WATER QUALITY RECORDS

PERIOD OF RECORD>--Water years 1949-50, 1963 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1983 to September 1991 (discontinued).
WATER TEMPERATURE: January 1949 to September 1950. May 1963 to current year.
SUSPEMDED SEDIMENT DISCHARGE: October 1983 to September 1991 (discontinued).

INSTRUMENTATION.--Temperature recorder since May 23, 1963.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily mean, 303 microsiemens/cm, Feb. 3, 1985; minimum daily mean, 74 microsiemens/cm, Nov. 27, 1990.
WATER TEMPERATURE: Maximum,23.5 °C; minimum, 0.0 °C many days during winter months.
SEDIMENT CONCENTRATIONS: Maximum, 60 mg/L Nov. 27, 1986; minimum, 1 mg/L Dec. 28-29, 1985, Dec. 18, 1986.
SEDIMENT LOADS: Maximum, 3220 tons Nov. 25, 1986; minimum, 11 tons JUly 25-26, Aug. 5, 23, 1988.

EXTREMES FOR CURRENT PERIOD.--
WATER TEMPERATURE: Maximum, 19.8 °C July 28; minimum, 3.8 °C Feb. 28.

WATER-QUALITY DATA, APRIL TO OCTOBER 1998

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	TUR-BID-ITY (NTU) (00076)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	FECAL STREP, KF STRP MF, WATER (COL/ 100 ML) (31673)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)
APR													
13...	1315	9310	164	7.5	10.0	5.7	2.0	11.5	100	<1	K2	--	--
MAY													
28...	1345	44800	147	7.6	4.5	10.0	24	10.4	98	250	--	--	--
JUN													
23...	1345	26700	202	8.1	17.0	13.5	1.5	10.6	110	K9	K8	--	--
JUL													
15...	1425	9190	198	8.1	23.5	16.5	.5	10.0	108	K13	K4	--	--
AUG													
26...	1410	17600	229	8.3	25.0	14.4	1.0	12.3	129	K8	K6	--	--
OCT													
01...	1000	45	231	8.1	14.0	13.1	--	9.8	101	K3	K6	112	30.8

DATE	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	ANC WATER UNFLTRD FET FIELD MG/L AS HCO3 (00440)	ANC UNFLTRD CARB FET FIELD MG/L AS CO3 (00445)	ANC WATER UNFLTRD FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SOLIDS, SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)
OCT													
01...	8.55	2.6	4.84	.54	110	0	93	15.1	1.8	.2	4.9	121	.164

DATE	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) 00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
APR									
13...	--	.013	.060	.042	<.10	<.010	.014	8	201
MAY									
28...	--	.015	.080	.055	.26	.074	<.010	--	--
JUN									
23...	--	<.010	.054	.114	.38	.226	<.010	9	649
JUL									
15...	--	.012	.089	.052	<.10	<.010	.020	2	50
AUG									
26...	--	<.010	.104	.033	<.10	<.010	<.010	2	95
OCT									
01...	15	<.010	.165	<.020	<.10	<.050	<.010	1	.12

K Results based on counts outside ideal colony range.

KOOTENAI RIVER BASIN

12322000 KOOTENAI RIVER AT PORTHILL, ID--Continued

WATER TEMPERATURE, DEGREES CELSIUS, FEBRUARY TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	4.2	4.1	4.1	---	---	---	9.4	8.6	9.0
2	---	---	---	4.5	4.1	4.3	5.3	5.0	5.2	9.2	8.6	8.9
3	---	---	---	4.7	4.2	4.4	5.8	5.3	5.5	9.5	8.7	9.1
4	---	---	---	4.5	4.2	4.3	6.6	5.8	6.2	9.7	8.7	9.2
5	---	---	---	4.5	4.2	4.3	7.0	6.6	6.7	10.0	9.1	9.5
6	---	---	---	4.9	4.2	4.5	7.7	7.0	7.4	9.7	9.2	9.5
7	---	---	---	4.9	4.4	4.6	7.5	7.4	7.4	10.0	8.9	9.5
8	---	---	---	4.9	4.4	4.5	7.4	7.0	7.2	10.1	9.2	9.7
9	---	---	---	4.7	4.1	4.3	7.4	6.9	7.0	10.6	9.7	10.1
10	---	---	---	5.0	4.1	4.3	7.2	6.7	6.9	10.6	9.8	10.3
11	---	---	---	4.9	4.1	4.3	7.0	6.6	6.8	10.6	10.0	10.3
12	---	---	---	4.7	4.1	4.3	6.6	6.1	6.3	10.8	10.3	10.5
13	---	---	---	5.2	4.2	4.6	6.1	5.6	6.0	10.8	10.3	10.5
14	---	---	---	5.5	4.4	4.8	6.6	6.0	6.3	10.9	10.3	10.6
15	---	---	---	6.1	4.9	5.5	6.9	6.3	6.6	10.5	9.8	10.1
16	---	---	---	6.6	5.6	6.0	6.9	6.6	6.7	10.6	10.0	10.3
17	---	---	---	7.0	6.0	6.5	6.9	6.4	6.6	10.6	9.7	10.0
18	---	---	---	7.2	6.3	6.6	6.9	6.4	6.6	10.0	9.5	9.8
19	---	---	---	---	---	---	7.0	6.7	6.9	9.7	9.1	9.5
20	4.5	4.4	4.5	---	---	---	7.8	6.7	7.1	9.7	8.9	9.2
21	4.7	4.4	4.5	---	---	---	8.1	7.7	7.9	9.5	9.1	9.3
22	4.5	4.4	4.5	---	---	---	8.4	8.0	8.2	10.3	9.1	9.7
23	4.7	4.4	4.5	---	---	---	9.1	8.3	8.6	10.8	9.7	10.2
24	4.7	4.4	4.5	---	---	---	9.1	8.6	8.8	10.5	9.7	10.0
25	4.5	4.2	4.3	---	---	---	8.9	8.4	8.7	9.7	8.9	9.3
26	4.2	4.1	4.2	---	---	---	8.4	7.2	7.7	10.1	9.5	9.8
27	4.2	3.9	4.1	---	---	---	7.5	6.9	7.2	10.3	9.2	9.8
28	4.1	3.8	3.9	---	---	---	8.0	7.2	7.5	10.3	9.2	9.9
29	---	---	---	---	---	---	8.7	7.7	8.1	9.4	9.1	9.2
30	---	---	---	---	---	---	9.2	8.4	8.8	10.1	9.4	9.7
31	---	---	---	---	---	---	---	---	---	10.9	10.0	10.5
MONTH	---	---	---	---	---	---	---	---	---	10.9	8.6	9.8

