

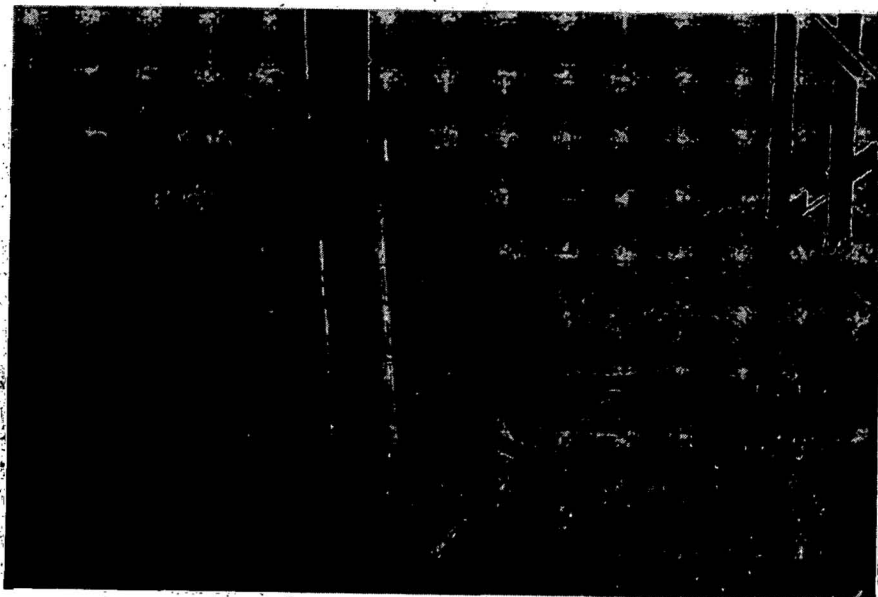
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ANNUAL PEAK DISCHARGES FROM SMALL DRAINAGE AREAS IN MONTANA

FOR STATIONS DISCONTINUED BEFORE 1978

U.S. GEOLOGICAL SURVEY

→ Open-File Report 79-510



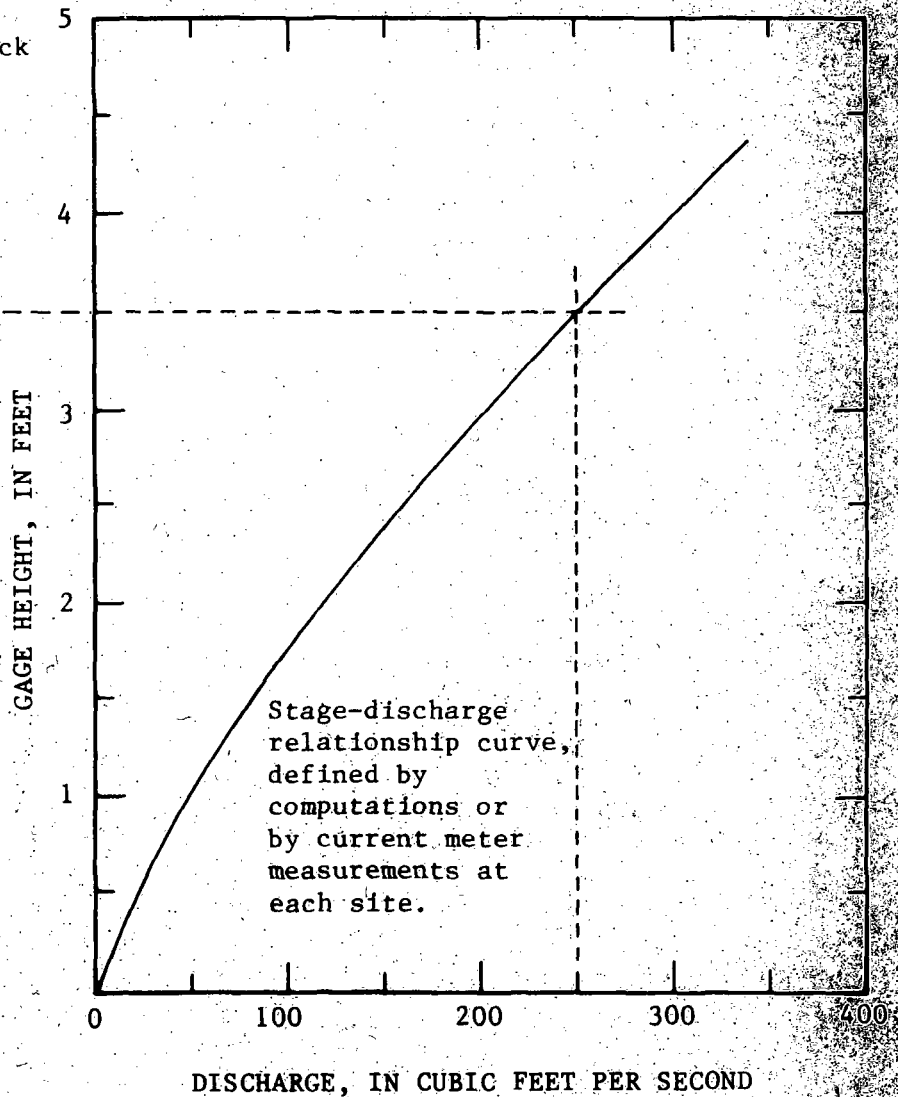
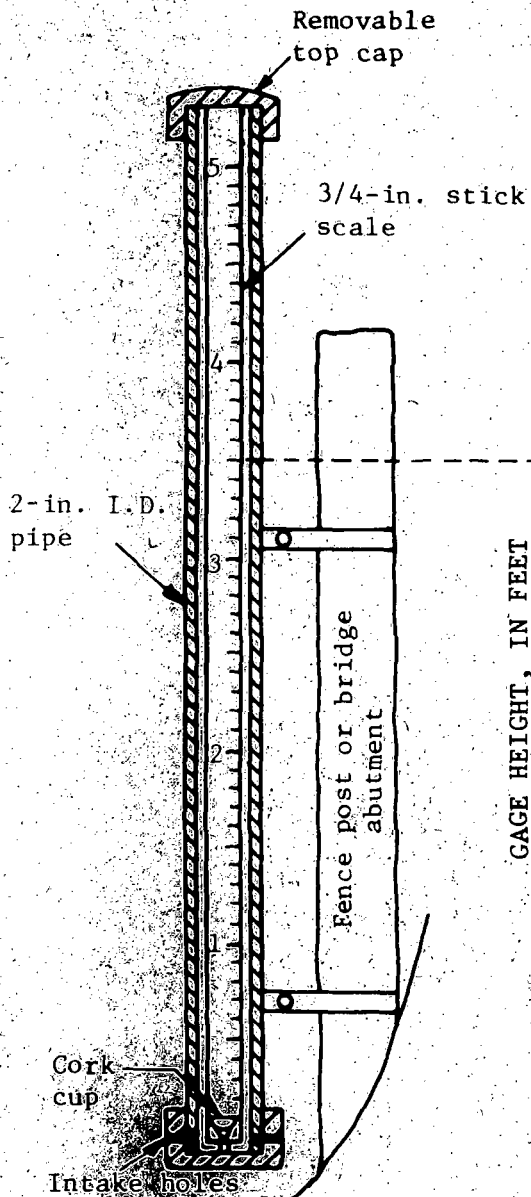
**UNIVERSITY OF UTAH
RESEARCH INSTITUTE
EARTH SCIENCE LAB.**

Prepared for the
STATE OF MONTANA, DEPARTMENT OF HIGHWAYS
PLANNING AND RESEARCH BUREAU
in cooperation with the
U.S. Department of Transportation,
Federal Highway Administration, and the
U.S. Department of Agriculture, Forest Service

CREST-STAGE GAGE DIAGRAM AND EXAMPLE

Water enters the intake holes and deposits a cork line on the stick scale at maximum stage.

EXAMPLE: cork deposited at gage height 3.50 feet; thus Q equals 250 cubic feet per second



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ANNUAL PEAK DISCHARGES FROM SMALL DRAINAGE
AREAS IN MONTANA FOR STATIONS DISCONTINUED BEFORE 1978

by

R. J. Omang, J. A. Hull, and Charles Parrett

Open-File Report 79-510

The opinions, findings, and conclusions expressed in this publication are those of the U.S. Geological Survey and not necessarily those of the State of Montana-Department of Highways or the Federal Highway Administration.

Helena, Montana
May 1979

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METRIC CONVERSION TABLE

The following factors may be used to convert the inch-pound units published herein to the International System (SI) of metric units.

<u>Multiply inch-pound units</u>	<u>By</u>	<u>To obtain SI units</u>
	<u>Length</u>	
foot (ft)	0.3048	meter (m)
inch (in.)	25.40	millimeter (mm)
mile (mi)	1.609	kilometer (km)
	<u>Area</u>	
square mile (mi ²)	2.590	square kilometer (km ²)
	<u>Flow</u>	
cubic foot per second (ft ³ /s)	.02832	cubic meter per second (m ³ /s)

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INTRODUCTION

A program to investigate the magnitude and frequency of floods from small drainage areas in Montana was begun July 1, 1955. Originally 45 crest-stage gage stations were established. The program was expanded to 152 stations in 1959, and to 216 stations in 1963. About 214 stations were operated from 1963 to 1967, 199 from 1968 through mid 1970, and 193 from mid 1970 through 1973.

In 1973 the program was evaluated. The evaluation indicated that about 100 new stations should be established to increase the density of the network of stations, 62 existing stations should be continued for long-term record, and all other stations should be discontinued upon collection of 15 years of record. From 1955 through September 1977, 156 stations were discontinued. This report is a tabulation, by water year, of the annual peak stage and discharge at each discontinued crest-stage gage station. The locations of these discontinued stations are shown on figure 1.

The annual summary of program activities and peak stage and discharge at currently operated stations is being published separately this year. Hereafter, the annual report will not contain discontinued-station data.

The program of peak stage and discharge measurement is maintained by the U.S. Geological Survey in cooperation with the Montana Department of Highways, Planning and Research Bureau, and the U.S. Forest Service. The U.S. Department of Transportation, Federal Highway Administration, cooperates by reimbursing the Department of Highways for about 80 percent of the Department's costs of this program.

PURPOSE OF THE PROGRAM

The purpose of the program is to collect sufficient peak-flow data to permit development of methods for estimating the magnitude and frequency of floods at any point in Montana. The ultimate objective is to determine methods for estimating the 1-percent-chance flood (one having a 100-year recurrence interval) with the reliability needed for road design. Reliability depends in part on the definition of regional boundaries, which need to be defined from a relatively dense network of crest-stage stations.

A part of the program has been fulfilled by a report¹ based on data collected from 1955 through 1966. That report presents a method for determining the magnitude of floods having 10-year and 25-year recurrence intervals for drainage areas of less than 100 mi².

A second report² released in January 1976 gives methods for estimating magnitude and frequency of floods up to 100-year recurrence interval. This report does not meet the ultimate objective because the standard errors of

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- ¹ Boner, F. C., and Omang, R. J., 1967, Magnitude and frequency of floods from drainage areas less than 100 square miles in Montana: U.S. Geological Survey open-file report, 23 p.
 - ² Johnson, M. V., and Omang, R. J., 1976, A method for estimating magnitude and frequency of floods in Montana: U.S. Geological Survey Open-File Report 75-650, 35 p.

estimate are high and the reliability low. The increased density of the network of stations should help define areal boundaries better and, thus, improve reliability.

PROGRAM OPERATION

At each station one or more standard Geological Survey crest-stage gages record the maximum stage reached by the water surface (see sketch inside front cover). Many stations are located at highway culverts, which are used as control structures for rating the peak discharge. If the peak discharge is not measured, it can be computed from the shape of the channel near the culvert, the culvert geometry, and the water-surface profile upstream and downstream from the culvert at the time of the peak flow. The water-surface profile, obtained from marks recorded on the crest-stage gages, is usually supplemented by nearby high-water marks along the stream channel.

Flow records for continuous-record gaging stations, which are a part of other cooperative programs, supplement the crest-stage network. The continuous-record stations help establish the date of recorded peak stages and help detect peaks at times when the crest-stage gages may not have been functioning properly. Climatological data published by the National Weather Service are also used to help determine the dates of peak discharge.

The crest-stage gage stations provide information from drainage areas that range in size from less than 1 mi² to several hundred square miles. The areas represent various hydrologic conditions.

PRESENTATION OF DATA

All discontinued stations are listed in downstream order. Those in the Missouri River basin (Part 6) are listed first, followed by those in the

Columbia River basin (Part 12). The part number is the identification numeral of the river basin as used in U.S. Geological Survey water-supply papers. Each station description includes the permanent station number, name, location, hydrologic unit code (see fig. 2), drainage area, period of record, type of gage, and altitude of gage. Following the description, the annual maximum gage height (or stage) and discharge are listed for each water year of record. The date given for each annual peak is as near the actual day on which the peak flow occurred as can be determined from available data.

Annual peak discharge values are not always given in the listings. A peak discharge listing of "unknown" means a reliable figure is not available.

Explanation of the footnotes used in the station data tabulations are listed below.

^a About.

^b Backwater.

^c No evidence of flow during year.

^d Maximum observed.

^e Prior to installation of gage.

^f Peak discharge did not reach bottom of gage.

^g May have been greater April 1, during ice period.

^h Maximum daily.

ⁱ Maximum recorded.

^j Backwater from Pumpkin Creek.

^k Peak flow occurred sometime during period May-June.

STATION DATA

MISSOURI RIVER BASIN

06011400 Long Creek near Lakeview, MT

Location.--Lat 44°42'49", long 112°04'34", in SE1/4 sec.10, T.13 S., R.4 W., Beaverhead County, Hydrologic Unit 10020001, at bridge on county road, 15 mi (24.1 km) northwest of Lakeview.

Drainage area.--36.0 mi² (93.2 km²).

Records available.--May 1959 to September 1967.

Gage.--Crest-stage gage installed May 12, 1959. Altitude of gage is 6,800 ft (2,070 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1960	Apr. 6, 1960	3.17	235
1961	Apr. 17, 1961	1.00	48
1962	Apr. 27, 1962	3.42	265
1963	June 14, 1963	1.54	83
1964	May 14, 1964	2.72	196
1965	Apr. 29, 1965	2.48	178
1966	Apr. 11, 1966	1.86	128
1967	May 11, 1967	2.23	140

06011900 Red Rock River tributary near Monida, MT

Location.--Lat 44°35'00", long 112°15'00", in SE1/4 sec.30, T.14 S., R.5 W., Beaverhead County, Hydrologic Unit 10020001, at county road, 3 mi (4.8 km) east of Monida.

Drainage area.--0.37 mi² (0.96 km²).

Records available.--May 1959 to September 1967.

Gage.--Crest-stage gage installed May 12, 1959. Altitude of gage is 6,750 ft (2,060 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1960	Apr. 6, 1960	--	a 3
1961	Apr. 17, 1961	b1.08	a 2
1962	Apr. 19, 1962	b2.74	a 15
1963	April 1963	-.01	1
1964	Apr. 29, 1964	b3.20	a 10
1965	Apr. 24, 1965	b3.76	a 2
1966	Apr. 12, 1966	b3.58	a 5
1967	May 11, 1967	b3.10	a 5

06013200 Traux Creek near Lima, MT

Location.--Lat 44°37'05", long 112°34'00", in NW1/4 sec.15, T.14 S., R.8 W., Beaverhead County, Hydrologic Unit 10020001, at culvert 300 ft (91 m) upstream from Interstate Highway 15 and U.S. Highway 91, 2 mi (3.2 km) southeast of Lima.

Drainage area.--4.06 mi² (10.5 km²).

Records available.--May 1959 to September 1974.

Gage.--Crest-stage gage installed May 12, 1959. Altitude of gage is 6,350 ft (1,940 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1960	March 1960	0.24	18
1961	Mar. 14, 1961	.35	20
1962	Apr. 19, 1962	.85	28
1963	March 1963	--	1
1964	April 1964	.06	14
1965	Apr. 1, 1965	.75	26
1966	Mar. 28, 1966	.71	1
1967	July 30, 1967	-.59	1
1968	Apr. 11, 1968	^b -.63	.1
1969	Mar. 17, 1969	^b .66	2
1970	May 1970	.57	23
1971	June 2, 1971	--	.1
1972	--	--	(c)
1973	Apr. 26, 1973	^b 2.05	^a 11
1974	Apr. 25, 1974	.57	23

06013400 Muddy Creek near Dell, MT

Location.--Lat 44°38'20", long 112°48'25", in SW1/4 sec.3, T.14 S., R.10 W., Beaverhead County, Hydrologic Unit 10020001, 0.5 mi (0.8 km) upstream from mouth, 8 mi (12.9 km) southwest of Dell.

Drainage area.--63.4 mi² (164 km²).

Records available.--May 1959 to September 1974.

Gage.--Crest-stage gage installed May 12, 1959. Altitude of gage is 6,570 ft (2,000 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1960	July 6, 1960	2.70	85
1961	Apr. 3, 1961	2.47	68
1962	Apr. 2, 1962	3.72	197
1963	June 7, 1963	1.22	14
1964	May 15, 1964	2.47	68
1965	Apr. 1, 1965	3.83	112
1966	Mar. 30, 1966	b 2.70	a 40
1967	June 11, 1967	1.97	25
1968	Sept. 20, 1968	1.59	17
1969	April 1969	4.52	185
1970	Aug. 30, 1970	4.18	110
1971	Apr. 8, 1971	3.06	45
1972	Apr. 1, 1972	3.69	75
1973	May 5, 1973	3.41	60
1974	Apr. 25, 1974	2.95	50

06013900 Sage Creek tributary near Dell, MT

Location.--Lat 44°44'27", long 112°37'08", in SE1/4 sec.31, T.12 S., R.8 W., Beaverhead County, Hydrologic Unit 10020001, at bridge on county road, 4 mi (6.4 km) east of Dell.

Drainage area.--0.43 mi² (1.11 km²).

Records available.--May 1959 to September 1967.

Gage.--Crest-stage gage installed May 12, 1959. Altitude of gage is 6,300 ft (1,920 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1960	March 1960	b 0.13	a 1
1961	September 1961	--	a 1
1962	Apr. 2, 1962	b .92	a 1
1963	March 1963	--	a 1
1964	April 1964	b .50	a 1
1965	April 1965	b .72	a 1
1966	--	--	(c)
1967	July 18, 1967	1.05	a 1

06015500 Grasshopper Creek near Dillon, MT

Location.--Lat 45°06'40", long 112°48'00", in SW1/4 NW1/4 sec.26, T.8 S., R.10 W., Beaverhead County, Hydrologic Unit 10020002, on left bank 1.2 mi (1.9 km) upstream from mouth and 11 mi (17.7 km) southwest of Dillon.

Drainage area.--348 mi² (901 km²).

Records available.--March 1921 to September 1929, April 1930 to June 1933, October 1945 to December 1953, March 1955 to September 1958, October 1959 to September 1961 (continuous record), October 1961 to September 1973, 1975.

Gage.--Crest-stage gage installed Oct. 11, 1961. Water-stage recorder, chain or staff gages prior to October 1961. Altitude of gage is 5,350 ft (1,630 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1921	June 10, 1921	6.60	d 516
1922	May 28, 1922	6.48	d 543
1923	June 23, 1923	5.68	d 283
1924	Apr. 13, 1924	5.05	d 120
1925	June 5, 1925	6.52	d 557
1926	July 8, 1926	5.52	d 197
1927	June 12, 1927	6.2	d 355
1928	May 13, 1928	6.10	d 327
1929	June 18, 1929	5.45	d 172
1931	Apr. 4, 1931	5.02	d 85
1932	June 7, 1932	6.06	d 322
1946	May 29, 1946	2.78	160
1947	Mar. 17, 1947	4.44	640
1948	June 4, 1948	4.51	719
1949	June 2, 1949	3.46	324
1950	June 23, 1950	3.22	252
1951	Mar. 22, 1951	4.11	559
1952	May 16, 1952	3.20	257
1953	June 3, 1953	4.51	719
1955	June 30, 1955	3.39	328
1956	Mar. 24, 1956	6.47	1,870
1957	May 21, 1957	3.75	433
1958	June 5, 1958	4.16	579
1960	Mar. 25, 1960	4.06	539
1961	June 14, 1961	3.14	252
1962	Mar. 27, 1962	3.83	450
1963	Feb. 3, 1963	^b 4.61	465
1964	June 9, 1964	4.16	539
1965	July 1, 1965	4.82	635
1966	Mar. 30, 1966	3.02	180
1967	June 11, 1967	5.17	730
1968	June 9, 1968	3.75	435
1969	Apr. 1, 1969	6.17	1,140
1970	June 10, 1970	3.90	400
1971	June 2, 1971	4.21	465
1972	June 9, 1972	4.63	585
1973	Apr. 13, 1973	2.40	105
1975	June 19, 1975	5.71	970

06016900 Beaverhead River tributary near Dillon, MT

Location.--Lat 45°13'18", long 112°41'05", in SE1/4 sec.15, T.7 S., R.9 W., Beaverhead County, Hydrologic Unit 10020002, 250 ft (76 m) upstream from settling basin, 2 mi (3.2 km) west of Dillon.

Drainage area.--0.93 mi² (2.41 km²).

Records available.--May 1959 to September 1974.

Gage.--Crest-stage gage installed May 11, 1959. Altitude of gage is 5,250 ft (1,600 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1960	Mar. 18, 1960	0.32	^a 3
1961	--	--	(c)
1962	Feb. 2, 1962	.02	^a 2
1963	Feb. 3, 1963	.20	^a 11
1964	--	--	(c)
1965	Mar. 30, 1965	-.51	.1
1966	Sept. 4, 1966	-.41	^a .2
1967	June 11, 1967	.37	^a 15
1968	February 1968	-.28	^a .2
1969	Mar. 27, 1969	.37	19
1970	--	--	(c)
1971	--	--	(c)
1972	--	--	(c)
1973	--	--	(c)
1974	--	--	(c)

06018200 Beaverhead River tributary No. 2 near Dillon, MT

Location.--Lat 45°19'07", long 112°31'40", in NW1/4 sec.13, T.6 S., R.8 W., Beaverhead County, Hydrologic Unit 10020002, at culvert on State Highway 41, 9 mi (14.5 km) northeast of Dillon.

Drainage area.--0.88 mi² (2.28 km²).

Records available.--May 1959 to September 1965.

Gage.--Crest-stage gage installed May 7, 1959. Altitude of gage is 4,970 ft (1,520 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>(Discharge (ft³/s))</u>
1958	June 24, 1958	5.04	170
1959	--	--	(c)
1960	Mar. 19, 1960	.41	3
1961	June 12, 1961	.36	2.5
1962	--	--	(c)
1963	Sept. 2, 1963	.30	2
1964	June 27, 1964	.29	2
1965	August 1965	.40	3

06025300 Moose Creek near Divide, MT

Location.--Lat 45°42'21", long 112°42'15", in NW1/4 sec.34, T.1 S., R.9 W., Silver Bow County, Hydrologic Unit 10020004, at culverts on Interstate Highway 15 and U.S. Highway 91, 3.5 mi (5.6 km) southeast of Divide.

Drainage area.--42.3 mi² (110 km²).

Records available.--May 1959 to September 1974.

Gage.--Crest-stage gage installed May 11, 1959. Altitude of gage is 5,430 ft (1,660 m) from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1960	May 7, 1960	1.62	90
1961	Apr. 4, 1961	.79	39
1962	Apr. 19, 1962	1.89	108
1963	May 22, 1963	2.66	165
1964	June 8, 1964	1.41	77
1965	June 17, 1965	2.06	122
1966	Mar. 30, 1966	1.20	64
1967	June 11, 1967	2.60	180
1968	June 1, 1968	1.59	118
1969	June 10, 1969	1.72	128
1970	May 17, 1970	2.08	158
1971	May 12, 1971	1.25	91
1972	May 8, 1972	1.10	58
1973	June 29, 1973	1.62	90
1974	Apr. 26, 1974	2.54	130

06030200 Jefferson River tributary near Whitehall, MT

Location.--Lat 45°52'42", long 111°59'38", in SE1/4 sec.32, T.2 N., R.3 W., Jefferson County, Hydrologic Unit 10020005, at culvert on Interstate Highway 90 and U.S. Highway 10, 5 mi (8 km) east of Whitehall.

Drainage area.--1.85 mi² (4.79 km²).

Records available.--May 1959 to September 1975.

Gage.--Crest-stage gage installed May 6, 1959. Altitude of gage is 4,340 ft (1,320 m), from topographic map.

06030200 Jefferson River tributary near Whitehall, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1960	--	--	(c)
1961	--	--	(c)
1962	Aug. 29, 1962	^a 0.2	3
1963	Feb. 2, 1963	1.03	17
1964	Aug. 19, 1964	.97	16
1965	Aug. 22, 1965	1.21	22
1966	--	--	(c)
1967	June 22, 1967	--	a1
1968	--	--	(c)
1969	Mar. 17, 1969	^a .1	2
1970	--	--	(c)
1971	--	--	(c)
1972	--	--	(c)
1973	--	--	(c)
1974	Aug. 20, 1974	1.20	21
1975	July 31, 1975	3.09	107

06034700 Sand Creek at Sappington, MT

Location.--Lat 45°47'27", long 111°45'21", in SW1/4 sec.32, T.1 N., R.1 W., Gallatin County, Hydrologic Unit 10020005, 0.8 mi (1.3 km) southeast of Sappington.

Drainage area.--9.41 mi² (24.4 km²).

Records available.--May 1959 to September 1974.

Gage.--Crest-stage gage installed May 6, 1959. Altitude of gage is 4,240 ft (1,290 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1960	Apr. 9, 1960	1.36	50
1961	Aug. 14, 1961	2.0	124
1962	Aug. 25, 1962	5.4	2,130
1963	Feb. 3, 1963	2.73	380
1964	--	--	(c)
1965	Aug. 22, 1965	1.16	105
1966	July 3, 1966	.87	80
1967	--	--	(c)
1968	Feb. 19, 1968	.43	49
1969	Mar. 18, 1969	.52	55
1970	Apr. 5, 1970	.18	41
1971	--	--	(c)
1972	Feb. 18, 1972	--	2
1973	Mar. 17, 1973	--	2
1974	Jan. 15, 1974	-.37	6

06034800 Jefferson River tributary No. 3 near Sappington, MT

Location.--Lat 45°50'02", long 111°41'53", in SW1/4 sec.14, T.1 N., R.1 W., Jefferson County, Hydrologic Unit 10020005, at culvert on Interstate Highway 90 and U.S. Highway 10, 4 mi (6.4 km) northeast of Sappington.

Drainage area.--1.14 mi² (2.95 km²).

Records available.--May 1959 to September 1974.

Gage.--Crest-stage gage installed May 6, 1959. Altitude of gage is 4,200 ft (1,280 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1960	Feb. 1, 1960	0.10	0.1
1961	Aug. 14, 1961	.95	12
1962	Mar. 6, 1962	.65	6
1963	Feb. 2, 1963	b 3.43	a 50
1964	--	--	(c)
1965	April 1965	.16	.5
1966	July 3, 1966	4.09	96
1967	--	--	(c)
1968	Feb. 19, 1968	.83	10
1969	Mar. 18, 1969	b 1.96	a 1
1970	--	--	(c)
1971	--	--	(c)
1972	Feb. 23, 1972	--	.5
1973	Mar. 17, 1973	--	.1
1974	--	--	(c)

06036600 Jefferson River tributary No. 4 near Three Forks, MT

Location.--Lat 45°53'42", long 111°36'34", in SW1/4 sec.28, T.2 N., R.1 E., Broadwater County, Hydrologic Unit 10020005, at culverts on Interstate Highway 90 and U.S. Highway 10, 3 mi (4.8 km) west of Three Forks.

