

Salt Lake County Public Works Department
Engineering Division

#340 BIG COTTONWOOD CREEK @ COTTONWOOD LANE

USGS #: 10168800

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 2001 TO SEP 2002

| Day | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---------------|-------|----------|------|------|-------|------|-------|-------|---------|--------|------|-------|
| 1 | 3.0> | 1.0> | 1.0> | 0 | 0 | 0 | 0 | 63 | 243 | 5.0> | 1.0> | 3.0> |
| 2 | 1.0> | 1.0> | 1.0> | 0 | 0 | 0 | 0 | 59 | 210 | 3.0> | 1.0> | 3.0> |
| 3 | 3.0> | 1.0> | 1.0> | 0 | 0 | 0 | 1.0> | 55 | 165 | 1.0> | 1.0> | 3.0> |
| 4 | 3.0> | 1.0> | 1.0> | 0 | 0 | 0 | 10 | 48 | 145 | 1.0> | 1.0> | 3.0> |
| 5 | 5.0> | 1.0> | 1.0> | 0 | 0 | 0 | 17 | 64 | 137 | 1.0> | 1.0> | 3.0> |
| 6 | 5.0> | 1.0> | 1.0> | 0 | 0 | 0 | 28 | 79 | 148 | 1.0> | 1.0> | 5.0> |
| 7 | 5.0> | 1.0> | 3.0> | 0 | 3.0> | 0 | 33 | 92 | 170 | 1.0> | 1.0> | 3.0> |
| 8 | 5.0> | 1.0> | 3.0> | 0 | 3.0> | 0 | 35 | 90 | 169 | 1.0> | 1.0> | 5.0> |
| 9 | 7.2 | 1.0> | 1.0> | 0 | 1.0> | 0 | 30 | 72 | 139 | 1.0> | 1.0> | 3.0> |
| 10 | 5.3 | 1.0> | 1.0> | 0 | 0 | 0 | 34 | 63 | 95 | 1.0> | 3.0> | 5.0> |
| 11 | 5.0> | 1.0> | 1.0> | 0 | 0 | 0 | 21 | 61 | 73 | 1.0> | 1.0> | 5.0> |
| 12 | 5.0> | 1.0> | 1.0> | 0 | 0 | 0 | 9.4 | 61 | 70 | 1.0> | 3.0> | 5.0> |
| 13 | 3.0> | 1.0> | 1.0> | 0 | 0 | 3.0> | 12 | 44 | 71 | 1.0> | 3.0> | 5.0> |
| 14 | 3.0> | 1.0> | 1.0> | 0 | 0 | 1.0> | 23 | 56 | 75 | 1.0> | 3.0> | 5.0> |
| 15 | 5.0> | 1.0> | 1.0> | 0 | 0 | 0 | 60 | 86 | 80 | 1.0> | 3.0> | 3.0> |
| 16 | 3.0> | 1.0> | 1.0> | 0 | 0 | 0 | 86 | 94 | 80 | 1.0> | 3.0> | 3.0> |
| 17 | 1.0> | 1.0> | 1.0> | 0 | 0 | 0 | 65 | 108 | 75 | 1.0> | 1.0> | 5.0> |
| 18 | 1.0> | 1.0> | 1.0> | 0 | 0 | 0 | 43 | 131 | 64 | 3.0> | 1.0> | 5.6 |
| 19 | 1.0> | 1.0> | 1.0> | 0 | 0 | 0 | 26 | 168 | 62 | 5.0> | 1.0> | 15 |
| 20 | 1.0> | 1.0> | 1.0> | 0 | 0 | 0 | 21 | 212 | 57 | 3.0> | 5.0> | 5.0> |
| 21 | 1.0> | 1.0> | 1.0> | 0 | 0 | 0 | 9.9 | 214 | 52 | 5.0> | 5.0> | 5.0> |
| 22 | 1.0> | 3.0> | 1.0> | 0 | 0 | 0 | 2.3 | 154 | 43 | 3.0> | 3.0> | 5.0> |
| 23 | 1.0> | 3.0> | 1.0> | 0 | 0 | 0 | 1.0> | 104 | 34 | 3.0> | 3.0> | 3.0> |
| 24 | 1.0> | 1.0> | 1.0> | 0 | 0 | 3.0> | 1.0> | 74 | 28 | 1.0> | 3.0> | 1.0> |
| 25 | 1.0> | 1.0> | 1.0> | 0 | 0 | 3.0> | 1.0> | 57 | 21 | 1.0> | 1.0> | 1.0> |
| 26 | 1.0> | 1.0> | 1.0> | 0 | 0 | 1.0> | 6.0 | 50 | 14 | 3.0> | 3.0> | 1.0> |
| 27 | 1.0> | 1.0> | 1.0> | 0 | 0 | 0 | 48 | 59 | 11 | 3.0> | 1.0> | 1.0> |
| 28 | 1.0> | 1.0> | 1.0> | 0 | 0 | 0 | 43 | 82 | 10 | 5.0> | 1.0> | 1.0> |
| 29 | 1.0> | 1.0> | 1.0> | 0 | ----- | 0 | 41 | 122 | 7.5 | 3.0> | 1.0> | 1.0> |
| 30 | 1.0> | 1.0> | 1.0> | 0 | ----- | 0 | 54 | 169 | 8.8 | 3.0> | 3.0> | 5.0> |
| 31 | 3.0> | ----- | 1.0> | 0 | ----- | 0 | ----- | 231 | ----- | 3.0> | 3.0> | ----- |
| TOTAL | 83.5 | 34.0 | 35.0 | 0 | 7.0 | 11.0 | 761.6 | 3,022 | 2,557.3 | 67.0 | 63.0 | 116.6 |
| MEAN | 2.69 | 1.13 | 1.13 | 0 | .25 | .35 | 25.4 | 97.5 | 85.2 | 2.16 | 2.03 | 3.89 |
| MAX | 7.2 | 3.0 | 3.0 | 0 | 3.0 | 3.0 | 86 | 231 | 243 | 5.0 | 5.0 | 15 |
| MIN | 1.0 | 1.0 | 1.0 | 0 | 0 | 0 | 0 | 44 | 7.5 | 1.0 | 1.0 | 1.0 |
| AC-FT | 166 | 67 | 69 | 0 | 14 | 22 | 1,510 | 5,990 | 5,070 | 133 | 125 | 231 |
| CAL YEAR 2001 | TOTAL | 4,082.60 | MEAN | 11.2 | MAX | 297 | MIN | 0 | AC-FT | 8,100 | | |
| WTR YEAR 2002 | TOTAL | 6,758.00 | MEAN | 18.5 | MAX | 243 | MIN | 0 | AC-FT | 13,400 | | |

> Actual value is known to be less than the value shown