01193050 CONNECTICUT RIVER AT MIDDLE HADDAM, CT

LOCATION.--Lat 41°32'30", long 72°33'13", Middlesex County, Hydrologic Unit 01080205, on pier of United Technologies Corporation (formerly Connecticut Advanced Nuclear Engineering Laboratory, CANEL), 0.8 mi south of Middle Haddam, 7.6 mi upstream from Salmon River, and 6.1 mi south of Middletown.
DRAINAGE AREA.--10,897 mi^2 rev.
PERIOD OF RECORD.--Water year 1967 to current year.
PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1967 to September 1970, October 1973 to June 1976, June 1978 to current year.
pH: October 1967 to September 1970, October 1973 to June 1976, June 1978 to current year.
WATER TEMPERATURES: October 1967 to September 1970, October 1973 to June 1976, June 1978 to current year.
DISSOLVED OXYGEN: October 1967 to September 1970, October 1973 to June 1976, June 1978 to September 1997, October 1998 to September 1999.
INSTRUMENTATION.--Water-quality monitor October 1967 to current year.
REMARKS.--USGS water-quality monitoring system installed June 1978. Interruptions of the record due to malfunctions of the instrument. The instantaneous record values will not necessarily fall within the corresponding daily range of the continuous records due to the depth and location of the probes used for the monitoring system. Stream tidal affected. Extremes for period of daily record and current year are only for those values reported. Water temperature records rated good; specific conductance records rated fair; ph records rated poor.
EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 483 microsiemens Aug. 18, 1975; minimum, 33 microsiemens March 23, 1980.
pH: Maximum, 9.7 units July 3, 1975; minimum, 4.9 units Apr. 23, 1976.
WATER TEMPERATURES: Maximum, 33.0°C July 12, 1970; minimum, 0.0°C on many days during winter periods.
DISSOLVED OXYGEN: Maximum, 19.2 mg/L Feb. 17, 1980; minimum 0.6 mg/L Aug. 11, 1970.
EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 217 microsiemens Feb. 17; minimum, 81 microsiemens April 6, 7, 13, 14.
pH: Maximum, 8.2 units July 7, 8; minimum 6.0 units Mar. 4.
WATER TEMPERATURES: Maximum, 27°C Sept. 1; minimum, 0.0°C on numerous days during the winter period.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE AIR (DEG C) (00020)	TEMPERATURE WATER (DEG C) (00010)	TURBIDITY (NTU) (00076)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	COLIFORM, FECAL, 0.45 UM-MF (COLS./100 ML) (31616)	ENTEROCOCCI ME,MF WATER TOTAL (COL / 100 ML) (31649)
OCT											
18...	1035	127	128	7.1	12.5	14.5	5.0	9.3	92	120	59
DEC											
01...	1330	104	105	7.4	3.0	6.0	8.2	11.8	94	1200	460
FEB											
09...	1315	162	166	7.4	4.0	2.5	1.3	13.4	98	4700	660
APR											
10...	1100	96	97	7.0	12.0	7.0	18	11.9	100	K1300	--
JUN											
07...	1040	134	127	7.2	14.0	17.0	2.7	8.1	84	3800	--
AUG											
02...	1055	111	113	7.1	23.0	21.0	12	7.8	88	720	--

DATE	ENTEROCOCCI (MEI) MF 24 HOUR (COL / 100 ML (90909)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)
OCT											
18...	--	33	10.3	1.78	8.1	1.4	0	31	25	8.7	13.9
DEC											
01...	--	32	10.2	1.51	6.3	1.1	0	27	22	7.6	10.0
FEB											
09...	--	41	12.8	2.31	13.4	1.7	0	37	30	10.1	20.6
APR											
10...	176	26	8.32	1.30	6.0	.8	0	22	18	6.5	9.4
JUN											
07...	K1520	36	11.4	1.80	8.6	1.1	0	34	28	8.1	12.1
AUG											
02...	41	30	9.22	1.67	8.1	1.2	0	27	22	6.7	11.2

