

NOOKSACK RIVER BASIN

12212050 FISHTRAP CREEK AT FRONT STREET AT LYNDEN, WA

LOCATION.--Lat 48°56'22", long 122°28'46", in SW 1/4 SW 1/4 sec.19, T.40 N., R.3 E., Whatcom County, Hydrologic Unit 17110004, on right bank on downstream side of Front Street bridge, and at mile 2.9.

DRAINAGE AREA.--37.8 mi².

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

GAGE.--Water-stage recorder. Elevation of gage is 54 feet above NGVD of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records good. Small diversions for irrigation upstream from station.

AVERAGE DISCHARGE.--4 years (water years 1999-2002) 68.3 ft³/s, 24.54 in/yr, 49,460 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 701 ft³/s Dec. 14, 2001, gage height, 7.71 ft from rating extended above 510 ft³/s; minimum discharge, 3.1 ft³/s Aug. 27-28, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 701 ft³/s Dec. 14, gage height, 7.71 ft; minimum discharge, 3.1 ft³/s Aug. 27-28.

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	10	72	157	78	115	95	58	46	29	25	8.7	3.7
2	9.6	64	183	89	136	88	54	45	28	21	7.8	6.4
3	9.3	59	127	83	168	82	51	44	26	19	8.1	8.4
4	9.0	65	105	77	152	80	50	42	25	18	7.7	8.5
5	8.6	114	99	76	124	77	49	44	28	17	7.7	6.8
6	8.1	90	126	86	139	72	54	43	28	16	8.1	6.0
7	8.1	63	118	179	128	66	69	40	25	17	8.1	5.2
8	8.5	50	146	323	117	62	58	39	26	23	7.3	5.3
9	8.1	44	196	253	100	63	57	37	25	21	6.7	5.6
10	13	40	147	163	94	65	71	35	24	17	6.0	6.1
11	18	37	127	130	90	105	88	34	23	15	6.1	5.4
12	24	38	128	121	84	100	107	33	22	14	5.9	5.0
13	37	44	444	107	78	90	195	36	20	13	5.7	4.7
14	32	172	669	94	70	83	323	44	19	13	5.2	4.6
15	28	218	509	83	68	84	199	38	20	13	4.6	4.5
16	24	159	442	82	65	113	185	35	20	12	4.9	7.3
17	23	116	312	80	65	81	156	53	23	12	4.7	7.5
18	25	83	219	77	66	71	116	45	29	12	4.8	7.2
19	36	82	177	118	67	75	91	39	25	11	4.9	6.3
20	31	126	153	161	68	53	82	44	23	11	4.7	5.6
21	34	126	134	127	219	57	76	41	20	11	4.8	5.1
22	54	113	117	105	546	84	70	37	18	10	4.7	5.4
23	49	112	107	115	497	102	63	35	16	8.4	4.6	4.6
24	45	86	100	169	254	86	60	33	15	8.5	4.6	4.5
25	72	67	90	383	167	75	58	32	14	8.7	4.3	4.4
26	61	61	86	249	137	70	57	33	14	8.3	3.7	4.6
27	130	57	84	178	119	71	55	32	21	8.1	3.6	4.9
28	83	87	87	134	104	81	50	33	28	8.1	3.4	4.7
29	59	166	85	111	---	70	47	37	47	8.6	3.5	4.6
30	51	143	80	101	---	64	46	38	34	8.8	3.7	4.9
31	86	---	78	104	---	61	---	32	---	8.2	3.6	---
TOTAL	1094.3	2754	5632	4236	4037	2426	2695	1199	715	416.7	172.2	167.8
MEAN	35.3	91.8	182	137	144	78.3	89.8	38.7	23.8	13.4	5.55	5.59
MAX	130	218	669	383	546	113	323	53	47	25	8.7	8.5
MIN	8.1	37	78	76	65	53	46	32	14	8.1	3.4	3.7
AC-FT	2170	5460	11170	8400	8010	4810	5350	2380	1420	827	342	333
CFSM	0.93	2.43	4.81	3.61	3.81	2.07	2.38	1.02	0.63	0.36	0.15	0.15
IN.	1.08	2.71	5.54	4.17	3.97	2.39	2.65	1.18	0.70	0.41	0.17	0.17
CAL YR 2001	TOTAL 20290.3	MEAN 55.6	MAX 669	MIN 7.5	AC-FT 40250	CFSM 1.47	IN. 19.97					
WTR YR 2002	TOTAL 25545.0	MEAN 70.0	MAX 669	MIN 3.4	AC-FT 50670	CFSM 1.85	IN. 25.14					