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	11.1	10.8	10.9	14.0	13.3	13.5	18.0	17.5	17.8	15.4	14.7	15.1
2	11.8	10.8	11.3	15.1	14.0	14.4	18.3	18.0	18.1	15.4	14.7	15.1
3	12.3	11.7	12.0	15.9	15.0	15.4	18.5	17.8	18.1	16.2	15.1	15.6
4	11.8	11.5	11.6	16.4	15.9	16.1	18.0	17.7	17.8	15.9	15.4	15.7
5	12.0	11.2	11.6	17.0	16.2	16.6	18.2	17.7	18.0	15.8	15.3	15.5
6	12.2	11.5	11.8	17.0	16.4	16.7	18.5	18.2	18.4	15.4	14.7	15.0
7	12.6	11.8	12.2	17.5	16.9	17.2	18.5	18.0	18.3	15.3	14.3	14.7
8	13.1	12.2	12.5	17.0	16.4	16.7	18.5	17.5	17.9	14.8	14.3	14.6
9	12.5	12.0	12.3	17.7	16.6	17.0	17.5	16.6	17.1	15.0	14.3	14.6
10	13.1	12.0	12.5	17.5	16.7	17.1	16.7	16.4	16.6	15.0	14.2	14.4
11	13.4	12.5	12.9	17.0	16.2	16.5	16.6	16.1	16.4	14.8	14.0	14.4
12	13.2	12.6	12.9	17.0	16.2	16.5	16.2	15.4	15.8	15.3	14.8	15.1
13	13.4	12.9	13.1	17.2	16.9	17.1	16.1	15.4	15.7	15.3	14.8	14.9
14	13.4	12.9	13.2	16.9	16.1	16.4	15.9	15.3	15.5	15.0	14.7	14.9
15	13.1	11.5	12.0	16.7	16.2	16.5	15.6	15.0	15.4	15.1	14.7	14.9
16	12.3	11.7	12.1	17.3	15.9	16.5	15.8	15.3	15.6	15.3	14.7	14.9
17	12.2	11.7	11.9	17.2	16.4	16.8	15.4	15.3	15.4	15.3	14.8	15.1
18	11.8	11.2	11.4	17.5	16.4	17.0	15.4	14.8	15.0	15.3	14.7	15.0
19	12.8	11.2	11.9	19.1	17.5	18.6	14.8	14.0	14.3	15.1	14.7	14.9
20	13.2	12.6	12.9	18.8	17.2	17.9	14.3	14.0	14.0	14.8	14.3	14.5
21	13.6	12.9	13.2	18.2	17.5	17.8	14.8	13.9	14.3	14.3	13.9	14.1
22	13.9	13.6	13.7	18.0	17.2	17.6	15.4	14.7	15.0	14.2	13.9	14.0
23	14.0	13.4	13.7	18.0	17.2	17.5	15.8	15.0	15.4	14.0	13.7	13.9
24	14.2	13.7	13.9	18.0	17.0	17.3	15.8	15.0	15.2	14.3	13.6	13.9
25	14.0	13.3	13.5	18.3	17.7	17.9	15.0	13.9	14.3	14.0	13.6	13.7
26	13.6	12.8	13.1	19.1	18.3	18.9	15.1	14.2	14.7	14.7	13.6	14.2
27	13.1	12.8	12.9	19.6	19.1	19.4	15.0	14.2	14.6	15.1	14.3	14.7
28	13.0	12.2	12.5	19.8	19.3	19.6	14.7	14.2	14.4	15.3	14.8	15.0
29	12.5	12.2	12.3	19.6	19.1	19.4	14.7	13.9	14.3	15.0	14.2	14.5
30	13.3	12.2	12.7	19.3	18.6	19.0	14.7	14.3	14.5	14.2	13.7	14.0
31	---	---	---	18.6	17.3	18.0	15.4	14.2	14.8	---	---	---
MONTH	14.2	10.8	12.5	19.8	13.3	17.2	18.5	13.9	15.9	16.2	13.6	14.7

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1949-50, 1963 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1983 to September 1991 (discontinued).
WATER TEMPERATURES: Jaunuary 1949 to September 1950, May 1963 to current year.
SUSPENDED SEDIMENT DISCHARGE: October 1983 to September 1991 (discontinued).

INSTRUMENTATION.--Temperature recorder since May 23, 1963.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily mean, 303 microsiemens/cm, Feb. 3, 1985; minimum daily mean, 74 microsiemens/cm, Nov. 27, 1990.
WATER TEMPERATURES: Maximum, 23.5 °C July 27, 1975, July 29-31, 1988; minimum, 0.0 °C many days during winter months.
SEDIMENT CONCENTRATIONS: Maximum, 60 mg/L Nov. 27, 1986; minimum, 1 mg/L Dec. 28-29, 1985, Dec. 18, 1986.
SEDIMENT LOADS: Maximum, 3220 tons Nov. 25, 1986; minimum, 11 tons July 25-26, Aug. 5, 23, 1988.

EXTREMES FOR CURRENT PERIOD.--
WATER TEMPERATURES: Maximum, 19.3 °C Aug. 5; minimum, 3.1 °C Jan. 28.