DATE	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L) (00500)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN, TOTAL (MG/L AS N) (00600)
OCT											
18...	<.1	5.7	78	84	.014	.364	.092	.26	.35	.23	.72
DEC											
01...	<.1	6.0	70	--	<.010	.259	.076	.29	.37	.19	.63
FEB											
09...	<.1	7.7	100	94	.023	.658	.380	.22	.60	.54	1.3
APR											
10...	<.1	4.8	58	85	<.010	.314	.074	.37	.44	.22	.75
JUN											
07...	<.1	5.4	76	87	.012	.399	.144	.31	.45	.31	.85
AUG											
02...	<.1	5.5	70	84	.014	.468	.098	.32	.42	.29	.89

01193050 CONNECTICUT RIVER AT MIDDLE HADDAM, CT--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)
OCT										
18...	.066	.047	.040	14	<1	15	<1	<1.0	<.8	<1
DEC										
01...	.063	.028	.020	23	<1	11	<1	<1.0	<.8	<1
FEB										
09...	.111	.085	.073	18	<1	20	<1	<1.0	<.8	<1
APR										
10...	.086	.016	.012	25	<1	10	<1	<1.0	<.8	<1
JUN										
07...	.093	.047	.034	15	<1	14	<1	<1.0	<.8	<1
AUG										
02...	.112	.051	.033	14	<1	16	<1	<1.0	<.8	<1

DATE	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
OCT										
18...	2	70	<1	18	<1	<1	<1	2	<1	4.4
DEC										
01...	1	90	<1	7	<1	<1	<1	2	<1	4.6
FEB										
09...	2	120	<1	43	<1	1	<1	4	<1	3.4
APR										
10...	2	50	<1	9	<1	<1	<1	4	<1	6.5
JUN										
07...	2	110	<1	15	<1	1	<1	2	<1	4.7
AUG										
02...	2	90	<1	6	<1	<1	<1	<1	<1	5.1

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), 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	---	---	---	125	112	119	114	104	109	142	138	140
2	---	---	---	125	114	117	111	100	104	142	140	141
3	---	---	---	137	117	124	106	99	102	142	137	139
4	---	---	---	133	119	125	106	100	102	147	136	142
5	---	---	---	119	106	110	109	105	107	149	137	144
6	128	124	126	107	103	105	115	108	112	145	124	136
7	129	123	125	119	107	110	118	110	113	125	119	122
8	125	119	122	112	109	111	118	111	113	121	114	117
9	126	119	120	115	111	112	115	110	112	116	112	114
10	130	119	123	117	112	114	112	107	110	118	115	117
11	140	125	129	123	115	119	118	110	115	122	112	119
12	141	129	132	124	119	122	118	116	117	115	109	112
13	131	126	128	127	121	124	119	115	117	110	107	109
14	139	125	129	149	122	128	118	114	115	114	108	112
15	145	130	134	129	124	126	124	114	117	120	112	118
16	150	125	132	130	127	128	131	119	125	126	117	120
17	135	123	126	135	129	130	129	123	126	125	118	122
18	136	124	129	131	126	128	126	120	123	130	121	126
19	139	131	134	132	126	127	124	119	121	139	129	134
20	139	133	135	139	126	130	123	119	121	138	127	132
21	143	134	138	148	129	135	130	118	123	136	127	130
22	147	136	140	146	129	133	131	124	127	136	129	133
23	145	135	140	144	130	135	132	128	130	139	131	136
24	146	134	138	142	131	135	130	123	127	138	133	134
25	143	125	133	147	128	134	127	123	125	136	131	134
26	126	110	117	130	125	128	129	124	126	145	131	136
27	125	110	115	136	125	129	130	126	128	155	138	145
28	125	112	119	143	127	133	131	126	129	162	152	157
29	131	115	124	133	104	119	132	129	130	163	145	156
30	137	112	117	109	100	105	134	130	132	147	139	142
31	124	113	117	---	---	---	139	133	137	147	137	142
MONTH	150	110	128	149	100	123	139	99	119	163	107	131

