

## SKOKOMISH RIVER BASIN

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12056500 NORTH FORK SKOKOMISH RIVER BELOW STAIRCASE RAPIDS, NEAR HOODSPORT, WA

## WATER-QUALITY RECORDS

## PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1996 to April 1998 (discontinued).

WATER TEMPERATURE: April 1965 to September 1982, June 1989 to December 1989, December 1990 to April 1991, June 1992 to April 1998, October 1999 to current year.

INSTRUMENTATION.--Temperature recorder April 1965 to September 1982, June 1989 to April 1998, October 1999 to current year.

Water-quality monitor April 1996 to April 1998 (discontinued). Electronic Data Logger with 15-minute recording interval. Prior to June 13, 1997, a 60-minute recording interval.

REMARKS.--Record rated poor.

## EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 108 microsiemens September 11, 28, 1996; minimum recorded, 25 microsiemens March 18, 19, 1997.

WATER TEMPERATURE: Maximum recorded, 16.5°C (rounded) Aug. 14, 15, 1992; minimum, 0.0°C Mar. 24, 1976, Jan. 31, 1996, Dec. 29, 1996.

## EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 13.6°C Aug. 14 and 15; minimum, 0.3°C Jan. 25.

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

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.3	8.7	9.4	6.8	6.3	6.6	4.2	2.9	3.5	4.4	3.8	4.2
2	10.4	8.8	9.4	7.0	6.7	6.8	4.7	4.1	4.5	4.4	3.8	4.1
3	10.0	8.5	9.1	6.8	6.2	6.5	4.6	3.4	4.4	4.6	3.7	4.2
4	9.8	8.3	8.8	7.1	6.1	6.6	4.4	3.4	3.9	4.8	4.3	4.6
5	9.3	7.8	8.5	7.4	5.9	6.7	4.0	3.1	3.8	4.6	4.2	4.4
6	9.4	8.0	8.6	6.0	5.3	5.7	3.9	2.9	3.6	4.7	3.8	4.3
7	9.3	8.5	8.8	5.7	5.3	5.5	4.4	3.8	4.2	5.0	3.8	4.3
8	9.5	8.3	8.8	5.6	4.9	5.3	4.4	4.0	4.3	5.2	4.5	4.8
9	9.0	7.9	8.4	5.5	5.0	5.3	4.3	3.6	4.1	4.9	4.4	4.6
10	8.5	7.8	8.1	6.2	5.1	5.6	4.4	1.9	3.9	5.0	3.5	4.5
11	8.5	7.6	8.0	6.8	6.1	6.5	4.3	3.9	4.2	5.3	---	---
12	8.7	7.8	8.2	7.1	6.7	7.0	4.4	4.1	4.2	5.0	4.4	4.7
13	8.8	7.9	8.3	7.0	6.5	6.8	4.3	3.2	3.8	4.4	3.3	4.0
14	9.0	8.2	8.5	7.6	6.6	7.1	4.3	3.5	4.1	3.6	2.8	3.2
15	8.6	7.7	8.1	7.6	6.6	7.3	4.4	3.0	3.9	2.9	2.4	2.7
16	8.9	7.6	8.2	6.9	6.3	6.7	4.8	3.1	3.6	3.0	1.3	2.5
17	8.2	7.0	7.5	6.3	5.4	6.0	4.7	4.1	4.4	2.9	1.7	2.7
18	8.2	7.1	7.6	5.8	4.6	5.2	4.3	3.2	3.8	3.1	1.4	2.6
19	8.7	7.8	8.2	7.2	5.2	6.5	4.2	3.8	4.0	2.5	1.4	1.8
20	8.4	7.5	7.9	7.0	6.2	6.7	4.5	4.0	4.3	3.6	1.9	2.8
21	8.4	7.6	7.9	6.6	5.7	6.3	4.6	4.2	4.4	3.1	1.6	2.6
22	7.9	7.0	7.5	6.3	5.5	6.0	4.4	4.1	4.3	2.8	0.6	1.9
23	7.0	6.4	6.7	6.1	5.5	5.9	4.4	4.1	4.2	2.9	1.1	2.3
24	6.7	6.1	6.4	5.9	5.3	5.6	4.1	3.8	4.0	2.7	0.6	1.6
25	7.0	6.2	6.6	5.6	5.1	5.3	3.9	3.7	3.8	2.5	0.3	1.1
26	7.2	6.6	6.9	5.2	4.9	5.1	4.2	3.7	3.9	2.8	0.4	1.9
27	6.9	5.9	6.3	5.4	4.9	5.1	4.4	4.0	4.2	2.3	1.0	1.6
28	6.0	5.2	5.6	5.2	2.3	3.6	4.4	4.0	4.2	2.3	1.5	2.1
29	6.3	5.5	5.9	4.5	3.7	4.2	4.4	3.9	4.2	2.3	1.4	2.0
30	6.5	5.9	6.2	4.2	2.8	3.5	4.3	3.8	4.1	2.2	0.4	1.6
31	6.7	6.0	6.3	---	---	---	4.6	4.2	4.4	3.4	0.5	1.8
MONTH	10.4	5.2	7.8	7.6	2.3	5.9	4.8	1.9	4.1	5.3	0.3	3.0



