

**NATIONAL PARK SERVICE**  
**Zion National Park – Water Year 1993**  
 372340113113001 La Verkin Creek Below Timber Creek, UT

LOCATION. –Lat 37° 23' 40", Long 113° 11' 30", NW 1/4 Sec. 15, T.39 S., R.12 W., Hydrologic Unit 15010008 in Washington County, Utah.

DRAINAGE AREA. – 52.4 mi<sup>2</sup>.

PERIOD OF RECORD. – May 1992 to current year.

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 1992 TO SEPTEMBER 1993  
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.9	5.0	4.3	---	16	22	54	77	23	---	---	---
2	4.8	4.6	4.1	---	15	23	55	73	22	---	---	---
3	5.0	4.3	4.0	---	13	25	53	77	21	---	---	---
4	4.9	4.1	4.1	---	13	26	59	73	20	---	---	---
5	4.9	4.2	4.3	---	12	31	57	59	23	---	---	---
6	4.9	4.2	4.3	---	11	40	49	55	51	---	---	---
7	4.9	4.2	4.3	36	13	45	44	60	22	---	---	---
8	4.9	4.1	4.4	97	112	48	49	56	20	---	---	---
9	4.9	4.1	4.3	16	73	44	57	51	18	---	---	---
10	5.0	4.1	4.3	12	41	43	59	55	17	---	---	---
11	4.9	4.0	4.6	13	29	48	64	60	17	---	---	---
12	4.9	4.0	5.2	9.2	24	31	63	64	16	---	---	---
13	4.9	4.1	4.5	12	21	27	52	68	15	---	---	---
14	4.9	4.1	7.9	65	19	29	52	62	14	---	---	---
15	5.1	4.0	6.3	33	17	34	54	61	---	---	---	---
16	5.0	4.0	5.2	69	16	42	60	67	---	---	---	---
17	4.9	4.0	6.0	83	16	47	69	51	---	---	---	---
18	5.0	4.0	4.4	82	22	61	72	47	---	---	---	---
19	5.0	4.0	8.4	37	133	45	67	44	---	---	---	---
20	5.0	4.0	12	23	73	43	68	41	---	---	---	---
21	5.1	4.0	17	23	43	48	74	38	---	---	---	---
22	5.2	4.1	---	24	33	48	81	36	---	---	---	---
23	5.1	4.2	---	15	28	53	83	33	---	---	---	---
24	11	4.0	---	14	30	60	77	31	---	---	---	---
25	6.3	4.3	---	14	28	79	79	29	---	---	---	---
26	5.3	5.0	---	14	26	82	85	28	---	---	---	---
27	5.2	4.3	---	15	26	93	86	27	---	---	---	---
28	6.2	4.0	---	15	26	81	86	26	---	---	---	---
29	12	4.0	---	12	---	60	82	25	---	---	---	---
30	49	4.2	---	14	---	51	80	24	---	---	---	---
31	22	---	---	17	---	47	---	23	---	---	---	---
TOTAL	231.1	125.2	---	---	929	1456	1970	1521	---	---	---	---
MEAN	7.45	4.17	---	---	33.2	47.0	65.7	49.1	---	---	---	---
MAX	49	5.0	---	---	133	93	86	77	---	---	---	---
MIN	4.8	4.0	---	---	11	22	44	23	---	---	---	---
AC-FT	458	248	---	---	1840	2890	3910	3020	---	---	---	---

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 1993, BY WATER YEAR (WY)

MEAN	7.45	4.17	---	---	33.2	47.0	65.7	28.7	5.24	4.36	6.91	5.64
MAX	7.45	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	7.45	4.17	---	---	33.2	47.0	65.7	8.32	5.24	4.36	6.91	5.64
(WY)	1993	1993	---	---	1993	1993	1993	1993	1992	1992	1992	1992

SUMMARY STATISTICS

WATER YEARS 1992 - 1993

HIGHEST DAILY MEAN	133	Feb 19 1993
LOWEST DAILY MEAN	2.9	Aug 19 1992
ANNUAL SEVEN-DAY MINIMUM	3.3	Aug 8 1992
10 PERCENT EXCEEDS	61	
50 PERCENT EXCEEDS	6.6	
90 PERCENT EXCEEDS	4.0	