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SUMMARY OF MAXIMUM DISCHARGES IN UTAH STREAMS

by

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CONTENTS

ILLUSTRATIONS

TABLES

SUMMARY OF MAXIMUM DISCHARGES IN UTAH STREAMS

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ABSTRACT

Maximum discharges determined at regular continuous-record stations, at crest-stage stations, and at miscellaneous sites in or near the borders of Utah through September 1967 are compiled in tables of this report. The data are presented separately for the Colorado River Basin and for the Great Basin and are summarized in graphs. Some conclusions are drawn, and based on available data, figures representing the maximum floods of record are presented both in the graphs and in tabular form.

INTRODUCTION

The purpose of this report is to summarize the mass of data pertaining to high rates of streamflow which has been assembled in Utah over a period of many decades. The pertinent data are presented in tables 1-4 and are summarized by graphs in figures 3 and 4. These data have been collected by the U. S. Geological Survey, usually in cooperation with the State of Utah or with other local or Federal agencies. Some uses for streamflow data are cited, and a few of the conclusions which may be drawn from this report are discussed.

STREAMFLOW RECORDS

Systematic records of flow in Utah streams have been collected and published since 1894. Continuous records are available for 50 or more years at sites on several rivers in the State. Data for lesser periods are available for numerous stream-gaging stations, in addition to flood peaks collected at 120 crest-stage stations and flows at many miscellaneous sites. The number of locations at which data have been collected has increased over the years, and many sites were discontinued after the immediate need for information had been satisfied. Crest-stage stations were established to obtain records of flood discharges in areas where continuous-record stations were not being operated. Miscellaneous discharge measurements have been made for various reasons, including determination of flood peaks and base flow. In recent years, an attempt has been made to obtain measurements of discharge at all sites where floods of unusual magnitude have occurred.

A report by Woolley (1946) is considered a classic on floods in Utah. It documents a large number of floods and discusses the factors and conditions contributing to cloudburst floods. At the time Woolley prepared his report, very little information was available on the rates of discharge for these scattered events.

The locations at which daily records of streamflow were being collected at the time of this writing (1968) are shown in figure 1, and those at which crest-stage gages were being operated are shown in figure 2. The large numerals on these maps identify the major drainage basins: Part 9 for the Colorado River Basin, Part 10 for the Great Basin, and Part 13 for the Snake River basin. The large numerals are used as a prefix to the small numerals which identify the individual sites; together they comprise a nationwide indexing system for stream-gaging stations. Stations are identified in publications by this indexing system as indicated by the station numbers in the tables of this report.

The boundaries of flood-frequency regions applicable to Utah (see p. 12) are shown in figures 1 and 2.

The data published annually for a continuous-record station consist principally of a description of the site, which gives the location, drainage area, periods of record, types and history of gages, average discharge, extremes of flow for the current year and for the period of record, other pertinent information under "Remarks," and a table listing mean daily discharge and figures for monthly and annual flow. The yearly maximum discharge and related information are published for each crest-stage station, and the location, drainage area, and discharge are published for each miscellaneous discharge measurement made during the year. These data are published on a water-year basis, beginning on October 1 and ending on September 30. Prior to the 1961 water year, they were published in an annual series of U. S. Geological Survey water-supply papers, entitled "Surface Water Supply of the United States." Subsequently they have been released in annual reports on a State-boundary basis, entitled "Water-Resources Data for Utah, Part 1, Surface Water Records."

USE OF STREAMFLOW DATA

Records collected at continuous-record stations are invaluable for preparing safe, efficient, and economical designs for water-power, reclamation, and flood-control structures and projects, and for selecting sites for industrial developments requiring quantities of water.

Information collected on flood peaks is of particular value in designing highways, railroads, and bridges, and in selecting or avoiding locations for business, industry, or residential areas. These data have been employed extensively in preparing flood-frequency analyses and in devising means for estimating the magnitude and frequency of floods at specified locations (see references on p. 12).

Provisions for accommodating flood flows in engineering designs for hydraulic structures and systems are generally based upon floods estimated to have certain recurrence intervals. There is, however, wide interest in, and application for, knowledge concerning the greatest flood which has or might be expected to occur in a given area, particularly where human life and large capital investments are involved. Although historical events are almost certain to be surpassed at some time in the future, there is little else on which to base estimates at the present time.

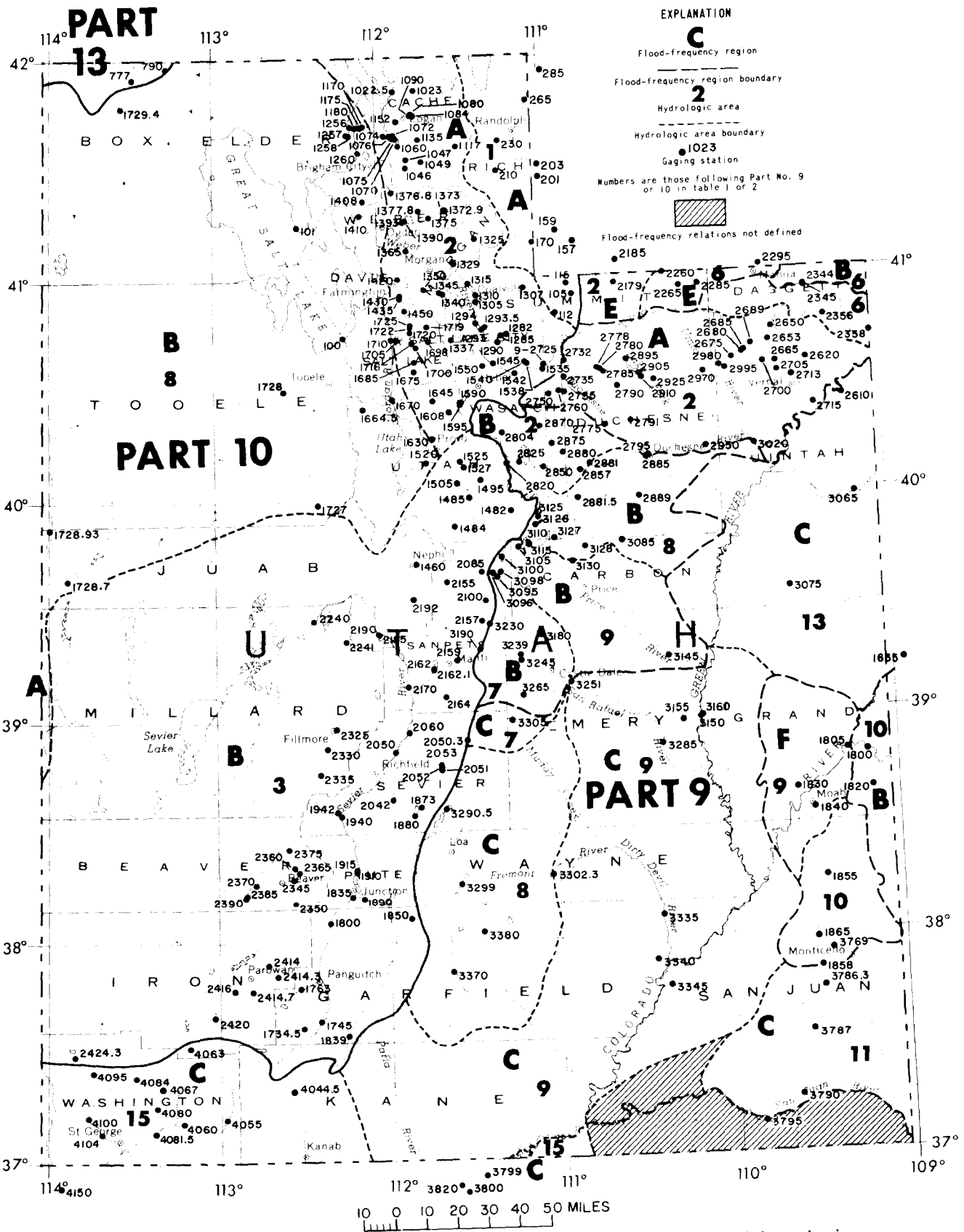

Figure 1.—Locations of continuous-record stations in 1968 and boundaries of flood-frequency regions and hydrologic areas.

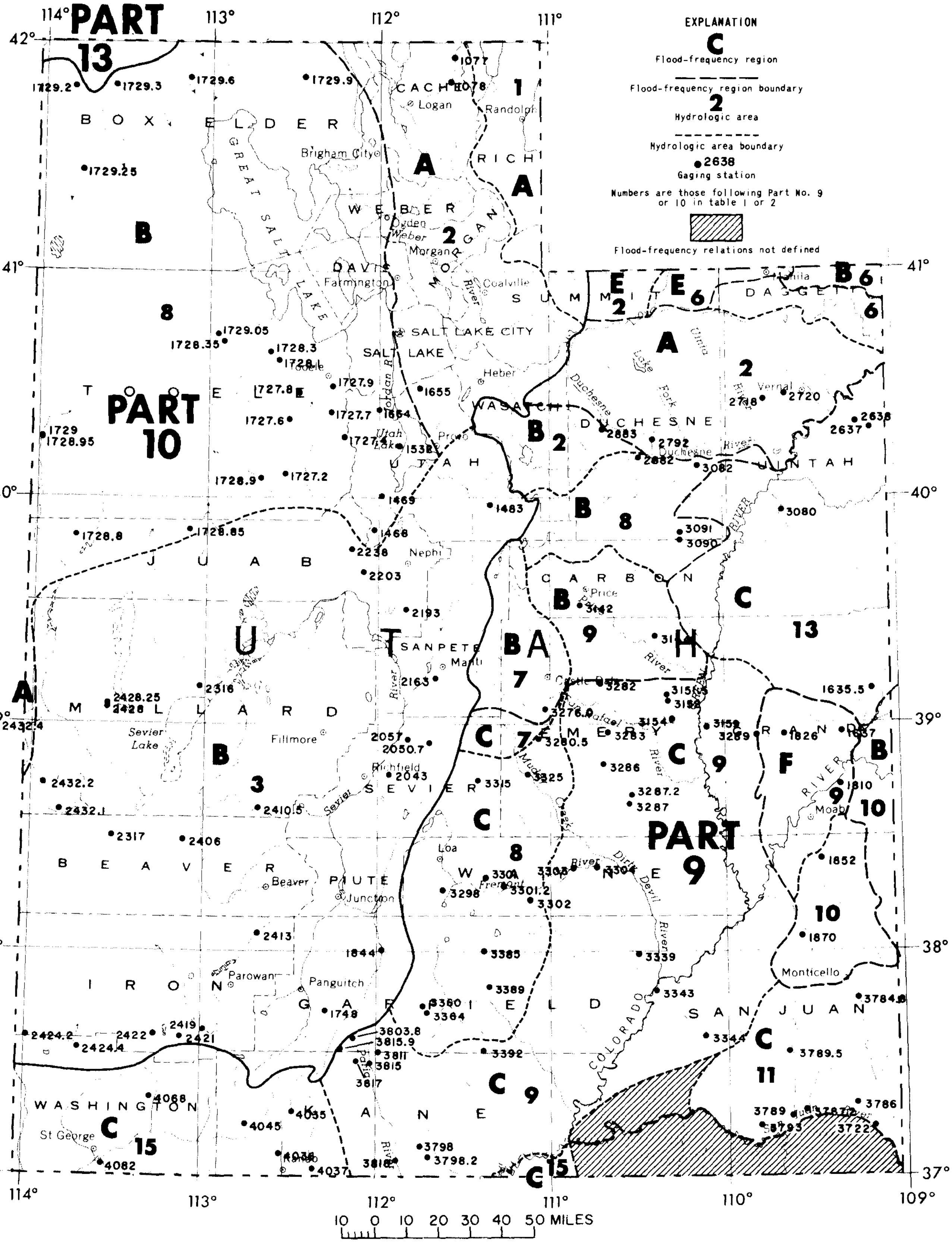

Figure 2.—Locations of crest-stage stations in 1968 and boundaries of flood-frequency regions and hydrologic areas.

SUMMARY OF MAXIMUM FLOODS

This report summarizes the maximum discharges recorded at practically all continuous-record stations which have been operated in Utah for significant periods of time, in addition to those for a few sites near the Utah border in adjoining states (table 1), at all crest-stage stations operated by the Utah District (table 2), and at miscellaneous sites in Utah or near the Utah border (table 3).

Discharge per unit area (cubic feet per second per square mile) is commonly used for depicting intensity of flood runoff. This factor, when plotted against drainage area on logarithmic coordinates, pictures the data in readily usable form. The data summarized in this report are graphically illustrated in figure 3 (Colorado River Basin) and in figure 4 (the Great Basin). Only two stations are being operated in the Snake River basin in Utah, and in this report they have been plotted with data for the Great Basin.

The individual events have been plotted in figures 3 and 4 by one of several symbols and further identified by numbers corresponding to those appearing in the left-hand column of the tables. Floods recorded at continuous-record stations were plotted in two categories—rainfall floods and snowmelt floods. Floods occurring during the normal snowmelt period, late March through early June, were considered snowmelt peaks; and floods occurring during other parts of the year were considered rainfall peaks.

Floods determined at crest-stage stations were plotted using a third symbol, and those at miscellaneous sites or at gaging-station sites outside the period of record were shown by a fourth symbol. A few crest-stage stations have been established at former regular gaging-station sites, and vice versa; the maximum flood recorded for each category has been listed.

The maximum unit runoff for a number of sites listed in tables I and 2 was less than 1.0 cfs per sq mi (cubic feet per second per square mile), the lower limit of figures 3 and 4, and therefore were not plotted.

Some of the larger floods on record have resulted from rain falling upon snow. Such floods, listed in tables 1, 2, and 3 (Colorado River Basin), occurred on Sheep Creek near Manila (Nos. 273 and 274) and on Ashley Creek above Red Pine Creek, near Vernal (No. 46) on June 10 and 11, 1965, and on South Ash Creek near Pintura (Nos. 186 and 269) on December 6, 1966. One listed in table 1 (the Great Basin) occurred December 24, 1964, on Wheeler Creek near Huntsville (No. 80). Some of the floods in southwestern Utah in December 1966, which were described by Butler and Mundorff (1968), were affected by rain on snow. Peaks that are known to have been materially affected by rain on snow have been plotted in figures 3 and 4 as described above, except that solid symbols have been used. Many other peaks may have been affected to some degree by rain on snow, but this information is difficult to document. Only one of these events, that on Ashley Creek above Red Pine Creek, produced a significantly high unit runoff, and it was not considered to be representative of normal snowmelt.

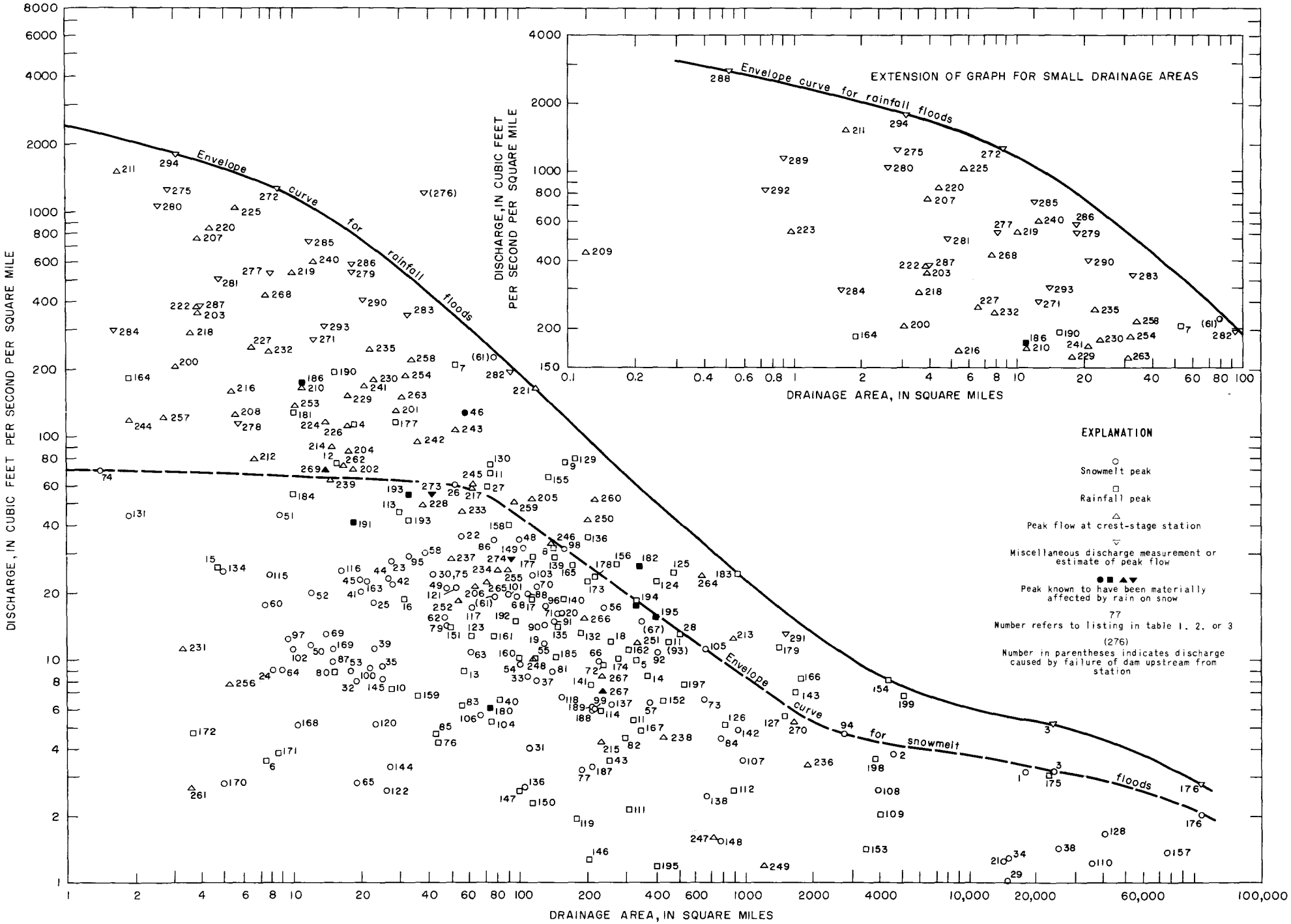

Figure 3.—Maximum discharges for Utah streams in the Colorado River Basin.

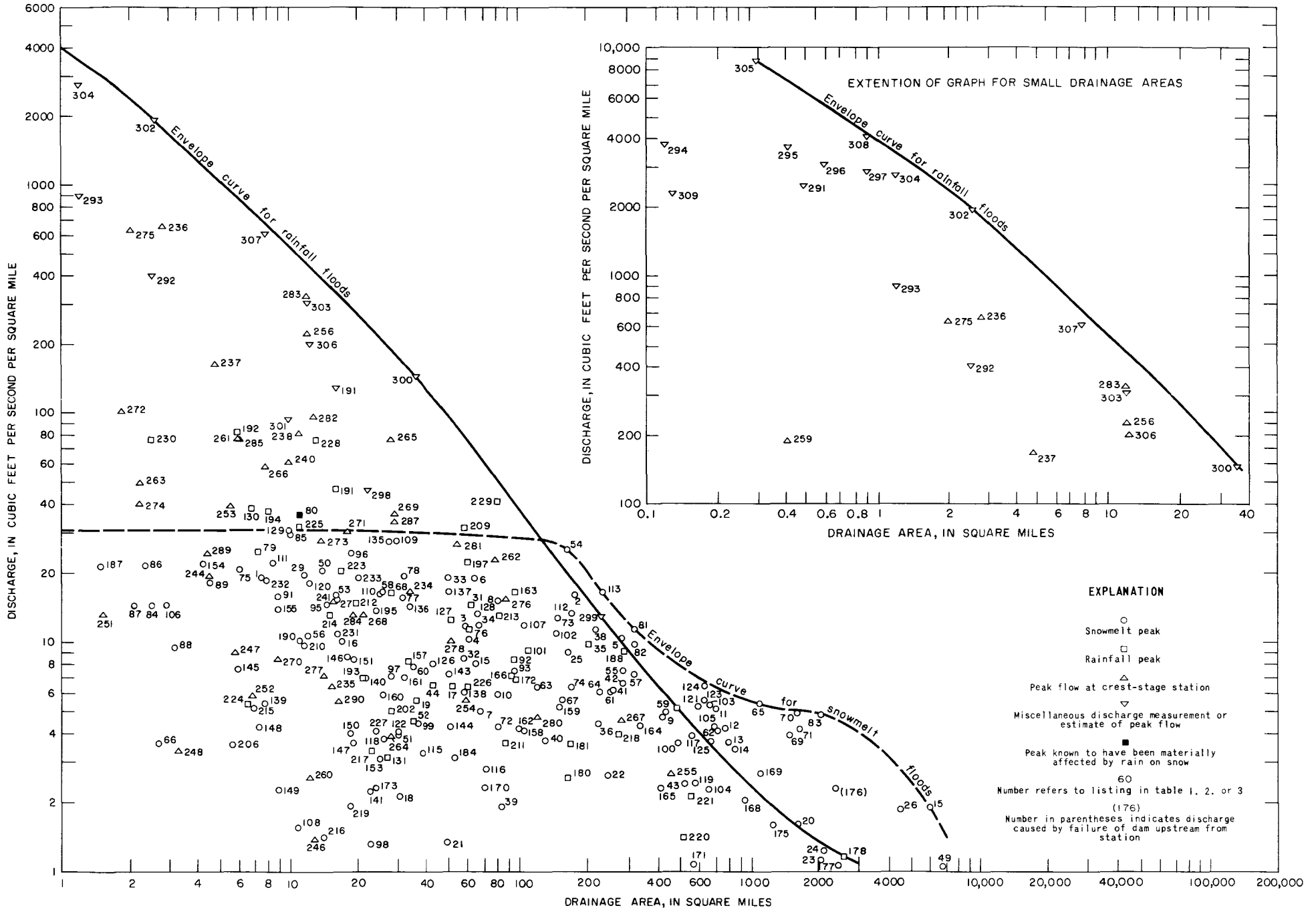

Figure 4.—Maximum discharges for Utah streams in the Great Basin.

The greatest widespread flooding known in the Ogden-Salt Lake City-Provo area was caused by high temperatures which melted an unusually heavy snow cover in the spring of 1952. These floods were described by Somers (1957). The highest discharges on record for many of the gaging stations along the Wasatch front occurred during that period.

Several of the maximum discharges that have been recorded were caused by the failure of dams. These events were not considered in arriving at the conclusions stated in this report.

FLOOD-FREQUENCY DATA

A series of U. S. Geological Survey water-supply papers, entitled "Magnitude and Frequency of Floods in the United States," provide methods for estimating flood runoff that might be expected from a particular drainage basin at recurrence intervals ranging up to 50 years. Those by Butler, Reid, and Berwick (1966) for the Great Basin, Patterson and Somers (1966) for the Colorado River Basin, and Thomas, Broom, and Cummans (1963) for the Snake River basin contain flood-frequency data for Utah. The methods employed in deriving flood-frequency analyses are described in the above references.

Lines have been drawn in figures 5-11 representing the magnitude of 50-year floods for the several flood-frequency regions, hydrologic areas, and mean drainage basin altitudes in Utah as indicated in the flood-frequency reports for the Colorado River Basin and for the Great Basin. Flood regions, hydrologic areas, and mean altitudes are shown on each of the lines, and also in the tables. This information is included to facilitate cross-reference between this report and the flood-frequency reports cited.

The flood-frequency reports contain separate analyses for the main stems of the larger streams. The 50-year floods for some of the main stems have been shown in figures 12 and 13.

