

NOOKSACK RIVER BASIN

12206900 RACEHORSE CREEK AT NORTH FORK ROAD NEAR KENDALL, WA

LOCATION.--Lat 48°53'07", long 122°07'56", in SW 1/4 NW 1/4 sec.11, T.39 N., R.5 E., Whatcom County, Hydrologic Unit 17110004, on right bank on the downstream side of North Fork Road bridge, 2.2 mi south of Kendall, and at mile 0.7.

DRAINAGE AREA.--10.5 mi².

PERIOD OF RECORD.--October 1998 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 410 ft above NGVD of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records good except those below 4 ft³/s and those above 300 ft³/s, which are fair. No known diversions or regulation upstream of station.

AVERAGE DISCHARGE.--4 years (water year 1999-2002), 60.3 ft³/s, 78.00 in/yr, 43,670 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,370 ft³/s Dec. 29, 1998, gage height, 6.92 ft from rating curve extended above 189 ft³/s; minimum discharge, 1.3 ft³/s, Oct. 1, 1998.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,500 ft³/s Jan. 8, gage height 7.05 ft from rating curve extended above 189 ft³/s; minimum discharge, 2.9 ft³/s, Aug. 29-Sept. 2.

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	9.8	122	66	45	25	37	72	108	89	71	6.5	2.9		
2	8.9	99	110	259	24	33	53	98	92	53	6.2	18		
3	8.4	69	55	112	34	31	42	69	91	44	6.1	18		
4	7.8	109	43	70	34	29	47	53	92	41	7.3	7.3		
5	7.4	113	35	56	34	28	68	53	128	36	11	5.4		
6	7.2	67	46	131	54	23	157	44	93	33	12	4.6		
7	7.1	49	42	632	64	21	171	38	64	37	8.5	7.3		
8	8.9	39	108	746	43	20	82	35	51	70	6.9	7.6		
9	12	33	93	255	35	20	132	33	66	45	6.2	7.0		
10	42	29	53	124	37	19	222	32	82	39	5.9	5.4		
11	40	27	40	90	38	115	151	39	88	35	5.5	4.6		
12	67	34	41	133	30	79	219	63	101	30	5.2	4.1		
13	47	74	286	102	26	50	346	99	111	27	4.8	3.7		
14	46	475	258	73	23	41	467	124	105	22	4.6	3.5		
15	33	284	97	57	22	36	146	77	90	19	4.4	3.3		
16	42	181	607	49	26	31	103	64	72	18	4.2	24		
17	41	106	353	41	26	26	82	153	59	16	4.0	24		
18	81	69	118	37	40	24	68	103	157	15	3.9	9.8		
19	205	129	79	35	53	25	64	87	71	14	3.8	11		
20	76	149	60	35	47	25	60	133	62	13	3.8	15		
21	68	135	49	31	499	20	55	106	69	12	3.9	9.0		
22	199	108	41	28	948	22	57	91	64	11	3.9	7.2		
23	214	155	36	27	417	30	50	81	56	10	3.7	6.2		
24	115	91	32	76	140	38	44	77	48	9.3	3.6	5.5		
25	119	63	30	104	86	44	41	90	50	8.6	3.4	4.9		
26	210	50	27	52	65	50	41	99	54	8.0	3.4	4.5		
27	240	44	26	39	53	45	38	123	50	7.4	3.4	4.3		
28	94	40	32	32	44	49	43	188	101	7.4	3.2	4.1		
29	62	67	31	29	---	46	50	197	247	8.5	3.0	7.5		
30	89	48	28	27	---	42	77	167	104	7.6	3.0	10		
31	205	---	28	26	---	41	---	100	---	7.0	3.0	---		
TOTAL	2412.5	3058	2950	3553	2967	1140	3248	2824	2607	774.8	158.3	249.7		
MEAN	77.8	102	95.2	115	106	36.8	108	91.1	86.9	25.0	5.11	8.32		
MAX	240	475	607	746	948	115	467	197	247	71	12	24		
MIN	7.1	27	26	26	22	19	38	32	48	7.0	3.0	2.9		
AC-FT	4790	6070	5850	7050	5890	2260	6440	5600	5170	1540	314	495		
CFSM	7.41	9.71	9.06	10.9	10.1	3.50	10.3	8.68	8.28	2.38	0.49	0.79		
IN.	8.55	10.83	10.45	12.59	10.51	4.04	11.51	10.01	9.24	2.75	0.56	0.88		
CAL YR 2001	TOTAL	19502.8	MEAN	53.4	MAX	607	MIN	4.1	AC-FT	38680	CFSM	5.09	IN.	69.10
WTR YR 2002	TOTAL	25942.3	MEAN	71.1	MAX	948	MIN	2.9	AC-FT	51460	CFSM	6.77	IN.	91.91