) and 1.7 mi (2.7 km) west of Cheesman Dam.

DRAINAGE AREA.--86.6 mi² (224 km²).

GAGE DATUM.--6,910 ft (2,106.2 m).

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

MAXIMUM DISCHARGE.--487 ft³/s (13.7 m³/s), June 9, 1957, gage height, 4.11 ft (1.25 m).

	RAIN PEAK			SNOW PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1925	SEP 07	110	2.26	APR 18	30	1.08
1926	JUL 06	128	2.43	MAY 27	366	3.73
1927	AUG 09	91	2.08	APR 28	95	2.12
1928	JUN 15	132	2.46	MAY 26	223	2.90
1929	AUG 10	174	2.80	MAY 15	127	2.42
1930	AUG 14	269	3.46	APR 22	97	2.14
1931	JUL 01	81	2.08	MAY 18	147	2.75
1932	JUL 29	161	2.70	APR 17	99	2.16
1933	SEP 09	201	2.99	MAY 22	355	4.00
1934	JUL 27	62	1.70	MAY 06	135	2.48
1935	JUN 13	168	2.75	MAY 25	162	2.70
1936	AUG 19	194	2.94	MAY 14	116	2.31
1937	JUN 26	126	2.40	APR 16	88	2.05
1938	SEP 03	213	2.95	MAY 29	217	2.98
1939	JUN 01	144	2.43	APR 29	150	2.48
1940	SEP 10	74	1.71	MAY 21	110	2.12
1941	JUN 25	101	2.02	MAY 14	304	3.57
1942	AUG 03	140	2.50	MAY 30	464	4.57
1943	JUN 30	79	1.78	MAY 11	106	2.08
1944	JUL 21	84	1.83	MAY 14	217	2.98
1945	AUG 08	331	3.74	MAY 08	125	2.25
1946	AUG 24	74	1.71	MAY 21	56	1.45
1947	AUG 04	153	2.51	MAY 05	242	3.15
1948	--	--	---	MAY 18	208	2.92
1949	JUN 14	435	4.39	MAY 16	196	2.83
1950	JUN 05	56	1.46	MAY 30	62	1.54
1951	AUG 03	77	1.75	MAY 23	104	2.05
1952	JUL 29	78	1.76	JUN 04	227	3.05
1953	AUG 03	170	2.64	MAY 22	145	2.44
1954	JUL 19	58	1.48	MAY 12	57	1.47
1955	AUG 05	91	1.91	MAY 25	131	2.32
1956	AUG 01	62	1.63	APR 27	87	1.95
1957	AUG 06	239	2.92	JUN 09	487	4.11
1958	JUN 06	203	2.71	MAY 23	246	2.96
1959	AUG 03	45	1.45	MAY 01	133	2.25
1960	JUL 13	61	1.65	MAY 22	199	2.63
1961	JUL 28	160	2.44	MAY 12	140	2.25
1962	JUL 24	52	1.45	MAY 10	190	2.58
1963	SEP 21	60	1.52	--	--	---
1964	AUG 08	92	1.97	MAY 27	136	2.27
1965	JUN 12	280	2.90	MAY 24	190	2.49
1966	AUG 03	86	1.88	APR 26	65	1.75
1967	AUG 30	117	2.10	MAY 28	37	1.33
1968	AUG 10	93	1.87	MAY 22	72	1.84
1969	JUN 19	448	3.45	MAY 21	397	3.28
1970	AUG 08	111	1.97	--	--	---
1971	JUL 20	134	2.12	MAY 04	102	1.96
1972	SEP 02	67	1.60	MAY 09	86	1.84
1973	JUL 13	163	2.36	MAY 22	452	3.96
1974	JUL 18	99	1.82	MAY 09	194	2.48
1975	JUL 22	93	1.66	JUN 14	249	2.63
1976	AUG 03	174	2.32	MAY 22	110	1.85
1977	SEP 02	94	1.73	MAY 03	110	1.89

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

LOCATION.--Lat 39°27'26", long 105°39'29", in NW¼ sec.10, T.7 S., R.74 W., Park County, Hydrologic Unit 10190002, on left bank at Grant, 1,550 ft (470 m) downstream from Geneva Creek, and 1.3 mi (2.1 km) downstream from east portal of Harold D. Roberts tunnel.

DRAINAGE AREA.--127 mi² (329 km²).

GAGE DATUM.--8,561 ft (2,609.4 m).

REMARKS.--Small diversions above station for irrigation of about 200 acres (809,400 m²). Transmountain diversions from Colorado River Basin to North Fork South Platte River above station through Harold D. Roberts Tunnel since October 1963.

MAXIMUM DISCHARGE.--990 ft³/s (28.0 m³/s), June 7, 8, 1912, gage height, 3.30 ft (1.01 m).

	RAIN PEAK			SNOW PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1949	JUL 18	270	3.54	JUN 13	754	4.27
1950	JUL 18	148	3.20	JUN 17	464	3.88
1951	JUL 29	318	3.67	JUN 19	563	4.18
1952	JUL 28	142	3.15	JUN 10	788	4.37
1953	JUL 11	209	3.36	JUN 13	496	3.97
1954	JUL 19	93	2.29	MAY 22	155	3.17
1955	AUG 03	236	3.41	JUN 08	206	3.34
1956	JUN 30	231	3.36	JUN 01	458	3.88
1957	JUL 19	540	4.07	--	--	---
1958	AUG 18	73	2.83	MAY 21	599	4.15
1959	AUG 07	130	3.08	JUN 16	370	3.70
1960	JUL 06	223	3.48	JUN 17	418	3.87
1961	JUL 31	250	3.60	MAY 27	215	3.48
1962	JUL 23	113	3.10	MAY 10	390	3.91
1963	JUN 16	142	3.22	MAY 06	91	3.00

06707000 NORTH FORK SOUTH PLATTE RIVER AT SOUTH PLATTE, CO

LOCATION.--Lat 39°24'32", long 105°10'31", in SW¼ sec.25, T.7 S., R.70 W., Jefferson County, Hydrologic Unit 10190002, on left bank 0.2 mi (0.3 km) west of South Platte and 0.3 mi (0.5 km) upstream from mouth.

DRAINAGE AREA.--479 mi² (1,241 km²).

GAGE DATUM.--6,091 ft (1,856.5 m).

REMARKS.--Small diversions above station for irrigation of about 2,000 acres (8.09 km²). Transmountain diversions from Colorado River Basin to North Fork South Platte River above station through Harold D. Roberts Tunnel since October 1963.

MAXIMUM DISCHARGE.--2,050 ft³/s (58.1 m³/s) June 13, 1949, gage height, 6.30 ft (1.92 m).

	RAIN PEAK			SNOW PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1925	JUN 21	341	2.87	MAY 31	181	2.28
1926	OCT 06	255	2.68	JUN 07	1520	5.02
1927	JUN 15	431	3.06	MAY 18	459	3.14
1928	JUL 19	473	3.12	MAY 30	964	4.14
1929	AUG 07	857	4.04	JUN 02	413	3.02
1930	AUG 14	700	3.74	MAY 31	670	3.65
1931	JUL 01	490	3.20	MAY 27	740	3.90
1932	JUL 13	434	3.10	MAY 23	518	3.35
1933	SEP 09	1490	6.18	JUN 02	1330	5.85
1934	AUG 06	262	3.10	MAY 10	335	3.38
1935	AUG 17	700	4.14	JUN 13	833	4.47
1936	AUG 12	1620	5.76	MAY 17	673	4.24
1937	JUN 27	715	4.08	MAY 16	410	3.40
1938	SEP 03	790	4.11	JUN 03	1050	4.74
1939	JUL 31	253	2.77	JUN 01	543	3.57
1940	SEP 03	193	2.72	JUN 01	232	2.85
1941	AUG 12	472	3.49	MAY 14	1030	4.63
1942	JUL 14	404	3.39	MAY 27	1370	5.51
1943	JUL 22	550	3.70	MAY 30	571	3.60
1944	SEP 27	146	2.42	JUN 10	1040	4.25
1945	AUG 21	1360	4.66	MAY 31	356	3.13
1946	JUN 19	350	2.93	JUN 07	329	2.88
1947	JUL 16	696	3.99	JUN 21	1000	4.76
1948	AUG 05	226	2.55	MAY 23	1040	4.78
1949	JUL 08	972	4.22	JUN 13	2050	6.30
1950	JUL 06	194	2.31	JUN 17	508	3.34
1951	JUL 10	451	3.02	JUN 21	786	3.71
1952	--	--	---	JUN 07	1390	4.44
1953	AUG 02	435	3.10	MAY 29	679	3.54
1954	JUL 20	324	2.80	MAY 23	236	2.50
1955	AUG 07	561	3.38	MAY 24	320	2.80
1956	JUL 01	340	2.80	JUN 01	556	3.40
1957	JUL 20	724	3.69	JUN 08	1230	4.43
1958	JUN 06	772	3.71	MAY 25	885	3.87
1959	AUG 05	224	2.60	JUN 21	444	3.13
1960	JUL 13	276	2.73	JUN 18	480	3.16
1961	SEP 07	439	3.12	MAY 30	372	2.98
1962	JUN 29	575	3.41	MAY 10	631	3.52
1963	JUN 16	224	2.62	MAY 31	95	2.18

06709500 PLUM CREEK NEAR LOUVIERS, CO

LOCATION.--Lat 39°29'04", long 105°00'07", in SE¼ sec.33, T.6 S., R.68 W., Douglas County, Hydrologic Unit 10190002, on downstream side of bridge on county road from U.S. Highway 85 to Louviers, 0.8 mi (1.3 km) northeast of Louviers, 1.2 mi (1.9 km) downstream from Indian Creek, and 7.5 mi (12.1 km) upstream from mouth.

DRAINAGE AREA.--302 mi² (782 km²).

GAGE DATUM.--5,585 ft (1,702.3 m).

REMARKS.--Diversions above station for irrigation.

MAXIMUM DISCHARGE.--154,000 ft³/s (4,361.3 m³/s) June 16, 1965, gage height, 22.4 ft (6.83 m).

	RAIN PEAK			SNOW PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1948	JUN 18	276	1.76	MAR 14	519	2.65
1949	JUN 13	948	2.73	APR 22	32	1.07
1950	APR 16	44	1.38	MAR 14	13	1.17
1951	JUL 30	222	2.02	APR 30	21	1.28
1952	MAY 27	255	1.71	MAR 29	25	1.29
1953	JUL 29	2700	4.41	MAR 25	11	0.87
1954	JUL 21	3800	5.07	--	--	---
1955	MAY 20	405	3.19	MAR 01	7.0	1.68
1956	AUG 01	1940	4.75	MAR 26	21	2.63
1957	JUL 13	800	4.63	APR 08	36	3.60
1958	MAY 09	215	3.84	APR 19	28	3.47
1959	MAY 21	98	3.68	APR 28	300	4.09
1960	JUN 11	226	3.79	MAR 24	1120	4.99
1961	AUG 02	1720	5.35	APR 13	60	3.30
1962	JUN 07	31	2.92	APR 22	215	3.38
1963	SEP 19	290	3.73	APR 30	11	2.77
1964	--	--	---	MAR 18	290	3.81
1965	JUN 16	154000	22.40	MAR 27	65	3.92
1966	JUL 19	2150	3.52	FEB 13	430	2.99
1967	JUL 07	610	3.40	APR 14	111	3.30
1968	MAY 06	111	1.91	MAY 11	137	2.16
1969	MAY 08	4430	4.90	APR 16	54	1.46
1970	JUN 11	122	2.67	APR 29	246	2.78
1971	MAY 15	236	2.84	APR 04	66	2.75
1972	JUN 16	232	3.04	APR 26	127	2.81
1973	MAY 06	3900	5.75	APR 15	352	2.99
1974	JUL 12	71	3.77	APR 27	715	3.66

06710500 BEAR CREEK AT MORRISON, CO

LOCATION.--Lat 39°39'11", long 105°11'43", in SE¼SW¼ sec.35, T.4 S., R.70 W., Jefferson County, Hydrologic Unit 10190002, on left bank at Morrison, 180 ft (55 m) upstream from bridge on State Highway 8 and 0.2 mi (0.3 km) upstream from Mount Vernon Creek.

DRAINAGE AREA.--164 mi² (425 km²).

GAGE DATUM.--5,780 ft (1,761.7 m).

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

MAXIMUM DISCHARGE.--8,600 ft³/s (243.6 m³/s), estimated, July 24, 1896.

	RAIN PEAK			SNOW PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1896	JUL 24	8600	---	--	--	---
1897	AUG 04	1180	6.10	--	--	---
1922	JUN 25	350	2.60	MAY 25	120	1.70
1923	AUG 16	1070	3.95	JUN 09	525	2.96
1924	SEP 11	70	1.65	JUN 05	482	2.85
1925	AUG 30	590	3.08	JUN 21	78	1.69
1926	JUL 10	321	2.47	APR 21	588	2.74
1927	AUG 14	390	3.10	MAY 08	122	2.10
1928	JUL 24	133	2.25	MAY 17	305	2.67
1929	JUL 22	1560	4.60	MAY 16	118	2.11
1930	AUG 04	741	3.55	MAY 31	115	2.00
1931	JUL 31	86	1.91	JUN 03	270	2.48
1932	JUN 27	302	2.48	MAY 23	97	1.85
1933	JUL 07	8110	---	MAY 22	463	2.98
1934	AUG 09	4620	7.09	MAY 13	124	1.50
1935	JUL 12	1060	2.17	JUN 11	642	2.01
1936	AUG 12	745	2.50	JUN 11	315	2.12
1937	AUG 30	392	1.98	JUN 26	377	1.98
1938	SEP 02	6200	9.20	MAY 30	448	2.20
1939	OCT 01	295	3.49	APR 29	134	3.00
1940	AUG 25	615	3.65	JUN 04	72	2.73
1941	JUN 21	2500	6.28	MAY 13	384	3.59
1942	APR 19	1850	5.80	APR 28	765	5.18
1943	JUL 08	201	4.24	JUN 30	244	4.32
1944	AUG 24	59	3.81	MAY 15	542	4.57
1945	AUG 20	375	4.58	MAY 29	103	3.98
1946	AUG 24	152	4.20	MAY 22	64	3.80
1947	AUG 12	132	4.05	JUN 22	386	4.71
1948	OCT 15	343	4.44	APR 30	398	4.40
1949	JUN 06	1250	5.22	JUN 18	726	4.54
1950	JUN 16	264	3.63	JUN 07	79	2.92
1951	AUG 03	238	3.15	JUN 18	210	3.00
1952	AUG 21	74	2.50	MAY 23	455	3.58
1953	JUL 31	444	3.56	MAY 29	203	3.02
1954	JUL 21	445	3.58	MAY 23	44	2.30
1955	AUG 10	1700	5.34	MAY 19	60	2.51
1956	JUL 31	137	3.08	MAY 23	348	3.73
1957	AUG 21	1640	5.63	MAY 19	807	4.36
1958	JUL 18	154	4.10	MAY 16	421	4.55
1959	AUG 22	119	3.98	JUN 23	147	4.21
1960	JUL 14	104	4.05	MAY 09	208	4.56
1961	AUG 03	252	4.26	MAY 21	238	4.25
1962	JUN 29	122	4.01	MAY 07	152	4.13
1963	JUN 16	200	5.00	APR 10	26	3.35
1964	AUG 07	286	5.17	JUN 03	107	4.63
1965	JUL 25	1030	6.45	JUN 05	476	5.55
1966	AUG 04	82	3.86	MAY 10	64	3.77
1967	JUL 18	155	4.28	JUN 05	124	4.16
1968	AUG 10	89	3.99	JUN 02	131	4.19
1969	MAY 07	2340	7.65	JUN 18	567	6.06
1970	AUG 05	608	6.27	JUN 11	554	6.26
1971	JUL 22	148	5.25	MAY 30	174	5.40
1972	AUG 03	227	5.52	JUN 06	154	5.42
1973	MAY 06	1480	7.30	MAY 22	881	6.60
1974	JUL 22	67	5.09	MAY 10	171	5.73
1975	JUL 16	150	5.70	JUN 14	250	6.12
1976	AUG 03	139	5.56	MAY 29	90	5.25
1977	JUN 06	89	5.26	MAY 01	136	5.57

06711000 TURKEY CREEK NEAR MORRISION, CO

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

DRAINAGE AREA.--50.1 mi² (130 km²).

GAGE DATUM.--5,718 ft (1,742.8 m).

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

MAXIMUM DISCHARGE.--2,730 ft³/s (77.3 m³/s) May 7, 1969, gage height, not available.

	RAIN PEAK			SNOW PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1943	OCT 15	18	1.24	--	--	---
1944	MAY 06	175	2.46	--	--	---
1945	JUN 08	18	1.30	--	--	---
1946	AUG 24	1200	5.79	--	--	---
1947	JUN 22	126	2.17	MAR 18	55	1.95
1948	OCT 15	106	2.09	APR 28	215	2.44
1949	JUN 06	384	3.08	--	--	---
1950	JUN 18	110	1.99	MAR 10	4.2	0.96
1951	MAY 22	47	1.65	MAR 18	3.8	0.95
1952	MAY 24	185	2.32	MAR 29	5.4	0.98
1953	JUL 17	149	2.17	--	--	---
1969	MAY 07	2730	---	--	--	---

06712000 CHERRY CREEK NEAR FRANKTOWN, CO

LOCATION.--Lat 39°21'21", long 104°45'46", in NE¼ sec.15, T.8 S., R.66 W., Douglas County, Hydrologic Unit 10190003, on right bank 1.5 mi (2.4 km) upstream from Russellville Gulch and 2.5 mi (4.0 km) south of Franktown.

DRAINAGE AREA.--169 mi² (438 km²).

GAGE DATUM.--6,170 ft (1,880.6 m).

REMARKS.--Many small diversions above station for irrigation of about 800 acres (3.24 km²).

MAXIMUM DISCHARGE.--9,170 ft³/s (259.7 m³/s) Aug. 5, 1945, gage height, 4.91 ft (1.50 m).

	RAIN PEAK			SNOW PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1940	JUN 06	2000	2.60	MAR 01	302	1.49
1941	JUL 13	4700	3.08	MAR 26	18	1.06
1942	--	--	---	MAR 13	3620	2.91
1943	JUN 28	198	1.85	MAR 10	35	1.21
1944	JUL 12	390	2.14	APR 12	196	1.69
1945	AUG 05	9170	4.91	APR 19	45	1.04
1946	AUG 24	1470	4.75	FEB 24	32	2.85
1947	AUG 14	308	3.13	MAR 18	928	3.55
1948	AUG 08	140	1.56	MAR 23	1220	2.93
1949	JUN 13	1080	2.78	FEB 27	46	1.30
1950	JUL 27	146	1.90	FEB 15	58	1.51
1951	AUG 03	81	1.91	FEB 18	31	1.64
1952	AUG 28	1350	3.44	APR 22	52	1.93
1953	AUG 16	455	2.75	MAR 15	20	1.81
1954	AUG 07	2620	7.23	MAR 17	10	2.71
1955	AUG 05	790	5.70	APR 15	30	3.06
1956	JUL 31	3380	7.63	MAR 15	9.0	2.64
1957	JUL 30	5380	9.66	APR 15	52	3.38
1958	MAY 08	82	3.75	FEB 18	152	4.23
1959	JUN 21	49	3.45	FEB 16	156	3.97
1960	JUL 13	104	3.75	MAR 24	2340	7.62
1961	JUL 31	3410	8.84	MAR 02	72	3.58
1962	MAY 18	43	3.37	MAR 07	68	3.64
1963	AUG 25	815	6.02	MAR 08	17	2.96
1964	JUN 14	328	4.44	MAR 30	400	4.49
1965	AUG 21	1730	7.34	MAR 27	147	3.95
1966	JUL 18	2250	8.00	MAR 09	29	3.17
1967	JUL 03	492	5.19	APR 18	60	3.44
1968	AUG 11	149	3.98	APR 05	13	2.86
1969	MAY 07	192	4.57	MAR 28	8.7	2.69
1970	AUG 20	198	4.31	APR 05	21	3.07
1971	MAY 14	82	3.47	MAR 13	216	4.18
1972	JUN 05	1920	7.54	APR 29	75	3.50
1973	MAY 06	4670	9.61	APR 14	513	5.28
1974	JUN 16	115	3.77	MAR 08	568	5.45

06712500 CHERRY CREEK NEAR MELVIN, CO

LOCATION.--Lat 39°35'42", long 104°48'44", in SE¼SE¼ sec.19, T.5 S., R.66 W., Arapahoe County, near right bank on downstream side of Arapahoe Road bridge, 0.9 mi (1.4 km) upstream from Cherry Creek Dam, and 6.0 mi (9.7 km) northwest of Parker.

DRAINAGE AREA.--336 mi² (870 km²).

GAGE DATUM.--5,630 ft (1,716.0 m).

REMARKS.--Diversions above station for irrigation of about 1,800 acres (7.3 km²). Ground-water withdrawals for irrigation and municipal use show a significant effect on natural flow of stream beginning in 1949. No discernable snowmelt peak during water years: 1954, 1955, 1956, 1963, 1969.

MAXIMUM DISCHARGE.--39,900 ft³/s (1,130.0 m³/s) June 16, 1965, gage height, 13.00 ft (3.96 m).

	RAIN PEAK			SNOW PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1940	SEP 06	4500	4.40	MAR 23	106	2.09
1941	JUL 14	2390	4.05	MAR 29	66	1.88
1942	AUG 03	2220	4.03	MAR 13	1500	3.61
1943	AUG 04	3580	4.70	MAR 08	50	2.16
1944	JUL 09	1380	3.53	APR 13	230	2.56
1945	AUG 05	10700	6.50	APR 15	136	2.62
1946	JUL 18	17600	7.45	MAR 07	26	1.91
1947	JUL 16	968	3.24	MAR 18	1790	3.30
1948	MAY 30	3760	4.77	MAR 24	1450	3.52
1949	JUN 13	1420	3.64	MAR 30	75	2.42
1950	JUL 25	1450	3.35	MAR 04	21	2.57
1951	AUG 22	1040	3.34	MAR 29	41	2.50
1952	AUG 29	321	2.60	APR 22	312	2.68
1953	AUG 27	1670	3.82	--	--	---
1954	AUG 13	611	3.20	--	--	---
1955	AUG 05	4510	6.00	--	--	---
1956	JUL 31	5310	6.45	--	--	---
1957	JUL 26	9950	5.90	APR 11	55	0.84
1958	JUL 18	5290	4.97	MAR 14	420	2.71
1959	MAY 05	107	2.41	MAR 22	558	2.53
1960	JUL 03	524	2.68	MAR 24	2720	4.00
1961	JUL 31	5600	4.76	--	--	---
1962	--	--	---	MAR 16	72	3.11
1963	AUG 03	10800	7.30	--	--	---
1964	AUG 04	850	3.30	MAR 31	910	3.16
1965	JUN 16	39900	13.00	MAR 30	96	2.92
1966	JUL 22	638	1.42	MAR 02	72	0.68
1967	JUL 11	1850	2.30	APR 14	169	1.05
1968	AUG 28	41	1.24	JAN 21	142	1.25
1969	AUG 21	3200	3.35	--	--	---

06716500 CLEAR CREEK NEAR LAWSON, CO

LOCATION.--Lat 39°45'57", long 105°37'32", in NW¼NW¼ sec.25, T.3 S., R.74 W., Clear Creek County, Hydrologic Unit 10190004, on left bank at east edge of Lawson, 30 ft (9 m) downstream from private bridge, and 2.0 mi (3.2 km) downstream from West Fork Clear Creek.