The flood events listed in tables 1-3, and plotted in figures 3 and 4, have also been plotted on the graph for the appropriate flood region or main stem in figures 5-13.

The altitude of the gage site has been listed in the tables for sites where the mean altitude of the basin has not been determined. An approximate figure for mean altitude may be determined by adding two-thirds of the vertical distance between the gage and the top of the drainage divide to the elevation at the gage.

CONCLUSIONS

Enveloping curves have been drawn in figures 3 and 4. One curve in each figure applies to rainfall floods and the other to snowmelt floods. Portions of the enveloping curves for rainfall and snowmelt floods have also been included in figures 5-13.

Only the highest discharge of record has been listed for each gaging station in most cases. A brief search of the records for those stations where the highest peak was caused by rainfall did not reveal lesser peaks caused by snowmelt which would exceed in unit runoff those used to define the snowmelt envelope curves.

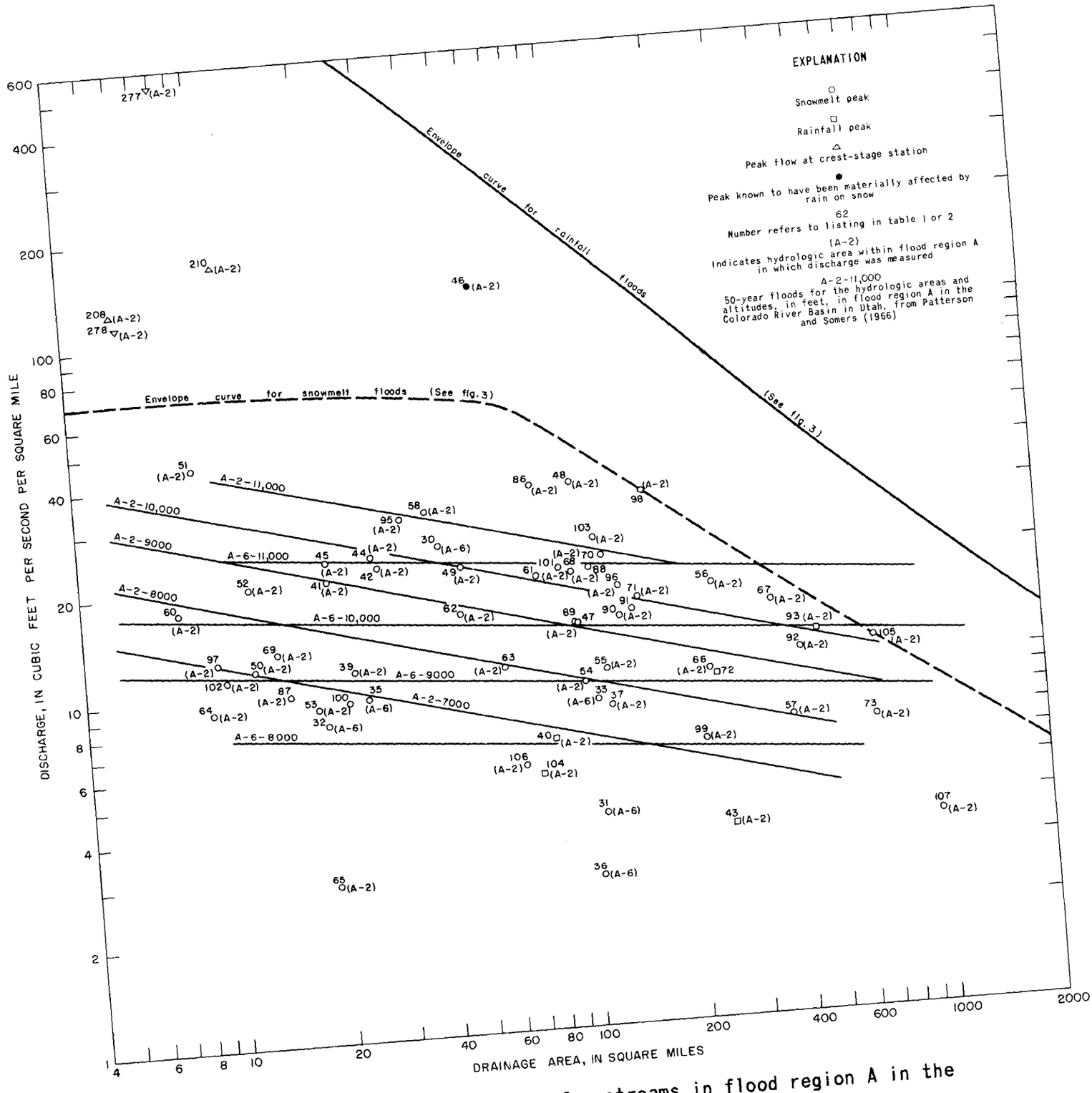

Figure 5.—Maximum discharges for streams in flood region A in the Colorado River Basin.

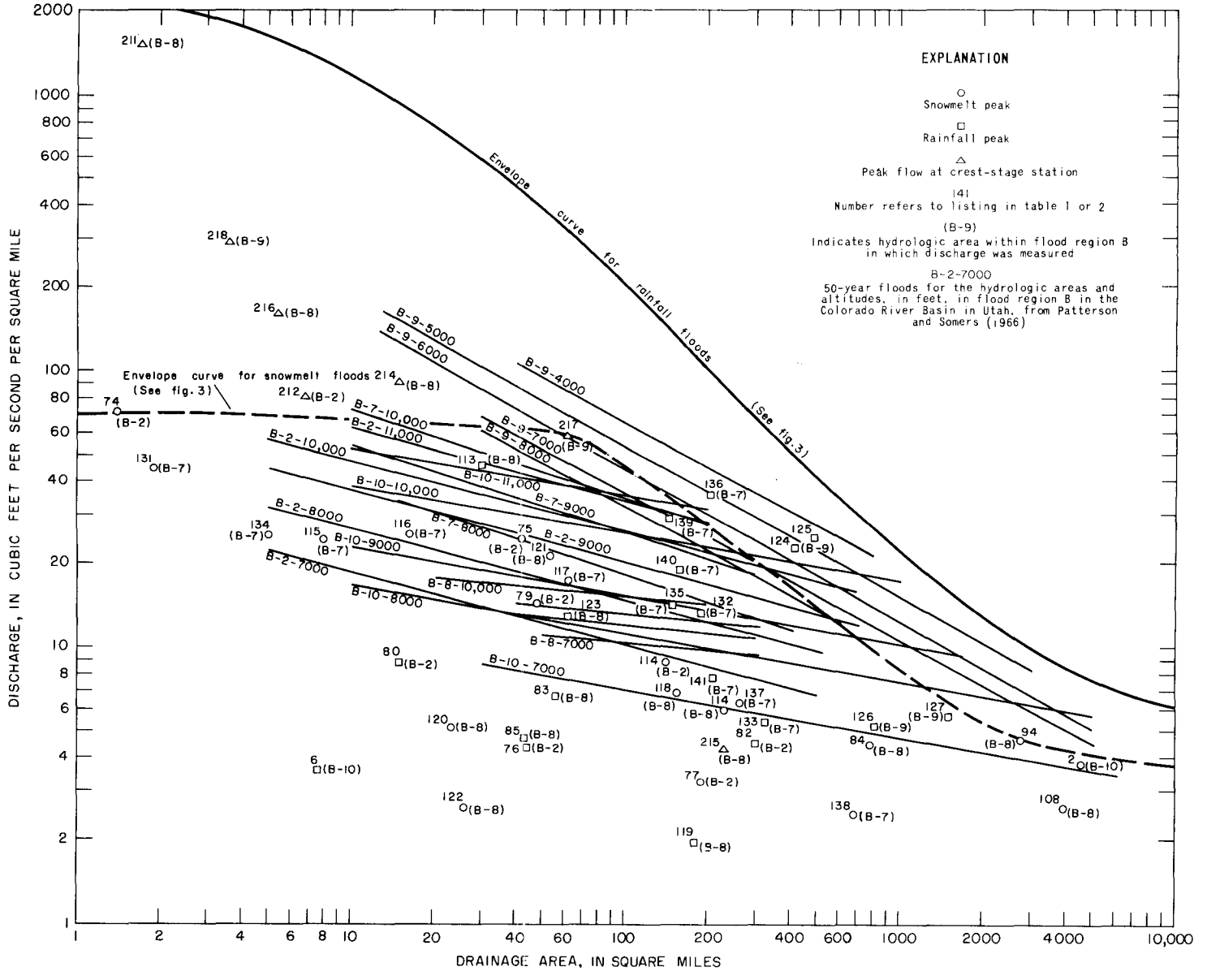

Figure 6.—Maximum discharges for streams in flood region B in the Colorado River Basin.

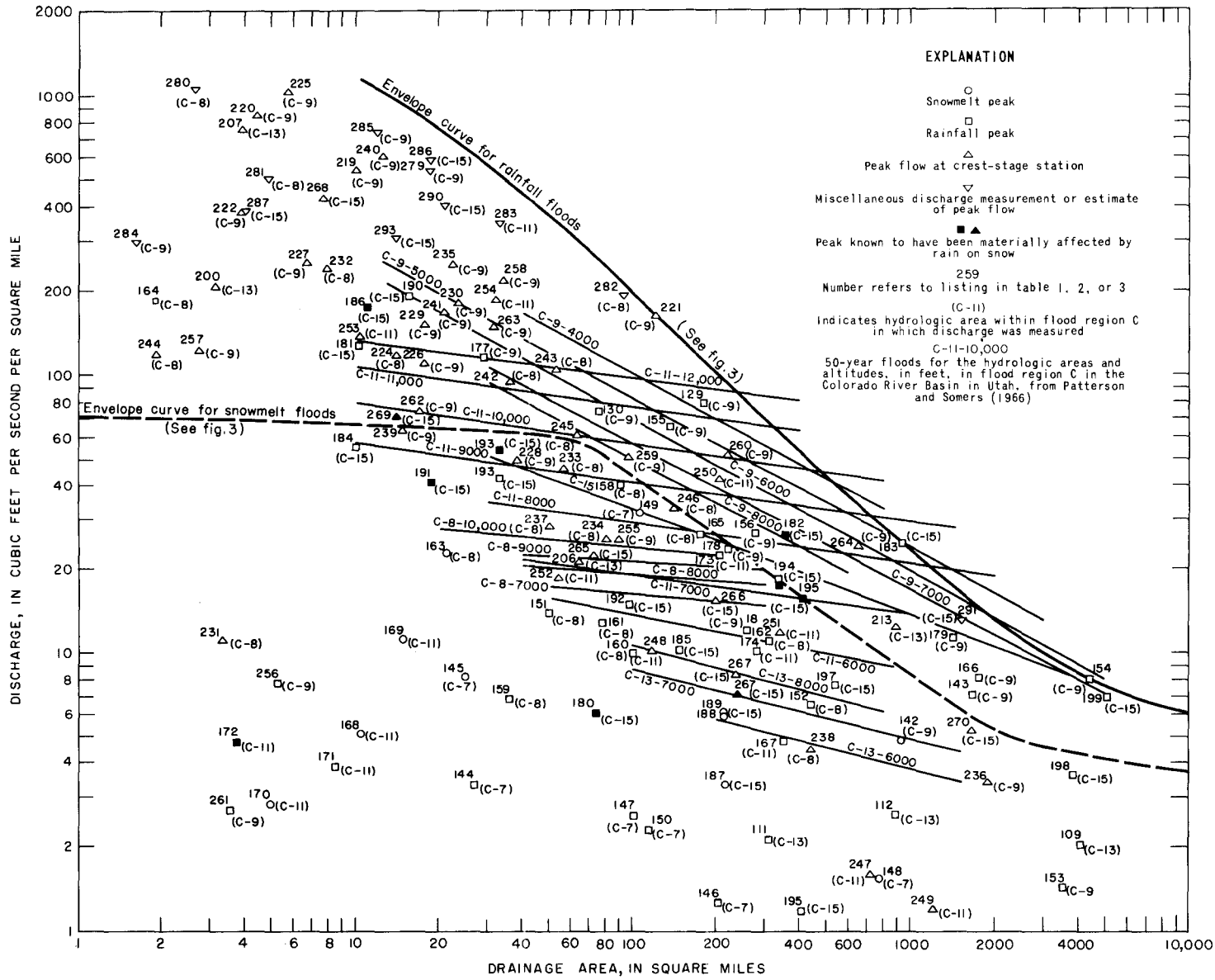

Figure 7.—Maximum discharges for streams in flood region C in the Colorado River Basin.

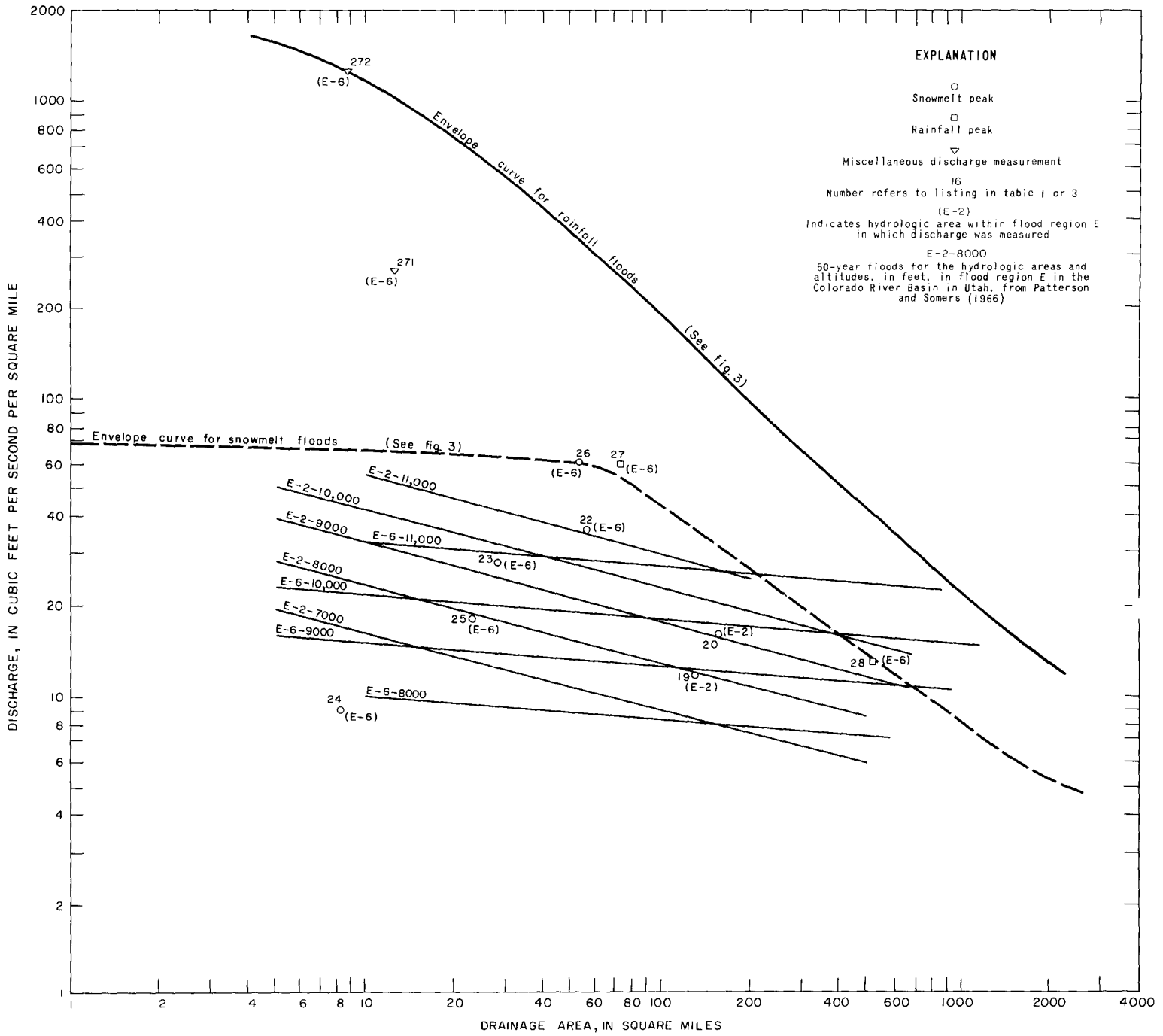

Figure 8.—Maximum discharges for streams in flood region E in the Colorado River Basin.

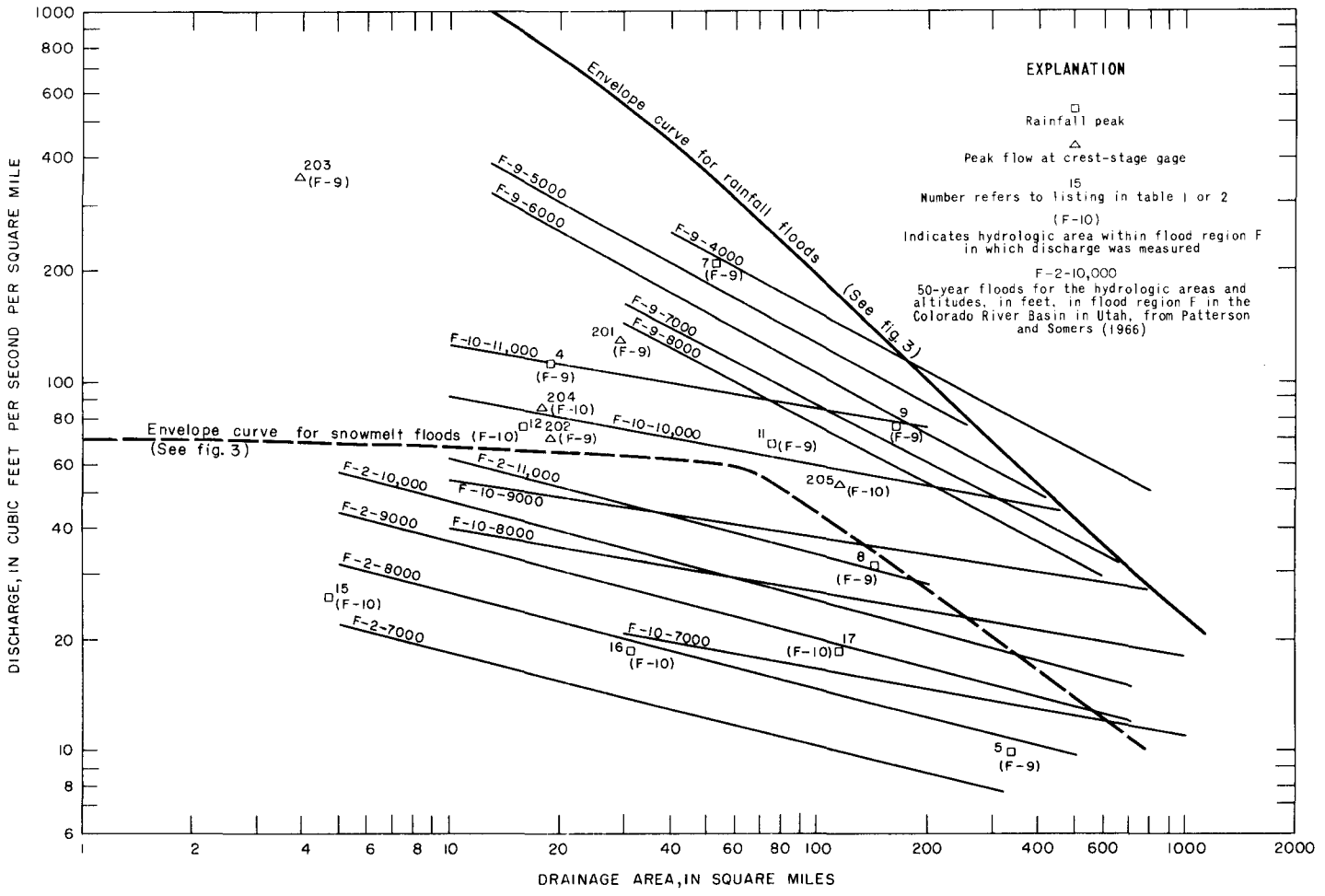

Figure 9.—Maximum discharges for streams in flood region F in the Colorado River Basin.

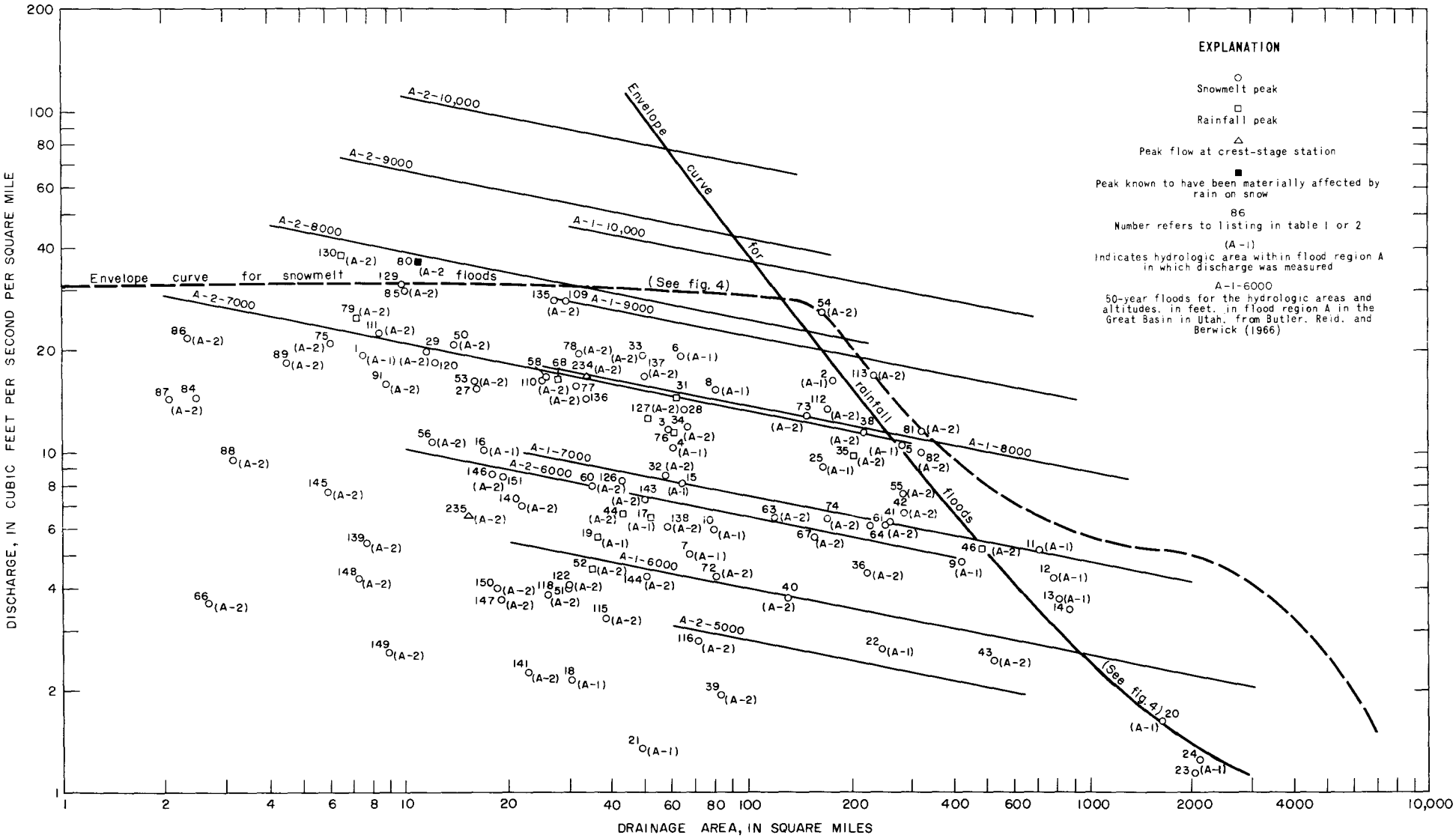

Figure 10.—Maximum discharges for streams in flood region A in the Great Basin.

