

LAKE WASHINGTON BASIN

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12116400 CEDAR RIVER AT POWERPLANT, AT CEDAR FALLS, WA

LOCATION.--Lat 47°25'08", long 121°46'49", in SE 1/4 sec.4, T.22 N., R.8 E., King County, Hydrologic Unit 17110012, on right bank 100 ft upstream from Seattle Municipal Powerplant at town of Cedar Falls, and at mile 33.7.

DRAINAGE AREA.--83.9 mi², includes 78.4 mi² upstream from Cedar Lake which is non-contributing except during spillage and seepage from dam.

PERIOD OF RECORD.--October 2001 to September 2002.

GAGE.--Water-stage recorder, crest-stage gage and concrete weir. Datum of gage is 900.00 ft above NGVD of 1929 (City of Seattle benchmark).

REMARKS.--Records good except for estimated daily discharges, which are fair. Flow regulated by Chester Morse Lake (station 12115900) and Cedar Lake (station 12116060) to supply powerplant, which discharges below gage. Entire flow of river normally diverted at Cedar Lake except for infrequent releases. U.S. Geological Survey satellite telemeter at station.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 720 ft³/s June 22, gage height, 34.44 ft; minimum discharge, 3.3 ft³/s Oct. 7.

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	e5.1	26	36	21	24	e22	20	24	e40	165	76	e20
2	4.8	29	34	21	23	e20	20	27	e42	48	75	20
3	4.4	27	30	21	24	19	19	26	e45	45	74	20
4	4.1	25	28	21	23	19	e18	24	49	43	74	19
5	3.8	26	26	20	22	19	e20	e21	58	41	66	17
6	3.6	24	28	23	22	18	28	21	117	40	51	17
7	3.5	22	26	85	24	17	33	20	513	40	50	17
8	4.4	20	25	94	25	17	29	20	594	40	50	16
9	4.9	19	28	60	24	16	27	19	590	40	39	16
10	5.0	18	26	41	22	17	36	18	610	39	27	23
11	16	17	24	33	22	32	47	e18	473	57	26	52
12	17	18	24	32	20	34	66	e18	242	84	25	75
13	25	21	74	29	19	29	93	e23	65	84	25	e81
14	32	102	75	162	18	26	160	e29	62	84	e25	e86
15	28	74	48	398	18	24	175	e27	58	84	e24	e86
16	21	51	69	533	17	23	355	e25	104	107	24	e88
17	18	40	72	426	17	21	342	e26	530	149	24	e89
18	15	33	111	125	19	20	491	e28	694	172	23	88
19	19	33	115	24	21	26	625	e26	692	170	23	88
20	21	73	150	26	21	36	614	e28	686	170	23	87
21	20	302	317	25	42	26	602	e37	686	170	22	87
22	21	469	448	23	79	22	449	e34	682	168	22	86
23	22	486	442	22	65	21	146	32	673	168	22	86
24	24	467	438	29	50	20	22	31	588	167	21	98
25	35	455	434	53	37	20	21	32	411	137	21	131
26	33	447	342	37	30	20	21	34	301	92	21	130
27	28	364	154	30	26	20	20	36	300	79	22	130
28	23	114	25	26	e24	20	20	51	246	79	22	130
29	20	36	24	23	---	20	20	60	212	78	22	130
30	19	32	22	23	---	20	21	e47	198	78	20	129
31	24	---	22	26	---	20	---	e42	---	76	e20	---
TOTAL	524.6	3870	3717	2512	778	684	4560	904	10561	2994	1059	2142
MEAN	16.9	129	120	81.0	27.8	22.1	152	29.2	352	96.6	34.2	71.4
MAX	35	486	448	533	79	36	625	60	694	172	76	131
MIN	3.5	17	22	20	17	16	18	18	40	39	20	16
AC-FT	1040	7680	7370	4980	1540	1360	9040	1790	20950	5940	2100	4250

e Estimated