12069550 BIG BEEF CREEK NEAR SEABECK, WA

LOCATION.--Lat 47°38'27", long 122°47'02", in NW $^1/_4$ SE $^1/_4$ sec.22, T.25 N., R.1 W., Kitsap County, Hydrologic Unit 17110018, on left bank 1.1 mi upstream from county road bridge across Big Beef Harbor, and 1.9 mi east of Seabeck.

DRAINAGE AREA.--13.8 mi^2.

PERIOD OF RECORD.--August 1969 to October 1981, June 1983 to September 1995 (seasonal records), October 1995 to current year.

REVISED RECORDS.--WDR WA-76-1: 1975(M).

GAGE.--Water-stage recorder. Elevation of gage is 40 ft above sea level, from topographic map. Prior to July 7, 1978, at site 110 ft downstream at datum 2.03 ft lower.

REMARKS.--Records fair. Flow regulated by Lake Symington, 4.6 mi upstream. No diversions upstream from station.

AVERAGE DISCHARGE.--18 years (water years 1970-81, 1996-2001), 41.9 ft^3/s, 41.27 in/yr, 30,370 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,840 ft^3/s Jan. 1, 1997, gage height, 6.97 ft, from rating curve extended above 700 ft^3/s on basis of slope-area measurement at gage height of 6.97 ft; minimum discharge, 2.2 ft^3/s Aug. 12-17, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 161 ft^3/s Dec. 23; gage height, 3.15 ft; minimum discharge, 2.9 ft^3/s Sept. 12-16, 18, 20-21, 23-24.

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	7.1	9.2	44	35	27	32	31	e29	8.5	7.3	4.5	3.9
2	5.3	7.7	45	31	44	41	30	25	8.5	8.0	4.5	3.7
3	3.9	6.8	38	28	40	35	29	23	14	6.2	4.5	3.7
4	3.8	8.6	29	37	48	32	28	21	12	5.9	4.5	3.5
5	4.1	8.3	24	68	45	29	27	21	11	6.1	4.2	3.3
6	4.3	8.3	21	61	41	28	26	19	9.8	6.2	4.3	3.4
7	4.3	8.0	18	49	36	26	24	19	8.9	5.9	4.0	3.3
8	4.4	9.6	17	42	33	25	24	17	8.5	5.6	4.0	3.3
9	5.3	8.9	16	39	32	25	23	17	8.1	5.8	3.9	3.3
10	6.4	8.5	15	45	29	24	23	16	7.2	7.5	3.8	3.2
11	5.9	8.6	14	40	27	23	23	16	12	7.4	3.8	3.1
12	5.5	8.1	13	35	25	24	22	16	14	6.8	3.8	3.1
13	5.3	8.0	13	31	23	23	22	16	12	6.3	3.8	3.0
14	5.3	7.8	13	29	22	22	22	19	10	6.0	3.8	3.0
15	5.2	7.5	14	26	21	22	21	24	9.7	5.7	3.8	2.9
16	7.2	7.1	68	24	25	23	21	21	9.4	6.5	3.9	3.0
17	8.5	7.0	127	22	26	22	22	17	8.9	6.2	3.9	3.1
18	10	6.9	78	22	34	27	23	14	8.7	5.7	3.9	3.0
19	8.7	6.2	55	24	37	32	22	13	8.5	6.9	4.0	3.1
20	18	5.1	43	23	35	29	21	12	7.9	5.9	3.9	3.0
21	14	4.6	42	50	33	26	20	11	7.4	5.1	4.6	3.0
22	9.5	4.5	115	56	34	25	19	11	7.2	4.5	16	3.1
23	7.9	7.2	153	45	32	24	19	10	7.1	5.5	17	3.1
24	7.1	8.2	133	40	30	23	19	9.5	7.3	4.5	12	3.1
25	6.8	8.2	92	35	28	28	18	9.1	7.5	4.1	8.3	3.3
26	6.7	29	67	31	26	28	18	8.7	7.6	4.0	6.7	6.6
27	6.9	52	53	28	25	32	17	8.4	8.6	4.1	6.1	5.1
28	13	28	44	27	23	42	16	8.6	9.2	4.9	5.3	3.8
29	16	23	38	39	---	38	22	8.1	8.3	4.8	4.7	3.3
30	13	46	35	34	---	34	e31	8.1	7.4	4.7	4.1	3.2
31	11	---	37	30	---	33	---	8.0	---	4.7	3.8	---
TOTAL	240.4	366.9	1514	1126	881	877	683	475.5	275.2	178.8	169.4	102.5
MEAN	7.75	12.2	48.8	36.3	31.5	28.3	22.8	15.3	9.17	5.77	5.46	3.42
MAX	18	52	153	68	48	42	31	29	14	8.0	17	6.6
MIN	3.8	4.5	13	22	21	22	16	8.0	7.1	4.0	3.8	2.9
AC-FT	477	728	3000	2230	1750	1740	1350	943	546	355	336	203
CFSM	.56	.89	3.54	2.63	2.28	2.05	1.65	1.11	.66	.42	.40	.25
IN.	.65	.99	4.08	3.04	2.37	2.36	1.84	1.28	.74	.48	.46	.28

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1969 - 2001, BY WATER YEAR (WY)

MEAN	13.3	49.5	102	93.0	88.6	70.3	34.9	17.5	10.0	5.81	4.33	5.55
MAX	77.4	136	205	178	300	144	67.6	37.8	17.9	10.5	8.41	21.0
(WY)	1998	1976	1999	1999	1999	1997	1996	1996	2000	1997	1975	1978
MIN	3.36	4.23	8.03	9.65	15.0	27.5	11.1	9.32	5.05	3.57	2.48	2.56
(WY)	1988	1994	1977	1977	1977	1996	1977	1977	1989	1991	1994	1994

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1969 - 2001	
ANNUAL TOTAL	10847.2		6889.7			
ANNUAL MEAN	29.6		18.9		41.9	
HIGHEST ANNUAL MEAN					82.1	1999
LOWEST ANNUAL MEAN					14.9	1977
HIGHEST DAILY MEAN	225	Feb 1	153	Dec 23	1600	Jan 1 1997
LOWEST DAILY MEAN	3.2	Sep 15	2.9	Sep 15	2.2	Aug 13 1990
ANNUAL SEVEN-DAY MINIMUM	3.2	Sep 22	3.0	Sep 12	2.3	Aug 11 1990
ANNUAL RUNOFF (AC-FT)	21520		13670		30370	
ANNUAL RUNOFF (CFSM)	2.15		1.37		3.04	
ANNUAL RUNOFF (INCHES)	29.24		18.57		41.27	
10 PERCENT EXCEEDS	71		38		84	
50 PERCENT EXCEEDS	17		13		10	
90 PERCENT EXCEEDS	4.3		3.9		3.5	

e Estimated