

## TRIBUTARIES BETWEEN WEBER AND JORDAN RIVERS

1

10143500 CENTERVILLE CREEK ABOVE DIVERSIONS NEAR CENTERVILLE, UT

LOCATION.--Lat 40°54'59", long 111°51'44", in SW<sup>1</sup>/<sub>4</sub>SW<sup>1</sup>/<sub>4</sub>SE<sup>1</sup>/<sub>4</sub> sec. 8, T. 2N S., R. 1 E., Davis County, Hydrologic Unit 16020102, 1.2 mi east of Centerville.

DRAINAGE AREA--3.15 mi<sup>2</sup>.

PERIOD OF RECORD--October 1949 to September 1980, May 1, 1999 to current year. Monthly discharge only for some periods, published in WSP 1314.

GAGE.--Water-stage recorder. V-notch sharp crested weir since November 1960. Elevation of gage 4,680 ft above NGVD of 1929, from topographic map.  
Prior to November 21, 1960, at site 250 ft downstream at different datum.

REMARKS.--Records fair.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 39 ft<sup>3</sup>/s, May 19, 2002, gage height, 2.44 ft; minimum daily recorded, 0.48 ft<sup>3</sup>/s, Jul 30, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 4.2 ft<sup>3</sup>/s, May 17, gage height, 0.98 ft; minimum daily discharge, 0.48 ft<sup>3</sup>/s, July 30.

DISCHARGE, CUBIC FEET PER SECOND  
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.4	1.1	1.2	1.2	1.5	1.2	1.8	2.3	2.5	1.1	0.49	0.59
2	1.2	1.2	1.2	1.2	1.5	1.1	1.8	2.2	2.4	1.0	0.59	0.58
3	1.1	1.3	1.2	1.2	1.3	1.1	1.7	2.2	2.2	1.0	0.89	0.57
4	1.1	1.3	1.2	1.2	1.3	1.2	1.5	2.4	2.1	1.0	0.79	0.56
5	1.1	1.2	1.2	1.2	1.2	1.2	1.5	2.4	1.8	0.99	0.68	0.57
6	1.1	1.1	1.2	1.2	1.2	1.2	1.5	2.5	1.7	0.97	0.66	0.56
7	1.1	1.2	1.2	1.2	1.2	1.2	1.5	2.6	1.7	0.95	0.66	0.59
8	1.1	1.5	1.2	1.2	1.2	1.2	1.5	2.6	1.6	0.92	0.64	0.56
9	1.1	1.4	1.1	1.2	1.2	1.2	1.7	2.6	1.5	0.89	0.62	0.72
10	1.1	1.3	1.2	1.3	1.2	1.2	1.9	2.9	1.5	0.87	0.62	0.88
11	1.1	1.3	1.2	1.2	1.2	1.3	2.1	2.9	1.4	0.85	0.61	0.71
12	1.1	1.2	1.2	1.2	1.2	1.4	2.3	3.0	1.4	0.83	0.62	0.68
13	1.1	1.3	1.2	1.2	1.3	1.5	2.5	2.9	1.3	0.81	0.61	0.68
14	1.1	1.2	1.2	1.2	1.4	1.8	2.7	3.1	1.3	0.79	0.60	0.67
15	1.1	1.2	1.2	1.2	1.3	1.7	2.7	3.3	1.3	0.76	0.55	0.65
16	1.1	1.2	1.2	1.2	1.3	1.8	2.3	3.6	1.4	0.72	0.57	0.65
17	1.1	1.2	1.2	1.2	1.3	1.6	2.2	3.6	1.4	0.72	0.57	0.80
18	1.1	1.2	1.3	1.1	1.3	1.5	2.7	3.4	1.3	0.72	0.56	0.75
19	1.1	1.2	1.2	1.2	1.3	1.4	2.5	3.3	1.3	0.72	0.55	0.71
20	1.1	1.2	1.2	1.2	1.3	1.4	2.6	3.3	1.3	0.71	0.54	0.69
21	1.0	1.2	1.2	1.2	1.2	1.3	2.8	3.2	1.6	0.69	0.56	0.67
22	1.1	1.2	1.2	1.2	1.2	1.4	3.1	3.2	1.2	0.66	0.66	0.66
23	1.2	1.2	1.2	1.3	1.2	1.6	2.9	3.2	1.7	0.66	0.57	0.65
24	1.2	1.2	1.2	1.2	1.2	1.5	2.6	3.3	1.4	0.66	0.56	0.65
25	1.1	1.2	1.2	1.2	1.2	1.5	2.7	3.4	1.5	0.71	0.58	0.64
26	1.1	1.2	1.2	1.2	1.2	1.7	2.9	3.3	1.7	0.60	0.57	0.65
27	1.2	1.2	1.2	1.3	1.2	1.5	2.7	3.2	1.4	0.54	0.50	0.67
28	1.2	1.2	1.2	1.7	1.2	1.4	2.6	3.1	1.2	0.52	0.56	0.71
29	1.1	1.2	1.2	1.3	---	1.4	2.6	2.9	1.2	0.50	0.60	0.67
30	1.2	1.2	1.2	1.3	---	1.4	2.4	2.8	1.1	0.48	0.64	0.65
31	1.1	---	1.2	1.4	---	1.5	---	2.7	---	0.50	0.60	---
TOTAL	34.9	36.8	37.2	38.3	35.3	43.4	68.3	91.4	46.4	23.84	18.82	19.79
MEAN	1.13	1.23	1.20	1.24	1.26	1.40	2.28	2.95	1.55	0.77	0.61	0.66
MAX	1.4	1.5	1.3	1.7	1.5	1.8	3.1	3.6	2.5	1.1	0.89	0.88
MIN	1.0	1.1	1.1	1.1	1.2	1.1	1.5	2.2	1.1	0.48	0.49	0.56
AC-FT	69	73	74	76	70	86	135	181	92	47	37	39

**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1950-80, 1999-2003, BY WATER YEAR (WY)**

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SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR	FOR 2003 WATER YEAR	WATER YEARS 1950-80, 99-2003
ANNUAL TOTAL	827.74	494.45	
ANNUAL MEAN	2.27	1.35	2.91
HIGHEST ANNUAL MEAN			4.99
LOWEST ANNUAL MEAN			1.08
HIGHEST DAILY MEAN	11 May 19	3.6 May 16	35 May 20, 1975
LOWEST DAILY MEAN	0.64 Jul 31	0.48 Jul 30	0.48 Jul 30, 2003
ANNUAL SEVEN-DAY MINIMUM	0.68 Jul 27	0.52 Jul 27	0.50 Jul 17, 1961
ANNUAL RUNOFF (AC-FT)	1,640	981	2,110
10 PERCENT EXCEEDS	6.3	2.6	6.9
50 PERCENT EXCEEDS	1.2	1.2	1.6
90 PERCENT EXCEEDS	0.88	0.62	1.0