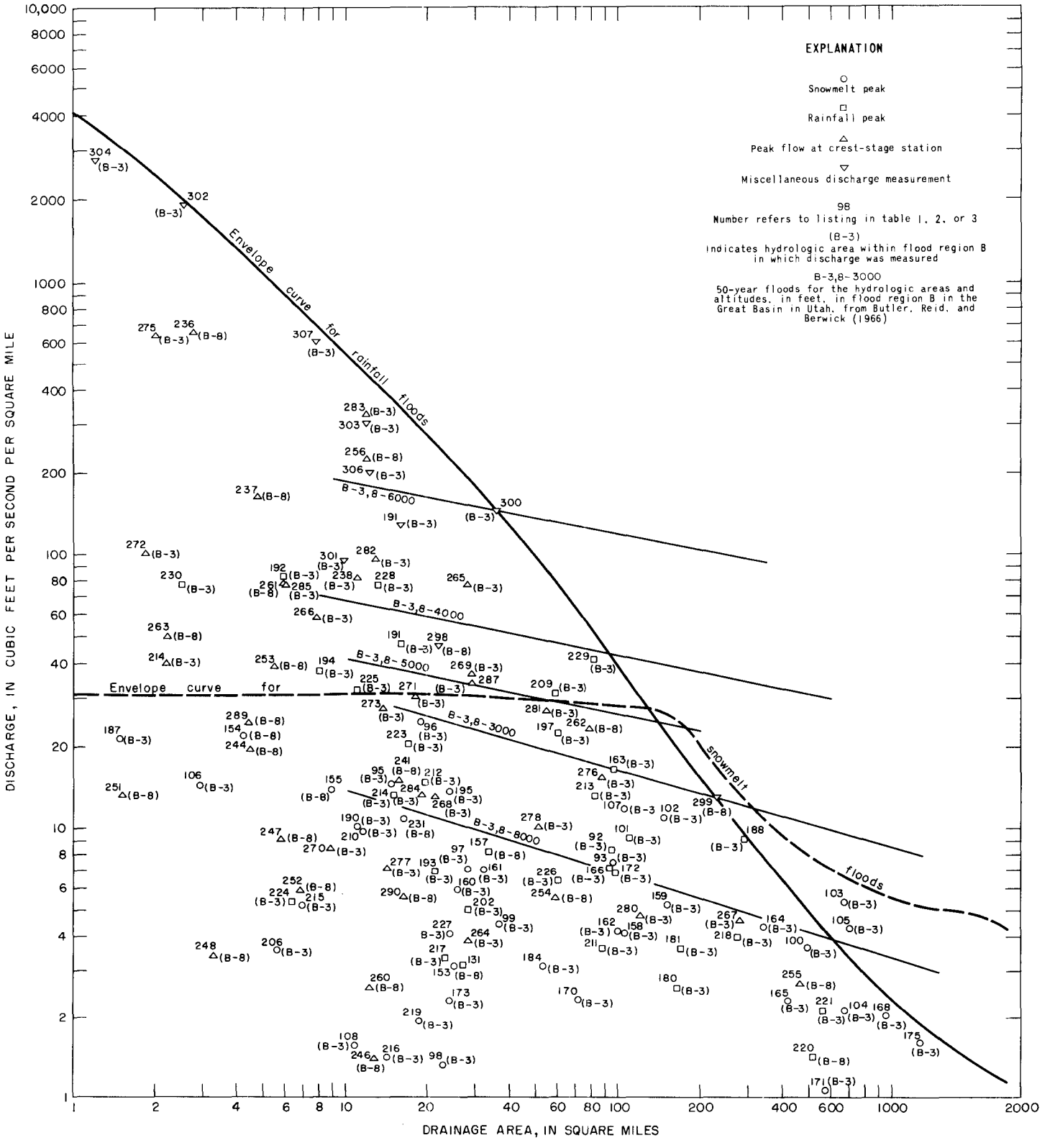

Figure 11.—Maximum discharges for streams in flood region B in the Great Basin.

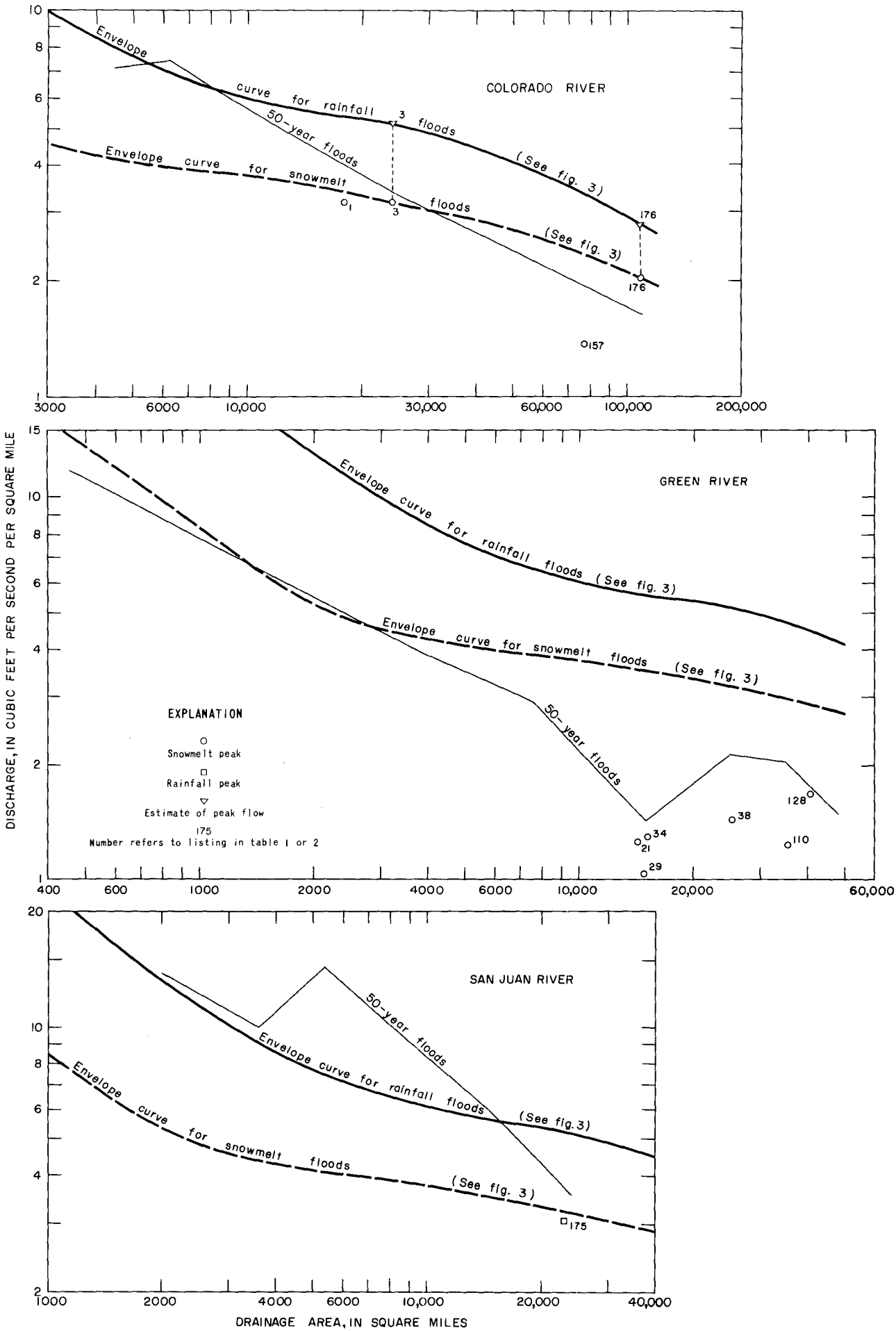

Figure 12.—Maximum discharges and 50-year floods for three of the main streams in the Colorado River Basin.

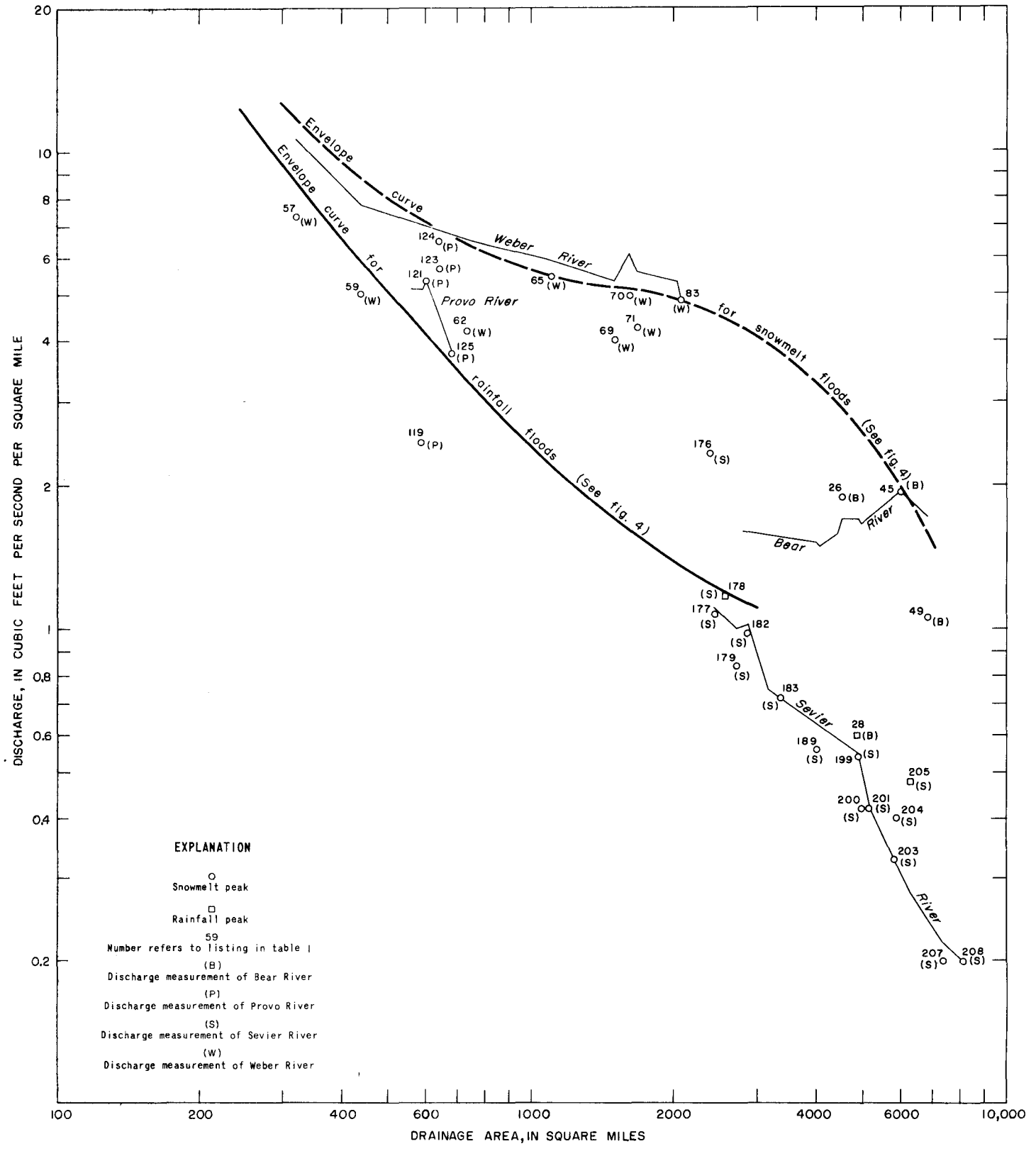

Figure 13.—Maximum discharges and 50-year floods for main streams in the Great Basin.

Table 4 lists the unit runoff for various sized drainage areas as indicated by the envelope curves. It is logical to assume that the figures shown will be exceeded at some time in the future. Floods producing high rates of runoff are most likely to occur on small drainage basins in mountainous areas or in steep desert areas in southeastern or extreme southwestern Utah, and are least likely to occur in the western desert areas. Judgment in applying the data to a specific site would be improved by cross-reference between information in figures 3 and 4 and the more complete data in tables 1, 2, and 3.

The preponderance of points in figures 3 and 4 which fall far below the envelope curves indicates how infrequently floods producing high rates of runoff are experienced on Utah streams. Storms producing up to 20 inches of rainfall, not uncommon in some parts of the nation, are practically unheard of in Utah due to climatic conditions. Moreover, the severe storms which do occur are nearly always concentrated over very small areas. The unit runoff experienced on a few very small drainage basins is exceptionally high, however, and is due largely to the very steep slopes which cause rapid concentration of rainfall.

Flood data for very small drainage basins is scarce, partly because most small areas which produce flow a significant part of the time are usually located at high altitudes where access for stream gaging is difficult and where thick snowpack is not conducive to rapid melting and high rates of runoff. More attention has been given to small areas in recent years, particularly through the crest-stage gage program and through miscellaneous flood measurements.

Maximum recorded peaks caused by snowmelt at regular gaging stations in the Great Basin in Utah outnumber those caused by rainfall about 3½ to 1. They are about equally divided in the Colorado River Basin in Utah.

A few points concerning the enveloping curves in figures 3 and 4 are interesting and worthy of comment:

1. If the envelope curves for rainfall floods in the Colorado River Basin and those for the Great Basin were drawn on the same chart, they would intersect at drainage area 2.6 sq mi and diverge considerably with increasing area. The Colorado River Basin shows the greater unit runoff at areas greater than 2.6 sq mi. The divergence at small areas is believed to be due to the paucity of data; it is suspected that the basins should show similar unit runoffs, or that the Colorado River Basin should show the higher unit runoff. The Colorado River Basin is affected by a number of factors which contribute to rapid concentration of runoff, resulting in high peak discharges of relatively short duration. In general, the headwaters of streams in the Colorado River Basin are at higher altitudes and the stream slopes are steeper than those of streams in the Great Basin. There are large desert areas having relatively steep slopes and little or no vegetation in the Colorado River Basin. Also, southeastern Utah is subject to more high-intensity thunderstorms than are the western and northern parts of the State. While there are large areas of desert in western Utah, they have relatively flat slopes and the water that falls upon them remains in the same general vicinity until evaporated. In the Great Basin, high-intensity storms are infrequent and seldom extend over a significant area, partly because the Great Basin is shielded by mountains from the moist air from the Gulf of Mexico. The larger rivers in the Great Basin drain relatively long narrow valleys which tend to produce low peak discharges of long duration. Extensive storage and diversions have an important damping effect upon flood runoff in the larger streams of the Great Basin.

2. There is no marked difference in the snowmelt flood curves for the Colorado River Basin and the Great Basin, although the data indicate a higher unit runoff for the Colorado River Basin throughout. The fact that both curves drop off sharply above areas of 60 and 175 sq mi, respectively, indicates that most of the snowmelt water is supplied by areas at high altitude, allowing the unit runoff to drop rapidly as the water progresses downstream into the larger channels at lower altitude. The drop is most pronounced for streams in the Great Basin.

The curve for snowmelt floods in the Great Basin was extended horizontally at 31 cfs per sq mi below a drainage area of 10 sq mi since a higher runoff has not been recorded for smaller areas. It could not bend downward, since it would be impossible to obtain a given yield without at least as high a yield from the parts of the area above. If some portions of the area yielded less, which is logical to assume, then other portions would have to produce a greater yield.

3. The snowmelt curve for the Great Basin is well below the rainfall curve for areas less than 125 sq mi, but crosses over at that point and remains considerably above the rainfall curve, particularly for areas greater than 500 sq mi. Rainstorms in Utah rarely reach high intensity over large areas. When the rainfall peaks from small areas reach the main stream channels, which are likely to be at low flow, the peaks are rapidly dissipated and the unit runoff decreases. Snowmelt water, on the other hand, comes from considerably larger areas and sustains the flow in the lower reaches of streams, which may already be carrying a substantial flow, at a high level.

The snowmelt curve for the Colorado River Basin approaches the rainfall curve for the Colorado River Basin, but never reaches as high as the rainfall curve. The main rivers here are much larger than those in the Great Basin and derive most of their flow from adjoining states, where the climate is considerably different. Also, their lower reaches, except in the Uinta Basin, are many miles removed from the principal sources of snowmelt water. Extensive regulation is likely to have a large effect on flood peaks in the large river of the Colorado River Basin in future years.

4. The rainfall envelope curves for both the Colorado River Basin and the Great Basin show maximum floods exceeding the 50-year floods indicated by the straight lines drawn in figures 5-11. The separate analyses for the main streams should not be overlooked (see figs. 12 and 13).

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Table 1.—Maximum discharges at regular gaging stations

Flood region and hydrologic area: MS indicates main-stem station.
Mean altitude of drainage basin: Feet above mean sea level; figures in parentheses indicate the altitude at the gage.

Number in figure 3	Station number	Gaging station	Latitude	Longitude	Mean altitude of drainage basin (feet)	Flood region and hydrologic area	Period of record	Drainage area (sq mi)	Maximum gage height and discharge			
									Date	Gage height (feet)	Discharge	
											Cfs	Cfs per sq mi
		COLORADO RIVER BASIN										
		Colorado River main stem										
1	9-1635.00	Colorado River near Colorado-Utah State line	39 09	108 57	(4,370)	MS	1951-67	17,900	June 9, 1957	16.40	56,800	3.17
		Dolores River basin										
2	9-1800.00	Dolores River near Cisco, Utah	38 47 50	109 12 40	(4,165)	B 10	1950-67	4,580	April 21, 1958	9.84	17,400	3.80
		Colorado River main stem										
3	9-1805.00	Colorado River near Cisco, Utah	38 48 40	109 17 35	(4,090)	MS	1895-1967	24,100	July 4, 1884	-	125,000[1]	5.19
									June 19, 1917	19.7	76,800	3.19
		Tributaries between Dolores River and Green River										
4	9-1810.00	Onion Creek near Moab, Utah[2]	38 43 30	109 20 40	5,810	F 9	1950-55	18.8	Aug. 29, 1951	5.10	2,100	112.7
5	9-1815.00	Professor Creek near Moab, Utah	38 43 45	109 22 30	(4,070)	F 9	1950-53	336	Aug. 29, 1951	8.26	3,330	9.91
6	9-1820.00	Castle Creek above diversions, near Moab, Utah	38 35 30	109 15 55	9,480	B 10	1950-55, 1957-67	7.58	Aug. 11, 1967	1.71	27	3.56
7	9-1825.00	Castle Creek near Moab, Utah	38 40 45	109 26 55	6,380	F 9	1950-55, 1957-58	53.1	Aug. 13, 1954	10.9	11,000	207
8	9-1829.00	Courthouse Wash at Arches Highway Crossing near Moab, Utah	38 38 55	109 35 55	(4,100)	F 9	1959-66	143	Sept. 9, 1961	6.26	4,530	31.7
9	9-1830.00	Courthouse Wash near Moab, Utah	38 36 45	109 34 45	4,810	F 9	1949-55, 57,66-67	162	Aug. 5, 1957	9.38	12,300	75.9
10	9-1835.00	Mill Creek at Sheley Tunnel near Moab, Utah	38 29 00	109 24 25	(5,400)	F 10	1954-59	27.4	Aug. 30, 1957	3.97	204	7.45
11	9-1840.00	Mill Creek near Moab, Utah	38 33 40	109 30 50	7,170	F 9	1949-67	74.9	Aug. 21, 1953	10.74	5,110	68.2
12	9-1845.00	Pack Creek at M4 Ranch, near Moab, Utah	38 26 10	109 21 15	(6,140)	F 10	1954-59	15.8	July 26, 1955	9.02	1,200	75.9
13	9-1850.00	Pack Creek near Moab, Utah	38 30 25	109 30 00		F 9	1954-59	57.4	Oct. 8, 1954	4.05	510	8.89
14	9-1855.00	Hatch Wash near LaSal, Utah	38 14 35	109 26 25	6,550	F 10	1950-67	378	Aug. 4, 1959	6.43	3,210	8.49
15	9-1860.00	Indian Creek near Monticello, Utah	37 50 40	109 31 05	9,620	F 10	1949-57	4.70	Aug. 6, 1955	2.74	122	26.0
16	9-1865.00	Indian Creek above Cottonwood Creek near Monticello, Utah	37 58 30	109 31 05	7,130	F 10	1949-67	31.2	July 20, 1955	8.15	582	18.7
17	9-1870.00	Cottonwood Creek near Monticello, Utah[2]	38 03 45	109 34 25	7,210	F 10	1949-57	115	July 10, 1953	6.00	2,140	18.6
18	9-1875.00	Indian Creek above Harts Draw near Monticello Utah	38 08 25	109 37 25	6,580	C 9	1949-57	258	Aug. 30, 1957	9.21	3,120	12.1
		Green River basin										
19	9-2179.00	Blacks Fork near Robertson, Wyo.	40 57 50	110 34 40	(8,804)	E 2	1937-39, 1966-67	130	June 23, 1967	4.29	1,530	11.8
20	9-2185.00	Blacks Fork near Millburne, Wyo.	41 03	110 34	10,270	E 2	1939-67	156	June 7, 1957	6.00	2,530	16.2
21	9-2255.00	Green River near Linwood, Utah	40 58 00	109 34 40	(5,845)	MS	1928-63	14,300	June 12, 1957	11.77	18,000	1.26
22	9-2260.00	Henrys Fork near Lonetree, Wyo.	41 00	110 16	10,270	E 6	1942-67	56	June 10, 1965	6.30	2,010	35.9
23	9-2265.00	Middle Fork Beaver Creek near Lonetree, Wyo.	40 56 40	110 10 40	10,480	E 6	1948-67	28	June 11, 1965	4.36	775	27.7
24	9-2270.00	East Fork Beaver Creek near Lonetree, Wyo.	40 56 40	110 09 40	(8,600)	E 6	1948-62	8.2	May 31, June 1, 1952	-	74[3]	9.02
25	9-2275.00	West Fork Beaver Creek near Lonetree, Wyo.	40 56 50	110 13 00	10,680	E 6	1948-62	23	June 13, 1953	-	417	18.1
26	9-2285.00	Burnt Fork near Burntfork, Wyo.	40 56 50	110 04 20	10,300	E 6	1943-67	52.8	June 10, 1965	-	3,200	60.6
27	9-2290.00	Burnt Fork at Burntfork, Wyo.	41 02	110 01	(7,099)	E 6	1929-42	73	Aug. 2, 1936	9.60	4,360	59.7
28	9-2295.00	Henrys Fork at Linwood, Utah	41 00 45	109 40 20	(6,060)	E 6	1928-67	520	Aug. 3, 1936	7.19	6,750[4]	13.0
29	9-2305.00	Green River at Flaming Gorge near Linwood, Utah	40 57	109 36	(5,840)	MS	1923-38	14,900	July 1, 1927	-	15,400[3]	1.03
30	9-2320.00	Sheep Creek near Manila, Utah	40 53 10	109 54 10	(8,680)	A 6	1942-61	42	May 19, 1948	6.05	1,020	24.3
31	9-2325.00	Sheep Creek at mouth near Manila, Utah	40 56 00	109 39 20	(5,871)	A 6	1946-61	111	May 20, 1948	3.49	450	4.05
32	9-2330.00	Carter Creek near Manila, Utah	40 50 20	109 49 50	10,200	A 6	1948-54	19	June 3, 1952	2.98	153	8.05
33	9-2340.00	Carter Creek at mouth, near Manila, Utah	40 53 35	109 35 30	8,930	A 6	1946-55	110	June 4, 1952	3.74	928	8.44
34	9-2345.00	Green River near Greendale, Utah	40 54 30	109 25 20	(5,594)	MS	1950-67	15,100	June 12, 1957	10.60	19,600	1.30
35	9-2356.00	Pot Creek above diversions near Vernal, Utah	40 46	109 19	(7,550)	A 6	1957-67	25	April 2, 1961	3.82	235	9.40
36	9-2358.00	Pot Creek near Vernal, Utah	40 40	109 03	(6,900)	A 6	1957-67	106	April 7, 1962	3.85	286	2.70
37	9-2605.00	Jones Hole Creek near Jensen, Utah	40 33 30	109 03 15	7,560	A 2	1950-56, 1961	120	April 26, 1952	5.40	968	8.07
38	9-2610.00	Green River near Jensen, Utah	40 24 30	109 14 00	(4,760)	MS	1946-67	25,400	June 16, 1957	13.22	36,500	1.44
39	9-2615.00	Big Brush Creek above cave near Vernal, Utah	40 42 15	109 35 45	(8,360)	A 2	1946-55	23	June 3, 1952	-	261	11.3
40	9-2620.00	Big Brush Creek near Vernal, Utah	40 35	109 26	(5,530)	A 2	1939-67	82	July 12, 1962	3.73	543	6.62
41	9-2625.00	Little Brush Creek below East Park Reservoir near Vernal, Utah	40 45 30	109 32 00	(8,650)	A 2	1949-55	20	May 30, 1950	4.43	409	20.4
42	9-2630.00	Little Brush Creek near Vernal, Utah	40 43	109 30	9,180	A 2	1945-52	28	May 30, 1950	3.71	608	21.7
43	9-2635.00	Brush Creek near Jensen, Utah	40 24	109 21	(4,730)	A 2	1939-65	255	Aug. 17, 1941	5.50	900	3.53
44	9-2640.00	Ashley Creek below Trout Cr. near Vernal, Utah	40 44 00	109 40 40	9,950	A 2	1943-54	27	May 19, 1948	3.67	630	23.3
45	9-2645.00	South Fork Ashley Creek near Vernal, Utah	40 44 00	109 42 10	10,480	A 2	1943-55	20	June 18, 1949	3.84	460	23.0
46	9-2653.00	Ashley Creek above Red Pine Creek near Vernal, Utah	40 40 50	109 33 30	(7,870)	A 2	1964-67	58	June 10, 1965	12.13	7,400[5]	128
47	9-2655.00	Ashley Creek above springs near Vernal, Utah	40 35 20	109 37 20	(6,300)	A 2	1941-45	100	May 13, 1941	4.50	1,400	14.0
48	9-2665.00	Ashley Creek near Vernal, Utah	40 34 50	109 37 20	9,440	A 2	1911-67	101	June 11, 1965	4.42	3,500	34.7
49	9-2680.00	Dry Fork above sinks near Dry Fork, Utah	40 37 40	109 49 10	10,240	A 2	1939-67	48	June 10, 1965	4.78	1,010	21.0
50	9-2685.00	North Fork of Dry Fork near Dry Fork, Utah	40 38 20	109 48 30	9,100	A 2	1946-67	12	May 21, 1964	-	141	11.8
51	9-2689.00	East Fork of Dry Fork above sinks near Dry Fork, Utah	40 39 40	109 45 20	(8,300)	A 2	1960-67	8.8	June 10, 1965	2.12	395	44.9
52	9-2690.00	East Fork of Dry Fork near Dry Fork, Utah	40 39 00	109 45 40	9,330	A 2	1946-63	12	June 18, 1949	4.27	240	20.0
53	9-2695.00	East Fork of Dry Fork at mouth near Dry Fork, Utah	40 38	109 46	(7,700)	A 2	1949-52	18	June 1, 1950	3.31	162	9.00
54	9-2700.00	Dry Fork below springs near Dry Fork, Utah	40 34	109 42	9,360	A 2	1941-45, 1953-67	102	June 11, 1965	5.53	974	9.55
55	9-2705.00	Dry Fork at mouth near Dry Fork, Utah	40 31 40	109 36 20	9,190	A 2	1954-67	118	Aug. 25, 1955	-	1,210	10.3
56	9-2710.00	Ashley Cr. at Sign of the Maine near Vernal, Utah	40 31 00	109 35 40	9,100	A 2	1900-04, 1939-65	241	June 11, 1965	5.34	4,110	17.1
57	9-2715.00	Ashley Creek near Jensen, Utah	40 22	109 25	7,810	A 2	1946-67	386	June 11, 1965	7.16	2,500	6.48
58	9-2730.00	Duchesne River at Provo River Trail near Hanna Utah	40 37 30	110 53 20	10,200	A 2	1929-33, 1935-54	39	June 13, 1953	4.30	1,180	30.3
59	9-2732.00	Duchesne River below Little Deer Cr. near Hanna, Utah	40 37 20	110 53 30	(8,000)	A 2	1964-67	39	June 13, 1965	-	-	-
60	9-2735.00	Hades Creek near Hanna, Utah	40 32 10	110 52 00	9,730	A 2	1949-67	7.5	June 9, 1952	2.13	132	17.6
61	9-2740.00	Duchesne River near Hanna, Utah	40 32 00	110 52 00	9,810	A 2	1921-23, 1929-30, 1946-63	78 -	June 13, 1953 June 16, 1963	5.65 12.38	1,500 17,500[6]	19.2 224
62	9-2750.00	West Fork Duchesne River below Dry Hollow near Hanna, Utah	40 26 55	110 58 30	9,130	A 2	1949-67	47	June 7, 1965	4.28	735	15.6
63	9-2755.00	West Fork Duchesne River near Hanna, Utah	40 27 00	110 53 00	8,840	A 2	1921-23, 1945-67	61	June 6, 1957	-	666	10.9
64	9-2760.00	Wolf Creek above Rhodes Canyon near Hanna, Utah	40 28 20	110 55 05	9,040	A 2	1945-67	9	June 8, 1952	2.64	82	9.11
65	9-2765.00	Wolf Creek near Hanna, Utah	40 27	110 53	(7,210)	A 2	1921-23	19	May 26, 1923	1.54	54	2.84
66	9-2770.00	Duchesne River at Hanna, Utah	40 25	110 47	(6,780)	A 2	1953-60	230	June 7, 1957	5.16	2,260	9.83
67	9-2775.00	Duchesne River near Tabiona, Utah	40 18 00	110 36 55	8,770	A 2	1918-67	352	June 16, 1963	7.97	5,260[6]	14.9