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	13.9	13.4	13.6	9.7	9.2	9.6	6.1	6.0	6.1	5.2	4.8	5.0
2	13.9	13.4	13.6	9.2	8.9	9.1	6.9	6.0	6.6	4.9	4.7	4.8
3	14.0	13.4	13.7	8.9	8.4	8.8	7.2	6.9	7.1	4.7	4.4	4.6
4	13.7	12.3	13.1	8.4	8.0	8.3	6.9	6.7	6.9	4.6	4.2	4.4
5	12.3	11.8	12.1	8.2	8.0	8.1	6.7	6.6	6.7	4.6	4.2	4.5
6	12.3	11.8	12.0	8.6	8.2	8.4	6.6	6.1	6.4	4.9	4.4	4.8
7	12.0	11.2	11.6	8.7	8.6	8.7	6.4	6.1	6.3	5.0	4.9	4.9
8	11.4	10.9	11.2	8.7	8.4	8.6	6.1	5.5	5.7	5.0	4.9	4.9
9	10.9	10.6	10.8	8.6	8.3	8.4	6.4	5.7	6.2	4.9	4.7	4.8
10	11.3	10.8	11.1	8.4	8.1	8.3	6.4	6.3	6.4	4.9	4.7	4.9
11	11.8	11.3	11.6	8.3	8.0	8.1	6.6	6.3	6.4	5.0	4.9	5.0
12	11.6	11.4	11.5	8.0	7.7	7.8	6.7	6.3	6.6	5.0	4.9	5.0
13	11.8	11.6	11.8	7.7	7.4	7.5	6.7	6.6	6.6	5.0	4.9	4.9
14	12.0	11.5	11.7	7.4	7.2	7.3	6.7	6.6	6.7	4.9	4.7	4.9
15	11.7	11.4	11.5	7.2	7.0	7.2	6.6	6.2	6.5	5.0	4.7	5.0
16	11.5	11.2	11.4	7.0	6.9	7.0	6.4	6.1	6.3	5.0	4.5	4.8
17	11.4	10.9	11.2	7.2	7.0	7.0	6.4	6.0	6.2	4.5	4.2	4.3
18	11.4	11.1	11.2	7.2	7.0	7.1	6.1	5.5	5.9	4.4	4.2	4.4
19	11.4	10.6	11.0	7.2	7.0	7.1	5.5	4.3	5.1	4.6	4.4	4.6
20	10.6	10.0	10.3	7.0	6.9	6.9	4.3	3.6	3.8	4.6	4.4	4.5
21	10.1	9.7	9.9	6.9	6.3	6.6	3.6	3.1	3.3	4.6	4.4	4.6
22	9.8	9.4	9.5	6.3	5.8	6.1	3.6	3.0	3.4	4.6	4.4	4.5
23	9.7	9.4	9.6	5.8	5.8	5.8	3.8	3.3	3.7	4.4	3.9	4.1
24	9.8	9.4	9.6	6.0	5.8	5.9	4.0	3.8	3.9	3.9	3.6	3.8
25	9.5	9.2	9.3	6.2	6.0	6.1	4.1	3.9	4.0	3.6	3.3	3.5
26	9.7	9.3	9.5	6.3	6.1	6.2	4.1	3.9	4.1	---	---	---
27	10.1	9.7	10.0	6.3	6.1	6.1	4.2	3.8	4.0	---	---	---
28	10.3	10.1	10.2	6.1	5.8	5.9	4.6	3.8	4.0	3.5	3.1	3.4
29	10.1	9.8	10.0	6.0	5.8	6.0	5.3	4.6	5.0	3.8	3.5	3.6
30	9.8	9.7	9.7	6.3	6.0	6.1	5.6	5.3	5.4	4.2	3.8	3.9
31	9.8	9.7	9.7	---	---	---	5.5	5.1	5.3	4.2	3.8	4.1
MONTH	14.0	9.2	11.1	9.7	5.8	7.3	7.2	3.0	5.5	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	3.8	3.6	3.8	3.7	3.2	3.4	4.3	3.8	4.1	6.6	6.3	6.4
2	3.6	3.5	3.5	4.0	3.6	3.8	4.9	4.3	4.6	7.4	6.3	6.8
3	3.8	3.5	3.7	4.0	3.8	3.9	5.5	4.9	5.2	7.6	7.3	7.4
4	3.8	3.8	3.8	4.0	3.8	3.8	5.5	5.1	5.4	7.3	6.9	7.0
5	3.9	3.8	3.9	3.8	3.5	3.7	6.0	5.2	5.6	7.4	6.8	7.1
6	3.9	3.8	3.9	3.7	3.5	3.7	5.7	5.4	5.6	7.6	7.1	7.4
7	4.1	3.9	4.0	3.6	3.5	3.5	5.7	5.4	5.5	7.7	7.3	7.5
8	3.9	3.9	3.9	3.5	3.4	3.5	5.7	5.5	5.5	7.9	7.6	7.7
9	3.9	3.8	3.8	3.7	3.5	3.7	5.9	5.5	5.7	8.0	7.9	8.0
10	3.8	3.6	3.8	3.8	3.7	3.8	6.2	5.5	5.9	8.0	7.6	7.8
11	3.6	3.3	3.4	4.1	3.8	3.9	6.6	6.0	6.3	7.7	7.4	7.6
12	3.3	3.3	3.3	4.1	3.8	4.0	6.2	6.0	6.1	7.7	7.4	7.6
13	3.5	3.3	3.4	4.6	4.1	4.4	6.2	5.9	6.1	8.3	7.6	8.0
14	3.5	3.3	3.5	4.4	4.1	4.2	6.3	5.9	6.1	8.8	8.3	8.7
15	3.8	3.5	3.8	4.9	4.1	4.5	6.6	6.2	6.4	9.0	8.8	8.9
16	3.8	3.8	3.8	4.8	4.3	4.5	6.9	6.3	6.6	9.0	8.8	8.8
17	4.0	3.7	3.8	5.1	4.8	4.9	7.3	6.6	7.0	8.8	8.3	8.6
18	4.0	3.8	3.9	5.5	4.9	5.3	7.6	7.1	7.4	8.7	8.5	8.5
19	4.1	4.0	4.0	5.9	5.4	5.6	7.7	7.4	7.6	8.8	8.3	8.6
20	4.0	3.8	3.9	5.7	5.4	5.5	8.0	7.5	7.8	8.7	8.2	8.4
21	4.0	3.8	4.0	5.7	5.2	5.4	7.5	6.8	7.1	9.0	8.2	8.6
22	3.8	3.8	3.8	6.0	5.4	5.7	6.8	6.3	6.7	9.1	8.3	8.7
23	3.8	3.7	3.8	6.6	6.0	6.3	6.5	6.2	6.4	9.3	8.5	8.9
24	3.8	3.7	3.8	6.8	6.3	6.6	7.1	6.2	6.7	9.9	8.7	9.3
25	4.1	3.8	4.0	6.8	6.3	6.6	7.6	6.8	7.3	9.7	9.1	9.4
26	4.3	4.0	4.1	6.3	5.4	5.8	8.0	7.3	7.7	9.3	9.1	9.2
27	4.1	3.8	4.0	5.4	5.1	5.3	7.7	7.3	7.6	9.2	8.7	8.9
28	3.8	3.5	3.7	5.1	4.6	4.8	7.3	6.6	7.2	9.0	8.7	8.9
29	---	---	---	4.6	4.0	4.2	6.9	6.4	6.7	9.4	8.7	9.1
30	---	---	---	4.1	3.5	3.7	6.6	6.2	6.5	9.3	8.8	9.1
31	---	---	---	3.8	3.4	3.7	---	---	---	9.3	8.8	9.1
MONTH	4.3	3.3	3.8	6.8	3.2	4.6	8.0	3.8	6.3	9.9	6.3	8.3