Drainage area.---0.53 mi² (1.37 km²).

Records available.--May 1959 to September 1974.

Gage.--Crest-stage gage installed May 6, 1959. Altitude of gage is 4,140 ft (1,260 m), from topographic map.

06036600 Jefferson River tributary No. 4 near Three Forks, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1960	--	--	(c)
1961	--	--	(c)
1962	Mar. 6, 1962	^b 0.75	a 3
1963	Feb. 2, 1963	.74	a 7
1964	Aug. 19, 1964	.62	a 6
1965	February 1965	.18	a 1.5
1966	July 3, 1966	.73	7
1967	Aug. 5, 1967	.62	a 6
1968	July 7, 1968	1.00	10
1969	Mar. 27, 1969	.26	a 2
1970	--	--	(c)
1971	Jan. 17, 1971	.10	1
1972	--	--	(c)
1973	--	--	(c)
1974	Jan. 14, 1974	.00	1

06036700 Jefferson River tributary No. 5 near Three Forks, MT

Location.--Lat 45°54'34", long 111°35'53", in NE1/4 sec.21, T.2 N., R.1 E., Broadwater County, Hydrologic Unit 10020005, at culvert on State Highway 287, 3 mi (4.8 km) west of Three Forks.

Drainage area.--3.69 mi² (9.56 km²).

Records available.--May 1959 to September 1974.

Gage.--Crest-stage gage installed May 6, 1959. Altitude of gage is 4,120 ft (1,260 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1960	--	--	(c)
1961	--	--	(c)
1962	Mar. 6, 1962	0.61	28
1963	Feb. 2, 1963	.61	28
1964	--	--	(c)
1965	Aug. 22, 1965	2.56	153
1966	July 3, 1966	-.04	6
1967	--	--	(c)
1968	Feb. 19, 1968	.85	39
1969	Mar. 18, 1969	^b 1.07	a 40
1970	--	--	(c)
1971	Jan. 17, 1971	(f)	a 1
1972	--	--	(c)
1973	--	--	(c)
1974	--	--	(c)

06043200 Squaw Creek near Gallatin Gateway, MT

Location.--Lat 45°26'28", long 111°13'20", in SW1/4 sec.34, T.4 S., R.4 E., Gallatin County, Hydrologic Unit 10020008, at private bridge 10 mi (16.1 km) south of Gallatin Gateway.

Drainage area.--40.4 mi² (105 km²).

Records available.--May 1959 to September 1975.

Gage.--Crest-stage gage installed May 5, 1959. Altitude of gage is 5,400 ft (1,650 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1959	June 7, 1959	2.20	^a 420
1960	May 12, 1960	1.66	147
1961	May 26, 1961	1.47	200
1962	June 13, 1962	1.34	168
1963	June 15, 1963	1.49	208
1964	June 8, 1964	1.44	195
1965	June 15, 1965	1.87	320
1966	May 6, 1966	1.08	136
1967	May 24, 1967	1.30	222
1968	June 30, 1968	2.02	560
1969	June 25, 1969	1.05	200
1970	May 9, 1970	2.25	690
1971	June 27, 1971	1.63	260
1972	June 2, 1972	1.44	205
1973	May 20, 1973	1.95	360
1974	June 16, 1974	2.36	480
1975	June 16, 1975	1.75	300

06046700 Pitcher Creek near Bozeman, MT

Location.-- Lat 45°39'21", long 110°56'22", in NW1/4 sec.24, T.2 S., R.6 E., Gallatin County, Hydrologic Unit 10020008, at culvert on county road, 5 mi (8.0 km) east of Bozeman.

Drainage area.--2.33 mi² (6.03 km²).

Records available.--1951-53 (miscellaneous measurements of base flow only), May 1959 to September 1975.

Gage.--Crest-stage gage installed May 6, 1959. Altitude of gage is 5,040 ft (1,540 m), from topographic map.

06046700 Pitcher Creek near Bozeman, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1960	May 13, 1960	1.25	14
1961	May 27, 1961	.03	1
1962	Apr. 24, 1962	.89	9
1963	Apr. 27, 1963	1.16	13
1964	May 17, 1964	.97	10
1965	May 16, 1965	2.10	19
1966	June 10, 1966	.73	7
1967	May 8, 1967	1.81	12
1968	May 22, 1968	2.44	20
1969	June 26, 1969	2.33	20
1970	May 9, 1970	2.55	26
1971	Apr. 24, 1971	3.10	60
1972	May 22, 1972	.57	5
1973	May 14, 1973	2.93	27
1974	May 30, 1974	1.08	9
1975	May 11, 1975	3.54	70

06047000 Bear Canyon near Bozeman, MT

Location.--Lat 45°37'35", long 110°55'45", in NW1/4 sec.36, T.2 S., R.6 E., Gallatin County, Hydrologic Unit 10020008, 6 mi (9.7 km) southeast of Bozeman.

Drainage area.--17.0 mi² (44.0 km²).

Records available.--November 1951 to September 1953 (continuous record), May 1959 to September 1973, 1975.

Gage.--Water-stage recorder re-installed May 5, 1959. Datum of gage is 5,183.4 ft (1,579.9 m) above mean sea level, datum of 1929 (unadjusted).

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1952	May 26, 1952	2.84	149
1953	June 3, 1953	3.40	360
1959	May 1, 1959	2.2	a 150
1960	May 12, 1960	2.62	202
1961	May 22, 1961	1.77	46
1962	July 14, 1962	2.74	175
1963	May 9, 1963	2.43	110
1964	May 20, 1964	2.56	134
1965	May 16, 1965	2.61	145
1966	May 10, 1966	2.26	82
1967	June 7, 1967	2.45	162
1968	May 22, 1968	2.53	128
1969	June 26, 1969	3.35	217
1970	May 21, 1970	3.90	370
1971	May 2, 1971	1.28	137
1972	May 22, 1972	.76	53
1973	May 14, 1973	1.74	146
1975	May 11, 1975	2.57	275

06056200 Castle Creek tributary near Ringling, MT

Location.--Lat 46°21'21", long 111°05'20", in NE1/4 sec.21, T.7 N., R.5 E., Broadwater County, Hydrologic Unit 10030101, at culverts on U.S. Highway 12, 15 mi (24.1 km) northwest of Ringling.

Drainage area.--2.51 mi² (6.50 km²).

Records available.--May 1959 to September 1974.

Gage.--Crest-stage gage installed May 22, 1959. Altitude of gage is 5,400 ft (1,650 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1960	May 4, 1960	1.45	23
1961	Apr. 25, 1961	.91	12
1962	Apr. 19, 1962	2.74	28
1963	Feb. 4, 1963	.81	11
1964	May 1, 1964	2.99	35
1965	May 1, 1965	2.88	27
1966	May 3, 1966	1.03	12
1967	May 23, 1967	3.01	35
1968	June 7, 1968	1.19	13
1969	Apr. 23, 1969	1.58	16
1970	May 19, 1970	3.70	47
1971	May 3, 1971	^b 2.98	22
1972	Mar. 22, 1972	1.32	16
1973	Apr. 30, 1973	--	2
1974	Apr. 25, 1974	3.38	35

06056600 Deep Creek below North Fork Deep Creek, near Townsend, MT

Location.--Lat 46°19'29", long 111°17'32", in SE1/4 sec.25, T.7 N., R.3 E., Broadwater County, Hydrologic Unit 10030101, at bridge on county road, 11 mi (17.7 km) east of Townsend.

Drainage area.--87.7 mi² (227 km²).

Records available.--May 1959 to September 1973, 1975.

Gage.--Crest-stage gage installed May 18, 1959. Altitude of gage is 4,510 ft (1,380 m), from topographic map.

06056600 Deep Creek below North Fork Deep Creek, near Townsend, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1959	June 7, 1959	2.15	290
1960	June 4, 1960	2.00	254
1961	May 24, 1961	1.60	83
1962	May 22, 1962	1.66	175
1963	June 2, 1963	1.89	170
1964	May 18, 1964	2.33	329
1965	May 1, 1965	1.98	216
1966	May 5, 1966	2.13	290
1967	June 13, 1967	2.43	305
1968	May 26, 1968	1.88	180
1969	May 25, 1969	2.09	155
1970	May 19, 1970	4.88	445
1971	May 3, 1971	3.12	180
1972	June 2, 1972	3.08	210
1973	May 25, 1973	1.76	60
1975	May 17, 1975	3.65	415

06061700 Jackson Creek near East Helena, MT

Location.--Lat 46°28'20", long 111°51'10", in SE1/4 sec.4, T.8 N., R.2 W., Jefferson County, Hydrologic Unit 10030101, 300 ft (91 m) upstream from mouth, 8.5 mi (13.7 km) southeast of East Helena.

Drainage area.--3.44 mi² (8.91 km²).

Records available.--June 1960 to September 1975.

Gage.--Staff gage installed June 22, 1960, and crest-stage gage installed July 8, 1960. Altitude of gage is 4,990 ft (1,520 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1960	--	--	Unknown
1961	May 1, 1961	1.48	4
1962	June 2, 1962	2.49	16
1963	June 4, 1963	2.21	12
1964	June 8, 1964	2.64	19
1965	June 25, 1965	2.34	14
1966	May 10, 1966	1.97	7
1967	June 8, 1967	2.73	20
1968	June 10, 1968	2.27	17
1969	June 25, 1969	2.51	15
1970	June 27, 1970	2.19	10
1971	June 4, 1971	2.12	9
1972	May 22, 1972	2.16	9
1973	June 14, 1973	1.74	4
1974	June 20, 1974	2.73	20
1975	June 19, 1975	2.98	25

06061800 Crystal Creek near East Helena, MT

Location.--Lat 46°29'00", long 111°51'40", in NW1/4 sec.4, T.8 N., R.2 W., Jefferson County, Hydrologic Unit 10030101, 0.2 mi (0.3 km) upstream from mouth, 8 mi (12.9 km) southeast of East Helena.

Drainage area.--3.77 mi² (9.76 km²).

Records available.--June 1960 to September 1975.

Gage.--Staff gage installed June 22, 1960, and crest-stage gage installed July 8, 1960. Altitude of gage is 4,860 ft (1,480 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1960	--	--	Unknown
1961	May 1, 1961	1.59	a 5
1962	June 2, 1962	1.55	11
1963	June 4, 1963	1.26	4
1964	June 8, 1964	1.64	21
1965	June 25, 1965	1.46	14
1966	May 10, 1966	1.32	9
1967	June 8, 1967	1.82	28
1968	June 9, 1968	1.35	12
1969	June 25, 1969	1.75	30
1970	May 5, 1970	1.34	12
1971	May 2, 1971	1.68	27
1972	May 22, 1972	1.07	3
1973	May 17, 1973	b 1.47	a 2
1974	June 4, 1974	1.26	9
1975	June 19, 1975	3.33	80

06061900 McClellan Creek at city diversion dam, near East Helena, MT

Location.--Lat 46°32'00", long 111°52'40", in SE1/4 sec.17, T.9 N., R.2 W., Jefferson County, Hydrologic Unit 10030101, 300 ft (91 m) upstream from diversion dam, 4.5 mi (7.2 km) southeast of East Helena.

Drainage area.--33.2 mi² (86.0 km²).

Records available.--June 1960 to September 1975.

Gage.--Staff gage installed June 23, 1960, and crest-stage gage installed July 7, 1960. Altitude of gage is 4,200 ft (1,280 m) from topographic map.

06061900 McClellan Creek at city diversion dam, near East Helena, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1960	^e May-June 1960	3.01	120
1961	May 27, 1961	.65	48
1962	June 2, 1962	1.48	175
1963	May 26, 1963	.95	87
1964	June 8, 1964	2.59	390
1965	June 25, 1965	1.72	220
1966	May 11, 1966	.93	85
1967	June 8, 1967	1.80	235
1968	June 9, 1968	1.73	222
1969	June 25, 1969	2.02	275
1970	May 5, 1970	1.33	150
1971	May 30, 1971	1.20	130
1972	June 3, 1972	.82	72
1973	May 17, 1973	.76	47
1974	Aug. 20, 1974	2.10	275
1975	June 19, 1975	2.33	340

06062700 Little Porcupine Creek tributary near Helena, MT

Location.--Lat 46°35'18", long 112°16'08", in SW1/4 sec.29, T.10 N., R.5 W., Lewis and Clark County, Hydrologic Unit 10030101, at culvert on U.S. Highway 12, 11 mi (17.7 km) west of Helena.

Drainage area.--0.39 mi² (1.01 km²).

Records available.--May 1959 to September 1973.

Gage.--Crest-stage gage installed May 14, 1959. Altitude of gage is 5,360 ft (1,630 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1959	June 6, 1959	0.45	1.5
1960	May 12, 1960	.39	1.2
1961	May 22, 1961	.17	.4
1962	June 2, 1962	.49	1.7
1963	May 20, 1963	.57	2.2
1964	June 8, 1964	1.17	5.9
1965	May 1, 1965	.60	3.0
1966	May 7, 1966	.28	1.4
1967	May 29, 1967	.74	3.8
1968	May 14, 1968	.39	1.2
1969	June 25, 1969	1.03	5.1
1970	May 5, 1970	.83	4.3
1971	May 2, 1971	.38	1.8
1972	May 14, 1972	3.31	16
1973	Apr. 23, 1973	-.20	.8

06071200 Lyons Creek near Wolf Creek, MT

Location.--Lat 46°56'19", long 112°07'28", in NE1/4 sec.29, T.14 N., R.4 W., Lewis and Clark County, Hydrologic Unit 10030101, 135 ft (42 m) upstream from mouth, 5.5 mi (8.8 km) southwest of Wolf Creek.

Drainage area.--29.9 mi² (77.4 km²).

Records available.--May 1959 to September 1973, 1975.

Gage.--Crest-stage gage installed May 15, 1959. Altitude of gage is 3,730 ft (1,140 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1959	June 6, 1959	0.81	63
1960	June 2, 1960	.81	63
1961	May 28, 1961	.12	13
1962	May 22, 1962	1.57	158
1963	Feb. 4, 1963	1.3	120
1964	June 8, 1964	3.80	490
1965	Apr. 22, 1965	1.55	155
1966	May 11, 1966	.69	41
1967	June 13, 1967	2.45	345
1968	June 9, 1968	1.02	75
1969	June 26, 1969	.84	57
1970	June 13, 1970	1.40	127
1971	May 30, 1971	1.57	150
1972	May 15, 1972	.87	73
1973	June 15, 1973	.46	25
1975	May 7, 1975	4.16	580

06071400 Dog Creek near Craig, MT

Location.--Lat 47°05'13", long 111°59'34", in NW1/4 sec.4, T.15 N., R.3 W., Lewis and Clark County, Hydrologic Unit 10030102, at bridge on county road, 2 mi (3.2 km) west of Craig.

Drainage area.--15.7 mi² (40.7 km²).

Records available.--May 1959 to September 1975.

Gage.--Crest-stage gage installed May 15, 1959. Altitude of gage is 3,660 ft (1,120 m), from topographic map.

06071400 Dog Creek near Craig, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1960	Mar. 19, 1960	0.41	^a 30
1961	May 30, 1961	4.40	1,160
1962	Mar. 17, 1962	2.42	114
1963	Feb. 3, 1963	2.05	70
1964	June 8, 1964	1.97	65
1965	Feb. 17, 1965	2.99	200
1966	Mar. 10, 1966	3.11	230
1967	June 12, 1967	2.37	65
1968	April 1968	--	^a 1
1969	Mar. 18, 1969	2.15	80
1970	June 13, 1970	.82	15
1971	Feb. 13, 1971	3.24	340
1972	--	--	(c)
1973	--	--	(c)
1974	Jan. 15, 1974	1.03	20
1975	May 7, 1975	3.68	437

06075600 Fivemile Creek near White Sulphur Springs, MT

Location.--Lat 46°36'40", long 110°45'36", in SW1/4 sec.20, T.10 N., R.8 E., Meagher County, Hydrologic Unit 10030103, at culvert on U.S. Highway 12, 8 mi (12.9 km) northeast of White Sulphur Springs.

Drainage area.--6.42 mi² (16.6 km²).

Records available.--May 1959 to September 1974.

Gage.--Crest-stage gage installed May 22, 1959. Altitude of gage is 5,380 ft (1,640 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1960	May 1, 1960	1.25	9
1961	--	--	(c)
1962	Mar. 27, 1962	1.38	11
1963	Feb. 4, 1963	2.06	^a 20
1964	June 8, 1964	1.16	8
1965	April 1965	1.86	17
1966	Mar. 30, 1966	^b 3.34	^a 15
1967	May 23, 1967	1.31	10
1968	June 9, 1968	1.38	7
1969	Apr. 4, 1969	^b 4.58	^a 13
1970	May 4, 1970	3.36	52
1971	May 3, 1971	3.11	46
1972	Mar. 18, 1972	2.38	26
1973	Apr. 27, 1973	^b 1.80	^a 1
1974	Jan. 15, 1974	2.08	18

06076000 Newland Creek near White Sulphur Springs, MT

Location.--Lat 46°43'46", long 110°50'38", near line between secs.9 and 10, T.11 N., R.7 E., Meagher County, Hydrologic Unit 10030103, 15 mi (24.1 km) upstream from mouth, 13 mi (20.9 km) north of White Sulphur Springs.

Drainage area.--7.27 mi² (18.8 km²).

Records available.--September 1945 to November 1953 (continuous record), June 1959 to September 1973.

Gage.--Water-stage recorder re-installed June 19, 1959. Altitude of gage is 5,590 ft (1,700 m), by barometer.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1946	June 11, 17, 1946	0.72	^d 4.9
1947	May 6, 1947	2.18	18
1948	May 8, 1948	2.64	29
1949	June 1, 1949	1.48	6.2
1950	May 28, 1950	1.64	9.5
1951	May 13, 1951	1.62	11
1952	May 4, 1952	1.66	14
1953	June 4, 1953	3.50	56
1960	May 19, 1960	2.39	5.1
1961	May 31, 1961	2.18	3.2
1962	May 29, 1962	2.68	15
1963	June 26, 1963	2.53	11
1964	May 17, 1964	3.16	37
1965	May 17, 1965	3.14	36
1966	May 10, 1966	2.53	11
1967	May 23, 1967	3.00	34
1968	May 25, 1968	3.04	34
1969	Apr. 27, 1969	2.35	6
1970	May 25, 1970	3.12	35
1971	May 16, 1971	2.24	5
1972	May 21, 1972	1.98	7
1973	June 12, 1973	1.85	6

06076800 Nugget Creek near Neihart, MT

Location.--Lat 46°46'30", long 110°42'03", in NE1/4 sec.27, T.12 N., R.8 E., Meagher County, Hydrologic Unit 10030103, at culvert on U.S. Highway 89, 11 mi (17.7 km) south of Neihart.

Drainage area.--1.50 mi² (3.89 km²).

Records available.--May 1959 to September 1973.

Gage.--Crest-stage gage installed May 22, 1959. Altitude of gage is 6,400 ft (1,950 m), from topographic map.

06076800 Nugget Creek near Neihart, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1959	June 7, 1959	1.05	14
1960	May 12, 1960	.38	5
1961	May 27, 1961	.30	4
1962	May 25, 1962	.50	6
1963	June 2, 1963	.50	6
1964	May 21, 1964	1.07	15
1965	June 16, 1965	1.13	12
1966	May 10, 1966	.68	8
1967	May 31, 1967	1.42	17
1968	May 25, 1968	1.08	12
1969	Apr. 27, 1969	.28	4
1970	May 30, 1970	1.94	37
1971	May 16, 1971	.83	9
1972	May 26, 1972	1.16	13
1973	May 30, 1973	.22	3

06077000 Smith River tributary near Eden, MT

Location.--Lat 47°18'24", long 111°25'25", in SW1/4 sec.13, T.18 N., R.2 E., Cascade County, Hydrologic Unit 10030103, at bridge on county road, 7.5 mi (12.1 km) northwest of Eden.

Drainage area.--1.44 mi² (3.73 km²).

Records available.--May 1959 to September 1975.

Gage.--Crest-stage gage installed May 25, 1959. Altitude of gage is 3,420 ft (1,040 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1960	Mar. 17, 1960	0.32	1.8
1961	--	--	(c)
1962	June 15, 1962	.72	4.5
1963	Feb. 2, 1963	.67	4.0
1964	May 3, 1964	.30	1.7
1965	July 30, 1965	1.24	^a 9
1966	Mar. 8, 1966	.91	^a 15
1967	June 14, 1967	-.09	2
1968	May 25, 1968	--	2
1969	Mar. 18, 1969	.99	30
1970	June 28, 1970	.18	3.6
1971	--	--	(c)
1972	--	--	(c)
1973	--	--	(c)
1974	--	--	(c)
1975	May 7, 1965	--	^a 80

06079600 Beaver Creek at Gibson Dam, near Augusta, MT

Location.--Lat 47°36'09", long 112°45'53", in SE1/4 sec.4, T.21 N., R.9 W., Lewis and Clark County, Hydrologic Unit 10030104, at bridge on county road, 19 mi (30.6 km) northwest of Augusta.

Drainage area.--20.8 mi² (53.9 km²).

Records available.--May 1959 to September 1973.

Gage.--Crest-stage gage installed May 28, 1959. Altitude of gage is 4,560 ft (1,390 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1959	June 6, 1959	0.78	110
1960	May 12, 1960	2.28	458
1961	May 7, 1961	.37	55
1962	May 26, 1962	2.45	496
1963	May 25, 1963	.85	122
1964	June 8, 1964	--	4,360
1965	June 11, 1965	.71	75
1966	May 29, 1966	.41	40
1967	May 30, 1967	1.16	300
1968	April 1968	^b 1.16	^a 50
1969	April 1969	.42	42
1970	May 11, 1970	.93	215
1971	June 3, 1971	.51	75
1972	May 15, 1972	.48	76
1973	Mar. 17, 1973	^b .78	^a 40

06087900 Muddy Creek tributary near Power, MT

Location.--Lat 47°45'23", long 111°43'47", on south line of SW1/4 sec.10, T.23 N., R.1 W., Teton County, Hydrologic Unit 10030104, at culvert on county road, 3 mi (4.8 km) west of U.S. Highway 91, 3.5 mi (5.6 km) northwest of Power and 6 mi (9.7 km) south of Dutton.

Drainage area.--3.15 mi² (8.16 km²).

Records available.--April 1963 to September 1977.

Gage.--Crest-stage gage installed Apr. 16, 1963. Altitude of gage is 3,710 ft (1,130 m), from topographic map.

06087900 Muddy Creek tributary near Power, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1963	July 10, 1963	1.15	19
1964	May 3, 1964	2.26	284
1965	June 17, 1965	2.27	130
1966	July 2, 1966	2.77	620
1967	June 10, 1967	1.73	62
1968	Aug. 15, 1968	1.94	130
1969	June 28, 1969	2.04	170
1970	May 11, 1970	2.24	265
1971	May 20, 1971	1.24	26
1972	Mar. 13, 1972	b 2.80	a 100
1973	June 15, 1973	1.64	45
1974	Jan. 15, 1974	2.06	175
1975	June 20, 1975	2.39	350
1976	Oct. 15, 1976	2.52	420
1977	--	--	(c)

06089300 Sun River tributary near Great Falls, MT

Location.--Lat 47°31'55", long 111°24'03", in SW1/4 sec.31, T.21 N., R.3 E., Cascade County, Hydrologic Unit 10030104, at culvert on old U.S. Highways 89 and 91, 4 mi (6.4 km) northwest of Great Falls.

Drainage area.--18.3 mi² (47.4 km²).

Records available.--August 1955 to September 1973, 1975.

Gage.--Crest-stage gage installed Aug. 15, 1955. Altitude of gage is 3,330 ft (1,020 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1956	Mar. 20, 1956	1.20	1
1957	June 16, 1957	1.05	.1
1958	July 3, 1958	2.74	156
1959	Mar. 2, 1959	2.52	116
1960	May 23, 1960	1.28	6
1961	--	--	(c)
1962	May 21, 1962	3.06	a 150
1963	July 5, 1963	1.64	18
1964	June 8, 1964	5.46	470
1965	June 26, 1965	4.39	280
1966	Mar. 9, 1966	3.54	165
1967	July 3, 1967	2.92	102
1968	Feb. 23, 1968	1.61	18
1969	July 7, 1969	4.34	275
1970	May 19, 1970	2.73	85
1971	Feb. 14, 1971	2.03	40
1972	Mar. 13, 1972	2.50	68
1973	Apr. 25, 1973	1.83	28
1975	May 7, 1975	5.77	530

06099700 Middle Fork Dry Fork Marias River near Dupuyer, MT

Location.--Lat 48°08'48", long 112°27'46", in NE1/4 sec.35, T.28 N., R.7 W., Pondera County, Hydrologic Unit 10030203, at culvert on county road, 4 mi (6.4 km) southeast of Dupuyer.

Drainage area.--20.2 mi² (52.3 km²).

Records available.--May 1959 to September 1974.

Gage.--Crest-stage gage installed May 28, 1959. Altitude of gage is 4,120 ft (1,260 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1960	Mar. 17, 1960	b 1.24	a 70
1961	May 7, 1961	.29	10
1962	Mar. 19, 1962	.99	61
1963	Feb. 3, 1963	b 2.11	a 45
1964	June 8, 1964	6.56	4,240
1965	Feb. 20, 1965	4.87	a 300
1966	Mar. 26, 1966	2.22	100
1967	May 9, 1967	4.15	240
1968	Sept. 20, 1968	1.16	41
1969	June 25, 1969	3.29	150
1970	June 13, 1970	4.14	240
1971	Feb. 14, 1971	2.50	70
1972	July 19, 1972	4.26	270
1973	Apr. 25, 1973	.62	5
1974	Jan. 15, 1974	1.59	30

06100200 Heines Coulee tributary near Valier, MT

Location.--Lat 48°14'56", long 112°13'43", in NE1/4 sec.27, T.29 N., R.5 W., Pondera County, Hydrologic Unit 10030203, at culvert on county road, 4 mi (6.4 km) south of Valier.

Drainage area.--0.60 mi² (1.55 km²).

Records available.--May 1959 to September 1975.

Gage.--Crest-stage gage installed May 27, 1959. Altitude of gage is 3,860 ft (1,180 m), from topographic map.

06100200 Heines Coulee tributary near Valier, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1960	May 1, 1960	0.92	9
1961	May 17, 1961	.54	4
1962	Jan. 29, 1962	b.41	a 2
1963	--	--	(c)
1964	June 8, 1964	10.57	64
1965	June 15, 1965	1.00	6
1966	Mar. 26, 1966	1.05	7
1967	May 7, 1967	1.46	12
1968	Feb. 28, 1968	.55	3
1969	Mar. 20, 1969	b 3.94	a 40
1970	July 13, 1970	.84	5
1971	Feb. 14, 1971	b 4.94	a 5
1972	Mar. 13, 1972	b 5.0	a 10
1973	Apr. 25, 1973	.13	1
1974	Jan. 15, 1974	.67	3
1975	June 30, 1975	15.02	249

06101600 Marias River tributary No. 3 near Chester, MT

Location.--Lat 48°13'52", long 110°53'27", in NE1/4 sec.36, T.29 N., R.6 E., Liberty County, Hydrologic Unit 10030203, at culvert on State Secondary Highway 223, 2.1 mi (3.4 km) south of Marias River bridge and 20 mi (32.2 km) southeast of Chester.