DRAINAGE AREA.--147 mi² (381 km²).

GAGE DATUM.--8,080 ft (2,462.8 m).

REMARKS.--Natural flow affected by minor transmountain diversion from Colorado River Basin through Berthoud Pass ditch. No diversion above station. Prior to October 1957, natural flow of stream affected by transmountain diversions from Colorado River Basin through August P. Gumlick Tunnel (formerly Jones Pass tunnel).

MAXIMUM DISCHARGE.--2,240 ft³/s (63.4 m³/s) June 17, 1965, gage height, 6.14 ft (1.87 m).

	RAIN PEAK			SNOW PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1946	JUL 15	648	4.56	JUN 12	880	4.67
1947	AUG 11	522	4.46	JUN 20	1360	5.28
1948	JUL 05	437	4.51	JUN 02	885	5.15
1949	JUL 07	968	5.26	JUN 19	1180	5.39
1950	AUG 26	105	3.09	JUN 16	1100	5.19
1951	JUL 28	562	4.73	JUN 21	1390	5.44
1952	JUL 26	450	4.40	--	--	---
1953	JUL 11	636	4.72	JUN 13	1480	5.45
1954	JUN 26	269	4.06	--	--	---
1955	JUL 26	318	4.14	--	--	---
1956	AUG 01	248	3.75	JUN 08	1100	5.21
1957	JUL 13	1290	5.20	JUN 29	1910	5.72
1958	JUL 18	162	3.19	MAY 28	1310	5.30
1959	JUL 31	303	3.68	JUN 15	1070	5.03
1960	JUL 31	289	3.64	JUN 19	1060	5.10
1961	AUG 01	520	4.19	JUN 20	718	4.72
1962	JUL 12	608	4.43	JUN 21	965	4.98
1963	JUL 09	248	3.50	JUN 16	370	3.87
1964	JUL 31	237	3.42	JUN 17	549	4.28
1965	JUL 23	1500	5.65	JUN 17	2240	6.14
1966	JUL 19	238	3.70	JUN 02	319	3.94
1967	JUL 23	266	3.76	JUN 24	772	4.76
1968	AUG 10	306	3.83	JUN 20	822	5.22
1969	AUG 21	272	3.96	MAY 30	1010	5.79
1970	AUG 03	268	4.00	JUN 25	1130	5.88
1971	JUL 19	562	4.63	JUN 21	1260	6.16
1972	AUG 17	156	3.31	JUN 06	1070	5.72
1973	JUL 14	614	4.79	JUN 13	1250	6.05
1974	JUL 21	461	4.46	JUN 22	1010	5.37
1975	SEP 10	164	3.33	JUL 08	1020	5.69
1976	AUG 02	345	4.13	JUN 10	646	4.97
1977	JUL 19	162	3.33	JUN 08	610	4.81

06719500 CLEAR CREEK NEAR GOLDEN, CO

LOCATION.--Lat 39°45'02", long 105°14'54", in NE¼ sec.32, T.3 S., R.70 W., Jefferson County, on left bank 0.2 mi (0.3 km) upstream from headgate of Church ditch, 0.7 mi (1.1 km) downstream from headgate of Welch ditch, 1.0 mi (1.6 km) west of Golden, and 12.5 mi (20.1 km) downstream from North Clear Creek.

DRAINAGE AREA.--399 mi² (1,033 km²).

GAGE DATUM.--5,735 ft (1,748.0 m).

REMARKS.--Natural flow of stream affected by minor transmountain diversion from Colorado River Basin through Berthoud Pass ditch and several small reservoirs above station. Diversion 0.7 mi (1.1 km) above station by Welch ditch for irrigation of about 1,000 acres (4.05 km²) below station. Natural flow of stream affected by diversions through August P. Gumlick Tunnel (formerly Jones Pass tunnel) during water year 1940-57.

MAXIMUM DISCHARGE.--5,890 ft³/s (166.8 m³/s) Sept. 9, 1933, gage height, 11.57 ft (3.53 m).

WATER YEAR	RAIN PEAK DATE	RAIN PEAK DISCHARGE (FT³/S)	RAIN PEAK GAGE HEIGHT(FT)	SNOW PEAK DATE	SNOW PEAK DISCHARGE (FT³/S)	SNOW PEAK GAGE HEIGHT(FT)
1911	JUL 03	1820	4.41	JUN 09	1020	3.50
1912	JUL 21	1520	3.95	JUN 30	3200	5.50
1913	JUL 18	1060	3.47	MAY 27	1120	3.54
1914	JUL 30	1730	4.33	JUN 01	2900	5.40
1915	SEP 03	422	2.40	JUN 23	1520	4.40
1916	JUL 30	670	2.91	JUN 18	872	3.30
1917	JUL 21	1040	3.75	JUN 18	1670	4.80
1918	AUG 04	341	2.26	JUN 14	2090	5.40
1920	AUG 01	1390	2.95	JUN 08	1340	2.90
1921	JUL 31	4420	5.10	JUN 13	3020	4.36
1922	AUG 05	887	2.64	JUN 13	1170	2.90
1923	--	--	---	JUN 16	2110	3.70
1924	JUL 18	970	3.60	JUN 13	2450	4.90
1925	JUL 21	542	3.06	JUN 21	720	3.30
1926	AUG 10	522	3.40	JUN 07	2100	4.70
1927	AUG 14	943	3.98	JUN 29	1080	4.13
1928	AUG 01	552	3.48	MAY 30	1560	4.66
1929	AUG 05	1280	4.37	JUN 09	833	3.87
1930	JUL 30	702	3.70	JUN 13	1280	4.35
1931	JUL 01	732	4.04	JUN 08	1310	4.78
1932	JUL 30	458	3.60	JUN 26	863	4.29
1933	SEP 09	5890	11.57	JUN 12	1650	5.87
1934	AUG 09	2160	3.20	MAY 30	1380	2.84
1935	AUG 03	4900	4.83	JUN 12	2410	2.80
1936	JUL 11	1500	2.60	MAY 31	1840	2.76
1937	JUL 12	1690	2.70	JUN 26	1750	2.72
1938	SEP 02	4090	4.57	JUN 06	3120	3.82
1939	AUG 29	166	1.11	JUN 01	927	2.18
1940	JUL 28	1110	2.34	JUN 05	870	2.26
1941	JUN 22	5140	4.68	JUN 25	1480	2.60
1942	AUG 03	525	2.70	JUN 18	1220	4.02
1943	JUL 08	840	4.55	JUN 29	1040	4.85
1944	AUG 24	872	4.41	JUN 02	1260	5.03
1945	AUG 02	1200	5.00	JUN 25	1130	4.84
1946	JUL 15e	1010	4.67	JUN 11	958	4.58
1947	AUG 12	742	4.21	JUN 26	1900	5.20
1948	JUL 29	330	3.50	JUN 07	1900	5.20
1949	JUL 07	1950	5.81	JUN 19	3190	6.13
1950	JUL 28	457	4.58	JUN 16	1560	5.63
1951	AUG 03	707	4.96	JUN 21	2020	5.83
1952	AUG 11	418	4.92	--	--	---
1953	JUL 11	805	5.30	JUN 14	1900	6.04
1954	AUG 06	179	4.29	MAY 21	526	5.06
1955	AUG 10	1280	5.73	JUN 23	860	5.38
1956	AUG 18	410	4.80	JUN 13	1180	5.45
1957	JUL 17	2160	5.38	JUN 30	2840	5.94
1958	JUL 18	1600	4.97	MAY 28	2040	5.34
1959	AUG 19	430	3.78	JUN 16	1410	4.99
1960	AUG 01	425	3.80	JUN 17	1580	5.12
1961	JUL 27	1230	4.81	JUN 10	1110	4.73
1962	JUL 13	726	4.37	JUN 22	1110	4.76
1963	AUG 26	248	3.42	JUN 16	670	4.30
1964	AUG 07	506	4.05	JUN 11	786	4.44
1965	JUL 24	3510	6.55	JUN 18	2290	5.51
1966	JUL 19	415	4.38	JUN 20	400	4.30
1967	JUL 25	390	4.45	JUN 21	950	5.10
1968	AUG 03	439	4.54	JUN 21	1240	5.24
1969	MAY 07	1500	5.43	MAY 31	1860	5.55
1970	JUL 24	658	4.38	JUN 26	1790	5.32
1971	SEP 08	285	3.36	JUN 22	1730	5.33
1972	AUG 17	197	3.03	JUN 05	1910	5.40
1973	SEP 09	2130	5.62	JUN 14	2210	5.55
1974	JUL 22	678	4.08	JUN 19	1360	4.89

06722000 NORTH ST. VRAIN CREEK AT LONGMONT DAM, NEAR LYONS, CO

LOCATION.--Lat 40°13'30", long 105°21'00", in NE¼SW¼ sec.16, T.3 N., R.71 W., Boulder County, Hydrologic Unit 10190005, on right bank 0.7 mi (1.1 km) upstream from Longmont Dam and 4.2 mi (6.8 km) west of Lyons.

DRAINAGE AREA.--106 mi² (275 km²).

GAGE DATUM.--6,050 ft (1,844.0 m).

REMARKS.--Diversions above station for irrigation of about 300 acres (1.21 km²). Flow partly regulated by small reservoirs above station.

MAXIMUM DISCHARGE.--1,630 ft³/s (46.2 m³/s) June 22, 1941, gage height, 6.09 ft (1.86 m).

	RAIN PEAK			SNOW PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1926	AUG 06	256	1.86	JUN 07	698	2.70
1927	JUL 29	332	2.02	JUN 29	426	2.25
1928	JUN 29	516	2.42	MAY 30	783	2.93
1929	JUL 14	502	2.37	JUN 08	412	2.22
1930	AUG 15	486	2.50	JUN 22	334	2.00
1931	JUN 05	835	2.90	JUN 07	780	2.80
1932	JUL 17	221	1.69	JUN 28	435	2.38
1933	JUL 07	366	2.07	JUN 20	744	2.77
1934	JUL 04	142	1.40	MAY 31	410	2.10
1935	SEP 06	930	3.40	JUN 15	785	3.14
1936	JUN 25	558	2.60	JUN 01	598	2.72
1937	JUL 07	398	3.20	JUN 26	713	3.86
1938	SEP 02	972	4.34	JUN 22	738	3.91
1939	AUG 30	258	2.88	JUN 06	356	3.10
1940	JUL 18	288	2.94	JUN 21	319	3.04
1941	JUN 22	1630	6.09	JUN 24	478	3.97
1942	AUG 02	137	2.89	JUN 12	690	4.56
1943	JUN 02	681	4.50	JUN 23	636	4.40
1944	JUL 18	162	3.04	MAY 15	514	4.08
1945	AUG 06	449	3.75	JUN 24	713	4.42
1946	JUL 07	305	3.50	JUN 18	470	3.95
1947	JUN 17	1250	5.58	JUN 20	851	4.90
1948	JUN 10	613	4.42	JUN 03	505	4.15
1949	JUN 04	1540	5.88	JUN 18	774	4.61
1950	SEP 08	182	3.08	JUN 18	526	4.14
1952	JUL 26	114	2.67	JUN 07	705	4.55
1953	JUL 11	275	3.42	JUN 13	662	4.39

06722500 SOUTH ST. VRAIN CREEK NEAR WARD, CO

LOCATION--Lat 40°05'27", long 105°30'50", in NE¼SW¼ sec.36, T.2 N., R.73 W., Boulder County, on left bank at downstream side of bridge, 1.3 mi (2.1 km) north of Ward, and 3.5 mi (5.6 km) downstream from Brainard Lake.

DRAINAGE AREA.--14.4 mi^2 (37.3 km^2).

GAGE DATUM.--9,372 ft (2,856.6 m).

REMARKS.--No diversion above station. Slight regulation by several small lakes above station.

MAXIMUM DISCHARGE.--462 ft^3/s (13.1 m^3/s) June 29, 1957, gage height, 4.06 ft (1.24 m).

	RAIN PEAK			SNOW PEAK		
WATER YEAR	DATE	DISCHARGE (FT^3/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT^3/S)	GAGE HEIGHT(FT)
1926	JUL 04	212	2.11	JUN 07	313	2.50
1927	AUG 09	92	1.38	JUN 29	225	2.02
1929	JUL 14	214	2.07	JUN 08	231	2.62
1930	--	--	---	JUN 12	176	2.17
1931	JUL 31	70	1.43	JUN 07	195	2.27
1955	JUL 25	110	3.59	JUN 23	148	3.77
1956	JUL 31	67	3.33	JUN 02	220	3.89
1957	JUL 15	64	3.20	JUN 29	462	4.06
1958	JUN 25	135	3.46	JUN 07	278	3.75
1959	JUL 16	117	3.36	JUN 14	252	3.70
1960	AUG 01	61	3.17	JUN 15	221	3.62
1961	JUL 21	67	3.36	JUN 21	240	3.83
1962	AUG 19	32	3.41	JUL 01	282	3.83
1963	AUG 05	59	3.38	JUN 16	228	3.68
1964	JUL 14	103	3.43	JUN 28	165	3.59
1965	JUN 17	372	3.90	JUL 02	218	3.68
1966	AUG 05	46	3.04	JUN 21	81	3.26
1967	JUL 08	203	3.62	JUN 20	172	3.55
1968	JUL 05	93	3.27	JUN 20	198	3.54
1969	AUG 21	49	3.01	MAY 31	243	3.62
1970	JUL 07	213	3.58	JUN 28	228	3.61
1971	JUN 19	350	3.77	JUN 24	269	3.68
1972	AUG 24	37	2.96	JUN 06	299	3.73

06725500 MIDDLE BOULDER CREEK AT NEDERLAND, CO

LOCATION.--Lat 39°57'42", long 105°30'14", in NE¼SE¼ sec.13, T.1 S., R.73 W., Boulder County, Hydrologic Unit 10190005, on left bank at Nederland just downstream from North Beaver Creek and 1,000 ft (300 m) upstream from Barker Reservoir.

DRAINAGE AREA.--36.2 mi² (93.8 km²).

GAGE DATUM.--8,186 ft (2,495.1 m).

REMARKS.--No diversion above station. Flow regulated at times by Jasper Lake capacity, 326 acre-ft (402,000 m³). North Beaver Creek entered Middle Boulder Creek downstream from station June 1 to Dec. 31, 1907, March 1911, to Dec. 31, 1916.

MAXIMUM DISCHARGE.--811 ft³/s (23.0 m³/s) June 2, 1914, gage height, 5.37 ft (1.64 m).

	RAIN PEAK			SNOW PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1945	AUG 04	247	3.17	JUN 25	491	4.14
1946	JUL 14	147	2.76	JUN 17	346	3.68
1947	AUG 01	301	3.83	JUN 21	427	4.48
1948	JUL 28	93	2.23	JUN 08	310	3.91
1949	JUN 04	483	4.09	JUN 13	674	4.66
1950	AUG 03	73	2.07	JUN 14	414	3.85
1951	JUN 18	800	4.75	MAY 28	432	3.88
1952	JUN 03	630	3.65	JUN 10	648	3.71
1953	JUL 11	349	2.69	JUN 13	730	3.98
1954	JUL 14	114	1.66	MAY 20	208	2.12
1955	JUL 23	105	1.58	JUN 13	270	2.30
1956	AUG 01	117	1.60	MAY 23	528	3.21
1957	JUL 12	517	3.38	JUN 29	745	4.25
1958	JUN 25	257	2.36	MAY 23	622	3.74
1959	JUL 31	126	1.79	JUN 14	480	3.27
1960	AUG 05	101	1.56	JUN 17	460	3.18
1961	JUN 20	372	2.81	JUN 02	412	2.97
1962	JUN 30	470	3.23	JUL 01	415	3.01
1963	JUN 16	264	2.42	MAY 18	222	2.23
1964	JUN 07	243	2.29	MAY 21	292	2.50
1965	JUL 24	640	4.25	MAY 24	283	2.44
1966	SEP 01	74	1.42	MAY 31	158	1.93
1967	JUL 07	292	2.60	JUN 20	392	2.97
1968	AUG 09	210	2.10	JUN 21	392	2.98
1969	JUN 24	335	2.66	MAY 30	448	3.11
1970	JUL 07	292	2.54	JUN 25	445	3.15
1971	JUL 27	450	3.16	JUN 19	503	3.38
1972	JUN 06	550	3.53	JUN 07	428	3.07
1973	JUL 13	232	2.31	JUN 10	478	3.33
1974	JUL 11	282	2.47	JUN 18	434	3.05
1975	JUL 09	328	2.61	JUN 08	496	3.29
1976	AUG 02	192	2.01	JUN 09	357	2.69
1977	AUG 19	74	1.52	JUN 06	469	3.10

06729500 SOUTH BOULDER CREEK NEAR ELDORADO SPRINGS, CO

LOCATION.--Lat 39°55'52", long 105°17'43", in SE¼ sec.26, T.1 S., R.71 W., Boulder County, Hydrologic Unit 10190005, on left bank 0.2 mi (0.3 km) downstream from South Draw, 1.0 mi (1.6 km) west of Eldorado Springs, 1.8 mi (2.9 km) downstream from South Boulder diversion canal, 5.0 mi (8.0 km) south of Boulder, and 6.7 mi (10.8 km) downstream from Gross Reservoir.

DRAINAGE AREA.--109 mi² (282 km²).

GAGE DATUM.--6,080 ft (1,853.2 m).

REMARKS.--Many small diversions above station for irrigation. Water is imported above Gross Reservoir from Colorado River Basin through Moffat water tunnel. Flow regulated since May 1, 1955, by Gross Reservoir capacity, 43,060 acre-ft (53.1 nm³), 6.7 mi (10.8 km) above station. City of Denver diverts water 1.8 mi (2.9 km) above station.

MAXIMUM DISCHARGE.--7,390 ft³/s (209.3 m³/s), Sept. 2, 1938, gage height, 9.24 ft (2.82 m).

WATER YEAR	RAIN PEAK DATE	RAIN PEAK DISCHARGE (FT³/S)	RAIN PEAK GAGE HEIGHT(FT)	SNOW PEAK DATE	SNOW PEAK DISCHARGE (FT³/S)	SNOW PEAK GAGE HEIGHT(FT)
1919	AUG 07	560	---	--	--	---
1921	JUN 06	1440	3.75	JUN 10	1080	3.30
1922	JUN 13	397	2.68	MAY 30	290	2.37
1923	JUL 27	426	2.50	JUN 09	646	3.25
1924	JUL 17	177	1.84	JUN 14	625	2.75
1925	SEP 07	94	1.50	JUN 22	186	1.96
1926	AUG 07	236	2.10	MAY 24	561	2.76
1927	AUG 09	96	1.50	MAY 22	343	2.30
1928	JUL 18	238	2.13	MAY 27	490	2.80
1929	JUL 23	212	2.10	JUN 06	310	2.46
1930	JUN 19	536	2.00	MAY 31	442	1.85
1931	AUG 01	93	1.00	JUN 08	427	2.01
1932	JUL 28	72	0.89	MAY 23	356	1.84
1933	MAY 19	666	2.43	JUN 02	636	2.37
1934	JUL 25	31	1.79	MAY 15	275	3.28
1935	MAY 23	423	3.57	JUN 11	477	3.75
1936	AUG 13	166	2.56	MAY 16	420	3.46
1937	JUN 26	780	4.12	JUN 18	525	3.56
1938	SEP 02	7390	9.24	JUN 12	689	3.92
1939	JUN 01	540	3.22	MAY 23	414	2.96
1940	JUL 28	688	4.43	JUN 02	345	3.93
1941	JUN 22	573	4.10	MAY 12	672	4.20
1942	JUN 12	672	4.23	MAY 13	913	4.52
1943	JUL 23	147	3.30	MAY 30	538	4.08
1944	JUL 03	335	3.80	JUN 02	528	4.13
1945	JUN 25	558	4.15	JUN 14	414	3.91
1946	JUL 14	320	3.66	JUN 15	568	4.09
1947	JUN 21	1290	4.96	MAY 11	580	4.15
1948	JUN 19	237	3.24	MAY 23	639	3.94
1949	JUN 06	1430	4.98	JUN 04	862	4.27
1950	AUG 27	37	1.40	JUN 13	737	2.99
1951	JUN 18	2370	4.16	JUN 01	908	3.14
1952	JUN 04	1080	3.63	JUN 07	936	3.52
1953	JUN 15	988	3.56	MAY 29	690	3.30
1954	AUG 13	147	2.51	MAY 21	247	2.54

06730300 COAL CREEK NEAR PLAINVIEW, CO

LOCATION.--Lat 39°52'40", long 105°16'36", in SE¼NE¼ sec.13, T.2 S., R.71 W., Jefferson County, Hydrologic Unit 10190005, on left bank 100 ft (30 m) upstream from culvert on State Highway 72, 1.2 mi (1.9 km) south of Plainview, 4.9 mi (7.9 km) downstream from Beaver Creek, and 9 mi (14 km) north of Golden.

DRAINAGE AREA.--15.1 mi² (39.1 km²).

GAGE DATUM.--6,540 ft (1,993.4 m).

REMARKS.--No diversion above station.

MAXIMUM DISCHARGE.--2,060 ft³/s (58.3 m³/s) May 7, 1969, gage height, 5.30 ft (1.62 m).

	RAIN PEAK			SNOW PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1960	JUN 09	7.5	1.10	MAY 07	164	1.91
1961	JUL 08	44	1.51	MAY 17	60	1.60
1962	JUN 30	23	1.30	APR 19	34	1.40
1963	JUN 16	195	2.44	MAR 28	2.1	0.67
1964	JUL 11	7.1	0.98	MAR 14	17	1.26
1965	JUL 24	101	1.71	--	--	---
1966	MAY 13	2.6	0.62	MAR 04	3.6	0.69
1967	JUN 21	46	1.38	APR 15	7.8	0.88
1968	MAY 24	37	1.27	APR 20	9.8	0.87
1969	MAY 07	2060	5.30	APR 18	37	1.23
1970	JUN 11	76	1.68	APR 09	43	1.44
1971	APR 25	167	2.18	MAY 04	68	1.53
1972	MAY 06	30	1.24	APR 29	10	0.90
1973	MAY 06	338	2.74	--	--	---
1974	JUL 23	0.60	0.43	MAY 04	28	1.19
1975	JUL 14	83	1.65	JUN 03	76	1.59
1976	MAY 25	28	1.12	APR 20	11	0.90
1977	JUL 24	41	1.24	APR 17	20	1.08

06732000 GLACIER CREEK NEAR ESTES PARK, CO

LOCATION.--Lat 40°20'41", long 105°35'00", in SE¼NE¼ sec.5, T.4 N., R.73 W., Larimer County, on right bank 30 ft (9 m) downstream from trail bridge, 0.2 mi (0.3 km) downstream from Mill Creek, 0.8 mi (1.3 km) upstream from mouth, and 4 mi (6.4 km) southwest of Estes Park.

