

10137500 SOUTH FORK OGDEN RIVER NEAR HUNTSVILLE, UT

LOCATION.--Lat 41°16'07", long 111°40'24", in SE¹/₄NE¹/₄SW¹/₄ sec. 12, T. 6 N., R. 2 E., Weber County, Hydrologic Unit 16020102, on right bank 0.5 mi downstream from Magpie Creek, 0.5 mi upstream from Huntsville Mountain Canal, 5.0 mi downstream from Causey Dam, and 5.0 mi east of Huntsville.

DRAINAGE AREA.--137 mi².

PERIOD OF RECORD.--March 1921 to current year.

REVISED RECORDS.--WDR UT-77-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 5,190 ft above sea level, by barometer. Prior to August 14, 1934, at site 300 ft upstream at different datum.

REMARKS.--Records good except for estimated daily discharges, which are fair. One small diversion above station. Flow regulated by Causey Reservoir since January 4, 1966.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,890 ft³/s, May 3, 1952, gage height, 5.98 ft; minimum, 9 ft³/s, Feb 28, 1977.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 337 ft³/s, Apr 28, gage height, 2.92 ft; minimum discharge, 34 ft³/s, Aug 21.

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	42	43	40	e42	42	47	99	275	80	80	75	44
2	42	43	40	e42	41	48	112	268	75	80	70	42
3	42	42	40	e42	41	48	111	250	75	83	72	42
4	41	42	40	e42	42	49	101	243	74	87	72	43
5	41	42	40	e42	42	50	101	235	72	87	70	43
6	42	42	40	e42	42	52	100	231	72	87	69	44
7	42	42	40	e42	41	56	103	224	70	88	70	43
8	42	41	40	e42	51	62	106	222	66	86	71	43
9	42	42	40	e42	52	66	106	256	65	83	69	44
10	43	42	42	41	50	76	111	290	63	75	69	43
11	45	41	41	41	44	75	107	283	59	73	68	45
12	44	42	41	41	42	70	106	268	61	74	68	45
13	45	41	41	41	42	70	101	249	64	74	67	46
14	46	42	41	41	42	72	100	234	65	73	64	45
15	44	42	42	41	42	67	98	220	63	72	65	44
16	43	42	41	41	43	66	102	229	60	71	65	44
17	43	42	41	42	43	65	119	211	58	71	64	43
18	43	45	41	42	43	68	159	189	57	71	61	42
19	42	42	50	42	44	79	191	173	62	71	58	42
20	43	41	42	42	45	98	191	153	70	70	58	43
21	44	41	42	42	44	119	162	146	79	70	70	43
22	44	40	42	42	45	131	147	133	78	69	59	46
23	43	40	42	41	47	133	141	112	76	71	58	46
24	42	40	42	41	46	132	146	115	76	75	58	45
25	42	40	42	41	46	132	177	106	77	75	57	46
26	43	40	52	e42	46	132	205	105	78	76	48	46
27	43	40	46	e42	46	120	245	99	83	76	48	46
28	43	40	e44	e42	46	113	308	91	82	76	47	45
29	43	40	e43	e42	---	108	303	92	81	76	46	45
30	43	40	e42	e46	---	102	272	86	80	76	46	46
31	43	---	e42	e52	---	100	---	85	---	76	47	---
TOTAL	1330	1242	1302	1306	1240	2606	4430	5873	2121	2372	1929	1324
MEAN	42.9	41.4	42.0	42.1	44.3	84.1	148	189	70.7	76.5	62.2	44.1
MAX	46	45	52	52	52	133	308	290	83	88	75	46
MIN	41	40	40	41	41	47	98	85	57	69	46	42
AC-FT	2640	2460	2580	2590	2460	5170	8790	11650	4210	4700	3830	2630

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1922 - 2001, BY WATER YEAR (WY)

MEAN	42.9	40.5	43.1	43.6	52.0	96.1	276	433	167	72.5	59.7	49.3
MAX	86.0	94.0	145	108	216	419	704	931	554	149	117	104
(WY)	1985	1984	1984	1971	1986	1986	1986	1984	1983	1975	1984	1984
MIN	22.2	19.2	21.0	21.2	17.0	15.7	26.3	37.7	28.4	23.8	23.1	24.2
(WY)	1978	1978	1978	1977	1977	1977	1977	1934	1934	1934	1934	1934

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1922 - 2001
ANNUAL TOTAL	27875	27075	
ANNUAL MEAN	76.2	74.2	115
HIGHEST ANNUAL MEAN			260
LOWEST ANNUAL MEAN			36.8
HIGHEST DAILY MEAN	249	308	1640
LOWEST DAILY MEAN	40	40	13
ANNUAL SEVEN-DAY MINIMUM	40	40	13
ANNUAL RUNOFF (AC-FT)	55290	53700	83270
10 PERCENT EXCEEDS	139	132	273
50 PERCENT EXCEEDS	68	48	52
90 PERCENT EXCEEDS	41	41	32

e Estimated