12056500 NORTH FORK SKOKOMISH RIVER BELOW STAIRCASE RAPIDS, NEAR HOODSPORT, WA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	ALKA-LINITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	BICAR-BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	CAR-BONATE WATER DIS IT FIELD (MG/L AS CO3) (00452)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)
NOV 14...	1150	2450	738	12.5	107	7.6	49	10.5	7.1	19	23	0	.73
JAN 09...	1210	2520	751	13.2	104	6.9	52	4.1	4.7	21	25	0	.71
MAR 13...	1140	558	743	13.2	101	7.4	71	4.8	3.4	30	36	0	.84
MAY 09...	1150	327	746	12.9	105	7.7	84	12.2	5.6	34	42	0	.77
JUN 13...	1310	794	743	11.8	103	7.6	59	22.1	8.1	24	29	0	.48
JUL 11...	1340	375	746	10.8	100	7.7	69	18.4	11.0	29	35	0	.50
SEP 09...	1550	75	748	10.8	99	7.6	101	--	10.9	42	52	0	.91

Date	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	SEDI-MENT, SUS-PENDEDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDEDED (T/DAY) (80155)
NOV 14...	2.8	<.04	.11	.06	<.008	.17	<.02	.030	27	179
JAN 09...	3.9	<.04	.10	E.04	<.008	--	<.02	.044	32	218
MAR 13...	5.0	<.04	<.10	<.05	<.008	--	<.02	E.003	2.0	3.0
MAY 09...	6.2	<.04	<.10	<.05	<.008	--	.02	.011	<.5	--
JUN 13...	3.8	<.04	<.10	<.05	<.008	--	<.02	.006	3.0	6.4
JUL 11...	4.5	<.04	<.10	<.05	<.008	--	<.02	.004	2.0	2.0
SEP 09...	7.4	<.04	<.10	<.05	<.008	--	<.02	.004	1.0	.20

Date	Time	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER-ATURE WATER (DEG C) (00010)	PERI-PHYTON BIOMASS WEIGHT (G/SQ M) (00572)	PERI-PHYTON BIOMASS TOTAL DRY WEIGHT (G/SQ M) (00573)	PERI-PHYTON BIOMASS DRY WEIGHT (G/SQ M) (49954)	BIOMASS CHLORO-PHYLL RATIO PERI-PHYTON (UNITS) (70950)	CHLOR-A PERI-PHYTON CHROMO-GRAPHIC FLUOROM (MG/M2) (70957)
AUG 29...	1100	92	11.8	220	234.8	15.800	353	44.8