Table 1 — (Continued)

Number in figure 3	Station number	Gaging station	Latitude	Longitude	Mean altitude of drainage basin (feet)	Flood region and hydrologic area	Period of record	Drainage area (sq mi)	Maximum gage height and discharge			
									Date	Gage height (feet)	Discharge	
											cfs	cfs per sq mi
		COLORADO RIVER BASIN — (Continued)										
68	9-2778.00	Rock Creek above South Fork near Hanna, Utah	40 33 30	110 41 50	(7,920)	A 2	1965-67	98	June 20, 1967	4.70	1,890	19.3
69	9-2780.00	South Fork Rock Creek near Hanna, Utah	40 33 10	110 42 10	10,000	A 2	1953-67	14	June 12, 1965	2.49	183	13.1
70	9-2785.00	Rock Creek near Hanna, Utah	40 33 00	110 39 40	10,200	A 2	1949-67	120	June 13, 1953	8.60	2,540	21.2
71	9-2790.00	Rock Creek near Mountain Home, Utah	40 29 40	110 34 40	10,000	A 2	1937-67	149	June 14, 1953	6.02	2,390	16.0
72	9-2791.00	Rock Creek near Talmage, Utah	40 18 20	110 29 30	(6,119)	A 2	1963-67	240	July 25, 1965	4.32	2,270	9.46
73	9-2795.00	Duchesne River at Duchesne, Utah	40 09 50	110 23 40	9,140	A 2	1917-67	660	June 10, 1922	8.65	4,420	6.70
74	9-2804.00	Hobble Creek at Daniels Summit near Wallsburg, Utah	40 17 40	111 15 50	(8,200)	B 2	1963-67	1.4	May 23, 1964	2.38	99	70.7
75	9-2850.00	Strawberry River near Soldier Springs, Utah (regulated)	40 08 10	111 01 40	7,970	B 2	1942-56, 1963-67	427/	May 4, 1952	3.84	1,020	24.3
76	9-2855.00	Willow Creek near Soldier Springs, Utah	40 07 05	111 00 35	8,760	B 2	1943-47	44	July 30, 1943	2.35	192	4.36
77	9-2857.00	Strawberry River above Red Creek near Fruitland, Utah	40 07 05	110 48 30	(6,240)	B 2	1963-67	190/	May 14, 1964	3.80	610	3.21
78	9-2865.00	Red Creek near Fruitland, Utah	40 12	110 47	-	B 2	1917-22, 1955-61	89	Aug. 1919	8.95	Not determined	-
79	9-2870.00	Currant Creek below Red Ledge Hollow near Fruitland, Utah	40 19 30	111 02 40	8,880	B 2	1945-67	48	May 2, 1952	3.93	688	14.3
80	9-2875.00	Water Hollow near Fruitland, Utah	40 14 30	110 58 40	8,380	B 2	1946-67	15	July 18, 1964	3.24	133	8.87
81	9-2880.00	Currant Creek near Fruitland, Utah	40 12	110 54	8,360	B 2	1934-67	142	May 4, 1952	2.72	1,260	8.87
82	9-2881.00	Red Creek below Currant Creek near Fruitland, Utah	40 08 40	110 45 10	(6,130)	B 2	1963-67	300	Aug. 31, 1967	4.74	1,340	4.47
83	9-2881.50	Cottonwood Creek near Fruitland, Utah	39 59 40	110 49 00	(6,750)	B 8	1964-67	56	July 30, 1965	3.17	354	6.32
84	9-2885.00	Strawberry River at Duchesne, Utah	40 09 40	110 24 40	7,660	B 8	1908-10, 1914-67	780/	May 7, 1952	5.34	3,490	4.47
85	9-2889.00	Sowers Creek near Duchesne, Utah	39 59 40	110 27 10	(6,800)	B 8	1964-67	43	Aug. 3, 1966	5.41	202	4.70
86	9-2895.00	Lake Fork above Moon Lake near Mountain Home, Utah	40 36 00	110 31 00	10,800	A 2	1933-34, 1942-55, 1964-67	78	June 26, 1944	4.27	2,700	34.6
87	9-2900.00	Brown Duck Creek near Mountain Home, Utah	40 34 30	110 31 00	(8,200)	A 2	1933-34, 1942-55	15	June 4, 1952	2.75	148	9.87
88	9-2910.00	Lake Fork below Moon Lake near Mountain Home, Utah	40 33 30	110 29 20	(7,970)	A 2	1921-34, 1942-67	110	June 19, 1949	-	2,180	19.8
89	9-2915.00	Yellowstone Creek below Swift Creek near Altonah, Utah	40 35 50	110 20 50	10,810	A 2	1949-55	99	June 6, 1952	-	1,400	14.1
90	9-2925.00	Yellowstone Creek near Altonah, Utah	40 31 00	110 20 30	10,440	A 2	1944-67	131	June 19, 1949	4.55	1,880	14.4
91	9-2930.00	Yellowstone Creek near Mountain Home, Utah	40 27	110 22		A 2	1943-44	143	June 26, 1944	3.92	2,130	14.9
92	9-2940.00	Lake Fork near Upalco, Utah	40 15 30	110 13 10	(5,480)	A 2	1942-55	418	June 26, 1944	6.05	4,520	10.8
93	9-2945.00	Lake Fork near Myton, Utah	40 13	110 07	(5,150)	A 2	1900-03, 1907-36	468	Nov. 24, 1927	-	5,600/	12.0
94	9-2950.00	Duchesne River at Myton, Utah	40 12 00	110 03 40	8,130	B 8	1899-1967	2,750	June 10, 1922	7.94	12,800	4.65
95	9-2955.00	Uinta River below Gilbert Creek near Neola, Utah	40 47 10	110 14 20	(9,950)	A 2	1950-55	33	June 13, 1953	4.88	971	29.4
96	9-2960.00	Uinta River above Clover Creek near Neola, Utah	40 37 50	110 09 30	10,960	A 2	1945-55	132	June 18, 1949	5.10	2,300	17.4
97	9-2965.00	Clover Creek near Neola, Utah	40 37 30	110 07 50	10,300	A 2	1950-55	9.5	May 27, 1951	2.68	120	12.6
98	9-2970.00	Uinta River near Neola, Utah	40 32 10	110 04 00	10,200	A 2	1929-67	160	June 11, 1965	7.00	5,000	31.2
99	9-2975.00	Uinta River near Whiterocks, Utah	40 31	110 03	(6,600)	A 2	1917-20	218	May 29, 1920	-	1,320	6.06
100	9-2980.00	Farm Creek near Whiterocks, Utah	40 34 10	109 57 40	9,720	A 2	1949-67	22	May 25, 1951	-	204	9.27
101	9-2985.00	Whiterocks River above Paradise Creek near Whiterocks, Utah	40 38 10	109 58 00	10,700	A 2	1945-55	90	June 18, 1949	3.42	1,780	19.8
102	9-2990.00	Paradise Creek near Whiterocks, Utah	40 37 00	109 56 20	(7,500)	A 2	1946-55	10	May 16, 1948	-	112	11.2
103	9-2995.00	Whiterocks River near Whiterocks, Utah	40 34 00	109 55 40	10,370	A 2	1918-28, 1930-67	115	June 20,21,1922	5.40	2,750	23.9
104	9-3000.00	Deep Creek near Lapoint, Utah	40 20 00	109 50 50	(5,150)	A 2	1942-45, 1949-55	75	Oct. 4, 1954	12.00	400	5.33
105	9-3005.00	Uinta River at Fort Duchesne, Utah	40 18 00	109 51 20	(5,000)	A 2	1899-1910, 1917-20, 1942-58	672	Between June 16 and 23, 1917	6.52	7,500	11.2
106	9-3010.00	Dry Gulch near Neola, Utah	40 27 50	110 09 40	9,240	A 2	1950-58	67	Apr. 29, 1952	4.63	381	5.69
107	9-3015.00	Uinta River at Ouray School (near Leland) Utah	40 14	109 48	(4,750)	A 2	1899-1904	967	May 19, 1901	4.55	3,450	3.57
108	9-3020.00	Duchesne River near Randlett, Utah	40 13 00	109 47 00	(4,758)	B 8	1942-67	3,920	June 13, 1965	8.33	10,300	2.63
109	9-3065.00	White River near Watson, Utah	39 59	109 11	(4,947)	C 14	1904-06, 18,23-67	4,020	July 15, 1929	-	8,160/	2.03
110	9-3070.00	Green River near Ouray, Utah	40 04 20	109 43 40	(4,637)	MS	1947-55, 1956-66	35,500	June 11, 1952	14.99	43,600	1.23
111	9-3075.00	Willow Creek above diversions near Ouray, Utah	39 34 20	109 35 10	7,650	C 13	1950-55, 1957-67	310	Aug. 6, 1963	-	668	2.15
112	9-3080.00	Willow Creek near Ouray, Utah2/	39 56 30	109 39 00	7,080	C 13	1947-55	890	Aug. 27, 1952	9.68	2,320	2.61
113	9-3085.00	Minnie Maud Creek near Myton, Utah	39 48	110 34	(7,190)	B 8	1950-55, 1957-67	30	Aug. 25, 1961	9.40	1,370	45.7
114	9-3090.00	Minnie Maud Creek at Nutter Ranch near Myton, Utah2/	39 48 45	110 15 00	7,880	B 8	1947-55	231	Aug. 25, 1955	8.8	1,370	5.93
115	9-3098.00	Gooseberry Creek near Fairview, Utah	39 40 30	111 18 00	(8,600)	B 7	1959-63, 1964-67	7.9	May 9, 1962	3.18	190	24.1
116	9-3100.00	Gooseberry Creek near Scofield, Utah	39 43	111 18	8,960	B 7	1930-31, 1940-67	16.4	May 30, 1952	-	414	25.2
117	9-3105.00	Price River above Scofield Reservoir near Scofield, Utah	39 46 30	111 10 45	8,710	B 7	1931-32, 1938-67	62	May 14, 1952	3.62	1,070	17.3
118	9-3115.00	Price River near Scofield, Utah	39 47 15	111 07 10	(7,570)	B 8	1917-21, 1925-31, 1938-67	155	May 31, June 1, 1952	-	1,060/	6.84
119	9-3117.00	Price River near Soldier Summit, Utah	39 49 40	111 00 30	(7,200)	B 8	1961-63	180	Aug. 4, 1963	2.79	351	1.95
120	9-3120.00	North Fork White River near Soldier Summit, Utah	39 56	111 04	(7,360)	B 8	1942-47	23.3	May 9, 1944	3.50	121	5.19
121	9-3125.00	White River near Soldier Summit, Utah	39 55 20	111 03 25	8,360	B 8	1938-67	53	May 5, 1952	4.53	1,120	21.1
122	9-3127.00	Beaver Creek near Soldier Summit, Utah	39 49 40	110 58 20	(7,200)	B 8	1960-67	26	May 6, 1962	-	68	2.62
123	9-3128.00	Willow Creek near Castle Gate, Utah	39 47	110 48	(7,000)	B 8	1962-67	62	Sept. 21, 1962	6.3	800	12.9
124	9-3130.00	Price River near Heiner, Utah	39 43 05	110 51 55	8,160	B 9	1934-67	415	Sept. 13, 1940	7.98	9,340	22.5
125	9-3135.00	Price River near Helper, Utah	39 39 05	110 51 25	(5,700)	B 9	1904-34	490	Sept. 8, 1919	10.0	12,000	24.5
126	9-3140.00	Price River near Wellington, Utah	39 30 40	110 40 50	(5,300)	B 9	1949-58	810	Aug. 28, 1953	10.22	4,190	5.17
127	9-3145.00	Price River at Woodside, Utah	39 15 50	110 20 45	6,490	B 9	1909-11, 1945-67	1,500	Sept. 10, 1961	9.74	8,500	5.67
128	9-3150.00	Green River at Green River, Utah	38 59 10	110 09 00	(4,040)	MS	1894-99, 1904-67	40,600	June 27, 1917	14.53	68,100	1.68
129	9-3155.00	Saleratus Wash at Green River, Utah	38 58 50	110 14 50	5,050	C 9	1948-67	180	Sept. 21, 1962	11.60	14,200	78.9

Table 1 — (Continued)

