

10172875 GRANITE CREEK NEAR CALLAO, UT

LOCATION.--Lat 39°46'40", long 113°51'39", in SW^{1/4}SW^{1/4}NE^{1/4} 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.

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, 23 ft³/s, May 10, 2004, gage height, 2.04 ft, from rating curve; minimum, daily discharge, 0.12 ft³/s, Aug 12, Sep 29, 30, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 23 ft³/s, May 10, gage height, 2.04 ft from rating curve; minimum daily discharge, 0.13 ft³/s, Oct 1.

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 | 0.13 | 0.30 | 0.31 | 0.35 | e0.25 | 0.33 | 4.2 | 6.2 | 6.8 | 2.3 | 0.76 | 0.35 |
| 2 | 0.18 | 0.30 | 0.28 | 0.33 | e0.27 | 0.34 | 4.2 | 7.0 | 7.3 | 2.1 | 0.81 | 0.36 |
| 3 | 0.24 | 0.31 | 0.28 | 0.33 | e0.29 | 0.34 | 4.2 | 9.3 | 8.5 | 2.0 | 0.85 | 0.85 |
| 4 | 0.22 | 0.31 | 0.29 | e0.31 | e0.29 | 0.35 | 4.3 | 12 | 9.9 | 2.0 | 0.73 | 0.73 |
| 5 | 0.21 | 0.30 | 0.31 | e0.28 | e0.29 | 0.35 | 4.8 | 15 | 10 | 1.8 | 0.69 | 0.61 |
| 6 | 0.20 | 0.31 | 0.31 | e0.30 | e0.29 | 0.41 | 5.1 | 18 | 11 | 1.7 | 0.66 | 0.57 |
| 7 | 0.20 | 0.30 | 0.32 | e0.31 | e0.30 | 0.47 | 5.4 | 19 | 12 | 1.6 | 0.65 | 0.55 |
| 8 | 0.19 | 0.34 | 0.31 | e0.32 | e0.30 | 0.52 | 5.4 | 19 | 11 | 1.5 | 0.65 | 0.51 |
| 9 | 0.17 | 0.34 | 0.26 | e0.31 | e0.30 | 0.66 | 5.3 | 20 | 11 | 1.4 | 0.61 | 0.49 |
| 10 | 0.17 | 0.38 | 0.33 | e0.30 | e0.31 | 0.77 | 5.4 | 20 | 9.7 | 1.2 | 0.57 | 0.48 |
| 11 | 0.23 | 0.34 | 0.35 | e0.28 | e0.32 | 0.77 | 5.2 | 20 | 8.6 | 1.2 | 0.55 | 0.46 |
| 12 | 0.23 | 0.34 | 0.34 | e0.28 | e0.32 | 0.84 | 4.9 | 18 | 7.4 | 1.1 | 0.53 | 0.44 |
| 13 | 0.23 | 0.39 | 0.35 | e0.30 | e0.32 | 0.90 | 4.8 | 15 | 6.4 | 1.0 | 0.51 | 0.46 |
| 14 | 0.24 | 0.35 | 0.31 | e0.31 | e0.32 | 1.0 | 5.0 | 13 | 5.7 | 0.99 | 0.50 | 0.48 |
| 15 | 0.23 | 0.35 | e0.29 | e0.31 | e0.32 | 1.3 | 5.0 | 11 | 5.4 | 1.0 | 0.50 | 0.49 |
| 16 | 0.22 | 0.36 | e0.24 | e0.29 | e0.32 | 1.3 | 4.9 | 11 | 5.3 | 0.99 | 0.56 | 0.45 |
| 17 | 0.22 | 0.40 | e0.28 | e0.26 | e0.32 | 1.4 | 4.7 | 11 | 5.7 | 0.95 | 0.57 | 0.40 |
| 18 | 0.21 | 0.37 | e0.30 | e0.28 | 0.32 | 1.6 | 4.6 | 12 | 5.6 | 0.95 | 0.64 | 0.35 |
| 19 | 0.21 | 0.36 | e0.31 | e0.29 | 0.31 | 2.0 | 4.4 | 13 | 5.0 | 1.1 | 0.62 | 0.40 |
| 20 | 0.21 | 0.37 | e0.31 | e0.27 | 0.29 | 2.2 | 4.1 | 13 | 4.7 | 1.1 | 0.56 | 0.47 |
| 21 | 0.21 | 0.36 | e0.34 | e0.25 | 0.28 | 2.8 | 4.0 | 13 | 4.3 | 1.2 | 0.61 | 0.49 |
| 22 | 0.21 | 0.29 | e0.34 | e0.23 | 0.29 | 4.1 | 3.8 | 12 | 3.9 | 1.2 | 0.53 | 0.49 |
| 23 | 0.21 | e0.26 | 0.34 | e0.25 | 0.29 | 5.1 | 3.5 | 11 | 3.6 | 1.1 | 0.55 | 0.51 |
| 24 | 0.22 | e0.20 | 0.35 | e0.29 | 0.32 | 5.3 | 3.4 | 9.9 | 3.3 | 1.0 | 0.62 | 0.54 |
| 25 | 0.23 | e0.23 | 0.34 | e0.29 | 0.31 | 5.3 | 3.4 | 9.5 | 3.4 | 1.0 | 0.54 | 0.46 |
| 26 | 0.21 | e0.26 | 0.39 | e0.32 | 0.34 | 5.4 | 3.7 | 8.6 | 3.3 | 0.93 | 0.51 | 0.39 |
| 27 | 0.22 | e0.30 | e0.34 | e0.30 | 0.33 | 4.9 | 4.7 | 7.8 | 3.0 | 0.87 | 0.54 | 0.38 |
| 28 | 0.20 | e0.35 | e0.31 | e0.29 | 0.34 | 4.3 | 6.2 | 7.9 | 2.9 | 0.83 | 0.51 | 0.36 |
| 29 | 0.20 | 0.37 | e0.29 | e0.28 | 0.33 | 3.8 | 6.7 | 7.9 | 2.7 | 0.81 | 0.47 | 0.38 |
| 30 | 0.23 | 0.36 | e0.31 | e0.27 | --- | 3.4 | 6.4 | 7.3 | 2.5 | 0.77 | 0.43 | 0.45 |
| 31 | 0.29 | --- | e0.33 | e0.27 | --- | 3.5 | --- | 6.7 | --- | 0.73 | 0.40 | --- |
| TOTAL | 6.57 | 9.80 | 9.76 | 9.05 | 8.88 | 65.75 | 141.7 | 384.1 | 189.9 | 38.42 | 18.23 | 14.35 |
| MEAN | 0.21 | 0.33 | 0.31 | 0.29 | 0.31 | 2.12 | 4.72 | 12.4 | 6.33 | 1.24 | 0.59 | 0.48 |
| MAX | 0.29 | 0.40 | 0.39 | 0.35 | 0.34 | 5.4 | 6.7 | 20 | 12 | 2.3 | 0.85 | 0.85 |
| MIN | 0.13 | 0.20 | 0.24 | 0.23 | 0.25 | 0.33 | 3.4 | 6.2 | 2.5 | 0.73 | 0.40 | 0.35 |

e Estimated