Drainage area.--0.26 mi² (0.67 km²).

Records available.--May 1962 to September 1976.

Gage.--Crest-stage gage installed Apr. 18, 1963. Altitude of gage is 2,900 ft (884 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1962	^e May 21, 1962	3.18	29
1963	July 4, 1963	1.20	9
1964	June 8, 1964	1.37	11
1965	June 17, 1965	1.67	14
1966	June 4, 1966	.48	4
1967	February 1967	.32	3
1968	--	--	(c)
1969	Mar. 26, 1969	2.42	21
1970	July 13, 1970	3.36	32
1971	Feb. 13, 1971	1.21	10
1972	Mar. 18, 1972	.61	5
1973	Feb. 24, 1973	.21	2
1974	Aug. 11, 1974	.54	5
1975	May 7, 1975	1.16	9
1976	Mar. 17, 1976	.52	4

06101800 Sixmile Coulee near Chester, MT

Location.--Lat 48°19'49", long 110°56'40", in NW1/4 sec.27, T.30 N., R.6 E., Liberty County, Hydrologic Unit 10030203, at bridge on State Highway 223, 5.5 road mi (8.8 km) north of Marias River bridge, and 12.5 mi (20.1 km) south of Chester.

Drainage area.--30.3 mi² (78.5 km²).

Records available.--April 1963 to September 1977.

Gage.--Crest-stage gage installed Apr. 17, 1963. Altitude of gage is 2,950 ft (899 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1963	--	--	(c)
1964	June 8, 1964	2.35	75
1965	Apr. 7, 1965	3.18	220
1966	July 3, 1966	2.70	130
1967	Mar. 21, 1967	2.20	55
1968	--	--	(c)
1969	Mar. 26, 1969	2.96	175
1970	July 13, 1970	1.10	5
1971	Feb. 25, 1971	.98	3
1972	--	--	(c)
1973	--	--	(c)
1974	May 13, 1974	.59	2
1975	May 7, 1975	1.73	20
1976	Mar. 17, 1976	.75	a 2
1977	--	--	(c)

06101900 Dead Indian Coulee near Fort Benton, MT

Location.--Lat 48°04'54", long 110°50'14", in center of sec.21, T.27 N., R.7 E., Hydrologic Unit 10030203, Chouteau County, at culvert on State Highway 223, 20 mi (32.2 km) northwest of Fort Benton.

Drainage area.--2.73 mi² (7.07 km²).

Records available.--April 1963 to September 1977.

Gage.--Crest-stage gage installed Apr. 18, 1963. Altitude of gage is 3,250 ft (991 m), from topographic map.

06101900 Dead Indian Coulee near Fort Benton, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1963	--	--	(c)
1964	May 3, 1964	2.19	22
1965	Feb. 17, 1965	4.16	52
1966	Mar. 9, 1966	4.95	116
1967	Mar. 21, 1967	.21	a 1
1968	--	--	(c)
1969	Mar. 26, 1969	3.84	47
1970	Mar. 7, 1970	2.89	32
1971	Feb. 12, 1971	3.44	40
1972	--	--	(c)
1973	Apr. 20, 1973	--	1
1974	Aug. 8, 1974	.50	2
1975	June 19, 1975	5.50	369
1976	June 22, 1976	1.53	13
1977	--	--	(c)

06102100 Dry Fork Coulee tributary near Loma, MT

Location.--Lat 47°56'52", long 110°32'23", in SW1/4 sec.2, T.25 N., R.9 E., Chouteau County, Hydrologic Unit 10030203, at culvert on county road, 2 mi (3.2 km) west of Loma.

Drainage area.--0.84 mi² (2.18 km²).

Records available.--May 1959 to September 1973.

Gage.--Crest-stage gage installed May 25, 1959. Altitude of gage is 2,580 ft (786 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1959	Mar. 1, 1959	4.02	71
1960	Mar. 17, 1960	.41	a 2
1961	May 31, 1961	^b 1.42	a 1
1962	May 21, 1962	.85	6
1963	Aug. 25, 1963	1.54	16
1964	Aug. 19, 1964	1.06	8
1965	June 24, 1965	7.23	244
1966	June 3, 1966	3.27	54
1967	March 1967	1.09	7
1968	June 9, 1968	1.74	20
1969	Mar. 26, 1969	6.18	142
1970	June 13, 1970	2.12	28
1971	Feb. 13, 1971	2.64	40
1972	Aug. 2, 1972	1.86	22
1973	Aug. 22, 1973	1.13	8

06102200 Marias River tributary at Loma, MT

Location.--Lat 47°56'38", long 110°30'50", in SW1/4 SE1/4 sec.1, T.25 N., R.9 E., Chouteau County, Hydrologic Unit 10030203, at bridge on county road, 0.6 mi (1.0 km) west of Loma.

Drainage area.--1.62 mi² (4.20 km²).

Records available.--August 1955 to September 1973.

Gage.--Crest-stage gage installed Aug. 18, 1955. Altitude of gage is 2,590 ft (789 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1956	--	b 0.8	a 5
1957	Mar. 1, 1957	b 1.74	a 3
1958	Mar. 29, 1958	.68	a 4
1959	Mar. 1, 1959	b 2.9	a 12
1960	Mar. 17, 1960	1.50	a 6
1961	--	--	(c)
1962	May 21, 1962	2.11	a 20
1963	Feb. 4, 1963	b 1.88	a 10
1964	Aug. 19, 1964	b 1.58	a 8
1965	June 24, 1965	4.87	300
1966	June 3, 1966	2.43	82
1967	March 1967	1.43	76
1968	Feb. 24, 1968	2.16	22
1969	Mar. 26, 1969	b 2.52	a 7
1970	June 13, 1970	1.73	45
1971	Mar. 30, 1971	b 3.48	22
1972	Aug. 2, 1972	.39	20
1973	--	--	(c)

06102300 Marias River tributary No. 2 at Loma, MT

Location.--Lat 47°56'28", long 110°30'18", in NE1/4 NE1/4 sec.12, T.25 N., R.9 E., Chouteau County, Hydrologic Unit 10030203, at culvert on approach to U.S. Highway 87, 0.2 mi (0.3 km) north of Loma.

Drainage area.--0.25 mi² (0.65 km²).

Records available.--August 1955 to September 1973.

Gage.--Crest-stage gage installed Aug. 18, 1955. Altitude of gage is 2,590 ft (789 m), from topographic map.

06102300 Marias River tributary No. 2 at Loma, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1956	May 27, 1956	2.97	a 20
1957	Mar. 1, 1957	b 2.46	a 10
1958	Mar. 29, 1958	b 1.40	a 1
1959	February 1959	1.01	a 1
1960	Mar. 17, 1960	b 1.73	a 2
1961	--	--	(c)
1962	Mar. 17, 1962	b 1.55	a 2
1963	June 28, 1963	2.60	a 15
1964	Aug. 19, 1964	1.38	2
1965	June 24, 1965	4.78	42
1966	June 3, 1966	2.85	18
1967	June 14, 1967	.92	a .5
1968	June 9, 1968	.97	.5
1969	March 1969	2.30	11
1970	June 13, 1970	1.71	a 5
1971	Feb. 14, 1971	1.23	1.5
1972	Mar. 17, 1972	b 1.97	a 5
1973	Apr. 20, 1973	.84	1

06108200 Kinley Coulee near Dutton, MT

Location.--Lat 47°50'35", long 111°35'32", in center of north line of sec.15, T.24 N., R.1 E., Teton County, Hydrologic Unit 10030205, at culverts on county road, 5.1 mi (8.2 km) east of Dutton on Diamond Valley Road.

Drainage area.--9.67 mi² (25.0 km²).

Records available.--April 1963 to September 1977.

Gage.--Crest-stage gage installed Apr. 17, 1963. Altitude of gage is 3,560 ft (1,080 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1963	--	--	(c)
1964	June 21, 1964	8.0	364
1965	June 16, 1965	1.39	24
1966	July 2, 1966	10.72	2,070
1967	May 7, 1967	1.31	20
1968	Sept. 21, 1968	.58	1
1969	Mar. 20, 1969	4.45	182
1970	June 13, 1970	.63	1
1971	Feb. 13, 1971	b 2.01	a 5
1972	Mar. 18, 1972	.37	1
1973	Aug. 24, 1973	6.34	278
1974	Jan. 15, 1974	1.54	30
1975	May 7, 1975	4.96	205
1976	Mar. 19, 1976	1.52	30
1977	--	--	(c)

06108300 Kinley Coulee tributary near Dutton, MT

Location.--Lat 47°50'35", long 111°33'07", on north line of NW1/4 sec.13, T.24 N., R.1 E., Teton County, Hydrologic Unit 10030205, at culverts on county road, 6.5 mi (10.5 km) east of Dutton on Diamond Valley Road.

Drainage area.--2.65 mi² (6.86 km²).

Records available.--April 1963 to September 1977.

Gage.--Crest-stage gage installed Apr. 16, 1963. Altitude of gage is 3,610 ft (1,100 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1963	Sept. 16, 1963	1.28	18
1964	June 8, 1964	2.98	76
1965	Mar. 31, 1965	1.43	7
1966	July 2, 1966	14.77	465
1967	May 7, 1967	1.59	25
1968	June 9, 1968	.61	2
1969	Mar. 21, 1969	3.97	125
1970	July 13, 1970	.88	7
1971	Feb. 13, 1971	b 1.96	a 2
1972	--	--	(c)
1973	Feb. 22, 1973	--	.3
1974	--	--	(c)
1975	May 7, 1975	4.83	153
1976	Mar. 19, 1976	1.53	23
1977	July 10, 1977	.64	1

06109900 Judith River tributary near Utica, MT

Location.--Lat 46°53'51", long 110°16'07", in SW1/4 sec.13, T.13 N., R.11 E., Judith Basin County, Hydrologic Unit 10040103, at bridge on county road, 10 mi (16.1 km) southwest of Utica.

Drainage area.--7.15 mi² (18.5 km²).

Records available.--May 1959 to September 1974.

Gage.--Crest-stage gage installed May 21, 1959. Altitude of gage is 5,100 ft (1,550 m), from topographic map.

06109900 Judith River tributary near Utica, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1960	Mar. 18, 1960	0.65	15
1961	--	--	(c)
1962	June 14, 1962	1.00	25
1963	Feb. 4, 1963	b 3.33	a 10
1964	--	--	(c)
1965	April 1965	2.46	83
1966	Mar. 10, 1966	2.06	104
1967	June 10, 1967	.55	10
1968	--	--	(c)
1969	Apr. 2, 1969	b 4.69	a 20
1970	Apr. 10, 1970	b 1.78	a 5
1971	Feb. 13, 1971	1.90	85
1972	Mar. 16, 1972	--	a 30
1973	Sept. 1, 1973	--	a 2
1974	Jan. 15, 1974	2.21	125

06112100 Cottonwood Creek near Moore, MT

Location.--Lat 46°58'45", long 109°29'26", in NW1/4 sec.18, T.14 N., R.18 E., Fergus County, Hydrologic Unit 10040103, 30 ft (9 m) downstream from bridge on county road, 9.5 mi (15.3 km) east of Moore, and 12 mi (19.3 km) upstream upstream from mouth.

Drainage area.--47.7 mi² (124 km²).

Records available.--August 1957 to September 1963 (continuous record), October 1963 to September 1973, 1975.

Gage.--Water-stage recorder. Altitude of gage is 4,300 ft (1,310 m) from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1958	May 22, 1958	3.78	57
1959	June 7, 1959	5.42	143
1960	June 4, 1960	4.50	102
1961	June 1, 1961	4.83	101
1962	May 22, 1962	6.77	683
1963	June 15, 1963	4.75	216
1964	June 9, 1964	7.68	1,220
1965	June 17, 1965	4.52	162
1966	May 29, 1966	4.47	155
1967	June 8, 1967	7.60	1,180
1968	June 10, 1968	6.69	578
1969	June 27, 1969	7.07	870
1970	May 28, 1970	6.76	420
1971	June 7, 1971	6.20	440
1972	June 9, 1972	5.73	240
1973	June 15, 1973	6.77	430
1975	May 6, 1975	8.92	1,740

06115100 Missouri River tributary near Landusky, MT

Location.--Lat 47°37'35", long 108°41'51", in NW1/4 sec.31, T.22 N., R.24 E., Fergus County, Hydrologic Unit 10040104, at culvert on county road, 0.4 mi (0.6 km) west of U.S. Highway 191 along south side of Missouri River, 19 mi (30.6 km) south of Landusky.

Drainage area.--3.39 mi² (8.78 km²).

Records available.--June 1962 to September 1977.

Gage.--Crest-stage gage installed May 14, 1963. Altitude of gage is 2,280 ft (695 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1962	e June 15, 1962	--	a 500
1963	July 18, 1963	3.75	111
1964	May 3, 1964	.04	1
1965	May 7, 1965	1.07	20
1966	--	--	(c)
1967	Mar. 23, 1967	1.86	30
1968	Aug. 15, 1968	2.23	40
1969	June 26, 1969	.99	12
1970	June 12, 1970	.81	10
1971	Aug. 30, 1971	3.75	100
1972	June 9, 1972	5.20	1,950
1973	Aug. 24, 1973	3.70	98
1974	July 7, 1974	4.65	155
1975	May 6, 1975	3.15	74
1976	June 22, 1976	5.35	1,830
1977	Apr. 5, 1977	1.00	1

06120600 Antelope Creek tributary near Harlowton, MT

Location.--Lat 46°38'27", long 109°58'39", in NE1/4 sec.8, T.10 N., R.14 E., Wheatland County, Hydrologic Unit 10040201, at culvert on county road, 18.3 mi (29.4 km) northwest of Harlowton.

Drainage area.--0.47 mi² (1.22 km²).

Records available.--July 1955 to September 1973.

Gage.--Crest-stage gage installed July 13, 1955. Altitude of gage is 5,400 ft (1,650 m), from topographic map.

06120600 Antelope Creek tributary near Harlowton, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1956	June 15, 1956	1.36	13
1957	March 1957	.56	7
1958	--	--	(c)
1959	March 1959	1.72	3
1960	Mar. 18, 1960	2.04	6
1961	June 13, 1961	.25	(c)
1962	Mar. 26, 1962	1.40	1
1963	Feb. 4, 1963	1.32	1
1964	--	--	(c)
1965	April 1965	1.15	a1
1966	July 2, 1966	1.47	2
1967	Apr. 12, 1967	.92	a .5
1968	Feb. 28, 1968	1.09	a .5
1969	June 6, 1969	4.82	68
1970	Apr. 6, 1970	b2.06	a1
1971	Apr. 26, 1971	1.21	.8
1972	Mar. 18, 1972	1.51	2
1973	Apr. 25, 1973	1.12	.5

06120700 Antelope Creek tributary near mouth, near Harlowton, MT

Location.--Lat 46°36'50", long 109°57'00", in NW1/4 sec.22, T.10 N., R.14 E., Wheatland County, Hydrologic Unit 10040201, at bridge on county road, 16.3 mi (26.2 km) northwest of Harlowton.

Drainage area.--1.92 mi² (4.97 km²).

Records available.--July 1955 to September 1973.

Gage.--Crest-stage gage installed July 12, 1955. Altitude of gage is 5,000 ft (1,520 m), from topographic map.

06120700 Antelope Creek tributary near mouth, near Harlowton, MT--Continued

Annual maximum data.--		Gage height (ft)	Discharge (ft ³ /s)
Water year	Date		
1956	Mar. 17, 1956	1.60	207
1957	June 16, 1957	1.51	188
1958	May 23, 1958	.17	17
1959	Mar. 20, 1959	.75	65
1960	Mar. 18, 1960	.42	33
1961	--	--	(c)
1962	Mar. 26, 1962	.28	20
1963	Feb. 4, 1963	b 1.49	a 50
1964	March 1964	.54	a 45
1965	April 1965	1.40	165
1966	Mar. 20, 1966	.68	60
1967	Mar. 23, 1967	b .58	a 5
1968	June 29, 1968	.74	65
1969	June 6, 1969	2.30	307
1970	Apr. 6, 1970	.73	65
1971	Mar. 10, 1971	b 1.40	3
1972	Mar. 18, 1972	b 1.15	a 2
1973	Apr. 25, 1973	.57	47

06120900 Antelope Creek at Harlowton, MT

Location.--Lat 46°26'27", long 109°49'26", in NE1/4 sec.22, T.8 N., R.15 E., Wheatland County, Hydrologic Unit 10040201, on overpass on U.S. Highway 12 at Harlowton.

Drainage area.--88.7 mi² (230 km²).

Records available.--July 1955 to September 1973.

Gage.--Crest-stage gage installed July 12, 1955. Altitude of gage is 4,150 ft (1,260 m), from topographic map.

06120900 Antelope Creek at Harlowton, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1950	e June 17, 1950	16.73	24,400
1954	e Aug. 15, 1954	4.52	1,600
1955	e June 26, 1955	3.01	591
1956	June 15, 1956	3.28	800
1957	June 21, 1957	1.52	170
1958	--	(f)	a 30
1959	--	(f)	a 30
1960	--	(f)	a 30
1961	--	(f)	a 30
1962	June 16, 1962	4.02	1,280
1963	Feb. 4, 1963	(f)	a 30
1964	--	(f)	a 30
1965	June 12, 1965	2.2	318
1966	--	(f)	a 30
1967	June 7, 1967	.60	70
1968	June 13, 1968	.90	95
1969	April 1969	.47	60
1970	May 7, 1970	(f)	a 10
1971	May 30, 1971	(f)	15
1972	May 10, 1972	(f)	a 5
1973	June 2, 1973	(f)	a 20

06126300 Currant Creek near Roundup, MT

Location.--Lat 46°22'11", long 108°38'55", in SW1/4 sec.7, T.7 N., R.25 E., Musselshell County, Hydrologic Unit 10040201, at bridge on U.S. Highway 12, 7 mi (11.3 km) southwest of Roundup.

Drainage area.--220 mi² (570 km²).

Records available.--May 1958 to September 1973.

Gage.--Crest-stage gage installed May 9, 1958. Altitude of gage is 3,250 ft (991 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1958	July 19, 1958	2.12	a 40
1959	Mar. 1, 1959	6.65	780
1960	--	--	Unknown
1961	July 21, 1961	1.86	31
1962	June 15, 1962	5.28	395
1963	June 5, 1963	b 3.45	a 20
1964	June 8, 1964	3.80	140
1965	Apr. 1, 1965	1.55	25
1966	July 3, 1966	2.02	37
1967	June 7, 1967	b 9.75	1,620
1968	June 9, 1968	2.85	71
1969	Mar. 18, 1969	b 4.36	a 150
1970	May 11, 1970	2.80	70
1971	Feb. 12, 1971	4.92	440
1972	June 9, 1972	4.26	320
1973	Aug. 22, 1973	5.33	525

06127100 South Willow Creek tributary near Roundup, MT

Location.--Lat 46°30'41", long 108°34'30", in center of E1/2 sec.28, T.9 N., R.25 E., Musselshell County, Hydrologic Unit 10040202, at culvert on U.S. Highway 87 between Roundup and Grassrange, 4.5 mi (7.2 km) north of Roundup.

Drainage area.--1.38 mi² (3.57 km²).

Records available.--May 1962 to September 1976.

Gage.--Crest-stage gage installed Apr. 28, 1963. Altitude of gage is 3,450 ft (1,050 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1962	May 13, 1962	8.34	444
1963	--	--	(c)
1964	June 8, 1964	1.77	45
1965	July 27, 1965	9.90	510
1966	July 3, 1966	4.94	210
1967	June 7, 1967	1.74	45
1968	June 9, 1968	4.40	175
1969	Mar. 17, 1969	3.41	120
1970	May 11, 1970	2.74	85
1971	Feb. 13, 1971	1.07	25
1972	June 9, 1972	3.60	130
1973	--	--	(c)
1974	Aug. 20, 1974	1.08	25
1975	Aug. 19, 1975	1.52	37
1976	June 22, 1976	1.20	28

06127200 Musselshell River tributary near Musselshell, MT

Location.--Lat 46°30'22", long 108°15'19", in SW1/4 sec.30, T.9 N., R.28 E., Musselshell County, Hydrologic Unit 10040202, at bridge on U.S. Highway 12, 7.0 road mi (11.3 km) east of Gage Railroad Siding, 2.0 mi (3.2 km) west of road to Delphia, and 8 mi (12.9 km) west of Musselshell.

Drainage area.--10.8 mi² (28.0 km²).

Records available.--May 1963 to September 1977.

Gage.--Crest-stage gage installed May 15, 1963. Altitude of gage is 3,070 ft (936 m), from topographic map.

06127200 Musselshell River tributary near Musselshell, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1963	--	--	(c)
1964	--	--	(c)
1965	April 1965	1.73	150
1966	Mar. 10, 1966	.96	22
1967	March 1967	.44	a 1
1968	July 15, 1968	2.30	154
1969	April 1969	1.86	84
1970	June 12, 1970	1.05	20
1971	Feb. 12, 1971	2.04	126
1972	June 9, 1972	3.11	380
1973	--	--	(c)
1974	Jan. 15, 1974	1.23	32
1975	Mar. 3, 1975	2.06	128
1976	Mar. 21, 1976	2.04	110
1977	May 17, 1977	1.23	28

06127530 Home Creek near Melstone, MT

Location.-- Lat 46°38'12", long 107°46'48", in NE1/4 sec.14, T.10 N., R.31 E., Rosebud County, Hydrologic Unit 10040202, at bridge on U.S. Highway 12, 2.2 mi (3.5 km) east of Musselshell River bridge, 5 mi (8.0 km) northeast of Melstone, and 11 mi (17.7 km) west of Sumatra.

Drainage area.-- 31.2 mi² (80.8 km²).

Records available.-- May 1963 to September 1967.

Gage.-- Crest-stage gage installed May 16, 1963. Altitude of gage is 2,860 ft (872 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1963	--	--	(c)
1964	--	--	(c)
1965	May 7, 1965	3.47	a 95
1966	July 13, 1966	5.98	252
1967	June 4, 1967	3.18	a 75

06128400 South Fork Bear Creek near Roy, MT

Location.--Lat 47°12'04", long 108°47'55", in SW1/4 sec.28, T.17 N., R.23 E., Fergus County, Hydrologic Unit 10040204, at bridge on State Highway 19, 10.2 mi (16.4 km) south of U.S. Highway 191, 11.2 mi (18.0 km) north of U.S. Highway 87 and State Highway 18, 12 mi (19.3 km) southeast of Roy, and 12 mi (19.3 km) north of Grass Range.

Drainage area.--39.6 mi² (103 km²).

Records available.--June 1962 to September 1976.

Gage.--Crest-stage gage installed May 15, 1963. Altitude of gage is 3,250 ft (991 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1962	June 15, 1962	2.67	225
1963	May 11, 1963	1.37	30
1964	June 8, 1964	5.05	1,490
1965	April 1965	2.55	200
1966	July 3, 1966	2.86	265
1967	June 9, 1967	1.78	75
1968	June 9, 1968	4.39	940
1969	Mar. 19, 1969	3.57	500
1970	May 3, 1970	2.86	210
1971	Feb. 13, 1971	3.59	490
1972	July 19, 1972	1.85	75
1973	Aug. 24, 1973	2.19	115
1974	May 20, 1974	2.59	210
1975	July 1, 1975	5.66	2,200
1976	June 22, 1976	2.12	115

06128900 Box Elder Creek tributary near Winnett, MT

Location.--Lat 47°01'45", long 108°09'32", in SW1/4 NW1/4 sec.34, T.15 N., R.28 E., Petroleum County, Hydrologic Unit 10040204, 0.2 mi (0.3 km) north of State Highway 20 and 8 mi (12.9 km) east of Winnett.

Drainage area.--16.2 mi² (42.0 km²).

Records available.--July 1955 to September 1973.

Gage.--Crest-stage gage installed July 14, 1955. Altitude of gage is 2,740 ft (835 m), from topographic map.

06128900 Box Elder Creek tributary near Winnett, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1955	Aug. 23, 1955	2.20	132
1956	June 18, 1956	2.11	123
1957	Feb. 28, 1957	.66	27
1958	July 31, 1958	2.86	193
1959	Mar. 1, 1959	3.86	412
1960	Mar. 18, 1960	3.37	275
1961	Aug. 10, 1961	.90	40
1962	June 15, 1962	b8.3	a125
1963	May 11, 1963	2.87	194
1964	May 3, 1964	1.89	105
1965	March 1965	b3.84	a200
1966	March 1966	b1.36	a30
1967	May 11, 1967	1.83	100
1968	June 9, 1968	3.27	258
1969	July 6, 1969	5.85	1,030
1970	May 11, 1970	2.29	135
1971	Feb. 16, 1971	b4.32	a20
1972	June 9, 1972	2.55	160
1973	Apr. 24, 1973	1.23	70

06129100 North Fork McDonald Creek tributary near Heath, MT

Location.--Lat 47°04'03", long 109°12'46", in NE1/4 sec.17, T.15 N., R.20 E., Fergus County, Hydrologic Unit 10040204, at culvert on U.S. Highway 87 and State Highway 20, 5 mi (8.0 km) northeast of Heath.

Drainage area.--2.24 mi² (5.80 km²).

Records available.--May 1959 to September 1975.

Gage.--Crest-stage gage installed May 19, 1959. Altitude of gage is 4,280 ft (1,300 m), from topographic map.

06129100 North Fork McDonald Creek tributary near Heath, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1960	Mar. 18, 1960	1.04	22
1961	Oct. 1, 1961	.02	1
1962	May 21, 1962	1.21	27
1963	May 12, 1963	.38	6
1964	June 8, 1964	1.51	36
1965	March 1965	.90	18
1966	Mar. 31, 1966	.96	20
1967	April 1967	.83	16
1968	August 1968	.34	5
1969	Mar. 20, 1969	.40	6
1970	Apr. 6, 1970	.51	8
1971	Féb. 14, 1971	.50	8
1972	Aug. 3, 1972	.15	3
1973	June 14, 1973	1.25	28
1974	May 20, 1974	.30	5
1975	May 6, 1975	2.20	60

06129200 Alkali Creek near Heath, MT

Location.--Lat 47°04'41", long 109°08'48", in SE1/4 sec.11, T.15 N., R.20 E., Fergus County, Hydrologic Unit 10040204, at bridge on county road, 7.5 mi (12.1 km) northeast of Heath.

Drainage area.--3.76 mi² (9.74 km²).

Records available.--May 1959 to September 1974.

