

10237000 BEAVER RIVER AT ADAMSVILLE, UT

LOCATION.--Lat 38°15'13", long 112°45'56", in NE¹/4 SW¹/4 SW¹/4 sec. 28, T. 29 S., R. 8 W., Beaver County, Hydrologic Unit 16030007, on right upstream wingwall of bridge on State Highway 21, 2.0 mi upstream from Indian Creek, and 1.6 mi east of Adamsville.

DRAINAGE AREA.--303 mi².

PERIOD OF RECORD.--December 1913 to current year. Monthly discharge only, October 1936 to October 1937, published in WSP 1314.

GAGE.--Water-stage recorder. Crest-stage gage since November 23, 1994. Elevation of gage is 5,550 ft above sea level, from topographic map. Prior to September 15, 1936 water-stage recorder, September 15, 1936 to October 15, 1937 nonrecording gage, and October 16, 1937 to March 19, 1970 water-stage recorder about 1.7 mi downstream. March 20, 1970 to July 25, 1979 water-stage recorder 400 ft downstream. Sites prior to July 26, 1979 at different datums. July 26, 1979 to February 5, 1992 water-stage recorder 50 ft upstream at same datum.

REMARKS.--Records good except for daily discharges less than 2.0 ft³/s and estimated daily discharges, which are poor. One small diversion between station and Minersville Reservoir. Many diversions for irrigation upstream of station.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 1,870 ft³/s, Jun 6, 1995, gage height 5.52 ft, from rating curve extended above 1,000 ft³/s; no flow during summer months some years when gage was 1.7 mi downstream.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 92 ft³/s, May 18, gage height, 4.31 ft; minimum daily discharge, 0.05 ft³/s, Jun 25, 28, Jul 2.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.19	53	38	e26	e32	37	28	.37	.13	.06	.21	.84
2	.17	47	38	e27	e33	37	20	5.5	.08	.05	.19	.85
3	.18	45	37	e27	35	38	19	4.9	.09	.06	.31	.90
4	.21	46	37	e28	35	37	15	4.9	.18	.07	.34	.78
5	.20	45	37	e29	35	34	13	4.2	.19	.09	.25	.79
6	.20	44	36	e30	35	34	16	.67	.24	.10	.32	.72
7	.20	45	36	e30	34	36	14	.47	.30	.12	.41	.67
8	.20	45	38	e31	e32	37	19	.41	.38	.11	.70	.75
9	.18	46	38	32	e30	36	23	.49	.42	.31	.78	.74
10	.25	48	38	34	e32	47	25	3.0	.44	.64	.63	.76
11	1.8	46	37	33	36	54	20	13	.40	.19	.58	.70
12	.30	43	37	33	35	40	19	9.8	.37	.11	.66	.71
13	.25	41	37	34	34	37	16	27	.46	.15	.83	.79
14	.25	e40	37	33	34	36	16	33	.37	.23	.83	.75
15	5.2	e40	38	33	34	34	7.2	57	.34	1.4	.75	.72
16	12	e39	e34	e32	35	35	1.3	56	.31	.22	.75	.71
17	17	38	e32	e30	35	33	.51	72	.36	.14	.83	.79
18	24	36	e32	e30	37	32	.40	82	.32	.12	.75	.71
19	23	e38	35	e30	44	31	.35	63	.29	.11	.96	.63
20	23	e39	37	e30	38	32	.40	57	.24	.11	1.1	.51
21	24	e40	39	e30	35	33	.61	50	.18	.10	1.2	.35
22	27	41	37	e33	35	35	.86	37	.12	.11	1.3	.30
23	27	41	37	35	34	34	.61	33	.11	.12	1.3	.23
24	29	41	36	36	34	33	.42	23	.06	.14	1.2	.22
25	30	40	36	34	33	38	.36	18	.05	.16	1.1	.19
26	29	39	e34	34	32	39	.36	15	.06	.24	1.0	.18
27	31	40	e33	33	34	40	.34	13	.06	.25	1.0	.16
28	37	39	e30	33	35	41	.33	11	.05	.21	.98	.19
29	33	39	e28	e30	---	42	.36	5.7	.06	.18	1.1	.24
30	42	39	e26	e30	---	38	.37	1.1	.07	.18	1.1	.28
31	50	---	e26	e30	---	34	---	.89	---	.21	.98	---
TOTAL	467.78	1263	1091	970	967	1144	277.78	702.40	6.73	6.29	24.44	17.16
MEAN	15.1	42.1	35.2	31.3	34.5	36.9	9.26	22.7	.22	.20	.79	.57
MAX	50	53	39	36	44	54	28	82	.46	1.4	1.3	.90
MIN	.17	36	26	26	30	31	.33	.37	.05	.05	.19	.16
AC-FT	928	2510	2160	1920	1920	2270	551	1390	13	12	48	34

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1915-36, 1938-2001, BY WATER YEAR (WY)

MEAN	19.5	41.4	41.3	39.3	43.1	43.3	30.3	73.6	82.3	16.1	14.7	11.2
MAX	66.9	70.1	62.7	65.6	65.5	85.8	144	622	1113	134	136	49.6
(WY)	1984	1983	1985	1969	1930	1916	1984	1984	1983	1983	1936	1936
MIN	.000	18.0	18.9	19.1	21.5	22.3	1.93	.32	.000	.000	.000	.000
(WY)	1932	1991	1991	1973	1935	1935	1935	1934	1934	1934	1931	1924

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1915-36, 1938-2001
ANNUAL TOTAL	7983.78	6937.58	
ANNUAL MEAN	21.8	19.0	37.9
HIGHEST ANNUAL MEAN			180
LOWEST ANNUAL MEAN			9.83
HIGHEST DAILY MEAN	80	May 18	1977
LOWEST DAILY MEAN	.17	Jun 25	1983
ANNUAL SEVEN-DAY MINIMUM	.19	Jun 24	1924
ANNUAL RUNOFF (AC-FT)	15840	13760	27480
10 PERCENT EXCEEDS	52	40	59
50 PERCENT EXCEEDS	10	19	30
90 PERCENT EXCEEDS	.22	.18	.64

e Estimated