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	153	140	144	134	121	126	86	83	85	104	96	100
2	165	153	161	132	123	129	93	83	88	106	100	102
3	171	163	167	132	124	128	95	88	92	108	101	104
4	170	156	163	125	115	120	100	91	95	109	103	106
5	159	150	156	121	115	118	97	91	94	111	106	108
6	156	146	152	123	115	119	93	86	90	115	108	112
7	155	147	152	122	116	119	89	81	85	118	111	114
8	161	150	158	121	116	118	84	81	82	121	114	118
9	167	157	163	123	115	120	91	83	87	121	115	119
10	168	158	163	126	121	123	94	87	91	121	116	118
11	164	152	159	127	110	118	87	84	85	125	118	121
12	156	150	153	114	106	110	86	83	85	121	101	110
13	158	152	155	112	106	110	84	81	82	103	91	98
14	---	---	---	107	100	103	91	81	87	95	91	93
15	---	---	---	108	101	104	96	88	93	92	88	90
16	---	---	---	109	104	106	97	90	93	88	82	84
17	217	170	185	117	104	110	98	92	95	89	84	86
18	170	161	163	115	105	111	105	96	100	95	87	91
19	164	159	161	111	103	106	106	100	102	101	91	96
20	167	158	162	112	106	109	106	99	102	106	96	99
21	179	164	170	114	107	110	110	100	104	100	95	97
22	198	177	189	112	107	109	114	104	108	104	97	100
23	201	191	196	116	107	110	107	96	102	106	99	103
24	193	182	188	115	109	111	96	89	91	111	103	107
25	192	187	189	115	110	113	90	88	89	116	106	110
26	193	185	190	114	109	111	93	89	91	110	103	107
27	187	172	179	113	109	111	98	91	96	105	99	102
28	173	159	167	111	106	108	99	95	97	109	101	104
29	159	134	148	110	98	106	97	93	95	109	103	105
30	---	---	---	98	87	93	101	94	97	113	107	110
31	---	---	---	91	85	89	---	---	---	115	112	113
MONTH	217	134	167	134	85	112	114	81	93	125	82	104

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), 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	119	113	116	134	132	133	124	116	121	144	138	141
2	126	117	120	137	132	134	119	113	116	144	140	143
3	133	122	128	145	135	139	122	115	117	146	143	145
4	132	126	129	148	140	143	129	122	126	146	144	145
5	143	131	138	152	145	148	129	120	125	145	141	143
6	144	131	136	151	147	149	121	118	120	146	144	145
7	136	118	130	151	147	149	123	118	121	148	146	147
8	118	91	99	149	146	148	124	119	121	148	146	147
9	96	87	91	153	148	150	124	119	121	154	148	150
10	98	93	96	158	152	155	120	115	117	157	150	152
11	104	94	100	158	155	157	123	118	120	152	147	149
12	115	101	109	160	156	157	123	115	118	154	147	148
13	117	111	114	160	154	156	119	104	113	153	148	150
14	111	106	109	155	150	152	109	100	104	166	152	159
15	111	105	108	155	149	152	109	99	104	169	163	165
16	114	106	110	166	151	158	114	108	112	167	156	162
17	116	112	114	165	134	156	116	111	113	161	153	156
18	119	113	117	135	82	109	118	112	114	158	147	155
19	124	119	122	109	86	98	114	111	112	147	141	146
20	126	122	124	112	103	107	117	114	115	149	141	145
21	126	120	123	117	101	106	120	115	117	148	136	141
22	124	120	122	124	115	119	123	118	119	152	144	150
23	133	123	128	126	122	124	124	122	124	152	147	149
24	135	130	132	128	126	127	126	122	124	152	147	150
25	134	131	133	132	127	129	134	125	131	152	147	148
26	137	132	134	139	131	136	137	133	135	153	147	150
27	142	132	138	144	137	141	135	128	132	159	151	155
28	145	136	140	151	141	146	133	128	131	160	156	159
29	137	130	133	144	119	130	136	131	133	159	158	159
30	134	130	132	120	115	117	139	132	135	163	155	157
31	---	---	---	124	115	119	141	136	139	---	---	---
MONTH	145	87	121	166	82	137	141	99	121	169	136	150
YEAR	217	81	125									