DRAINAGE AREA.--24.4 mi² (63.2 km²).

GAGE DATUM.--7,980 ft (2,432.3 m).

REMARKS.--City of Estes Park pipeline diverts water above station.

MAXIMUM DISCHARGE.--352 ft³/s (9.97 m³/s) June 29, 1957, gage height, 3.48 ft (1.06 m).

	RAIN PEAK			SNOW PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1944	JUL 21	71	1.92	JUN 10	167	2.52
1945	AUG 02	106	2.17	JUN 24	243	2.91
1946	JUN 18	163	2.50	JUN 07	136	2.35
1947	JUL 17	132	2.29	JUN 21	276	3.03
1948	JUN 27	74	1.94	JUN 03	174	2.54
1949	JUN 04	157	2.45	JUN 17	338	3.42
1950	JUN 11	114	2.32	JUN 14	200	2.79
1951	JUL 29	153	2.51	JUN 20	311	3.37
1952	JUN 25	168	2.58	JUN 06	318	3.19
1953	JUL 11	146	2.42	JUN 13	252	2.94
1954	JUL 14	49	1.75	MAY 21	95	2.09
1955	JUL 24	332	3.24	JUN 24	134	2.35
1956	JUL 31	84	2.03	MAY 22	300	3.12
1957	JUL 18	258	3.04	JUN 29	352	3.48

06733000 BIG THOMPSON RIVER AT ESTES PARK, CO

LOCATION.--Lat 40°22'42", long 105°30'48", in NW¼NW¼ sec.30, T.5 N., R.72 W., Larimer County, Hydrologic Unit 10190006, on right bank in Estes Park, 600 ft (180 m) downstream from bridge on State Highways 7 and 66, 900 ft (270 m) downstream from Black Canyon Creek, and 0.3 mi (0.5 km) northwest of Estes powerplant. Station is upstream from Lake Estes.

DRAINAGE AREA.--137 mi² (486 km²).

GAGE DATUM.--7,492 ft (2,283.6 m).

REMARKS.--Diversion from Colorado River Basin to Big Thompson River basin above station through Alva B. Adams tunnel began Aug. 10, 1947, and ended Aug. 2, 1950. Small power developments and small diversions for irrigation and municipal use above station.

MAXIMUM DISCHARGE.--1,660 ft³/s (47.0 m³/s) June 18, 1949, gage height, 3.16 ft (0.96 m).

	RAIN PEAK			SNOW PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1951	AUG 03	645	3.57	JUN 21	1490	4.30
1952	JUL 26	380	3.07	JUN 08	1600	4.24
1953	JUL 11	577	3.52	JUN 13	1530	4.50
1954	JUL 14	208	2.22	MAY 21	406	3.22
1955	JUL 24	541	2.93	JUN 24	543	3.46
1956	JUL 31	420	2.75	JUN 03	1020	4.15
1957	AUG 07	439	3.55	JUN 30	1630	6.88
1958	JUN 25	496	3.83	MAY 27	1190	6.06
1959	AUG 01	332	2.98	JUN 21	1020	5.72
1960	SEP 18	100	1.41	JUN 18	917	5.47
1961	AUG 01	312	2.87	JUN 10	955	5.56
1962	JUL 24	404	3.37	JUN 28	811	5.17
1963	JUN 16	860	5.32	MAY 19	429	3.50
1964	JUL 30	241	2.44	JUN 11	559	4.13
1965	JUL 31	572	4.19	JUN 17	1640	6.89
1966	AUG 03	272	2.63	MAY 31	427	3.49
1967	JUL 08	836	5.25	JUN 21	864	5.33
1968	AUG 08	368	3.18	JUN 21	942	5.53
1969	JUL 17	514	3.92	MAY 29	1080	5.83
1970	JUL 23	355	3.11	JUN 26	1100	5.88
1971	SEP 08	212	2.25	JUN 20	1220	6.12
1972	SEP 01	225	2.34	JUN 04	1020	5.72
1973	JUL 14	846	5.28	JUN 11	1170	6.02
1974	JUL 15	548	4.08	JUN 17	972	5.61
1975	JUL 17	871	5.39	JUL 03	968	5.70
1976	JUL 31	364	3.14	JUN 09	623	4.42
1977	JUL 24	433	3.52	JUN 07	585	4.23

06734500 FISH CREEK NEAR ESTES PARK, CO

LOCATION.--Lat 40°22'07", long 105°29'36", in SW¼ sec.29, T.5 N., R.72 W., Larimer County, on right bank 100 ft (30 m) upstream from highwater line of Lake Estes, 0.4 mi (0.6 km) upstream from bridge on State Highway 66, and 2 mi (3.2 km) southeast of Estes Park.

DRAINAGE AREA.--16.0 mi² (41.4 km²).

GAGE DATUM.--7,476 ft (2,278.7 m).

REMARKS.--Small diversions above station for irrigation. No discernable rainfall peak during water year 1964.

MAXIMUM DISCHARGE.--400 ft³/s (11.3 m³/s) July 29, 1956, gage height, 5.00 ft (1.52 m).

	RAIN PEAK			SNOW PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1947	JUN 22	53	2.74	JUN 04	22	2.25
1948	JUN 11	6.2	1.78	APR 27	14	2.00
1949	JUN 06	108	4.12	MAY 13	23	2.25
1950	JUL 11	1.7	1.71	JUN 09	4.6	1.97
1951	AUG 02	147	3.50	MAY 22	29	1.38
1952	JUN 03	53	1.82	APR 30	38	1.42
1953	JUL 16	7.0	0.52	MAY 28	7.5	0.50
1954	OCT 23	6.9	0.53	MAY 16	1.2	0.20
1955	JUL 23	4.7	0.43	MAY 19	3.3	0.30
1956	JUL 29	400	5.00	MAY 14	3.0	0.30
1957	MAY 09	119	3.15	MAY 04	16	0.67
1958	JUN 25	8.9	0.57	MAY 14	42	1.51
1959	JUN 21	33	1.36	MAY 04	14	0.80
1960	MAY 05	16	0.87	MAY 09	14	0.80
1961	JUL 08	48	1.74	MAY 20	37	1.52
1962	JUL 01	4.0	0.40	APR 29	9.8	0.65
1963	JUN 16	17	0.89	APR 03	1.0	0.15
1964	--	--	---	APR 16	3.4	0.34
1965	JUN 15	56	1.95	MAY 04	6.2	0.46
1966	AUG 01	6.9	0.51	MAY 10	1.6	0.20
1967	JUL 19	17	0.89	MAY 31	7.7	0.55
1968	JUN 24	5.1	0.42	JUN 08	9.1	0.61
1969	JUN 17	43	1.60	MAY 09	117	3.00
1970	JUN 11	19	0.96	MAY 12	13	0.75
1971	JUL 08	8.4	0.56	MAY 02	42	1.58
1972	AUG 16	21	1.08	MAY 19	3.3	0.34
1973	JUL 29	15	0.85	MAY 07	77	2.02
1974	JUN 09	8.0	0.56	MAY 04	4.3	0.38
1975	JUL 15	18	0.95	JUN 02	28	1.18
1976	JUL 31	194	4.02	MAY 22	5.1	0.44
1977	JUL 24	153	3.57	APR 28	3.4	0.34
1978	MAY 17	17	0.92	MAY 19	20	1.02
1979	AUG 10	34	1.38	JUN 17	37	1.48

06736000 NORTH FORK BIG THOMPSON RIVER AT DRAKE, CO

LOCATION.--Lat 40°26'00", long 105°20'18", in NW¼ sec.3, T.5 N., R.71 W., Larimer County, on right bank at Drake, 400 ft (122 m) upstream from mouth.

DRAINAGE AREA.--82.8 mi² (214 km²).

GAGE DATUM.--6,170 ft (1,880.6 m).

REMARKS.--Diversions above station for irrigation.

MAXIMUM DISCHARGE.--8,710 ft³/s (246.7 m³/s) July 31, 1976, gage height, 9.21 ft (2.81 m).

	RAIN PEAK			SNOW PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1947	JUL 16	158	3.45	JUN 21	410	4.30
1948	OCT 15	86	3.13	JUN 11	166	3.48
1949	JUN 04	820	5.00	JUN 06	766	4.92
1950	JUL 10	450	4.23	JUN 12	129	3.53
1951	AUG 03	211	3.86	JUN 19	232	3.92
1952	JUN 26	159	3.64	JUN 05	283	3.94
1953	JUN 19	206	3.79	JUN 13	223	3.83
1954	JUL 15	44	3.17	JUN 27	47	3.17
1955	AUG 14	114	3.52	JUN 25	51	3.23
1956	MAY 21	228	3.92	JUN 02	161	3.70
1957	JUL 29	850	4.96	JUN 08	334	4.02
1958	JUN 25	147	3.66	MAY 24	295	4.02
1959	JUL 31	52	3.23	JUN 20	153	3.67
1960	SEP 18	43	3.26	JUN 18	120	3.70
1961	AUG 01	131	3.67	JUN 03	275	4.05
1962	JUL 12	138	3.74	JUN 15	110	3.61
1963	AUG 11	107	3.73	JUN 16	157	3.97
1964	JUL 29	74	3.78	JUN 08	84	3.64
1965	JUN 16	1290	5.66	JUN 10	250	4.50
1966	JUL 20	584	4.62	JUN 18	60	3.56
1967	JUL 07	131	3.82	JUN 21	148	3.87
1968	AUG 12	156	3.87	JUN 06	148	3.94
1969	MAY 07	800	4.93	JUN 17	293	4.16
1970	JUL 22	194	4.04	JUN 24	251	4.15
1971	JUL 19	79	3.65	JUN 19	227	4.16
1972	JUN 17	134	4.00	JUN 04	170	4.12
1973	MAY 06	355	4.51	JUN 11	398	4.59
1974	JUL 15	156	4.00	JUN 17	184	4.11
1975	JUN 18	245	4.27	JUN 16	216	4.20
1976	JUL 31	8710	9.21	JUN 09	82	3.73

06738000 BIG THOMPSON RIVER AT MOUTH OF CANYON, NEAR DRAKE, CO

LOCATION.--Lat 40°25'18", long 105°13'34", in SW¼SW¼ sec.3, T.5 N., R.70 W., Larimer County, Hydrologic Unit 10190006, on right bank at mouth of canyon, 400 ft (120 m) upstream from Handy Ditch diversion dam, and 6.0 mi (9.7 km) east of Drake.

DRAINAGE AREA.--305 mi² (790 km²).

GAGE DATUM.--5,297 ft (1,614.5 m).

REMARKS.--Diversions above station for irrigation. Diversions from Colorado River basin to Big Thompson River basin above station through Alva B. Adams tunnel began Aug. 10, 1947 (see station 09013000 in Volume 2 for diversion during current year); since Apr. 15, 1953, this imported water has been diverted from Lake Estes through Olympus tunnel bypassing this station. Part of the natural flow of the Big Thompson River has also been diverted through Olympus tunnel since May 17, 1955, 278,700 acre-ft (344 hm³) during current year, and Dille tunnel since Apr. 20, 1959, 21,260 acre-ft (26.2 hm³) during current year, and returned to the river just below this station.

MAXIMUM DISCHARGE.--31,200 ft³/s (883.6 m³/s), July 31, 1976, gage height, 19.86 ft (6.05 m) by indirect measurement.

	RAIN PEAK			SNOW PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1895	JUL 30	1900	---	--	--	---
1898	JUL 11	1360	---	--	--	---
1906	JUL 07	6000	---	--	--	---
1927	AUG 28	498	3.93	JUN 29	1060	5.12
1928	JUL 21	923	4.79	MAY 31	1800	6.00
1929	JUL 28	1600	5.76	JUN 09	1107	5.11
1930	AUG 14	1590	5.75	JUN 13	764	4.58
1931	JUL 31	496	3.96	JUN 07	1190	5.20
1932	JUL 25	690	4.30	JUN 28	928	4.80
1933	SEP 12	253	3.20	JUN 14	1460	5.75
1938	SEP 01	5600	6.60	JUN 22	2065	4.35
1939	JUL 29	276	1.97	JUN 01	923	3.14
1940	JUL 20	413	2.23	JUN 03	839	2.90
1941	JUN 22	4690	6.02	JUN 19	1340	3.54
1942	JUN 07	3730	5.55	JUN 12	1580	3.90
1943	JUL 21	622	2.60	JUN 23	1330	3.57
1944	JUL 03	895	2.89	JUN 11	1260	3.46
1945	JUL 19	7600	7.55	JUN 25	1480	3.80
1946	JUL 19	1680	4.00	JUN 18	1005	3.15
1947	AUG 12	619	2.78	JUN 21	2320	4.57
1948	OCT 15	227	1.85	JUN 03	1300	3.42
1949	JUN 04	3330	5.83	JUN 18	1992	4.92
1976	JUL 31	31200	19.86	--	--	---

06739500 BUCKHORN CREEK NEAR MASONVILLE, CO

LOCATION.--Lat 40°27'14", long 105°11'54", in SE¼ sec.26, T.6 N., R.70 W., Larimer County, on right bank 1.5 mi (2.4 km) upstream from Buckhorn Reservoir Dam and 2.5 mi (4.0 km) south of Masonville.

DRAINAGE AREA.--131 mi² (339 km²).

GAGE DATUM.--5,200 ft (1,585.0 m).

REMARKS.--Diversions above station for irrigation of about 500 acres (2.02 km²). No discernable snowmelt peak during water years: 1969, 1972.

MAXIMUM DISCHARGE.--14,000 ft³/s (396.5 m³/s) Aug. 3, 1951, gage height, 13.40 ft (4.08 m), from slope-area measurement.

	RAIN PEAK			SNOW PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1923	JUN 15	10500	---	--	--	---
1938	SEP 01	10200	---	--	--	---
1947	JUN 22	324	4.52	MAY 31	180	3.79
1948	MAY 30	5750	10.35	APR 29	107	3.46
1949	JUN 04	3740	8.34	MAY 15	251	4.28
1950	JUL 28	104	3.73	MAY 30	52	3.40
1951	AUG 03	14000	13.40	JUN 12	128	3.87
1952	JUN 26	313	4.43	MAY 23	355	4.62
1953	JUN 06	29	2.91	MAY 20	49	3.10
1954	JUL 20	1520	5.98	MAY 15	5.2	2.70
1955	AUG 26	544	5.12	MAY 23	27	3.03
1956	AUG 16	1472	5.98	--	--	---
1957	AUG 17	1238	5.72	MAY 09	1320	5.81
1958	JUL 26	60	3.32	MAY 09	720	5.66
1959	MAY 24	346	4.75	MAY 05	73	3.47
1960	JUL 03	227	4.50	MAY 09	99	3.72
1961	JUN 02	2600	7.85	MAY 21	737	5.50
1962	JUL 08	192	4.85	JUN 08	89	4.26
1963	AUG 25	390	5.41	MAY 30	11	3.55
1964	MAY 13	180	4.81	APR 20	9.7	3.55
1965	JUN 16	483	5.76	MAY 26	35	3.90
1966	JUL 01	7.5	2.51	MAY 10	3.6	2.52
1967	MAY 30	608	5.78	MAY 27	14	2.78
1968	JUL 01	173	4.53	MAY 24	158	4.45
1969	MAY 07	2050	7.35	--	--	---
1970	JUN 12	364	5.21	APR 27	146	4.13
1971	MAY 22	339	4.55	MAY 04	346	4.72
1972	JUN 06	46	1.59	--	--	---
1973	MAY 07	543	3.52	MAY 17	249	2.56
1974	JUN 08	134	2.11	APR 27	67	1.74
1975	JUL 09	274	2.62	MAY 29	263	2.55
1976	AUG 01	1520	5.80	MAY 23	58	2.15
1977	JUL 25	1390	5.64	APR 30	31	1.88
1978	AUG 29	633	4.33	MAY 17	546	4.17
1979	JUN 09	486	3.95	MAY 08	327	3.49

06742000 LITTLE THOMPSON RIVER NEAR BERTHOUD, CO

LOCATION.--Lat 40°15'30", long 105°12'15", in NW¼ sec.2, T.3 N., R.70 W., Boulder County, on left bank at mouth of canyon, 7.5 mi (12 km) southwest of Berthoud.

DRAINAGE AREA.--101 mi² (262 km²).

GAGE DATUM.--5,220 ft (1,591.1 m).

REMARKS.--One small diversion above station. Inflow from Colorado-Big Thompson project above station May 16, 1953, to Apr. 25, 1957.

MAXIMUM DISCHARGE.--4,000 ft³/s (113.3 m³/s) May 9, 1957, gage height, 8.36 ft (2.55 m).

	RAIN PEAK			SNOW PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1929	JUL 20	218	2.59	--	--	---
1930	AUG 10	3620	7.20	MAY 17	22	1.13
1947	JUL 08	1360	6.50	MAY 31	233	3.59
1948	JUN 27	101	3.13	MAY 01	61	2.93
1949	JUN 06	3500	9.30	MAY 12	156	3.60
1950	SEP 03	1.0	2.05	JUN 04	82	3.13
1951	AUG 03	2380	7.87	MAY 18	232	4.14
1952	MAY 24	242	4.09	APR 25	279	4.23
1957	MAY 09	4000	8.36	MAY 15	640	4.42
1958	MAY 08	1470	5.62	APR 17	170	3.32
1959	MAY 22	261	3.62	APR 15	123	3.12
1960	MAY 05	203	3.09	MAY 05	203	3.09
1961	JUN 03	2380	6.55	MAY 17	302	3.53

06749200 FALL CREEK NEAR RUSTIC, CO

LOCATION.--Lat 40°33'06", long 105°37'35", in NW¼ sec.30, at line of sec.19, T.7 N., R.73 W., Larimer County, on left bank on upstream side of bridge, 1.5 mi (2.4 km) upstream from mouth, 11 mi (18 km) southwest of Rustic, and 29 mi (47 km) west of Fork Collins.

DRAINAGE AREA.--3.64 mi² (9.43 km²).

GAGE DATUM.--9,765 ft (2,976.4 m).

REMARKS.--No diversion above station.

MAXIMUM DISCHARGE.--108 ft³/s (3.06 m³/s) June 16, 1965, gage height, 3.41 ft (1.04 m).

	RAIN PEAK			SNOW PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1961	AUG 12	30	2.01	JUN 08	48	2.35
1962	AUG 23	10	1.45	JUN 29	37	2.24
1963	JUN 15	49	2.43	JUN 03	28	2.08
1964	AUG 02	23	1.99	JUN 28	32	2.18
1965	AUG 17	20	1.96	JUN 16	108	3.41
1966	JUL 18	21	1.96	JUN 17	25	2.07
1967	JUL 11	27	2.06	JUN 22	46	2.40
1968	AUG 09	19	1.88	JUN 20	53	2.46
1969	JUL 20	18	1.85	MAY 28	51	2.50
1970	AUG 21	15	2.64	JUN 28	75	2.86
1971	AUG 28	16	1.75	JUN 19	70	2.67
1972	JUL 11	17	1.75	JUN 03	102	3.10
1973	JUL 07	38	2.20	JUN 13	68	2.65

06748510 LITTLE BEAVER CREEK NEAR IDYLWILDE, CO

LOCATION.--Lat 40°38'19", long 105°39'40", in NW¼ sec.26, T.8 N., R.74 W., Larimer County, on left bank 4.5 mi (7.2 km) south of Idylwilde and 8 mi (13 km) upstream from mouth.

DRAINAGE AREA.--0.89 mi² (2.31 km²).

GAGE DATUM.--10,000 ft (3,048 m).

REMARKS.--No diversion above station.

MAXIMUM DISCHARGE.--28 ft³/s (0.79 m³/s) June 28, 1970, gage height, 2.15 ft (0.66 m).

	RAIN PEAK			SNOW PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1961	JUL 30	3.9	0.41	JUN 21	14	0.91
1962	AUG 23	0.80	0.69	JUN 26	13	0.78
1963	JUN 16	5.6	1.22	JUN 03	6.4	1.27
1964	JUL 17	3.9	1.09	JUN 07	9.7	1.52
1965	JUL 22	4.0	1.10	JUN 17	19	1.92
1966	AUG 01	1.4	0.77	MAY 30	6.4	1.20
1967	JUL 15	3.4	1.00	JUN 20	14	1.67
1968	JUL 05	6.4	1.26	JUN 20	20	1.87
1969	JUL 20	2.5	0.93	JUN 05	13	1.63
1970	AUG 20	1.0	0.70	JUN 28	28	2.15
1971	JUL 21	3.8	1.07	JUN 19	20	1.89
1972	AUG 08	1.5	0.80	JUN 11	15	1.71
1973	JUL 13	6.7	1.28	JUN 26	21	1.89

06748530 LITTLE BEAVER CREEK NEAR RUSTIC, CO

LOCATION.--Lat 40°37'23", long 105°33'52", in N½ sec.34, T.8 N., R.73 W., Larimer County, on left bank 2.6 mi (4.2 km) upstream from mouth and 5.5 mi (8.8 km) south of Rustic.

DRAINAGE AREA.--12.3 mi² (31.9 km²).

GAGE DATUM.--8,350 ft (2,545.1 m).

REMARKS.--No diversion above station.

MAXIMUM DISCHARGE.--187 ft³/s (5.29 m³/s) June 17, 1965, gage height, 1.89 ft (0.58 m).

	RAIN PEAK			SNOW PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1961	JUL 21	21	0.90	JUN 09	92	1.55
1962	JUL 24	14	0.78	JUN 20	47	1.23
1963	JUN 16	54	1.26	JUN 03	21	0.90
1964	JUL 17	12	0.73	JUN 07	45	1.16
1965	JUL 24	27	0.97	JUN 17	187	1.89
1966	JUL 18	16	0.77	MAY 30	31	1.02
1967	JUN 21	84	1.46	JUN 22	54	1.27
1968	JUL 05	23	0.91	JUN 15	103	1.55
1969	JUL 20	16	0.77	MAY 31	67	1.35
1970	JUL 26	14	0.76	JUN 28	98	1.52
1971	JUL 21	25	0.90	JUN 19	123	1.61
1972	AUG 26	11	0.67	JUN 11	72	1.33
1973	JUL 13	36	1.05	JUN 26	125	1.64

06748600 SOUTH FORK CACHE LA POUDRE RIVER NEAR RUSTIC, CO

LOCATION.--Lat 40°38'49", long 105°29'35", in SW¼ sec.20, T.8 N., R.72 W., Larimer County, Hydrologic Unit 10190007, on left bank 5.7 mi (9.2 km) upstream from mouth, 6 mi (10 km) southeast of Rustic, and 22 mi (35 km) west of Fort Collins.

DRAINAGE AREA.--92.4 mi² (239.3 km²).

GAGE DATUM.--7,597 ft (2,315.6 m).

REMARKS.--No diverson above station. Slight regulation by small reservoirs and lakes.

MAXIMUM DISCHARGE.--1,260 ft³/s (35.7 m³/s) June 17, 1965, gage height, 5.05 ft (1.54 m).

