

## WEBER RIVER BASIN

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10140100 OGDEN RIVER BELOW PINEVIEW RESERVOIR, NEAR HUNTSVILLE, UT

LOCATION.--Lat 41°15'16", long 111°51'18", in SE<sup>1</sup>/4 NE<sup>1</sup>/4 SE<sup>1</sup>/4 sec. 17, T. 6 N., R. 1 E., Weber County, Hydrologic Unit 16020102, on left bank 3,000 ft downstream from Pineview Dam, and 5.0 mi west of Huntsville.

DRAINAGE AREA.--323 mi<sup>2</sup>.

PERIOD OF RECORD.--October 1988 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,760 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are fair. Flow extensively regulated by Pineview Reservoir.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,430 ft<sup>3</sup>/s, May 5, 1999, gage height, 6.90 ft; minimum daily, 4.0 ft<sup>3</sup>/s, Jan 10, 1992.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 789 ft<sup>3</sup>/s, Jul 9, 11, gage height, 5.15 ft; minimum daily discharge, 7.5 ft<sup>3</sup>/s, Sep 28.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	155	11	12	12	12	12	33	27	106	349	39	14
2	91	11	12	11	12	12	38	26	103	356	39	12
3	61	11	12	12	12	12	35	24	97	364	24	12
4	35	11	12	12	11	e12	35	24	110	370	15	12
5	15	11	12	12	11	12	37	26	160	384	16	12
6	12	11	12	12	11	12	36	28	223	390	17	9.1
7	11	11	12	12	11	12	36	30	262	384	15	14
8	11	11	12	12	e11	12	31	29	276	590	14	10
9	11	12	12	12	11	12	29	24	250	770	15	10
10	11	12	12	12	12	12	46	27	222	769	16	10
11	11	12	12	12	12	12	32	28	215	770	14	11
12	e11	12	10	12	12	12	27	20	238	776	15	11
13	e11	12	11	12	11	14	25	20	294	758	15	11
14	e11	12	11	12	12	15	25	22	334	746	14	9.5
15	e11	12	11	12	11	14	26	24	303	741	13	10
16	e11	11	11	12	12	13	26	26	289	753	13	10
17	e11	12	e11	12	12	13	23	29	290	757	e13	10
18	e12	12	e12	13	12	12	21	82	295	748	12	10
19	e12	12	12	12	12	12	21	105	290	541	11	10
20	e12	11	12	12	12	12	22	134	292	388	12	22
21	e13	12	12	12	12	13	21	193	312	377	11	18
22	e12	13	12	12	12	15	23	339	316	381	12	8.2
23	e13	12	11	12	12	19	24	324	316	378	13	8.2
24	e13	e12	11	12	12	19	22	283	316	367	14	8.4
25	13	e12	11	12	12	12	20	227	318	198	14	8.1
26	13	12	11	12	12	12	20	160	362	68	14	7.8
27	12	12	11	12	12	18	39	107	356	11	14	8.2
28	11	11	11	12	12	22	38	93	335	24	13	7.5
29	11	12	11	12	---	25	31	100	328	47	12	7.6
30	11	12	11	12	---	27	27	96	347	41	12	11
31	14	---	12	13	---	29	---	100	---	37	14	---
TOTAL	662	350	357	373	328	460	869	2777	7955	13633	485	322.6
MEAN	21.35	11.67	11.52	12.03	11.71	14.84	28.97	89.58	265.2	439.8	15.65	10.75
MAX	155	13	12	13	12	29	46	339	362	776	39	22
MIN	11	11	10	11	11	12	20	20	97	11	11	7.5
AC-FT	1310	694	708	740	651	912	1720	5510	15780	27040	962	640

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 2002, BY WATER YEAR (WY)

MEAN	13.79	10.02	21.45	15.09	34.62	124.0	187.3	313.0	207.1	149.5	121.4	48.22
MAX	23.8	14.4	170	80.6	175	475	613	1023	551	449	230	138
(WY)	1993	1989	1992	1997	1997	1997	1998	1999	1998	2002	1991	1995
MIN	8.44	7.38	6.45	6.01	6.30	7.47	10.5	23.5	32.8	22.8	18.6	10.8
(WY)	1992	1990	1991	1992	1991	1991	1992	1992	1992	1992	2002	2002

SUMMARY STATISTICS FOR 2001 CALENDAR YEAR FOR 2002 WATER YEAR WATER YEARS 1989 - 2002

ANNUAL TOTAL	12297.1	28571.6		
ANNUAL MEAN	33.69	78.28	104.2	
HIGHEST ANNUAL MEAN			234	1997
LOWEST ANNUAL MEAN			29.2	1992
HIGHEST DAILY MEAN	204	Sep 30	776	Jul 12
LOWEST DAILY MEAN	7.0	Jan 20	7.5	Sep 28
ANNUAL SEVEN-DAY MINIMUM	7.5	Jan 16	8.0	Sep 23
ANNUAL RUNOFF (AC-FT)	24390		56670	
10 PERCENT EXCEEDS	78		314	
50 PERCENT EXCEEDS	15		12	
90 PERCENT EXCEEDS	9.6		11	
			75500	
			283	
			19	
			7.9	

e Estimated