

WEBER RIVER BASIN

10133600 McLEOD CREEK NEAR PARK CITY, UT

LOCATION.--Lat 40°41'15", long 111°31'58", in SW¼NE¼SE¼ sec. 31, T. 1 S., R. 4 E., Summit County, Hydrologic Unit 16020101, at dividing structure, 3.2 mi northwest of Park City.

DRAINAGE AREA.--8.78 mi<sup>2</sup>.

PERIOD OF RECORD.--October 1990 to September 1996, October 31, 2002 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,590 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except for winter period, which is fair.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 133 ft<sup>3</sup>/s, Jun 17, 1995; minimum daily discharge, 0.69 ft<sup>3</sup>/s, Jan 9, 11, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 36 ft<sup>3</sup>/s, Jul 17, gage height, 6.80 ft; minimum discharge, 2.4 ft<sup>3</sup>/s, Oct. 9, 10.

DISCHARGE, CUBIC FEET PER SECOND  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.1	5.8	8.2	e7.9	e6.4	9.6	13	10	14	9.5	4.6	5.4
2	3.1	7.9	7.1	e7.9	e7.0	10	13	10	13	8.4	5.4	5.2
3	3.1	8.5	6.5	e7.8	e6.8	10	12	10	12	7.9	6.2	5.4
4	3.3	8.3	6.5	e7.5	e6.8	10	12	9.9	11	8.6	5.2	6.3
5	3.2	6.3	6.6	e8.0	e6.3	9.6	13	11	11	8.5	5.5	5.7
6	3.2	4.6	7.7	e8.0	e6.6	9.3	13	12	12	7.1	5.5	5.3
7	3.1	4.2	9.9	e7.9	e6.3	8.9	15	17	11	6.2	5.1	4.9
8	3.1	7.5	6.9	e7.9	e7.2	9.9	15	20	10	5.7	5.4	5.8
9	2.7	9.5	4.6	e7.8	e8.0	11	15	21	10	5.8	5.4	4.5
10	2.7	10	4.4	e7.9	e8.3	11	14	22	15	5.8	5.7	4.0
11	2.9	8.6	5.3	e8.0	e8.3	9.8	13	23	14	5.3	5.5	4.3
12	3.2	8.7	5.8	e8.0	e8.3	9.7	13	22	14	5.5	5.0	4.3
13	3.2	10	7.5	e8.0	e7.9	9.7	14	22	11	5.5	4.9	5.4
14	3.4	9.9	e10	e8.0	e7.9	10	14	17	10	5.4	4.8	5.7
15	3.5	8.4	e6.0	e8.0	e7.6	11	13	16	9.4	4.4	4.7	5.3
16	3.6	8.8	e5.5	e8.0	7.4	11	14	16	9.3	4.8	5.3	4.9
17	3.6	9.2	e6.5	e7.9	9.1	12	14	15	9.6	9.3	5.9	5.1
18	3.6	10	e7.7	e7.8	10	12	17	15	9.2	8.8	7.9	4.4
19	4.0	9.9	e8.0	e7.9	10	14	15	17	8.9	5.8	6.1	5.3
20	4.2	10	e8.6	e7.5	9.8	15	14	17	8.7	5.4	6.1	6.8
21	4.1	9.6	e8.5	e7.3	8.5	16	15	15	8.8	7.3	6.4	6.4
22	3.8	5.4	e7.7	e7.5	8.1	17	14	14	8.5	5.9	5.5	6.8
23	3.8	11	e8.0	e7.5	10	19	13	15	8.4	5.3	5.7	5.4
24	3.6	12	e8.4	e7.8	10	17	13	16	7.9	5.4	7.4	5.6
25	3.4	4.2	e9.3	e7.9	11	16	13	18	7.0	5.9	7.2	5.0
26	3.7	5.3	e8.8	e7.8	11	19	13	16	7.3	6.2	6.5	4.8
27	4.1	5.5	e8.3	e7.8	10	14	13	15	8.0	6.5	5.7	5.0
28	4.2	9.8	e8.5	e8.2	8.7	14	12	17	9.4	5.6	6.4	5.7
29	5.4	8.4	e8.7	e8.1	8.9	13	10	19	10	5.4	5.2	6.7
30	7.6	8.9	e8.8	e7.5	---	13	10	16	10	5.3	5.1	5.9
31	5.8	---	e8.2	e6.9	---	13	---	15	---	4.9	6.2	---
TOTAL	115.3	246.2	232.5	242.0	242.2	384.5	402	498.9	308.4	197.4	177.5	161.3
MEAN	3.72	8.21	7.50	7.81	8.35	12.4	13.4	16.1	10.3	6.37	5.73	5.38
MAX	7.6	12	10	8.2	11	19	17	23	15	9.5	7.9	6.8
MIN	2.7	4.2	4.4	6.9	6.3	8.9	10	9.9	7.0	4.4	4.6	4.0
AC-FT	229	488	461	480	480	763	797	990	612	392	352	320

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991-96, 2004, BY WATER YEAR (WY)

	7.84	7.85	7.03	6.13	6.36	11.3	14.0	27.6	31.5	12.9	6.94	6.21
MEAN	7.84	7.85	7.03	6.13	6.36	11.3	14.0	27.6	31.5	12.9	6.94	6.21
MAX	15.0	11.3	8.61	9.51	8.35	18.6	23.0	51.5	86.1	41.2	12.6	12.4
(WY)	(1996)	(1996)	(1993)	(1996)	(2004)	(1995)	(1996)	(1993)	(1995)	(1995)	(1995)	(1995)
MIN	3.72	5.12	4.68	3.69	1.97	7.88	7.38	8.05	5.85	5.33	3.65	2.74
(WY)	(2004)	(1995)	(1991)	(1991)	(1993)	(1996)	(1992)	(1992)	(1992)	(1992)	(1992)	(1994)

SUMMARY STATISTICS

FOR 2003 CALENDAR YEAR

FOR 2004 WATER YEAR

WATER YEARS 1991-96, 2004

ANNUAL TOTAL	2,903.7	3,208.2		
ANNUAL MEAN	7.96	8.77	12.7	
HIGHEST ANNUAL MEAN			22.4	1995
LOWEST ANNUAL MEAN			6.42	1992
HIGHEST DAILY MEAN	23	May 27	23	May 11
LOWEST DAILY MEAN	2.7	Oct 9	2.7	Oct 9
ANNUAL SEVEN-DAY MINIMUM	3.0	Oct 5	3.0	Oct 5
ANNUAL RUNOFF (AC-FT)	5,760		6,360	9,220
10 PERCENT EXCEEDS	13		15	25
50 PERCENT EXCEEDS	6.8		8.0	8.1
90 PERCENT EXCEEDS	4.1		4.5	4.4

e Estimated