Number in figure 3	Station number	Gaging station	Latitude	Longitude	Mean altitude of drainage basin (feet)	Flood region and hydrologic area	Period of record	Drainage area (sq mi)	Maximum gage height and discharge			
									Date	Gage height (feet)	Discharge	
											Cfs	Cfs per sq mi
		COLORADO RIVER BASIN — (Continued)										
130	9-3160.00	Browns Wash near Green River, Utah	38 59 10	110 07 45	5,220	C 9	1949-67	75	Aug. 19, 1959	13.5	5,620	74.9
131	9-3170.00	Boulger Creek near Fairview, Utah	39 38	111 16	(8,900)	B 7	1939-41, 1942-49	1.9	May 18, 1948	2.42	85	44.7
132	9-3180.00	Huntington Creek near Huntington, Utah	39 22 20	111 03 45	9,000	B 7	1909-67	190	Aug.2 or 3,1930	7.5	2,500	13.2
133	9-3185.00	Huntington Creek near Castle Dale, Utah	39 13	110 55	-	B 7	1911-12, 1913-17	325	Sept. 8, 1913	11.3	1,750[6]	5.38
134	9-3195.00	Beck Creek near Ephriam, Utah	39 19	111 25	(9,400)	B 7	1931-32	5	May 17, 1931	1.26	125	25.0
135	9-3240.00	Seely Creek near Orangeville, Utah	39 17	111 16	(6,800)	B 7	1953-57	150	Aug. 26, 1957	4.62	2,110	14.1
136	9-3245.00	Cottonwood Creek near Orangeville, Utah	39 16 00	111 07 45	8,860	B 7	1909-27, 1932-67	205	Aug. 1, 1964	9.05	7,220	35.2
137	9-3250.00	Cottonwood Creek near Castle Dale, Utah	39 10	110 56	(5,400)	B 7	1947-58	261	June 3, 1952	8.00	1,660	6.36
138	9-3251.00	San Rafael River above Ferron Creek near Castle Dale, Utah	39 09 00	110 54 30	(5,400)	B 7	1964-67	680	June 25, 1965	6.25	1,670	2.46
139	9-3265.00	Ferron Creek (upper station) near Ferron, Utah	39 05 55	111 11 05	8,800	B 7	1911-23, 1947-67	145	Aug. 27, 1952	9.71	4,180	28.8
140	9-3270.00	Ferron Creek near Ferron, Utah	39 06	111 11	(6,050)	B 7	1909-11	159	Sept. 1, 1909	12.0	3,000	18.9
141	9-3275.00	Ferron Creek near Castle Dale, Utah	39 06 20	111 01 25	(5,550)	B 7	1947-58	210	Aug. 3, 1951	6.52	1,630	7.76
142	9-3280.00	San Rafael River near Castle Dale, Utah	39 08 40	110 54 15	(5,320)	C 9	1947-64	927	June 3, 1952	7.56	4,510	4.87
143	9-3285.00	San Rafael River near Green River, Utah	38 52 20	110 22 20	(4,200)	C 9	1909-20, 1945-67	1,670	Sept. 2, 1909	12.7	12,000	7.19
		Dirty Devil River basin										
144	9-3290.00	Fremont River below Fish Lake near Fremont, Utah	38 35 30	111 40 30	(8,700)	C 7	1939-45	27	June 29, 1941	-	90	3.33
145	9-3290.50	Seven Mile Creek near Fish Lake, Utah	38 37 40	111 39 00	(9,200)	C 7	1964-67	25	June 5, 1965	3.45	206	8.24
146	9-3295.00	Fremont River near Fremont, Utah	38 29	111 35	(7,480)	C 7	1949-58	205	July 29, 1953	2.75	262	1.28
147	9-3299.00	Pine Creek near Bicknell, Utah	38 16 10	111 35 00	(7,100)	C 7	1964-67	100	July 31, 1965	3.02	259	2.59
148	9-3300.00	Fremont River near Bicknell, Utah	38 18	111 31	(6,900)	C 7	1909-12, 1937-58	776	Apr. 5, 1942	5.8	1,200	1.55
149	9-3305.00	Muddy Creek near Emery, Utah	38 59 40	111 14 40	8,850	C 7	1909-14, 1949-67	105	May 10, 1952	11.14	3,340	31.8
150	9-3310.00	Muddy Creek (lower station) near Emery, Utah	38 57	111 12	-	C 7	1911-14	114	Aug. 21, 1911	3.5	262	2.30
151	9-3315.00	Ivie Creek above diversions near Emery, Utah[2]	38 45 30	111 25 15	8,870	C 8	1950-60	50	Aug. 16, 1955	4.00	700	14.0
152	9-3325.00	Muddy Creek below Ivie Creek near Emery, Utah[2]	38 46	111 08	7,580	C 8	1950-60	440	Aug. 3, 1951	9.63	2,890	6.57
153	9-3330.00	Dirty Devil River near Hanksville, Utah	38 24	110 41	-	C 9	1945-48	3,490	Aug. 22, 1947	-	5,000[3]	1.43
154	9-3335.00	Dirty Devil River near Hite, Utah	38 05 50	110 24 25	6,600	C 9	1948-67	4,360	Nov. 4, 1957	28.1	35,000	8.03
		North Wash basin										
155	9-3340.00	North Wash near Hite, Utah	37 53 55	110 26 55	5,400	C 9	1950-67	136	Aug. 7, 1952	9.24	8,900	65.4
		White Canyon basin										
156	9-3345.00	White Canyon near Hite, Utah	37 47 55	110 22 35	6,090	C 9	1950-67	276	July 31, 1953	7.54	7,390	26.8
		Colorado River main stem										
157	9-3350.00	Colorado River at Hite, Utah	37 48 30	110 26 55	(3,440)	MS	1947-58	76,600	June 12, 1957	-	105,600	1.38
		Escalante River basin										
158	9-3355.00	North Creek near Escalante, Utah	37 46	111 41	8,240	C 8	1950-55	90	Aug. 21, 1952	4.26	3,610	40.1
159	9-3360.00	Birch Creek near Escalante, Utah[2]	37 45 45	111 44 15	8,080	C 8	1950-51	36	July 31, 1951	3.20	249	6.92
160	9-3365.00	Birch Creek at mouth near Escalante, Utah	37 46	111 41	(6,090)	C 8	1951-55	100	July 12, 1965	5.06	1,010	10.1
161	9-3370.00	Pine Creek near Escalante, Utah	37 51 45	111 38 15	8,890	C 8	1950-55, 1957-67	78	Aug. 2, 1967	7.72	1,010	12.9
162	9-3375.00	Escalante River near Escalante, Utah	37 46	111 34	8,030	C 8	1909-13, 1942-55	310	Aug. 1953	9.9	3,450	11.1
163	9-3380.00	East Fork Boulder Creek near Boulder, Utah	38 02 30	111 27 00	10,500	C 8	1950-55, 1957-67	21.4	May 20, 1964	3.30	483	22.6
164	9-3385.00	East Fork Deer Creek near Boulder, Utah[2]	38 00 05	111 23 20	9,290	C 8	1950-55	1.9	Aug. 6, 1955	2.76	350	184
165	9-3390.00	Boulder Creek near Boulder, Utah	37 48	111 23	8,320	C 8	1950-55	175	July 25, 1955	10.24	4,650	26.6
166	9-3395.00	Escalante River at mouth near Escalante, Utah	37 19	110 54	6,330	C 9	1950-55	1,770	Aug. 4, 1951	11.43	14,600	8.25
		San Juan River basin										
167	9-3720.00	McElmo Creek near Colorado-Utah State line	37 19 27	109 00 54	6,330	C 11	1951-67	350	Aug. 29, 1951 July 27, 1957	7.05	1,700	4.86
168	9-3725.00	North Fork Montezuma Creek at Monticello, Utah	37 52	109 22	-	C 11	1914-15	10.5	May 18, 1915	3.20	54	5.14
169	9-3750.00	South Fork North Montezuma Creek at Monticello, Utah	37 51	109 21	-	C 11	1914-15	15	Apr. 30, 1915	3.0	170	11.3
170	9-3769.00	Spring Creek above diversions near Monticello, Utah	37 55 10	109 26 05	(7,720)	C 11	1965-67	4.95	May 10, 1966	1.72	14	2.83
171	9-3770.00	Spring (Vaga) Creek near Monticello, Utah	37 55	109 26	-	C 11	1914-16	8.5	July 26, 1914	-	33[3]	3.88
172	9-3786.30	Recapture Creek near Blanding, Utah	37 45 20	109 28 35	(7,200)	C 11	1965-67	3.77	Dec. 6, 1966	1.40	18	4.77
173	9-3787.00	Cottonwood Wash near Blanding, Utah	37 33 40	109 34 40	6,820	C 11	1964-67	205	Aug. 30, 1965	7.56	4,600	22.4
174	9-3790.00	Comb Wash near Bluff, Utah	37 16	109 40	5,890	C 11	1959-67	280	Aug. 4, 1959	3.32	2,840	10.1
175	9-3795.00	San Juan River near Bluff, Utah	37 08 50	109 51 50	(4,048)	MS	1914-17, 1927-67	23,000	Sept. 10, 1927	32.0	70,000[8]	3.04
		Colorado River main stem										
176	9-3800.00	Colorado River at Lees Ferry, Arizona	36 51 55	111 35 15	(3,106)	MS	1921-67	107,900	July 7, 1884	31.5	300,000[9]	2.78
									June 18, 1921	26.5	220,000	2.04
		Paria River basin										
177	9-3810.00	Henrieville Creek near Henrieville, Utah	37 34 15	111 58 15	(6,100)	C 9	1950-55	29	July 31, 1953	6.22	3,360	116
178	9-3815.00	Paria River near Cannonville, Utah[2]	37 30	112 02	6,890	C 9	1950-55	220	Aug. 16, 1955	9.76	5,160	23.5
179	9-3820.00	Paria River at Lees Ferry, Arizona	36 52 20	111 35 40	6,140	C 9	1923-67	1,410	Oct. 5, 1925	-	16,100	11.4
		Virgin River basin										
180	9-4044.50	East Fork Virgin River near Glendale, Utah	37 20 20	112 36 10	(5,300)	C 15	1966-67	74	Dec. 6, 1966	3.40	450[5]	6.08
181	9-4053.00	Crystal Creek near Cedar City, Utah	37 31 20	113 01 25	(8,320)	C 15	1956-60	10.2	Aug. 19, 1959	5.23	1,300	127
182	9-4055.00	North Fork Virgin River near Springdale, Utah	37 12 35	112 58 40	7,560	C 15	1925-67	350	Dec. 6, 1966	12.98	9,150	26.1
183	9-4060.00	Virgin River at Virgin, Utah	37 11 55	113 12 25	(3,440)	C 15	1909-67	934	Dec. 6, 1966	18.00	22,800	24.4
184	9-4063.00	Kanarra Creek at Kanarraville, Utah	37 32 20	113 10 15	(5,660)	C 15	1959-67	10.0	Aug. 1, 1963	3.28	555	55.5
185	9-4065.00	Ash Creek near New Harmony, Utah	37 25	113 12	(4,450)	C 15	1939-47	146	Sept. 28, 1940	4.25	1,500	10.3
186	9-4067.00	South Ash Creek below Mill Creek near Pintura, Utah	37 21 50	113 20 00	6,690	C 15	1966-67	11.0	Dec. 6, 1966	5.83	1,910[5]	174
187	9-4075.00	Ash Creek at Toquerville, Utah	37 15	113 17	-	C 15	1915	213	May 6, 1915	2.10	710	3.33
188	9-4076.00	Ash Creek near Toquerville, Utah	37 14	113 17	(3,180)	C 15	1956-58	213	Apr. 2, 1958	5.70	1,270	5.96
189	9-4078.00	Ash Creek near LaVerkin, Utah	37 12	113 17	(3,020)	C 15	1956-58	213	Apr. 2, 1958	5.56	1,320	6.20
190	9-4080.00	Leeds Creek near Leeds, Utah	37 15 55	113 22 05	(4,000)	C 15	1915-20, 1964-67	15.5	Aug. 12, 1964	6.00	2,980	192
191	9-4084.00	Santa Clara River near Pine Valley, Utah	37 23 00	113 28 55	(6,700)	C 15	1959-67	18.7	Dec. 6, 1966	6.85	776[5]	41.5
192	9-4090.00	Santa Clara River near Central, Utah	37 24	113 37	(5,170)	C 15	1909-30, 1938-61	97	Oct. 6, 1916	5.0	1,450	14.9
193	9-4095.00	Moody Wash near Veyo, Utah	37 26 00	113 44 30	(4,800)	C 15	1954-67	33	Dec. 6, 1966	9.75	1,810[5]	54.8
									Sept. 17, 1961	8.60	1,400	42.4

Table 1 — (Continued)

Number in fig 3	Station number	Gaging station	Latitude	Longitude	Mean altitude of drainage basin (feet)	Flood region and hydrologic area	Period of record	Drainage area (sq mi)	Maximum gage height and discharge			
									Date	Gage height (feet)	Discharge	
											CFs	CFs per sq mi
		COLORADO RIVER BASIN — (Continued)										
194	9-4100.00	Santa Clara River above Winsor Dam near Santa Clara, Utah	37 13	113 47	(3,340)	C 15	1942-67	338	Dec. 6, 1966	10.88	5,930[5]	17.5
									Aug. 24, 1955	10.25	6,190	18.3
195	9-4104.00	Santa Clara River near Santa Clara, Utah	37 03 20	113 41 30	(2,850)	C 15	1965-67	410	Dec. 7, 1966	12.60	6,390[5]	15.6
									Aug. 15, 1965	4.53	486	1.19
196	9-4125.00	Santa Clara River near St. George, Utah	37 06 30	113 37 30	-	C 15	1909-13	502	Jan. 1, 1910	-	Not determined	-
197	9-4130.00	Santa Clara River at St. George, Utah	37 04 30	113 35 15	(2,750)	C 15	1950-56	540	Aug. 24, 1955	10.02	4,200	7.78
198	9-4135.00	Virgin River near St. George, Utah	37 01	113 40	-	C 15	1950-56	3,820	Aug. 25, 1955	12.70	13,800	3.61
199	9-4150.00	Virgin River at Littlefield, Arizona	36 53	113 56	(1,764)	C 15	1929-67	5,090	Dec. 6, 1966	15.66	35,200	6.92
		THE GREAT BASIN										
		Bear River basin										
1	10-0112.00	West Fork Bear River at Whitney Dam near Oakley, Utah	40 50 30	110 55 20	(9,120)	A 1	1963-67	7.5	June 13, 1965	1.95	145	19.3
2	10-0115.00	Bear River near Utah-Wyoming State line	40 58	110 51	9,770	A 1	1942-67	176	June 12, 1965	3.82	2,860	16.2
3	10-0120.00	Mill Creek at Utah-Wyoming State line	40 59 30	110 50 30	9,320	A 1	1949-62	59	June 7, 1957	4.39	690	11.7
4	10-0125.00	Mill Creek near Evanston, Wyoming	41 00	110 52	(7,750)	A 1	1942-48	60.6	May 19, 1948	3.64	623	10.3
5	10-0140.00	Bear River above Sulphur Creek near Evanston, Wyo.	41 08	110 53	(7,130)	A 1	1946-56	282	June 14, 1953	5.73	2,970	10.5
6	10-0157.00	Sulphur Creek above reservoir near Evanston, Wyo.	41 09	110 48	(7,170)	A 1	1957-67	64	April 21, 1965	6.02	1,220	19.1
7	10-0159.00	Sulphur Creek below reservoir near Evanston, Wyo.	41 09	110 49	(7,110)	A 1	1958-67	68	June 11, 1965	4.96	343	5.04
8	10-0160.00	Sulphur Creek near Evanston, Wyoming	41 10	110 52	7,930	A 1	1942-59	80.5	April 23, 1952	-	1,220	15.2
9	10-0165.00	Bear River at Millis near Evanston, Wyoming	41 14 15	110 55 10	(6,850)	A 1	1942-46	420	June 2, 1943	4.85	2,000	4.76
10	10-0170.00	Yellow Creek near Evanston, Wyoming	41 09	111 03	(6,920)	A 1	1944-55, 1949-67	80	April 28, 1952	7.04	477	5.96
11	10-0190.00	Bear River near Evanston, Wyoming	41 19	111 01	8,130	A 1	1913-56	715	June 14, 1921	6.35	3,690	5.16
12	10-0201.00	Bear River above reservoir near Woodruff, Utah	41 26 05	111 01 00	(6,455)	A 1	1961-67	780	June 13,14,1965	5.89	3,340	4.28
13	10-0203.00	Bear River below reservoir near Woodruff, Utah	41 30 20	111 00 50	(6,400)	A 1	1961-67	810	June 14, 1965	7.88	3,000	3.70
14	10-0205.00	Bear River near Woodruff, Utah	41 31 25	111 01 00	7,930	A 1	1941-61	870	April 28, 1952	5.32	3,010	3.46
15	10-0210.00	Woodruff Creek near Woodruff, Utah	41 29	111 16	7,900	A 1	1937-43, 1949-67	65	May 25, 1950	5.72	528	8.12
16	10-0215.00	Birch Creek near Woodruff, Utah	41 30 00	111 17 30	(6,670)	A 1	1949-56	17	May 22, 1950	3.73	172	10.1
17	10-0230.00	Big Creek near Randolph, Utah	41 37	111 15	7,370	A 1	1939-44, 1949-67	52.2	July 11, 1957	3.75	337	6.46
18	10-0240.00	Randolph Creek near Randolph, Utah	41 40 30	111 14 00	(6,370)	A 1	1949-56	30.3	March 24, 1956	-	65	2.15
19	10-0250.00	Otter Creek near Randolph, Utah	41 43	111 12	(6,350)	A 1	1939-44	36.2	July 21, 1943	4.52	203	5.61
20	10-0265.00	Bear River near Randolph, Utah	41 48	111 06	7,470	A 1	1943-67	1,640	May 8, 1952	8.80	2,660	1.62
21	10-0268.00	Rock Creek near Fossil, Wyoming	41 49 30	110 49 40	(6,520)	A 1	1961-67	49.0	April 13, 1962	2.74	66	1.35
22	10-0270.00	Twin Creek at Sage, Wyoming	41 49	110 58	7,180	A 1	1943-60	246	March 18, 1947	6.08	649	2.64
23	10-0285.00	Bear River below Pixley Dam near Cokeville, Wyo.	41 56 20	110 59 05	(6,185)	A 1	1941-43, 1952-56, 1958-67	2,040	March 25, 1956	-	2,300[3]	1.13
24	10-0295.00	Bear River above Sublette Creek near Cokeville, Wyoming	42 02 20	110 57 05	(6,165)	A 1	1948-55	2,110	May 10, 1952	9.90	2,620	1.24
25	10-0320.00	Smiths Fork near Border, Wyoming	42 17	110 52	8,270	A 1	1942-67	165	June 7, 1957	4.56	1,500	9.09
26	10-0905.00	Bear River near Preston, Idaho	42 10	111 51	(4,540)	MS	1889-1917, 1943-67	4,500	June 9,10,1907	-	8,500	1.89
27	10-0990.00	High Creek near Richmond, Utah	41 59	111 45	(5,250)	A 2	1944-52	16.2	May 24, 1950	2.31	250	15.4
28	10-1022.50	Bear River near Smithfield, Utah	41 50 24	111 52 51	(4,405)	MS	1964-67	4,830	Dec. 26, 1964	12.36	2,960	.61
29	10-1023.00	Summit Creek above diversions near Smithfield, Utah	41 52 10	111 45 30	(5,420)	A 2	1961-67	11.6	June 7, 1964	2.50	230	19.8
30	10-1046.00	South Fork Little Bear River near Avon, Utah	41 30 01	111 48 57	(5,090)	A 2	1966-67	-	July 2, 1966	1.07	14	-
31	10-1047.00	Little Bear River below Davenport Creek near Avon, Utah	41 30 45	111 48 40	(5,020)	A 2	1960-67	62.1	Feb. 10, 1962	3.62	900	14.5
32	10-1049.00	East Fork Little Bear River above reservoir near Avon, Utah	41 31 10	111 43 35	(5,240)	A 2	1963-67	58	April 20, 1965	3.22	496	8.55
33	10-1050.00	East Fork Little Bear River near Avon, Utah	41 31	111 45	7,370	A 2	1938-50	49.7	April 18, 1946	5.30	960	19.3
34	10-1055.00	East Fork Little Bear River below Pole Creek near Avon, Utah	41 31 20	111 46 20	(5,120)	A 2	1927-30	67	April 27, 1927	-	800	11.9
35	10-1060.00	Little Bear River near Paradise, Utah	41 35 25	111 51 10	6,670	A 2	1937-67	203	Feb. 11, 1962	6.52	2,000	9.85
36	10-1075.00	Little Bear River near Hyrum, Utah	41 38 00	111 53 00	(4,520)	A 2	1938-67	222	April 30, 1952	4.54	986	4.44
37	10-1076.00	Little Bear River at Wellsville, Utah	41 38 51	111 55 22	(4,465)	A 2	1966-67	245	Aug. 18, 1966	1.28	35	.14
38	10-1090.00	Logan River above State dam near Logan, Utah	41 44 40	111 47 00	7,460	A 2	1896-1967	218	May 24, 1907	-	2,480	11.4
39	10-1105.00	Blacksmith Fork below Mill Creek near Hyrum, Utah	41 35 40	111 30 00	(5,545)	A 2	1965-67	83	March 31, 1966	1.45	160	1.93
40	10-1120.00	Blacksmith Fork at Hardware Ranch near Hyrum, Utah	41 37	111 37	(5,340)	A 2	1943-50	130	April 18, 1946	4.08	488	3.75
41	10-1135.00	Blacksmith Fork above Utah Power & Light Company's dam near Hyrum, Utah	41 37 20	111 44 25	7,150	A 2	1913-67	260	May 15, 1917	6.5	1,620	6.23
42	10-1145.00	Blacksmith Fork below Utah Power & Light Company's plant near Hyrum, Utah	41 37 40	111 48 00	(4,740)	A 2	1900-02, 1904-10, 1914-16	286	April 16, 1907	-	1,900	6.64
43	10-1152.00	Logan River below Blacksmith Fork near Logan, Utah	41 43 15	111 53 08	(4,424)	A 2	1964-67	524	June 7, 1964, May 2, 1965	4.45	1,280	2.44
44	10-1155.00	Clarkston Creek near Newton, Utah	41 54	111 58	(4,700)	A 2	1939-47	43	Dec. 29-31,1945	-	282	6.56
45	10-1180.00	Bear River near Collinston, Utah	41 50	112 03	(4,276)	MS	1889-1967	6,000	June 7-10,1909	7.70	11,600	1.93
46	10-1255.00	Malad River at Woodruff, Idaho	42 02	112 14	5,650	A 2	1938-67	485	Feb. 12, 1962	8.93	2,530	5.22
47	10-1256.00	Malad River near Plymouth, Utah	41 50 19	112 08 49	(4,307)	A 2	1964-67	632	April 6, 1964	8.25	598	.95
48	10-1258.00	Malad River below Bear River Duck Club Canal near Bear River City, Utah	41 39 13	112 09 43	(4,252)	A 2	1964-67	698	April 6, 1964	-	600[3]	.86
49	10-1260.00	Bear River near Corinne, Utah	41 34 35	112 06 00	(4,205)	MS	1949-57, 1963-67	6,800	May 3, 1952	14.69	7,200	1.06
50	10-1264.00	Box Elder Creek at Mantua, Utah	41 28 53	111 56 49	(5,230)	A 2	1959-63	14	April 18, 1962	3.15	290	20.7
51	10-1265.00	Box Elder Creek near Brigham City, Utah	41 30	111 59	(4,700)	A 2	1919-21	30	April 21, 1921	4.80	120	4.0
52	10-1270.00	Box Elder Creek at Brigham City, Utah	41 31 15	112 01 10	(4,320)	A 2	1909-12	35	Feb. 1, 1911	4.9	159	4.54
		Weber River basin										
53	10-1282.00	South Fork Weber River near Oakley, Utah	40 44 50	111 13 10	(6,800)	A 2	1964-67	16	June 13, 1965	2.73	259	16.2
54	10-1285.00	Weber River near Oakley, Utah	40 44 10	111 14 45	9,090	A 2	1904-67	163	June 13, 1921	9.0	4,170	25.6
55	10-1293.00	Weber River near Peoa, Utah	40 45 10	111 22 20	(6,050)	A 2	1957-67	285	June 13, 1965	4.73	2,160	7.58
56	10-1293.50	Crandall Creek near Peoa, Utah	40 46 40	111 21 35	(6,220)	A 2	1963-67	12	May 1, 1965	3.13	129	10.8

Table 1 — (Continued)