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	9.1	8.8	8.9	11.8	11.0	11.3	17.6	17.2	17.5	16.0	15.5	15.6
2	8.8	8.3	8.5	11.5	11.2	11.4	17.6	16.8	17.2	15.5	14.8	15.0
3	9.1	8.2	8.7	11.4	11.0	11.2	17.4	16.8	17.1	14.8	13.3	13.9
4	9.3	8.7	9.0	11.3	10.7	11.0	17.9	17.1	17.4	14.0	13.3	13.6
5	9.3	8.8	9.1	11.4	10.7	11.1	19.3	17.9	18.7	14.0	13.5	13.7
6	9.3	9.0	9.1	11.8	11.1	11.4	19.2	18.9	19.0	13.6	13.5	13.5
7	9.2	8.8	8.9	12.4	11.8	12.1	19.0	18.0	18.7	14.1	13.6	13.9
8	8.8	8.3	8.4	12.7	11.9	12.3	18.0	17.9	18.0	14.3	14.0	14.1
9	8.8	8.3	8.5	13.3	12.7	13.1	17.9	17.4	17.8	14.1	13.7	14.0
10	8.8	8.5	8.6	13.8	13.2	13.5	17.7	17.4	17.6	14.1	13.5	13.8
11	9.1	8.5	8.7	13.8	13.0	13.4	17.7	17.3	17.5	14.1	13.6	13.9
12	9.6	9.1	9.3	14.4	13.8	14.1	17.3	15.5	16.3	14.1	13.5	13.8
13	10.0	9.4	9.6	15.2	14.4	14.9	15.5	14.7	15.0	14.4	13.6	14.1
14	11.1	10.0	10.7	15.8	15.2	15.5	14.9	14.7	14.7	14.6	14.1	14.3
15	11.3	10.8	11.1	15.8	15.2	15.5	14.9	14.1	14.5	14.7	14.1	14.4
16	12.5	11.0	11.9	15.6	15.0	15.4	14.4	14.2	14.3	14.9	14.3	14.6
17	12.4	11.8	12.1	15.3	14.7	15.0	14.5	14.1	14.3	15.4	14.4	14.8
18	12.5	11.8	12.2	15.0	14.1	14.3	14.7	14.1	14.3	15.4	14.7	15.0
19	12.2	11.3	11.9	14.2	13.3	13.7	15.5	14.7	15.0	15.2	14.6	14.9
20	11.8	11.3	11.5	14.7	13.5	13.9	15.8	15.3	15.5	15.8	14.7	15.3
21	11.8	11.3	11.5	15.6	14.5	14.9	16.1	15.5	15.8	15.5	14.6	15.0
22	11.8	11.1	11.4	15.8	15.0	15.4	17.1	16.1	16.5	14.6	14.3	14.4
23	11.4	10.8	11.1	16.8	15.6	16.0	17.1	16.4	16.7	14.6	14.1	14.4
24	11.3	11.0	11.1	17.5	16.8	17.0	16.8	16.0	16.3	14.6	14.1	14.3
25	11.1	10.8	11.0	17.6	16.8	17.1	16.1	15.1	15.6	14.4	13.9	14.2
26	10.8	10.2	10.5	17.1	16.8	16.9	15.1	14.6	14.9	14.0	13.2	13.7
27	10.8	10.4	10.5	16.9	16.4	16.7	15.5	14.6	15.2	13.2	12.4	12.9
28	11.1	10.7	10.9	16.4	16.0	16.2	15.5	15.2	15.4	12.4	11.6	12.1
29	11.3	10.5	10.9	16.4	16.0	16.2	15.7	15.4	15.5	11.6	11.2	11.4
30	11.1	10.5	10.8	16.8	16.1	16.5	15.7	15.4	15.5	11.5	11.0	11.2
31	---	---	---	17.2	16.8	17.1	16.1	15.5	15.7	---	---	---
MONTH	12.5	8.2	10.2	17.6	10.7	14.3	19.3	14.1	16.2	16.0	11.0	13.9

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1949-50, 1963 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1983 to September 1991 (discontinued).
WATER TEMPERATURE: Jaunuary 1949 to September 1950, May 1963 to current year.
SUSPENDED SEDIMENT DISCHARGE: October 1983 to September 1991 (discontinued).

INSTRUMENTATION.--Water temperature recorder since May 23, 1963.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily mean, 303 microsiemens/cm, Feb. 3, 1985; minimum daily mean, 74 microsiemens/cm, Nov. 27, 1990.
WATER TEMPERATURE: Maximum, 23.5 °C July 27, 1975, July 29-31, 1988; minimum, 0.0 °C many days during winter months.
SEDIMENT CONCENTRATIONS: Maximum, 60 mg/L Nov. 27, 1986; minimum, 1 mg/L Dec. 28-29, 1985, Dec. 18, 1986.
SEDIMENT LOADS: Maximum, 3220 tons Nov. 25, 1986; minimum, 11 tons July 25-26, Aug. 5, 23, 1988.

EXTREMES FOR CURRENT PERIOD.--
WATER TEMPERATURE: Maximum, 19.5 °C Aug. 3, 6; minimum, 2.2 °C Feb. 22.

REMARKS.-- Missing data due to equipment malfunciton.