	RAIN PEAK			SNOW PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1957	AUG 18	122	2.65	JUN 29	1085	4.65
1958	AUG 19	136	2.72	MAY 27	750	4.15
1959	AUG 07	160	2.85	JUN 14	470	3.66
1960	JUL 31	100	2.57	JUN 17	458	3.66
1961	AUG 01	170	2.90	JUN 12	538	3.76
1962	JUL 12	244	3.10	JUN 30	380	3.39
1963	JUL 09	165	2.85	JUN 16	390	3.43
1964	AUG 03	131	2.71	MAY 28	301	3.25
1965	JUN 11	832	4.37	JUN 17	1260	5.05
1966	JUN 27	179	2.90	JUN 19	215	3.02
1967	JUL 08	203	3.00	JUN 22	363	3.43
1968	AUG 10	131	2.72	JUN 21	415	3.60
1969	MAY 07	215	3.06	JUN 21	411	3.57
1970	JUL 22	25	2.00	JUN 26	706	4.09
1971	AUG 28	94	2.55	JUN 20	736	4.13
1972	AUG 24	69	2.37	JUN 04	505	3.74
1973	MAY 11	188	2.88	JUN 14	610	3.92
1974	JUL 22	230	3.10	JUN 19	570	3.87

07083000 HALFMOON CREEK NEAR MALTA, CO

LOCATION.--Lat 39°10'20", long 106°23'19", in SE¼SE¼ sec.13, T.10 S., R.81 W., Lake County, Hydrologic Unit 11020001, on right bank 1.4 mi (2.3 km) upstream from culvert, 3.3 mi (5.3 km) upstream from mouth, and 4.3 mi (6.9 km) southwest of Malta.

DRAINAGE AREA.--23.6 mi² (61.1 km²).

GAGE DATUM.--9,830 ft (2,996.2 m).

REMARKS.--No regulation or diversion above station

MAXIMUM DISCHARGE.--450 ft³/s (12.7 m³/s) June 30, 1957, gage height, 3.48 ft (1.06 m).

	RAIN PEAK			SNOW PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1947	AUG 04	156	2.99	JUN 21	375	3.46
1948	JUL 18	103	2.70	JUN 10	242	3.06
1949	JUL 23	113	2.75	JUN 16	350	3.26
1950	JUL 17	48	2.47	JUN 17	220	3.00
1951	AUG 03	123	2.71	JUN 20	218	2.97
1952	JUL 05	183	2.85	JUN 11	345	3.07
1953	AUG 02	116	2.64	JUN 14	330	3.13
1954	JUL 22	68	2.55	MAY 20	104	2.68
1955	JUL 26	132	2.73	JUN 11	169	2.82
1956	JUL 11	160	2.80	JUN 02	241	2.92
1957	AUG 15	145	2.77	JUN 30	450	3.48
1958	AUG 18	48	2.45	JUN 07	329	3.13
1959	JUL 30	66	2.57	JUN 16	313	3.42
1960	JUL 31	74	2.54	JUN 17	320	3.20
1961	JUL 31	83	3.25	JUN 09	222	3.86
1962	JUL 12	143	3.38	JUN 30	327	3.97
1963	AUG 08	82	2.82	JUN 14	123	3.15
1964	JUL 23	64	2.83	JUN 15	166	3.35
1965	JUL 31	208	3.37	JUL 04	311	3.64
1966	JUL 01	188	3.17	JUN 02	127	2.95
1967	JUL 24	75	2.57	JUN 22	210	3.12
1968	JUL 27	115	2.81	JUN 20	306	3.33
1969	JUL 19	91	2.68	MAY 29	191	3.07
1970	AUG 04	62	2.47	JUN 25	380	3.48

07086500 CLEAR CREEK ABOVE CLEAR CREEK RESERVOIR, CO

LOCATION.--Lat 39°01'05", long 106°16'38", in SE¼ sec.12, T.12 S., R.80 W., Chaffee County, Hydrologic Unit 11020001, on right bank 0.5 mi (0.8 km) upstream from water line of Clear Creek Reservoir at elevation 8,875 ft (2,705.1 m), 1.5 mi (2.4 km) downstream from unnamed tributary, and 1.9 mi (3.1 km) southwest of Granite.

DRAINAGE AREA.--67.1 mi² (173.8 km²).

GAGE DATUM.--8,885 ft (2,708.1 m).

REMARKS.--Diversions for irrigation of about 250 acres (1.01 km²) above station.

MAXIMUM DISCHARGE.--1,300 ft³/s (36.8 m³/s) June 29, 1957, gage height, not available.

	RAIN PEAK			SNOW PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1946	AUG 13	76	1.85	JUN 17	686	3.61
1947	AUG 05	250	2.50	JUN 20	1000	4.10
1948	AUG 05	110	2.05	JUN 09	846	3.85
1949	AUG 04	120	2.25	JUN 15	1040	4.07
1950	JUL 10	345	3.01	JUN 15	622	3.58
1951	AUG 03	276	2.89	JUN 19	910	4.00
1952	JUL 06	551	3.62	JUN 10	1130	4.26
1954	JUL 17	238	1.71	MAY 20	333	1.98
1955	JUL 12	178	1.37	JUN 08	521	2.25
1956	AUG 01	85	0.98	JUN 02	760	2.79
1958	SEP 13	85	1.22	JUN 06	576	3.24
1959	AUG 04	100	1.40	JUN 08	488	2.80
1960	AUG 01	126	1.57	JUN 17	621	3.08
1961	--	--	---	JUN 08	557	2.93
1962	AUG 13	104	1.37	JUN 21	533	2.87
1963	AUG 11	122	1.50	MAY 20	327	2.32
1964	AUG 07	151	1.62	JUN 15	330	2.35
1965	JUL 12	740	3.30	JUN 23	734	2.95
1966	JUL 24	208	1.77	MAY 31	293	2.18
1967	SEP 12	108	1.48	JUN 23	549	2.85
1968	AUG 11	276	2.15	JUN 06	525	2.78
1969	JUL 20	273	2.20	MAY 31	477	2.74
1970	SEP 13	245	2.16	JUN 24	590	3.00
1971	AUG 19	125	1.55	JUN 22	612	2.96
1972	SEP 07	45	1.14	JUN 02	497	2.76
1973	JUL 14	259	2.04	JUN 29	680	3.12
1974	AUG 10	47	1.13	MAY 30	341	2.36
1975	JUL 20	102	1.41	--	--	---
1976	AUG 02	119	1.55	JUN 06	489	2.69
1977	JUL 24	119	1.54	JUN 09	226	1.98

07089000 COTTONWOOD CREEK BELOW HOT SPRINGS, NEAR BUENA VISTA, CO

LOCATION.--Lat 38°48'46", long 106°13'18", in SE¼SE¼ sec.21, T.14 S., R.79 W., Chaffee County, Hydrologic Unit 11020001, on left bank 0.2 mi (0.3 km) downstream from Cottonwood Hot Springs, 0.9 mi (1.4 km) downstream from confluence of Middle Cottonwood and South Cottonwood Creeks, 2.9 mi (4.7 km) upstream from North Cottonwood Creek, and 5.5 mi (8.8 km) southwest of Buena Vista.

DRAINAGE AREA.--65.0 mi² (168 km²).

GAGE DATUM.--8,532 ft (2,600.6 m).

REMARKS.--Several small diversions above station for irrigation.

MAXIMUM DISCHARGE.--1,180 ft³/s (33.4 m³/s) July 1, 1957, gage height, 4.52 ft (1.38 m).

	RAIN PEAK			SNOW PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1950	JUL 07	108	1.28	JUN 12	243	1.97
1951	AUG 03	140	1.65	JUN 19	335	2.20
1952	JUL 06	225	2.23	JUN 11	496	2.84
1953	JUL 12	173	1.93	JUN 13	378	2.68
1954	JUL 23	84	1.40	MAY 22	150	1.83
1955	JUL 12	111	1.68	JUN 09	314	2.41
1956	JUL 31	70	1.48	--	--	---
1957	JUL 27	404	2.92	JUL 01	1180	4.52
1958	AUG 17	67	1.77	JUN 06	373	2.95
1959	AUG 07	80	1.80	JUN 07	264	2.70
1960	JUL 07	150	2.28	JUN 18	382	2.89
1961	AUG 03	89	1.83	JUN 01	305	2.30
1962	JUL 24	166	2.33	JUN 13	400	2.92
1963	AUG 11	67	1.82	MAY 12	138	2.20
1964	AUG 05	89	1.94	JUN 08	279	2.76
1965	AUG 22	166	2.37	JUN 20	495	3.36
1966	MAY 31	217	2.38	MAY 31	199	2.32
1967	JUL 15	120	2.08	JUN 20	272	2.62
1968	AUG 03	136	2.28	--	--	---
1970	AUG 22	121	2.22	JUN 26	308	2.88

07095000 GRAPE CREEK NEAR WESTCLIFFE, CO

LOCATION.--Lat 38°11'10", long 105°28'59", in NW¼NW¼ sec.31, T.21 S., R.72 W., Custer County, Hydrologic Unit 11020001, on left bank 0.5 mi (0.8 km) upstream from water line of De Weese Reservoir at elevation 7,665 ft (2,336.3 m), 0.5 mi (0.8 km) downstream from Swift Creek, and 3.6 mi (5.8 km) northwest of Westcliffe.

DRAINAGE AREA.--320 mi² (829 km²).

GAGE DATUM.--7,690 ft (2,343.9 m).

REMARKS.--Diversions above station for irrigation of about 15,000 acres (60.7 km²).

MAXIMUM DISCHARGE.--7,460 ft³/s (211.3 m³/s) Aug. 2, 1966, gage height, 8.45 ft (2.58 m).

	RAIN PEAK			SNOW PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1925	AUG 05	422	3.10	--	--	---
1926	--	--	---	JUN 08	425	2.78
1927	--	--	---	MAR 29	553	3.24
1928	--	--	---	JUN 04	437	2.58
1930	JUL 22	1400	4.60	MAR 30	96	1.17
1932	JUL 12	53	0.90	JUN 28	171	1.81
1933	JUN 21	428	2.43	APR 28	637	3.12
1934	AUG 20	16	0.46	APR 07	75	0.96
1935	JUL 13	136	1.53	JUN 16	328	2.87
1936	AUG 07	710	3.35	MAR 24	36	0.69
1937	MAY 30	339	2.35	APR 13	258	2.04
1938	APR 17	318	2.24	JUN 08	236	1.97
1939	AUG 08	36	0.69	MAR 25	196	1.84
1940	SEP 10	123	1.52	APR 18	66	1.02
1941	JUL 16	469	3.03	JUN 25	658	3.57
1942	AUG 04	512	2.21	APR 23	1960	5.26
1943	AUG 17	79	1.07	MAR 09	182	1.21
1944	MAY 28	374	2.08	APR 13	1280	4.01
1945	AUG 07	1250	3.95	APR 20	375	2.08
1946	AUG 30	114	1.19	APR 15	142	1.33
1947	JUN 19	1100	3.72	APR 20	345	1.99
1948	AUG 04	91	1.01	MAY 25	465	2.35
1949	JUL 11	562	2.62	JUN 13	313	1.98
1950	JUN 03	70	0.87	APR 16	36	0.58
1951	JUL 23	217	1.58	APR 05	57	0.77
1952	JUL 31	171	1.37	JUN 09	271	1.70
1953	JUL 18	138	1.21	--	--	---
1954	AUG 23	119	1.15	APR 03	79	0.88
1955	MAY 20	735	2.98	APR 10	70	0.85
1956	APR 19	218	1.53	MAR 22	42	0.55
1957	JUN 12	1260	3.98	MAY 17	759	3.05
1958	AUG 16	147	1.38	JUN 06	214	1.46
1959	MAY 08	293	1.92	APR 15	286	1.95
1960	JUL 12	185	1.62	JUN 06	206	1.70
1961	JUN 15	390	2.34	APR 03	840	3.39
1963	SEP 08	114	1.32	APR 06	20	0.63
1964	JUL 27	130	1.38	--	--	---
1965	AUG 01	940	3.57	JUN 19	572	2.75
1966	AUG 02	7460	8.45	APR 12	37	0.78
1967	AUG 30	287	1.94	MAR 27	40	0.81
1968	AUG 11	625	2.86	JUN 17	41	0.81
1969	JUL 20	908	3.42	MAY 30	65	1.02
1970	OCT 18	397	2.42	APR 16	790	3.22
1971	JUL 20	311	2.07	APR 04	41	0.86
1972	JUN 30	40	0.78	MAR 28	59	0.96
1973	MAY 07	836	3.22	JUN 13	372	2.28
1974	AUG 06	21	0.55	MAR 22	47	0.78
1975	JUL 09	755	3.11	APR 16	806	3.17
1976	SEP 27	170	1.49	APR 02	91	1.13
1977	AUG 19	485	2.55	APR 20	149	1.34

07103700 FOUNTAIN CREEK NEAR COLORADO SPRINGS, CO

LOCATION.--Lat 38°51'17", long 104°52'39", in SE¼SW¼ sec.3, T.14 S., R.67 W., El Paso County, Hydrologic Unit 11020003, on left bank 200 ft (61 m) upstream from diversion to city of Colorado Springs, 0.5 mi (0.8 km) east of bridge on U.S. Highway 24 near west city limits of Colorado Springs, and 1.0 mi (1.6 km) downstream from Sutherland Creek.

DRAINAGE AREA.--103 mi² (267 km²).

GAGE DATUM.--6,110 ft (1,862.3 m).

REMARKS.--Natural flow of stream affected by storage reservoirs, power developments, diversions for irrigation and municipal use, and at times, transbasin diversion from Beaver Creek drainage and transmountain diversions from Colorado River Basin.

MAXIMUM DISCHARGE.--2,630 ft³/s (74.5 m³/s) Aug. 4, 1964, gage height, 5.27 ft (1.61 m).

	RAIN PEAK			SNOW PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1958	JUL 05	752	4.73	APR 22	39	2.16
1959	JUN 20	584	4.31	APR 27	26	1.65
1960	JUL 11	89	2.70	APR 12	25	1.66
1961	JUL 11	955	4.27	APR 20	14	1.18
1962	SEP 19	366	3.76	APR 27	25	1.59
1963	AUG 03	428	3.92	APR 19	7.3	0.66
1964	AUG 04	2630	5.27	APR 19	13	0.97
1965	JUN 17	359	3.82	MAY 04	28	1.67
1966	JUL 24	317	3.46	APR 10	11	0.93
1967	MAY 26	544	4.00	APR 20	15	1.06
1968	AUG 02	301	3.57	MAR 29	19	1.34
1969	JUL 24	295	3.55	MAY 03	9.0	0.78
1974	JUL 14	500	4.10	APR 14	24	1.56
1975	JUL 20	492	4.08	APR 03	19	1.42
1976	AUG 02	408	4.06	APR 18	18	1.35
1977	--	--	---	APR 10	13	1.08

07105800 FOUNTAIN CREEK AT SECURITY, CO

LOCATION.--Lat 38°43'46", long 104°44'00", in SW¼ sec.24, T.15 S., R.66 W., El Paso County, Hydrologic Unit 11020003, on right bank 980 ft (300 m) downstream from Carson Road bridge, 1.0 mi (1.6 km) southwest of South Security School, 3.5 mi (5.6 km) northeast of Fountain, and 5.0 mi (8.0 km) upstream from Jimmy Camp Creek.

DRAINAGE AREA.--495 mi² (1,282 km²).

GAGE DATUM.--5,640 ft (1,719.1 m).

REMARKS.--Natural flow of stream affected by storage reservoirs, power developments, diversions for irrigation of about 5,100 acres (20.6 km²), municipal use, and return flow from irrigated areas. No discernable rainfall peak during water year 1971.

MAXIMUM DISCHARGE.--21,500 ft³/s (608.9 m³/s) June 17, 1965, gage height, 10.37 ft (3.16 m).

	RAIN PEAK			SNOW PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1965	JUN 17	21500	10.37	MAR 29	63	2.51
1967	JUL 19	1350	4.55	MAR 07	136	2.63
1968	AUG 27	2520	7.12	MAR 27	172	2.63
1969	JUL 20	2170	5.98	MAR 13	59	2.22
1970	JUN 20	625	3.74	APR 03	436	2.57
1971	--	--	---	MAY 29	301	1.88
1972	JUN 11	6520	6.45	MAY 08	132	1.92
1973	JUL 22	2340	5.27	MAY 08	952	4.29
1974	JUL 14	2150	5.70	APR 29	1280	5.38
1975	JUL 23	1900	4.93	MAR 25	63	3.40
1976	AUG 01	7590	5.32	MAR 05	75	3.36
1977	JUN 01	5380	5.06	MAY 02	119	3.15

07106000 FOUNTAIN CREEK NEAR FOUNTAIN, CO

LOCATION.--Lat 38°36'08", long 104°40'13", in NE¼ sec.4, T.17 S., R.65 W., El Paso County, on right bank 250 ft (76 m) upstream from bridge on county road, 1.2 mi (1.9 km) upstream from Little Fountain Creek, and 5.2 mi (8.4 km) southeast of Fountain.

DRAINAGE AREA.--676 mi² (1,751 km²).

GAGE DATUM.--5,342 ft (1,628.2 m).

REMARKS.--Diversions above station for irrigation of about 18,000 acres (72.8 km²).

MAXIMUM DISCHARGE.--22,100 ft³/s (625.9 m³/s) May 28, 1940, gage height, 9.19 ft (2.80 m).

	RAIN PEAK			SNOW PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1939	AUG 02	1300	3.65	--	--	---
1940	MAY 28	22100	9.19	APR 12	40	3.50
1941	MAY 22	9940	6.62	FEB 04	24	2.91
1942	JUL 19	4430	5.44	APR 26	1865	4.89
1943	AUG 05	3400	5.25	MAR 23	77	4.06
1944	JUL 15	3120	5.22	MAR 07	29	4.09
1945	AUG 05	13900	7.38	FEB 17	65	4.23
1946	AUG 26	9550	6.65	MAR 18	28	4.19
1947	JUL 07	7560	7.30	APR 24	200	4.41
1948	MAY 31	9190	7.82	APR 12	330	4.70
1949	JUN 04	5160	6.84	FEB 22	50	3.86
1950	SEP 10	3380	6.25	MAR 29	34	4.26
1951	AUG 23	4580	6.66	MAR 01	36	4.12
1952	AUG 21	5240	6.88	FEB 16	24	4.07
1953	JUL 30	1460	5.29	MAR 04	46	4.23
1954	JUN 30	6800	7.53	--	--	---
1955	MAY 18	3480	6.35	--	--	---

07108500 ST. CHARLES RIVER NEAR PUEBLO, CO

LOCATION.--Lat 38°12'39", long 104°31'57", in NW¼NW¼ sec.23, T.21 S., R.64 W., Pueblo County, on downstream side of righr abutment of highway bridge, 500 ft (150 m) downstream from Bessemer ditch siphon, 8 mi (13 km) upstream from mouth, and 5.7 mi (9.2 km) southeast of city hall in Pueblo.

DRAINAGE AREA.--468 mi² (1,212 km²).

GAGE DATUM.--4,690 ft (1,429.5 m).

REMARKS.--Diversions for irrigation of about 8,500 acres (34.4 km²) above and below station. Diversions above station to reservoirs for industrial use. No discernable snowmelt peaks during water years: 1953, 1955, 1957.

MAXIMUM DISCHARGE.--20,600 ft³/s (583.4 m³/s) May 19, 1955, gage height, 7.53 ft (2.30 m).

	RAIN PEAK			SNOW PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1943	AUG 18	3150	4.53	MAY 09	34	1.32
1944	JUL 18	4830	5.58	MAY 15	530	2.82
1945	AUG 05	7720	6.84	APR 21	39	1.52
1946	AUG 26	4610	4.78	MAY 11	25	1.03
1947	JUN 19	10800	7.10	MAY 11	382	2.36
1948	AUG 13	12300	8.52	MAY 12	9.0	1.65
1949	MAY 15	3320	4.35	APR 02	5.5	0.90
1950	JUL 26	16100	9.20	APR 05	6.6	0.66
1951	AUG 03	7350	6.48	APR 26	6.6	1.91
1952	JUL 30	3430	4.44	MAY 06	99	1.91
1953	AUG 16	7300	6.46	--	--	---
1955	MAY 19	20600	7.53	--	--	---

07111000 HUERFANO RIVER AT MANZANARES CROSSING, NEAR REDWING, CO

LOCATION.--Lat 37°43'40", long 105°21'03", in sec.5, T.27 S., R.71 W., Huerfano County, Hydrologic Unit 11020006, on left bank at Manzanares Crossing, 500 ft (150 m) downstream from private bridge, 0.2 mi (0.3 km) downstream from Manzanares Creek, and 3.5 mi (5.6 km) southwest of Redwing.

DRAINAGE AREA.--73 mi² (189 km²).

GAGE DATUM.--8,270 ft (2,520.7 m).

REMARKS.--Diversions above station for irrigation of about 1,800 acres (7.28 km²).

MAXIMUM DISCHARGE.--10,200 ft³/s (288.9 m³/s) Aug. 2, 1951, gage height, 8.14 ft (2.48 m).

	RAIN PEAK			SNOW PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1924	JUL 08	150	1.70	JUN 15	245	1.97
1925	JUL 04	295	2.27	JUN 28	48	1.40
1926	JUL 15	195	2.10	JUN 01	270	2.30
1927	SEP 13	192	2.25	APR 30	95	1.95
1928	JUL 17	157	2.14	MAY 29	236	2.36
1929	JUL 18	780	2.50	MAY 31	187	1.60
1930	JUL 22	238	2.10	JUN 16	88	1.10
1931	SEP 15	209	1.60	JUN 01	169	1.50
1932	AUG 21	330	2.01	MAY 22	251	1.72
1933	JUL 05	480	2.50	MAY 29	217	1.70
1934	JUL 27	1650	4.30	JUN 22	117	1.30
1935	JUL 28	1400	3.30	JUN 09	200	1.50
1936	AUG 03	920	2.80	MAY 30	98	1.00
1937	AUG 17	428	1.90	APR 15	320	1.69
1938	JUN 13	272	1.57	APR 30	152	1.08
1939	AUG 25	153	1.23	MAY 21	86	0.95
1940	AUG 21	291	1.64	JUN 20	68	0.90
1941	JUL 30	792	2.42	MAY 12	455	2.00
1942	MAY 26	511	1.65	MAY 09	495	1.66
1943	JUN 30	200	1.02	MAY 30	50	0.40
1944	JUL 04	304	1.30	MAY 15	336	1.39
1945	JUL 18	780	2.03	MAY 29	221	1.08
1946	JUL 19	700	3.00	JUN 07	58	1.30
1947	JUL 16	380	2.35	MAY 10	175	1.80
1948	JUN 19	261	2.09	MAY 21	190	1.70
1949	JUL 23	216	1.90	JUN 18	222	1.92
1950	JUL 10	114	1.54	JUN 03	46	1.20
1951	AUG 02	10200	8.14	MAY 28	128	1.60
1952	AUG 21	778	3.79	JUN 10	175	2.60
1954	AUG 05	100	2.09	MAY 22	63	1.91
1955	AUG 19	148	2.28	JUL 27	86	1.98
1957	AUG 17	960	3.30	MAY 31	143	2.25
1958	--	--	---	MAY 24	160	1.52
1959	JUN 20	99	1.30	--	--	---
1960	--	--	---	JUN 05	149	1.58
1961	JUL 05	182	1.69	--	--	---
1962	--	--	---	MAY 12	102	1.27
1963	AUG 13	116	1.36	--	--	---
1964	AUG 02	36	0.85	MAY 27	62	1.09
1965	JUN 18	228	1.65	MAY 22	112	1.29
1966	AUG 05	2420	4.15	JUN 01	59	1.10
1967	JUL 14	1060	2.93	MAY 26	94	1.15
1968	AUG 11	355	1.94	MAY 23	117	1.42
1969	AUG 14	190	1.57	MAY 29	83	1.21
1970	SEP 13	162	1.52	MAY 17	159	1.48
1971	JUL 23	64	1.09	JUN 08	62	1.03
1972	AUG 03	6520	6.36	JUN 17	50	1.02
1973	JUL 13	296	2.80	JUN 12	350	2.90
1974	AUG 04	29	1.55	MAY 11	44	1.71
1975	JUL 08	120	2.30	JUN 08	112	2.22
1976	JUL 27	112	2.19	--	--	---

07112500 HUERFANO RIVER AT BADITO, CO

LOCATION.--Lat 37°43'38", long 105°00'43", in sec.4, T.27 S., R.68 W., Huerfano County, on right bank at Badito, 460 ft (140 m) downstream from bridge on State Highway 69, 0.5 mi (0.8 km) downstream from South Oak Creek, and 15 mi (24 km) northwest of Walsenburg.

