

NOOKSACK RIVER BASIN

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12209000 SOUTH FORK NOOKSACK RIVER NEAR WICKERSHAM, WA--Continued

WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: July 2001 to current year.

INSTRUMENTATION.--Water-temperature sensor interfaced with a data collection platform for satellite telemetry.

REMARKS.--Records excellent except those for July 25 to September 30, which are good.

EXTREMES FOR PERIOD OF RECORD.--

WATER TEMPERATURE: Maximum, 21.5°C, Aug. 12, 2001; minimum, 0.1°C, Mar. 20, 2002.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 20.4°C Aug. 28; minimum, 0.1°C Mar. 20.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	12.9	10.8	11.6	6.8	6.1	6.5	5.0	4.4	4.8	4.8	3.0	3.8
2	12.5	9.3	10.8	7.5	6.7	7.0	4.8	4.0	4.5	4.9	4.4	4.7
3	11.8	8.9	10.3	7.5	6.5	7.0	4.7	3.7	4.4	4.6	4.3	4.4
4	11.2	8.2	9.7	7.2	6.6	6.9	3.7	3.2	3.4	4.9	4.4	4.6
5	10.5	7.3	8.9	6.8	5.6	6.2	4.0	3.2	3.6	5.1	4.3	4.7
6	10.0	7.8	8.9	5.8	4.9	5.3	3.9	3.5	3.7	5.5	4.7	5.0
7	9.5	8.2	8.9	5.9	4.9	5.3	4.4	3.5	3.9	4.8	3.5	4.2
8	10.4	8.9	9.6	5.8	4.5	5.2	4.8	4.4	4.6	4.9	4.0	4.5
9	10.0	8.7	9.5	5.9	4.8	5.3	4.4	4.0	4.2	4.9	4.5	4.7
10	8.7	7.6	8.1	6.5	4.6	5.5	4.0	3.5	3.8	4.9	4.3	4.6
11	8.8	7.4	8.0	7.0	6.3	6.7	4.3	3.3	3.9	5.5	4.4	4.9
12	8.3	7.4	7.8	8.0	7.0	7.5	4.1	3.1	3.6	5.4	4.3	5.0
13	8.6	7.5	8.0	7.6	7.0	7.3	4.8	4.1	4.5	4.5	4.1	4.3
14	9.0	7.5	8.1	7.9	6.8	7.3	4.7	3.3	3.8	4.2	3.2	3.8
15	8.8	7.0	8.0	8.1	7.3	7.9	4.4	3.7	3.9	3.2	2.3	2.7
16	8.9	8.3	8.6	7.3	6.7	7.2	4.6	3.8	4.2	3.4	3.0	3.2
17	8.3	7.3	7.9	6.7	5.0	5.7	4.0	3.1	3.6	3.0	2.2	2.5
18	7.4	7.0	7.2	5.5	4.2	4.8	4.0	3.6	3.8	3.0	2.4	2.7
19	8.4	7.0	7.6	7.2	5.5	6.4	3.6	3.0	3.4	2.9	2.4	2.6
20	7.9	6.7	7.3	7.2	6.6	6.9	4.0	3.2	3.6	2.9	2.6	2.8
21	7.4	6.9	7.2	6.7	6.2	6.4	4.2	3.8	4.0	2.9	2.4	2.7
22	7.1	6.7	6.9	6.3	6.2	6.2	3.9	2.9	3.3	2.4	1.0	1.7
23	6.8	6.2	6.5	6.2	5.4	5.9	3.6	2.6	3.1	1.9	1.2	1.6
24	6.4	5.8	6.0	5.4	4.7	5.0	2.6	1.9	2.3	3.0	1.9	2.4
25	6.7	5.8	6.2	5.1	4.3	4.7	2.0	1.4	1.7	3.4	2.9	3.2
26	7.3	6.6	6.9	5.4	4.6	5.0	2.1	1.3	1.6	3.1	2.3	2.7
27	6.8	5.8	6.1	5.0	4.4	4.7	3.3	1.9	2.7	2.5	1.3	1.9
28	5.8	4.7	5.3	4.6	3.8	4.1	4.5	3.3	3.9	1.5	0.7	1.0
29	6.2	4.8	5.6	4.4	4.0	4.2	3.7	3.0	3.3	1.9	0.9	1.3
30	7.2	6.2	6.6	4.5	3.9	4.2	3.1	2.3	2.5	2.2	1.0	1.6
31	6.9	5.6	6.2	---	---	---	3.8	2.3	3.2	3.1	2.2	2.6
MONTH	12.9	4.7	7.9	8.1	3.8	5.9	5.0	1.3	3.6	5.5	0.7	3.3