Gage.--Crest-stage gage installed May 19, 1959. Altitude of gage is 4,060 ft (1,240 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1960	Mar. 18, 1960	1.83	a 60
1961	Feb. 20, 1961	b .62	a 15
1962	June 15, 1962	7.4	757
1963	--	--	a 1
1964	June 8, 1964	4.12	a 120
1965	March 1965	2.59	a 55
1966	Mar. 10, 1966	1.51	a 60
1967	June 7, 1967	.36	19
1968	June 11, 1968	-.59	2
1969	Mar. 17, 1969	b .77	a 12
1970	May 19, 1970	-.08	9
1971	Feb. 14, 1971	.04	11
1972	Aug. 3, 1972	3.07	a 160
1973	June 14, 1973	--	a 10
1974	May 20, 1974	.86	35

06129400 South Fork McDonald Creek tributary near Grass Range, MT

Location.--Lat 47°00'10", long 108°47'14", in center of sec.3, T.14 N., R.23 E., Fergus County, Hydrologic Unit 10040204, at culvert on U.S. Highway 87, 1.4 road mi (2.3 km) south of the approach road to Grass Range, 1.5 mi (2.4 km) southeast of Grass Range.

Drainage area.--0.51 mi² (1.32 km²).

Records available.--May 1963 to September 1977.

Gage.--Crest-stage gage installed May 15, 1963. Altitude of gage is 3,700 ft (1,130 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1963	June 29, 1963	0.16	6
1964	June 8, 1964	2.42	38
1965	March 1965	.40	8
1966	March 1966	b 1.30	a 1
1967	June 14, 1967	.95	15
1968	June 9, 1968	1.25	19
1969	July 6, 1969	2.66	42
1970	May 11, 1970	1.70	26
1971	Feb. 14, 1971	1.53	24
1972	Mar. 11, 1972	.38	8
1973	June 15, 1973	.23	7
1974	July 11, 1974	1.30	20
1975	May 1975	4.75	141
1976	Mar. 18, 1976	.42	8
1977	May 7, 1977	.48	4

06129500 McDonald Creek at Winnett, MT

Location.--Lat 46°59'41", long 108°21'07", in NW1/4 sec.7, T.14 N., R.27 E., Petroleum County, Hydrologic Unit 10040204, at bridge on State Highway 244, 0.8 mi (1.3 km) south of Winnett.

Drainage area.--421 mi² (1,090 km²).

Records available.--April 1930 to December 1932, February 1934 to September 1945, and February 1953 to September 1956 (continuous record), October 1956 to September 1973, 1975.

Gage.--Crest-stage gage installed Sept. 19, 1960. Prior to Oct. 1, 1956, wire-weight gage, and Oct. 1, 1956, to March 1960, crest-stage gage 1 mi (1.6 km) downstream at different datum. Altitude of gage is 2,930 ft (893 m), by barometer, at old site.

06129500 McDonald Creek at Winnett, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1931	Mar. 1-3, 1931	13.30	d 4.2
1932	June 9, 1932	20.40	d 562
1934	June 9, 1934	18.12	d 351
1935	July 8, 1935	18.30	d 371
1936	Mar. 5, 1936	--	a 220
1937	July 13, 1937	18.75	401
1938	July 8, 1938	18.71	d 328
1939	June 19, 1939	4.55	270
1940	Mar. 3, 1940	--	a 75
1941	June 28, 1941	5.42	482
1942	May 15 or 16, 1942	7.5	900
1943	June 8, 18, 1943	5.59	d 549
1944	June 20, 1944	7.40	853
1945	June 7, 1945	2.48	d 180
1953	June 10, 1953	5.66	d 424
1954	Aug. 5, 1954	3.00	47
1955	Apr. 11, 1955	4.39	241
1956	Aug. 3, 1956	2.55	88
1957	Mar. 19, 1957	2.20	67
1958	July 19, 1958	3.23	150
1959	Mar. 1, 1959	b 6.84	a 400
1960	Mar. 19, 1960	4.44	a 200
1961	Mar. 20, 1961	1.25	.1
1962	June 17, 1962	4.20	485
1963	Feb. 4, 1963	--	a 250
1964	June 10, 1964	a 10.0	1,440
1965	March 1965	b 7.70	a 800
1966	Mar. 9, 1966	--	a 200
1967	June 16, 1967	6.83	890
1968	June 9, 1968	6.37	810
1969	April 1969	4.43	500
1970	May 11, 1970	8.80	1,300
1971	Feb. 14, 1971	b 9.48	a 750
1972	May 21, 1972	3.08	347
1973	Apr. 24, 1973	.89	78
1975	--	10.31	1,590

06129700 Gorman Coulee near Cat Creek, MT

Location.--Lat 47°00'46", long 108°05'59", in SW1/4 SW1/4 sec.31, T.15 N., R.29 E., Petroleum County, Hydrologic Unit 10040204, at culvert on State Highway 20, 6 mi (9.7 km) southwest of Cat Creek.

Drainage area.--2.32 mi² (6.01 km²).

Records available.--July 1955 to September 1973.

Gage.--Crest-stage gage installed July 14, 1955. Altitude of gage is 2,740 ft (835 m), from topographic map.

06129700 Gorman Coulee near Cat Creek, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1955	Aug. 23, 1955	5.59	385
1956	June 18, 1956	2.73	126
1957	Aug. 30, 1957	1.37	43
1958	July 19, 1958	2.09	83
1959	June 26, 1959	1.84	68
1960	--	--	Unknown
1961	--	--	(c)
1962	May 16, 1962	1.06	28
1963	--	--	a5
1964	Aug. 20, 1964	1.89	70
1965	July 10, 1965	4.05	237
1966	March 1966	.14	5
1967	June 7, 1967	5.00	328
1968	Aug. 15, 1968	.79	20
1969	July 6, 1969	9.80	810
1970	June 13, 1970	2.15	85
1971	June 27, 1971	2.88	135
1972	June 9, 1972	5.18	346
1973	Sept. 1, 1973	.66	15

06130600 Cat Creek near Cat Creek, MT

Location.--Lat 47°02'38", long 108°01'00", in SW1/4 sec.23, T.15 N., R.29 E., Petroleum County, Hydrologic Unit 10040205, at culvert on county road, 2.5 mi (4.0 km) south of Cat Creek.

Drainage area.--36.5 mi² (94.5 km²).

Records available.--April 1958 to September 1973.

Gage.--Crest-stage gage installed Apr. 19, 1958. Altitude of gage is 2,650 ft (808 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1958	Aug. 15, 1958	2.76	92
1959	Mar. 12, 1959	4.58	170
1960	Mar. 18, 1960	5.85	379
1961	June 23, 1961	1.27	40
1962	June 16, 1962	6.19	748
1963	June 29, 1963	.72	26
1964	Aug. 20, 1964	2.61	90
1965	May 7, 1965	3.56	125
1966	Mar. 10, 1966	1.35	43
1967	June 7, 1967	.55	13
1968	Feb. 26, 1968	b1.22	a5
1969	July 6, 1969	2.32	76
1970	June 12, 1970	3.14	108
1971	Feb. 26, 1971	2.54	85
1972	June 9, 1972	3.44	120
1973	June 15, 1973	3.44	120

06130800 Second Creek tributary near Jordan, MT

Location.--Lat 47°11'31", long 106°48'06", in NW1/4 NW1/4 sec.31, T.17 N., R.39 E., Garfield County, Hydrologic Unit 10040105, at culvert on State Highway 22, 11 mi (17.7 km) southeast of Jordan.

Drainage area.--0.52 mi² (1.35 km²).

Records available.--March 1958 to September 1973.

Gage.--Crest-stage gage installed Mar. 18, 1958. Altitude of gage is 2,750 ft (838 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1954	e Aug. 16, 1954	9.64	334
1958	--	--	(c)
1959	Mar. 17, 1959	1.22	13
1960	Mar. 18, 1960	1.75	21
1961	--	--	(c)
1962	Mar. 18, 1962	1.10	12
1963	Feb. 4, 1963	b 2.00	a 5
1964	June 18, 1964	9.62	304
1965	April 1965	1.58	18
1966	July 2, 1966	.91	8
1967	June 7, 1967	1.90	24
1968	Feb. 26, 1968	b 2.54	a 10
1969	July 7, 1969	6.42	74
1970	June 30, 1970	2.16	27
1971	Feb. 14, 1971	2.06	25
1972	Aug. 14, 1972	5.63	68
1973	June 18, 1973	1.25	13

06130900 Second Creek tributary No. 3 near Jordan, MT

Location.--Lat 47°13'10", long 106°49'31", in NW1/4 sec.24, T.17 N., R.38 E., Garfield County, Hydrologic Unit 10040105, at culvert on State Highway 22, 8.5 mi (13.7 km) southeast of Jordan.

Drainage area.--0.72 mi² (1.86 km²).

Records available.--July 1958 to September 1972.

Gage.--Crest-stage gage installed July 23, 1958. Altitude of gage is 2,780 ft (847 m), from topographic map.

06130900 Second Creek tributary No. 3 near Jordan, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1958	--	--	(c)
1959	Mar. 3, 1959	1.77	31
1960	Mar. 18, 1960	1.03	18
1961	June 1, 1961	.23	a3
1962	July 14, 1962	.81	14
1963	July 18, 1963	.47	8
1964	June 18, 1964	13.32	458
1965	Mar. 31, 1965	1.44	25
1966	Mar. 10, 1966	.39	7
1967	Mar. 22, 1967	.75	13
1968	Feb. 26, 1968	.76	13
1969	Apr. 25, 1969	.92	16
1970	Apr. 28, 1970	1.68	30
1971	Feb. 14, 1971	.83	14
1972	Aug. 14, 1972	2.81	55

06130950 Little Dry Creek near Van Norman, MT

Location.--Lat 47°20'22", long 106°21'47", in NE1/4 NE1/4 sec.9, T.18 N., R.42 E., Garfield County, Hydrologic Unit 10040106, at bridge on State Highway 20, 1.5 mi (2.4 km) southeast of Van Norman.

Drainage area.--1,224 mi² (3,170 km²).

Records available.--May 1958 to September 1975.

Gage.--Crest-stage gage installed May 5, 1958. Altitude of gage is 2,350 ft (716 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1958	July 6, 1958	0.83	160
1959	Mar. 18, 1959	6.80	5,200
1960	Mar. 20, 1960	b7.6	a4,000
1961	Sept. 11, 1961	3.08	1,320
1962	Mar. 22, 1962	2.32	850
1963	Feb. 6, 1963	b2.49	a800
1964	July 5, 1964	2.88	1,200
1965	Aug. 6, 1965	6.01	g4,300
1966	July 3, 1966	4.39	2,450
1967	March 1967	b3.19	a600
1968	July 16, 1968	4.28	2,350
1969	Mar. 21, 1969	b3.96	a1,400
1970	Apr. 28, 1970	2.92	1,200
1971	Mar. 13, 1971	4.51	2,300
1972	Mar. 13, 1972	b5.85	a3,000
1973	Sept. 7, 1973	2.90	1,200
1974	Aug. 21, 1974	6.35	4,600
1975	July 17, 1975	6.09	4,500

06132250 Livermore Creek near Babb, MT

Location.--Lat 48°46'02", long 113°10'33", in NE1/4 sec.28, T.35 N., R.12 W., Glacier County, Hydrologic Unit 10050001, at bridge on State Highway 464, 13.5 mi (21.7 km) southeast of Babb.

Drainage area.--25.0 mi² (64.8 km²).

Records available.--August 1961 to September 1967.

Gage.--Crest-stage gage installed Aug. 13, 1961. Altitude of gage is 4,730 ft (1,440 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1961	--	--	Unknown
1962	Apr. 13, 1962	3.43	152
1963	July 5, 1963	2.62	75
1964	June 8, 1964	--	4,880
1965	May 26, 1965	7.21	1,150
1966	June 4, 1966	7.41	196
1967	May 9, 1967	7.60	a600

06132300 Middle Fork Milk River near Babb, MT

Location.--Lat 48°50'40", long 113°12'50", in SE1/4 sec.30, T.36 N., R.12 W., Glacier County, Hydrologic Unit 10050001, at culvert on State Highway 464, 10 mi (16.1 km) east of Babb.

Drainage area.--14.0 mi² (36.3 km²).

Records available.--August 1961 to September 1964.

Gage.--Crest-stage gage installed Aug. 13, 1961. Altitude of gage is 4,810 ft (1,470 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1961	--	--	Unknown
1962	Apr. 13, 1962	2.62	107
1963	July 5, 1963	b 2.12	a 30
1964	June 8, 1964	2.96	558

06132700 Milk River near Del Bonita, MT

Location.--Lat 48°57'15", long 112°45'08", in center of N1/2 sec.23, T.37 N., R.9 W., Glacier County, Hydrologic Unit 10050001, at bridge on State Highway 483, 3.5 mi (5.6 km) southeast of customs post at Del Bonita.

Drainage area.--325 mi² (842 km²).

Records available.--April 1905 to September 1930, August 1960 to September 1967. (Mostly seasonal record April 1905 to September 1930 and seasonal record station April 1962 to November 1964.)

Gage.--Crest-stage gage installed Aug. 12, 1961. Altitude of gage is 4,030 ft (1,230 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1906	May 31, 1906	5.9	629
1907	June 23, 1907	8.90	1,940
1908	June 6, 1908	15.4	^a 13,000
1911	May 16, 1911	6.55	1,610
1913	Apr. 13, 1913	5.7	1,120
1914	Apr. 12, 1914	4.80	588
1915	June 25, 1915	6.9	1,820
1916	Feb. 16, 1916	8.6	2,840
1917	Apr. 8, 1917	6.42	1,520
1919	Apr. 1, 1919	3.14	326
1923	June 22, 1923	3.62	487
1924	June 8, 1924	4.96	1,230
1927	Apr. 25, 1927	7.60	3,290
1929	June 3, 1929	3.77	597
1930	Mar. 28, 1930	5.90	1,570
1961	--	--	Unknown
1962	Apr. 14, 1962	^b 4.13	^a 800
1963	Feb. 6, 1963	^b 5.10	^d 765
1964	June 8, 1964	9.0	17,300
1965	Apr. 13, 1965	4.87	1,600
1966	June 5, 1966	5.39	2,330
1967	May 8, 1967	6.98	6,600

06137900 England Coulee at Hingham, MT

Location.--Lat 48°33'34", long 110°25'15", in center of sec.3, T.32 N., R.10 E., Hill County, Hydrologic Unit 10050006, at culvert on farm road, 0.5 mi (0.8 km) northeast of Hingham.

Drainage area.--0.93 mi² (2.41 km²).

Records available.--May 1959 to September 1974.

Gage.--Crest-stage gage installed May 27, 1959. Altitude of gage is 3,000 ft (914 m), from topographic map.

06137900 England Coulee at Hingham, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1960	Mar. 17, 1960	1.51	14
1961	--	--	(c)
1962	June 14, 1962	5.46	299
1963	July 3, 1963	2.27	26
1964	April 1964	.06	.1
1965	Apr. 9, 1965	2.71	45
1966	Mar. 9, 1966	1.40	18
1967	Feb. 26, 1967	1.36	17
1968	--	--	(c)
1969	Mar. 22, 1969	1.83	a 20
1970	June 13, 1970	1.62	23
1971	Mar. 13, 1971	1.83	28
1972	Mar. 12, 1972	b 3.39	a 1
1973	--	--	(c)
1974	Aug. 9, 1974	2.10	34

06138800 Spring Coulee near Havre, MT

Location.--Lat 48°25'20", long 109°51'49", in NW1/4 sec.25, T.31 N., R.14 E., Hill County, Hydrologic Unit 10050005, at culverts on county road, 13 mi (20.9 km) southwest of Havre.

Drainage area.--17.8 mi² (46.1 km²).

Records available.--May 1959 to September 1973.

Gage.--Crest-stage gage installed May 26, 1959. Altitude of gage is 2,670 ft (814 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1959	e Mar. 11, 1959	5.60	257
1960	Mar. 17, 1960	--	a 10
1961	--	--	(c)
1962	Mar. 18, 1962	1.32	48
1963	Feb. 3, 1963	1.35	46
1964	--	--	(c)
1965	Apr. 6, 1965	2.01	77
1966	Mar. 9, 1966	6.24	345
1967	Mar. 22, 1967	3.41	146
1968	--	--	(c)
1969	Mar. 26, 1969	5.56	255
1970	July 13, 1970	.73	22
1971	Feb. 12, 1971	5.75	263
1972	Mar. 13, 1972	(f)	a 2
1973	Feb. 28, 1973	(f)	a 3

06139500 Big Sandy Creek near Assinniboine, MT

Location.--Lat 48°31'36", long 109°50'27", in SW1/4 SW1/4 sec.18, T.32 N., R.15 E., Hill County, Hydrologic Unit 10050005, 2 mi (3.2 km) northwest of Assinniboine.

Drainage area.--1,805 mi² (4,675 km²).

Records available.--February 1946 to November 1953 (continuous record), April 1955 to September 1967.

Gage.--Water-stage recorder re-installed Apr. 9, 1955. Altitude of gage is 2,510 ft (765 m), by barometer.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1946	Feb. 27, 1946	--	h 86
1947	Mar. 21, 1947	9.68	i 2,080
1948	Mar. 22, 1948	--	h 17
1949	Mar. 31, 1949	--	h 5
1950	Mar. 29, 1950	3.88	208
1951	Mar. 23, 1951	5.01	391
1952	Apr. 3, 1952	14.70	5,570
1953	June 6, 1953	6.56	714
1954	--	--	Unknown
1955	Apr. 11, 1955	6.48	698
1956	Mar. 30, 1956	b 6.47	a 550
1957	Feb. 28, 1957	b 5.13	a 250
1958	Mar. 28, 1958	--	a 500
1959	Mar. 11, 1959	7.80	1,100
1960	Mar. 25, 1960	a 4.1	215
1961	June 3, 1961	3.64	132
1962	June 12, 1962	2.54	6
1963	Feb. 6, 1963	2.16	.1
1964	May 19, 1964	6.62	700
1965	Apr. 12, 1965	11.31	2,950
1966	Mar. 9, 1966	8.07	1,200
1967	June 13, 1967	6.08	630

06140400 Bullhook Creek near Havre, MT

Location.--Lat 48°30'37", long 109°38'36", in NE1/4 sec.27, T.32 N., R.16 E., Hill County, Hydrologic Unit 10050004, at bridge on county road, 3.5 mi (5.6 km) south of Hayre.

Drainage area.--39.6 mi² (103 km²).

Records available.--May 1959 to September 1975.

Gage.--Crest-stage gage installed May 26, 1959. Altitude of gage is 2,610 ft (796 m), from topographic map.

06140400 Bullhook Creek near Havre, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1960	Mar. 18, 1960	1.84	85
1961	--	--	(c)
1962	Mar. 18, 1962	1.49	55
1963	Feb. 24, 1963	.86	13
1964	May 4, 1964	1.38	47
1965	Aug. 23, 1965	3.68	350
1966	Mar. 9, 1966	3.87	390
1967	Mar. 22, 1967	2.44	135
1968	Feb. 24, 1968	1.75	75
1969	Mar. 26, 1969	4.25	470
1970	Mar. 7, 1970	1.92	90
1971	Jan. 20, 1971	6.04	700
1972	--	--	Unknown
1973	Apr. 24, 1973	1.06	9
1974	Jan. 17, 1974	3.02	190
1975	May 5, 1975	2.27	98

06141900 Milk River tributary near Lohman, MT

Location.--Lat 48°35'03", long 109°25'48", in SW1/4 sec.30, T.33 N., R.18 E., Blaine County, Hydrologic Unit 10050004, at culvert on U.S. Highway 2, 1.2 mi (1.9 km) west of Lohman,

Drainage area.--0.11 mi² (0.28 km²).

Records available.--May 1959 to September 1974.

Gage.--Crest-stage gage installed May 26, 1959. Altitude of gage is 2,450 ft (747 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1960	Mar. 15, 1960	0.24	0.4
1961	--	--	(c)
1962	--	--	(c)
1963	--	--	(c)
1964	--	--	(c)
1965	July 7, 1965	.96	a 5
1966	Mar. 9, 1966	1.24	a 8
1967	Mar. 22, 1967	.48	1.4
1968	--	--	(c)
1969	Mar. 26, 1969	.57	2.5
1970	July 13, 1970	1.78	16
1971	Feb. 12, 1971	1.14	6
1972	June 9, 1972	5.33	72
1973	--	--	(c)
1974	Jan. 17, 1974	.79	3

06155100 Black Coulee near Malta, MT

Location.--Lat 48°12'44", long 108°02'46", in NE1/4 sec.1, T.28 N., R.28 E., Phillips County, Hydrologic Unit 10050004, at bridge on U.S. Highway 191, 12 mi (19.3 km) southwest of Malta.

Drainage area.--6.64 mi² (17.2 km²).

Records available.--July 1955 to September 1967.

Gage.--Crest-stage gage installed July 27, 1955. Altitude of gage is 2,450 ft (747 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1956	July 3, 1956	1.98	a 100
1957	Mar. 19, 1957	1.85	a 90
1958	April 1958	1.02	28
1959	Mar. 13, 1959	b 2.93	a 60
1960	Mar. 18, 1960	b 3.21	Unknown
1961	May 30, 1961	1.04	29
1962	July 18, 1962	2.96	a 200
1963	Feb. 5, 1963	b 2.93	Unknown
1964	May 3, 1964	3.16	a 220
1965	May 7, 1965	2.45	a 150
1966	March 1966	.91	23
1967	March 1967	b 2.68	a 50

06155200 Alkali Creek near Malta, MT

Location.--Lat 48°16'05", long 107°57'57", near center of sec.16, T.29 N., R.29 E., Phillips County, Hydrologic Unit 10050004, at bridge on U.S. Highway 191, 8.2 mi (13.2 km) southwest of Malta.

Drainage area.--162 mi² (420 km²).

Records available.--July 1955 to September 1973.

Gage.--Crest-stage gage installed July 27, 1955. Altitude of gage is 2,270 ft (692 m), from topographic map.

06155200 Alkali Creek near Malta, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1956	Mar. 19, 1956	b 0.85	a 45
1957	Mar. 21, 1957	1.69	355
1958	Mar. 25, 1958	.82	104
1959	Mar. 13, 1959	b 3.0	a 800
1960	--	--	Unknown
1961	--	(f)	a 220
1962	July 14, 1962	2.68	750
1963	Feb. 5, 1963	b 3.09	a 700
1964	May 4, 1964	1.36	245
1965	April 1965	a 4.0	Unknown
1966	--	(f)	a 10
1967	Mar. 22, 1967	b 4.43	Unknown
1968	--	(f)	a 10
1969	Mar. 29, 1969	1.60	322
1970	May 2, 1970	1.76	380
1971	Mar. 30, 1971	b 2.63	a 550
1972	July 25, 1972	(f)	a 20
1973	Apr. 20, 1973	(f)	a 5

06155400 South Fork Taylor Coulee near Malta, MT

Location.--Lat 48°19'33", long 107°54'50", in SE1/4 sec.26, T.30 N., R.29 E., Phillips County, Hydrologic Unit 10050004, at bridge on U.S. Highway 191, 3.5 mi (5.6 km) southwest of Malta.

Drainage area.--5.08 mi² (13.2 km²).

Records available.--July 1955 to September 1973.

Gage.--Crest-stage gage installed July 28, 1955. Altitude of gage is 2,290 ft (698 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1956	Mar. 19, 1956	1.75	52
1957	Mar. 19, 1957	1.43	22
1958	--	--	(c)
1959	July 13, 1959	1.94	84
1960	Mar. 18, 1960	1.89	75
1961	July 30, 1961	.90	2
1962	July 18, 1962	1.54	65
1963	Feb. 5, 1963	.95	20
1964	--	--	(c)
1965	Apr. 12, 1965	.68	a 1
1966	--	--	(c)
1967	Mar. 22, 1967	b 2.16	a 70
1968	Feb. 28, 1968	.12	a 1
1969	--	--	(c)
1970	June 14, 1970	.65	8
1971	Mar. 31, 1971	1.44	24
1972	July 25, 1972	2.04	105
1973	Sept. 2, 1973	.50	1

06172350 Mooney Coulee near Tampico, MT

Location.--Lat 48°17'09", long 106°42'31", in NW1/4 sec.7, T.29 N., R.39 E., Valley County, Hydrologic Unit 10050012, at bridge on U.S. Highway 2, 5.5 mi (8.8 km) east of Tampico.

Drainage area.--14.3 mi² (37.0 km²).

Records available.--August 1960 to September 1975.

Gage.--Crest-stage gage installed Aug. 24, 1960. Altitude of gage is 2,220 ft (677 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1960	--	--	Unknown
1961	June 13, 1961	2.37	400
1962	July 14, 1962	2.20	220
1963	Feb. 5, 1963	b 1.30	a 50
1964	--	--	(c)
1965	May 1965	.14	a 1
1966	July 13, 1966	.40	2
1967	Mar. 27, 1967	b 1.35	85
1968	Feb. 28, 1968	1.05	35
1969	July 6, 1969	.78	17
1970	June 13, 1970	1.30	65
1971	May 30, 1971	1.29	63
1972	June 9, 1972	2.14	210
1973	--	--	(c)
1974	Mar. 12, 1974	b 1.18	a 50
1975	Apr. 21, 1975	.98	33

06175550 East Fork Sand Creek near Vida, MT

Location.--Lat 47°48'10", long 105°36'27", in NW1/4 sec.31, T.24 N., R.48 E., McCone County, Hydrologic Unit 10060001, at culverts on county road, 5.8 road mi (9.3 km) west of State Highway 13, on Sand Creek road, 6 mi (9.7 km) southwest of Vida.

Drainage area.--8.51 mi² (22.0 km²).

Records available.--May 1963 to September 1977.

Gage.--Crest-stage gage installed May 18, 1963. Altitude of gage is 2,200 ft (671 m), from topographic map.

06175550 East Fork Sand Creek near Vida, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1963	June 6, 1953	4.88	600
1964	June 18, 1964	1.24	94
1965	Apr. 2, 1965	--	^a 250
1966	July 2, 1966	5.9	1,180
1967	March 1967	1.23	94
1968	Feb. 28, 1968	.76	75
1969	Mar. 26, 1969	3.53	220
1970	Apr. 7, 1970	1.42	60
1971	Mar. 31, 1971	2.07	130
1972	Aug. 21, 1972	5.96	1,220
1973	--	--	(c)
1974	Aug. 21, 1974	2.25	120
1975	May 6, 1975	3.70	240
1976	June 11, 1976	4.40	420
1977	Feb. 22, 1977	1.26	6

06176500 Wolf Creek near Wolf Point, MT

Location.--Lat 48°05'47", long 105°40'41", in N1/2 sec.17, T.27 N., R.47 E., Roosevelt County, Hydrologic Unit 10060001, 2.0 mi (3.2 km) northwest of Wolf Point.

Drainage area.--251 mi² (650 km²).

Records available.--August 1908 to July 1914 and March 1950 to September 1953 (continuous record), 1954, May 1955 to September 1973.

Gage.--Water-stage recorder reinstalled May 6, 1955. Altitude of gage is 2,010 ft (613 m), from topographic map.