Number on figure 4	Station number	Gaging station	Latitude	Longitude	Mean Altitude of drainage basin (feet)	Flood region and hydro-logic area	Period of record	Drainage area (sq mi)	Maximum gage height and discharge: Date	Gage height (feet)	Discharge: Cfs	Discharge: Cfs per sq mi
		THE GREAT BASIN — (Continued)										
57	10-1295.00	Weber River near Wanship, Utah	40 47 30	111 24 15	(5,900)	MS	1950-55, 1957-60	320	May 30, 1951	4.73	2,340	7.31
58	10-1300.00	Silver Creek near Wanship, Utah	40 45 25	111 28 15	7,100	A 2	1941-46	25.8	April 4, 1942	4.28	430	16.7
59	10-1305.00	Weber River near Coalville, Utah	40 53 40	111 24 00	(5,600)	MS	1927-67	438	May 6, 1952	-	2,190	5.00
60	10-1307.00	East Fork Chalk Creek near Coalville, Utah	40 57 30	111 06 50	(6,703)	A 2	1964-67	35	June 7, 1965	3.08	275	7.86
61	10-1310.00	Chalk Creek at Coalville, Utah	40 55 10	111 24 00	7,540	A 2	1927-67	253	April 28, 1952	4.67	1,540	6.09
62	10-1320.00	Weber River at Echo, Utah	40 57 55	111 26 10	(5,440)	MS	1927-60	732	May 13, 1952	7.34	3,060	4.18
63	10-1325.00	Lost Creek near Croydon, Utah	41 10 50	111 24 00	7,320	A 2	1921-23, 1941-67	120	May 10, 11, 18, 1923	4.20	770	6.42
64	10-1330.00	Lost Creek at Devils Slide, Utah	40 03 40	111 32 00	-	A 2	1905, 1921-33	228	May 11, 1923	4.39	1,390	6.10
65	10-1335.00	Weber River at Devils Slide, Utah	41 03 40	111 34 25	(5,300)	MS	1905-55	1,100	May 22, 1920	8.0	6,000	5.45
66	10-1337.00	Threemile Creek near Park City, Utah	40 43 33	111 33 45	(6,490)	A 2	1963-67	2.68	May 3, 1965	.77	9.7	3.62
67	10-1345.00	East Canyon Creek near Morgan, Utah	40 55 20	111 36 20	(5,460)	A 2	1931-67	155	May 4, 1952	3.49	872	5.63
68	10-1350.00	Hardscrabble Creek near Porterville, Utah	40 57 10	111 43 00	7,220	A 2	1941-67	28.1	Aug. 20, 1945	3.60	464	16.5
69	10-1360.00	Weber River near Morgan, Utah	41 03 50	111 43 40	(4,970)	MS	1950-55	1,500	May 5,6, 1952	-	6,000[3]	4.0
70	10-1365.00	Weber River at Gateway, Utah	41 08 15	111 49 55	(4,800)	MS	1889-1901, 1919-67	1,610	May 31, 1896	-	7,980	4.96
71	10-1370.00	Weber River at Ogden, Utah	41 13 40	111 59 15	(4,270)	MS	1950-58	1,670	May 6, 1952	10.89	7,070	4.23
72	10-1373.00	South Fork Ogden River below Causey Dam near Huntsville, Utah	41 17 46	111 35 23	(5,492)	A 2	1966-67	81	May 11, 1966	-	350[3]	4.32
73	10-1375.00	South Fork Ogden River near Huntsville, Utah	41 16 05	111 40 25	7,960	A 2	1921-67	148	May 3, 1952	5.98	1,890	12.8
74	10-1376.00	South Fork Ogden River at Huntsville, Utah	41 14 50	111 45 45	(4,913)	A 2	1959-65	170	May 17, 1964	-	1,090	6.41
75	10-1376.80	North Fork Ogden River near Eden, Utah	41 23 20	111 54 50	(5,750)	A 2	1963-67	6.03	May 10, 1966	2.58	126	20.9
76	10-1377.00	North Fork Ogden River near Huntsville, Utah	41 17 40	111 49 40	(4,904)	A 2	1959-65	61	Dec. 24, 1964	5.44	693	11.4
77	10-1377.80	Middle Fork Ogden River above diversion near Huntsville, Utah	41 18 00	111 44 00	(5,400)	A 2	1963-67	31.3	May 1, 1965	3.30	492	15.7
78	10-1378.00	Middle Fork Ogden River at Huntsville, Utah	41 17 15	111 46 35	(4,915)	A 2	1958-65	32	April 30, 1965	2.53	623	19.5
79	10-1379.00	Spring Creek at Huntsville, Utah	41 15 55	111 45 55	(4,903)	A 2	1958-65	7.2	Feb. 1, 1963	3.04	179	24.9
80	10-1393.00	Wheeler Creek near Huntsville, Utah	41 15 15	111 50 35	(4,800)	A 2	1958-67	11.1	Dec. 24, 1964	3.58	400[5]	36.0
81	10-1395.00	Ogden River near Ogden, Utah	41 15 15	111 50 40	(4,803)	A 2	1904-12, 1932-59	321	April 24, 1936	11.48	3,700	11.5
82	10-1400.00	Ogden River below Pine View Dam near Ogden, Utah	41 15 15	111 50 40	(4,803)	A 2	1937-59	321	May 3, 1952	7.76	3,190	9.94
83	10-1410.00	Weber River near Plain City, Utah	41 16 42	112 05 30	(4,210)	MS	1904-67	2,060	May 6, 1952	19.01	10,100	4.90
		Tributaries between Weber and Jordan Rivers										
84	10-1415.00	Holmes Creek near Kaysville, Utah	41 03 18	111 53 40	7,580	A 2	1950-66	2.49	May 3, 1952	1.13	36	14.5
85	10-1420.00	Farmington Creek above diversions near Farmington, Utah	41 00 05	111 52 25	7,470	A 2	1949-67	10.0	May 20, 1964	2.03	298	29.8
86	10-1425.00	Ricks Creek above diversions near Centerville, Utah	40 56 25	111 52 00	(4,860)	A 2	1950-66	2.35	May 22, 1964	1.08	51	21.7
87	10-1430.00	Parrish Creek above diversions near Centerville, Utah	40 55 25	111 51 50	(4,600)	A 2	1949-67	2.08	May 5, 1952	-	30	14.4
88	10-1435.00	Centerville Creek above diversions near Centerville, Utah	40 55 00	111 51 45	(4,680)	A 2	1949-67	3.15	May 6, 7, 1952	-	30[3]	9.52
89	10-1440.00	Stone Creek above diversions near Bountiful, Utah	40 53 40	111 50 40	7,050	A 2	1950-66	4.48	May 5, 1952	2.79	82	18.3
90	10-1445.00	Mill Creek near Bountiful, Utah	40 52	111 50	(5,300)	A 2	1913-14	-	Apr.16,17,1914	3.0	55	-
91	10-1450.00	Mill Creek at Mueller Park near Bountiful, Utah	40 51 50	111 50 10	(5,240)	A 2	1950-67	8.79	April 28, 1952	-	140[3]	15.9
		Jordan River basin										
92	10-1455.00	Salt Creek near Nephi, Utah	39 42 40	111 46 40	7,330	B 3	1925-37	95	July 17, 1932	5.0	800	8.42
93	10-1460.00	Salt Creek at Nephi, Utah	39 42 45	111 48 25	7,330	B 3	1950-67	95.6	May 2, 1952	6.04	724	7.57
94	10-1465.00	Currant Creek near Goshen, Utah	39 53 05	111 53 05	(4,850)	B 3	1953-60	303	May 13,14,1959	1.65	78	.26
95	10-1470.00	Summit Creek near Santaquin, Utah	39 55 20	111 45 10	(5,900)	B 3	1910-16, 1954-66	14.6	June 3, 1957	-	215	14.7
96	10-1475.00	Payson Creek above diversions near Payson, Utah	39 58 10	111 41 35	7,610	B 3	1947-62	18.8	May 4, 1952	2.99	465	24.7
97	10-1480.00	Payson Creek near Payson, Utah	40 00	111 42	(5,060)	B 3	1910-16	28	May 10, 1914	4.02	200	7.14
98	10-1482.00	Tie Fork near Soldier Summit, Utah	39 57 00	111 13 00	(6,120)	B 3	1963-67	22.7	May 3, 1965	-	30	1.32
99	10-1484.00	Nebo Creek near Thistle, Utah	39 52 20	111 34 10	(5,720)	B 3	1963-67	36.7	About May 16, 1964	2.60	164	4.47
100	10-1485.00	Spanish Fork at Thistle, Utah	40 00	111 30	7,130	B 3	1908-25, 1932-67	490	May 4, 1952	7.96	1,800	3.67
101	10-1495.00	Diamond Fork below Red Hollow near Thistle, Utah	40 04 40	111 24 00	(5,300)	B 3	1953-67	110	July 13, 1954	4.71	1,020	9.27
102	10-1500.00	Diamond Fork near Thistle, Utah	40 03 50	111 26 30	(5,140)	B 3	1908-17, 1940-55	146	May 4, 1952	5.18	1,610	11.0
103	10-1505.00	Spanish Fork at Castilla, Utah	40 04 00	111 32 50	(4,870)	B 3	1889-90, 1903-17, 1919-25, 1933-67	670	May 3, 1952	9.83	3,610	5.39
104	10-1515.00	Spanish Fork near Spanish Fork, Utah	40 04	111 34	-	B 3	1909-17	670	May 11, 1909	5.6	1,550	2.31
105	10-1520.00	Spanish Fork near Lake Shore, Utah	40 09 30	111 43 50	(4,500)	B 3	1903-07, 1909-25, 1938-67	700	April 28, 1952	-	3,020	4.31
106	10-1522.00	Maple Creek near Mapleton, Utah	40 08 00	111 30 20	(5,900)	B 3	1964-67	2.9	May 17, 1965	1.33	42	14.5
107	10-1525.00	Hobble Creek near Springville, Utah	40 09 30	111 31 30	7,110	B 3	1904-16, 1945-67	105	May 4, 1952	7.83	1,250	11.9
108	10-1530.00	Maple Creek near Springville, Utah	40 07 50	111 32 35	(5,120)	B 3	1911-13	10.8	June 4,5, 1912, May 11,12,13, 1913	1.00	17	1.57
109	10-1535.00	Provo River near Kamas, Utah	40 35 00	111 00 30	9,710	A 2	1949-67	29.6	June 6, 1957	3.66	825	27.9
110	10-1538.00	North Fork Provo River near Kamas, Utah	40 36 00	111 05 50	(7,480)	A 2	1963-67	25	June 7, 1965	2.83	408	16.3
111	10-1540.00	Shingle Creek near Kamas, Utah	40 36 45	111 07 00	(7,700)	A 2	1963-67	8.4	June 12, 1965	3.31	188	22.4
112	10-1542.00	Provo River near Woodland, Utah	40 33 20	111 10 05	(6,950)	A 2	1963-67	170	May 24, 1964	5.04	2,270	13.4
113	10-1550.00	Provo River near Hailstone, Utah	40 36	111 22	8,600	A 2	1949-67	233	June 4, 1957	7.28	3,880	16.7
114	10-1555.00	Provo River near Charleston, Utah	40 29	111 28	(5,460)	A 2	1938-50	-	June 2, 1950	4.27	1,740	-
115	10-1560.00	Snake Creek near Charleston, Utah	40 29	111 28	(5,460)	A 2	1938-50	38.6	June 4, 1943	3.06	126	3.26
116	10-1585.00	Round Valley Creek near Wallsburg, Utah	40 24 30	111 28 30	(5,480)	A 2	1938-50	71.9	March 16, 1939	2.55	201	2.80
117	10-1595.00	Provo River below Deer Creek Dam, Utah	40 24 10	111 31 45	(5,270)	MS	1953-67	560	June 26, 1957	6.74	2,190	3.91
118	10-1600.00	Deer Creek near Wildwood, Utah	40 24 30	111 32 00	7,450	A 2	1938-50	26	May 3, 1945	1.50	99	3.81
119	10-1605.00	Provo River near Wildwood, Utah	40 24	111 32	(5,262)	MS	1938-49	585	May 27, June 12, 1949	4.65	1,440	2.46
120	10-1608.00	North Fork Provo River at Wildwood, Utah	40 22 15	111 34 00	(5,420)	A 2	1964-67	12.3	May 10, 1966	1.94	225	18.3
121	10-1610.00	Provo River at Vivian Park, Utah	40 21 40	111 33 45	(5,200)	MS	1911-63	600	June 11, 1921	-	3,180	5.30

Table 1 — (Continued)

Number in figure 1	Station number	Gaging station	Latitude	Longitude	Mean altitude of drainage basin (feet)	Flood region and hydrologic area	Period of record	Drainage area (sq mi)	Maximum gage height and discharge			
									Date	Gage height (feet)	Discharge	
											Cfs	Cfs per sq mi
		THE GREAT BASIN — (Continued)										
122	10-1615.00	South Fork Provo River at Vivian Park, Utah	40 21 10	111 34 10	(5,240)	A 2	1911-62	30	May 27, 1922	-	123	4.10
123	10-1620.00	Provo River above Telluride Power Company's dam near Provo, Utah	40 21 10	111 34 50	(5,180)	MS	1905-11	640	June 7, 1909	8.5	3,620	5.66
124	10-1625.00	Provo River at mouth of canyon near Provo, Utah	40 18 55	111 39 10	(4,820)	MS	1889-99, 1900-01, 1903-06	640	May 31, 1896	8.50	4,150	6.48
125	10-1630.00	Provo River at Provo, Utah	40 14 15	111 41 55	(4,510)	MS	1903-05, 1933-34, 1937-67	680	May 6, 1952	6.37	2,520	3.71
126	10-1635.00	American Fork above South Fork near American Fork, Utah	40 27 15	111 39 40	(6,030)	A 2	1912	43	June 5, 1912	3.62	349	8.12
127	10-1645.00	American Fork above upper power plant near American Fork, Utah	40 26 50	111 40 50	(5,950)	A 2	1927-67	51.1	July 30, 1953 Aug. 3, 1951	9.2 7.38	3/ 645	- 12.6
128	10-1650.00	American Fork near American Fork, Utah	40 26	111 45	(5,040)	A 2	1889-1905	66	May 1890	-	885 3/	13.4
129	10-1655.00	Dry Creek near Alpine, Utah 10/	40 28 35	111 45 25	8,770	A 2	1947-55	9.82	Aug. 3, 1951 June 13, 1953	- 2.27	4/ 304	- 31.0
130	10-1660.00	Fort Creek at Alpine, Utah	40 27 55	111 46 45	7,500	A 2	1947-55	6.55	Aug. 4, 1951	4.60	246	37.6
131	10-1664.30	West Canyon near Cedar Fort, Utah	40 24 25	112 06 05	(5,650)	B 8	1965-67	26.8	Sept. 5, 1965	1.54	85	3.17
132	10-1670.00	Jordan River at narrows near Lehi, Utah	40 26 40	111 55 15	(4,470)	B 8	1904, 1913-67	3,000	June 10, 1952	-	1,410 3/	.47
133	10-1672.00	Jordan River at 9400 South near Riverton, Utah	40 34 50	111 55 07	(4,300)	B 8	1965-66	3,130	March 9, 1966	-	400 3/	.13
134	10-1673.00	Jordan River at 5800 South near Murray, Utah	40 38 43	111 55 18	(4,260)	B 8	1965-66	3,240	March 9, 1966	-	503 3/	.16
135	10-1675.00	Little Cottonwood Creek near Salt Lake City, Utah	40 34 40	111 47 50	(5,080)	A 2	1912-13, 1915-67	27.4	June 11, 1921	-	762 3/	27.8
136	10-1677.00	Little Cottonwood Creek at 2050 East near Salt Lake City, Utah	40 36 29	111 49 51	(4,580)	A 2	1963-66	33.8	June 7, 1964	-	486 3/	14.4
137	10-1685.00	Big Cottonwood Creek near Salt Lake City, Utah	40 37 07	111 46 52	(4,990)	A 2	1898-1967	50.0	June 6, 1909	-	835 3/	16.7
138	10-1688.00	Big Cottonwood Creek at 5550 South near Salt Lake City, Utah	40 36 29	111 49 51	(4,410)	A 2	1964-66	58.2	June 13, 1965	-	351 3/	6.03
139	10-1698.00	Mill Creek above Elbow Fork near Salt Lake City, Utah	40 42 23	111 41 22	(6,630)	A 2	1963-67	7.7	June 9, 1965	-	42 3/	5.45
140	10-1700.00	Mill Creek near Salt Lake City, Utah	40 41 20	111 46 55	(5,050)	A 2	1898-1910, 1912-19, 1920-22, 1923-60, 1963-67	21.7	May 20, 1949	-	152 3/	7.00
141	10-1702.00	Mill Creek at 2200 East near Salt Lake City, Utah	40 41 44	111 49 40	(4,560)	A 2	1963-66	22.6	June 12, 1965	-	51 3/	2.26
142	10-1710.00	Jordan River at Salt Lake City, Utah	40 43 40	111 55 25	(4,221)	B 8	1942-67	3,420	June 7, 1952	-	1,820	.53
143	10-1715.00	Parleys Creek near Salt Lake City, Utah	40 43 00	111 47 00	(4,890)	A 2	1898-1966	50.1	April 26, 1952	-	365 3/	7.29
144	10-1716.00	Parleys Creek at Suicide Rock near Salt Lake City, Utah	40 42 35	111 47 48	(4,710)	A 2	1963-67	50.7	May 19, 1964	-	219 3/	4.32
145	10-1719.00	Emigration Creek below Burr Fork near Salt Lake City, Utah	40 47 34	111 42 44	(5,820)	A 2	1963-67	5.9	April 23, 1965	-	45 3/	7.63
146	10-1720.00	Emigration Creek near Salt Lake City, Utah	40 45 00	111 48 45	(4,870)	A 2	1900-67	18	April 26, 1952	-	156 3/	8.67
147	10-1721.00	Emigration Creek below 1300 East at Salt Lake City, Utah	40 43 49	111 51 18	(4,870)	A 2	1963-66	19	May 16, 1964	-	70 3/	3.68
148	10-1722.00	Red Butte Creek at Fort Douglas near Salt Lake City, Utah	40 46 50	111 48 20	(5,400)	A 2	1963-67	7.25	May 13, 1964	2.43	31	4.28
149	10-1723.00	Red Butte Creek at 1600 East at Salt Lake City, Utah	40 44 50	111 51 22	(4,390)	A 2	1963-66	8.9	May 15, 1964	-	23 3/	2.58
150	10-1724.00	City Creek at Wasatch Drive near Salt Lake City, Utah	40 47 33	111 52 35	-	A 2	1963-66	18.5	May 23, 1964	-	74 3/	4.00
151	10-1725.00	City Creek near Salt Lake City, Utah	40 47 33	111 52 35	(4,540)	A 2	1899-1909, 1911-60, 1963-67	19.2	May 30, 1921	-	163 3/	8.49
152	10-1726.00	Jordan River below Cudahy Lane near Salt Lake City, Utah	40 50 41	111 56 59	(4,210)	B 8	1963-66	3,490	June 11, 1965	-	348	.10
		Rush Valley										
153	10-1727.00	Vernon Creek near Vernon, Utah	39 59	112 23	(6,200)	B 8	1958-67	25	April 14, 1962	1.82	78	3.12
		Tooele Valley										
154	10-1728.00	South Willow Creek near Grantsville, Utah 10/	40 29 45	112 34 25	(6,360)	B 8	1960-67	4.19	June 8, 1964	2.27	92	22.0
		Great Salt Lake Desert										
155	10-1728.70	Trout Creek near Callao, Utah	39 44 40	113 53 20	9,100	B 8	1958-67	8.8	June 15, 1967	2.66	123	14.0
156	10-1728.93	Deep Creek near Goshute, Utah	39 53 00	113 59 50	(6,100)	B 8	1964-67	43	June 21, 1967	2.52	32	.74
		Tributaries between Great Salt Lake Desert and Bear River										
157	10-1729.40	Dove Creek near Park Valley, Utah	41 47	113 34	(5,600)	B 8	1958-67	33.2	Feb. 10, 1962	4.65	275	8.28
		Sevier Lake basin										
158	10-1734.50	Mammoth Creek above West Hatch Ditch near Hatch, Utah	37 37 20	112 31 05	(7,300)	B 3	1964-67	105	June 7, 1965	3.98	435	4.14
159	10-1735.00	Mammoth Creek near Hatch, Utah	37 37	112 28	-	B 3	1914, 1916-19	151	June 10, 1917	4.32	795	5.26
160	10-1736.00	Midway Creek near Hatch, Utah	37 31 10	112 43 35	-	B 3	1957-62	25.7	June 6, 1958	2.64	153	5.95
161	10-1739.00	Duck Creek near Hatch, Utah	37 31	112 42	(8,530)	B 3	1953-59	32.0	June 6, 1958	3.61	226	7.06
162	10-1740.00	Asay Creek above West Fork near Hatch, Utah	37 33	112 31	-	B 3	1954-59	99	May 11, 1958	3.63	419	4.23
163	10-1742.00	Asay Creek near Hatch, Utah	37 35	112 28	(6,980)	B 3	1912-14	96	July 22, 1913	7.5	1,600	16.7
164	10-1745.00	Sevier River at Hatch, Utah	37 39 00	112 25 30	8,480	B 3	1911-28, 1939-67	340 -	May 25, 1914 May 26, 1922	- 5.25	12/ 1,490	- 4.38
165	10-1750.00	Sevier River near Panguitch, Utah	37 46	112 23	-	B 3	1914	418	June 14, 1914	3.7	972	2.33
166	10-1763.00	Panguitch Creek near Panguitch, Utah	37 46	112 32	(7,600)	B 3	1961-67	93	Aug. 25, 1961	4.55	670	7.20
167	10-1795.00	Sevier River below Old Houston Canal near Panguitch, Utah	37 53	112 26	(6,500)	B 3	1916	-	Aug. 7, 1916	4.9	494	-
168	10-1800.00	Sevier River near Circleville, Utah	38 06	112 19	(6,240)	B 3	1912, 1914-27, 1949-67	950	About May 21, 1922	9.8	1,960	2.06
169	10-1835.00	Sevier River near Kingston, Utah	38 12	112 12	7,790	B 3	1914-67	1,110	March 4, 1938	5.20	3,000	2.70

Table 1 — (Continued)

