

NATIONAL PARK SERVICE
Zion National Park – Water Year 1995
 372340113113001 La Verkin Creek Below Timber Creek, UT

LOCATION. – Lat 37° 23' 40", Long 113° 11' 30", NW¼/ Sec. 15, T.39 S., R.12 W., Hydrologic Unit 15010008 in Washington County, Utah.

DRAINAGE AREA. – 52.4 mi².

PERIOD OF RECORD. – May 1992 to November 1994.

GAGE. – Water-stage recorder and pressure sensor. Elevation of gage is 4,925 feet above Mean Sea Level, based on National Geodetic Vertical Datum of 1929.

REMARKS. – The discharge record is poor due to numerous data corrections.

Discharge, cubic feet per second
 WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
 DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 | 5.1 | 4.3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 2 | 4.7 | 6.2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3 | 4.6 | 5.3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | 19 | 4.1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | 12 | 4.0 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | 9.6 | 4.2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | 7.2 | 3.9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | 7.0 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | 6.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | 6.4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | 6.4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | 6.1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | 6.3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | 8.3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | 25 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | 7.0 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 17 | 6.4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18 | 6.2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 19 | 5.8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 20 | 5.8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 21 | 5.7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 22 | 5.4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 23 | 5.4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 24 | 5.4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 25 | 5.0 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 26 | 5.0 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 27 | 5.0 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 28 | 4.7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 29 | 4.6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 30 | 4.6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 31 | 4.4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| TOTAL | 220.6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MEAN | 7.12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MAX | 25 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MIN | 4.4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AC-FT | 438 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 1995, BY WATER YEAR (WY)

| | 1992 | 1993 | 1994 | 1995 | 1992 | 1993 | 1994 | 1995 | 1992 | 1993 | 1994 | 1995 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 8.86 | 4.17 | --- | --- | 33.2 | 28.3 | 39.8 | 22.8 | 5.23 | 4.07 | 5.50 | 5.61 |
| MAX | 10.6 | 4.17 | --- | --- | 33.2 | 47.0 | 65.7 | 49.1 | 5.24 | 4.36 | 6.91 | 5.64 |
| (WY) | 1993 | 1993 | --- | --- | 1993 | 1993 | 1993 | 1993 | 1992 | 1992 | 1992 | 1992 |
| MIN | 7.12 | 4.17 | --- | --- | 33.2 | 9.61 | 14.0 | 8.32 | 5.22 | 3.77 | 4.08 | 5.59 |
| (WY) | 1995 | 1993 | --- | --- | 1993 | 1994 | 1994 | 1992 | 1994 | 1994 | 1994 | 1994 |

SUMMARY STATISTICS

WATER YEARS 1992 - 1995

| | | |
|--------------------------|-----|-------------|
| HIGHEST DAILY MEAN | 133 | Feb 19 1993 |
| LOWEST DAILY MEAN | 2.6 | Nov 24 1993 |
| ANNUAL SEVEN-DAY MINIMUM | 2.9 | Nov 18 1993 |
| 10 PERCENT EXCEEDS | 48 | |
| 50 PERCENT EXCEEDS | 6.0 | |
| 90 PERCENT EXCEEDS | 3.7 | |