06176500 Wolf Creek near Wolf Point, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1909	--	--	Unknown
1910	Mar. 13-15, 1910	3.9	^d 110
1911	Mar. 19-23, 1911	4.45	^d 154
1912	Apr. 1, 1912	5.9	^d 270
1913	--	--	Unknown
1914	--	--	Unknown
1950	Apr. 18, 1950	5.30	188
1951	Apr. 5, 1951	6.06	324
1952	Apr. 7, 1952	9.25	7,050
1953	June 3, 1953	7.29	1,010
1954	Apr. 4 or 5, 1954	12.9	9,780
1956	Mar. 23, 1956	--	^a 60
1957	July 14, 1957	5.29	^a 180
1958	Apr. 1, 1958	3.30	^a 6
1959	June 21, 1959	6.74	^a 330
1960	Mar. 20, 1960	9.71	7,500
1961	May 22, 1961	5.97	120
1962	June 15, 1962	7.95	1,440
1963	July 11, 1963	5.60	140
1964	May 5, 1964	5.07	52
1965	July 8, 1965	6.32	^a 480
1966	July 2, 1966	6.92	950
1967	Mar. 29, 1967	8.13	1,700
1968	July 16, 1968	6.85	420
1969	Apr. 7, 1969	7.30	^a 1,000
1970	June 13, 1970	7.82	1,400
1971	--	--	Unknown
1972	Mar. 15, 1972	9.51	6,450
1973	June 18, 1973	4.09	10

06177100 Duck Creek near Brockway, MT

Location.--Lat 47°14'20", long 105°48'30", in SE1/4 sec.11, T.17 N., R.46 E., McCone County, Hydrologic Unit 10060002, at bridge on county road, 5 mi (8.0 km) southwest of Brockway.

Drainage area.--54.0 mi² (140 km²).

Records available.--1921-22, miscellaneous measurements only. May 1957 to September 1973.

Gage.--Crest-stage gage installed May 21, 1957. Altitude of gage is 2,580 ft (786 m), from topographic map.

06177100 Duck Creek near Brockway, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1957	July 14, 1957	4.00	640
1958	July 3, 1958	1.05	40
1959	Mar. 18, 1959	5.15	1,000
1960	Mar. 20, 1960	3.57	520
1961	June 1, 1961	-.06	^a 1
1962	June 6, 1962	2.59	270
1963	June 6, 1963	4.79	890
1964	July 5, 1964	1.76	^a 50
1965	June 16, 1965	2.88	340
1966	July 1, 1966	1.85	130
1967	March 1967	^b 1.57	^a 50
1968	Feb. 29, 1968	^b 1.60	^a 10
1969	Mar. 19, 1969	^b 3.04	^a 300
1970	June 12, 1970	2.44	240
1971	Mar. 30, 1971	2.03	160
1972	Mar. 12, 1972	4.67	840
1973	Mar. 1, 1973	.17	5

06177150 Redwater River at Brockway, MT

Location.--Lat 47°18'16", long 105°45'57", in NW1/4 sec.20, T.18 N., R.47 E.,
McCone County, Hydrologic Unit 10060002, at bridge on county road, 0.2 mi
(0.3 km) northwest of Brockway.

Drainage area.--216 mi² (559 km²).

Records available.--January 1958 to September 1973.

Gage.--Crest-stage gage installed Jan. 16, 1958. Altitude of gage is 2,550 ft
(777 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1957	^e July 14, 1957	5.8	1,220
1958	July 3, 1958	1.86	130
1959	Mar. 18, 1959	5.53	1,130
1960	Mar. 20, 1960	^b 6.94	^a 1,000
1961	June 1, 1961	2.26	200
1962	June 6, 1962	5.80	1,220
1963	June 6, 1963	5.45	1,520
1964	July 5, 1964	3.95	790
1965	Apr. 3, 1965	4.56	^a 800
1966	March 1966	3.26	420
1967	March 1967	2.50	250
1968	Feb. 26, 1968	^b 1.90	^a 50
1969	Mar. 19, 1969	2.4	240
1970	June 12, 1970	2.84	330
1971	Apr. 7, 1971	5.84	1,730
1972	Mar. 12, 1972	6.61	1,900
1973	--	.24	5

06177200 Tusler Creek near Brockway, MT

Location.--Lat 47°17'49", long 105°39'48", in SE1/4 sec.24, T.18 N., R.47 E., McCone County, Hydrologic Unit 10060002, at bridge on county road, 4 mi (6.4 km) east of Brockway.

Drainage area.--90.2 mi² (234 km²).

Records available.--October 1956 to September 1972.

Gage.--Crest-stage gage installed Oct. 12, 1956. Altitude of gage is 2,550 ft (777 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1957	Feb. 27, 1957	1.66	200
1958	July 21, 1958	-.22	14
1959	Mar. 18, 1959	^b 2.16	^a 150
1960	Mar. 20, 1960	1.96	280
1961	Mar. 6, 1961	-.04	18
1962	July 19, 1962	3.36	430
1963	June 6, 1963	2.34	280
1964	July 5, 1964	1.88	215
1965	June 16, 1965	1.15	120
1966	March 1966	1.43	155
1967	March 1967	.73	75
1968	--	--	^a 10
1969	Mar. 19, 1969	1.75	197
1970	June 12, 1970	.91	93
1971	Apr. 7, 1971	3.32	420
1972	Mar. 12, 1972	^b 4.10	^a 385

06177250 Tusler Creek tributary near Brockway, MT

Location.--Lat 47°17'46", long 105°41'07", in NE1/4 sec.26, T.18 N., R.47 E., McCone County, Hydrologic Unit 10060002, at bridge on county road, 4 mi (6.4 km) east of Brockway.

Drainage area.--3.17 mi² (8.21 km²).

Records available.--September 1956 to September 1973.

Gage.--Crest-stage gage installed Sept. 15, 1956. Altitude of gage is 2,590 ft (789 m), from topographic map.

06177200 Tusler Creek tributary near Brockway, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1957	July 14, 1957	0.81	61
1958	--	--	(c)
1959	Mar. 18, 1959	.46	37
1960	Aug. 16, 1960	1.10	85
1961	--	--	(c)
1962	--	--	(c)
1963	Feb. 26, 1963	1.49	^a 30
1964	July 5, 1964	7.80	1,610
1965	April 1965	--	^a 1
1966	--	--	(c)
1967	--	--	(c)
1968	--	--	(c)
1969	Mar. 18, 1969	3.04	3
1970	March 1970	5.08	41
1971	Mar. 14, 1971	4.83	35
1972	Mar. 13, 1972	7.00	^a 150
1973	June 18, 1973	3.38	6

06177300 Redwater River tributary near Brockway, MT

Location.--Lat 47°20'46", long 105°41'03", in NE1/4 SE1/4 sec.2, T.18 N., R.47 E., McCone County, Hydrologic Unit 10060002, at culvert on State Highway 20, 4 mi (6.4 km) northeast of Brockway.

Drainage area.--0.29 mi² (0.75 km²).

Records available.--1954, July 1957 to September 1973.

Gage.--Crest-stage gage installed Jan. 15, 1958. Altitude of gage is 2,500 ft (762 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1954	Aug. 18, 1954	7.40	72
1957	July 14, 1957	9.40	83
1958	--	--	(c)
1959	Mar. 18, 1959	^b 4.35	^a 20
1960	Mar. 20, 1960	1.17	12
1961	July 29, 1961	1.65	16
1962	June 6, 1962	.62	8
1963	June 3, 1963	.60	8
1964	July 5, 1964	11.12	234
1965	June 16, 1965	.89	4
1966	March 1966	.69	3
1967	March 1967	.35	2
1968	Feb. 26, 1968	.88	4
1969	Mar. 19, 1969	^b 1.91	2
1970	June 12, 1970	.91	5
1971	--	--	(c)
1972	Mar. 13, 1972	3.70	26
1973	--	--	(c)

06177350 South Fork Dry Ash Creek near Circle, MT

Location.--Lat 47°17'23", long 105°35'29", in NW1/4 sec.27, T.18 N., R.48 E., McCone County, Hydrologic Unit 10060002, at bridge on county road, 9.2 mi (14.8 km) south of Circle.

Drainage area.--5.74 mi² (14.9 km²).

Records available.--June 1955 to September 1972.

Gage.--Crest-stage gage installed June 13, 1955. Altitude of gage is 2,670 ft (814 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1955	July 12, 1955	2.18	56
1956	Mar. 1, 1956	1.37	17
1957	Feb. 26, 1957	1.58	52
1958	June 3, 1958	.23	3
1959	Mar. 22, 1959	2.12	79
1960	Aug. 16, 1960	2.40	85
1961	--	--	(c)
1962	July 14, 1962	1.12	22
1963	June 6, 1963	.76	10
1964	July 5, 1964	1.93	58
1965	June 16, 1965	2.08	66
1966	June 4, 1966	1.52	37
1967	March 1967	1.50	36
1968	--	--	(c)
1969	July 3, 1969	.66	8
1970	March 1970	b 1.65	a 5
1971	Mar. 13, 1971	1.83	53
1972	Mar. 12, 1972	b 3.11	a 80

06177400 McCune Creek near Circle, MT

Location.--Lat 47°20'53", long 105°35'14", in NW1/4 sec.3, T.18 N., R.48 E., McCone County, Hydrologic Unit 10060002, near bridge on county road, 5 mi (8.0 km) south of Circle.

Drainage area.--29.9 mi² (77.4 km²).

Records available.--June 1955 to September 1973.

Gage.--Crest-stage gage installed June 13, 1955. Altitude of gage is 2,500 ft (762 m), from topographic map.

06177400 McCune Creek near Circle, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1955	July 12, 1955	4.32	128
1956	Mar. 20, 1956	3.31	52
1957	July 14, 1957	4.93	175
1958	June 3, 1958	.98	6
1959	Mar. 22, 1959	--	Unknown
1960	Mar. 20, 1960	5.44	^a 150
1961	Mar. 6, 1961	1.36	^a 5
1962	July 19, 1962	7.26	235
1963	June 6, 1963	6.29	^a 450
1964	July 5, 1964	6.98	^a 1,000
1965	June 16, 1965	5.28	180
1966	Mar. 10, 1966	4.70	110
1967	March 1967	3.42	90
1968	June 10, 1968	2.38	^a 10
1969	June 26, 1969	3.55	120
1970	July 14, 1970	2.18	15
1971	Mar. 13, 1971	4.23	500
1972	Mar. 13, 1972	4.50	^a 800
1973	June 18, 1973	2.03	^a 5

06181200 Missouri River tributary No. 2 near Brockton, MT

Location.--Lat 48°09'20", long 104°53'32", in NE1/4 sec.29, T.28 N., R.53 E., Roosevelt County, Hydrologic Unit 10060005, at culverts on U.S. Highway 2, 1.2 mi (1.9 km) east of Brockton.

Drainage area.--1.60 mi² (4.14 km²).

Records available.--August 1962 to September 1976.

Gage.--Crest-stage gage installed May 19, 1963. Altitude of gage is 1,960 ft (597 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1962	Aug. 10, 1962	8.08	260
1963	July 24, 1963	8.34	313
1964	Apr. 1, 1964	1.53	12
1965	June 15, 1965	1.88	17
1966	July 4, 1966	1.23	8
1967	March 1967	^b 2.91	^a 35
1968	Aug. 15, 1968	(f)	1
1969	Apr. 6, 1969	1.30	8
1970	July 23, 1970	1.64	13
1971	Mar. 15, 1971	1.10	7
1972	June 9, 1972	5.35	103
1973	June 18, 1973	(f)	1
1974	May 13, 1974	.76	2
1975	July 1975	2.01	19
1976	June 8, 1976	1.35	9

06183000 Big Muddy Creek at Plentywood, MT

Location.--Lat 48°45'55", long 104°34'22", in NW1/4 NW1/4 sec.30, T.35 N., R.55 E., Sheridan County, Hydrologic Unit 10060006, at Plentywood.

Drainage area.--850 mi² (2,202 km²).

Records available.--April 1948 to September 1953 (continuous record), June 1955 to September 1967.

Gage.--Crest-stage gage installed June 10, 1955. Recording gage April 1948 to September 1953. Altitude of gage is 1,980 ft (604 m), by barometer.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1948	Apr. 19, 1948	15.64	2,850
1949	Mar. 30, 1949	10.49	1,020
1950	Apr. 18, 1950	12.27	1,620
1951	May 3, 1951	11.38	1,360
1952	Apr. 8, 1952	19.00	7,240
1953	June 30, 1953	19.40	8,000
1954	--	--	Unknown
1955	--	(f)	a 210
1956	Mar. 22, 1956	b 6.63	a 300
1957	July 16, 1957	6.58	413
1958	Mar. 29, 1958	12.92	1,630
1959	June 30, 1959	10.61	945
1960	Mar. 22, 1960	b 17.37	a 3,500
1961	May 30, 1961	6.03	260
1962	Mar. 27, 1962	11.99	1,250
1963	Mar. 22, 1963	b 12.00	a 750
1964	May 3, 1964	7.14	390
1965	Apr. 16, 1965	7.98	500
1966	Mar. 14, 1966	9.58	750

06183100 Box Elder Creek near Plentywood, MT

Location.--Lat 48°49'30", long 104°29'50", in sec.34, T.36 N., R.55 E., Sheridan County, Hydrologic Unit 10060006, at culverts on county road, 4 mi (6.4 km) northeast of Plentywood.

Drainage area.--9.40 mi² (24.3 km²).

Records available.--June 1955 to September 1973.

Gage.--Crest-stage gage installed June 10, 1955. Altitude of gage is 2,200 ft (671 m), from topographic map.

06183100 Box Elder Creek near Plentywood, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1956	March 1956	0.25	0
1957	July 23, 1957	7.24	328
1958	Mar. 30, 1958	1.88	22
1959	June 26, 1959	3.89	126
1960	Mar. 21, 1960	6.24	265
1961	July 30, 1961	1.58	41
1962	Mar. 26, 1962	2.79	65
1963	Sept. 17, 1963	4.06	103
1964	Mar. 31, 1964	5.49	217
1965	Apr. 14, 1965	2.90	72
1966	Mar. 13, 1966	2.98	75
1967	Mar. 22, 1967	^b 5.82	170
1968	March 1968	2.13	35
1969	Apr. 4, 1969	^b 6.24	^a 180
1970	June 13, 1970	1.95	28
1971	Apr. 5, 1971	3.83	93
1972	Mar. 15, 1972	^b 5.83	^a 200
1973	Mar. 3, 1973	.83	3

06183200 Box Elder Creek at damsite, near Plentywood, MT

Location.--Lat 48°47'39", long 104°32'15", in NE1/4 sec.17, T.35 N., R.55 E., Sheridan County, Hydrologic Unit 10060006, at old damsite, 1.5 mi (2.4 km) north of Plentywood.

Drainage area.--19.9 mi² (51.5 km²).

Records available.--1953, March 1955 to September 1963.

Gage.--Crest-stage gage installed June 10, 1955. Altitude of gage is 2,120 ft (646 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1953	^e June 30, 1953	6.52	6,530
1955	^e Mar. 29, 1955	2.42	890
1956	--	--	(c)
1957	July 23, 1957	3.56	1,600
1958	Mar. 30, 1958	.75	210
1959	June 26, 1959	1.38	430
1960	Mar. 22, 1960	2.27	820
1961	Mar. 20, 1961	1.26	395
1962	Mar. 26, 1962	1.59	530
1963	Sept. 17, 1963	.81	230

06183400 Spring Creek at Highway 16, near Plentywood, MT

Location.--Lat 48°46'03", long 104°31'10", in SE1/4 sec.21, T.35 N., R.55 E., Sheridan County, Hydrologic Unit 10060006, at bridge on State Highway 16, 1.5 mi (2.4 km) east of Plentywood.

Drainage area.--16.9 mi² (43.8 km²).

Records available.--June 1955 to September 1973, 1976.

Gage.--Crest-stage gage installed June 23, 1955. Altitude of gage is 2,040 ft (622 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1955	--	--	(c)
1956	Apr. 3, 1956	0.74	4
1957	July 23, 1957	3.38	540
1958	Mar. 30, 1958	2.40	230
1959	June 26, 1959	3.70	660
1960	May 24, 1960	3.56	600
1961	Mar. 20, 1961	1.02	10
1962	Mar. 26, 1962	2.85	375
1963	Sept. 17, 1963	3.61	620
1964	May 3, 1964	1.24	26
1965	Apr. 15, 1965	1.18	20
1966	Mar. 13, 1966	b 2.77	a 60
1967	April 1967	1.64	80
1968	March 1968	b 2.01	a 40
1969	Apr. 4, 1969	b 3.55	a 100
1970	June 13, 1970	.81	4
1971	May 31, 1971	1.17	20
1972	Mar. 15, 1972	b 3.65	a 300
1973	June 3, 1973	.83	4
1976	June 12, 1976	3.80	690

06185100 Big Muddy Creek tributary near Culbertson, MT

Location.--Lat 48°11'34", long 104°41'49", in center of east edge of sec.11, T.28 N., R.54 E., Roosevelt County, Hydrologic Unit 10060006, at culverts on county road, 1.9 mi (3.1 km) north of U.S. Highway 2, 10 mi (16.1 km) northeast of Brockton, and 9 mi (14.5 km) northwest of Culbertson.

Drainage area.--7.38 mi² (10.1 km²).

Records available.--May 1963 to September 1977.

Gage.--Crest-stage gage installed May 19, 1963. Altitude of gage is 1,940 ft (591 m), from topographic map.

06185100 Big Muddy Creek tributary near Culbertson, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1963	July 10, 1963	9.6	676
1964	June 18, 1964	3.60	85
1965	June 15, 1965	1.00	20
1966	March 1966	.75	10
1967	Mar. 24, 1967	8.8	340
1968	Feb. 29, 1968	1.90	45
1969	Apr. 7, 1969	4.82	115
1970	--	--	(c)
1971	Mar. 16, 1971	2.21	22
1972	June 9, 1972	8.28	195
1973	Mar. 3, 1973	.60	10
1974	Jan. 17, 1974	.76	12
1975	Apr. 11, 1975	1.69	38
1976	June 12, 1976	8.66	317
1977	Mar. 7, 1977	.53	5

06185200 Missouri River tributary No. 3 near Culbertson, MT

Location.--Lat 48°06'17", long 104°30'55", in center of sec.8, T.27 N., R.56 E., Richland County, Hydrologic Unit 10060005, at culvert on county road along the south side of the Missouri River, 2.2 mi (3.5 km) west of State Highway 16, 3 mi (4.8 km) south of Culbertson.

Drainage area.--1.23 mi² (3.19 km²).

Records available.--May 1963 to September 1977.

Gage.--Crest-stage gage installed May 19, 1963. Altitude of gage is 1,950 ft (594 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1963	Aug. 25, 1963	3.88	142
1964	--	--	(c)
1965	--	--	a 1
1966	July 4, 1966	--	2,570
1967	March 1967	1.44	14
1968	Feb. 29, 1968	.87	3
1969	July 7, 1969	1.52	16
1970	Apr. 7, 1970	1.23	9
1971	June 24, 1971	2.45	47
1972	Aug. 14, 1972	1.68	20
1973	--	--	(c)
1974	Jan. 17, 1974	1.98	28
1975	July 17, 1975	1.81	23
1976	June 12, 1976	7.43	280
1977	Feb. 23, 1977	.50	1

06185300 Missouri River tributary No. 4 near Bainville, MT

Location.--Lat 48°08'24", long 104°20'35", in NW1/4 sec.34, T.28 N., R.57 E., Roosevelt County, Hydrologic Unit 10060005, at culvert on U.S. Highway 2, 0.8 mi (1.3 km) east of Lannark, 8 mi (12.9 km) east of Culbertson.

Drainage area.--11.6 mi² (30.0 km²).

Records available.--May 1963 to September 1977.

Gage.--Crest-stage gage installed May 19, 1963. Altitude of gage is 2,000 ft (610 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1963	July 24, 1963	2.83	323
1964	June 14, 1964	12.02	1,670
1965	Apr. 17, 1965	2.28	250
1966	July 4, 1966	5.67	739
1967	March 1967	3.95	500
1968	Feb. 29, 1968	2.16	230
1969	July 7, 1969	4.54	580
1970	Apr. 7, 1970	1.21	80
1971	June 24, 1971	2.43	270
1972	Mar. 15, 1972	4.34	550
1973	--	--	(c)
1974	Jan. 17, 1974	2.70	310
1975	Apr. 15, 1975	b2.46	180
1976	June 12, 1976	3.57	445
1977	--	--	(c)

06201550 Yellowstone River tributary near Greycliff, MT

Location.--Lat 45°44'07", long 109°43'51", in SE1/4 sec.23, T.1 S., R.16 E., Sweet Grass County, Hydrologic Unit 10070002, at culvert on Interstate Highway 90 and U.S. Highway 10, 4 mi (6.4 km) southeast of Greycliff.

Drainage area.--2.72 mi² (7.04 km²).

Records available.--May 1959 to September 1974.

Gage.--Crest-stage gage installed May 5, 1959. Altitude of gage is 3,860 ft (1,180 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1960	--	--	(c)
1961	--	--	(c)
1962	Feb. 8, 1962	0.45	3
1963	June 14, 1963	.55	4
1964	--	--	(c)
1965	Aug. 22, 1965	2.31	48
1966	Mar. 10, 1966	.48	3
1967	June 14, 1967	1.52	32
1968	Feb. 19, 1968	1.22	16
1969	Mar. 17, 1969	2.51	55
1970	May 21, 1970	1.22	16
1971	Feb. 15, 1971	.80	8
1972	July 19, 1972	.98	10
1973	Apr. 20, 1973	.51	8
1974	Jan. 15, 1974	1.95	35

06201600 Bridger Creek near Greycliff, MT

Location.--Lat 45°41'30", long 109°42'55", in NW1/4 sec.2, T.2 S., R.16 E., Sweet Grass County, Hydrologic Unit 10070002, at bridge on county road, 6 mi (9.7 km) southeast of Greycliff.

Drainage area.--61.5 mi² (159 km²).

Records available.--May 1959 to September 1975.

Gage.--Crest-stage gage installed May 5, 1959. Altitude of gage is 4,080 ft (1,240 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1960	May 1960	0.62	18
1961	March 1961	-.03	5
1962	May 26, 1962	1.36	67
1963	June 14, 1963	1.46	71
1964	June 9, 1964	--	a 80
1965	Aug. 28, 1965	1.08	58
1966	May 5, 1966	1.38	75
1967	June 14, 1967	--	2,680
1968	June 9, 1968	3.81	315
1969	June 9, 1969	5.49	844
1970	May 21, 1970	4.98	650
1971	Apr. 26, 1971	2.57	135
1972	May 24, 1972	3.93	65
1973	May 1, 1973	3.93	355
1974	Jan. 15, 1974	2.78	170
1975	May 7, 1975	6.15	1,300

06201650 Work Creek near Reed Point, MT

Location.--Lat 45°42'12", long 109°37'28", in SE1/4 sec.33, T.1 S., R.17 E., Sweet Grass County, Hydrologic Unit 10070004, at bridge on county road, 4 mi (6.4 km) west of Reed Point.

Drainage area.--32.5 mi² (84.2 km²).

Records available.--May 1959 to September 1973.

Gage.--Crest-stage gage installed May 4, 1959. Altitude of gage is 3,820 ft (1,160 m), from topographic map.

06201650 Work Creek near Reed Point, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1959	Sept. 21, 1959	2.3	a 100
1960	May 1960	--	a 5
1961	--	--	(c)
1962	June 13, 1962	4.08	406
1963	June 14, 1963	1.97	19
1964	--	--	(c)
1965	Apr. 2, 1965	2.05	25
1966	Mar. 10, 1966	2.48	73
1967	June 14, 1967	4.65	720
1968	June 9, 1968	3.64	320
1969	June 9, 1969	3.72	345
1970	May 21, 1970	4.56	670
1971	Feb. 15, 1971	2.54	80
1972	Feb. 28, 1972	b 2.78	a 50
1973	May 1, 1973	3.93	280

06201750 Berry Creek near Columbus, MT

Location.--Lat 45°42'20", long 109°23'26", in NW1/4 sec.33, T.1 S., R.19 E., Stillwater County, Hydrologic Unit 10070004, at bridge on county road, 8 mi (12.9 km) northwest of Columbus.

Drainage area.--23.5 mi² (60.9 km²).

Records available.--May 1959 to September 1973.

Gage.--Crest-stage gage installed May 4, 1959. Altitude of gage is 3,700 ft (1,130 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1958	e July 7, 1958	4.54	620
1959	e Mar. 1, 1959	3.86	283
1960	June 15, 1960	.02	0
1961	May 15, 1961	.10	0
1962	July 31, 1962	6.62	a 2,000
1963	June 14, 1963	2.60	55
1964	Apr. 24, 1964	.53	.5
1965	Aug. 22, 1965	.52	.5
1966	Mar. 10, 1966	.31	0
1967	May 1967	.66	.8
1968	June 9, 1968	.83	10
1969	Mar. 17, 1969	2.80	70
1970	May 21, 1970	3.30	135
1971	Feb. 15, 1971	1.70	11
1972	Feb. 19, 1972	b 1.24	.2
1973	May 1973	.85	1.5

06216300 West Buckeye Creek near Billings, MT

Location.--Lat 45°39'03", long 108°23'53", in NE1/4 sec.21, T.2 S., R.27 E., Yellowstone County, Hydrologic Unit 10070008, 2,000 ft (610 m) upstream from bridge on county road, 17 mi (27.4 km) southeast of Billings.

Drainage area.--2.64 mi² (6.84 km²).

Records available.--May 1955 to September 1973.

Gage.--Crest-stage gage installed May 26, 1955. Altitude of gage is 3,500 ft (1,070 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1955	Aug. 25, 1955	1.54	17
1956	May 29, 1956	2.24	92
1957	May 12, 1957	1.81	185
1958	July 2, 1958	1.31	83
1959	June 4, 1959	.68	15
1960	May 2, 1960	1.16	60
1961	May 24, 1961	.80	22
1962	Mar. 9, 1962	1.03	44
1963	June 20, 1963	1.37	a 30
1964	Apr. 26, 1964	4.48	215
1965	Apr. 2, 1965	3.38	135
1966	Mar. 10, 1966	3.8	225
1967	June 6, 1967	2.69	149
1968	June 9, 1968	2.62	142
1969	July 18, 1969	5.05	924
1970	June 12, 1970	1.10	47
1971	June 10, 1971	2.65	142
1972	Feb. 20, 1972	1.19	47
1973	Apr. 25, 1973	1.13	38

06216500 Pryor Creek near Billings, MT

Location.--Lat 45°42'54", long 108°18'47", in sec.30, T.1 S., R.28 E., Yellowstone County, Hydrologic Unit 10070008, at bridge on Interstate Highway 90 and U.S. Highway 87, 11 mi (17.7 km) southeast of Billings.

Drainage area.--440 mi² (1,140 km²).

Records available.--September 1911 to September 1924 and March 1938 to December 1953 (continuous record), May 1955 to September 1973.

Gage.--Crest-stage gage installed May 26, 1955. Wire-weight gage September 1911 to September 1924 and March 1938 to December 1953. Altitude of gage is 3,310 ft (1,010 m), by barometer.