DRAINAGE AREA.--532 mi² (1,378 km²).

GAGE DATUM.--6,415 ft (1,955.3 m).

REMARKS.--Diversions above station for irrigation of about 15,800 acres (63.9 km²). No discernable snowmelt peaks during water years: 1949, 1950.

MAXIMUM DISCHARGE.--5,510 ft³/s (156.0 m³/s) July 15, 1923, gage height, 9.20 ft (2.80 m).

	RAIN PEAK			SNOW PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1923	JUL 15	5510	9.20	--	--	---
1939	AUG 02	3150	9.01	MAY 29	62	2.35
1940	SEP 21	1310	7.10	--	--	---
1947	JUL 09	1620	11.20	MAY 06	45	4.70
1948	MAY 31	467	8.62	APR 29	103	7.52
1949	JUL 25	430	6.62	--	--	---
1950	JUL 20	620	7.66	--	--	---
1951	AUG 03	1280	8.78	MAR 17	35	5.00
1952	JUL 09	288	6.22	APR 01	55	5.33
1953	AUG 16	2050	10.32	JAN 11	185	6.90
1954	AUG 06	1520	9.56	JAN 23	266	7.87

07114000 CUCHARAS RIVER AT BOYD RANCH, NEAR LA VETA, CO

LOCATION.--Lat 37°25'12", long 105°03'08", in SE¼NE¼SE¼ sec.24, T.30 S., R.69 W., Huerfano County, Hydrologic Unit 11020006, on left bank at Boyd Ranch, 29 ft (9 m) downstream from private bridge, 1.4 mi (2.3 km) downstream from Chaparral Creek, and 6.5 mi (10.5 km) southwest of La Veta.

DRAINAGE AREA.--56 mi² (145 km²).

GAGE DATUM.--7,781 ft (2,371.6 m).

REMARKS.--Diversions for irrigation of about 500 acres (2.02 km²) above station.

MAXIMUM DISCHARGE.--444 ft³/s (12.6 m³/s) May 23, 1955, gage height, 4.05 ft (1.23 m).

	RAIN PEAK			SNOW PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1935	JUL 12	172	1.80	MAY 25	189	1.85
1936	AUG 04	56	1.30	MAY 16	275	2.40
1937	JUN 03	291	2.43	MAY 18	220	2.24
1938	JUL 14	185	2.03	MAY 16	142	1.77
1939	JUN 02	92	1.52	MAY 12	80	1.43
1940	JUL 04	76	1.40	MAY 21	102	1.60
1941	JUN 16	166	2.19	MAY 13	315	3.04
1942	AUG 03	127	1.94	MAY 10	394	3.47
1943	AUG 18	32	1.00	MAY 09	57	1.30
1944	SEP 05	405	3.77	MAY 31	338	3.08
1945	JUN 11	95	1.70	MAY 07	131	2.01
1946	AUG 22	142	2.20	APR 29	55	1.32
1947	JUN 18	417	3.80	MAY 10	311	3.29
1948	JUN 28	76	1.71	MAY 25	289	2.87
1949	JUL 09	188	2.40	JUN 18	154	2.22
1950	JUL 12	25	1.28	JUN 03	17	1.17
1951	JUL 30	64	1.62	MAY 29	34	1.36
1952	JUL 25	97	1.82	JUN 11	305	2.35
1954	AUG 05	58	1.50	MAY 23	70	1.59
1955	JUN 05	187	2.51	MAY 23	444	4.05
1956	JUL 31	16	1.23	MAY 27	49	1.58
1957	AUG 09	281	3.24	JUN 01	365	3.65
1958	JUL 05	62	1.49	MAY 23	202	2.07
1959	AUG 23	35	1.40	MAY 15	100	1.93
1961	MAY 25	149	2.37	MAY 31	147	2.35
1962	MAY 28	73	1.91	MAY 13	172	2.51
1963	AUG 07	19	1.36	MAR 28	20	1.40
1964	MAY 26	87	2.11	MAY 28	73	2.00
1965	JUN 18	122	2.27	JUN 20	105	2.13
1966	AUG 01	165	2.66	MAY 10	32	1.52
1967	MAY 26	22	1.38	JUN 06	24	1.41
1968	JUL 05	75	1.87	MAY 31	126	2.55
1969	JUL 19	40	1.58	JUN 16	69	1.91
1970	JUN 22	91	2.00	MAY 22	119	2.22
1971	JUL 21	47	1.67	MAY 30	37	1.55
1972	JUN 09	25	1.38	JUN 12	20	1.32
1973	JUL 14	56	1.71	MAY 22	300	2.88
1974	JUL 26	29	1.44	MAY 10	42	1.56
1975	AUG 11	28	1.19	JUN 04	103	1.82
1976	JUL 20	35	1.37	JUN 12	63	1.54
1977	JUL 20	35	1.38	APR 29	38	1.42

07118000 APISHAPA RIVER NEAR AGUILAR, CO

LOCATION.--Lat 37°23'11", long 104°39'55", in NW¼SW¼ sec.4, T.31 S., R.65 W., Las Animas County, 1.5 mi (2.4 km) southwest of Aguilar and 1.4 mi (2.3 km) downstream from Mauricio Canyon Creek.

DRAINAGE AREA.--126 mi² (326 km²).

GAGE DATUM.--6,408 ft (1,953.2 m).

REMARKS.--Diversions for irrigation of about 1,600 acres (6.48 km²) above station.

MAXIMUM DISCHARGE.--4,500 ft³/s (127.4 m³/s) July 14, 1948, gage height, 7.84 ft (2.39 m).

	RAIN PEAK			SNOW PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1940	SEP 23	112	3.23	MAY 23	41	2.33
1941	JUN 17	3870	7.50	MAY 05	270	3.48
1942	APR 23	2300	7.05	APR 13	107	3.20
1943	AUG 28	1810	9.76	MAR 05	5.1	3.88
1944	SEP 05	3200	6.30	MAY 16	147	3.44
1945	AUG 15	3120	6.20	MAY 03	39	2.49
1946	SEP 15	1480	4.05	MAY 07	9.0	2.71
1947	JUL 07	1640	4.29	MAY 11	179	2.64
1948	JUL 14	4500	7.84	MAY 28	187	2.85
1949	SEP 09	3810	7.03	MAY 15	35	1.68
1950	JUL 12	448	3.53	JUN 04	0.40	1.88
1955	MAY 19	4300	7.64	--	--	---

07124500 PURGATOIRE RIVER AT TRINIDAD, CO

LOCATION.--Lat 37°10'15", long 104°30'31", in SW¼SE¼ sec.13, T.33 S., R.64 W., Las Animas County, Hydrologic Unit 11020010, on left bank 90 ft (27 m) downstream from railroad bridge and 680 ft (210 m) downstream from Animas Street Bridge in Trinidad.

DRAINAGE AREA.--795 mi² (2,059 km²).

GAGE DATUM.--5,980 ft (1,822.7 m).

REMARKS.--Diversions above station for irrigation of about 6,500 acres (26.3 km²). No discernable snowmelt peaks during water years: 1957, 1958.

MAXIMUM DISCHARGE.--28,000 ft³/s (793.0 m³/s) May 19, 1955, gage height, 14.35 ft (4.37 m).

	RAIN PEAK			SNOW PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1896	SEP 17	10500	8.20	--	--	---
1897	AUG 15	5400	6.00	--	--	---
1898	AUG 06	9500	7.70	--	--	---
1899	JUL 29	4300	5.60	--	--	---
1904	SEP 30	45400	16.60	--	--	---
1908	JUL 24	5500	8.70	--	--	---
1909	SEP 06	13300	12.30	--	--	---
1910	AUG 16	5700	8.80	--	--	---
1911	JUL 18	9400	10.60	--	--	---
1912	OCT 05	1750	7.60	--	--	---
1917	SEP 08	2260	4.00	--	--	---
1922	JUN 12	7400	5.35	MAY 31	463	1.90
1923	AUG 12	14100	5.50	MAR 26	320	1.50
1924	OCT 01	19800	6.30	MAY 14	481	2.01
1925	JUL 22	23500	10.30	FEB 05	69	1.40
1926	JUL 26	5290	3.76	APR 06	320	1.50
1927	JUL 29	20000	8.61	JUN 13	251	1.52
1928	AUG 17	9600	5.70	MAY 04	162	1.01
1929	MAY 30	13200	5.50	MAY 24	350	1.50
1930	JUL 31	13200	5.50	MAY 31	315	1.18
1931	JUL 03	9520	5.40	MAY 23	438	1.30
1932	JUL 23	7600	5.35	MAY 19	240	1.00
1933	AUG 01	12200	7.00	JUN 02	176	1.92
1934	JUL 26	1800	3.80	MAY 15	106	1.50
1935	JUL 14	2560	4.00	MAY 14	110	1.52
1936	JUL 30	10900	7.03	APR 25	67	1.65
1937	AUG 30	15000	9.48	MAY 20	410	2.30
1938	JUN 04	14800	9.50	APR 28	125	3.20
1939	OCT 08	1620	3.61	MAY 03	166	1.68
1940	SEP 10	2830	4.49	MAY 18	270	1.88
1941	MAY 02	9320	7.43	APR 28	644	2.55
1942	APR 23	27000	14.03	APR 15	437	2.47
1943	AUG 17	5180	5.15	MAY 10	110	0.84
1944	JUN 10	3560	4.02	APR 12	1490	2.13
1945	JUL 13	7100	6.30	MAY 30	226	1.84
1946	AUG 28	2740	3.54	APR 30	47	0.85
1947	AUG 24	6620	5.95	MAY 05	508	1.95
1948	JUN 19	8450	7.16	MAY 23	222	1.85
1949	JUN 21	4930	5.50	MAY 07	148	1.67
1950	AUG 02	23900	11.64	MAY 14	40	0.84
1951	JUL 24	3570	4.40	MAY 15	33	1.40
1952	AUG 21	9090	6.40	JUN 11	568	2.24
1953	SEP 01	7440	6.10	--	--	---
1954	JUL 22	9300	6.70	MAY 10	84	1.80
1955	MAY 19	28000	14.35	MAY 16	78	1.74
1956	AUG 02	6290	9.70	APR 05	21	4.81
1957	AUG 28	5520	9.41	--	--	---
1958	JUL 31	5290	9.55	--	--	---
1959	AUG 20	4150	4.24	JUN 08	120	1.27
1960	AUG 07	2940	3.53	JUN 06	150	1.33
1963	AUG 11	5020	5.28	MAY 27	44	2.15
1964	AUG 07	5800	5.63	MAY 23	120	2.43
1965	JUN 17	15700	13.35	MAY 03	93	2.28
1966	JUL 23	9660	8.33	MAY 23	89	2.10
1967	JUN 20	9050	9.70	MAY 22	17	1.62
1968	AUG 08	2970	5.50	JUN 01	320	3.08
1969	AUG 05	7160	8.54	JUN 03	136	2.57
1970	JUL 11	1690	4.36	MAY 25	216	2.82
1971	JUL 27	3090	5.63	JUN 09	76	2.22
1972	JUL 03	2790	5.48	MAY 30	54	2.07
1973	JUL 16	550	3.18	APR 15	810	3.48
1974	MAY 24	457	2.97	JUN 08	58	1.88
1975	JUL 12	1450	3.85	JUN 11	273	2.66
1976	JUL 20	3330	5.90	MAY 26	86	1.91

09033000 MEADOW CREEK NEAR TABERNASH, CO

LOCATION.--Lat 40°02'55", long 105°46'30", in sec.15, T.1 N., R.75 W., on right bank 30 ft (9.1 m) upstream from bridge and 5 mi (8.0 km) northwest of Tabernash.

DRAINAGE AREA.--8.0 mi² (20.7 km²).

GAGE DATUM.--9,780 ft (2,980.9 m).

REMARKS.--No diversion above station.

MAXIMUM DISCHARGE.--316 ft³/s (8.95 m³/s) June 10, 1952, gage height, 4.22 ft (1.29 m).

WATER YEAR	RAINFALL-RUNOFF PEAK DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	SNOWMELT-RUNOFF PEAK DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1936	--	--	---	MAY 31	177	3.37
1937	MAY 26	118	2.82	MAY 22	141	3.05
1938	SEP 02	30	1.65	JUN 03	197	3.67
1939	SEP 19	14	1.40	MAY 31	188	3.52
1940	JUL 17	17	2.10	MAY 31	148	3.22
1941	AUG 12	22	2.10	MAY 25	150	3.22
1942	JUL 18	40	2.39	JUN 05	204	3.52
1943	JUN 30	81	2.79	MAY 30	150	3.22
1944	JUN 28	53	2.57	JUN 09	244	3.72
1945	AUG 04	41	2.45	JUN 13	169	3.38
1946	JUL 13	20	2.12	JUN 06	162	3.29
1947	--	--	---	JUN 08	197	3.56
1948	JUL 06	19	2.13	MAY 22	222	3.61
1949	AUG 09	18	1.99	JUN 09	190	3.40
1950	JUL 02	21	2.19	JUN 07	186	3.42
1951	AUG 01	36	2.43	JUN 17	255	3.72
1952	AUG 10	39	2.50	JUN 10	316	4.22
1953	JUN 19	283	3.93	JUN 12	192	3.43
1954	SEP 24	13	1.97	MAY 17	103	2.98
1955	JUN 23	22	2.19	MAY 15	129	3.14
1956	AUG 01	12	1.94	MAY 23	230	3.76

09047000 BLUE RIVER AT DILLON, CO

LOCATION.--lat 39°36'50", long 106°03'05", in sec.18, T.5 S., R.77 W., on right bank 5 ft (2.4 m) from bridge on U.S. Highway 6 at east edge of Dillon, 300 ft (91 m) upstream from Snake River, and 1,000 ft (305 m) upstream from Tenmile Creek.

DRAINAGE AREA.--128 mi² (331.5 km²).

GAGE DATUM.--8,821 ft (2,688.6 m).

REMARKS.--Transmountain diversion above station by Boreas Pass ditch. Diversions for irrigation of about 150 acres (60.7 hm²) of hay meadows. Peak flows are not substantially affected during periods of diversion.

MAXIMUM OBSERVED DISCHARGE.--1,180 ft³/s (33.4 m³/s) June 14, 19, 24, gage height, 3.6 ft (1.10 m).

	RAINFALL-RUNOFF PEAK			SNOWMELT-RUNOFF PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1920	JUL 26	465	2.90	JUN 01	850	3.70
1921	JUL 18	508	2.95	JUN 10	1100	4.15
1922	AUG 02	254	2.32	JUN 09	486	2.90
1923	AUG 14	261	2.26	JUN 17	1000	3.40
1924	JUL 08	552	2.77	JUN 14	1180	3.60
1925	--	--	---	MAY 31	391	2.48
1926	--	--	---	JUN 07	1080	3.44
1927	--	--	---	JUN 29	660	3.04
1928	--	--	---	MAY 30	1030	3.22
1929	--	--	---	JUN 09	598	2.90
1930	AUG 14	333	2.40	MAY 31	592	2.89
1931	AUG 02	136	1.86	JUN 08	505	2.75
1932	JUL 13	387	2.62	MAY 23	499	2.84
1933	JUL 07	369	2.58	JUN 06	733	3.18
1934	JUL 24	122	1.77	MAY 31	401	2.55
1935	--	--	---	JUN 15	809	3.28
1936	--	--	---	MAY 31	777	3.24
1937	JUN 26	588	2.98	JUN 22	295	2.52
1938	JUL 15	315	2.57	JUN 06	732	3.37
1939	--	--	---	MAY 23	580	3.10
1940	JUL 15	148	2.25	JUN 02	392	3.05
1941	JUL 27	152	2.09	JUN 19	654	3.39
1942	JUL 08	250	2.38	JUN 07	714	3.43
1943	JUL 31	172	2.00	JUN 30	584	2.98
1944	JUL 20	166	2.02	JUN 10	642	3.15
1945	AUG 01	430	2.75	JUN 25	610	3.09
1946	JUL 14	304	2.43	JUN 09	585	3.00
1947	SEP 12	117	1.74	JUN 21	968	3.54
1948	JUN 30	94	1.88	JUN 08	940	3.85
1949	JUL 07	756	3.67	JUN 18	950	4.14
1950	SEP 08	63	1.41	JUN 18	656	3.38
1951	JUL 29	374	2.60	JUN 21	850	3.77
1952	JUL 06	269	2.31	JUN 07	904	3.93
1953	JUL 17	248	2.13	JUN 14	930	3.75

09066000 BLACK GORE CREEK NEAR MINTURN, CO

LOCATION.--Lat 39°35'47", long 106°15'52", Eagle County, Hydrologic Unit 14010003, on right bank 200 ft (61 m) from U.S. Highway 6, 0.3 mi (0.5 km) upstream from Timber Creek, 2.5 mi (4.0 km) upstream from mouth, and 9 mi (14 km) east of Minturn.

DRAINAGE AREA.--11.8 mi² (30.6 km²).

GAGE DATUM.--9,150 ft (2,789 m).

REMARKS.--No diversion above station. Natural regulation by two small recreation lakes above station.

MAXIMUM DISCHARGE.--365 ft³/s (10.3 m³/s) June 7, 1952, gage height, 5.42 ft (1.652 m).

	RAINFALL-RUNOFF PEAK			SNOWMELT-RUNOFF PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1948	MAY 18	207	4.75	MAY 22	300	5.15
1949	JUN 23	108	4.25	JUN 11	227	4.84
1950	JUN 06	233	4.86	JUN 01	240	4.89
1951	JUN 17	228	4.79	JUN 19	234	4.83
1952	JUN 29	36	3.65	JUN 07	365	5.42
1953	JUN 18	98	4.17	JUN 12	262	5.00
1954	JUN 15	28	3.50	MAY 17	94	4.05
1955	JUN 13	53	3.67	MAY 14	147	4.31
1956	JUN 22	72	3.68	--	--	---
1964	AUG 06	15	3.32	JUN 07	168	4.37
1965	JUL 31	58	3.71	JUN 16	340	4.90
1966	AUG 12	9.8	3.10	MAY 07	85	3.83
1967	JUN 20	66	3.67	MAY 24	218	4.33
1968	AUG 06	46	3.53	JUN 05	220	4.35
1969	JUN 27	46	3.58	MAY 26	165	4.10
1970	JUN 28	68	3.59	MAY 27	255	4.39
1971	JUL 19	15	3.18	JUN 17	182	4.17
1972	JUN 18	80	3.66	JUN 01	222	4.32
1973	JUN 10	210	4.26	JUN 12	220	4.29
1974	JUL 16	54	3.40	MAY 29	222	4.17
1975	--	--	---	JUN 15	205	4.10
1976	AUG 02	24	3.03	JUN 04	161	3.92
1977	JUL 28	60	3.26	JUN 01	92	3.42

09068000 BRUSH CREEK NEAR EAGLE, CO

LOCATION.--lat 39°33'26", long 106°45'45", in SW¼SE¼ sec.1, T.6 S., R.84 W., Eagle County, on left bank 150 ft (46 m) downstream from Beecker Creek, 1.2 mi (1.9 km) downstream from confluence of East and West Brush Creeks, and 7.5 mi (12 km) southeast of Eagle.

DRAINAGE AREA.--69.7 mi² (180 km²).

GAGE DATUM.--7,450 ft (2,270.8 m).

REMARKS.--Small diversions for irrigation of hay meadows above and below station. One small diversion to Gypsum Creek above station. Slight regulation by Zurcher's Lake, capacity, 450 acre-ft (182 m³) on West Brush Creek for irrigatio of hay meadows above station.

MAXIMUM DISCHARGE.--775 ft³/s (21.9 m³/s) June 7, 1952, gage height, 5.10 ft (1.55 m).

	RAINFALL-RUNOFF PEAK			SNOWMELT-RUNOFF PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1951	JUL 17	291	3.69	JUN 21	294	3.70
1952	AUG 10	162	3.44	JUN 07	775	5.10
1953	JUL 30	203	3.54	JUN 12	439	4.25
1954	JUL 14	61	2.96	MAY 21	151	3.42
1955	AUG 16	55	2.94	JUN 08	222	3.60
1956	AUG 01	70	3.21	JUN 01	274	4.13
1957	JUL 18	288	3.75	JUN 29	690	4.55
1958	SEP 19	31	2.77	JUN 05	445	4.09
1959	JUN 20	566	4.37	JUN 08	277	3.85
1960	JUL 11	114	3.14	JUN 21	306	3.74
1961	SEP 10	74	3.10	JUN 12	176	3.54
1962	AUG 04	82	3.09	JUN 30	253	3.71
1963	AUG 08	68	2.99	JUN 19	130	3.31
1964	AUG 05	108	3.17	JUN 16	214	3.65
1965	JUL 31	201	3.68	JUN 17	397	4.05
1966	AUG 04	62	3.00	JUN 03	170	3.45
1967	SEP 09	41	2.74	JUN 20	242	3.71
1968	AUG 08	152	3.47	JUN 20	400	4.06
1969	JUL 20	118	3.28	MAY 28	220	3.66
1970	SEP 13	108	3.22	MAY 22	301	3.72
1971	AUG 27	63	3.01	JUN 21	333	3.84
1972	SEP 20	59	3.00	JUN 07	309	3.81

09070000 EAGLE RIVER BELOW GYPSUM, CO

LOCATION.--Lat 39°38'58", long 106°57'11", in SW¼NW¼ sec.5, T.5 S., R.85 W., Eagle County, Hydrologic Unit 14010003, on right bank 30 ft (9 m) downstream from bridge on U.S. Highways 6 and 24 at Gypsum and 150 ft (46 m) downstream from Gypsum Creek.

DRAINAGE AREA.--944 mi² (2,445 km²).

GAGE DATUM.--6,275 ft (1,913 m).

