

SALT LAKE COUNTY PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

#820

CITY CREEK @ MEMORY GROVE PARK

USGS #: 10172499

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1971 TO SEP 1972

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|------|-------|-------|-------|-------|------|------|------|------|------|------|-------|
| 1 | 13 | 12 | 12 | 11 | 9.5 | 13 | 20 | 38 | 24 | 29 | 15 | 12 |
| 2 | 13 | 11 | 11 | 11 | 8.4 | 13 | 23 | 37 | 24 | 29 | 15 | 12 |
| 3 | 12 | 11 | 11 | 9.0 | 8.7 | 16 | 22 | 40 | 24 | 26 | 15 | 12 |
| 4 | 12 | 11 | 10 | 9.9 | 8.0 | 16 | 22 | 43 | 24 | 24 | 15 | 11 |
| 5 | 12 | 11 | 9.3 | 10 | 7.8 | 16 | 22 | 45 | 23 | 25 | 15 | 13 |
| 6 | 12 | 11 | 9.3 | 10 | 7.8 | 17 | 24 | 51 | 22 | 23 | 15 | 12 |
| 7 | 13 | 11 | 11 | 9.3 | 7.9 | 16 | 25 | 59 | 22 | 23 | 14 | 12 |
| 8 | 12 | 11 | 11 | 9.0 | 9.7 | 19 | 26 | 63 | 22 | 25 | 14 | 11 |
| 9 | 12 | 11 | 11 | 8.8 | 9.7 | 21 | 27 | 64 | 22 | 21 | 14 | 11 |
| 10 | 12 | 11 | 11 | 8.8 | 9.7 | 25 | 28 | 63 | 22 | 21 | 13 | 11 |
| 11 | 12 | 12 | 11 | 8.7 | 9.6 | 23 | 28 | 64 | 22 | 20 | 13 | 11 |
| 12 | 11 | 13 | 11 | 9.0 | 9.8 | 26 | 30 | 56 | 22 | 20 | 14 | 11 |
| 13 | 11 | 13 | 11 | 8.6 | 9.6 | 26 | 32 | 55 | 23 | 20 | 14 | 11 |
| 14 | 11 | 13 | 10 | 8.4 | 9.8 | 27 | 32 | 58 | 25 | 19 | 14 | 11 |
| 15 | 12 | 12 | 10 | 8.5 | 10 | 26 | 32 | 60 | 25 | 19 | 14 | 10 |
| 16 | 12 | 11 | 10 | 8.3 | 9.8 | 26 | 32 | 65 | 25 | 19 | 13 | 10 |
| 17 | 12 | 11 | 9.7 | 9.5 | 9.8 | 28 | 34 | 78 | 36 | 19 | 13 | 10 |
| 18 | 11 | 10 | 9.7 | 9.8 | 9.9 | 25 | 34 | 83 | 36 | 18 | 13 | 10 |
| 19 | 12 | 10 | 9.7 | 10 | 10 | 26 | 34 | 80 | 36 | 18 | 13 | 12 |
| 20 | 11 | 10 | 9.6 | 11 | 11 | 25 | 34 | 79 | 36 | 18 | 13 | 11 |
| 21 | 11 | 10 | 9.4 | 11 | 12 | 26 | 34 | 74 | 36 | 18 | 13 | 11 |
| 22 | 11 | 11 | 10 | 11 | 12 | 26 | 33 | 70 | 38 | 17 | 12 | 10 |
| 23 | 11 | 11 | 10 | 11 | 13 | 28 | 33 | 64 | 32 | 17 | 13 | 9.9 |
| 24 | 12 | 11 | 11 | 11 | 13 | 27 | 32 | 62 | 32 | 17 | 13 | 10 |
| 25 | 11 | 10 | 15 | 10 | 13 | 25 | 33 | 62 | 32 | 17 | 13 | 10 |
| 26 | 11 | 9.9 | 16 | 10 | 13 | 24 | 34 | 59 | 32 | 16 | 15 | 10 |
| 27 | 12 | 11 | 14 | 10 | 13 | 24 | 34 | 61 | 32 | 16 | 13 | 11 |
| 28 | 12 | 11 | 11 | 10 | 12 | 23 | 34 | 61 | 35 | 16 | 12 | 11 |
| 29 | 11 | 11 | 13 | 9.5 | 12 | 24 | 35 | 62 | 28 | 16 | 12 | 10 |
| 30 | 11 | 11 | 12 | 8.8 | --- | 22 | 36 | 38 | 26 | 16 | 12 | 11 |
| 31 | 11 | --- | 11 | 9.2 | --- | 21 | --- | 24 | --- | 16 | 12 | --- |
| TOTAL | 362 | 332.9 | 340.7 | 300.1 | 299.5 | 700 | 899 | 1818 | 838 | 618 | 419 | 327.9 |
| MEAN | 11.7 | 11.1 | 11.0 | 9.68 | 10.3 | 22.6 | 30.0 | 58.6 | 27.9 | 19.9 | 13.5 | 10.9 |
| MAX | 13 | 13 | 16 | 11 | 13 | 28 | 36 | 83 | 38 | 29 | 15 | 13 |
| MIN | 11 | 9.9 | 9.3 | 8.3 | 7.8 | 13 | 20 | 24 | 22 | 16 | 12 | 9.9 |
| AC-FT | 718 | 660 | 676 | 595 | 594 | 1390 | 1780 | 3610 | 1660 | 1230 | 831 | 650 |

CAL YR 1971 TOTAL 8372.9 MEAN 22.9 MAX 86 MIN 4.7 AC-FT 16610
WTR YR 1972 TOTAL 7255.1 MEAN 19.8 MAX 83 MIN 7.8 AC-FT 14390