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	11.3	10.9	11.1	9.5	9.3	9.4	7.9	7.9	7.9	5.7	5.7	5.7
2	11.9	11.2	11.6	9.3	9.2	9.2	8.1	7.9	8.0	5.7	5.5	5.6
3	11.8	11.3	11.6	9.2	8.4	8.9	7.9	7.7	7.9	5.5	4.4	5.4
4	11.8	11.3	11.5	8.4	7.9	8.2	7.7	7.4	7.6	5.4	5.4	5.4
5	11.8	11.5	11.6	8.1	7.9	7.9	7.4	6.9	7.1	5.5	5.2	5.3
6	11.8	11.3	11.6	8.1	7.9	8.0	7.1	6.9	7.0	5.5	5.4	5.5
7	11.8	11.5	11.7	8.4	8.1	8.3	7.3	6.9	7.1	5.5	5.5	5.5
8	12.3	11.6	12.0	8.2	7.9	8.1	7.3	7.3	7.3	5.7	5.5	5.6
9	12.6	12.1	12.4	7.9	7.8	7.8	7.3	7.1	7.2	5.7	5.5	5.7
10	12.4	12.3	12.4	8.2	7.9	8.1	7.1	6.9	7.0	5.5	5.2	5.3
11	12.4	12.1	12.3	8.5	8.2	8.4	6.9	6.9	6.9	5.2	4.8	5.0
12	12.1	11.6	12.0	8.5	8.4	8.5	7.3	6.9	7.1	4.9	4.8	4.8
13	11.8	11.5	11.6	8.9	8.2	8.5	7.1	7.1	7.1	4.8	4.8	4.8
14	11.6	11.3	11.5	9.0	8.9	8.9	7.1	6.8	6.9	4.9	4.8	4.9
15	11.6	11.3	11.5	9.0	8.5	8.9	6.8	6.5	6.6	4.9	4.8	4.9
16	11.8	11.3	11.6	8.5	8.4	8.4	6.8	6.5	6.6	4.9	4.6	4.8
17	11.5	10.6	11.1	8.4	8.1	8.3	6.9	6.6	6.8	4.8	4.6	4.8
18	10.6	10.2	10.5	8.4	8.1	8.2	6.9	6.6	6.9	4.6	4.4	4.4
19	10.4	10.2	10.3	8.5	8.4	8.4	6.6	6.3	6.5	4.6	4.1	4.4
20	10.4	10.2	10.4	8.5	8.2	8.4	6.3	6.0	6.2	4.1	4.0	4.0
21	10.4	10.2	10.3	8.2	7.8	8.1	6.0	5.7	5.8	4.1	4.0	4.0
22	10.4	10.2	10.3	8.1	7.8	8.0	6.3	5.9	6.1	4.4	4.0	4.2
23	10.6	10.2	10.5	7.9	7.6	7.8	6.5	6.3	6.3	4.6	4.3	4.4
24	10.6	10.4	10.5	7.9	7.6	7.8	6.3	6.3	6.3	4.6	4.3	4.4
25	10.6	10.1	10.4	8.1	7.9	8.0	6.3	6.0	6.1	4.3	4.0	4.1
26	10.4	10.1	10.2	8.2	8.1	8.1	6.0	5.5	5.9	4.1	4.0	4.0
27	10.2	9.9	10.1	8.1	7.9	8.1	5.5	5.4	5.4	4.3	4.1	4.2
28	9.9	9.8	9.9	7.9	7.8	7.9	5.4	5.2	5.2	4.6	4.3	4.4
29	9.9	9.8	9.9	7.9	7.8	7.9	5.9	5.2	5.6	4.6	4.4	4.4
30	10.1	9.9	10.0	8.1	7.9	8.0	5.9	5.9	5.9	4.4	4.1	4.3
31	9.9	9.3	9.6	---	---	---	5.9	5.7	5.7	4.1	3.8	3.9
MONTH	12.6	9.3	11.0	9.5	7.6	8.3	8.1	5.2	6.6	5.7	3.8	4.8

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	3.8	3.4	3.6	3.7	3.5	3.6	6.5	6.3	6.5	---	---	---
2	3.7	3.4	3.5	3.8	3.7	3.8	6.5	6.0	6.2	---	---	---
3	3.8	3.7	3.8	4.0	3.7	3.8	6.8	6.2	6.6	---	---	---
4	4.1	3.8	4.0	4.1	3.8	3.9	7.4	6.8	7.1	---	---	---
5	4.0	3.8	3.9	4.1	3.8	4.0	7.3	6.6	7.0	---	---	---
6	3.8	3.5	3.7	4.3	4.0	4.1	6.6	6.5	6.5	---	---	---
7	4.0	3.7	3.9	4.4	4.0	4.1	6.5	5.7	6.1	---	---	---
8	4.1	4.0	4.1	4.0	3.8	3.9	5.9	5.4	5.6	---	---	---
9	4.1	4.1	4.1	4.0	3.7	3.8	6.0	5.7	5.9	---	---	---
10	4.1	4.0	4.0	4.1	3.8	4.0	6.5	6.0	6.3	---	---	---
11	4.0	3.7	3.9	4.3	3.8	4.0	7.1	6.5	6.8	---	---	---
12	3.7	3.0	3.4	4.3	3.8	4.0	7.9	7.1	7.5	---	---	---
13	3.2	2.9	3.0	4.4	4.1	4.3	7.9	7.4	7.5	---	---	---
14	2.9	2.7	2.8	4.4	4.0	4.2	7.4	6.5	6.9	---	---	---
15	3.0	2.7	2.8	4.4	4.0	4.2	6.5	5.1	5.7	---	---	---
16	2.7	2.6	2.6	4.6	4.4	4.5	5.1	3.8	4.2	---	---	---
17	2.7	2.6	2.6	4.9	4.4	4.6	5.1	3.8	4.5	---	---	---
18	2.7	2.6	2.6	4.4	4.3	4.4	6.3	5.1	5.6	---	---	---
19	2.6	2.4	2.5	4.6	4.1	4.3	---	---	---	---	---	---
20	2.7	2.4	2.5	4.4	4.1	4.3	---	---	---	---	---	---
21	2.6	2.4	2.5	4.3	4.1	4.2	---	---	---	---	---	---
22	2.7	2.2	2.4	4.3	4.1	4.2	---	---	---	---	---	---
23	3.2	2.6	2.9	4.8	4.3	4.5	---	---	---	---	---	---
24	3.5	3.2	3.3	4.9	4.4	4.7	---	---	---	---	---	---
25	3.5	3.4	3.4	4.9	4.6	4.7	---	---	---	---	---	---
26	3.4	3.2	3.2	5.5	4.6	5.1	---	---	---	---	---	---
27	3.2	3.0	3.2	6.0	5.5	5.7	---	---	---	---	---	---
28	3.4	3.0	3.2	6.2	5.7	5.9	---	---	---	---	---	---
29	3.5	3.4	3.4	5.9	5.7	5.8	---	---	---	---	---	---
30	---	---	---	6.2	5.7	6.0	---	---	---	---	---	---
31	---	---	---	6.6	6.2	6.4	---	---	---	---	---	---
MONTH	4.1	2.2	3.3	6.6	3.5	4.5	---	---	---	---	---	---

