

LAKE WASHINGTON BASIN

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12116100 CANYON CREEK NEAR CEDAR FALLS, WA

LOCATION.--Lat 47°25'11", long 121°45'55", in NW 1/4 SE 1/4 sec.3, T.22 N., R.8 E., King County, Hydrologic Unit 17110012, Snoqualmie National Forest, on right bank 400 ft upstream from mouth, and 0.8 mi east of town of Cedar Falls.

DRAINAGE AREA.--0.19 mi².

PERIOD OF RECORD.--May 1945 to current year. Prior to October 1960 published in WSP 1932.

GAGE.--Water-stage recorder and wooden control. Elevation of gage is 1,040 ft above NGVD of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records fair. No regulation or diversion upstream from station. Flow is mostly seepage from Chester Morse Lake.

AVERAGE DISCHARGE.--57 years (water years 1946-2002), 15.2 ft³/s, 10,980 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 131 ft³/s Dec. 7, 1975, gage height, 2.22 ft; minimum daily discharge, 0.22 ft³/s Nov. 6-11, 17-22, 1987.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 50 ft³/s June 10-12; minimum discharge, 1.3 ft³/s Oct. 27-30.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.0	1.8	13	13	8.4	6.7	6.3	6.5	20	35	28	16
2	3.9	2.0	12	13	8.4	6.9	6.2	6.5	23	35	28	16
3	3.7	2.3	12	12	8.4	6.9	6.0	6.5	26	35	28	16
4	3.5	2.5	11	11	8.4	7.2	5.9	6.5	30	34	27	15
5	3.5	2.8	11	11	8.4	7.2	5.9	6.8	35	34	26	15
6	3.3	3.1	11	10	8.4	7.2	5.7	6.9	40	34	25	15
7	3.0	3.4	10	10	8.4	7.4	5.6	6.9	44	35	25	15
8	3.0	3.8	10	9.9	8.3	7.6	5.3	7.2	47	35	25	15
9	2.8	4.0	10	9.4	8.0	7.6	5.3	7.2	48	35	24	13
10	2.7	4.4	9.9	8.8	8.0	7.6	5.3	7.2	49	35	24	13
11	2.6	4.8	9.6	8.8	8.0	8.3	5.3	7.3	49	35	23	13
12	2.4	5.2	9.6	8.8	7.6	8.1	5.3	7.6	49	35	23	13
13	2.3	5.8	10	8.8	7.6	7.8	5.3	7.6	48	36	23	13
14	2.3	7.9	9.9	8.8	7.3	7.6	6.3	7.7	48	36	22	13
15	2.0	7.2	9.6	8.8	7.2	7.6	5.2	7.9	48	36	22	12
16	1.9	7.2	9.9	9.0	7.2	7.3	5.0	8.0	48	36	21	12
17	1.8	7.6	9.8	9.2	7.2	7.2	5.0	8.0	49	35	21	12
18	1.7	7.8	9.6	9.3	7.1	7.2	5.0	8.0	49	35	20	12
19	1.6	8.7	9.9	9.6	6.9	7.3	5.1	8.2	49	35	20	12
20	1.5	9.3	11	9.6	6.9	8.1	5.3	8.5	48	35	19	11
21	1.5	9.8	12	9.6	7.1	7.2	5.5	8.8	49	35	19	11
22	1.4	11	13	9.6	7.2	7.2	5.7	9.2	48	34	19	11
23	1.4	12	15	9.4	6.9	7.2	5.9	9.7	47	34	19	11
24	1.4	11	15	9.3	6.9	7.2	5.9	10	46	33	18	10
25	1.4	11	16	10	6.5	6.9	6.1	11	45	32	18	10
26	1.4	11	16	9.3	6.5	6.9	6.2	12	43	32	18	10
27	1.4	11	16	8.8	6.5	6.9	6.5	13	41	31	18	9.6
28	1.3	12	16	8.7	6.5	6.6	6.5	15	39	31	17	9.6
29	1.3	13	15	8.4	---	6.5	6.5	16	38	30	16	9.2
30	1.4	12	15	8.4	---	6.5	6.5	16	36	29	16	9.2
31	1.7	---	14	8.4	---	6.5	---	18	---	28	16	---
TOTAL	69.1	215.4	371.8	298.7	210.2	224.4	171.6	285.7	1279	1050	668	372.6
MEAN	2.229	7.180	11.99	9.635	7.507	7.239	5.720	9.216	42.63	33.87	21.55	12.42
MAX	4.0	13	16	13	8.4	8.3	6.5	18	49	36	28	16
MIN	1.3	1.8	9.6	8.4	6.5	6.5	5.0	6.5	20	28	16	9.2
AC-FT	137	427	737	592	417	445	340	567	2540	2080	1320	739

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1945 - 2002, BY WATER YEAR (WY)

MEAN	3.024	7.827	16.48	15.68	14.86	12.43	13.04	22.80	32.56	24.44	13.43	5.380
MAX	22.6	67.3	58.6	51.5	65.6	47.7	53.8	51.6	73.1	63.9	39.8	18.5
(WY)	1960	1948	1976	1954	1953	1950	1988	1988	1946	1955	1955	1955
MIN	0.32	0.23	0.46	0.63	0.38	0.41	4.31	3.65	9.80	5.74	1.55	0.53
(WY)	1988	1988	1953	2001	2001	2001	1956	1999	1963	1978	1987	1978

SUMMARY STATISTICS

FOR 2001 CALENDAR YEAR

FOR 2002 WATER YEAR

WATER YEARS 1945 - 2002

ANNUAL TOTAL	5210.19	5216.5		
ANNUAL MEAN	14.27	14.29	15.16	
HIGHEST ANNUAL MEAN			29.3	1950
LOWEST ANNUAL MEAN			6.25	1977
HIGHEST DAILY MEAN	59	Jun 21	49	Jun 10
LOWEST DAILY MEAN	0.30	Feb 15	1.3	Oct 28
ANNUAL SEVEN-DAY MINIMUM	0.30	Feb 15	1.4	Oct 23
ANNUAL RUNOFF (AC-FT)	10330	10350	10980	
10 PERCENT EXCEEDS	43	35	35	
50 PERCENT EXCEEDS	9.9	9.6	11	
90 PERCENT EXCEEDS	0.40	3.8	1.6	