Number on figure 4	Station number	Gaging station	Latitude	Longitude	Mean altitude of drainage basin (feet)	Flood region and hydrologic area	Period of record	Drainage area (sq mi)	Maximum gage height and discharge			
									Date	Gage height (feet)	Discharge	
											cfs	cfs per sq mi
		THE GREAT BASIN — (Continued)										
170	10-1839.00	East Fork Sevier River near Ruby's Inn, Utah	37 35	112 16	(7,860)	B 3	1961-67	71	May 1, 1965	2.08	166	2.34
171	10-1844.50	East Fork Sevier River near Antimony, Utah	37 03	111 59	(6,550)	B 3	1961-66	570	March 29, 1962	5.97	615	1.08
172	10-1850.00	Antimony Creek near Antimony, Utah	37 06	111 53	(7,000)	B 3	1946-48, 1957-67	97	Aug. 3, 1959	4.52	669	6.90
173	10-1873.00	Otter Creek near Kooskarem, Utah	37 36 40	111 48 40	(7,100)	B 3	1964-67	24	May 20, 1965	2.17	56	2.33
174	10-1875.00	Otter Creek above reservoir near Antimony, Utah	37 15	111 58	(6,400)	B 3	1915-20, 1961-64	330	March 20, 1919	3.78	103	.31
175	10-1890.00	East Fork Sevier River near Kingston, Utah	37 12	112 09	(6,110)	B 3	1913-67	1,260	May 12, 1941	5.05	2,030	1.61
176	10-1905.00	Sevier River near Junction, Utah	37 14	112 11	(5,960)	B 3	1911-16	2,390	May 27, 1914	-	5,600[13]	2.34
177	10-1915.00	Sevier River below Piute Dam near Marysvale, Utah	38 19 55	112 11 15	(5,870)	MS	1911-67	2,440	May 23,24,1922	-	2,600	1.07
178	10-1920.00	Sevier River near Marysvale, Utah	38 22 15	112 12 00	(5,850)	MS	1908-11	2,560	Sept. 3, 1909	-	3,000	1.17
179	10-1940.00	Sevier River above Clear Creek near Sevier, Utah	38 34 20	112 15 25	(5,560)	MS	1911-16, 1939-58, 1960-67	2,700	May 16, 1941	4.83	2,270	.84
180	10-1942.00	Clear Creek above diversions near Sevier, Utah	38 34 45	112 17 20	(5,680)	B 3	1957-67	164	Aug. 17, 1965	3.36	427	2.60
181	10-1950.00	Clear Creek at Sevier, Utah	38 34 55	112 15 30	7,690	B 3	1912-19, 1934-58	169	Aug. 17, 1955	5.97	611	3.62
182	10-1955.00	Sevier River at Sevier, Utah	38 34 50	112 15 15	(5,520)	MS	1916-29	2,850	May 1922	-	2,800	.98
183	10-2050.00	Sevier River near Sigurd, Utah	38 52	111 57	(5,180)	MS	1914-67	3,340	May 30, 1922	6.1	2,400	.72
184	10-2050.30	Salina Creek near Emery, Utah	38 54 40	111 31 45	(7,000)	B 3	1963-67	53	June 7, 1965	2.37	166	3.13
185	10-2051.00	Sheep Creek near Salina, Utah	38 47	111 41	-	B 3	1957-67	.3	June 28, 1960	1.73	15.5 (release from pond)	51.7
186	10-2052.00	West Fork Sheep Creek near Salina, Utah	38 47	111 41	-	B 3	1957-67	.43	May 20, 1965	1.66	11.9	27.7
187	10-2053.00	Sheep Creek at mouth near Salina, Utah	38 48	111 41	-	B 3	1957-67	1.47	May 20, 1965	2.33	31.7	21.6
188	10-2060.00	Salina Creek at Salina, Utah	38 57	111 52	7,810	B 3	1914-19, 1942-55, 1959-67	290	July 27, 1953	6.70	2,660	9.14
189	10-2080.00	Sevier River near Gunnison, Utah	39 09	111 52	(4,910)	MS	1901-17	3,990	May 28, 1906	-	2,240	.56
190	10-2085.00	Oak Creek near Fairview, Utah	39 40 30	111 25 00	(6,300)	B 3	1964-67	11	May 21, 1965	3.53	112	10.2
191	10-2100.00	Pleasant Creek near Mount Pleasant, Utah	39 32 30	111 23 30	(6,760)	B 3	1954-67	16	Aug. 16, 1955	-	750	46.9
									July 24, 1946	-	2,060[14]	129
192	10-2110.00	Twin Creek near Mount Pleasant, Utah	39 29 30	111 24 25	(6,500)	B 3	1954-66	5.9	July 31, 1965	3.10	488	82.7
193	10-2155.00	Big Hollow at Fountain Green, Utah[10]	39 37 35	111 37 30	6,830	B 3	1964-67	21.2	July 29, 1965	2.80	148	6.98
194	10-2157.00	Oak Creek near Spring City, Utah	39 26 30	111 25 15	(7,400)	B 3	1964-67	8.0	July 23, 1965	3.75	300	37.5
195	10-2159.00	Manti Creek below Dugway Creek near Manti, Utah	39 19 45	111 34 30	(6,800)	B 3	1964-67	24	June 24, 1965	2.47	332	13.8
196	10-2162.10	San Pitch River near Sterling, Utah	39 12 30	111 42 30	(5,370)	B 3	1964-67	670	Mar.14,15,1966	-	2962[3]	.44
197	10-2164.00	Twelvemile Creek near Mayfield, Utah	39 06 10	111 38 45	(6,000)	B 3	1959-67	60	Aug. 10, 1965	4.05	1,350	22.5
198	10-2165.00	San Pitch River near Gunnison, Utah	39 09 20	111 52 20	(4,910)	B 3	1900-05, 1912-18	886	Aug. 29, 1906	-	720	.81
199	10-2170.00	Sevier River below San Pitch River near Gunnison, Utah	39 09 00	111 52 30	(4,900)	MS	1917-67	4,880	June 1, 1922	5.68	2,620	.54
200	10-2175.00	Sevier River at Clark's bridge near Fayette, Utah	39 15	111 52	-	MS	1914-16	4,960	June 8, 1914	6.7	2,090	.42
201	10-2190.00	Sevier River near Juab, Utah	39 22 30	112 02 20	(4,940)	MS	1911-67	5,120	June 2, 1922	8.5	2,140	.42
202	10-2192.00	Chicken Creek near Levan, Utah	39 33 05	111 49 40	(5,500)	B 3	1962-67	28	Feb. 1, 1963	4.54	141	5.04
203	10-2200.00	Sevier River near Mills, Utah	39 34	112 08	-	MS	1914-17	5,800	May 27, 1914	6.71	1,910	.33
204	10-2235.00	Sevier River at Leamington, Utah	39 33	112 17	-	MS	1889-93, 1912-14	5,860	May 30, 1890	-	2,330	.40
205	10-2240.00	Sevier River near Lyndyl, Utah	39 28 55	112 23 35	(4,660)	MS	1914-19, 1942-67	6,270	Feb. 10, 1962	11.73	2,980	.48
206	10-2241.00	Oak Creek above Little Creek near Oak City, Utah	39 21 25	112 13 55	(6,480)	B 3	1964-67	5.58	May 2, 1965	1.51	20	3.58
207	10-2280.00	Sevier River near Delta, Utah	39 24 10	112 30 15	-	MS	1912-19	7,380	May 31, 1914	6.82	1,470	.20
208	10-2315.00	Sevier River at Oasis, Utah	39 18	112 38	-	MS	1912-27	8,080	June 12, 1914	9.45	1,580	.20
		Pavant Valley										
209	10-2325.00	Chalk Creek near Fillmore, Utah	38 58	112 18	8,020	B 3	1914, 1944-67	58.7	July 31, 1961	-	1,850	31.5
210	10-2330.00	Meadow Creek near Meadow, Utah	38 53 30	112 19 40	(5,800)	B 3	1914, 1965-67	11.6	May 12, 1914	2.94	113	9.74
211	10-2335.00	Corn Creek near Kanosh, Utah[10]	38 46 25	112 23 55	7,400	B 3	1963-67	87	Aug. 1, 1965	2.77	318	3.66
		Beaver River basin										
212	10-2340.00	Three Creeks near Beaver, Utah	38 17 40	112 25 40	(8,550)	B 3	1947-61	19.5	Aug 9, 1947	4.35	290	14.9
213	10-2345.00	Beaver River near Beaver, Utah	38 16 40	112 33 30	(6,500)	B 3	1914-67	82	July 22, 1936	7.27	1,080	13.2
214	10-2350.00	South Creek near Beaver, Utah	38 11 30	112 33 10	(6,900)	B 3	1965-67	15	Aug. 1, 1965	1.75	200	13.3
215	10-2355.00	North Fork North Creek above Pole Creek near Beaver, Utah	38 23 30	112 30 35	(7,500)	B 3	1947-49	6.9	June 12, 1949	1.28	36	5.22
216	10-2360.00	North Fork North Creek near Beaver, Utah[10]	38 20 45	112 33 05	8,340	B 3	1965-67	14.1	May 7, 1966	0.47	20	1.42
217	10-2365.00	South Fork North Creek near Beaver, Utah	38 20 20	112 32 15	(6,800)	B 3	1965-67	23.0	Aug. 17, 1965	1.51	78	3.39
218	10-2370.00	Beaver River at Adamsville, Utah	38 15 05	112 47 25	(5,500)	B 3	1913-67	272	July 23, 1941	4.68	1,090	4.01
219	10-2375.00	Indian Creek near Beaver, Utah	38 25 55	112 35 15	(6,800)	B 3	1947-49, 1965-67	18.5	June 11, 1949	1.52	36	1.95
220	10-2390.00	Beaver River at Rockyford Dam near Minersville, Utah	38 14	112 50	(5,400)	B 3	1913-67	512	July 10, 1921	3.53	727	1.42
221	10-2400.00	Beaver River at Minersville, Utah	38 13 10	112 55 35	(5,250)	B 3	1909-13, 1951-55	560	July 31, 1912	6.0	1,200	2.14
222	10-2410.00	Beaver River near Milford, Utah	38 28	113 01	(4,940)	B 3	1951-55	1,100	June 11, 1952	2.84	221	.20
		Parowan Valley										
223	10-2414.00	Little Creek near Paragonah, Utah	37 54 30	112 43 00	(6,650)	B 3	1959-67	17	Aug. 3, 1961	3.86	351	20.6
224	10-2414.30	Red Creek near Paragonah, Utah	37 51 20	112 40 40	(7,300)	B 3	1965-67	6.3	Aug. 17, 1965	3.28	34	5.4
225	10-2414.70	Center Creek above Parowan Creek near Parowan, Utah	37 47 30	112 48 50	(6,900)	B 3	1964-67	11	Aug. 10, 1965	4.96	353	32.1
226	10-2415.00	Center Creek near Parowan, Utah	37 50	112 49	8,680	B 3	1942-50	60	Aug. 5, 1945	4.59	386	6.43
227	10-2416.00	Summit Creek near Summit, Utah	37 47 20	112 54 50	(6,400)	B 3	1964-67	24	May 20, 1965	1.91	99	4.12
		Cedar City Valley										
228	10-2418.00	Ashdown Creek near Cedar City, Utah	37 38 15	112 54 15	(7,540)	B 3	1957-61	13.1	Aug. 3, 1959	4.95	1,000	76.3
229	10-2420.00	Coal Creek near Cedar City, Utah	37 40 20	113 02 05	8,640	B 3	1915-19, 1935-67	80.9	July 16, 1967	9.94	3,340	41.3
		Escalante Valley										
230	10-2424.30	Grassy Creek near Enterprise, Utah	37 30 15	113 50 50	(5,780)	B 3	1964-67	2.5	Dec. 29, 1965	2.92	191	76.4
		Snake Valley										
231	10-2432.40	Baker Creek at narrows near Baker, Nevada[10]	38 59	114 13	9,590	B 8	1947-55	16.4	June 7, 1952	2.72	178	10.9

1/ Discharge estimated on basis of flood record at Fruita, Colo.
2/ Operated during a different period as a crest-stage station; see table 2.
3/ Maximum mean daily discharge.
4/ Greater flood occurred July 15, 1959 (discharge not determined).
5/ Materially affected by rain on snow.
6/ Caused by failure of dam upstream from station.
7/ Drainage area does not include 170 sq. mi. of noncontributing area above Strawberry Reservoir.
8/ Probably exceeded by flood of Oct. 6, 1911.
9/ Maximum flood known; discharge estimated on basis of high-water mark at mouth of Paria River.
10/ Operated during a different period as a crest-stage station; see table 2.
11/ Maximum flood known; discharge not determined.
12/ Maximum flood known, caused by failure of Hatchtown Dam; discharge not determined.
13/ Maximum daily discharge, caused by failure of Hatchtown Dam.
14/ Maximum flood known.

Table 2.—Maximum discharges at crest-stage stations

Number in Figure 3	Station number	Gaging station	Latitude	Longitude	Mean altitude of drainage basin (feet)	Flood region and hydrologic area	Period of record	Drainage area (sq mi)	Maximum gage height and discharge			
									Date	Gage height (feet)	Discharge	
											Cfs	Cfs per sq mi
		COLORADO RIVER BASIN										
		Tributaries between Utah-Colorado State line and Dolores River										
200	9-1635.50	Harley Dome Wash near Harley Dome, Utah	39 09	109 09	4,810	C 13	1959-67	3.1	Aug. 19, 1959	14.02	634	205
201	9-1637.00	Cisco Wash near Cisco, Utah	38 58	109 20	4,960	F 9	1959-67	29	Aug. 3, 1963	17.85	3,730	129
		Tributaries between Dolores River and Green River										
202	9-1810.00	Onion Creek near Moab, Utah[1]	38 43 30	109 20 40	5,810	F 9	1961-67	18.8	Aug. 29, 1961	3.75	1,320	70.2
203	9-1826.00	Salt Wash near Thompson, Utah	38 57 10	109 39 30	5,660	F 9	1959-67	3.9	Aug. 19, 1959	17.52	1,380	354
204	9-1852.00	Kane Springs Canyon near Moab, Utah	38 23 45	109 27 05	6,620	F 10	1959-67	17.8	Oct. 20, 1963	13.47	1,520	85.4
205	9-1870.00	Cottonwood Creek near Monticello, Utah[1]	38 03 45	109 34 25	7,210	F 10	1959-67	115	Aug. 18, 1963	6.82	6,000	52.2
		Green River basin										
206	9-2637.00	Cliff Creek near Jensen, Utah	40 18	109 08	6,570	C 13	1960-67	64	Aug. 24, 1963	14.88	1,360	21.2
207	9-2638.00	Cow Wash near Jensen, Utah	40 19	109 13	5,360	C 13	1960-67	3.9	July 18, 1966	18.85	2,950	756
208	9-2718.00	Halfway Hollow tributary near LaPoint, Utah	40 25 00	109 45 10	6,510	A 2	1960-67	5.6	Aug. 5, 1963	13.30	702	125
209	9-2720.00	Twelvemile Wash tributary near Maeser, Utah	40 27	109 38	6,010	A 2	1960-67	.12	Aug. 22, 1960	11.70	52	433
210	9-2792.00	Benson Creek near Duchesne, Utah	40 15	110 24	6,410	A 2	1960-67	11	Aug. 26, 1963	16.3	1,800	164
211	9-2882.00	Strawberry River tributary near Duchesne, Utah	40 10	110 29	6,080	B 8	1960-67	1.7	July 22, 1965	16.52	2,560	1,510
212	9-2883.00	Trail Hollow near Tabiona, Utah	40 17 32	110 41 40	7,970	B 2	1961-67	6.8	Aug. 31, 1961	16.58	542	79.7
213	9-3080.00	Willow Creek near Ouray, Utah[1]	39 56 30	109 39 00	7,080	C 13	1961-67	890	Feb. 1962	17.73	11,000	12.4
214	9-3082.00	Pleasant Valley Wash tributary near Myton, Utah	40 07	110 08	6,110	B 8	1960-67	15	June 12, 1965	12.95	1,350	90
215	9-3090.00	Minnie Maud Creek at Nutter Ranch near Myton, Utah[1]	39 48 45	110 15 00	7,880	B 8	1960-67	231	Sept. 18, 1961	7.30	1,000	4.3
216	9-3091.00	Gate Canyon near Myton, Utah	39 50	110 15	6,860	B 8	1960-67	5.4	Sept. 6, 1963	11.76	860	-
									Aug. 2, 1961	11.77	860	159
217	9-3142.00	Miller Creek near Price, Utah	39 31 15	110 49 15	7,040	B 9	1960-67	62	Aug. 10, 1963	20.89	3,610	58.2
218	9-3144.00	Coleman Wash tributary near Woodside, Utah	39 22 45	110 24 15	5,540	B 9	1959-67	3.6	Aug. 12, 1959	19.87	1,040	289
219	9-3151.50	Saleratus Wash tributary near Woodside, Utah	39 08	110 20	5,070	C 9	1959-67	10	Sept. 21, 1962	20.00	5,340	534
220	9-3152.00	Saleratus Wash tributary No. 2 near Woodside, Utah	39 06	110 19	5,030	C 9	1959-67	4.4	Sept. 21, 1962	18.3	3,720	845
221	9-3154.00	Saleratus Wash above Cottonwood Wash near Green River, Utah	39 01	110 18	5,430	C 9	1959-67	120	Sept. 21, 1962	16.5	19,500	162
222	9-3159.00	Browns Wash tributary near Green River, Utah	38 59 10	110 05 50	4,310	C 9	1959-67	3.89	Aug. 19, 1959	15.40	1,470	378
223	9-3276.00	Ferron Creek tributary near Ferron, Utah	39 04 15	111 01 30	6,130	B 7	1959-67	.96	Aug. 18, 1965	12.73	515	536
224	9-3280.50	Dry Wash near Moore, Utah	38 56 16	111 04 15	6,320	C 8	1959-67	14	Aug. 31, 1963	16.28	1,630	116
225	9-3282.00	Buckhorn Draw tributary near Castle Dale, Utah	39 10 30	110 42 45	6,380	C 9	1959-67	5.7	Aug. 17, 1963	18.50	5,880	1,030
226	9-3283.00	Sids Draw near Castle Dale, Utah	38 58 40	110 39 55	6,410	C 9	1959-67	17.6	Aug. 13, 1963	13.65	1,940	110
227	9-3286.00	Georges Draw near Hanksville, Utah	38 49 25	110 42 15	7,010	C 9	1959-67	6.63	Aug. 25, 1959	12.45	1,650	249
228	9-3287.00	Temple Wash near Hanksville, Utah	38 39 10	110 33 10	5,630	C 9	1959-67	38.2	Sept. 21, 1962	-	1,880	49.2
229	9-3287.20	Old Woman Wash near Hanksville, Utah	38 40 55	110 31 50	5,450	C 9	1959-67	17.6	Sept. 21, 1962	11.90	2,650	151
230	9-3289.00	Crescent Wash at Crescent Junction, Utah	38 57	109 49	6,180	C 9	1959-67	23.3	July 31, 1965	23.57	4,160	179
		Dirty Devil River basin										
231	9-3298.00	Tommy Hollow near Bicknell, Utah	38 17 15	111 37 00	8,150	C 8	1959-67	3.3	Aug. 11, 1959	10.86	37	11.2
232	9-3301.00	Sulphur Creek near Torrey, Utah	38 19 30	111 22 15	7,930	C 8	1959-67	7.86	Aug. 26, 1963	17.59	1,880	239
233	9-3301.20	Sulphur Creek near Fruita, Utah	38 17 35	111 15 50	7,400	C 8	1959-67	56.7	Sept. 17, 1961	18.85	2,600	45.9
234	9-3302.00	Pleasant Creek at Notom, Utah	38 13 45	111 07 10	7,980	C 8	1959-67	80.6	July 16, 1965	14.76	2,040	25.3
235	9-3303.00	Neilson Wash near Caineville, Utah	38 21 55	110 52 40	4,830	C 9	1959-67	22.3	Aug. 18, 1965	24.95	5,450	244
236	9-3304.00	Fremont River near Hanksville, Utah	38 22 00	110 44 45	7,450	C 9	1959-67	1,900	Sept. 9, 1961	15.40	6,500	3.4
237	9-3315.00	Ivie Creek above diversions near Emery, Utah[1]	38 45 30	111 25 15	8,870	C 8	1962-67	50	July 25, 1965	15.06	1,420	28.4
238	9-3325.00	Muddy Creek below Ivie Creek near Emery, Utah[1]	38 46	111 08	7,580	C 8	1962-67	440	Aug. 30, 1963	8.52	2,000	4.5
		North Wash basin										
239	9-3339.00	Butler Canyon near Hite, Utah	37 59 35	110 29 50	5,150	C 9	1959-67	14.7	Sept. 5, 1965	13.90	940	63.9
		White Canyon basin										
240	9-3343.00	Farley Canyon near Hite, Utah	37 49 15	110 24 30	4,140	C 9	1959-67	12.5	Sept. 8, 1961	22.4	7,500	600
241	9-3344.00	Fry Canyon near Hite, Utah	37 37 05	110 08 05	6,240	C 9	1959-67	20.9	Sept. 21, 1962	16.05	3,500	167
		Escalante River basin										
242	9-3360.00	Birch Creek near Escalante, Utah[1]	37 45 45	111 44 15	8,080	C 8	1959-67	36	Aug. 19, 1963	17.10	3,400	94.4
243	9-3364.00	Upper Valley Creek near Escalante, Utah	37 44 30	111 42 35	7,620	C 8	1959-67	53	Aug. 2, 1959	16.57	-	-
										15.40	5,560	105
244	9-3385.00	East Fork Deer Creek near Boulder, Utah[1]	38 00 05	111 23 20	9,290	C 8	1959-67	1.9	Aug. 3, 1961	12.36	224	118
245	9-3389.00	Deer Creek near Boulder, Utah	37 51 00	111 21 15	7,680	C 8	1959-67	63	Aug. 3, 1961	14.00	3,820	60.6
246	9-3392.00	Twentymile Wash near Escalante, Utah	37 33 30	111 22 30	6,170	C 8	1959-67	140	Aug. 27, 1963	14.70	4,620	33
		San Juan River basin										
247	9-3722.00	McElmo Creek near Bluff, Utah	37 13	109 11	6,200	C 11	1959-67	720	Oct. 18, 1962	10.88	1,140	1.6
248	9-3784.80	Montezuma Creek near Monticello, Utah	37 47	109 16	7,440	C 11	1959-67	117	Aug. 4, 1966	16.95	1,190	10.2
249	9-3786.00	Montezuma Creek near Bluff, Utah	37 18 30	109 17 35	6,330	C 11	1959-67	1,200	Aug. 2, 1964	16.70	1,500	1.2
250	9-3787.00	Cottonwood Wash near Blanding, Utah[1]	37 33 40	109 34 40	6,820	C 11	1959-64	205	Sept. 6, 1963	18.55	8,650	42.2
251	9-3787.20	Cottonwood Wash at Bluff, Utah	37 17	109 34	6,250	C 11	1959-67	340	Sept. 6, 1963	15.24	4,060	11.9
252	9-3789.00	Butler Wash near Bluff, Utah	37 15 56	109 39 07	5,110	C 11	1959-67	54	Oct. 20, 1963	16.10	1,000	18.5
253	9-3789.50	Comb Wash near Blanding, Utah	37 33	109 40	5,760	C 11	1959-67	10.3	Aug. 2, 1964	12.80	1,400	136
254	9-3793.00	Lime Creek near Mexican Hat, Utah	37 13	109 49	5,360	C 11	1959-67	32	Sept. 21, 1962	16.55	5,930	185
		Wahweap Creek basin										
255	9-3798.00	Coyote Creek near Kanab, Utah	37 08	111 45	5,030	C 9	1959-67	89	Aug. 10, 1961	14.70	2,250	25.3
256	9-3798.20	Buck Tank Draw near Kanab, Utah	37 05 10	111 42 20	5,020	C 9	1959-67	5.25	Aug. 30, 1963	10.69	41	7.8
		Paria River basin										
257	9-3803.80	Bryce Creek at Park Boundary near Tropic, Utah	37 36 55	112 07 55	-	C 9	1965-66	2.72	Sept. 5, 1965	10.15	330	121
258	9-3811.00	Henrieville Creek at Henrieville, Utah	37 33 30	111 59 00	7,120	C 9	1959-67	34	Aug. 4, 1961	15.60	7,360	216
259	9-3814.00	Paria River at Cannonville, Utah	37 34 00	112 03 00	-	C 9	1959-62	96	Aug. 3, 1961	12.28	4,830	50.3
260	9-3815.00	Paria River near Cannonville, Utah[1]	37 30	112 02	6,890	C 9	1959-67	220	Aug. 31, 1963	18.0	11,400	51.8
261	9-3815.90	Sheep Creek at Park Boundary near Cannonville, Utah	37 33 55	112 11 55	-	C 9	1965-66	3.56	March 23, 1965	9.89	-	-
									Aug. 2, 1966	9.22	9.6	2.7
262	9-3816.00	Sheep Creek near Cannonville, Utah	37 32 30	112 07 45	-	C 9	1959-65	17	Aug. 4, 1961	14.82	1,260	74.1
263	9-3817.00	Sheep Creek Reservoir near Cannonville, Utah	37 29 42	112 03 56		C 9	1961-66	31.1	Aug. 31, 1963	26.90	4,620	149
264	9-3818.00	Paria River near Kanab, Utah	37 06	111 54	6,390	C 9	1959-67	645	Aug. 31, 1963	16.26	15,400	23.9
		Kanab Creek basin										
265	9-4035.00	Kanab Creek near Glendale, Utah	37 17	112 29	7,250	C 15	1959-67	72	Sept. 18, 1963	6.37	1,600	22.2
266	9-4036.00	Kanab Creek near Kanab, Utah	37 06	112 33	6,540	C 15	1959-67	198	Sept. 8, 1961	15.70	3,030	15.3
267	9-4037.00	Johnson Wash near Kanab, Utah	37 02	112 21	6,200	C 15	1959-67	237	Dec. 6, 1966	16.00	1,700[2]	7.2
									Sept. 25, 1967	18.60	2,000	8.4
		Virgin River basin										
268	9-4045.00	Mineral Gulch near Mt. Carmel, Utah	37 14	112 44	6,080	C 15	1959-67	7.6	Aug. 18, 1963	19.69	3,210	422
269	9-4068.00	South Ash Creek near Pintura, Utah	37 21	113 17	6,690	C 15	1959-67	14	Dec. 6, 1966	13.54	985[2]	70.4
270	9-4082.00	Fort Pierce Wash near St. George, Utah	37 03 35	113 32 40	5,110	C 15	1959-67	1,650	Aug. 14, 1964	17.23	8,760	5.3

Table 2 — (Continued)