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	15.3	14.8	15.1	18.8	18.0	18.5	14.9	14.5	14.6
2	---	---	---	16.3	15.3	15.7	19.3	18.3	18.8	14.5	14.2	14.4
3	---	---	---	16.3	15.6	16.1	19.5	18.5	19.0	15.2	14.2	14.8
4	---	---	---	15.9	15.6	15.8	19.3	18.7	18.9	15.6	15.0	15.3
5	---	---	---	15.6	15.0	15.3	19.3	18.5	18.9	15.5	15.2	15.3
6	---	---	---	15.5	14.7	14.9	19.5	18.8	19.2	15.3	14.9	15.1
7	---	---	---	14.7	13.7	14.0	19.3	18.7	18.9	15.0	14.7	14.9
8	---	---	---	13.9	13.6	13.7	19.1	18.5	18.8	14.7	14.2	14.4
9	---	---	---	14.8	13.9	14.3	19.1	18.3	18.8	14.2	13.8	14.0
10	---	---	---	15.0	14.5	14.8	19.3	18.7	19.0	14.2	13.8	14.0
11	---	---	---	15.9	15.0	15.6	19.3	18.8	19.1	14.5	13.9	14.3
12	---	---	---	16.1	15.9	16.0	19.1	18.5	18.8	14.4	13.8	14.2
13	---	---	---	16.6	16.1	16.3	19.0	18.3	18.6	13.8	13.0	13.4
14	---	---	---	17.0	16.6	16.7	18.7	18.0	18.3	13.5	12.8	13.2
15	---	---	---	18.0	17.0	17.7	18.0	17.4	17.8	14.1	13.3	13.7
16	---	---	---	18.3	17.7	18.1	17.4	16.9	17.1	14.5	13.8	14.1
17	---	---	---	18.3	17.9	18.2	17.5	16.7	17.1	15.3	14.2	14.7
18	---	---	---	18.0	17.7	17.9	17.2	16.7	17.0	15.8	15.2	15.5
19	---	---	---	18.0	17.5	17.8	17.0	16.6	16.8	15.8	15.5	15.6
20	---	---	---	18.2	17.5	17.9	17.0	16.4	16.7	15.8	15.3	15.5
21	---	---	---	18.3	17.7	18.1	17.4	16.4	16.8	15.8	15.5	15.6
22	---	---	---	18.8	17.9	18.3	17.5	16.9	17.2	15.5	14.5	14.9
23	13.3	12.3	12.8	18.5	18.0	18.3	17.4	16.7	17.0	14.5	13.5	13.9
24	13.6	13.0	13.3	18.8	18.0	18.3	16.7	16.1	16.5	13.5	12.4	12.8
25	13.3	12.7	12.9	18.3	17.7	18.0	16.6	15.9	16.3	12.4	11.8	12.1
26	12.8	12.3	12.6	17.9	17.4	17.6	16.4	15.8	16.1	11.8	11.3	11.6
27	13.9	12.7	13.3	17.9	17.4	17.6	16.4	15.6	16.0	11.9	11.3	11.6
28	13.9	13.4	13.6	18.5	17.5	18.1	16.3	15.8	15.9	12.5	11.8	12.1
29	14.7	13.6	14.1	18.8	17.9	18.3	16.1	15.6	15.9	12.7	12.2	12.4
30	14.8	14.0	14.4	18.7	18.0	18.4	16.6	15.8	16.1	12.8	12.7	12.7
31	---	---	---	18.7	18.0	18.3	15.8	14.9	15.5	---	---	---
MONTH	---	---	---	18.8	13.6	16.8	19.5	14.9	17.6	15.8	11.3	14.0

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1949-50, 1963 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1983 to September 1991 (discontinued).
WATER TEMPERATURE: Jaunuary 1949 to September 1950, May 1963 to current year.
SUSPENDED SEDIMENT DISCHARGE: October 1983 to September 1991 (discontinued).

INSTRUMENTATION.--Water temperature recorder since May 23, 1963.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 303 microsiemens/cm, Feb. 3, 1985; minimum, 74 microsiemens/cm, Nov. 27, 1990.
WATER TEMPERATURE: Maximum, 23.5 °C July 27, 1975, July 29-31, 1988; minimum, 0.0 °C many days during winter months.
SEDIMENT CONCENTRATIONS: Maximum, 60 mg/L Nov. 27, 1986; minimum, 1 mg/L Dec. 28-29, 1985, Dec. 18, 1986.
SEDIMENT LOADS: Maximum, 3220 tons Nov. 25, 1986; minimum, 11 tons July 25-26, Aug. 5, 23, 1988.

EXTREMES FOR CURRENT PERIOD.--
WATER TEMPERATURE: Maximum, 20.6 °C Aug. 12, 15, 17; minimum, 2.0 °C Dec. 21.

REMARKS.--Missing data due to equipment malfunction.