06216500 Pryor Creek near Billings, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1912	July 3, 1912	11.2	d 930
1913	^a Mar. 20, 1913	12.54	1,130
1914	June 26, 1914	9.3	d 595
1915	June 12, 1915	9.7	d 645
1916	May 22, 1916	7.01	d 333
1917	June 5, 1917	10.4	d 750
1918	Mar. 27, 1918	8.35	d 480
1919	Aug. 2, 1919	7.30	d 344
1920	May 12, 1920	10.37	d 740
1921	June 9, 1921	9.60	d 635
1922	May 11, 1922	7.65	d 400
1923	Sept. 30, 1923	9.25	d 590
1924	Apr. 4, 1924	10.04	d 705
1938	June 24, 1938	7.9	1,230
1939	June 18, 1939	3.35	d 332
1940	Apr. 16, 1940	2.83	d 208
1941	Sept. 8, 1941	4.68	d 607
1942	May 14, 1942	9.2	1,500
1943	Mar. 26, 1943	--	^h 1,000
1944	June 19, 1944	7.66	^d 1,150
1945	June 11, 1945	4.80	625
1946	June 12, 1946	3.98	d 489
1947	Mar. 19, 1947	--	^h 890
1948	Apr. 20, 1948	3.95	^d 464
1949	June 3, 1949	2.22	^d 133
1950	Feb. 25, 1950	--	^h 230
1951	Mar. 22, 1951	^b 9.82	^d 761
1952	May 22, 1952	4.25	^d 424
1953	June 7, 1953	2.43	^d 145
1955	June 16, 1955	3.44	286
1956	Feb. 22, 1956	^b 9.12	^a 800
1957	June 8, 1957	6.14	825
1958	Feb. 20, 1958	3.26	262
1959	Mar. 2, 1959	4.65	508
1960	May 2, 1960	9.9	1,700
1961	Sept. 20, 1961	3.44	288
1962	Mar. 9, 1962	6.20	840
1963	Apr. 28, 1963	8.40	1,330
1964	Apr. 26, 1964	15.04	3,720
1965	Apr. 2, 1965	7.09	1,040
1966	Mar. 11, 1966	8.84	1,440
1967	June 14, 1967	4.72	520
1968	June 10, 1968	8.10	1,270
1969	June 26, 1969	9.48	1,600
1970	May 30, 1970	6.61	910
1971	Feb. 14, 1971	9.39	^a 750
1972	Feb. 28, 1972	^b 11.64	1,600
1973	Apr. 25, 1973	7.66	1,160

06217800 Yellowstone River tributary No. 2 near Pompeys Pillar, MT

Location.--Lat 46°02'31", long 107°47'47", in NW1/4 sec.6, T.3 N., R.32 E., Yellowstone County, Hydrologic Unit 10070007, at culvert on Interstate Highway 94 and U.S. Highways 10 and 312, 0.7 mi (1.1 km) west of Spring Creek, 8 mi (12.9 km) east of Pompeys Pillar, and 13 mi (20.9 km) west of Custer.

Drainage area.--0.70 mi² (1.81 km²).

Records available.--May 1962 to September 1973.

Gage.--Crest-stage gage installed Apr. 28, 1963. Altitude of gage is 2,850 ft (869 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1962	e May 13, 1962	a 1.5	22
1963	--	--	(c)
1964	--	--	(c)
1965	--	--	(c)
1966	Mar. 14, 1966	.20	a 2
1967	--	--	(c)
1968	--	--	.1
1969	Mar. 18, 1969	.15	a 2
1970	Apr. 28, 1970	--	.1
1971	Feb. 12, 1971	.76	11
1972	Feb. 28, 1972	.34	5
1973	Feb. 26, 1973	b .06	a .1

06294800 Unknown Creek near Bighorn, MT

Location.--Lat 46°11'50", long 107°24'33", in SE1/4 sec.12, T.5 N., R.34 E., Treasure County, Hydrologic Unit 10100001, at bridge on Interstate Highway 94 and U.S. Highways 10 and 312, 4 mi (6.4 km) east of Bighorn.

Drainage area.--14.6 mi² (37.8 km²).

Records available.--May 1962 to September 1976.

Gage.--Crest-stage gage installed Apr. 27, 1963. Altitude of gage is 2,690 ft (820 m), from topographic map.

06294800 Unknown Creek near Bighorn, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1962	^e May 13, 1962	3.98	^a 800
1963	June 4, 1963	3.60	657
1964	June 18, 1964	2.73	^a 370
1965	July 19, 1965	3.48	610
1966	Mar. 9, 1966	^b 2.33	^a 50
1967	March 1967	^b 2.29	^a 100
1968	June 9, 1968	1.69	157
1969	June 26, 1969	2.44	300
1970	Apr. 28, 1970	.49	20
1971	July 15, 1971	.88	55
1972	Feb. 28, 1972	^b 1.12	10
1973	Feb. 28, 1973	^b 1.34	^a 15
1974	Jan. 20, 1974	^b 1.36	^a 20
1975	May 6, 1975	2.74	365
1976	June 11, 1976	3.62	670

06294850 Buckingham Coulee near Myers, MT

Location.--Lat 46°14'12", long 107°17'24", in SW1/4 sec.25, T.6 N., R.35 E., Treasure County, Hydrologic Unit 10100001, at bridge on Interstate Highway 94 and U.S. Highways 10 and 312, 3 mi (4.8 km) southeast of Myers, and 5 mi (8.0 km) southwest of Hysham.

Drainage area.--2.63 mi² (6.81 km²).

Records available.--May 1962 to September 1976.

Gage.--Crest-stage gage installed Apr. 27, 1963. Altitude of gage is 2,820 ft (860 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1962	^e May 13, 1962	1.10	20
1963	June 4, 1963	.50	6
1964	June 18, 1964	2.20	122
1965	July 9, 1965	3.84	398
1966	Mar. 9, 1966	^b 1.84	^a 40
1967	June 12, 1967	.78	11
1968	June 13, 1968	1.08	20
1969	Mar. 18, 1969	1.62	50
1970	--	--	(c)
1971	July 2, 1971	1.91	84
1972	Feb. 28, 1972	.93	15
1973	--	--	(c)
1974	June 8, 1974	.84	6
1975	July 31, 1975	2.05	102
1976	June 11, 1976	1.49	38

06294900 Middle Fork Froze to Death Creek tributary near Ingomar, MT

Location.--Lat 46°34'52", long 107°23'59", in NE1/4 sec.35, T.10 N., R.34 E., Rosebud County, Hydrologic Unit 10100001, at culverts on U.S. Highway 12, 1.1 mi (1.8 km) west of Ingomar.

Drainage area.--1.36 mi² (3.52 km²).

Records available.--July 1962 to September 1976.

Gage.--Crest-stage gage installed May 16, 1963. Altitude of gage is 2,990 ft (911 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1962	July 16, 1962	9.08	463
1963	June 21, 1963	1.30	44
1964	June 18, 1964	1.95	65
1965	July 10, 1965	5.44	300
1966	July 15, 1966	1.55	52
1967	June 18, 1967	1.89	67
1968	June 9, 1968	1.57	54
1969	July 7, 1969	2.40	90
1970	Aug. 6, 1970	3.25	132
1971	May 31, 1971	1.23	45
1972	Aug. 14, 1972	2.81	110
1973	Apr. 20, 1973	1.72	60
1974	Jan. 15, 1974	.73	28
1975	May 6, 1975	1.31	45
1976	Apr. 6, 1976	.21	2

06295050 Little Porcupine Creek near Forsyth, MT

Location.--Lat 46°18'15", long 106°34'28", in NE1/4 sec.3, T.6 N., R.41 E., Rosebud County, Hydrologic Unit 10100001, at bridge on county road, 6 mi (9.7 km) northeast of Forsyth.

Drainage area.--614 mi² (1,590 km²).

Records available.--May 1958 to September 1973, 1975.

Gage.--Crest-stage gage installed May 9, 1958. Altitude of gage is 2,480 ft (756 m), from topographic map

06295050 Little Porcupine Creek near Forsyth, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1958	June 3, 1958	4.9	1,480
1959	Mar. 20, 1959	7.08	2,650
1960	Mar. 20, 1960	7.17	2,700
1961	Sept. 20, 1961	8.14	3,320
1962	June 15, 1962	4.53	1,310
1963	June 3, 1963	5.98	2,030
1964	Apr. 27, 1964	2.75	680
1965	Apr. 1, 1965	9.00	3,750
1966	July 2, 1966	4.57	1,350
1967	June 12, 1967	5.16	1,600
1968	Feb. 29, 1968	4.03	1,100
1969	Mar. 21, 1969	b 7.66	a 1,000
1970	June 12, 1970	(f)	a 500
1971	Apr. 10, 1971	2.45	580
1972	Mar. 16, 1972	11.7	9,350
1973	Apr. 20, 1973	2.13	500
1975	July 31, 1975	6.87	2,550

06295100 Rosebud Creek near Kirby, MT

Location.--Lat 45°14'01", long 106°57'23", in NE1/4 sec.16, T.7 S., R.39 E., Big Horn County, Hydrologic Unit 10100003, at culvert on private road, 7 mi (11.3 km) south of Kirby.

Drainage area.--34.2 mi² (88.6 km²).

Records available.--April 1959 to September 1974.

Gage.--Crest-stage gage installed Apr. 15, 1959. Altitude of gage is 4,180 ft (1,270 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1960	Mar. 19, 1960	1.78	55
1961	--	--	(c)
1962	June 16, 1962	1.45	44
1963	Apr. 28, 1963	2.67	85
1964	Apr. 26, 1964	2.24	60
1965	Apr. 1, 1965	b 4.78	a 250
1966	June 22, 1966	2.50	78
1967	June 12, 1967	5.20	287
1968	June 9, 1968	5.72	540
1969	June 26, 1969	4.72	195
1970	May 7, 1970	5.00	240
1971	Apr. 25, 1971	4.51	165
1972	Mar. 10, 1972	b 2.29	55
1973	Apr. 20, 1973	2.20	66
1974	June 7, 1974	.95	24

06295130 Rosebud Creek tributary near Busby, MT

Location.--Lat 45°35'00", long 106°51'32", in NE1/4 sec.13, T.3 S., R.39 E., Big Horn County, Hydrologic Unit 10100003, at bridge on U.S. Highway 212, 1.1 mi (1.8 km) east of Two Moon Creek, 6 mi (9.7 km) northeast of Busby.

Drainage area.--1.14 mi² (2.95 km²).

Records available.--April 1963 to September 1977.

Gage.--Crest-stage gage installed Apr. 23, 1963. Altitude of gage is 3,310 ft (1,010 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1963	--	--	(c)
1964	June 18, 1964	1.31	10
1965	Aug. 21, 1965	1.23	8
1966	Mar. 11, 1966	^b .81	^a 1
1967	March 1967	.99	6
1968	February 1968	^b 1.17	^a 3
1969	Mar. 19, 1969	^b 1.61	9
1970	July 22, 1970	.66	3
1971	Apr. 25, 1971	1.16	8
1972	May 19, 1972	1.01	6
1973	--	--	(c)
1974	Apr. 7, 1974	.66	4
1975	Mar. 3, 1975	1.56	11
1976	Feb. 24, 1976	.74	4
1977	July 10, 1977	1.09	7

06295200 Whitedirt Creek near Lame Deer, MT

Location.--Lat 45°36'29", long 106°45'02", in NE1/4 sec.2, T.3 S., R.40 E., Big Horn County, Hydrologic Unit 10100003, at bridge on county road, 4.5 mi (7.2 km) west of Lame Deer.

Drainage area.--1.58 mi² (4.09 km²).

Records available.--April 1959 to September 1973.

Gage.--Crest-stage gage installed Apr. 15, 1959. Altitude of gage is 3,290 ft (1,000 m), from topographic map.

06295200 Whitedirt Creek near Lame Deer, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1959	March 1959	--	a 5
1960	Mar. 20, 1960	0.59	3
1961	Sept. 10, 1961	.32	2
1962	February 1962	.53	3
1963	June 3, 1963	1.38	31
1964	June 8, 1964	1.43	33
1965	July 1, 1965	.86	8
1966	Sept. 12, 1966	1.37	30
1967	June 12, 1967	1.3	19
1968	June 13, 1968	1.68	45
1969	Mar. 19, 1969	b 1.36	a 4
1970	June 12, 1970	.50	1
1971	Mar. 25, 1971	1.24	23
1972	Mar. 15, 1972	1.14	18
1973	--	--	(c)

06296000 Rosebud Creek near Forsyth, MT

Location.--Lat 46°11'50", long 106°28'25", in SW1/4 sec.9, T.5 N., R.42 E., Rosebud County, Hydrologic Unit 10100003, 10 mi (16.1 km) southeast of Forsyth.

Drainage area.--1,279 mi² (3,313 km²).

Records available.--May 1947 to December 1953 (continuous record), July 1955 to September 1967, 1969.

Gage.--Water-stage recorder re-installed July 15, 1955. Altitude of gage is 2,540 ft (774 m), by barometer.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1948	July 21, 1948	8.41	382
1949	Mar. 8, 1949	8.96	418
1950	June 9, 1950	7.90	250
1951	Sept. 1, 1951	8.42	280
1952	Mar. 29, 1952	7.81	269
1953	May 30, 1953	10.27	d 596
1954	--	--	Unknown
1955	--	--	50
1956	March 1956	8.78	a 350
1957	June 17, 1957	8.78	342
1958	March 1958	--	Unknown
1959	Mar. 3, 1959	--	a 570
1960	March 1960	--	Unknown
1961	Sept. 10, 1961	9.58	435
1962	June 7, 1962	9.16	378
1963	June 16, 1963	6.58	182
1964	June 19, 1964	9.49	420
1965	Apr. 1, 1965	10.42	a 600
1966	June 4, 1966	7.07	215
1967	June 19, 1967	7.79	265
1969	Mar. 19, 1969	11.66	a 3,000

06296100 Snell Creek near Hathaway, MT

Location.--Lat 46°17'39", long 106°08'52", in NW1/4 sec.7, T.6 N., R.45 E., Custer County, Hydrologic Unit 10100001, at bridge on old U.S. Highways 10 and 12, 2.5 mi (4.0 km) northeast of Hathaway, and 3 mi (4.8 km) southwest of Cottonwood Creek.

Drainage area.--10.5 mi² (27.2 km²).

Records available.--April 1963 to September 1977.

Gage.--Crest-stage gage installed Apr. 26, 1963. Altitude of gage is 2,550 ft (777 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1963	June 3, 1963	1.69	a 170
1964	Aug. 29, 1964	.30	1
1965	June 14, 1965	2.20	a 340
1966	June 4, 1966	2.35	a 380
1967	June 7, 1967	1.3	85
1968	Feb. 26, 1968	1.05	45
1969	Mar. 18, 1969	2.33	375
1970	July 14, 1970	1.37	96
1971	Mar. 25, 1971	b 1.95	a 70
1972	Mar. 14, 1972	b 1.17	32
1973	Apr. 20, 1973	1.47	95
1974	June 7, 1974	1.35	75
1975	May 5, 1975	1.54	77
1976	June 7, 1976	2.49	410
1977	June 3, 1977	1.40	53

06307640 Spring Creek near Ashland, MT

Location.--Lat 45°33'06", long 106°17'07", in NW1/4 sec.27, T.3 S., R.44 E., Rosebud County, Hydrologic Unit 10090102, at culvert on county road, along east side of Tongue River, 3.3 road mi (5.3 km) south of U.S. Highway 212, 3 mi (4.8 km) south of Ashland.

Drainage area.--1.56 mi² (4.04 km²).

Records available.--June 1962 to September 1976.

Gage.--Crest-stage gage installed Apr. 24, 1963. Altitude of gage is 2,980 ft (908 m), from topographic map.

06307640 Spring Creek near Ashland, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1962	June 16, 1962	4.12	110
1963	July 5, 1963	6.90	148
1964	June 18, 1964	^b 1.60	^a 30
1965	July 12, 1965	6.8	215
1966	June 22, 1966	2.98	80
1967	June 12, 1967	3.34	94
1968	June 9, 1968	2.58	64
1969	June 19, 1969	14.52	2,080
1970	June 12, 1970	6.06	138
1971	Aug. 30, 1971	4.53	117
1972	June 25, 1972	8.18	135
1973	July 23, 1973	--	140
1974	July 2, 1974	--	116
1975	July 18, 1975	3.39	95
1976	June 23, 1976	10.31	164

06307660 Walking Horse Creek near Ashland, MT

Location.--Lat. 45°36'23", long 106°17'14", in NW1/4 sec.3, T.3 S., R.44 E., Rosebud County, Hydrologic Unit 10090102, at culvert on county road along west side of Tongue River, 1.3 mi (2.1 km) north of U.S. Highway 212, and 1.5 mi (2.4 km) northwest of Ashland.

Drainage area.--3.33 mi² (8.62 km²).

Records available.--April 1963 to September 1977.

Gage.--Crest-stage gage installed Apr. 24, 1963. Altitude of gage is 2,950 ft (899 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1963	--	--	(c)
1964	--	--	(c)
1965	July 1, 1965	0.50	5
1966	--	--	(c)
1967	June 12, 1967	.28	1
1968	February 1968	1.75	58
1969	Mar. 19, 1969	1.52	^a 40
1970	--	--	(c)
1971	Feb. 14, 1971	1.20	34
1972	Feb. 28, 1972	1.13	32
1973	--	--	(c)
1974	July 2, 1974	.53	9
1975	Mar. 3, 1975	1.55	46
1976	Sept. 15, 1976	.31	1
1977	Mar. 9, 1977	^b .81	^a 20

06307760 Stebbins Creek near Ashland, MT

Location.--Lat 45°37'10", long 106°24'35", in center of sec.34, T.2 S., R.43 E., Rosebud County, Hydrologic Unit 10090102, at culvert on U.S. Highway 212, 7.5 road mi (12.1 km) west of Ashland.

Drainage area.--5.41 mi² (14.0 km²).

Records available.--April 1963 to September 1977.

Gage.--Crest-stage gage installed Apr. 23, 1963. Altitude of gage is 3,400 ft (1,040 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1963	Apr. 4, 1963	0.1	a 0.5
1964	Apr. 6, 1964	.20	1
1965	Aug. 23, 1965	1.59	16
1966	Mar. 11, 1966	1.85	a 2
1967	May 1967	--	a 1
1968	Aug. 23, 1968	2.18	39
1969	Mar. 19, 1969	b 1.90	25
1970	June 12, 1970	.56	a 2
1971	Feb. 14, 1971	b 2.40	a 10
1972	Feb. 28, 1972	--	3
1973	Sept. 7, 1973	--	.5
1974	Jan. 15, 1974	.61	2
1975	Jan. 20, 1975	.35	1
1976	Apr. 15, 1976	(f)	1
1977	Mar. 29, 1977	.50	2

06308300 Basin Creek near Volborg, MT

Location.--Lat 45°53'11", long 105°39'58", in NW1/4 sec.32, T.2 N., R.49 E., Custer County, Hydrologic Unit 10090102, at bridge on U.S. Highway 212, 4 mi (6.4 km) north of Volborg.

Drainage area.--10.9 mi² (28.2 km²).

Records available.--July 1955 to September 1973.

Gage.--Crest-stage gage installed July 23, 1955. Altitude of gage is 2,850 ft (869 m), from topographic map.

06308300 Basin Creek near Volborg, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1955	July 29, 1955	1.1	20
1956	Aug. 27, 1956	5.76	953
1957	Apr. 24, 1957	3.45	300
1958	July 2, 1958	5.79	965
1959	Mar. 11, 1959	1.87	75
1960	Mar. 21, 1960	5.26	770
1961	Sept. 10, 1961	1.04	18
1962	Feb. 11, 1962	3.18	250
1963	June 22, 1963	5.69	920
1964	June 18, 1964	2.48	145
1965	Apr. 1, 1965	3.93	400
1966	July 29, 1966	2.32	125
1967	June 14, 1967	6.06	^a 200
1968	June 20, 1968	2.28	120
1969	May 21, 1969	2.03	90
1970	June 13, 1970	1.60	20
1971	June 16, 1971	5.86	990
1972	Mar. 6, 1972	4.17	60
1973	June 18, 1973	1.66	30

06309020 Rock Springs Creek tributary at Rock Springs, MT

Location.--Lat 46°49'07", long 106°14'56", in SE1/4 sec.1, T.12 N., R.43 E., Rosebud County, Hydrologic Unit 10100001, at culvert on State Highway 22, 0.4 mi (0.6 km) northwest of Rock Springs.

Drainage area.--0.96 mi² (2.49 km²).

Records available.--May 1963 to September 1977.

Gage.--Crest-stage gage installed May 17, 1963. Altitude of gage is 2,970 ft (905 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1963	--	--	(c)
1964	June 18, 1964	0.38	3
1965	July 11, 1965	1.76	23
1966	Mar. 13, 1966	2.74	38
1967	Mar. 23, 1967	^b 1.76	^a 5
1968	March 1968	^b .41	^a 3
1969	Mar. 19, 1969	^b 3.81	^a 9
1970	Apr. 6, 1970	^b 1.04	^a 9
1971	Mar. 31, 1971	^b 2.37	10
1972	Mar. 13, 1972	2.84	39
1973	Feb. 28, 1973	.54	4
1974	Mar. 2, 1974	.50	4
1975	July 17, 1975	2.79	39
1976	June 14, 1976	1.73	23
1977	Mar. 7, 1977	^b 3.24	^a 2

06309040 Dry House Creek near Angela, MT

Location.--Lat 46°41'14", long 106°10'28", in SE1/4 SW1/4 sec.22, T.11 N., R.44 E., Rosebud County, Hydrologic Unit 10100001, near bridge on State Highway 22, 3.2 mi (5.1 km) south of Angela.

Drainage area.--38.6 mi² (100 km²).

Records available.--May 1963 to September 1977.

Gage.--Crest-stage gage installed May 17, 1963. Altitude of gage is 2,760 ft (841 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1963	June 4, 1963	3.60	380
1964	June 18, 1964	3.18	280
1965	Apr. 1, 1965	4.13	500
1966	Mar. 19, 1966	b 2.08	a 10
1967	June 13, 1967	6.65	1,500
1968	March 1968	b 2.19	a 15
1969	Apr. 26, 1969	b 2.27	a 100
1970	June 12, 1970	1.77	70
1971	Mar. 31, 1971	4.18	530
1972	Mar. 14, 1972	5.40	580
1973	July 22, 1973	3.38	85
1974	May 20, 1974	1.72	22
1975	May 5, 1975	4.85	375
1976	June 15, 1976	2.08	35
1977	Mar. 7, 1977	2.37	47

06309090 Ash Creek near Locate, MT

Location.--Lat 46°21'57", long 105°29'48", in center of N1/2 sec.17, T.7 N., R.50 E., Custer County, Hydrologic Unit 10100001, at wooden culvert on State Highway 333 between U.S. Highway 12 and Mizpah, 3.2 road mi (5.1 km) southeast of U.S. Highway 12, and 10 mi (16.1 km) southwest of Locate.

Drainage area.--6.23 mi² (16.1 km²).

Records available.--July 1962 to September 1976.

Gage.--Crest-stage gage installed Apr. 24, 1963. Altitude of gage is 3,040 ft (927 m), from topographic map.

06309090 Ash Creek near Locate, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1962	^e July 14, 1962	8.6	1,400
1963	June 21, 1963	.31	1
1964	Aug. 29, 1964	1.60	18
1965	Apr. 1, 1965	2.96	60
1966	Mar. 14, 1966	.80	5
1967	June 12, 1967	1.77	19
1968	May 13, 1968	3.63	90
1969	Mar. 27, 1969	1.04	^a 7
1970	May 8, 1970	1.84	20
1971	Mar. 31, 1971	3.22	70
1972	June 9, 1972	2.52	40
1973	Mar. 13, 1973	.76	3
1974	June 21, 1974	1.06	10
1975	May 5, 1975	1.53	18
1976	Feb. 23, 1976	^b 2.43	^a 5

06326400 Meyers Creek near Locate, MT

Location.--Lat 46°23'17", long 105°16'43", in SE1/4 sec.1, T.7 N., R.51 E., Custer County, Hydrologic Unit 10090209, at culvert on county road on east side of Powder River, 3.4 road mi (5.5 km) south of U.S. Highway 12, and 3 mi (4.8 km) southeast of Locate.

Drainage area.--9.42 mi² (24.4 km²).

Records available.--July 1962 to September 1976.

Gage.--Crest-stage gage installed Apr. 25, 1963. Altitude of gage is 2,520 ft (768 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1962	July 14, 1962	7.79	500
1963	June 6, 1963	8.24	1,370
1964	Aug. 29, 1964	6.62	200
1965	Apr. 1, 1965	5.00	150
1966	Mar. 14, 1966	1.70	55
1967	May 11, 1967	6.13	190
1968	June 24, 1968	7.10	230
1969	June 25, 1969	7.63	360
1970	May 8, 1970	6.70	205
1971	June 16, 1971	2.75	82
1972	June 9, 1972	7.00	220
1973	Sept. 2, 1973	8.01	840
1974	May 30, 1974	6.97	220
1975	May 5, 1975	7.50	310
1976	Aug. 5, 1976	5.45	160

06326650 O'Fallon Creek tributary near Ismay, MT

Location.--Lat 46°25'10", long 104°44'22", in SE1/4 sec.29, T.8 N., R.56 E., Fallon County, Hydrologic Unit 10100005, at culvert on U.S. Highway 12, 2 mi (3.2 km) east of road to Ismay, 1 mi (1.6 km) east of O'Fallon Creek bridge, and 7 mi (11.3 km) southeast of Ismay.

Drainage area.--0.17 mi² (0.44 km²).

Records available.--July 1962 to September 1976.

Gage.--Crest-stage gage installed Apr. 25, 1963. Altitude of gage is 2,750 ft (838 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1962	e July 14, 1962	3.64	49
1963	June 7, 1963	5.26	59
1964	June 18, 1964	5.27	59
1965	July 12, 1965	3.36	47
1966	July 26, 1966	4.33	54
1967	June 23, 1967	5.55	61
1968	Aug. 23, 1968	1.20	24
1969	Mar. 18, 1969	b 1.44	a 10
1970	May 8, 1970	.96	18
1971	Mar. 14, 1971	1.06	20
1972	Oct. 19, 1971	1.23	24
1973	Sept. 2, 1973	1.16	23
1974	May 30, 1974	.71	11
1975	May 6, 1975	.87	16
1976	July 3, 1976	5.29	59

06326700 Deep Creek near Baker, MT

Location.--Lat 46°18'58", long 104°18'00", in SW1/4 sec.2, T.6 N., R.59 E., Fallon County, Hydrologic Unit 10100005, at culverts on State Highway 7, 5 road mi (8.0 km) south of U.S. Highway 12 in Baker, and 5 mi (8.0 km) south of Baker.

Drainage area.--1.55 mi² (4.01 km²).

Records available.--July 1962 to September 1976.

Gage.--Crest-stage gage installed Apr. 25, 1963. Altitude of gage is 3,080 ft (939 m), from topographic map.

06326700 Deep Creek near Baker, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1962	^e July 7, 1962	2.64	86
1963	July 11, 1963	2.55	80
1964	June 8, 1964	3.90	190
1965	July 12, 1965	3.29	136
1966	July 13, 1966	3.87	185
1967	May 8, 1967	2.09	54
1968	June 9, 1968	2.86	100
1969	June 27, 1969	2.46	74
1970	June 13, 1970	2.88	102
1971	June 5, 1971	4.25	225
1972	June 24, 1972	2.59	82
1973	Sept. 2, 1973	3.82	182
1974	Aug. 14, 1974	2.85	100
1975	June 26, 1975	2.75	93
1976	June 14, 1976	2.60	83

06326900 Yellowstone River tributary No. 4 near Fallon, MT

Location.--Lat 46°51'43", long 105°06'33", in SW1/4 sec.23, T.13 N., R.52 E., Prairie County, Hydrologic Unit 10100004, at culvert on Interstate Highway 94 and U.S. Highway 10, 0.5 mi (0.8 km) northeast of the north end of the Yellowstone River bridge near Fallon, and 2 mi (3.2 km) north of Fallon.