REMARKS.--Transbasin diversions above station from Robinson Reservoir, capacity, 2,520 acre-ft (3.11 hm³) to Tenmile Creek for mining development. Many small diversions for irrigation of hay meadows above station.

MAXIMUM DISCHARGE.--6,580 ft³/s (186 m³/s) June 11, 1952, gage height, 9.15 ft (2.789 m).

	RAINFALL-RUNOFF PEAK			SNOWMELT-RUNOFF PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1947	AUG 09	4180	7.42	JUN 21	5150	8.05
1948	SEP 29	880	4.51	MAY 22	4880	8.02
1949	JUL 25	1930	5.74	JUN 18	4530	7.77
1950	JUN 18	660	4.20	JUN 07	3840	7.25
1951	JUL 17	2230	6.13	JUN 21	4840	8.19
1952	JUL 28	1490	5.31	JUN 11	6580	9.15
1953	JUL 30	1410	5.22	JUN 14	5780	8.62
1954	JUL 13	820	4.50	MAY 22	1850	5.81
1955	AUG 04	1140	4.95	JUN 09	2080	5.90
1956	AUG 01	560	4.11	JUN 03	4260	7.58
1957	AUG 16	920	4.63	JUN 29	6460	9.17
1958	JUN 06	5140	8.19	MAY 29	4820	7.98
1959	SEP 27	300	3.58	JUN 08	3980	7.33
1960	AUG 01	550	4.02	JUN 08	4040	7.42
1961	SEP 10	1030	4.77	MAY 30	2640	6.36
1962	AUG 04	650	4.27	JUN 15	4040	7.42
1963	AUG 06	2050	6.12	JUN 19	1590	5.44
1964	AUG 04	650	4.51	MAY 27	2950	6.50
1965	JUL 19	2570	6.23	JUN 18	5260	8.22
1966	JUL 01	890	4.63	MAY 08	2010	5.64
1967	JUL 17	1000	4.81	MAY 26	2730	6.30
1968	AUG 07	2010	5.74	JUN 06	3920	7.27
1969	JUN 24	2360	6.07	MAY 27	2800	6.48
1970	SEP 06	730	4.44	MAY 22	3890	7.29
1971	SEP 08	850	4.61	JUN 22	3920	7.45

09081550 CRYSTAL RIVER AT PLACITA, CO

LOCATION.--Lat 39°08'34", long 107°15'26", in SE¼ sec.31, T.10 S., R.88 W., Pitkin County, on right bank 0.1 mi (0.2 km) downstream from highway bridge, 0.4 mi (0.6 km) upstream from Bears Gulch, 0.7 mi (1.1 km) north of Placita, and 3.0 mi (4.8 km) upstream from Coal Creek.

DRAINAGE AREA.--107 mi² (277 km²).

GAGE DATUM.--7,372 ft (2,247 m).

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

MAXIMUM DISCHARGE.--1,940 ft³/s (54.9 m³/s) June 24, 1971, gage height, 6.00 ft (1.83 m).

	RAINFALL-RUNOFF PEAK			SNOWMELT-RUNOFF PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1960	JUL 31	373	3.88	JUN 17	1430	5.42
1961	SEP 10	295	3.68	JUN 09	1500	5.49
1962	OCT 09	238	3.42	JUN 27	1680	5.65
1963	AUG 11	172	3.24	MAY 20	1260	5.14
1964	AUG 20	295	3.69	JUN 15	1490	5.50
1965	SEP 05	485	4.17	JUN 20	1710	5.65
1966	AUG 03	235	3.43	JUN 02	940	4.91
1967	MAY 20	1090	5.00	MAY 23	1670	5.56
1968	AUG 06	578	4.51	JUN 20	1880	6.00
1969	SEP 09	255	3.68	MAY 27	1460	5.60
1970	SEP 13	1000	5.23	JUN 25	1690	5.91
1971	SEP 08	421	4.26	JUN 24	1940	6.00
1972	SEP 19	548	4.54	JUN 07	1630	5.92
1973	JUL 19	1250	5.49	JUN 28	1930	6.23
1975	JUL 26	929	5.01	JUL 03	1820	6.08
1976	JUL 19	455	4.25	JUN 09	1540	5.72
1977	JUL 24	161	3.36	JUN 01	929	5.01

09081600 CRYSTAL RIVER ABOVE AVALANCHE CREEK, NEAR REDSTONE, CO

Location.--Lat 39°13'56", long 107°13'36", in SE¼SW¼ sec.33, T.9 S., R.88 W., Pitkin County, Hydrologic Unit 14010004, on right bank 1.2 mi (1.9 km) upstream from Avalanche Creek and 3.6 mi (5.8 km) north of Redstone.

DRAINAGE AREA.--167 mi² (433 km²).

GAGE DATUM.--6,905 ft (2,015 m).

REMARKS.--A few small diversions for irrigation above station.

MAXIMUM DISCHARGE.--3,980 ft³/s (113 m³/s) July 1, 1957, gage height, 5.65 ft (1.722 m).

	RAINFALL-RUNOFF PEAK			SNOWMELT-RUNOFF PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1956	JUL 01	618	2.63	JUN 02	2400	4.52
1957	AUG 31	559	2.59	JUL 01	3980	5.65
1958	AUG 28	693	1.79	JUN 06	2890	4.90
1959	JUL 03	584	2.72	JUN 14	2100	4.28
1960	JUL 31	391	2.34	JUN 04	1760	4.01
1961	SEP 23	591	2.85	JUN 09	2270	4.72
1962	OCT 09	289	2.26	JUN 27	2620	5.05
1963	MAR 28	310	2.60	MAY 20	1410	4.21
1964	AUG 04	1190	4.02	MAY 21	2240	4.85
1965	SEP 05	556	3.22	JUN 21	2780	5.22
1966	JUN 30	627	3.30	JUN 02	1250	4.12
1967	JUL 11	768	3.47	MAY 23	2580	5.12
1968	AUG 06	670	3.37	JUN 21	2690	5.18
1969	JUN 24	1290	4.15	MAY 27	1930	4.70
1970	SEP 13	1250	4.14	JUN 26	1980	4.70
1971	SEP 08	520	3.13	JUN 22	2140	5.01
1972	SEP 19	658	3.35	JUN 07	2080	4.81
1973	JUL 20	1480	4.40	JUN 28	2980	5.39
1974	JUL 21	560	3.20	MAY 29	1850	4.68
1975	SEP 14	115	2.10	JUL 03	2580	5.14
1976	JUL 19	465	3.03	JUN 10	1910	4.73
1977	JUL 24	1730	4.52	--	--	---
1978	SEP 18	117	2.03	--	--	---

09082500 CRYSTAL RIVER NEAR REDSTONE, CO

LOCATION.--Lat 39°17'55", long 107°12'49", in NE¼ sec.9, T.9 S., R.88 W., on right bank 20 ft (6.1 m) downstream fromprivate bridge, 75 ft (23 m) downstream from Nettle Creek, and 7 mi (11.3 km) north of Redstone.

DRAINAGE AREA.--229 mi² (593.1 km²).

GAGE DATUM.--6,484 ft (1,976.3 m).

REMARKS.--Diversions above station for irrigation of about 115 acres (46.5 hm²) above station and about 2,040 acres (826 hm²) below.

MAXIMUM DISCHARGE.--4,400 ft³/s (124.6 m³/s) June 21, 1938, gage height, 5.96 ft (1.82 m).

	RAINFALL-RUNOFF PEAK			SNOWMELT-RUNOFF PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1937	JUL 28	530	2.58	MAY 13	2090	4.14
1938	SEP 07	440	2.33	JUN 21	4400	5.96
1939	SEP 07	562	2.55	JUN 05	1960	4.00
1940	SEP 23	430	2.28	JUN 01	2090	4.14
1941	JUL 19	1110	3.40	MAY 13	2940	4.85
1942	JUL 18	949	3.11	JUN 19	2690	4.71
1943	AUG 19	740	2.83	JUN 02	3110	4.96
1944	AUG 25	160	1.50	JUN 25	2870	4.78
1945	JUL 25	1060	4.98	JUN 25	1930	4.17
1946	AUG 24	228	3.17	JUN 18	2910	6.02
1947	AUG 22	356	4.98	JUN 21	3220	7.47
1948	JUL 27	1060	5.95	JUN 04	3290	7.58
1949	JUL 19	1060	6.13	JUN 18	3960	8.02
1950	SEP 20	335	5.20	JUN 17	3090	7.55
1951	JUL 21	1280	6.50	JUN 21	3250	7.70
1952	AUG 10	937	6.63	JUN 15	3960	8.58
1953	AUG 02	550	7.00	JUN 14	4110	9.03
1954	SEP 13	310	6.44	MAY 21	1220	7.73
1955	JUL 27	994	7.46	JUN 23	2480	8.65
1956	JUL 13	616	7.18	JUN 02	2720	8.83
1957	AUG 31	547	2.76	JUL 01	4390	9.24
1958	AUG 28	188	1.65	JUN 06	2800	5.47
1959	AUG 27	192	1.76	JUN 16	2540	4.86
1960	JUL 31	446	2.43	JUN 04	2120	4.73
1961	SEP 23	766	3.19	MAY 28	2350	5.49
1962	SEP 22	172	1.77	JUN 28	2710	5.83
1963	AUG 12	755	3.25	MAY 20	2040	4.91

09082800 NORTH THOMPSON CREEK NEAR CARBONDALE, CO

LOCATION.--Lat 39°19'47", long 107°19'58", in NW¼SE¼ sec.28, T.8 S., R.89 W., Pitkin County, on right bank 0.4 mi (0.6 km) downstream from Yank Creek and 8.5 mi (13.7 km) southwest of Carbondale.

DRAINAGE AREA.--26.8 mi² (69.4 km²).

GAGE DATUM.--8,120 ft (2,475 m).

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

MAXIMUM DISCHARGE.--365 ft³/s (10.3 m³/s) May 22, 1970, gage height, 4.00 ft (1.22 m).

	RAINFALL-RUNOFF PEAK			SNOWMELT-RUNOFF PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1964	AUG 03	14	2.38	MAY 17	322	4.05
1965	JUL 12	113	3.04	JUN 12	312	3.97
1966	AUG 03	86	2.90	MAY 09	113	2.97
1967	JUL 31	150	3.22	MAY 12	73	2.82
1968	AUG 03	26	2.27	MAY 31	302	3.85
1969	JUL 21	217	3.43	APR 24	169	3.16
1970	JUN 08	181	3.21	MAY 22	365	4.00
1971	AUG 27	28	2.13	MAY 16	167	3.05
1972	JUN 09	76	2.50	MAY 03	124	2.73
1973	JUL 19	28	2.07	JUN 15	308	3.58
1974	JUN 05	126	2.78	--	--	---
1975	JUL 08	61	2.42	--	--	---
1976	JUN 17	18	2.00	--	--	---
1977	SEP 20	49	2.33	--	--	---
1978	AUG 26	40	1.39	--	--	---

09083000 THOMPSON CREEK NEAR CARBONDALE, CO

LOCATION.--Lat 39°19'50", long 107°13'25", in sec.28, T.8 S., R.88 W., Pitkin County, on right bank 800 ft (244 m) upstream from Camp Foster Creek, 1 mi (1.6 km) upstream from mouth, and 5 mi (8.0 km) south of Carbondale.

DRAINAGE AREA.--75.7 mi² (196.1 km²).

GAGE DATUM.--6,450 ft (1,966.0 m).

REMARKS.--Small diversions for irrigation of hay meadows above station. Transbasin diversions above station through Thompson Creek feeder ditch to West Divide Creek.

MAXIMUM DISCHARGE.--800 ft³/s (22.7 m³/s) June 8, 1957, gage height, 4.13 ft (1.26 m).

	RAINFALL-RUNOFF PEAK			SNOWMELT-RUNOFF PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1951	JUL 21	285	3.15	MAY 28	318	3.23
1952	JUL 27	450	3.55	JUN 07	726	3.81
1953	JUN 19	320	3.36	MAY 28	474	3.59
1954	JUL 15	30	2.10	MAY 09	163	2.91
1955	AUG 27	730	4.40	MAY 14	314	3.48
1956	AUG 16	76	2.57	MAY 07	298	3.36
1957	JUL 29	260	3.10	JUN 08	800	4.13
1958	AUG 18	33	2.06	MAY 28	422	3.40
1959	JUN 20	780	3.65	MAY 14	341	3.14
1960	JUL 08	28	1.85	MAY 13	270	2.90
1965	JUL 12	293	3.28	JUN 12	630	3.87
1966	AUG 03	56	2.03	MAY 07	217	2.96
1967	JUL 31	200	---	MAY 26	220	3.30
1968	AUG 09	180	3.17	MAY 31	600	---

09085000 ROARING FORK RIVER AT GLENWOOD SPRINGS, CO

LOCATION.--Lat 39°32'37", long 107°19'44", in SW¼SE¼ sec.9, T.6 S., R.89 W., Garfield County, Hydrologic Unit 14010004, on left bank at Glenwood Springs, 2,100 ft (640 m) upstream from mouth.

DRAINAGE AREA.--1,451 mi² (3,758 km²).

GAGE DATUM.--5,721 ft (1,743.7 m).

REMARKS.--Diversions above station for irrigation of about 35,000 acres (142 km²). Transmountain diversions to Arkansas River basin through Busk-Ivanhoe tunnel since 1925, Twin Lakes tunnel since 1935, and Charles H. Boustead tunnel since 1972. Natural flow of stream affected by storage in Ruedi Reservoir on Fryingpan River (station 09080190) Since May 1968.

MAXIMUM DISCHARGE.--19,000 ft³/s (538 m³/s) July 1, 1957, gage height, 8.65 ft (2.633 m).

	RAINFALL-RUNOFF PEAK			SNOWMELT-RUNOFF PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1918	AUG 04	1390	1.92	JUN 14	17600	8.45
1919	AUG 03	1970	2.40	MAY 29	7590	5.15
1920	AUG 03	3030	3.10	JUN 09	12300	6.78
1921	SEP 01	2470	2.88	JUN 14	17600	8.70
1922	AUG 16	1310	2.00	MAY 28	9000	---
1923	AUG 02	2330	2.82	JUN 17	9580	5.85
1924	JUL 08	3850	3.70	JUN 14	12500	6.85
1925	SEP 19	2670	3.05	JUN 22	8880	5.60
1927	AUG 03	2340	3.13	JUN 28	8890	6.07
1928	JUL 17	3320	3.75	MAY 31	11000	6.57
1929	SEP 23	2730	3.39	JUN 10	10500	6.43
1930	JUL 14	2500	3.16	JUN 13	8840	5.79
1931	JUL 04	2220	2.97	JUN 08	5210	4.57
1932	--	--	---	JUN 26	8560	5.99
1933	--	--	---	JUN 12	12200	7.10
1934	JUL 21	970	1.70	MAY 12	4100	4.06
1935	--	--	---	JUN 15	12500	7.35
1936	--	--	---	MAY 30	8610	5.84
1937	JUL 29	1600	2.40	MAY 18	6800	5.29
1938	SEP 08	1470	2.20	JUN 22	13400	7.68
1939	SEP 07	1160	1.77	JUN 01	5820	4.61
1940	SEP 22	1220	1.83	JUN 01	5320	4.38
1941	JUL 20	2210	2.70	MAY 14	8300	5.64
1942	JUL 18	1990	2.54	JUN 12	8690	5.65
1943	JUL 30	2040	2.58	JUN 02	9130	5.82
1944	JUL 20	2030	2.57	JUN 25	7360	5.04
1945	AUG 01	3190	3.29	JUN 25	7520	5.10
1946	JUL 19	1870	2.40	JUN 18	9580	6.03
1947	AUG 05	2220	2.65	JUN 21	11100	6.39
1948	JUL 29	2370	2.83	JUN 03	10400	6.15
1949	JUL 25	1640	2.47	JUN 18	10400	6.72
1950	JUL 11	2710	3.25	JUN 17	7090	5.39
1951	AUG 03	2480	3.17	JUN 22	8290	6.08
1952	AUG 11	2230	2.92	JUN 11	13000	7.74
1953	AUG 02	2250	2.79	JUN 14	11500	7.23
1954	JUL 18	1270	2.15	MAY 22	3480	3.80
1955	AUG 04	2270	2.91	JUN 14	5480	4.57
1956	AUG 17	575	1.31	JUN 03	8920	6.10
1957	AUG 31	1650	2.33	JUL 01	19000	8.64
1958	AUG 13	635	1.27	JUN 06	13900	7.25
1959	AUG 01	1040	1.77	JUN 15	7880	4.95
1960	JUL 01	2140	2.90	JUN 05	6820	5.25
1961	SEP 23	1910	2.73	JUN 10	5660	4.78
1962	OCT 09	1450	2.37	JUN 14	7860	5.66
1963	AUG 12	1040	2.00	MAY 21	3670	3.82
1964	JUL 24	1640	2.50	MAY 27	5930	4.88
1965	AUG 01	3630	3.75	JUN 21	9450	6.30
1966	JUL 01	2450	3.10	MAY 08	3890	3.87
1967	JUL 24	2240	2.70	MAY 26	6050	4.97

09092500 BEAVER CREEK NEAR RIFLE, CO

LOCATION.--Lat 39°28'19", long 107°49'55", in NW¼NE¼ sec.1, T.7 S., R.94 W., Garfield County, Hydrologic Unit 14010005, on left bank 150 ft (46 m) upstream from unnamed tributary, 200 ft (61 m) upstream from road bridge, 4.0 mi (6.4 km) upstream from mouth, and 4.4 mi (7.7 km) southwest of Rifle.

DRAINAGE AREA.--7.90 mi² (20.46 km²).

GAGE DATUM.--6,685 ft (2,038 m).

REMARKS.--Diversions above station for irrigation of about 170 acres (688,000 m²) below station and about 380 acres (1.54 km²) in Mann Creek basin.

MAXIMUM DISCHARGE.--85 ft³/s (2.41 m³/s) May 24, 1964, gage height, 4.00 ft (1.219 m).

	RAINFALL-RUNOFF PEAK			SNOWMELT-RUNOFF PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1953	JUN 19	27	3.37	MAY 29	32	3.46
1954	JUL 25	7.0	2.85	MAY 21	27	3.33
1955	SEP 19	3.0	2.74	MAY 14	43	3.63
1956	JUL 31	14	3.20	MAY 07	22	3.38
1957	AUG 30	9.0	2.78	JUN 05	72	3.60
1958	SEP 13	7.0	3.02	MAY 29	57	3.70
1959	JUN 28	12	3.15	MAY 15	31	3.42
1960	SEP 07	2.0	2.85	JUN 01	29	3.40
1961	SEP 18	6.0	2.97	MAY 22	32	3.45
1962	JUN 30	29	3.39	MAY 12	65	3.71
1963	SEP 06	13	3.16	MAY 09	29	3.43
1964	AUG 07	7.0	3.14	MAY 24	85	4.00
1965	JUL 12	16	3.32	JUN 07	55	3.73
1966	AUG 02	3.0	2.98	MAY 09	39	3.54
1967	JUN 20	38	3.58	MAY 22	49	3.67
1968	AUG 14	8.0	3.17	JUN 05	63	3.80
1969	JUN 24	29	3.45	MAY 03	43	3.63
1970	JUN 10	49	3.64	MAY 22	74	3.87
1971	AUG 17	3.0	2.98	JUN 17	40	3.57
1972	SEP 19	7.0	3.13	MAY 20	25	3.43
1973	JUL 19	12	3.20	JUN 10	75	3.87
1974	AUG 09	4.0	3.00	MAY 10	33	3.49
1975	JUL 09	76	3.94	JUN 15	63	3.82
1976	JUN 22	18	3.36	MAY 17	35	3.60
1977	--	--	---	MAY 07	7.0	3.14

09097500 BUZZARD CREEK NEAR COLLBRAN, CO

LOCATION.--Lat 39°16'20", long 107°51'00", in SE¼SW¼ sec.14, T.9 S., R.94 W., Mesa County, Hydrologic Unit 14010005, on right bank 150 ft (46 m) upstream from county bridge, 1.1 mi (1.8 km) upstream from Brush Creek, and 7 mi (11 km) east of Collbran.

DRAINAGE AREA.--143 mi² (370 km²).

GAGE DATUM.--6,955 ft (2,120 m).

REMARKS.--Diversions for irrigation of about 1,300 acres (5.26 km²) above station. Erie Canal imports water from Plateau Creek for irrigation of about 280 acres (1.13 km²) above station. Small diversions above station from Middleton and Uhl Creeks to West Mamm Creek (Mamm Creek basin).

MAXIMUM DISCHARGE.--1,630 ft³/s (46.2 m³/s) May 14, 1941, gage height, 7.80 ft (2.377 m).

	RAINFALL-RUNOFF PEAK			SNOWMELT-RUNOFF PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1934	MAY 30	21	1.75	APR 26	137	2.91
1935	--	--	---	MAY 26	489	5.07
1936	--	--	---	MAY 05	476	5.00
1937	JUL 13	105	2.77	MAY 09	631	---
1938	JUN 13	374	4.12	MAY 16	877	6.63
1939	JUN 01	158	2.94	MAY 06	318	3.88
1940	SEP 30	75	2.23	MAY 07	345	3.96
1941	OCT 05	38	1.95	MAY 14	1630	7.80
1942	OCT 05	38	1.95	MAY 24	1400	7.07
1943	JUN 02	342	3.73	MAY 01	300	3.55
1944	JUL 04	139	2.58	MAY 17	1530	7.40
1945	AUG 08	45	1.88	MAY 12	678	4.91
1946	JUN 18	78	2.13	APR 29	450	4.07
1947	JUN 22	284	3.47	MAY 05	898	5.65
1948	JUN 28	80	2.37	APR 29	930	5.75
1949	JUL 07	39	1.76	MAY 04	487	4.40
1950	JUL 11	25	1.62	MAY 23	346	3.81
1951	JUN 21	53	1.97	MAY 28	244	3.32
1952	JUL 07	42	1.85	MAY 05	914	5.78
1953	JUN 19	98	2.40	MAY 29	500	4.40
1954	JUL 18	13	1.35	MAY 10	184	2.95
1955	OCT 10	13	1.83	MAY 08	355	3.82
1956	JUN 05	115	2.55	MAY 08	266	3.43
1957	JUN 16	710	5.00	JUN 05	968	5.86
1958	JUN 06	355	3.74	MAY 08	1040	6.16
1959	JUN 29	23	1.64	MAY 15	268	3.44
1960	JUN 09	117	2.57	APR 10	563	4.61
1961	--	--	---	MAY 12	318	3.67
1962	JUN 30	147	2.73	MAY 12	902	5.79
1963	JUN 03	66	2.00	MAY 07	150	2.70
1964	AUG 13	33	1.82	MAY 18	758	5.26
1965	JUL 12	66	2.05	APR 21	611	4.91
1966	JUN 01	106	2.35	MAY 03	260	3.35
1967	JUN 21	68	2.15	MAY 22	214	3.04
1968	AUG 09	61	2.02	MAY 22	860	5.63
1969	JUN 24	465	4.21	APR 24	533	4.44
1970	JUN 11	360	3.93	MAY 18	1160	7.04
1971	SEP 04	22	1.69	MAY 17	680	4.97
1972	JUN 09	125	2.60	MAY 21	214	3.07
1973	JUL 20	158	3.48	MAY 19	1260	6.97
1974	JUL 19	78	1.52	APR 27	615	4.81
1975	SEP 14	15	1.42	MAY 21	1130	6.53
1976	JUN 23	82	1.90	MAY 16	274	3.51

09125000 CURECANTI CREEK NEAR SAPINERO, CO

LOCATION.--Lat 38°29'15", long 107°24'51", in SW¼SW¼ sec.21, T.49 N., R.5 W., Gunnison County, on downstream side of left pier of bridge on State Highway 92, 2.5 mi (4.0 km) upstream from mouth and 6 mi (9.6 km) west of Sapinero.

