



Water-Data Report UT-2005

10172875 GRANITE CREEK NEAR CALLAO, UT

Great Salt Lake Basin

LOCATION.--Lat 39°46'40", long 113°51'39" referenced to North American Datum of 1927, in SW ¼ SW ¼ NE ¼ sec.15, T.12 S., R.18 E., Juab County, Hydrologic Unit 16020306, on right bank about 150 feet upstream of irrigation diversion, 11.5 mi southwest of Callao.

DRAINAGE AREA.--8.65 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 2003 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,040 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 77 ft³/s, May 26, 2005, gage height, 3.24 ft, from rating curve; minimum daily discharge, 0.12 ft³/s, Aug 12, Sep 29, 30, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 77 ft³/s, May 26, gage height, 3.24 ft from rating curve; minimum daily discharge, 0.31 ft³/s, Oct 9.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.53	0.64	e0.95	0.78	1.8	1.5	3.5	14	47	25	3.5	0.62
2	0.45	0.63	e0.85	0.76	1.7	1.5	3.7	14	45	25	3.4	0.56
3	0.44	0.65	e0.90	0.77	1.7	1.5	3.9	15	38	23	3.1	0.52
4	0.39	0.64	e0.90	0.76	1.7	1.5	4.2	15	33	22	2.9	0.49
5	0.35	0.63	e0.85	0.73	1.7	1.5	4.3	16	30	20	2.7	0.48
6	0.34	0.64	e0.85	0.70	1.7	1.5	4.5	18	32	19	2.5	0.46
7	0.34	0.65	e0.80	0.71	1.6	1.6	5.0	18	29	17	2.4	0.43
8	0.32	0.88	e0.75	0.73	e1.4	1.7	5.8	18	26	16	2.3	0.41
9	0.31	0.86	e0.75	0.73	e1.3	1.8	6.2	18	23	16	2.3	0.38
10	0.33	0.84	0.77	0.74	e1.6	2.1	6.2	19	22	14	2.1	0.48
11	0.36	0.88	0.77	0.77	1.6	2.5	6.3	18	21	13	1.9	0.58
12	0.37	1.0	0.79	0.73	1.6	3.0	6.4	17	19	12	1.7	0.58
13	0.35	0.95	0.81	e0.70	1.6	3.6	6.9	17	17	11	1.7	0.54
14	0.34	0.95	0.83	0.71	1.6	3.9	7.7	16	17	10	1.6	0.51
15	0.34	0.95	0.85	0.70	1.5	4.0	8.1	16	23	9.3	1.5	0.46
16	0.33	0.96	0.86	0.74	1.5	4.0	8.5	15	31	8.4	1.7	0.40
17	0.34	0.95	0.90	0.75	1.5	4.0	9.8	23	35	8.0	1.6	0.40
18	0.40	0.97	0.91	0.76	1.5	3.9	11	30	36	8.1	1.3	0.42
19	0.47	0.98	0.87	0.78	1.5	3.7	11	34	37	7.7	1.1	0.40
20	0.91	0.96	0.87	0.82	1.5	3.5	10	45	37	7.2	1.0	0.35
21	0.62	1.00	e0.85	0.93	1.5	3.3	9.6	51	39	6.7	0.93	0.50
22	0.53	1.0	e0.80	1.1	1.5	3.2	8.9	53	41	6.2	0.93	0.41
23	0.50	0.98	e0.75	1.3	1.5	3.3	8.6	59	39	5.9	0.91	0.36
24	0.53	0.97	e0.80	1.4	1.5	3.2	9.1	58	37	5.4	0.81	0.38
25	0.62	0.97	e0.80	1.5	1.5	3.1	9.4	57	34	5.2	0.82	0.45
26	0.62	0.95	e0.80	1.6	1.5	3.0	10	59	33	4.8	0.79	0.43
27	0.98	0.94	0.85	1.7	1.5	3.2	11	64	29	4.4	0.72	0.39
28	0.81	e0.90	0.81	1.9	1.5	3.4	12	66	28	4.1	0.68	0.47
29	0.68	e0.95	0.83	1.9	---	3.4	12	64	26	3.8	0.61	0.37
30	0.65	e0.95	0.79	1.8	---	3.4	12	59	26	3.7	0.64	0.34
31	0.66	---	0.80	1.8	---	3.4	---	52	---	3.5	0.67	---
Total	15.21	26.22	25.71	31.80	43.6	88.2	235.6	1,038	930	345.4	50.81	13.57
Mean	0.49	0.87	0.83	1.03	1.56	2.85	7.85	33.5	31.0	11.1	1.64	0.45
Max	0.98	1.0	0.95	1.9	1.8	4.0	12	66	47	25	3.5	0.62
Min	0.31	0.63	0.75	0.70	1.3	1.5	3.5	14	17	3.5	0.61	0.34
Ac-ft	30	52	51	63	86	175	467	2,060	1,840	685	101	27

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