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	7.0	6.6	7.2	6.5	7.1	6.6	6.8	6.4	7.0	6.3
2	---	---	7.0	6.6	7.2	6.5	7.2	6.6	6.9	6.5	7.1	6.3
3	---	---	7.1	6.6	7.1	6.3	7.2	6.5	6.9	6.5	7.1	6.2
4	---	---	7.0	6.5	7.1	6.4	7.2	6.5	6.9	6.5	7.1	6.0
5	---	---	7.0	6.5	7.1	6.4	7.2	6.6	6.9	6.5	7.1	6.2
6	7.0	7.0	7.0	6.5	7.1	6.4	7.2	6.6	6.9	6.5	7.1	6.5
7	7.1	7.0	7.0	6.6	7.1	6.3	7.2	6.5	7.0	6.5	7.1	6.1
8	7.1	7.0	7.0	6.8	7.0	6.3	7.1	6.5	6.9	6.5	7.1	6.1
9	7.1	7.0	7.1	6.7	7.0	6.3	7.2	6.5	6.8	6.4	7.1	6.3
10	7.1	7.0	7.1	6.6	7.1	6.3	7.2	6.6	7.0	6.5	7.2	6.2
11	7.1	7.0	7.1	6.8	7.0	6.3	7.2	6.6	6.9	6.5	7.1	6.7
12	7.0	7.0	7.1	6.8	7.1	6.3	7.1	6.5	6.9	6.5	7.1	6.5
13	7.1	7.0	7.1	6.8	7.1	6.4	7.0	6.5	6.9	6.5	7.1	6.6
14	7.1	6.4	7.1	6.9	7.1	6.6	7.0	6.6	---	---	7.0	6.3
15	7.2	6.9	7.1	6.6	7.1	6.4	7.1	6.6	---	---	7.1	6.2
16	7.1	6.9	7.2	6.7	7.1	6.4	7.0	6.5	---	---	7.1	6.1
17	7.1	6.9	7.2	6.7	7.1	6.4	7.0	6.5	7.0	6.4	7.1	6.2
18	7.2	6.8	7.2	6.5	7.1	6.4	7.1	6.5	7.0	6.3	7.1	6.6
19	7.2	6.9	7.3	6.5	7.1	6.5	7.1	6.5	7.0	6.4	7.1	6.2
20	7.2	6.8	7.2	6.6	7.2	6.9	7.1	6.5	7.0	6.4	7.1	6.2
21	7.2	6.8	7.2	6.5	7.2	6.4	7.1	6.5	7.1	6.4	7.1	6.5
22	7.1	6.8	7.2	6.6	7.1	6.4	7.1	6.5	7.1	6.4	7.1	6.2
23	7.1	6.8	7.2	6.4	7.0	6.6	7.1	6.4	7.1	6.4	7.1	6.2
24	7.1	6.8	7.2	6.5	7.0	6.6	7.0	6.4	7.1	6.4	7.2	6.2
25	7.0	6.7	7.2	6.5	7.0	6.6	7.0	6.4	7.1	6.4	7.2	6.3
26	7.0	6.7	7.2	6.4	7.0	6.6	6.9	6.4	7.1	6.5	7.2	6.3
27	7.1	6.7	7.1	6.5	7.1	6.6	7.0	6.4	7.1	6.5	7.2	6.3
28	7.1	6.8	7.1	6.4	7.0	6.6	7.0	6.5	7.1	6.3	7.2	6.4
29	7.1	6.8	7.2	6.5	7.1	6.6	6.9	6.5	7.1	6.3	7.2	6.4
30	7.1	6.8	7.1	6.5	7.1	6.6	6.9	6.4	---	---	7.1	6.4
31	7.0	6.7	---	---	7.1	6.7	6.8	6.5	---	---	7.1	6.4
MONTH	7.2	6.4	7.3	6.4	7.2	6.3	7.2	6.4	7.1	6.3	7.2	6.0

