

SNOHOMISH RIVER BASIN

12143900 BOXLEY CREEK NEAR EDGEWICK, WA

LOCATION.--Lat 47°26'56", long 121°43'50", in SW 1/4 SE 1/4 NW 1/4 sec.25, T.23 N., R.8 E., King County, Hydrologic Unit 17110010, on right bank 4.0 mi southeast of North Bend, and at mile 0.9.

DRAINAGE AREA.--3.64 mi².

PERIOD OF RECORD.--August 1981 to current year.

REVISED RECORDS.--WDR WA-90-1: 1982 (M), 1988 (M).

GAGE.--Water-stage recorder. Elevation of gage is 650 ft above NGVD of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records fair. Many small diversions for domestic use upstream from station. No regulation; flow is mostly seepage from Chester Morse Lake. U.S. Geological Survey satellite telemeter at station.

AVERAGE DISCHARGE.--21 years (water years 1982-2002), 41.3 ft³/s, 29,930 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 256 ft³/s Dec. 3, 1995, gage height, 5.20 ft; minimum discharge, 8.3 ft³/s Nov. 10, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 99 ft³/s June 29, gage height, 4.60 ft; minimum discharge, 16 ft³/s Nov. 8-12.

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	27	20	27	42	41	33	31	29	28	69	65	41
2	27	21	27	42	39	33	31	29	28	68	64	41
3	26	19	27	41	40	33	31	29	27	67	64	41
4	26	19	26	40	38	34	32	29	27	66	63	37
5	26	20	27	40	38	34	32	30	31	65	62	36
6	26	18	29	41	39	34	32	30	43	65	60	35
7	27	17	26	44	42	33	32	30	44	66	56	34
8	26	17	27	45	44	33	32	29	48	66	54	33
9	26	17	27	44	41	33	32	28	60	65	53	33
10	26	17	27	42	40	34	31	28	66	65	52	31
11	26	16	27	41	37	41	30	28	68	65	51	30
12	26	17	28	41	35	34	31	28	70	66	52	29
13	25	19	41	36	33	33	33	28	71	65	51	28
14	25	26	39	32	32	32	46	29	71	66	51	28
15	26	25	40	30	33	32	36	28	71	66	51	28
16	25	23	40	29	34	32	30	28	72	66	49	29
17	25	21	39	29	34	32	30	28	73	66	47	29
18	23	21	41	32	34	32	30	28	76	67	46	29
19	24	21	40	36	34	42	31	28	77	67	46	28
20	23	21	38	40	35	49	32	28	78	66	46	29
21	24	21	37	37	41	43	32	28	79	65	46	29
22	24	24	36	34	46	37	32	28	80	66	46	29
23	23	26	36	34	48	33	32	28	80	65	46	29
24	24	26	37	42	43	33	32	28	80	65	46	29
25	23	26	38	46	37	32	30	28	79	65	46	29
26	23	26	40	47	34	32	30	28	76	64	46	28
27	23	26	40	44	33	32	30	29	75	63	45	28
28	21	25	41	41	33	31	30	29	78	64	45	28
29	20	25	41	38	---	31	29	28	78	64	45	29
30	21	25	42	40	---	31	29	29	71	64	43	29
31	22	---	43	44	---	31	---	28	---	65	42	---
TOTAL	759	645	1074	1214	1058	1059	951	883	1905	2032	1579	936
MEAN	24.5	21.5	34.6	39.2	37.8	34.2	31.7	28.5	63.5	65.5	50.9	31.2
MAX	27	26	43	47	48	49	46	30	80	69	65	41
MIN	20	16	26	29	32	31	29	28	27	63	42	28
AC-FT	1510	1280	2130	2410	2100	2100	1890	1750	3780	4030	3130	1860

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1982 - 2002, BY WATER YEAR (WY)

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	
MEAN	20.4	24.5	36.8	38.2	44.2	42.4	41.9	53.9	65.9	59.3	40.9	27.4										
MAX	33.9	62.4	121	65.0	93.1	114	85.7	113	106	108	76.9	42.0										
(WY)	1991	1991	1991	1991	1996	1982	1988	1988	1993	1993	1993	1997										
MIN	11.0	11.9	12.9	11.4	15.0	13.0	13.6	20.9	29.8	22.9	16.4	12.2										
(WY)	1988	1988	1988	1988	1988	2001	2001	1999	1992	1992	1992	1987										

SUMMARY STATISTICS FOR 2001 CALENDAR YEAR FOR 2002 WATER YEAR WATER YEARS 1982 - 2002

ANNUAL TOTAL	13675	14095	
ANNUAL MEAN	37.5	38.6	41.3
HIGHEST ANNUAL MEAN			66.6
LOWEST ANNUAL MEAN			28.1
HIGHEST DAILY MEAN	111	Jun 20	80
LOWEST DAILY MEAN	11	Mar 23	16
ANNUAL SEVEN-DAY MINIMUM	11	Apr 13	17
ANNUAL RUNOFF (AC-FT)	27120	27960	29930
10 PERCENT EXCEEDS	87	65	74
50 PERCENT EXCEEDS	27	33	35
90 PERCENT EXCEEDS	12	25	17