12118500 ROCK CREEK NEAR MAPLE VALLEY, WA

LOCATION.--Lat 47°22'50", long 122°01'10", in SE $^1/_4$ NE $^1/_4$ sec.22, T.22 N., R.6 E., on right bank 20 ft below box culvert exit, 650 ft upstream from mouth and 2 mi southeast of Maple Valley.

DRAINAGE AREA.--12.6 mi^2.

PERIOD OF RECORD.--June 1945 to September 1973. May to September, 2001.

GAGE.--Water-stage recorder. Elevation of gage is 425 ft, from topographic map. Prior to March 16, 1953, recording gage at site 50 ft upstream at datum 13.10 ft higher. March 16, 1953, to September 30, 1973, recording gage at site 100 ft upstream at datum 13.951 ft higher.

REMARKS.--No estimated daily discharges. Records good. Diversions by City of Kent upstream of gage for municipal use may effect flow.

AVERAGE DISCHARGE.--28 years (water years 1946-73), 20.0 ft^3/s, 14,490 acre-ft per year.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 221 ft^3/s Mar. 6, 1972, gage height 4.06 ft datum then in use; minimum, 0.29 ft^3/s Sept. 27, 1973.

EXTREMES FOR PERIOD MAY TO SEPTEMBER.--Maximum discharge, 14 ft^3/s May 8, 9, gage height 10.92 ft; minimum discharge, 1.5 ft^3/s, Sept. 22-25, 28-30.

DISCHARGE, CUBIC FEET PER SECOND, MAY TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	MAY	JUN	JUL	AUG	SEP
1	11	5.9	6.4	3.1	2.1
2	11	5.6	6.1	3.1	1.9
3	10	5.5	6.0	3.1	1.9
4	11	5.5	5.8	3.2	1.9
5	11	5.3	5.8	3.3	2.1
6	11	5.1	5.7	3.1	2.1
7	11	5.0	5.5	2.7	2.0
8	11	4.9	5.5	2.7	1.7
9	11	5.1	5.2	3.8	1.8
10	10	5.0	5.2	3.3	1.8
11	8.2	6.5	5.3	3.1	2.2
12	8.1	6.2	5.2	3.0	2.2
13	9.1	6.1	5.2	2.9	2.1
14	9.3	5.8	5.2	2.9	2.0
15	9.8	5.9	5.1	3.0	2.0
16	9.9	6.1	5.5	2.7	1.9
17	9.3	6.8	4.7	2.6	1.9
18	8.9	6.9	4.5	2.5	2.0
19	8.9	7.1	4.2	2.5	1.9
20	8.8	7.2	4.2	2.4	1.8
21	8.4	7.1	4.3	2.3	1.7
22	7.8	7.3	4.1	3.4	1.6
23	7.1	7.0	3.9	3.9	1.6
24	6.8	7.3	3.8	3.5	1.6
25	6.7	7.3	3.9	3.2	1.6
26	6.5	7.4	3.7	3.1	1.9
27	6.4	8.2	3.6	2.9	1.7
28	6.7	7.4	3.6	2.6	1.7
29	6.9	7.0	3.3	2.5	1.6
30	6.2	6.5	3.2	2.2	1.8
31	5.9	---	3.2	2.2	---
TOTAL	273.7	190.0	146.9	90.8	56.1
MEAN	8.83	6.33	4.74	2.93	1.87
MAX	11	8.2	6.4	3.9	2.2
MIN	5.9	4.9	3.2	2.2	1.6
AC-FT	543	377	291	180	111
CFSM	.70	.50	.38	.23	.15
IN.	.81	.56	.43	.27	.17