

WEBER RIVER BASIN

10140100 OGDEN RIVER BELOW PINEVIEW RESERVOIR, NEAR HUNTSVILLE, UT

LOCATION.--Lat 41°15'16", long 111°51'18", in SE¹/₄NE¹/₄SE¹/₄ 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 mi².

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 ft³/s, May 5, 1999, gage height, 6.90 ft; minimum daily, 4.0 ft³/s, Jan 10, 1992.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 220 ft³/s, Aug 8, gage height, 3.50 ft; minimum daily discharge, 5.6 ft³/s, Oct 4.

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	11	7.7	11	12	12	8.8	34	16	22	20	25	91
2	11	8.9	11	12	12	8.6	34	16	22	20	34	87
3	10	9.4	11	12	12	8.6	33	18	22	22	109	46
4	5.6	9.9	11	12	12	8.7	30	23	23	40	106	19
5	7.5	10	11	12	12	8.6	27	26	24	46	102	17
6	8.9	11	11	12	12	8.7	25	36	24	47	101	39
7	8.9	11	12	12	12	8.7	32	42	23	40	114	68
8	9.2	11	12	12	12	9.0	34	32	22	32	146	63
9	9.2	11	11	12	12	9.5	28	29	21	32	155	50
10	9.1	12	11	12	12	11	23	29	28	33	174	49
11	9.1	12	11	12	12	12	20	31	23	33	157	57
12	9.1	12	11	12	12	12	18	27	20	34	156	91
13	9.1	12	11	12	12	12	18	25	19	32	153	121
14	8.9	12	11	12	12	12	18	22	18	18	151	105
15	8.9	12	11	12	12	11	18	20	19	11	137	96
16	8.8	12	11	12	12	13	17	20	19	13	119	111
17	8.9	12	11	12	12	16	16	21	17	13	119	96
18	8.9	12	11	12	12	18	17	24	16	13	102	101
19	8.9	12	11	12	6.5	29	16	25	15	15	59	105
20	8.8	12	11	12	7.2	29	16	26	14	14	37	75
21	8.8	12	11	12	8.3	29	18	26	14	14	97	24
22	8.8	11	11	12	8.3	34	16	26	15	16	115	26
23	8.8	11	11	12	8.3	41	15	25	17	17	78	32
24	10	11	11	12	8.3	38	14	24	45	16	34	41
25	9.4	11	11	12	8.3	37	14	23	37	15	25	57
26	9.4	11	12	12	9.2	52	13	20	37	15	41	62
27	9.4	11	12	12	9.2	29	14	20	36	16	50	54
28	9.2	11	12	12	9.2	20	16	25	36	17	41	50
29	8.9	11	12	12	9.1	18	17	34	38	17	32	50
30	9.0	11	11	12	---	21	17	28	27	23	58	49
31	7.8	---	11	12	---	31	---	23	---	25	86	---
TOTAL	279.3	332.9	347	372	307.9	604.2	628	782	713	719	2,913	1,932
MEAN	9.01	11.1	11.2	12.0	10.6	19.5	20.9	25.2	23.8	23.2	94.0	64.4
MAX	11	12	12	12	12	52	34	42	45	47	174	121
MIN	5.6	7.7	11	12	6.5	8.6	13	16	14	11	25	17
AC-FT	554	660	688	738	611	1,200	1,250	1,550	1,410	1,430	5,780	3,830

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 2004, BY WATER YEAR (WY)

MEAN	13.2	10.1	19.9	14.6	31.5	111	166	277	187	133	120	50.1
MAX	23.8	14.4	170	80.6	175	475	613	1,023	551	440	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	23.8	22.8	15.6	10.8
(WY)	(1992)	(1990)	(1991)	(1992)	(1991)	(1991)	(1992)	(1992)	(2004)	(1992)	(2002)	(2002)

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SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1989 - 2004	
ANNUAL TOTAL	12,341.9		9,930.3		94.9	
ANNUAL MEAN	33.8		27.1		234	
HIGHEST ANNUAL MEAN					27.1	
LOWEST ANNUAL MEAN					1,370	
HIGHEST DAILY MEAN	240	Aug 29	174	Aug 10	May 6, 1999	
LOWEST DAILY MEAN	5.0	Sep 11	5.6	Oct 4	Jan 10, 1992	
ANNUAL SEVEN-DAY MINIMUM	8.3	Oct 4	7.9	Feb 19	Jan 10, 1992	
ANNUAL RUNOFF (AC-FT)	24,480		19,700		68,720	
10 PERCENT EXCEEDS	91		57		258	
50 PERCENT EXCEEDS	14		15		17	
90 PERCENT EXCEEDS	9.2		9.1		8.0	