WATER-QUALITY DATA, APRIL TO SEPTEMBER 2001

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	TURBID-ITY LAB HACH 2100AN (NTU) (99872)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)
APR										
04...	1020	5270	239	8.0	5.0	5.5	3.2	3.2	27.0	<1
MAY										
22...	0900	10500	122	7.9	16.0	9.6	4.2	7.3	68.0	S2
JUN										
27...	1000	5940	193	8.1	15.5	16.2	6.5	9.1	98.5	S1
JUL										
30...	1045	6600	235	7.6	16.0	17.9	3.7	8.0	90.3	S1
AUG										
27...	1130	6460	241	7.9	24.0	18.0	1.7	8.7	98.1	S5
SEP										
24...	1230	6450	245	8.4	24.5	15.9	2.3	9.4	101	S5

DATE	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	ANC WATER UNFLTRD FET FIELD MG/L AS HCO3 (00440)	ANC UNFLTRD CARB FET FIELD MG/L AS CO3 (00445)	ANC WATER UNFLTRD FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)
SEP													
24...	117	31.8	9.10	3.3	5.68	.52	120	1	97	21.5	2.6	<.2	4.2

DATE	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)	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)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
APR										
04...	--	--	--	.017	.19	.063	<.007	.006	3	43
MAY										
22...	--	--	--	<.002	E.04	.046	<.007	.007	2	57
JUN										
27...	--	--	--	.009	.08	.014	<.007	.006	1	16
JUL										
30...	--	--	--	.002	.11	.025	<.007	.005	2	36
AUG										
27...	--	--	--	.004	.10	.026	<.007	.004	<1	--
SEP										
24...	131	.178	2280	.008	.11	.009	<.007	.005	2	35

E Estimated value
S Most probable value

KOOTENAI RIVER BASIN

12322000 KOOTENAI RIVER AT PORTHILL, ID--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	13.1	12.8	13.0	9.0	8.8	9.0	5.6	5.4	5.5	4.0	3.9	4.0
2	13.1	13.0	13.0	8.8	8.7	8.8	5.6	5.4	5.6	3.9	3.8	3.9
3	13.0	12.5	12.7	8.7	8.7	8.7	5.4	4.9	5.2	3.8	3.5	3.7
4	12.5	12.1	12.3	8.7	8.5	8.7	5.1	4.9	5.0	3.5	3.4	3.5
5	12.1	11.8	12.0	8.5	8.1	8.2	5.4	5.1	5.3	3.5	3.5	3.5
6	11.9	11.6	11.7	8.2	8.1	8.1	5.4	5.3	5.4	3.7	3.5	3.5
7	11.6	11.0	11.3	8.1	7.7	7.9	5.3	5.1	5.1	3.5	3.3	3.4
8	11.0	10.5	10.7	7.7	7.4	7.6	5.3	5.1	5.3	3.4	3.2	3.3
9	10.5	10.2	10.3	7.4	7.3	7.3	5.3	5.1	5.2	3.2	3.1	3.1
10	10.4	10.1	10.2	7.3	6.7	7.1	5.1	4.9	5.1	3.2	3.1	3.1
11	10.2	9.9	10.1	6.7	6.3	6.4	4.9	4.8	4.8	3.2	3.1	3.2
12	10.4	10.2	10.4	6.7	6.5	6.5	4.8	4.2	4.3	3.4	3.2	3.3
13	10.4	10.4	10.4	6.7	6.3	6.5	4.6	4.3	4.3	3.2	2.8	3.0
14	10.5	10.4	10.5	6.5	6.2	6.3	4.6	4.3	4.5	2.8	2.3	2.5
15	11.0	10.5	10.8	6.7	6.3	6.5	4.3	4.0	4.2	2.4	2.1	2.3
16	11.5	11.0	11.2	6.7	6.5	6.6	4.0	3.7	3.8	2.6	2.3	2.4
17	11.5	11.3	11.4	6.5	6.2	6.4	3.7	3.4	3.5	2.9	2.6	2.7
18	11.5	11.1	11.3	6.2	6.2	6.2	3.4	3.1	3.3	2.8	2.8	2.8
19	11.1	11.0	11.0	6.3	6.2	6.3	3.1	2.7	2.9	2.8	2.8	2.8
20	11.0	11.0	11.0	6.3	6.2	6.3	2.7	2.1	2.4	2.9	2.8	2.9
21	11.0	10.6	10.8	6.3	6.2	6.2	2.1	2.0	2.0	2.9	2.8	2.8
22	10.7	10.5	10.5	6.2	5.9	6.0	2.8	2.1	2.5	2.8	2.6	2.6
23	10.8	10.5	10.7	6.0	5.9	5.9	2.9	2.8	2.9	2.8	2.6	2.6
24	10.7	10.2	10.5	5.9	5.6	5.8	2.9	2.9	2.9	2.6	2.4	2.6
25	10.2	9.9	10.1	5.9	5.7	5.8	2.9	2.6	2.8	2.8	2.6	2.7
26	9.9	9.6	9.7	5.9	5.7	5.8	2.9	2.6	2.7	3.2	2.8	3.0
27	9.6	9.1	9.4	5.8	5.6	5.7	3.4	2.9	3.2	3.4	3.1	3.3
28	9.1	8.8	9.0	5.6	5.6	5.6	3.7	3.4	3.5	3.5	3.2	3.4
29	9.0	8.7	8.9	5.6	5.4	5.5	4.0	3.7	3.9	3.5	3.4	3.4
30	9.0	8.8	9.0	5.4	5.3	5.4	4.2	4.0	4.0	3.4	3.2	3.2
31	9.0	9.0	9.0	---	---	---	4.2	4.0	4.1	3.2	3.1	3.2
MONTH	13.1	8.7	10.7	9.0	5.3	6.8	5.6	2.0	4.0	4.0	2.1	3.1

