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Water-Data Report 2006

**10172875 GRANITE CREEK NEAR CALLAO, UT**

Great Salt Lake Basin  
Southern Great Salt Lake Desert Subbasin

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, UT, Hydrologic Unit 16020306, on right bank about 150 feet upstream of irrigation diversion, 11.5 mi southwest of Callao.

DRAINAGE AREA.--8.65 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

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

GAGE.--Water-stage recorder, crest-stage gage, and concrete weir. 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 ft<sup>3</sup>/s, May 20, 2005, gage height, 3.24 ft. from rating curve; minimum daily discharge, 0.12 ft<sup>3</sup>/s, Aug. 12, Sep. 29, 30, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 43 ft<sup>3</sup>/s, May 20, gage height, 1.85 ft; minimum daily discharge, 0.23 ft<sup>3</sup>/s, Aug 30, Sep 6.

## 10172875 GRANITE CREEK NEAR CALLAO, UT—Continued

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**  
**DAILY MEAN VALUES**  
[e, estimated]

<b>Day</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>
<b>1</b>	0.32	0.48	0.51	0.40	0.44	0.47	0.71	9.0	8.7	1.9	0.83	0.29
<b>2</b>	0.34	0.46	0.49	0.44	0.49	0.46	0.71	10	8.1	1.9	0.75	0.27
<b>3</b>	0.45	0.46	e0.45	0.44	0.44	0.46	0.74	12	8.3	1.7	0.66	0.25
<b>4</b>	0.56	0.47	e0.42	0.41	0.45	0.46	0.90	12	9.2	1.7	0.62	0.25
<b>5</b>	0.61	0.48	e0.40	0.40	0.42	0.46	1.1	12	10	1.7	0.58	0.24
<b>6</b>	0.61	0.46	e0.37	0.41	0.36	0.49	0.99	12	11	1.8	0.55	0.23
<b>7</b>	0.57	0.45	e0.40	0.41	0.45	0.51	0.97	11	11	1.6	0.52	0.27
<b>8</b>	0.56	0.45	e0.47	0.40	0.44	0.51	1.0	12	10	1.5	0.49	0.29
<b>9</b>	0.61	0.48	e0.45	0.36	0.45	0.52	1.1	12	11	1.4	0.48	0.55
<b>10</b>	0.60	0.44	e0.45	0.47	0.39	0.46	1.3	12	10	1.3	0.46	0.49
<b>11</b>	0.59	0.44	e0.42	0.44	0.41	e0.50	1.3	12	9.5	1.3	0.43	0.36
<b>12</b>	0.55	0.44	e0.42	0.41	0.52	0.54	1.4	14	8.4	1.2	0.44	0.32
<b>13</b>	0.53	0.44	e0.42	0.41	0.49	0.53	1.6	18	7.3	1.1	0.44	0.28
<b>14</b>	0.51	0.43	e0.40	0.42	0.47	0.55	2.1	23	6.4	1.0	0.40	0.28
<b>15</b>	0.50	0.43	e0.37	0.38	0.45	0.52	3.2	28	5.7	0.95	0.38	0.40
<b>16</b>	0.52	0.45	e0.40	e0.35	e0.40	0.50	3.3	31	5.1	0.91	0.40	0.41
<b>17</b>	0.51	0.45	e0.40	e0.38	0.56	0.53	3.7	32	4.5	0.86	0.40	0.41
<b>18</b>	0.53	0.44	e0.42	e0.40	e0.50	0.52	3.5	31	4.1	0.82	0.42	0.40
<b>19</b>	0.55	0.45	e0.42	0.42	e0.47	0.53	3.4	37	3.8	0.92	0.40	0.36
<b>20</b>	0.53	0.44	e0.45	0.43	e0.47	0.53	3.3	39	3.6	0.88	0.36	0.41
<b>21</b>	0.52	0.43	e0.45	0.43	e0.45	0.55	3.2	36	3.4	0.78	0.34	0.44
<b>22</b>	0.50	0.42	e0.47	0.40	e0.47	0.53	3.4	31	3.2	0.75	0.31	0.41
<b>23</b>	0.50	0.42	0.45	0.40	0.49	0.57	4.1	26	2.9	0.72	0.29	0.41
<b>24</b>	0.48	0.44	0.37	0.41	0.50	0.61	4.6	20	2.7	0.79	0.31	0.39
<b>25</b>	0.49	0.45	0.36	e0.40	0.49	0.65	4.6	18	2.5	0.84	0.34	0.37
<b>26</b>	0.48	0.44	0.37	e0.42	0.48	0.67	4.5	18	2.3	0.75	0.38	0.35
<b>27</b>	0.46	e0.40	0.36	0.44	0.49	0.65	4.8	18	2.2	0.69	0.36	0.32
<b>28</b>	0.50	e0.42	0.40	0.43	0.54	0.71	5.2	16	2.1	0.65	0.31	0.30
<b>29</b>	0.54	e0.45	0.38	0.43	---	0.78	6.3	13	2.2	0.62	0.26	0.29
<b>30</b>	0.52	0.49	0.39	0.42	---	0.72	7.6	11	2.1	0.62	0.23	0.27
<b>31</b>	0.50	---	0.42	0.43	---	0.72	---	9.8	---	0.69	0.27	---
<b>Total</b>	16.04	13.40	12.95	12.79	12.98	17.21	84.62	595.8	181.3	34.34	13.41	10.31
<b>Mean</b>	0.52	0.45	0.42	0.41	0.46	0.56	2.82	19.2	6.04	1.11	0.43	0.34
<b>Max</b>	0.61	0.49	0.51	0.47	0.56	0.78	7.6	39	11	1.9	0.83	0.55
<b>Min</b>	0.32	0.40	0.36	0.35	0.36	0.46	0.71	9.0	2.1	0.62	0.23	0.23
<b>Ac-ft</b>	32	27	26	25	26	34	168	1,180	360	68	27	20

	<b>Calendar Year 2005</b>	<b>Water Year 2006</b>
<b>Total</b>	2,819.37	1,005.15
<b>Mean</b>	7.72	2.75
<b>Max</b>	66	39
<b>Min</b>	0.32	0.23
<b>Ac-ft</b>	5,590	1,990

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