DRAINAGE AREA.--35.0 mi² (90.6 km²).

GAGE DATUM.--7,867 ft (2,397.9 m).

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

MAXIMUM DISCHARGE.--480 ft³/s (13.6 m³/s) June 5, 1957, gage height, 4.20 ft (1.28 m).

	RAINFALL-RUNOFF PEAK			SNOWMELT-RUNOFF PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1946	JUL 19	29	1.96	JUN 07	248	3.27
1947	JUL 03	109	4.47	MAY 03	322	3.55
1948	JUL 28	12	2.11	MAY 22	422	4.44
1949	JUN 23	260	3.58	JUN 18	304	3.80
1950	JUL 11	28	2.33	MAY 17	268	3.61
1951	JUL 21	22	2.11	MAY 27	263	3.85
1952	SEP 21	81	2.76	JUN 06	422	4.15
1953	JUL 18	57	2.89	MAY 28	312	4.10
1954	JUL 18	21	2.58	MAY 15	92	3.26
1955	JUL 12	38	2.75	MAY 14	160	3.56
1956	JUL 01	39	2.75	JUN 02	225	3.78
1957	JUL 26	125	3.25	JUN 05	480	4.20
1958	SEP 13	22	2.66	MAY 28	426	4.03
1959	JUN 19	90	3.16	MAY 14	183	3.55
1960	JUL 31	14	2.48	MAY 13	244	3.78
1961	SEP 20	30	2.79	MAY 28	163	3.52
1962	JUN 30	127	3.41	MAY 09	274	3.90
1963	JUN 02	90	3.17	MAY 08	152	3.55
1964	AUG 13	24	2.65	MAY 22	360	4.00
1965	SEP 03	64	3.03	JUN 12	328	3.89
1966	JUN 09	90	3.18	MAY 08	218	3.65
1967	SEP 12	29	2.76	MAY 22	142	3.44
1968	JUL 08	62	2.98	JUN 05	315	3.82
1969	JUL 25	72	3.08	MAY 21	210	3.58
1970	SEP 13	138	4.07	MAY 23	320	4.21
1971	AUG 19	11	2.83	MAY 29	210	3.99
1972	SEP 20	24	3.08	JUN 08	135	3.69

09127500 CRYSTAL CREEK NEAR MAHER, CO

LOCATION.--Lat 38°33'05", long 107°30'21", in SE¼ sec.35, T.50 N., R.6 W., Montrose County, on left bank 640 ft (195 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).

GAGE DATUM.--8,070 ft (2,459.7 m).

REMARKS.--Small diversions for irrigation of hay meadows above station. Diversions above station for irrigation of about 800 acres (324 hm²) below station and about 700 acres (283 hm²) in Iron Creek basin.

MAXIMUM DISCHARGE.--542 ft³/s (15.3 m³/s) Apr. 29, 1948, gage height, 5.05 ft (1.54 m).

	RAINFALL-RUNOFF PEAK			SNOWMELT-RUNOFF PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1946	AUG 12	92	2.89	APR 25	194	3.44
1947	JUN 11	154	3.28	MAY 03	416	4.50
1948	AUG 06	33	2.52	APR 29	542	5.05
1949	JUN 23	279	3.93	APR 28	228	3.76
1950	JUL 11	84	2.89	APR 21	186	3.58
1951	JUL 20	56	2.77	MAY 27	270	3.96
1952	AUG 28	40	2.52	MAY 05	420	4.61
1953	AUG 01	55	2.70	MAY 28	436	4.60
1954	SEP 12	42	2.63	MAY 06	61	2.78
1961	AUG 16	59	1.90	MAY 19	187	2.59
1962	JUN 30	95	2.12	APR 20	388	3.36
1963	AUG 04	26	1.55	MAY 08	121	2.34
1964	JUN 16	128	2.39	MAY 19	412	3.49
1965	SEP 03	85	2.20	MAY 22	348	3.22
1966	MAY 26	188	2.74	MAY 07	251	2.96
1967	JUN 20	77	2.32	MAY 22	128	2.56
1968	JUL 31	35	1.83	JUN 02	412	3.44
1969	JUN 28	110	2.33	APR 21	265	2.94

09134500 LEROUX CREEK NEAR CEDAREDGE, CO

LOCATION.--Lat 38°55'35", long 107°47'35", in NW¼ sec.16, T.13 S., R.93 W., Delta County, on right bank 200 ft (61 m) upstream from headgate of Overland ditch, 400 ft (122 m) upstream from Cow Creek, and 7 mi (11.3 km) northeast of Cedaredge.

DRAINAGE AREA.--35.1 mi² (90.9 km²).

GAGE DATUM.--7,255 ft (2,211.3 m).

REMARKS.--One small diversion and several small reservoirs above station for irrigation below.

MAXIMUM DISCHARGE.--1,310 ft³/s (37.1 m³/s) May 26, 1942, gage height, 4.95 ft (1.51 m).

WATER YEAR	RAINFALL-RUNOFF PEAK DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	SNOWMELT-RUNOFF PEAK DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1937	AUG 18	74	2.14	MAY 10	632	5.10
1938	JUN 21	377	3.45	MAY 28	1120	5.01
1939	SEP 07	61	1.86	MAY 10	599	4.00
1940	SEP 30	74	2.05	MAY 09	825	4.48
1941	JUN 07	800	4.30	MAY 13	1240	5.02
1942	OCT 13	331	3.32	MAY 26	1310	4.95
1943	JUN 01	443	3.34	MAY 02	808	4.02
1944	JUL 04	160	2.61	MAY 31	860	4.40
1945	AUG 08	128	2.43	MAY 27	785	4.25
1946	JUL 13	77	1.97	MAY 05	245	2.98
1947	JUN 21	313	3.20	MAY 08	1110	4.60
1948	JUN 27	178	2.70	MAY 15	820	4.28
1949	JUL 06	116	2.20	MAY 29	600	3.84
1950	SEP 19	44	1.77	MAY 31	625	3.89
1951	AUG 30	70	2.00	MAY 27	765	4.17
1952	JUL 31	140	2.44	JUN 04	815	4.33
1953	AUG 01	82	2.08	MAY 31	498	3.79
1954	SEP 12	56	1.86	MAY 09	412	3.45
1955	MAY 02	274	2.99	MAY 20	512	3.81
1956	JUN 05	232	2.75	MAY 07	553	3.72

09165000 DOLORES RIVER BELOW RICO, CO

LOCATION.--Lat 37°38'20", long 108°03'35", Dolores County, Hydrologic Unit 14030002, 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).

GAGE DATUM.--8,422 ft (2,567.1 m).

REMARKS.--No diversion above station.

MAXIMUM DISCHARGE.--2,120 ft³/s (60.0 m³/s) June 10, 1952, gage height, 6.15 ft (1.875 m).

	RAINFALL-RUNOFF PEAK			SNOWMELT-RUNOFF PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1952	JUL 06	1030	4.68	JUN 10	2120	6.15
1953	JUL 16	285	3.20	MAY 28	1460	5.30
1954	SEP 12	276	3.17	MAY 21	786	4.30
1955	AUG 03	273	3.20	JUN 08	1360	5.15
1956	AUG 16	81	2.51	MAY 31	1020	4.65
1957	JUL 26	1520	5.38	JUN 05	2080	6.07
1958	SEP 12	267	3.49	MAY 27	1900	5.60
1959	AUG 07	190	3.27	MAY 15	585	4.15
1960	SEP 15	71	2.62	JUN 03	1170	5.05
1961	SEP 09	148	3.13	MAY 19	1020	4.85
1962	JUN 29	586	4.16	MAY 09	1190	5.05
1963	AUG 27	282	3.56	MAY 08	867	4.58
1964	AUG 13	640	4.23	MAY 26	1220	5.09
1965	JUL 12	1060	4.73	MAY 21	1330	5.17
1966	JUN 21	278	3.43	MAY 09	951	4.60
1967	AUG 10	238	3.28	MAY 21	769	4.40
1968	AUG 14	425	3.61	JUN 04	1360	5.00
1969	JUL 19	455	3.81	MAY 30	1210	4.76
1970	SEP 06	1930	5.88	MAY 17	1420	5.08
1971	AUG 31	110	2.83	JUN 17	1100	4.66
1972	SEP 19	163	3.06	JUN 08	776	4.43
1973	OCT 19	702	4.27	JUN 11	1810	5.69
1974	JUL 18	146	2.96	MAY 10	783	4.41
1975	AUG 12	160	2.98	JUN 05	1620	5.43
1976	SEP 26	151	2.90	JUN 04	958	4.73
1977	AUG 24	146	2.92	MAY 09	270	3.41

09166500 DOLORES RIVER AT DOLORES, CO

LOCATION.--Lat 37°28'16", long 108°30'15", in NE¼NE¼ sec.16, T.37 N., R.15 W., Montezuma County, Hydrologic Unit 14030002, 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).

GAGE DATUM.--6,919 ft (2,108.8 m).

REMARKS.--Diversions for irrigation of about 2,000 acres (8.1 km²) above station. Flow partly regulated by Ground Hog Reservoir, capacity, 21,710 acre-ft/yr (26.8 hm³/yr).

MAXIMUM DISCHARGE.--10,000 ft³/s (283 m³/s) Oct. 5, 1911, gage height, 10.2 ft (3.11 m).

	RAINFALL-RUNOFF PEAK			SNOWMELT-RUNOFF PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1912	OCT 05	10000	10.20	--	--	---
1925	SEP 19	5600	6.40	MAY 04	2760	5.30
1926	--	--	---	MAY 25	5220	7.15
1927	JUN 28	7030	6.10	MAY 18	4100	5.07
1928	AUG 31	120	1.05	JUN 01	3480	4.45
1929	AUG 07	1100	2.60	MAY 10	4250	4.55
1930	AUG 13	1050	2.51	MAY 31	3100	4.00
1931	AUG 30	466	1.82	MAY 18	1540	2.95
1932	AUG 27	1840	3.04	MAY 18	4800	4.90
1933	JUL 08	664	2.47	JUN 02	3900	4.52
1934	JUL 22	130	2.10	MAY 10	1060	4.30
1935	JUL 19	566	3.50	JUN 15	3650	6.15
1936	AUG 06	1040	4.28	MAY 06	2880	6.05
1937	JUL 11	1150	4.33	MAY 11	4000	6.43
1938	JUN 29	2620	5.43	APR 25	5090	6.85
1939	SEP 08	304	2.56	MAY 06	1810	4.95
1940	SEP 18	483	3.15	MAY 14	2130	5.27
1941	SEP 22	2890	5.71	MAY 14	8070	7.72
1942	OCT 13	3890	6.30	MAY 27	4780	6.39
1943	JUN 02	2600	4.86	MAY 04	3980	5.84
1944	JUL 20	806	3.92	MAY 16	5670	6.90
1945	JUL 31	530	3.17	MAY 03	3770	6.03
1946	APR 07	585	3.35	JUN 07	2720	5.27
1947	AUG 22	2020	4.82	MAY 10	3160	5.44
1948	JUL 25	539	3.12	MAY 20	5040	6.72
1949	JUN 19	8140	7.04	MAY 20	2800	4.66
1950	APR 08	1200	3.99	APR 23	2040	4.69
1951	AUG 03	341	2.84	MAY 28	2520	5.04
1952	JUN 04	4620	5.92	MAY 04	5440	6.24
1953	JUL 31	558	5.20	MAY 28	2900	8.00
1954	SEP 13	598	5.10	MAY 22	1560	6.49
1955	AUG 25	640	5.16	JUN 09	2300	7.66
1956	JUL 29	232	4.35	JUN 01	2100	7.50
1957	JUL 27	3350	8.88	JUN 06	6690	10.68
1958	SEP 13	526	4.95	MAY 28	4490	9.50
1959	AUG 07	500	5.01	MAY 15	1670	6.43
1960	JUL 30	301	4.50	MAY 13	3350	8.42
1961	SEP 23	590	5.08	MAY 22	2520	7.90
1962	SEP 22	225	4.25	MAY 10	3210	8.80
1963	AUG 27	580	5.10	MAY 09	1980	7.27
1964	AUG 13	1320	6.38	MAY 27	3380	8.91
1965	JUL 12	1520	6.71	MAY 22	3900	9.26
1966	JUN 22	500	5.07	MAY 10	2560	7.90
1967	AUG 11	780	5.56	MAY 26	1860	7.09
1968	AUG 01	947	5.87	MAY 29	3590	8.79
1969	JUL 19	1140	6.62	MAY 23	2820	7.69
1970	SEP 06	5190	9.04	MAY 18	3960	8.50
1971	AUG 29	415	4.81	JUN 18	1900	6.64
1972	SEP 20	338	4.61	JUN 08	1660	6.27
1973	OCT 19	2020	6.61	MAY 20	5750	9.50
1974	JUL 19	430	4.60	MAY 11	2070	6.75
1975	AUG 12	430	4.60	JUN 06	4600	8.66
1976	SEP 27	365	4.40	MAY 18	2640	7.35
1977	JUL 27	220	4.15	APR 18	585	4.95

09175500 SAN MIGUEL RIVER AT NATURITA, CO

LOCATION.--Lat 38°13'04", long 108°33'57", in NE¼NW¼ sec.30, T.46 N., R.15 W., Montrose County, Hydrologic Unit 14030003, 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).

GAGE DATUM.--5,393 ft (1,643.7 m).

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.

MAXIMUM DISCHARGE.--7,100 ft³/s (201 m³/s) Apr. 15, 1942, gage height, 9.80 ft (2.987 m).

	RAINFALL-RUNOFF PEAK			SNOWMELT-RUNOFF PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1927	JUN 28	3920	6.40	APR 25	1890	4.33
1928	AUG 28	1180	3.50	JUN 01	1890	4.40
1929	SEP 06	1410	3.75	APR 17	3370	5.78
1942	JUL 17	1010	3.54	APR 15	7100	9.80
1943	AUG 24	5090	8.09	APR 19	1870	4.84
1944	AUG 19	658	2.95	MAY 13	5910	8.84
1945	AUG 09	1110	3.94	MAY 04	4530	7.68
1946	AUG 24	1550	4.52	APR 15	1210	4.19
1947	SEP 06	3520	6.62	MAY 06	1400	4.29
1948	OCT 13	2000	5.04	APR 21	4140	7.08
1949	JUN 23	3960	6.68	APR 25	2320	5.16
1950	SEP 19	403	2.22	APR 09	1140	3.65
1951	AUG 03	1130	3.62	MAY 28	755	2.95
1952	JUL 06	1280	3.89	APR 18	2780	5.62
1953	APR 02	1090	3.57	JUN 13	1820	5.00
1954	OCT 23	800	3.55	MAY 22	556	2.97
1955	AUG 27	534	2.81	APR 26	3000	6.37
1957	JUL 27	3330	6.06	JUN 06	3220	6.20
1958	AUG 15	1220	4.12	APR 19	5880	8.50
1959	AUG 07	540	3.00	JUN 09	956	3.74
1960	JUL 01	722	3.30	APR 10	4540	6.98
1961	AUG 07	1190	4.13	APR 23	2670	5.62
1962	AUG 20	375	2.60	APR 18	3180	6.00
1963	AUG 26	842	3.55	MAR 29	2000	5.05
1964	SEP 14	1250	4.21	MAY 02	2820	5.75
1965	JUL 19	1840	4.93	APR 20	6650	8.44
1966	JUL 23	371	2.48	APR 02	1200	4.15
1967	AUG 11	1010	3.81	MAY 26	1000	3.85
1968	JUL 31	1250	4.25	JUN 06	1650	4.74
1969	SEP 13	1260	4.22	APR 21	1780	4.83
1970	SEP 13	2620	5.63	MAY 05	5770	7.80
1971	AUG 28	488	2.75	MAR 27	2620	5.73
1972	SEP 20	715	3.20	JUN 08	905	3.58
1973	JUN 04	4260	6.92	APR 29	5490	7.80

09239500 YAMPA RIVER AT STEAMBOAT SPRINGS, CO

LOCATION.--Lat 40°29'01", long 106°49'54", in NW¼NE¼ sec.17, T.6 N., R.84 W., Routt County, Hydrologic Unit 14050001, 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).

GAGE DATUM.--6,695 ft (2,040.9 m).

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 by storage reservoirs.

MAXIMUM DISCHARGE.--6,820 ft³/s (193 m³/s) June 14, 1921, gage height, 7.08 ft (2.158 m).

	RAINFALL-RUNOFF PEAK			SNOWMELT-RUNOFF PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1951	JUL 22	1030	2.95	MAY 29	3750	5.43
1952	AUG 11	670	2.38	JUN 04	5740	6.83
1953	JUL 16	634	2.38	JUN 13	4620	6.08
1954	--	--	---	MAY 19	1870	3.93
1955	JUL 26	214	1.43	MAY 13	2580	4.55
1956	--	--	---	MAY 23	3750	5.60
1957	JUL 19	1490	3.55	JUN 07	5300	6.53
1958	JUN 25	838	2.74	MAY 28	4530	6.02
1959	AUG 03	455	2.15	JUN 08	3080	5.27
1960	JUL 11	305	1.80	JUN 04	3140	5.08
1961	SEP 29	915	2.83	MAY 29	2780	4.74
1962	--	--	---	MAY 13	4300	5.79
1963	JUL 16	1360	3.39	MAY 24	2030	4.08
1964	JUN 29	1850	3.92	JUN 07	2980	4.89
1965	JUL 25	1120	3.14	JUN 13	4720	6.16
1966	AUG 04	300	1.75	MAY 07	1940	3.99
1967	JUL 18	798	2.65	MAY 26	2940	4.91
1968	AUG 14	617	2.35	JUN 06	4080	5.73
1969	JUN 16	2100	4.15	MAY 21	2620	4.64
1970	JUL 23	857	2.71	MAY 28	3840	5.58
1971	--	--	---	JUN 19	3840	5.55
1972	--	--	---	JUN 09	4100	5.89
1973	JUL 20	982	2.97	JUN 14	4340	6.14
1974	--	--	---	APR 26	5790	6.96
1975	--	--	---	JUN 08	4280	5.85
1976	--	--	---	MAY 22	2840	4.77
1977	--	--	---	MAY 15	1080	3.00
1978	--	--	---	JUN 16	4360	6.16
1979	--	--	---	MAY 28	4380	6.03

09245000 ELKHEAD CREEK NEAR ELKHEAD, CO

LOCATION.--Lat 40°40'11", long 107°17'04", in NW¼NE¼ sec.8, T.8 N., R.88 W., Routt County, Hydrologic Unit 14050001, 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).

GAGE DATUM.--6,845 ft (2,086 m).

REMARKS.--No diversion above station.

MAXIMUM DISCHARGE.--1,870 ft³/s (53.0 m³/s) May 17, 1978, gage height, 7.07 ft (2.155 m).

	RAINFALL-RUNOFF PEAK			SNOWMELT-RUNOFF PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1953	JUN 19	151	3.68	MAY 20	970	6.25
1954	MAY 22	121	3.58	APR 24	562	5.22
1955	JUN 04	125	3.55	APR 26	930	6.15
1956	JUN 05	160	3.70	MAY 06	898	6.07
1957	JUN 13	730	5.65	MAY 10	1100	6.57
1958	--	--	---	MAY 12	1120	6.53
1959	SEP 27	26	2.85	MAY 07	578	5.11
1960	--	--	---	APR 21	834	5.81
1961	SEP 29	67	3.25	MAY 11	493	4.93
1962	OCT 06	6.5	2.60	MAY 06	1030	6.46
1963	JUN 02	116	3.52	MAY 07	958	6.27
1964	JUN 08	225	4.12	MAY 17	1160	6.63
1965	AUG 19	30	2.92	MAY 17	966	6.04
1966	OCT 03	24	2.90	MAY 11	692	5.26
1967	JUN 14	190	3.87	MAY 08	620	5.10
1968	JUN 11	350	4.42	MAY 21	1080	6.19
1969	JUN 24	160	3.90	APR 24	1040	6.13
1970	JUN 11	460	4.90	MAY 18	1630	6.89
1971	--	--	---	MAY 03	1110	6.13
1972	--	--	---	APR 24	556	5.07
1973	--	--	---	MAY 15	1160	5.93
1974	--	--	---	MAY 09	1410	6.75
1975	--	--	---	MAY 20	1460	6.62
1976	--	--	---	MAY 05	630	5.18
1977	--	--	---	APR 10	292	4.34
1978	--	--	---	MAY 17	1870	7.07
1979	--	--	---	MAY 25	1770	7.05

09250000 MILK CREEK NEAR THORNBURGH, CO

LOCATION.--Lat 40°11'37", long 107°43'57", in NE¼ sec.32, T.3 N., R.92 W., Rio Blanco County, Hydrologic Unit 14050002, on right bank 2.2 mi (3.5 km) southwest of Thornburgh and 3.0 mi (4.8 km) upstream from Little Creek.

DRAINAGE AREA.--65 mi² (168 km²), approximately.

GAGE DATUM.--6,599 ft (2,011.5 m).

REMARKS.--Diversion for irrigation of about 1,321 acres (5.35 km²) above station.

MAXIMUM DISCHARGE.--1,050 ft³/s (29.7 m³/s) May 10, 1974, gage height, 5.03 ft (1.533 m).

	RAINFALL-RUNOFF PEAK			SNOWMELT-RUNOFF PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1953	JUL 11	30	2.55	MAY 29	296	4.82
1954	OCT 10	16	2.45	MAY 10	154	3.77
1955	--	--	---	MAY 15	214	4.43
1956	AUG 01	18	2.22	MAY 08	218	4.28
1957	AUG 05	88	3.43	MAY 10	491	5.36
1958	--	--	---	MAY 12	354	4.54
1959	SEP 27	37	2.83	MAY 14	141	3.52
1960	--	--	---	MAY 13	235	3.95
1961	AUG 04	25	2.62	MAY 12	217	3.89
1962	--	--	---	MAY 09	370	4.46
1963	SEP 07	85	3.15	MAY 10	113	3.30
1964	--	--	---	MAY 18	288	4.00
1965	JUL 25	71	2.86	MAY 20	352	4.09
1967	JUN 20	98	3.38	MAY 26	325	4.67
1968	--	--	---	MAY 22	640	4.85
1969	JUN 25	79	3.02	APR 25	500	4.41
1970	JUN 11	299	4.11	MAY 19	864	4.94
1971	--	--	---	MAY 15	288	4.03
1972	--	--	---	MAY 21	210	3.69
1973	--	--	---	MAY 21	748	4.92
1974	--	--	---	MAY 10	1050	5.03
1975	--	--	---	JUN 08	529	5.43
1977	--	--	---	MAY 01	52	2.66
1978	--	--	---	MAY 16	600	---
1979	--	--	---	MAY 25	637	5.69

09304500 WHITE RIVER NEAR MEEKER, CO

LOCATION.--Lat 40°02'01", long 107°51'42", in NE¼ sec.30, T.1 N., R.93 W., Rio Blanco County, Hydrologic Unit 14050005, on left bank 1.0 mi (1.6 km) upstream from Curtis Creek and 2.5 mi (4.0 km) east of Meeker.