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	3.2	3.1	3.1	3.4	3.2	3.3	---	---	---	8.5	7.4	7.9
2	3.4	3.1	3.3	3.2	2.8	3.1	---	---	---	7.4	7.1	7.3
3	3.9	3.4	3.7	2.9	2.4	2.8	---	---	---	7.4	7.0	7.2
4	4.0	3.9	3.9	2.6	2.3	2.4	---	---	---	8.1	7.3	7.6
5	4.0	3.7	3.9	2.8	2.4	2.6	5.6	5.4	5.4	8.5	7.9	8.2
6	3.9	3.5	3.7	3.2	2.8	3.0	5.6	5.3	5.4	9.1	8.5	8.8
7	3.7	3.2	3.4	3.9	3.2	3.5	5.6	5.1	5.3	9.7	9.1	9.4
8	3.2	2.9	3.1	3.9	3.5	3.7	5.4	5.3	5.3	9.9	9.7	9.8
9	3.1	2.5	2.9	3.9	3.7	3.8	5.7	5.3	5.5	9.7	9.3	9.5
10	2.5	2.1	2.3	4.5	3.9	4.2	6.0	5.6	5.8	9.9	9.3	9.5
11	2.9	2.1	2.5	5.1	4.3	4.6	6.5	5.9	6.2	10.1	9.6	9.9
12	3.1	2.8	3.0	4.9	4.5	4.7	6.7	6.2	6.3	10.2	9.9	10.1
13	3.4	2.9	3.2	5.1	4.6	4.9	6.5	6.0	6.2	10.4	9.9	10.1
14	3.2	3.1	3.2	5.3	4.9	5.1	6.5	6.0	6.2	10.1	9.6	9.8
15	3.4	3.2	3.3	5.6	5.1	5.2	7.1	6.0	6.4	9.7	9.6	9.7
16	3.2	2.8	3.0	5.4	5.1	5.3	7.1	6.2	6.5	9.6	9.1	9.3
17	2.9	2.6	2.8	5.1	4.6	4.8	7.0	6.3	6.6	9.1	8.5	8.7
18	2.7	2.3	2.4	4.9	4.6	4.8	7.1	6.5	6.9	8.8	8.7	8.7
19	2.9	2.4	2.6	5.3	4.9	5.0	8.2	7.1	7.5	9.0	8.7	8.8
20	2.9	2.6	2.7	5.3	4.9	5.0	8.2	7.6	7.9	9.3	8.7	9.0
21	2.9	2.4	2.7	5.6	4.9	5.2	9.0	7.7	8.2	10.1	9.3	9.6
22	2.9	2.8	2.9	5.7	5.1	5.3	9.0	8.2	8.6	10.1	9.6	9.8
23	3.2	2.8	3.0	5.9	5.1	5.5	8.8	8.4	8.7	10.7	9.8	10.2
24	3.2	3.1	3.1	6.7	5.4	6.0	9.0	8.4	8.5	11.8	10.3	11.0
25	3.5	3.1	3.3	6.3	6.0	6.2	9.1	8.4	8.6	12.6	11.5	12.0
26	3.4	3.2	3.3	6.5	6.0	6.2	9.0	8.7	8.8	12.8	12.3	12.5
27	3.5	3.2	3.3	---	---	---	9.7	9.0	9.3	12.9	12.5	12.7
28	3.5	3.2	3.3	---	---	---	9.4	9.0	9.1	12.9	12.8	12.9
29	---	---	---	---	---	---	9.4	9.1	9.3	12.8	12.6	12.7
30	---	---	---	---	---	---	9.1	8.5	8.8	12.8	12.3	12.6
31	---	---	---	---	---	---	---	---	---	13.2	12.6	12.9
MONTH	4.0	2.1	3.1	---	---	---	---	---	---	13.2	7.0	9.9

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	12.9	12.5	12.8	17.2	16.4	16.6	18.4	17.6	17.9	18.1	17.6	17.8
2	12.5	11.9	12.2	17.5	16.2	16.7	18.0	17.5	17.7	18.0	17.6	17.7
3	---	---	---	17.6	16.6	17.1	18.1	17.2	17.5	17.8	17.5	17.6
4	---	---	---	18.8	17.1	17.8	18.0	17.5	17.7	18.0	17.5	17.6
5	12.8	12.0	12.5	19.6	18.1	19.0	18.3	17.6	17.8	17.6	17.3	17.5
6	12.8	12.6	12.7	19.7	19.0	19.6	18.6	17.7	18.1	17.4	17.0	17.2
7	12.6	11.4	12.0	19.7	19.3	19.5	19.1	17.9	18.4	17.1	16.4	16.6
8	11.8	10.9	11.1	19.6	18.9	19.3	19.6	18.4	18.9	16.5	15.9	16.1
9	11.4	10.9	11.1	19.7	18.9	19.1	19.4	18.6	18.8	16.7	15.9	16.1
10	12.2	11.2	11.7	19.6	18.8	19.1	19.6	18.4	18.8	16.5	15.7	16.1
11	11.8	11.5	11.7	18.9	18.0	18.3	20.2	18.7	19.3	16.2	15.6	15.9
12	11.8	11.7	11.7	18.8	17.8	18.3	20.6	19.2	19.7	16.2	15.4	15.8
13	12.3	11.7	12.1	19.4	18.2	18.9	20.2	19.4	19.8	16.4	15.6	15.9
14	12.5	12.0	12.3	19.6	18.6	19.0	20.2	19.4	19.7	16.8	15.8	16.1
15	12.0	11.4	11.6	19.1	18.6	18.8	20.6	19.4	19.7	17.0	16.0	16.3
16	11.5	10.9	11.1	18.6	17.6	18.1	20.4	19.7	20.0	17.0	16.3	16.6
17	11.4	10.8	11.0	17.9	17.3	17.4	20.6	19.7	19.9	17.0	16.5	16.7
18	11.8	11.0	11.4	17.8	17.5	17.6	19.8	19.4	19.6	17.0	16.7	16.8
19	13.5	11.5	12.6	18.1	17.4	17.6	19.5	19.1	19.2	17.3	16.8	17.1
20	14.0	12.6	13.6	17.5	16.5	17.1	19.4	18.9	19.1	17.2	16.8	17.0
21	14.8	13.6	14.3	16.8	15.9	16.1	19.1	18.8	18.9	17.0	16.7	16.8
22	15.3	14.3	14.8	16.1	15.7	15.8	18.9	18.6	18.7	16.8	16.4	16.6
23	15.4	14.7	15.1	16.7	15.9	16.2	18.8	18.4	18.6	16.5	15.9	16.2
24	15.7	15.1	15.5	17.0	15.9	16.3	18.6	18.3	18.4	16.2	15.7	15.9
25	16.1	15.5	15.8	17.3	16.2	16.7	18.6	17.8	18.1	16.1	15.6	15.8
26	16.5	15.6	16.0	17.3	16.7	16.9	18.6	17.5	17.8	15.7	15.6	15.6
27	16.7	16.0	16.4	17.6	16.7	17.2	17.8	17.2	17.4	15.7	15.4	15.6
28	17.3	16.5	16.9	18.0	17.0	17.6	17.3	16.8	17.0	15.7	15.6	15.6
29	18.1	16.7	17.2	18.1	17.6	18.0	18.0	16.8	17.2	15.7	15.6	15.6
30	17.3	16.4	16.8	18.4	17.6	17.9	17.6	17.0	17.3	15.6	15.4	15.5
31	---	---	---	18.3	17.8	18.0	18.0	17.4	17.7	---	---	---
MONTH	---	---	---	19.7	15.7	17.8	20.6	16.8	18.5	18.1	15.4	16.5