Drainage area.--0.67 mi² (1.74 km²).

Records available.--July 1962 to September 1976.

Gage.--Crest-stage gage installed May 17, 1963. Altitude of gage is 2,250 ft (686 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1962	^e July 14, 1962	9.58	338
1963	June 6, 1963	.67	^a 40
1964	June 8, 1964	1.05	55
1965	July 12, 1965	1.36	60
1966	--	--	(c)
1967	May 13, 1967	2.20	105
1968	June 15, 1968	6.94	260
1969	June 29, 1969	5.65	220
1970	Apr. 7, 1970	1.59	80
1971	Mar. 5, 1971	4.82	195
1972	Mar. 11, 1972	^b 2.18	10
1973	Apr. 20, 1973	1.36	70
1974	June 21, 1974	1.18	63
1975	Mar. 3, 1975	1.03	55
1976	Aug. 4, 1976	.67	40

06327700 Griffith Creek near Glendive, MT

Location.--Lat 47°06'12", long 104°33'42", in NE1/4 sec.36, T.16 N., R.56 E., Dawson County, Hydrologic Unit 10100004, near bridge on Interstate Highway 94 and U.S. Highway 10, 8 mi (12.9 km) east of Glendive.

Drainage area.--15.5 mi² (40.1 km²).

Records available.--June 1955 to September 1963, June 1965 to September 1967.

Gage.--Crest-stage gage installed June 30, 1955. Altitude of gage is 2,220 ft (677 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1955	July 28, 1955	1.80	^a 100
1956	Mar. 19, 1956	.86	^a 80
1957	Mar. 20, 1957	.27	50
1958	July 3, 1958	.55	101
1959	Mar. 17, 1959	.74	157
1960	Mar. 20, 1960	1.41	Unknown
1961	June 29, 1961	3.96	Unknown
1962	June 6, 1962	.82	21
1963	June 22, 1963	1.70	Unknown
1965	June 16, 1965	--	14,600
1966	Mar. 11, 1966	--	^a 150
1967	June 14, 1967	1.68	^a 30

06327800 Krug Creek tributary near Wibaux, MT

Location.--Lat 47°01'08", long 104°19'18", in NW1/4 NW1/4 sec.36, T.15 N., R.58 E., Dawson County, Hydrologic Unit 10100004, at culvert on Interstate Highway 94 and U.S. Highway 10, 8 mi (12.9 km) northwest of Wibaux.

Drainage area.--1.74 mi² (4.51 km²).

Records available.--June 1955 to September 1961.

Gage.--Crest-stage gage installed June 30, 1955. Altitude of gage is 2,720 ft (829 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1955	--	--	(c)
1956	March 1956	0.23	1
1957	Mar. 20, 1957	1.61	18
1958	July 3, 1958	2.70	49
1959	Mar. 18, 1959	.60	3
1960	June 12, 1960	3.00	70
1961	--	--	(c)

06328700 Linden Creek at Intake, MT

Location.--Lat 47°17'40", long 104°31'16", in NE1/4 sec.25, T.18 N., R.56 E., Dawson County, Hydrologic Unit 10100004, at bridge on State Highway 16, 0.8 mi (1.3 km) northeast of Intake.

Drainage area.--4.20 mi² (10.9 km²).

Records available.--March 1958 to September 1973.

Gage.--Crest-stage gage installed Mar. 11, 1958. Altitude of gage is 2,080 ft (634 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1958	July 3, 1958	0.98	6
1959	Sept. 21, 1959	1.54	12
1960	June 21, 1960	1.35	10
1961	--	--	(c)
1962	June 15, 1962	1.46	10
1963	Feb. 5, 1963	2.38	30
1964	--	--	(c)
1965	June 16, 1965	1.63	11
1966	July 2, 1966	1.11	4
1967	June 14, 1967	1.36	22
1968	Feb. 27, 1968	1.04	15
1969	July 3, 1969	1.38	23
1970	--	--	(c)
1971	May 22, 1971	1.25	20
1972	June 9, 1972	1.41	24
1973	--	--	(c)

06328800 Indian Creek at Intake, MT

Location.--Lat 47°17'20", long 104°31'38", in SW1/4 sec.25, T.18 N., R.56 E., Dawson County, Hydrologic Unit 10100004, at culvert on State Highway 16, 500 ft (152 m) northeast of Intake.

Drainage area.--0.46 mi² (1.19 km²).

Records available.--March 1958 to September 1973.

Gage.--Crest-stage gage installed Mar. 11, 1958. Altitude of gage is 2,090 ft (637 m), from topographic map.

06328800 Indian Creek at Intake, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1958	July 3, 1958	3.23	99
1959	Sept. 21, 1959	3.28	105
1960	Mar. 20, 1960	.60	(c)
1961	Mar. 13, 1961	1.04	(c)
1962	Aug. 10, 1962	2.93	38
1963	Feb. 5, 1963	1.83	3
1964	June 8, 1964	2.08	6
1965	June 16, 1965	3.18	55
1966	July 2, 1966	2.40	13
1967	February 1967	2.14	7
1968	July 16, 1968	2.68	^a 25
1969	July 3, 1969	2.00	5
1970	Sept. 9, 1970	2.09	6
1971	May 22, 1971	1.99	5
1972	June 9, 1972	3.90	150
1973	Sept. 3, 1973	1.96	4

06328900 War Dance Creek near Intake, MT

Location.--Lat 47°19'38", long 104°29'17", in SW1/4 sec.8, T.18 N., R.57 E., Dawson County, Hydrologic Unit 10100004, at culvert on State Highway 16, 3.5 mi (5.6 km) northeast of Intake.

Drainage area.--3.69 mi² (9.56 km²).

Records available.--March 1958 to September 1973.

Gage.--Crest-stage gage installed Mar. 11, 1958. Altitude of gage is 2,080 ft (634 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1958	--	--	(c)
1959	Mar. 17, 1959	1.96	62
1960	Mar. 20, 1960	1.83	55
1961	--	--	(c)
1962	June 6, 1962	.94	18
1963	Feb. 5, 1963	-.22	0.4
1964	--	--	(c)
1965	June 16, 1965	.81	15
1966	--	--	(c)
1967	March 1967	1.36	33
1968	--	--	(c)
1969	March 1969	1.38	34
1970	Apr. 7, 1970	.45	6
1971	Mar. 27, 1971	.38	5
1972	Mar. 11, 1972	^b 2.23	^a 30
1973	Apr. 20, 1973	.57	9

06333850 North Creek near Alzada, MT

Location.--Lat 45°04'03", long 104°32'03", in SE1/4 NW1/4 sec.7, T.9 S., R.59 E., Carter County, Hydrologic Unit 10110201, 8 mi (12.9 km) northwest of Alzada.

Drainage area.--0.68 mi² (1.76 km²).

Records available.--May to September 1951 (continuous record), July 1955 to September 1977.

Gage.--Water-stage gage re-installed July 21, 1955. Altitude of gage is 3,480 ft (1,060 m), by barometer.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1951	June 17, 1951	5.18	260
1952	--	--	(c)
1956	July 2, 1956	4.32	276
1957	Aug. 28, 1957	4.32	276
1958	June 3, 1958	4.66	417
1959	June 30, 1959	3.21	58
1960	Aug. 17, 1960	3.77	142
1961	Sept.18, 1961	4.05	203
1962	May 21, 1962	5.47	1,300
1963	June 14, 1963	5.23	890
1964	June 22, 1964	3.22	34
1965	July 1, 1965	4.82	486
1966	July 28, 1966	2.92	15
1967	June 5, 1967	5.28	890
1968	June 23, 1968	4.72	430
1969	July 18, 1969	5.42	1,020
1970	June 12, 1970	3.63	120
1971	May 30, 1971	4.81	480
1972	June 10, 1972	3.42	55
1973	June 18, 1973	4.37	270
1974	May 20, 1974	4.48	340
1975	Apr. 18, 1975	4.25	230
1976	June 14, 1976	4.31	245
1977	Sept.30, 1977	4.44	190

06334200 Willow Creek near Alzada, MT

Location.--Lat 45°07'27", long 104°35'37", in center of sec.27, T.8 S., R.58 E., Carter County, Hydrologic Unit 10110201, near bridge on U.S. Highway 212, 11 mi (17.7 km) northwest of Alzada.

Drainage area.--123 mi² (319 km²).

Records available.--May 1958 to September 1973.

Gage.--Crest-stage gage installed May 8, 1958. Altitude of gage is 3,460 ft (1,060 m), from topographic map.

06334200 Willow Creek near Alzada, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1958	June 5, 1958	7.54	455
1959	Mar. 19, 1959	7.31	548
1960	Mar. 23, 1960	11.19	a 1,350
1961	Sept. 18, 1961	1.77	40
1962	May 21, 1962	11.98	a 1,700
1963	Aug. 3, 1963	7.28	480
1964	June 22, 1964	4.84	200
1965	Aug. 22, 1965	8.39	550
1966	July 28, 1966	4.97	220
1967	June 14, 1967	12.57	1,800
1968	July 29, 1968	5.94	300
1969	July 18, 1969	10.73	1,240
1970	Apr. 11, 1970	7.88	650
1971	Mar. 27, 1971	11.30	1,400
1972	Feb. 29, 1972	9.36	820
1973	June 18, 1973	8.38	610

06334640 North Fork Coal Bank Creek near Mill Iron, MT

Location.--Lat 45°56'35", long 104°05'28", in SW1/4 sec.12, T.2 N., R.61 E., Fallon County, Hydrologic Unit 10110202, at bridge on county road, 5 mi (8.0 km) south of Soda Creek tributary crest-stage gage, 9 mi (14.5 km) northeast of Mill Iron and 11 mi (17.7 km) southeast of Webster.

Drainage area.--15.0 mi² (38.8 km²).

Records available.--May 1962 to September 1976.

Gage.--Crest-stage gage installed Apr. 26, 1963. Altitude of gage is 3,040 ft (927 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1962	e May 22, 1962	4.72	a 750
1963	July 10, 1963	2.65	355
1964	June 9, 1964	1.70	210
1965	Aug. 23, 1965	1.27	150
1966	March 1966	b 1.90	a 100
1967	May 7, 1967	1.60	195
1968	Feb. 29, 1968	--	a 10
1969	Mar. 20, 1969	b 2.58	a 240
1970	June 12, 1970	(f)	a 1
1971	June 16, 1971	3.28	450
1972	June 24, 1972	2.42	320
1973	June 30, 1973	.45	62
1974	Jan. 17, 1974	.54	70
1975	May 6, 1975	2.17	275
1976	June 23, 1976	.41	60

06336450 Spring Creek near Wibaux, MT

Location.--Lat 46°53'04", long 104°12'02", in sec.14, T.13 N., R.59 E.,
Wibaux County, Hydrologic Unit 10110204, near bridge on State Highway 7,
7 mi (11.3 km) south of Wibaux,

Drainage area.--3.88 mi² (10.0 km²).

Records available.--June 1955 to September 1973.

Gage.--Crest-stage gage installed June 29, 1955. Altitude of gage is 2,770
ft (844 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1956	March 1956	0.67	61
1957	Sept. 5, 1957	1.36	127
1958	March 1958	.54	52
1959	Mar. 21, 1959	1.18	108
1960	Mar. 20, 1960	.84	76
1961	--	--	(c)
1962	July 19, 1962	3.34	438
1963	Feb. 5, 1963	.57	53
1964	July 5, 1964	.95	85
1965	Apr. 1, 1965	b 1.91	a 100
1966	Mar. 11, 1966	1.32	125
1967	March 1967	b 1.57	a 10
1968	Feb. 27, 1968	b 1.46	a 10
1969	Mar. 19, 1969	1.28	120
1970	Apr. 6, 1970	b 1.21	a 20
1971	Mar. 30, 1971	b 1.33	a 30
1972	Mar. 10, 1972	b 3.53	305
1973	Mar. 12, 1973	b .43	a 20

COLUMBIA RIVER BASIN

12300500 Fortine Creek near Trego, MT

Location.--Lat 48°38'41", long 114°54'36", in NE1/4 sec.11, T.33 N., R.26 W., Lincoln County, Hydrologic Unit 17010101, 5.5 mi (8.8 km) southwest of Trego.

Drainage area.--112 mi² (290 km²).

Records available.--December 1946 to September 1953 (continuous record), 1954, May 1958 to September 1973.

Gage.--Crest-stage gage installed July 1, 1959. Wire-weight gage December 1946 to September 1953. Altitude of gage is 3,340 ft (1,020 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1947	Apr. 29, 1947	10.24	948
1948	May 22, 1948	10.46	1,000
1949	May 11, 1949	9.34	d754
1950	May 16, 1950	11.8	1,810
1951	May 7, 1951	9.95	875
1952	Apr. 28, 1952	9.65	798
1953	May 7, 1953	9.90	860
1954	May 20, 1954	11.8	1,810
1958	May 24, 1958	10.2	^a 850
1959	--	--	Unknown
1960	Apr. 8, 1960	9.7	700
1961	May 11, 1961	^a 10.0	^a 700
1962	Apr. 19, 1962	8.96	540
1963	Apr. 26, 1963	6.01	360
1964	May 18, 1964	9.48	600
1965	Apr. 27, 1965	11.13	1,060
1966	May 4, 1966	8.51	500
1967	May 23, 1967	11.34	1,160
1968	May 23, 1968	7.23	377
1969	Apr. 24, 1969	9.41	610
1970	May 17, 1970	9.73	680
1971	May 4, 1971	11.46	1,030
1972	May 14, 1972	11.12	900
1973	May 7, 1973	5.02	200

12301700 Kootenai River tributary near Rexford, MT

Location.--Lat 48°48'22", long 115°17'59", in SW1/4 sec.12, T.35 N., R.29 W., Lincoln County, Hydrologic Unit 17010101, at culvert on State Highway 37, 7 mi (11.3 km) southwest of Rexford.

Drainage area.--0.86 mi² (2.23 km²).

Records available.--July 1959 to September 1970.

Gage.--Crest-stage gage installed July 1, 1959. Altitude of gage is 2,280 ft (695 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1959	(k)	0.5	2
1960	Apr. 8, 1960	1.25	9
1961	May 12, 1961	1.28	9
1962	May 21, 1962	1.16	8
1963	May 14, 1963	.55	3
1964	May 21, 1964	1.00	7
1965	May 27, 1965	1.10	8
1966	May 4, 1966	.88	6
1967	May 22, 1967	1.48	12
1968	May 22, 1968	.50	2
1969	Apr. 24, 1969	1.70	14
1970	May 17, 1970	.84	5

12301800 Gold Creek near Rexford, MT

Location.--Lat 48°46'58", long 115°18'32", in NW1/4 sec.23, T.35 N., R.29 W., Lincoln County, Hydrologic Unit 17010101, at culvert on State Highway 37, 8 mi (12.9 km) southwest of Rexford.

Drainage area.--6.12 mi² (15.9 km²).

Records available.--July 1959 to September 1969.

Gage.--Crest-stage gage installed July 1, 1959. Altitude of gage is 2,260 ft (689 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1959	(k)	1.5	103
1960	Apr. 8, 1960	.85	55
1961	May 21, 1961	.97	64
1962	May 12, 1962	.78	50
1963	May 14, 1963	.27	22
1964	May 20, 1964	.93	61
1965	Apr. 27, 1965	.95	62
1966	May 4, 1966	.91	60
1967	May 22, 1967	1.85	134
1968	May 22, 1968	.51	34
1969	Apr. 24, 1969	4.14	230

12301900 Little Jackson Creek near Libby, MT

Location.--Lat 48°27'04", long 115°18'37", in center of sec.16, T.31 N., R.29 W., Lincoln County, Hydrologic Unit 17010101, at culvert on State Highway 37, 12 mi (19.3 km) northeast of Libby.

Drainage area.--2.61 mi² (6.76 km²).

Records available.--May 1961 to September 1969.

Gage.--Crest-stage gage installed May 16, 1961. Altitude of gage is 2,180 ft (664 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1961	e May 15, 1961	0.4	13
1962	--	(f)	a 4
1963	February 1963	b .22	a 5
1964	--	(f)	a 4
1965	April 1965	.36	12
1966	--	(f)	a 4
1967	June 28, 1967	-.02	4
1968	May 7, 1968	-.38	a.1
1969	--	--	Unknown

12302050 Peoples Creek near Libby, MT

Location.--Lat 48°20'18", long 115°18'49", in NW1/4 sec.28, T.30 N., R.29 W., Lincoln County, Hydrologic Unit 17010101, at culvert on private road, 12 mi (19.3 km) east of Libby.

Drainage area.--2.54 mi² (6.58 km²).

Records available.--May 1961 to September 1967.

Gage.--Crest-stage gage installed May 16, 1961. Altitude of gage is 2,200 ft (671 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1961	e May 15, 1961	0.3	10
1962	May 18, 1962	.05	4
1963	--	(f)	a 0.5
1964	Apr. 21, 1964	-.04	1
1965	Apr. 27, 1965	.46	15
1966	May 12, 1966	.34	a 2
1967	May 22, 1967	.34	1

12304250 Whitetail Creek near Yaak, MT

Location.--Lat 48°49'42", long 115°48'45", in NE1/4 sec.1, T.35 N., R.33 W., Lincoln County, Hydrologic Unit 17010103, 500 ft (152 m) upstream from mouth, 5 mi (8.0 km) west of Yaak.

Drainage area.--2.48 mi² (6.42 km²).

Records available.--July 1960 to September 1974.

Gage.--Crest-stage gage installed July 15, 1960. Altitude of gage is 2,930 ft (893 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1960	(k)	0.7	33
1961	May 1, 1961	1.02	49
1962	May 21, 1962	.45	11
1963	Apr. 4, 1963	.58	15
1964	May 22, 1964	.70	31
1965	Apr. 26, 1965	.96	42
1966	May 4, 1966	.79	23
1967	May 22, 1967	.88	26
1968	May 22, 1968	.56	14
1969	Apr. 24, 1969	1.23	44
1970	May 17, 1970	.87	24
1971	May 4, 1971	.79	32
1972	May 14, 1972	.78	32
1973	May 13, 1973	.61	22
1974	Jan. 15, 1974	2.10	100

12304400 Fourth of July Creek near Yaak, MT

Location.--Lat 48°42'04", long 115°52'04", in NW1/4 sec.22, T.34 N., R.33 W., Lincoln County, Hydrologic Unit 17010103, at bridge 500 ft (152 m) upstream from mouth, 12 mi (19.3 km) southwest of Yaak.

Drainage area.--7.84 mi² (20.3 km²)

Records available.--July 1960 to September 1974.

Gage.--Crest-stage gage installed July 14, 1960. Altitude of gage is 2,650 ft (808 m), from topographic map.

12304400 Fourth of July Creek near Yaak, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1960	(k)	2.5	258
1961	May 26, 1961	2.06	196
1962	Apr. 19, 1962	1.60	138
1963	Apr. 14, 1963	.95	61
1964	May 22, 1964	2.20	190
1965	Apr. 26, 1965	1.98	165
1966	May 4, 1966	2.00	188
1967	May 22, 1967	2.19	215
1968	May 22, 1968	1.79	160
1969	Apr. 24, 1969	2.39	178
1970	May 17, 1970	2.59	180
1971	May 21, 1971	2.60	164
1972	May 14, 1972	2.48	155
1973	June 8, 1973	1.17	52
1974	Jan. 15, 1974	b 5.01	a 400

12324800 Morris Creek near Drummond, MT

Location.--Lat 46°39'57", long 113°05'58", in NW1/4 NW1/4 sec.34, T.11 N., R.12 W., Granite County, Hydrologic Unit 17010201, at culvert on State Highway 271, 2 mi (3.2 km) east of Drummond.

Drainage area.--12.6 mi² (32.6 km²).

Records available.--June 1959 to September 1974.

Gage.--Crest-stage gage installed June 17, 1959. Altitude of gage is 4,170 ft (1,270 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1960	Mar. 26, 1960	1.23	14
1961	Apr. 3, 1961	.47	3
1962	Apr. 23, 1962	.65	4
1963	Mar. 21, 1963	.76	6
1964	May 20, 1964	1.06	10
1965	May 29, 1965	.83	12
1966	Mar. 29, 1966	.87	13
1967	Mar. 18, 1967	.82	12
1968	Feb. 20, 1968	1.02	10
1969	Mar. 31, 1969	1.16	12
1970	May 7, 1970	1.61	23
1971	May 5, 1971	.68	5
1972	June 1, 1972	.69	5
1973	Mar. 1, 1973	.73	5
1974	Jan. 15, 1974	1.43	12

12340200 Marshall Creek near Missoula, MT

Location.--Lat 46°53'15", long 113°55'27", in NW1/4 sec.18, T.13 N., R.18 W., Missoula County, Hydrologic Unit 17010204, at culvert on Interstate Highway 90 and U.S. Highways 10 and 12, 3 mi (4.8 km) east of Missoula.

Drainage area.--5.63 mi² (14.6 km²).

Records available.--June 1959 to September 1973.

Gage.--Crest-stage gage installed June 19, 1959. Altitude of gage is 3,310 ft (1,010 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1959	June 1959	0.3	13
1960	Apr. 7, 1960	.26	11
1961	May 27, 1961	.27	12
1962	Apr. 25, 1962	.53	15
1963	May 6, 1963	.38	7
1964	May 21, 1964	1.05	a 50
1965	May 29, 1965	.54	26
1966	April 1966	.20	a 10
1967	May 22, 1967	.34	10
1968	May 5, 1968	.32	10
1969	Apr. 24, 1969	.21	17
1970	May 18, 1970	.56	31
1971	June 13, 1971	.26	23
1972	May 14, 1972	.27	29
1973	June 14, 1973	.09	20

12345800 Camas Creek near Hamilton, MT

Location.--Lat 46°08'42", long 114°12'58", in SW1/4 sec.34, T.5 N., R.21 W., Ravalli County, Hydrologic Unit 17010205, 8 mi (12.9 km) southwest of Hamilton.

Drainage area.--5.05 mi² (13.8 km²).

Records available.--April 1958 to September 1973.

Gage.--Staff gage installed Apr. 17, 1958. Crest-stage gage installed July 21, 1959. Altitude of gage is 4,000 ft (1,220 m), from topographic map.

12345800 Camas Creek near Hamilton, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1958	May 20, 1958	2.52	240
1959	June 7, 1959	2.30	190
1960	June 4, 1960	2.65	265
1961	May 28, 1961	2.30	190
1962	June 25, 1962	2.06	80
1963	May 25, 1963	2.03	74
1964	June 26, 1964	2.15	120
1965	June 12, 1965	2.39	148
1966	May 6, 1966	2.07	102
1967	May 22, 1967	3.06	190
1968	June 2, 1968	2.72	108
1969	May 21, 1969	2.80	120
1970	June 5, 1970	3.22	240
1971	June 13, 1971	2.84	150
1972	June 1, 1972	3.04	225
1973	May 17, 1973	1.97	78

12348500 Willow Creek near Corvallis, MT

Location.--Lat 46°17'40", long 113°59'40", in SW1/4 NE1/4 sec.8, T.6 N., R.19 W., Ravalli County, Hydrologic Unit 17010205, 800 ft (244 m) downstream from Butterfly ranger station, 0.5 mi (0.8 km) downstream from Horn ditch, and 6 mi (9.7 km) southeast of Corvallis.

Drainage area.--22.4 mi² (58.0 km²).

Records available.--April 1920 to May 1924 (no winter records), September 1957 to December 1965 (continuous record), January 1966 to September 1973.

Gage.--Wire-weight gage. Crest-stage gage installed July 20, 1959. Altitude of gage is 4,130 ft (1,260 m), from topographic map.

12348500 Willow Creek near Corvallis, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1920	June 22, July 2, 1920	1.50	60
1921	June 8, 1921	2.04	114
1922	June 15, 1922	2.20	130
1923	June 26, 1923	1.80	92
1958	May 28, 1958	2.70	103
1959	June 21, 1959	2.56	84
1960	June 3, 1960	2.60	99
1961	May 30, 1961	2.60	88
1962	June 13, 1962	2.56	88
1963	June 21, 1963	2.60	106
1964	June 17, 1964	2.70	144
1965	June 12, 1965	2.87	168
1966	May 28, 1966	1.39	61
1967	June 6, 1967	2.06	134
1968	June 2, 1968	1.81	106
1969	May 21, 1969	1.83	108
1970	June 5, 1970	1.94	124
1971	May 13, 1971	1.80	120
1972	June 2, 1972	2.31	170
1973	June 14, 1973	1.27	50

12350200 Gash Creek near Victor, MT

Location.--Lat 46°24'20", long 114°15'21", in W1/2 sec.32, T.8 N., R.21 W., Ravalli County, Hydrologic Unit 17010205, 5 mi (8.0 km) west of Victor.

Drainage area.--2.68 mi² (6.94 km²).

Records available.--July 1958 to September 1973.

Gage.--Staff gage installed July 8, 1958. Crest-stage gage installed July 20, 1959. Altitude of gage is 5,500 ft (1,680 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1958	May 21, 1958	--	^a 200
1959	June 5, 1959	1.58	160
1960	June 4, 1960	.75	80
1961	May 28, 1961	1.57	99
1962	June 25, 1962	1.26	47
1963	June 5, 1963	1.19	^a 60
1964	June 26, 1964	1.36	75
1965	June 12, 1965	1.81	165
1966	May 28, 1966	1.56	98
1967	June 6, 1967	2.02	200
1968	June 2, 1968	1.49	90
1969	May 21, 1969	1.83	150
1970	June 5, 1970	1.65	95
1971	June 13, 1971	1.74	157
1972	June 1, 1972	1.71	152
1973	May 17, 1973	.93	55

12350500 Kootenai Creek near Stevensville, MT

Location.--Lat 46°32'14", long 114°10'31", in NW1/4 SE1/4 sec.18, T.9 N., R.20 W., Ravalli County, Hydrologic Unit 17010205, 3 mi (4.8 km) upstream from mouth and 4 mi (6.4 km) northwest of Stevensville.

Drainage area.--28.8 mi² (74.6 km²).

Records available.--December 1948 to September 1953, August 1957 to September 1963 (continuous record), October 1963 to September 1973.

Gage.--Water-stage recorder. Altitude of gage is 3,780 ft (1,150 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1948	May-June 1948	--	1,250
1949	May 16, 1949	5.11	980
1950	June 17, 1950	5.85	1,300
1951	June 15, 1951	4.36	654
1952	June 6, 1952	3.76	381
1953	June 13, 1953	3.99	490
1958	May 24, 1958	5.63	1,080
1959	June 13, 1959	5.39	1,020
1960	June 16, 1960	5.30	998
1961	June 4, 1961	4.99	840
1962	June 16, 1962	4.53	630
1963	June 5, 1963	4.29	562
1964	June 8, 1964	4.88	790
1965	June 12, 1965	4.82	765
1966	May 27, 1966	4.27	535
1967	June 6, 1967	5.14	910
1968	June 2, 1968	4.58	660
1969	May 30, 1969	5.19	940
1970	June 5, 1970	5.40	1,020
1971	May 28, 1971	4.98	840
1972	May 31, 1972	5.79	1,220
1973	May 17, 1973	4.33	560

12351000 Burnt Fork Bitterroot River near Stevensville, MT

Location.--Lat 46°27'50", long 113°56'40", in NW1/4 SW1/4 sec.11, T.8 N., R.19 W., Ravalli County, Hydrologic Unit 17010205, 150 ft (46 m) upstream from county road bridge, and 8 mi (12.9 km) southeast of Stevensville.