DRAINAGE AREA.--755 mi² (1,955 km²).

GAGE DATUM.--6,300 ft (1,920 m).

REMARKS.--Diversions above station for irrigation of about 12,000 acres (48.6 km²) above station and about 3,000 acres (12.1 km²) below.

MAXIMUM DISCHARGE.--6,370 ft³/s (180 m³/s) June 16, 1921, gage height, 7.60 ft (2.316 m).

	RAINFALL-RUNOFF PEAK			SNOWMELT-RUNOFF PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1937	JUL 13	1270	2.68	MAY 19	2300	3.33
1938	SEP 04	682	1.96	MAY 30	3290	3.79
1939	SEP 07	770	2.00	MAY 06	2060	3.18
1940	JUN 23	725	1.94	MAY 13	2740	3.52
1941	JUL 20	644	1.92	MAY 14	4100	4.07
1942	JUL 16	678	1.91	MAY 27	4240	4.15
1943	AUG 07	779	1.94	JUN 02	2260	3.20
1944	JUL 20	490	1.67	MAY 24	2770	3.51
1945	AUG 07	746	1.97	JUN 26	3070	3.58
1946	JUN 02	970	2.32	JUN 11	2400	3.30
1947	JUL 09	598	1.72	MAY 09	3590	3.78
1948	JUL 27	1080	2.40	MAY 20	3510	3.75
1949	JUL 25	713	1.94	JUN 18	4490	4.19
1950	JUL 08	874	2.13	JUN 14	3460	3.82
1951	JUL 22	744	1.93	MAY 29	3160	3.70
1952	JUL 10	1250	2.51	JUN 11	5200	4.70
1953	JUN 11	869	2.33	JUN 15	4360	4.38
1954	SEP 08	569	1.67	MAY 22	2110	3.09
1955	AUG 05	374	1.32	JUN 09	2470	3.29
1956	JUN 30	618	1.62	JUN 03	3120	3.65
1957	AUG 31	800	1.61	JUN 30	5220	4.45
1958	JUL 27	552	1.12	MAY 30	4340	4.08
1959	JUN 28	1330	2.30	JUN 09	2860	3.32
1960	SEP 17	442	0.87	JUN 05	2650	3.27
1961	SEP 30	715	1.65	JUN 01	2100	2.87
1962	SEP 22	477	0.84	MAY 13	4150	3.90
1963	AUG 04	690	1.39	MAY 19	2240	2.87
1964	JUL 10	593	1.08	MAY 23	3070	3.35
1965	JUL 25	920	1.55	JUN 15	4030	3.84
1966	JUL 24	230	0.38	MAY 08	1780	2.49
1967	--	--	---	MAY 26	2830	3.18
1968	AUG 15	615	1.05	JUN 06	3690	3.61
1969	JUN 25	1440	2.20	MAY 28	2580	3.01
1970	JUL 07	1070	1.76	MAY 21	4010	3.80
1971	OCT 07	549	0.87	JUN 18	3020	3.24
1972	AUG 20	591	3.17	JUN 08	3150	5.43
1973	JUL 19	911	3.53	MAY 21	3910	5.76

09340000 EAST FORK SAN JUAN RIVER NEAR PAGOSA SPRINGS, CO

LOCATION.--Lat 37°22'10", long 106°53'30", in NW¼SW¼ sec.7, T.36 N., R.1 E., Archuleta County, Hydrologic Unit 14080101, 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).

GAGE DATUM.--7,598 ft (2,315.8 m).

REMARKS.--Diversions above station for irrigation of about 500 acres (2.0 km²) of hay meadows above station and a few small hay meadows below station.

MAXIMUM DISCHARGE.--2,460 ft³/s (69.7 m³/s) Sept. 14, 1970, gage height, 4.85 ft (1.478 m).

	RAINFALL-RUNOFF PEAK			SNOWMELT-RUNOFF PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1935	AUG 04	698	3.10	JUN 14	1480	3.98
1936	AUG 06	463	2.68	MAY 05	931	3.31
1937	JUL 11	412	2.58	MAY 18	1120	3.45
1938	SEP 12	369	2.33	MAY 28	1670	4.00
1939	SEP 11	254	2.00	MAY 19	580	2.81
1940	JUN 29	150	1.63	MAY 17	606	2.87
1941	MAY 24	1360	3.75	MAY 12	2070	4.84
1942	OCT 14	1330	3.89	MAY 26	1260	3.79
1943	JUN 30	830	3.30	MAY 01	640	3.00
1944	JUL 05	664	2.80	MAY 16	1410	3.84
1945	JUL 21	180	2.00	MAY 29	1140	3.67
1946	SEP 18	535	2.80	JUN 07	590	2.90
1947	OCT 29	568	2.86	MAY 10	724	3.14
1948	AUG 05	715	3.00	MAY 21	1510	4.18
1949	JUL 11	703	2.90	JUN 18	1270	4.11
1950	SEP 19	120	1.80	MAY 24	463	2.52
1951	SEP 29	485	2.60	MAY 27	709	3.05
1952	JUL 05	683	2.86	JUN 10	1850	4.12
1953	JUL 19	225	2.15	MAY 28	1050	3.28
1954	JUL 22	550	2.76	MAY 21	515	2.62
1955	JUL 26	349	2.40	JUN 09	557	2.72
1956	AUG 01	238	2.21	JUN 01	1170	3.46
1957	JUL 27	1230	4.08	JUN 06	1550	4.39
1958	SEP 13	475	2.95	MAY 26	1030	3.91
1959	AUG 08	219	2.36	JUN 07	388	2.77
1960	SEP 14	148	2.10	JUN 04	865	3.65
1961	SEP 18	410	2.82	MAY 22	610	3.30
1962	AUG 11	167	2.25	MAY 10	880	3.80
1963	AUG 26	235	2.47	MAY 07	490	3.04
1964	AUG 13	705	3.57	MAY 24	820	3.69
1965	JUL 31	650	3.41	MAY 19	1270	4.35
1966	JUN 09	530	3.18	MAY 10	856	3.76
1967	JUL 17	1070	4.09	JUN 05	661	3.43
1968	AUG 02	550	3.22	JUN 05	934	3.85
1969	JUL 12	432	3.01	MAY 27	856	3.76
1970	SEP 14	2460	4.85	MAY 17	754	3.61
1971	SEP 30	515	3.25	JUN 17	400	3.11
1972	OCT 01	373	2.95	MAY 20	422	2.96
1973	OCT 05	624	3.44	JUN 11	1340	4.42

09341500 WEST FORK SAN JUAN RIVER NEAR PAGOSA SPRINGS, CO

LOCATION.--lat 37°22'40", long 106°54'00", in SE¼ sec.1, T.36 N., R.1 W., on left bank 30 ft (9.1 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 (228 km²).

GAGE DATUM.--7,614 ft (2,320.9 m).

REMARKS.--Diversions above station for irrigation of about 700 acres (2.8 km²) above and 100 acres (0.40 km²) below station. Treasure Pass ditch above station exports water to Rio Grande basin.

MAXIMUM DISCHARGE.--2,330 ft³/s (66.0 m³/s) June 15, 1952, gage height, 5.73 ft (1.75 m).

	RAINFALL-RUNOFF PEAK			SNOWMELT-RUNOFF PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1935	JUL 31	372	3.13	JUN 15	2250	6.23
1936	AUG 30	604	3.49	MAY 05	1210	4.85
1937	--	--	---	MAY 17	1670	5.04
1938	SEP 12	760	3.48	MAY 28	2030	5.61
1939	--	--	---	MAY 19	850	3.53
1940	OCT 05	740	3.24	MAY 14	735	3.25
1941	OCT 13	760	3.27	JUN 23	2300	5.83
1942	SEP 11	426	2.25	JUN 11	1420	4.65
1943	JUN 30	842	3.32	MAY 01	878	3.41
1944	JUL 20	651	2.78	JUN 21	1680	5.00
1945	--	--	---	JUN 14	1280	3.95
1946	OCT 29	385	2.23	JUN 05	901	3.28
1947	SEP 18	688	2.98	JUN 07	984	3.75
1948	AUG 05	312	2.30	JUN 03	1780	6.14
1949	JUL 07	1300	4.67	JUN 18	2260	6.45
1950	--	--	---	JUN 01	768	3.42
1951	AUG 30	390	2.59	MAY 27	1020	4.05
1952	AUG 21	474	2.32	JUN 15	2330	5.73
1953	--	--	---	MAY 28	1000	3.41
1954	AUG 13	302	2.54	MAY 21	787	3.48
1955	AUG 19	262	2.37	JUN 08	1110	3.50
1956	--	--	---	JUN 01	993	3.42
1957	JUL 26	2100	4.30	JUN 20	1740	4.04
1958	SEP 13	470	2.39	JUN 06	1660	3.90
1959	AUG 07	361	2.20	JUN 06	682	2.82
1960	--	--	---	JUN 17	1210	3.45

09342500 SAN JUAN RIVER AT PAGOSA SPRINGS, CO

LOCATION.--Lat 37°15'58", long 107°00'37", in NE¼SW¼ sec.13, T.35 N., R.2 W., Archuleta County, Hydrologic Unit 14080101, on right bank at former bridge site in Pagosa Springs, 0.2 mi (0.3 km) upstream from McCabe Creek, 0.6 mi (1.0 km) downstream from bridge on U.S. Highway 160, and 2.0 mi (3.2 km) upstream from Mill Creek.

DRAINAGE AREA.--298 mi² (772 km²).

GAGE DATUM.--7,052 ft (2,149.5 m).

REMARKS.--Diversions for irrigation of large areas above station.

AVERAGE DISCHARGE.--49 years, 369 ft³/s (10.45 m³/s) 267,300 acre-ft/yr (330 hm³/yr).

MAXIMUM DISCHARGE.--25,000 ft³/s (708 m³/s) Oct. 5, 1911, gage height, 17.8 ft (5.43 m).

	RAINFALL-RUNOFF PEAK			SNOWMELT-RUNOFF PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1912	OCT 05	25000	17.80	--	--	---
1935	JUN 15	4710	6.72	MAY 26	1890	5.30
1936	MAY 20	1720	5.32	MAY 05	2400	5.84
1937	--	--	---	MAY 18	3120	6.19
1938	JUN 29	2370	5.76	MAY 29	3970	6.58
1939	JUN 04	1420	5.08	MAY 22	1510	5.22
1940	SEP 19	474	3.92	MAY 17	1600	5.16
1941	JUN 23	4820	7.36	MAY 13	5790	7.92
1942	OCT 14	3660	6.72	APR 22	3690	6.55
1943	JUN 30	2240	5.69	MAY 01	2200	5.60
1944	JUN 11	3660	6.71	MAY 16	4540	7.17
1945	JUN 14	2480	5.81	MAY 28	2750	5.98
1946	JUN 04	1500	5.12	MAY 27	800	4.20
1947	JUN 07	1660	5.23	MAY 10	1750	5.31
1948	JUN 03	4480	7.37	APR 20	1600	5.28
1949	JUN 19	5420	7.97	MAY 16	2160	5.81
1950	JUN 01	1670	5.67	MAY 24	1590	5.60
1951	AUG 30	1160	5.10	MAY 28	2260	6.15
1952	JUN 10	4960	7.65	MAY 06	3150	6.76
1953	JUN 12	2000	5.91	MAY 28	2480	6.31
1954	AUG 13	480	4.16	MAY 21	1630	5.57
1955	JUN 08	2030	6.04	MAY 30	1570	5.50
1956	JUN 02	2440	6.45	MAY 07	1650	5.64
1957	JUL 26	4910	8.96	JUN 06	4620	8.72
1958	MAY 27	2930	7.19	MAY 20	2300	6.58
1959	JUN 06	1200	3.80	MAY 16	1190	3.76
1960	JUN 04	2420	5.49	APR 10	2010	4.57
1961	SEP 18	900	3.80	MAY 22	1870	4.79
1962	JUN 12	1880	5.02	MAY 11	2410	5.44
1963	SEP 20	460	3.36	MAY 07	1540	4.67
1964	AUG 13	1360	4.51	MAY 24	2240	5.35
1965	JUN 20	3240	6.56	MAY 21	3250	6.57
1966	MAY 31	1830	5.08	MAY 08	2100	5.42
1967	JUN 06	1590	4.80	MAY 23	1680	4.92
1968	JUN 17	2160	5.20	JUN 05	2450	5.47
1969	JUN 26	1640	4.72	MAY 28	2250	5.29
1970	SEP 06	6580	9.02	MAY 17	1900	4.89
1971	JUN 18	1310	4.94	MAY 28	1230	4.93
1972	OCT 01	1220	4.31	MAY 20	1460	4.72
1973	OCT 19	3470	7.00	JUN 12	4310	7.38
1974	--	--	---	MAY 11	1430	4.58
1975	--	--	---	JUN 06	3850	6.97
1976	--	--	---	JUN 06	2580	5.62
1977	AUG 18	1150	4.12	--	--	---

09357500 ANIMAS RIVER AT HOWARDSVILLE, CO

Lat 37°49'59", long 107°35'56", San Juan County, Hydrologic Unit 14080104, 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 (145 km²).

GAGE DATUM.--9,617 ft (2,931.3 m).

REMARKS.--No diversion above station.

MAXIMUM DISCHARGE.--1,980 ft³/s (56.1 m³/s) June 18, 1949, gage height, 4.36 ft (1.329 m).

	RAINFALL-RUNOFF PEAK			SNOWMELT-RUNOFF PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1936	AUG 06	270	1.48	MAY 25	838	2.52
1937	JUL 26	80	0.90	MAY 16	889	2.57
1938	JUN 21	1700	3.50	JUN 03	1050	2.83
1939	SEP 12	204	2.03	JUN 04	662	1.87
1940	SEP 19	98	1.52	MAY 31	800	3.10
1941	SEP 22	375	2.37	JUN 22	1080	3.53
1942	AUG 03	208	2.06	JUN 18	1060	3.54
1943	AUG 30	368	2.44	JUN 01	694	3.02
1944	SEP 26	35	1.13	JUN 24	1120	3.68
1945	AUG 02	190	2.00	JUN 13	941	3.43
1946	JUL 31	89	1.59	JUN 12	1060	3.60
1947	AUG 22	445	2.61	JUN 08	1120	3.68
1948	AUG 06	155	1.88	JUN 10	1200	3.57
1949	JUN 18	1980	4.36	JUN 27	986	3.32
1950	JUL 15	200	2.04	JUN 11	764	3.13
1951	AUG 02	211	2.07	JUN 16	862	3.18
1952	AUG 14	165	1.90	JUN 10	1520	3.91
1953	JUL 29	131	1.74	JUN 12	1630	4.07
1954	JUL 22	313	2.42	MAY 19	524	2.84
1955	JUL 19	116	1.70	JUN 08	1050	3.47
1956	JUL 30	69	1.41	MAY 31	909	3.35
1957	JUL 26	746	2.97	JUN 27	1690	4.06
1958	SEP 13	188	1.99	JUN 06	1130	3.60
1959	AUG 06	138	1.78	JUN 06	840	3.15
1960	JUL 19	158	1.92	JUN 17	1190	3.64
1961	SEP 23	128	1.82	MAY 26	826	3.30
1962	SEP 22	132	1.77	JUN 20	826	3.28
1963	JUL 13	217	2.18	MAY 17	630	3.04
1964	AUG 01	138	1.83	MAY 21	833	3.31
1965	AUG 01	430	2.53	JUN 19	1180	3.71
1966	JUL 16	188	1.99	MAY 07	700	2.98
1967	JUL 11	155	1.87	MAY 22	938	3.38
1968	JUL 07	313	2.31	JUN 05	1250	3.81
1969	AUG 12	98	1.63	MAY 27	742	3.13
1970	SEP 06	1170	3.65	JUN 25	714	3.10
1971	AUG 31	122	1.82	JUN 21	805	3.16
1972	SEP 19	155	1.87	JUN 01	798	3.22
1973	SEP 10	85	1.48	JUN 27	1530	3.87
1974	SEP 23	22	1.06	MAY 26	624	2.98
1975	AUG 12	172	1.90	JUL 03	1340	3.84
1976	JUL 12	289	2.28	JUN 09	805	3.21
1977	JUL 27	142	1.76	JUN 08	455	2.65

09361500 ANIMAS RIVER AT DURANGO, CO

LOCATION.--Lat 37°16'45", long 107°52'47", in SW¼SW¼ sec.20, T.35 N., R.9 W., La Plata County, Hydrologic Unit 14080104, on left bank at Western Colorado Power Co.'s plant at Durango, 0.8 mi (1.3 km) upstream from Lightner Creek.

DRAINAGE AREA.--692 mi² (1,792 km²).

GAGE DATUM.--6,502 ft (1,981.7 m).

REMARKS.--Diversions for irrigation of about 4,000 acres (16 km²) above station. Natural regulation by many lakes and regulation for power above station.

MAXIMUM DISCHARGE.--25,000 ft³/s (708 m³/s) Oct. 5, 1911, gage height, 11 ft (3.4 m).

	RAINFALL-RUNOFF PEAK			SNOWMELT-RUNOFF PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1928	JUL 18	1140	2.54	JUN 01	4450	5.11
1929	AUG 04	3780	4.68	MAY 26	4950	5.42
1930	JUL 22	1760	3.18	JUN 13	4200	4.95
1931	AUG 06	694	2.10	JUN 04	2230	3.68
1932	AUG 28	4260	5.00	MAY 23	5270	5.60
1933	JUL 07	1900	3.28	JUN 02	5360	5.50
1934	SEP 07	404	1.63	MAY 10	2410	3.72
1935	AUG 24	1100	2.53	JUN 15	6560	6.00
1936	SEP 04	966	2.42	MAY 06	3890	4.68
1937	JUL 12	1140	2.57	MAY 18	4970	5.17
1938	SEP 11	1400	2.96	JUN 30	7180	6.15
1939	SEP 12	1570	3.10	MAY 22	2750	4.08
1940	SEP 19	1270	2.90	MAY 15	3170	4.43
1941	SEP 23	3900	4.78	MAY 14	10500	7.40
1942	OCT 04	2200	3.65	JUN 12	5450	5.35
1943	AUG 31	1970	3.41	MAY 03	3940	4.62
1944	AUG 09	764	2.27	MAY 16	6990	6.04
1945	JUL 24	1070	2.55	JUN 15	4370	4.77
1946	JUL 20	869	2.41	JUN 09	4330	4.84
1947	AUG 23	4330	5.02	JUN 10	5130	5.36
1948	AUG 06	1100	2.86	MAY 19	8720	7.26
1949	JUL 10	3170	4.40	JUN 19	12700	8.50
1950	JUL 08	996	2.74	JUN 01	3280	4.46
1951	AUG 30	806	2.84	MAY 28	4320	5.27
1952	JUL 07	4000	5.05	JUN 11	8450	6.98
1953	JUL 18	865	2.76	JUN 13	5430	5.75
1954	JUL 24	2420	4.64	MAY 21	3090	5.08
1955	AUG 17	821	3.25	JUN 09	4790	5.87
1957	JUL 27	8160	7.62	JUN 06	9360	8.12
1958	SEP 13	1370	3.61	MAY 28	7960	7.53
1959	AUG 07	810	3.00	JUN 07	3140	5.15
1960	JUL 31	696	2.94	JUN 04	4630	5.98
1961	SEP 10	820	3.12	MAY 28	4250	5.64
1962	SEP 22	615	2.85	MAY 10	4280	5.72
1963	AUG 27	1140	3.47	MAY 09	3300	5.15
1964	AUG 13	1130	3.46	MAY 24	4450	5.80
1965	AUG 18	1300	3.63	JUN 21	5560	6.24
1966	AUG 03	812	3.30	MAY 08	3640	5.51
1967	JUL 17	1080	3.48	MAY 23	3730	5.34
1968	AUG 15	1580	3.98	JUN 06	5980	6.54
1969	JUL 19	3220	4.99	MAY 23	4560	5.81
1970	SEP 06	11600	8.83	MAY 19	4520	5.74
1971	AUG 27	1110	3.38	JUN 22	3290	5.27
1972	SEP 20	960	3.28	JUN 02	3160	5.15
1973	AUG 26	810	3.22	JUN 11	7590	7.17
1974	JUL 17	950	3.42	MAY 27	2910	4.89
1975	AUG 13	1060	3.38	JUN 16	7400	7.06
1976	SEP 27	682	3.01	JUN 06	4030	5.43
1977	AUG 17	1120	3.41	JUN 07	1460	3.68
1978	AUG 21	280	2.40	JUN 16	5080	6.02
1979	AUG 13	1070	3.32	MAY 28	7810	7.27

09362000 LIGHTNER CREEK NEAR DURANGO, CO

LOCATION.--Lat 37°16'10", long 107°53'15", in sec.30, T.35 N., R.9 W., 0.5 mi (0.80 km) upstream from mouth and 0.5 mi (0.80 km) west of Durango.

DRAINAGE AREA.--66 mi² (170.9 km²).

GAGE DATUM.--6,534 ft (1,991.6 m).

REMARKS.--No diversions.

MAXIMUM DISCHARGE.--1,830 ft³/s (51.8 m³/s) June 26, 1937, gage height, 5.00 ft (1.52 m).

	RAINFALL-RUNOFF PEAK			SNOWMELT-RUNOFF PEAK		
WATER YEAR	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)	DATE	DISCHARGE (FT³/S)	GAGE HEIGHT(FT)
1928	--	--	---	MAR 22	220	---
1929	SEP 22	219	1.99	MAR 20	144	1.85
1930	AUG 09	760	2.80	APR 07	179	1.85
1931	JUL 30	120	---	MAY 08	67	1.25
1932	AUG 27	174	1.62	MAR 19	270	1.85
1933	SEP 09	385	2.25	MAY 21	60	1.30
1934	SEP 23	155	1.90	APR 14	19	1.00
1935	AUG 16	370	2.40	APR 13	260	2.15
1936	AUG 30	108	1.75	APR 12	250	1.99
1937	JUN 26	1830	5.00	APR 13	600	2.48
1939	SEP 08	590	2.80	MAR 23	150	1.80
1940	AUG 24	322	2.91	APR 14	66	1.60
1941	MAY 04	1450	5.10	MAY 12	701	3.65
1942	OCT 25	1850	5.90	APR 07	720	3.57
1943	MAY 29	62	1.80	APR 05	219	2.63
1945	JUL 21	70	1.95	APR 20	285	2.90
1946	JUL 20	1450	5.20	APR 22	36	1.50
1947	AUG 20	786	4.00	MAY 12	94	2.15
1948	JUN 01	263	2.80	APR 03	213	2.67
1949	JUN 18	900	4.18	APR 08	207	2.80

GPO 835-785