12209000 SOUTH FORK NOOKSACK RIVER NEAR WICKERSHAM, WA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	3.4	2.6	2.9	3.6	1.8	2.6	6.1	3.6	4.8	9.0	4.9	7.0
2	3.7	2.6	3.1	3.8	1.6	2.6	5.8	2.8	4.3	7.6	5.2	5.7
3	4.0	3.4	3.6	4.4	2.0	3.1	6.9	3.1	5.1	6.3	4.3	5.2
4	3.8	2.6	3.2	4.4	2.6	3.6	7.7	3.8	5.8	5.7	4.8	5.1
5	3.8	3.1	3.5	4.7	2.6	3.9	6.3	4.4	5.5	5.5	4.4	4.9
6	3.8	3.5	3.7	2.6	0.9	1.7	5.4	4.2	4.8	6.0	3.3	4.6
7	4.0	3.4	3.7	2.0	0.3	1.2	5.5	3.5	4.5	7.3	3.8	5.4
8	4.1	3.4	3.8	1.4	0.4	0.9	6.4	2.9	4.6	6.6	3.9	5.4
9	4.4	3.1	3.7	2.8	1.0	1.9	5.7	4.5	5.1	8.5	4.3	6.2
10	4.4	3.4	3.9	3.4	2.6	3.0	5.7	3.8	4.7	9.3	4.4	6.9
11	3.8	2.5	3.1	3.9	2.9	3.5	5.4	4.4	4.9	10.3	5.6	8.0
12	3.2	1.6	2.4	3.4	2.8	3.1	5.1	4.1	4.5	10.7	6.2	8.5
13	3.8	2.2	3.0	4.2	2.7	3.5	5.0	4.3	4.7	9.0	5.5	6.2
14	3.8	2.2	2.9	4.0	3.0	3.5	4.9	3.3	3.8	6.9	4.7	5.7
15	3.9	1.9	2.7	4.1	2.9	3.5	4.7	3.5	4.1	8.0	4.1	6.2
16	3.4	2.3	2.9	3.6	2.4	2.9	5.3	3.6	4.4	9.4	4.7	7.2
17	4.8	3.4	4.1	3.5	1.5	2.5	6.0	4.3	5.1	8.6	5.8	7.1
18	4.6	3.9	4.3	2.3	0.4	1.3	8.2	4.5	6.1	7.0	4.8	5.9
19	4.5	3.8	4.3	2.2	1.0	1.6	8.2	---	---	7.4	5.0	6.2
20	5.2	3.3	4.0	1.8	0.1	1.0	7.3	4.7	6.2	7.2	5.6	6.1
21	4.7	2.7	3.8	3.8	1.4	2.5	6.2	5.3	5.5	8.0	5.0	6.3
22	3.6	2.7	3.2	4.8	2.4	3.5	6.7	4.7	5.4	7.0	5.3	6.1
23	3.6	3.3	3.5	5.6	2.6	4.0	6.5	3.5	4.8	7.6	5.3	6.5
24	3.4	2.4	2.9	5.9	3.2	4.5	6.8	3.3	5.2	9.2	4.8	7.1
25	3.0	1.3	2.2	6.5	4.0	5.2	7.8	4.4	6.1	8.6	6.1	6.9
26	3.9	2.4	3.1	5.4	4.0	4.6	6.6	4.8	5.7	7.2	5.4	6.3
27	3.3	2.2	2.8	4.3	3.4	3.8	9.5	5.0	7.0	8.3	5.5	6.8
28	3.8	2.5	3.0	4.6	3.0	3.7	8.8	4.8	6.9	7.2	5.6	6.4
29	---	---	---	4.3	3.7	4.0	9.4	5.0	7.3	6.3	5.4	5.9
30	---	---	---	5.3	4.0	4.6	9.8	5.4	7.7	8.7	5.2	6.7
31	---	---	---	4.8	4.3	4.6	---	---	---	9.0	5.4	7.2
MONTH	5.2	1.3	3.3	6.5	0.1	3.1	9.8	2.8	5.3	10.7	3.3	6.3
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	10.2	5.3	7.7	11.7	8.1	9.7	16.1	12.1	14.0	17.0	15.4	16.1
2	10.5	5.4	8.0	11.7	7.6	9.7	14.8	12.6	13.7	16.0	14.3	14.9
3	9.6	5.5	7.7	11.0	9.1	9.9	14.4	10.8	12.5	15.5	12.5	13.9
4	8.6	6.3	7.1	10.1	8.8	9.5	13.3	12.1	12.7	15.6	11.2	13.2