Number in figure 14	Station number	Gaging station	Latitude	Longitude	Mean altitude of drainage basin (feet)	Flood region and hydrologic area	Period of record	Drainage area (sq mi)	Maximum gage height and discharge			
									Date	Gage height (feet)	Discharge	
											Cfs	Cfs per sq mi
		THE GREAT BASIN										
		Bear River basin										
234	10-1077.00	Logan River near Garden City, Utah	41 56 00	111 34 00	8,230	A 2	1962-67	34	May 16, 1964	11.00	570	16.8
235	10-1078.00	Temple Fork near Logan, Utah	41 49 50	111 34 40	7,370	A 2	1962-67	15.4	June 13, 1965	10.20	100	6.5
		Jordan River basin										
236	10-1468.00	Right Hand Fork Government Canyon near Elberta, Utah	39 51 40	112 01 20	6,150	B 8	1961-67	2.78	Aug. 2, 1963	14.00	1,820	655
237	10-1469.00	Utah Lake tributary near Elberta, Utah	40 00 45	111 58 35	5,540	B 8	1961-67	4.71	July 18, 1965	12.83	773	164
238	10-1483.00	Dairy Fork near Thistle, Utah	39 58	111 21	6,860	B 3	1959-67	11	Aug. 10, 1965	14.22	900	81.8
239	10-1532.00	Big Cove Wash near Lehi, Utah	40 13 35	111 52 50	5,200	B 8	1961-67	.44	-	-	No flow	0
240	10-1655.00	Dry Creek near Alpine, Utah[1/]	40 28 35	111 45 25	8,770	A 2	1959-67	9.82	Aug. 25, 1961	3.80	597	60.8
241	10-1664.00	Tickville Gulch near Cedar Valley, Utah	40 22 40	112 00 15	5,740	B 8	1961-67	15.6	Feb. 10, 1962	15.49	236	15.1
		Rush Valley										
242	10-1727.20	East Government Creek tributary near Vernon, Utah	40 05 45	112 32 30	5,950	B 8	1961-67	.98	Feb. 9, 1962	9.52	6	6.1
243	10-1727.40	Rush Valley tributary near Fairfield, Utah	40 15 25	112 12 20	5,750	B 8	1961-67	.26	Sept. 6, 1965	10.36	17	65.4
244	10-1727.60	Clover Creek near Clover, Utah	40 20 30	112 32 15	7,020	B 8	1961-67	4.45	Aug. 13, 1965	10.81	87	19.6
245	10-1727.70	Dry Canyon near Stockton, Utah	40 22 35	112 17 15	8,360	B 8	1961-67	1.42	Feb. 11, 1962	9.70	Not determined	-
246	10-1727.80	Hickman Creek near St. John, Utah	40 26 55	112 28 30	7,540	B 8	1961-67	12.8	March 27, 1962	12.05	Not determined	-
									Sept. 13, 1963	11.90	18	1.4
		Tooele Valley										
247	10-1727.90	Settlement Canyon near Tooele, Utah	40 28 50	112 16 45	7,700	B 8	1961-67	5.77	July 18, 1965	10.92	52.4	9.1
248	10-1728.00	South Willow Creek near Grantsville, Utah[1/]	40 29 25	112 35 50	-	B 8	1960-63	3.26	June 10, 1963	10.30	11	3.4
249	10-1728.10	Mack Canyon near Grantsville, Utah	40 36 10	112 35 15	7,170	B 8	1961-67	2.84	Sept. 1962	9.95	1	.4
		Skull Valley										
250	10-1728.30	North Fork Muskrat Canyon near Timpie, Utah	40 37 55	112 38 15	6,970	B 8	1961-67	1.78	-	-	No flow	0
251	10-1728.35	Skull Valley tributary near Delle, Utah	40 41	112 55	5,650	B 8	1960-67	1.5	Sept. 13, 1963	9.90	20	13.3
		Great Salt Lake Desert										
252	10-1728.80	Thomas Creek near Callao, Utah	39 50	113 47	8,560	B 8	1959-67	6.8	June 7, 1964	11.09	40	5.9
253	10-1728.85	Great Salt Lake Desert tributary No.2 near Dugway, Utah	39 51 30	113 06 40	5,530	B 8	1961-67	5.48	Sept. 6, 1965	11.66	215	39.2
254	10-1728.90	Government Creek near Dugway, Utah	40 05 00	112 41 35	6,140	B 8	1961-67	59	Aug. 12, 1961	12.58	328	5.6
255	10-1728.95	Deep Creek near Ibapah, Utah	40 15	113 59	6,150	B 8	1959-67	460	Aug. 25, 1961	17.14	1,250	2.7
256	10-1729.00	Bar Creek near Ibapah, Utah	40 15	113 59	5,470	B 8	1959-67	12	Aug. 25, 1961	15.55	2,690	224
257	10-1729.05	Great Salt Lake Desert tributary near Delle, Utah	40 43	112 57	5,980	B 8	1961-67	.97	Sept. 13, 1963	10.55	25	25.8
258	10-1729.20	Cotton Creek near Grouse Creek, Utah	41 48	113 50	6,540	B 8	1959-67	18.4	Apr. 1, 1961	10.80	[2/]	-
259	10-1729.25	Great Salt Lake Desert tributary No. 3 near Park Valley, Utah	41 26	113 46	5,010	B 8	1962-67	.4	May 24, 1963	11.43	75.3	188
		Tributaries between Great Salt Lake Desert and Bear River										
260	10-1729.30	Right Hand Fork Dove Creek near Park Valley, Utah	41 49	113 35	6,920	B 8	1959-67	12.2	March 25, 1962	11.23	32.3	2.6
261	10-1729.60	West Fork Tenmile Creek near Park Valley, Utah	41 50	113 08	5,280	B 8	1959-67	5.93	Aug. 31, 1963	12.07	460	77.6
262	10-1729.90	Blue Spring Creek near Snowville, Utah	41 51	112 27	5,280	B 8	1959-67	78	Feb. 12, 1962	17.47	1,820	23.3
		Sevier Lake basin										
263	10-1748.00	Red Canyon tributary near Bryce Canyon, Utah	37 44	112 17	7,960	B 3	1959-67	2.2	Aug. 11, 1964	11.23	110	50
264	10-1844.00	Deer Creek near Osiris, Utah	38 00 15	111 58 30	8,490	B 3	1959-67	28	Aug. 25, 1961	10.42	110	3.9
265	10-2043.00	Peterson Creek near Sigurd, Utah	38 47	111 56	7,490	B 3	1959-67	28	Sept. 5, 1960	16.97	2,150	76.8
266	10-2050.70	Cottonwood Creek near Salina, Utah	38 55	111 42	7,400	B 3	1959-67	7.8	Aug. 31, 1967	21.96	457	58.6
267	10-2057.00	Salina Creek above diversions near Salina, Utah	38 56	111 49	7,810	B 3	1959-67	280	Sept. 5, 1960	13.03	1,290	4.6
268	10-2155.00	Big Hollow at Fountain Green, Utah[3/]	39 37 35	111 37 30	6,830	B 3	1960-64	21.2	July 24, 1962	12.20	279	13.2
269	10-2163.00	Sixmile Creek near Sterling, Utah	39 12	111 40	8,780	B 3	1959-67	29	Aug. 1, 1965	13.26	1,050	36.2
270	10-2193.00	Deep Creek near Levan, Utah	39 30 15	111 49 55	7,710	B 3	1961-67	8.8	May 2, 1964	11.60	75	8.5
271	10-2203.00	Tintic Wash tributary near Nephi, Utah	39 40	112 05	6,130	B 3	1961-67	18	Aug. 1, 1961	17.64	545	303
272	10-2238.00	Hop Creek near Jericho, Utah	39 46 10	112 09 10	6,510	B 3	1961-67	1.81	Aug. 15, 1961	10.79	182	101
273	10-2242.00	Oak Creek near Oak City, Utah	39 21 20	112 15 05	(6,160)	B 3	1960-63	13.7	July 31, 1961	14.12	379	27.7
274	10-2316.00	Sevier Lake tributary near Hinckley, Utah	39 10	113 02	5,060	B 3	1961-67	2.2	June 7, 1966	11.40	88.1	40
275	10-2317.00	Wah Wah Valley tributary near Milford, Utah	38 32	113 31	6,800	B 3	1961-67	2	Sept. 15, 1963	18.30	1,270	635
		Pavant Valley										
276	10-2335.00	Corn Creek near Kanosh, Utah[1/]	38 46 25	112 23 55	7,400	B 3	1959-65	87	July 18, 1965	14.48	1,350	15.5
		Beaver River basin										
277	10-2360.00	North Fork North Creek near Beaver, Utah[1/]	38 20 45	112 33 05	8,340	B 3	1959-65	14.1	Aug. 23, 1961	11.17	101	7.2
278	10-2406.00	Big Wash near Milford, Utah	38 29	113 07	6,150	B 3	1959-67	51	Sept. 18, 1963	12.80	520	10.2
279	10-2410.50	Cove Creek tributary near Cove Fort, Utah	38 37 28	112 41 16	5,880	B 3	1962-67	.35	Aug. 18, 1965	9.96	1.7	4.9
		Parowan Valley										
280	10-2413.00	Fremont Wash near Paragonah, Utah	38 05	112 41	7,230	B 3	1959-67	120	Dec. 30, 1965	12.21	577	4.8
		Cedar City Valley										
281	10-2419.00	Coal Creek above Right Hand Creek near Cedar City, Utah	37 39 10	112 59 05	8,700	B 3	1959-67	54.2	Aug. 3, 1961	14.15	1,470	27.1
282	10-2421.00	Shurtz Creek near Cedar City, Utah	37 36 50	113 06 40	7,800	B 3	1959-67	12.8	Aug. 4, 1964	20.3	1,230	96.1
283	10-2422.00	Duncan Creek near Cedar City, Utah	37 38 05	113 16 20	6,580	B 3	1959-67	11.9	Aug. 19, 1963	16.50	3,880	326
		Escalante Valley										
284	10-2424.20	Shoal Creek near Enterprise, Utah	37 37	113 59	6,170	B 3	1960-67	19	Feb. 12, 1962	12.20	252	13.3
285	10-2424.40	Cottonwood Creek near Enterprise, Utah	37 34	113 42	6,120	B 3	1961-67	6	Aug. 18, 1966	14.25	460	76.7
		White Valley										
286	10-2428.00	Kings Canyon tributary near Garrison, Utah	39 05	113 34	7,120	B 3	1961-67	13	-	-	0	0
287	10-2428.25	Kings Canyon near Garrison, Utah	39 05	113 34	6,810	B 3	1961-67	29	Aug. 16, 1965	11.79	984	33.9
		Snake Valley										
288	10-2432.10	Snake Valley tributary No. 2 near Garrison, Utah	38 37	113 50	6,300	B 8	1961-67	.24	July 18, 1965	9.78	.2	.8
289	10-2432.20	Snake Valley tributary near Garrison, Utah	38 44	113 56	6,230	B 8	1961-67	4.4	Sept. 15, 1963	13.54	108	24.5
290	10-2432.40	Baker Creek at narrows near Baker, Nevada[1/]	38 59 25	114 12 35	9,590	B 8	1960-67	16.4	Sept. 3, 1960	2.36	92	5.6

1/ Operated during a different period as a regular gaging station; see table 1.
2/ Materially affected by rain on snow.
3/ Discharge not determined.

Table 3.—Maximum discharges at miscellaneous sites

Number in figure 3	Stream and place of determination	Flood region and hydrologic area	Drainage area (sq mi)	Peak discharge		
				Date	Discharge	
					Cfs	Cfs per sq mi
	COLORADO RIVER BASIN					
	Green River basin					
271	Tributary to Green River in NE ¼ SE ¼ sec. 31, T. 13 N., R. 108 W., at culvert on Wyoming State Highway 530, 4.7 mi northeast of Linwood, Utah	E 6	12.5	July 15, 1959	3,360	269
272	Cottonwood Creek tributary to Henrys Fork in NE ¼ SW ¼ sec. 15, T. 12 N., R. 109 W., 1,000 feet upstream from mouth, 1.4 mi north of Wyoming-Utah State line, and 13 mi east of McKinnon, Wyo.	E 6	8.63	July 15, 1959	10,900	1,260
273	Sheep Creek near Manila, Utah, former Station 9-2320, in NE ¼ sec. 28, T. 2 N., R. 18 E., 350 feet downstream from confluence of North and South Forks, and 12 mi southwest of Manila, Utah	A 6	42	June 10, 1965	2,320[1/]	55.2
274	Sheep Creek at Gap, in NE ¼ sec. 12, T. 2 N., R. 19 E., about 4 mi upstream from former Station 9-2325, and 4 mi south of Manila, Utah	A 6	93.2	June 11, 1965	2,620[1/]	28.1
275	Can Canyon, tributary to Ashley Creek, in SE ¼ sec. 7, T. 4 S., R. 22 E., about 3 mi upstream from mouth, and 2½ mi northeast of Vernal, Utah	A 2	2.9	July 22, 1965	3,600	1,240
276	Duchesne River below Little Deer Creek, near Hanna, Utah, lat. 40° 37' 20", long. 110° 53' 30", at site of Station 9-2732 established in October 1964	A 2	39	June 16, 1963	47,000[2/]	1,205
277	Tributary to Farm Creek, Duchesne River basin, in sec. 18, T. 1 S., R. 7 W., Uinta Meridian, ½ mi upstream from mouth and 5 mi southeast of Hanna, Utah	A 2	8.1	Sept. 2, 1960	4,300	531
278	Wagstaff Hollow, tributary to Duchesne River, in E ½ sec. 13, T. 2 S., R. 7 W., Uinta Meridian, 6 mi southeast of Tabiona, Utah	A 2	5.8	Sept. 2, 1960	663	114
279	Crescent Wash, tributary to Thompson Wash, in NW ¼ sec. 15, T. 21 S., R. 19 E., 0.6 mi upstream from dam and about 3 mi north of Crescent Junction, Utah	C 9	18.5	July 31, 1965	9,920	536
	Dirty Devil River basin					
280	Rabbitbrush Creek, tributary to Government Creek, in SW ¼ sec. 13, T. 29 S., R. 3 E., at Forest Service boundary 5.3 mi south of Bicknell, Utah	C 8	2.62	July 31, 1965	2,780	1,060
281	Government Creek, tributary to Fremont River, in SE ¼ sec. 13, T. 29 S., R. 3 E., at Forest Service boundary 5.6 mi south of Bicknell, Utah	C 8	4.82	July 31, 1965	2,430	504
282	Caineville Wash, tributary to Fremont River, in NW ¼ sec. 35, T. 28 S., R. 8 E., at ford ½ mi west of Caineville, Utah	C 8	92.7	Aug. 14, 1959	17,800	192
	San Juan River basin					
283	Twin Wash, tributary to Lime Creek, in S ½ sec. 17, T. 41 S., R. 19 E., at State Highway 47, 5 mi north of Mexican Hat, Utah	C 11	33	Aug. 31, 1963	11,500	348
	Wahweep Creek basin					
284	Tributary to Wahweep Creek, in NE ¼ sec. 4, T. 44 S., R. 3 E., on U.S. Highway 89 about 1.1 mi northwest of where highway crosses Utah-Arizona boundary, and 2 3/4 mi upstream from mouth	C 9	1.61	Sept. 2, 1966	479	298
	Paria River basin					
285	Yellow Creek, tributary to Paria River, in NE ¼ sec. 35, T. 37 S., R. 3 W., 2 mi southwest of Cannonville, Utah	C 9	12	Aug. 31, 1963	8,850	738
	Kanab Creek basin					
286	Hog Canyon, tributary to Kanab Creek, in SE ¼ sec. 9, T. 43 S., R. 6 W., 3/4 mi upstream from mouth and 2 mi north of Kanab, Utah	C 15	18.5	Aug. 12, 1964	10,850	586
	Virgin River basin					
287	Spring Canyon Wash, tributary to East Fork Virgin River, at Glendale, Utah	C 15	4	Aug. 25, 1961	1,530	382
288	Tributary to East Fork Virgin River, in W ½ sec. 8, T. 41 S., R. 7 W., between Cove Canyon and Muddy Creek, and 1½ mi south of Orderville, Utah	C 15	.51	Aug. 12, 1964	1,420	2,780
289	Blacks Canyon, tributary to East Fork Virgin River, in NW ¼ sec. 28, T. 41 S., R. 10 W., about 0.6 mi north of Springdale, Utah	C 15	.9	Aug. 8, 1961	1,030	1,140
290	Coalpits Wash, tributary to Virgin River, in NE ¼ sec. 34, T. 41 S., R. 11 W., 1 mi upstream from mouth and 3 mi northwest of Rockville, Utah	C 15	20.8	Sept. 17, 1961	8,350	401
291	Virgin River near Hurricane, Utah, at gaging station 9-4081.5, lat. 37° 09' 45", long. 113° 23' 40", in NE ¼ SW ¼ sec. 2, T. 42 S., R. 14 W., 6¼ mi west of Hurricane, and 15 mi northeast of St. George, Utah	C 15	1,530	Dec. 6, 1966	20,100	13.1
292	Tributary to Cottonwood Wash, in SW ¼ sec. 33, T. 41 S., R. 14 W., at Interstate Highway 15, 4 mi northwest of Washington, Utah	C 15	.74	Sept. 13, 1963	605	818
293	Twist Hollow, tributary to Halfway Wash in SW ¼ sec. 1, T. 42 S., R. 16 W., at State Highway 18, 2½ mi northwest of St. George, Utah	C 15	14	Aug. 12, 1964	4,280	306
294	The Gap, tributary to Santa Clara River, in SW ¼ sec. 35, T. 42 S., R. 16 W., 1 mi upstream from mouth and 2 mi southwest of St. George, Utah	C 15	3.15	Aug. 12, 1964	5,630	1,790

Table 3 — (Continued)

Number in figure 4	Stream and place of determination	Flood region and hydrologic area	Drainage area (sq mi)	Peak discharge		
				Date	Discharge	
					Cfs	Cfs per sq mi
	THE GREAT BASIN					
	Bear River basin					
291	Sleepy Hollow, tributary to Willow Creek, a tributary of Bear River, lat. 41° 47' 12", long. 112° 02' 14", at quarter corner between secs. 11 and 14, T. 12 N., R. 2 W., 3 mi northeast of Collinston, Utah	A 2	0.48	July 30, 1958	1,180	2,460
	Tributaries between Bear River and Weber River basins					
292	Great Salt Lake tributary near Willard, Utah	A 2	2.5	May 17, 1949	1,000	400
	Weber River basin					
293	Echo Cliff Wash, tributary to Echo Canyon Creek, in S ½ sec. 17, T. 3 N., R. 5 E., 600 feet upstream from mouth, 1⅔ mi northeast of Echo Junction, and 2 mi northeast of Echo, Utah	A 2	1.2	Aug. 12, 1961	1,080	900
294	Unnamed tributary to Round Valley Creek, tributary to Weber River, lat. 41° 03' 55", long. 111° 37' 33", 2½ mi east of Morgan, Utah	A 2	.12	Aug. 16, 1958	454	3,780
	Jordan River basin					
295	Phelps Canyon, tributary to Dry Creek, in NE ¼ SW ¼ sec. 28, T. 4 S., R. 2 E., 1,000 feet east of Utah Power and Light Co. power plant, and 2.5 mi northeast of Alpine, Utah	A 2	.41	Aug. 25, 1961	1,500	3,660
296	Perrys Hollow, in NE ¼ sec. 32, T. 1 N., R. 1 E., just upstream from Wasatch Boulevard and City Cemetery in Salt Lake City, Utah	A 2	.59	Aug. 19, 1945	1,800	3,050
	Great Salt Lake Desert					
297	Little Valley Wash, tributary to Great Salt Lake Desert, lat. 40° 10' 50", long. 113° 51' 35", 2 mi northeast of Gold Hill, Utah	B 8	.9	Aug. 19, 1959	2,570	2,860
	Tributaries between Great Salt Lake Desert and Bear River					
298	Hereford Canyon, tributary to Blue Spring Creek, in NE ¼ sec. 6, T. 11 N., R. 5 W., ½ mi upstream from bridge on County road, 5 mi south of Howell, and 22 mi northwest of Corinne, Utah	B 8	22	Sept. 18, 1961	1,020	46.4
299	Blue Spring Creek, tributary to Great Salt Lake in SW ¼ sec. 32, T. 11 N., R. 5 W., at bridge on State Highway 83, 3 mi southwest of Thiokol Chemical Corp. plant, and 18 mi northwest of Corinne, Utah	B 8	230	Sept. 18, 1961	3,010	13.1
	Sevier Lake basin					
300	Rock Canyon, tributary to Sevier River, lat. 37° 32', long. 112° 26', 2 mi upstream from mouth and 3 mi north of Hatch, Utah	B 3	36	Aug. 2, 1959	5,230	145
301	Tenmile Creek, tributary to Sevier River, in NW ¼ sec. 28, T. 28 S., R. 3 W., on U.S. Highway 89, 7 mi south of Marysvale, Utah	B 3	9.9	Sept. 6, 1960	937	94.6
302	Twist Canyon, tributary to Sevier River, in SW ¼ sec. 16, T. 24 S., R. 2 W., 1.4 mi east of Annabella, Utah	B 3	2.57	Aug. 17, 1965	4,930	1,920
303	Mill Canyon, tributary to Sevier River, in SW ¼ sec. 1, T. 24 S., R. 2 W., 1 mi south of fish hatchery, ¼ mi upstream from retention dam, and 1 3/4 mi southeast of Glenwood, Utah	B 3	12	Sept. 5, 1960	3,620	302
304	South Coal Fork, tributary to Pleasant Creek, in SW ¼ sec. 16, T. 15 S., R. 5 E., about 500 feet upstream from mouth and 5½ mi southeast of Mount Pleasant, Utah	B 3	1.2	Aug. 25, 1961	3,310	2,760
	Escalante Valley					
305	Tributary to Little Pinto Creek, in SW ¼ sec. 8, T. 37 S., R. 14 W., 3/4 mi upstream from mouth and 3/4 mi south of Old Irontown, Utah	B 3	.3	Aug. 11, 1964	2,630	8,770
306	Joel Wash, tributary to The Dry Wash, in NW ¼ sec. 29, T. 36 S., R. 14 W., 1 mi upstream from mouth, 3 mi northwest of Columbia Steel Mine, and 6 mi east of Newcastle, Utah	B 3	12.3	Aug. 11, 1964	2,470	201
	Cedar City Valley					
307	Fiddlers Canyon, tributary to Cedar City Valley, in NW ¼ sec. 31, T. 35 S., R. 10 W., 1¼ mi east of U.S. Highway 91, and 2 3/4 mi northeast of Cedar City, Utah	B 3	7.8	Aug. 17, 1965	4,730	606
308	Dry Canyon, tributary to Coal Creek, in NE ¼ sec. 12, T. 36 S., R. 11 W., 1 mi east of Cedar City, Utah cemetery	B 3	.9	Aug. 17, 1965	3,670	4,080
309	Coal Creek tributary, in NE ¼ sec. 13, T. 36 S., R. 11 W., 300 feet upstream from mouth and 1 mi east of Cedar City, Utah	B 3	.13	Aug. 17, 1965	300	2,310

1/ Materially affected by rain on snow.
2/ Caused by failure of dam.

Table 4.–Discharge from the Colorado River Basin and the Great Basin in Utah, in cubic feet per second per square mile, indicated by envelope curves

Drainage area (sq mi)	Colorado River Basin		The Great Basin		Drainage area (sq mi)	Colorado River Basin		The Great Basin	
	Rainfall	Snowmelt	Rainfall	Snowmelt		Rainfall	Snowmelt	Rainfall	Snowmelt
0.3	3,100		8,770		200	100	27	16	21
.4	2,900		7,200		300	68	20	8.4	12
.5	2,800		6,200		400	52	16	6.6	9.4
.6	2,700		5,500		500	42	14	5.1	8.0
.7	2,600		5,000		600	36	12	4.1	7.1
.8	2,500		4,600		700	31	11	3.4	6.5
.9	2,450		4,200		800	28	9.9	3.0	6.1
1.0	2,400	71	3,900	31	900	25	9.0	2.6	5.8
1.5	2,200	70	3,000	31	1,000	23	8.4	2.4	5.6
2.0	2,050	70	2,400	31	1,500	16	6.3	1.7	5.1
3.0	1,800	69	1,700	31	2,000	13	5.3	1.4	4.9
4.0	1,700	69	1,300	31	3,000	10	4.5	1.1	4.1
5.0	1,550	68	1,050	31	4,000	8.5	4.3		3.2
6.0	1,450	68	880	31	5,000	7.6	4.1		2.5
7.0	1,380	67	760	31	6,000	7.1	4.0		1.9
8.0	1,300	67	660	31	7,000	6.7	3.9		1.5
9.0	1,240	67	590	31	8,000	6.4	3.8		
10	1,170	66	530	31	9,000	6.2	3.8		
15	920	65	360	31	10,000	6.1	3.7		
20	760	64	280	31	15,000	5.6	3.5		
30	560	63	180	30	20,000	5.3	3.3		
40	440	62	130	30	30,000	4.9	3.0		
50	360	60	99	30	40,000	4.4	2.8		
60	310	59	77	30	50,000	4.1	2.7		
70	270	55	63	29	60,000	3.8	2.5		
80	240	51	52	29	70,000	3.5	2.4		
90	210	47	44	29	80,000	3.3	2.3		
100	190	44	39	29	90,000	3.1	2.2		
150	130	33	23	27	100,000	2.9	2.1		
					110,000	2.8	2.0		

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(*)--Out of Print

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