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.1	6.3	7.1	6.3	7.1	6.7	7.2	6.9	6.9	6.5	7.6	7.0
2	7.1	6.3	7.1	6.4	7.1	6.7	7.2	6.8	6.9	6.5	7.2	6.9
3	7.1	6.6	7.1	6.4	7.0	6.7	7.2	6.9	7.0	6.6	7.1	6.8
4	7.1	6.2	7.1	6.4	6.9	6.6	7.3	6.9	7.1	6.4	7.1	6.8
5	7.1	6.5	7.0	6.5	6.9	6.6	8.0	6.9	7.2	6.8	7.2	6.8
6	7.1	6.5	7.0	6.5	7.0	6.6	8.0	7.1	7.1	6.8	7.2	6.8
7	7.1	6.6	7.0	6.5	7.0	6.5	8.2	6.9	7.1	6.8	7.2	6.7
8	7.1	6.4	7.1	6.9	6.8	6.4	8.2	7.3	7.2	6.9	7.2	6.7
9	7.1	6.4	7.1	6.9	6.8	6.4	7.7	7.2	7.1	6.9	7.1	6.8
10	7.1	6.4	7.0	6.8	6.8	6.4	7.4	7.0	7.1	6.9	7.1	6.5
11	7.1	6.5	7.0	6.6	6.8	6.5	7.7	6.9	7.1	6.8	7.0	6.6
12	7.1	6.4	7.1	6.6	6.8	6.4	7.8	7.1	7.2	6.9	7.0	6.5
13	7.0	6.3	7.1	6.6	7.1	6.4	7.9	7.0	7.2	6.7	7.0	6.7
14	7.1	6.3	7.1	6.6	7.0	6.5	8.1	7.1	7.0	6.6	7.2	6.7
15	7.1	6.5	7.1	6.5	6.9	6.5	7.8	7.1	7.0	6.5	7.3	6.6
16	7.2	6.4	7.1	6.5	7.0	6.6	7.8	7.1	7.0	6.6	7.3	6.9
17	7.2	6.4	7.0	6.5	7.0	6.7	7.3	6.8	7.1	6.7	7.3	6.8
18	7.2	6.4	7.0	6.5	7.0	6.7	7.0	6.6	7.2	6.5	7.2	6.7
19	7.2	6.4	7.0	6.5	7.0	6.7	6.9	6.5	7.1	6.7	7.3	6.8
20	7.2	6.5	7.0	6.5	7.0	6.7	7.0	6.7	7.0	6.7	7.3	6.8
21	7.2	6.4	7.0	6.5	7.1	6.7	6.9	6.6	7.1	6.7	7.2	6.7
22	7.2	6.4	7.1	6.5	7.1	6.8	7.2	6.8	7.2	6.6	7.2	6.7
23	7.1	6.4	7.1	6.5	7.1	6.8	7.2	6.8	7.2	6.7	7.2	6.8
24	7.1	6.4	7.0	6.5	7.1	6.8	7.3	6.8	7.1	6.6	7.2	6.7
25	7.1	6.4	7.0	6.6	7.1	6.8	7.3	6.9	7.2	6.7	7.2	6.6
26	7.0	6.4	7.0	6.6	7.2	6.8	7.2	6.8	7.2	6.7	7.2	6.5
27	7.1	6.3	7.1	6.6	7.1	6.7	7.1	6.8	7.3	6.8	7.1	6.4
28	7.1	6.3	7.1	6.6	7.1	6.8	7.0	6.7	7.2	6.8	7.1	6.4
29	7.1	6.3	7.0	6.6	7.1	6.7	7.0	6.6	7.4	6.9	7.2	6.4
30	7.1	6.3	7.1	6.6	7.1	6.8	6.9	6.6	7.3	6.9	7.2	6.5
31	---	---	7.1	6.6	---	---	6.9	6.6	7.6	7.0	---	---
MONTH	7.2	6.2	7.1	6.3	7.2	6.4	8.2	6.5	7.6	6.4	7.6	6.4
YEAR	8.2	6.0										

