

LAKE WASHINGTON BASIN

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 sea level, from topographic map.

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

AVERAGE DISCHARGE.--56 years (water years 1946-2001), 15.2 ft³/s, 10,990 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, 60 ft³/s June 22; minimum discharge, 0.30 ft³/s several days in February and March.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.7	3.7	1.5	.89	.46	.35	.68	19	43	56	21	13
2	2.5	3.5	1.5	.89	.46	.35	.77	19	43	55	21	13
3	2.4	3.5	1.5	.83	.46	.35	.97	20	e43	53	20	12
4	2.2	3.5	1.4	.81	.57	.32	1.2	20	e43	51	20	12
5	2.1	3.5	1.4	.88	.52	.30	1.6	21	e43	48	20	12
6	2.1	3.3	1.4	.80	.52	.30	2.2	21	e43	47	19	12
7	2.1	3.3	1.4	.73	.52	.33	2.7	22	e43	44	19	11
8	2.2	3.3	1.3	.73	.47	.35	3.3	23	e43	42	19	11
9	2.3	3.4	1.3	.73	.46	.40	3.7	24	e43	40	18	11
10	2.4	3.3	1.3	.67	.41	.37	4.3	24	e43	38	18	11
11	2.5	3.1	1.2	.65	.40	.35	4.8	25	e43	37	18	10
12	2.6	3.0	1.2	.65	.40	.35	5.3	25	e43	36	18	10
13	2.7	2.8	1.2	.61	.40	.38	6.2	26	e43	34	18	9.8
14	2.8	2.8	1.2	.58	.35	.40	7.3	26	43	34	17	9.5
15	2.8	2.8	1.1	.58	.30	.41	8.3	27	45	33	17	9.1
16	3.0	2.5	1.1	.58	.30	.46	9.2	28	49	32	17	8.7
17	3.1	2.5	1.1	.58	.30	.43	10	28	53	30	16	8.3
18	3.2	2.4	1.1	.53	.30	.49	12	29	56	29	16	7.8
19	3.5	2.5	1.1	.52	.30	.78	12	30	56	29	16	7.4
20	3.8	2.4	1.1	.52	.30	.49	13	33	58	28	16	7.1
21	3.9	2.3	1.1	.52	.30	.43	14	35	59	27	16	6.8
22	3.7	2.3	1.1	.52	.30	.40	14	36	59	26	15	6.4
23	3.7	2.1	1.1	.52	.30	.40	15	36	59	25	15	6.2
24	3.7	2.0	1.1	.52	.30	.40	15	36	59	25	15	5.9
25	3.7	2.0	1.1	.52	.30	.40	15	38	58	24	14	5.6
26	3.8	2.0	1.1	.52	.30	.40	15	38	57	24	14	5.3
27	3.7	2.2	1.0	.52	.30	.42	16	39	57	23	14	5.0
28	3.7	1.8	.98	.52	.30	.46	16	40	56	23	13	4.8
29	3.7	1.7	.98	.52	---	.46	17	41	57	22	13	4.6
30	3.7	1.7	.93	.48	---	.48	18	42	56	22	13	4.3
31	3.7	---	.89	.46	---	.58	---	42	---	21	13	---
TOTAL	94.0	81.2	36.78	19.38	10.60	12.79	264.52	913	1496	1058	519	260.6
MEAN	3.03	2.71	1.19	.63	.38	.41	8.82	29.5	49.9	34.1	16.7	8.69
MAX	3.9	3.7	1.5	.89	.57	.78	18	42	59	56	21	13
MIN	2.1	1.7	.89	.46	.30	.30	.68	19	43	21	13	4.3
AC-FT	186	161	73	38	21	25	525	1810	2970	2100	1030	517

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1945 - 2001, BY WATER YEAR (WY)

	3.04	7.84	16.6	15.8	15.0	12.5	13.2	23.0	32.4	24.3	13.3	5.26
MEAN	3.04	7.84	16.6	15.8	15.0	12.5	13.2	23.0	32.4	24.3	13.3	5.26
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	.32	.23	.46	.63	.38	.41	4.31	3.65	9.80	5.74	1.55	.53
(WY)	1988	1988	1953	2001	2001	2001	1956	1999	1963	1978	1987	1978

SUMMARY STATISTICS

	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1945 - 2001	
ANNUAL TOTAL	4402.38		4765.87			
ANNUAL MEAN	12.0		13.1		15.2	
HIGHEST ANNUAL MEAN					29.3	
LOWEST ANNUAL MEAN					6.25	
HIGHEST DAILY MEAN	54	Jun 18	59	Jun 21	120	Dec 7 1975
LOWEST DAILY MEAN	.89	Dec 31	.30	Feb 15	.22	Nov 6 1987
ANNUAL SEVEN-DAY MINIMUM	1.0	Dec 25	.30	Feb 15	.22	Nov 5 1987
ANNUAL RUNOFF (AC-FT)	8730		9450		10990	
10 PERCENT EXCEEDS	34		43		35	
50 PERCENT EXCEEDS	5.3		3.7		11	
90 PERCENT EXCEEDS	2.0		.40		1.6	

e Estimated