Drainage area.--74.0 mi² (192 km²).

Records available.--May to November 1920, April 1922 to September 1924 (no winter records), April to June 1938, October 1938 to September 1962 (continuous record), October 1962 to September 1973.

Gage.--Staff gage. Crest-stage gage installed July 1959. Altitude of gage is 4,270 ft (1,300 m), from topographic map.

12351000 Burnt Fork Bitterroot River near Stevensville, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1920	June 16, 1920	2.16	d 347
1922	June 10, 1922	2.64	d 620
1923	June 19, 1923	1.92	d 276
1924	May 18, 1924	1.90	d 268
1938	May 28, 1938	2.92	d 641
1939	May 4, 1939	1.74	d 192
1940	May 25, 1940	1.40	d 121
1941	June 4, 1941	1.36	d 119
1942	May 26, 1942	2.12	d 371
1943	June 19, 1943	2.04	d 382
1944	June 19, 1944	1.50	d 183
1945	June 4, 6, 1945	1.40	d 139
1946	May 28, 1946	1.43	d 142
1947	May 8, 9, 1947	2.20	d 414
1948	May 28, 29, 1948	2.54	d 565
1949	May 17, 1949	2.05	d 310
1950	June 21, 1950	2.22	d 379
1951	May 24, 1951	2.16	d 361
1952	May 26, 1952	1.86	d 233
1953	June 13, 1953	2.19	d 351
1954	June 28, 1954	2.09	d 300
1955	June 15, 1955	3.28	d 284
1956	May 24, 1956	3.72	d 414
1957	June 3, 4, 1957	3.46	d 320
1958	May 21, 22, 1958	3.48	d 371
1959	June 14, 1959	--	h 310
1960	June 5, 1960	3.24	317
1961	June 4, 1961	3.62	411
1962	June 14, 1962	3.28	303
1963	June 5, 1963	3.35	312
1964	June 8, 1964	4.73	720
1965	June 12, 1965	4.19	530
1966	May 27, 1966	3.15	240
1967	May 23, 1967	5.82	1,100
1968	June 2, 1968	3.48	320
1969	May 21, 1969	3.93	450
1970	June 5, 1970	3.90	440
1971	June 6, 1971	3.97	510
1972	June 1, 1972	4.62	730
1973	May 17, 1973	2.89	185

12351400 Eightmile Creek near Florence, MT

Location.--Lat 46°39'10", long 113°57'30", in SW1/4 SW1/4 sec.2, T.10 N., R.19 W., Ravalli County, Hydrologic Unit 17010205, 0.6 mi (1.0 km) upstream from Granite Creek, 5 mi (8.0 km) upstream from mouth, and 6 mi (9.7 km) east of Florence.

Drainage area.--20.6 mi² (53.4 km²).

Records available.--September 1957 to September 1963 (continuous record), October 1963 to September 1973.

Gage.--Water-stage recorder prior to October 1963. Crest-stage gage installed October 1963. Altitude of gage is 3,800 ft (1,160 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1958	May 13, 1958	2.72	62
1959	June 6, 1959	2.06	33
1960	Apr. 10, 1960	2.03	30
1961	May 30, 1961	2.19	38
1962	May 25, 1962	2.27	36
1963	May 26, 1963	1.98	26
1964	June 8, 1964	3.60	104
1965	May 12, 1965	3.63	75
1966	Mar. 27, 1966	3.28	57
1967	June 6, 1967	2.89	57
1968	May 5, 1968	2.33	33
1969	May 20, 1969	2.70	50
1970	June 5, 1970	4.25	104
1971	May 5, 1971	3.75	65
1972	May 14, 1972	3.91	77
1973	June 14, 1973	2.08	8

12352200 Hayes Creek near Missoula, MT

Location.--Lat 46°48'49", long 114°05'36", in center of sec.10, T.12 N., R.20 W., Missoula County, Hydrologic Unit 17010205, at culvert on U.S. Highways 12 and 93, 2 mi (3.2 km) southwest of Missoula.

Drainage area.--4.16 mi² (10.8 km²).

Records available.--June 1959 to September 1974.

Gage.--Crest-stage gage installed June 19, 1959. Altitude of gage is 3,300 ft (1,010 m), from topographic map.

12352200 Hayes Creek near Missoula, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1959	(k)	0.6	3
1960	Apr. 5, 1960	3.77	56
1961	May 27, 1961	.70	4
1962	Apr. 24, 1962	1.34	14
1963	Mar. 22, 1963	.58	3
1964	May 22, 1964	1.63	21
1965	May 12, 1965	2.45	29
1966	Mar. 30, 1966	.52	2
1967	--	--	Unknown
1968	May 5, 1968	-.12	5
1969	Apr. 24, 1969	.20	14
1970	May 5, 1970	.19	14
1971	May 5, 1971	.30	18
1972	May 14, 1972	.47	29
1973	May 17, 1973	-.35	2
1974	Jan. 16, 1974	.45	25

12353400 Negro Gulch near Alberton, MT

Location.--Lat 47°01'22", long 114°31'22", in NW1/4 sec.33, T.15 N., R.23 W., Mineral County, Hydrologic Unit 17010204, at culvert on county road, 2.6 mi (4.2 km) west of Alberton.

Drainage area.--8.02 mi² (20.8 km²).

Records available.--June 1959 to September 1973.

Gage.--Crest-stage gage installed June 19, 1959. Altitude of gage is 3,000 ft (914 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1959	(k)	0.7	23
1960	Apr. 6, 1960	.80	27
1961	May 2, 1961	.74	24
1962	May 29, 1962	.54	16
1963	May 6, 1963	.59	18
1964	June 9, 1964	1.01	67
1965	Apr. 28, 1965	2.05	170
1966	Mar. 30, 1966	.45	20
1967	May 11, 1967	.47	21
1968	May 5, 1968	.28	8
1969	Apr. 10, 1969	.62	32
1970	May 16, 1970	1.80	142
1971	May 5, 1971	.65	42
1972	Mar. 17, 1972	1.02	68
1973	May 17, 1973	.05	3

12353850 East Fork Timber Creek near Haugan, MT

Location.--Lat 47°24'49", long 115°24'46", in NE1/4 sec.16, T.19 N., R.30 W., Mineral County, Hydrologic Unit 17010204, at culvert on county road, 2 mi (3.2 km) north of Haugan.

Drainage area.--2.72 mi² (7.04 km²).

Records available.--May 1961 to September 1975.

Gage.--Crest-stage gage installed May 15, 1961. Altitude of gage is 3,350 ft (1,020 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1961	May 2, 1961	0.38	23
1962	Apr. 15, 1962	.82	45
1963	Apr. 14, 1963	.33	20
1964	May 22, 1964	.87	40
1965	Apr. 14, 1965	1.46	66
1966	Apr. 6, 1966	.48	27
1967	May 22, 1967	.67	42
1968	May 5, 1968	.23	15
1969	Apr. 24, 1969	.82	44
1970	May 17, 1970	.77	42
1971	May 5, 1971	1.22	55
1972	May 14, 1972	1.03	52
1973	May 17, 1973	-.12	8
1974	Jan. 16, 1974	1.14	50
1975	May 15, 1975	.89	41

12354100 North Fork Little Joe Creek near St. Regis, MT

Location.--Lat 47°16'13", long 115°08'28", in SW1/4 SE1/4 sec.34, T.18 N., R.28 W., Mineral County, Hydrologic Unit 17010204, at bridge on county road, 3 mi (4.8 km) southwest of St. Regis.

Drainage area.--14.7 mi² (38.1 km²).

Records available.--July 1959 to September 1974.

Gage.--Crest-stage gage installed July 3, 1959. Altitude of gage is 2,850 ft (869 m), from topographic map.

12354100 North Fork Little Joe Creek near St. Regis, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1960	May 12, 1960	1.84	179
1961	May 26, 1961	1.88	185
1962	May 27, 1962	1.16	91
1963	May 28, 1963	.95	57
1964	June 8, 1964	1.91	212
1965	May 29, 1965	1.83	200
1966	May 5, 1966	1.60	147
1967	May 22, 1967	1.61	195
1968	May 22, 1968	.79	102
1969	Apr. 30, 1969	1.42	175
1970	May 25, 1970	1.64	205
1971	May 13, 1971	1.97	262
1972	May 14, 1972	2.31	295
1973	Apr. 26, 1973	1.87	220
1974	Jan. 16, 1974	1.59	210

12356000 Skyland Creek near Essex, MT

Location.--Lat 48°17'30", long 113°23'10", in SE1/4 NW1/4 sec.9, T.29 N., R.14 W., Flathead County, Hydrologic Unit 17010207, 10 mi (16.1 km) north-east of Essex.

Drainage area.--8.09 mi² (21.0 km²).

Records available.--January 1946 to September 1952 (continuous record), 1954, June 1959 to September 1975.

Gage.--Water-stage recorder re-installed June 30, 1959, destroyed June 8, 1964. Crest-stage gage installed Sept. 10, 1964. Datum of gage is 4,835.83 ft (1,473.96 m) above mean sea level, datum of 1929 (Corps of Engineers bench mark).

12356000 Skyland Creek near Essex, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1946	May 28, 1946	1.72	117
1947	May 9, 1947	1.84	189
1948	May 22, 1948	2.15	284
1949	May 16, 1949	1.68	126
1950	June 12, 1950	2.46	268
1951	June 15, 1951	2.05	179
1952	May 15, 1952	1.87	148
1954	May 19, 1954	2.3	230
1959	June 5, 1959	2.1	189
1960	June 3, 1960	2.00	169
1961	May 30, 1961	2.48	267
1962	May 29, 1962	1.58	93
1963	June 5, 1963	1.52	82
1964	June 8, 1964	9.55	3,580
1965	May 29, 1965	4.76	a 120
1966	May 26, 1966	4.30	140
1967	June 1967	(f)	a 100
1968	May 23, 1968	3.62	90
1969	Apr. 24, 1969	3.60	140
1970	June 5, 1970	3.73	198
1971	June 13, 1971	3.38	176
1972	June 17, 1972	3.48	191
1973	May 18, 1973	2.89	106
1974	June 4, 1974	3.00	166
1975	June 19, 1975	8.40	3,820

12357300 Moccasin Creek near West Glacier, MT

Location.--Lat 48°28'54", long 113°50'51", in SW1/4 sec.36, T.32 N., R.18 W., Flathead County, Hydrologic Unit 17010207; at culvert on U.S. Highway 2, 6.5 mi (10.5 km) east of West Glacier.

Drainage area.--2.38 mi² (6.16 km²).

Records available.--June 1959 to September 1974.

Gage.--Crest-stage gage installed June 30, 1959. Altitude of gage is 3,300 ft (1,010 m), from topographic map.

12357300 Moccasin Creek near West Glacier, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1959	(k)	1.3	102
1960	June 3, 1960	1.29	120
1961	May 27, 1961	1.43	105
1962	Apr. 24, 1962	1.17	50
1963	May 25, 1963	1.15	48
1964	June 8, 1964	--	Unknown
1965	May 29, 1965	5.60	^a 490
1966	May 26, 1966	4.11	262
1967	June 6, 1967	3.96	226
1968	May 23, 1968	3.49	115
1969	Apr. 24, 1969	3.21	62
1970	May 25, 1970	3.24	64
1971	June 13, 1971	3.25	69
1972	June 1, 1972	3.53	128
1973	Apr. 23, 1973	3.84	170
1974	June 4, 1974	3.56	114

12357400 Middle Fork Flathead River tributary at West Glacier, MT

Location.--Lat 48°29'49", long 113°57'43", in NE1/4 sec.36, T.32 N., R.19 W., Flathead County, Hydrologic Unit 17010207, at culvert on U.S. Highway 2, 0.9 mi (1.4 km) east of West Glacier.

Drainage area.--0.14 mi² (0.36 km²).

Records available.--June 1959 to September 1974.

Gage.--Crest-stage gage installed June 30, 1959. Altitude of gage is 3,250 ft (991 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1960	Apr. 3, 1960	0.27	3
1961	May 2, 1961	.19	2
1962	Apr. 23, 1962	.11	1
1963	--	(f)	^a .5
1964	June 8, 1964	.32	^a 8
1965	Apr. 21, 1965	.49	9
1966	June 4, 1966	.40	6
1967	June 6, 1967	.27	3
1968	May 24, 1968	.09	1
1969	Apr. 24, 1969	.52	^a 10
1970	June 1, 1970	.16	2
1971	May 3, 1971	.23	3
1972	June 1, 1972	-.20	.5
1973	May 18, 1973	.02	1
1974	Apr. 20, 1974	.28	3

12363800 Spring Creek near Stryker, MT

Location.--Lat 48°37'42", long 114°40'53", in N1/4 sec.15, T.33 N., R.24 W., Flathead County, Hydrologic Unit 17010210, at culvert on U.S. Highway 93, 5 mi (8.0 km) southeast of Stryker.

Drainage area.--3.86 mi² (10.0 km²).

Records available.--July 1959 to May 1961.

Gage.--Crest-stage gage installed July 1, 1959. Altitude of gage is 3,260 ft (994 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1959	(k)	0.7	12
1960	June 3, 1960	-.08	8
1961	May 15, 1961	.62	10

12363900 Rock Creek near Olney, MT

Location.--Lat 46°36'44", long 114°39'04", in NE1/4 sec.23, T.33 N., R.24 W., Flathead County, Hydrologic Unit 17010210, at culvert on U.S. Highway 93, 6 mi (9.7 km) northwest of Olney.

Drainage area.--3.61 mi² (9.35 km²).

Records available.--May 1961 to September 1975.

Gage.--Crest-stage gage installed May 16, 1961. Altitude of gage is 3,240 ft (988 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1961	eMay 15, 1961	1.2	24
1962	May 21, 1962	.82	13
1963	May 14, 1963	.56	6
1964	May 2, 1964	1.29	25
1965	Apr. 28, 1965	1.40	29
1966	June 4, 1966	.96	14
1967	May 24, 1967	.74	13
1968	May 24, 1968	.55	9
1969	Apr. 24, 1969	1.15	20
1970	May 17, 1970	.80	11
1971	May 3, 1971	1.03	17
1972	June 1, 1972	.80	11
1973	May 17, 1973	.51	5
1974	June 20, 1974	1.40	40
1975	May 10, 1975	.92	24

12370900 Teepee Creek near Polson, MT

Location.--Lat 47°49'16", long 114°01'24", in SW1/4 sec.23, T.24 N., R.19 W., Lake County, Hydrologic Unit 17010208, at culvert on State Highway 35, 11 mi (17.7 km) northeast of Polson.

Drainage area.--2.18 mi² (5.65 km²).

Records available.--June 1959 to September 1974.

Gage.--Crest-stage gage installed June 29, 1959. Altitude of gage is 2,910 ft (887 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1960	June 3, 1960	0.48	11
1961	June 2, 1961	.90	22
1962	Apr. 24, 1962	.05	4
1963	--	(f)	a 1
1964	June 8, 1964	2.15	44
1965	June 12, 1965	.32	8
1966	May 26, 1966	.18	6
1967	June 6, 1967	.30	8
1968	May 22, 1968	.17	6
1969	Apr. 24, 1969	.35	9
1970	May 20, 1970	1.69	39
1971	June 13, 1971	.09	5
1972	June 1, 1972	.41	10
1973	May 17, 1973	.10	5
1974	June 21, 1974	.59	14

12371100 Hell Roaring Creek near Polson, MT

Location.--Lat 47°42'10", long 114°02'37", in NW1/4 sec.4, T.22 N., R.19 W., Lake County, Hydrologic Unit 17010208, at power house, 5.5 mi (8.8 km) east of Polson.

Drainage area.--6.22 mi² (16.1 km²).

Records available.--May 1917 to September 1932 (continuous record), June 1959 to September 1967. Prior to 1959, published as Big Creek near Polson.

Gage.--Crest-stage gage installed June 29, 1959. May 1917 to September 1932, water-stage recorder. Altitude of gage is 3,150 ft (960 m), by barometer.

12371100 Hell Roaring Creek near Polson, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1917	June 9, 1917	--	d 104
1918	June 11-14, 1918	--	38
1919	May 27, 1919	--	69
1920	May 14, 1920	--	29.4
1921	June 7, 1921	--	23.3
1922	May 20, 1922	--	49
1923	June 22, 1923	--	29.7
1924	May 17, 1924	--	27.2
1925	May 22, 1925	--	61
1926	May 1, 1926	--	34
1927	June 11, 1927	--	61
1928	May 23, 1928	--	39.5
1929	May 25, 1929	--	33.3
1930	May 25, 1930	--	14.1
1931	Dec. 1, 1930	--	h 8.3
1932	Mar. 19, 1932	--	h 9.0
1948	May 1948	--	85
1959	e May 1959	a 1.3	60
1960	June 3, 1960	.81	27
1961	June 2, 1961	.93	34
1962	Apr. 24, 1962	.49	12
1963	Apr. 15, 1963	.28	5
1964	June 8, 1964	1.73	98
1965	June 12, 1965	--	a 20
1966	March 1966	-1.54	6
1967	June 1967	-1.34	9

12374300 Mill Creek near Niarada, MT

Location.--Lat 47°49'53", long 114°41'14", in NW1/4 sec.21, T.24 N., R.24 W., Sanders County, Hydrologic Unit 17010212, at bridge on county road, 3.5 mi (5.6 km) northwest of Niarada.

Drainage area.--28.2 mi² (73.0 km²).

Records available.--June 1959 to September 1973.

Gage.--Crest-stage installed June 18, 1959. Altitude of gage is 3,000 ft (914 m), from topographic map.

12374300 Mill Creek near Niarada, MT--Continued

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1959	(k)	1.1	90
1960	May 13, 1960	1.00	74
1961	May 1, 1961	1.42	140
1962	Apr. 24, 1962	.97	70
1963	May 17, 1963	.78	45
1964	May 27, 1964	.91	52
1965	Apr. 15, 1965	1.43	175
1966	May 12, 1966	2.22	a 250
1967	May 25, 1967	1.40	138
1968	May 22, 1968	.69	30
1969	May 30, 1969	1.14	125
1970	May 25, 1970	.97	76
1971	May 13, 1971	1.15	175
1972	May 14, 1972	1.48	184
1973	May 24, 1973	.46	17

12375700 Garden Creek near Hot Springs, MT

Location.--Lat 47°38'55", long 114°41'31", in SW1/4 sec.20, T.22 N., R.24 W., Sanders County, Hydrologic Unit 17010212, at bridge on county road, 3 mi (4.8 km) north of Hot Springs.

Drainage area.--3.57 mi² (9.25 km²).

Records available.--June 1959 to September 1973.

Gage.--Crest-stage gage installed June 18, 1959. Altitude of gage is 3,300 ft (1,010 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft³/s)</u>
1959	(k)	--	a10
1960	April 1960	--	a5
1961	May 27, 1961	0.86	29
1962	May 23, 1962	.48	14
1963	May 17, 1963	.73	24
1964	May 27, 1964	1.02	a45
1965	Apr. 29, 1965	--	a100
1966	Mar. 29, 1966	-.22	16
1967	May 23, 1967	.16	40
1968	May 1968	-.30	12
1969	May 30, 1969	.31	50
1970	June 16, 1970	.52	65
1971	June 3, 1971	.07	34
1972	June 1, 1972	.57	29
1973	Apr. 27, 1973	.46	17

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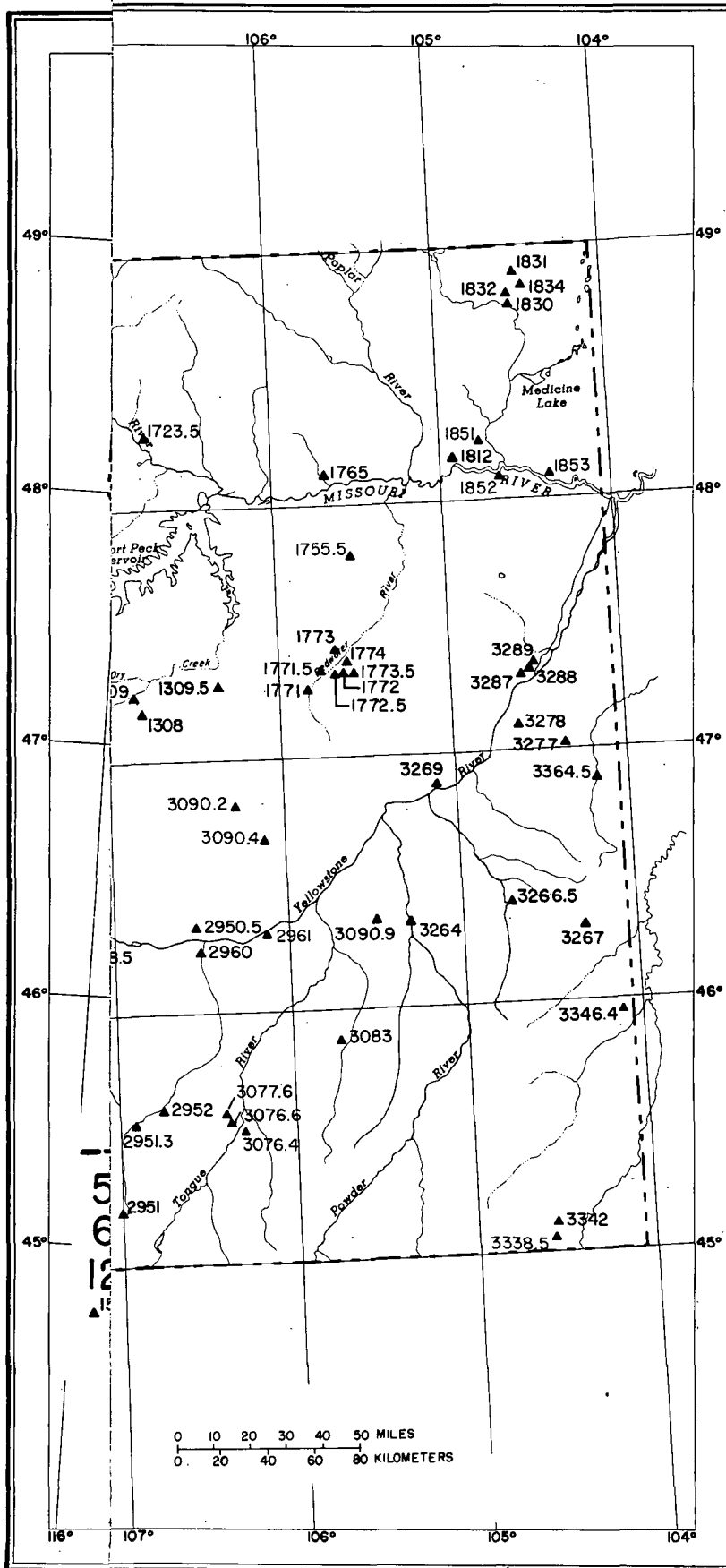
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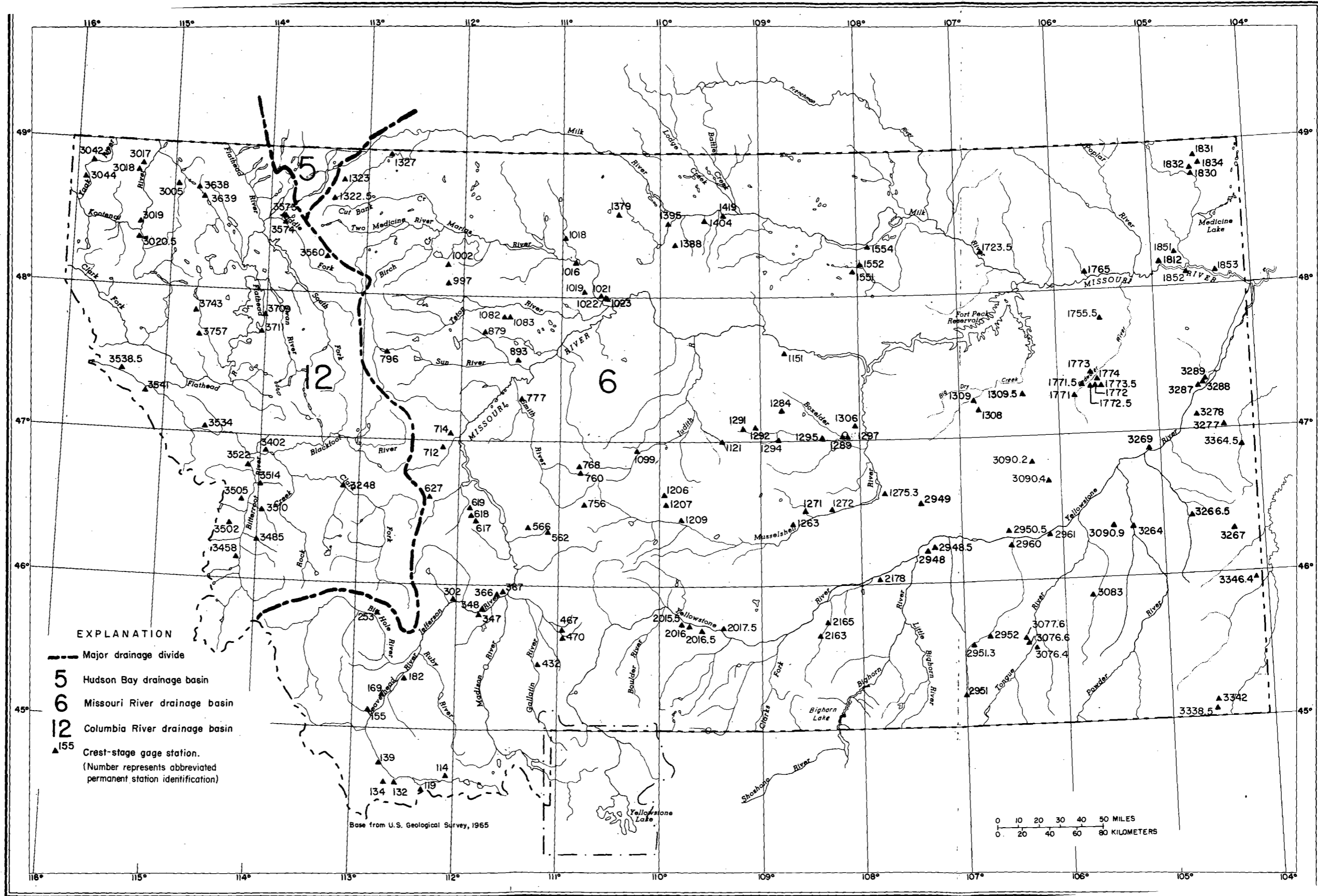
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EXPLANATION

- Major drainage divide
- 5** Hudson Bay drainage basin
- 6** Missouri River drainage basin
- 12** Columbia River drainage basin
- Crest-stage gage station.
(Number represents abbreviated permanent station identification)

Base from U.S. Geological Survey, 1965