TEMPERATURE, WATER (DEG. C), 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	---	---	---	11.5	10.5	11.0	6.5	5.0	6.0	2.5	.5	1.0
2	---	---	---	12.0	11.0	11.5	5.0	4.5	5.0	3.0	1.0	1.5
3	---	---	---	12.0	11.5	12.0	5.0	4.5	4.5	4.0	1.5	2.0
4	---	---	---	12.0	11.0	11.5	5.5	4.5	4.5	5.0	2.5	3.5
5	---	---	---	11.0	10.0	10.5	6.0	5.0	5.0	5.0	4.0	4.5
6	16.0	15.0	15.0	10.5	10.0	10.0	6.0	5.0	5.5	5.0	2.0	3.5
7	15.0	14.0	14.5	10.0	9.5	9.5	6.0	5.5	6.0	2.0	1.5	2.0
8	14.5	13.0	14.0	9.5	8.5	9.0	6.5	5.5	5.5	1.5	1.0	1.0
9	14.5	13.5	14.0	8.5	8.0	8.5	6.0	5.0	5.5	1.5	.5	1.0
10	14.5	14.0	14.0	9.0	8.0	8.5	6.0	5.0	5.0	3.0	1.0	1.5
11	15.5	14.0	14.5	9.5	8.5	9.0	5.5	4.5	5.0	3.0	2.0	2.0
12	15.5	14.5	15.0	9.0	8.5	9.0	5.0	4.0	4.5	2.5	2.0	2.5
13	15.5	14.5	15.0	8.5	8.0	8.0	4.0	3.5	4.0	2.0	1.0	2.0
14	15.5	14.5	15.0	8.0	8.0	8.0	4.5	3.5	4.0	1.0	.0	.5
15	15.5	14.5	14.5	8.0	7.0	7.5	4.5	4.0	4.0	1.5	.0	.5
16	14.5	13.5	13.5	7.5	6.0	7.0	5.0	4.0	4.5	1.5	.0	.0
17	14.0	13.5	13.5	6.0	5.0	6.0	4.5	4.0	4.0	.5	.0	.5
18	14.5	14.0	14.5	6.0	5.0	5.5	4.5	3.5	4.0	1.0	.0	.5
19	14.5	13.5	14.0	6.5	5.0	5.5	4.5	3.5	3.5	1.0	.0	.5
20	13.5	12.5	13.0	7.0	6.0	6.0	4.5	3.0	3.5	1.5	.0	.5
21	13.5	12.5	12.5	7.5	6.5	6.5	4.5	3.0	3.0	1.5	.0	.5
22	13.0	12.0	12.5	8.0	7.0	7.5	4.0	3.0	3.0	.5	.0	.5
23	13.0	12.0	12.0	8.0	7.5	7.5	3.0	2.5	2.5	1.5	.0	.5
24	12.0	11.5	12.0	8.5	7.5	8.0	2.5	1.5	2.0	2.0	.0	.5
25	11.5	11.0	11.0	9.0	8.5	8.5	2.5	1.0	1.5	1.5	.0	.5
26	11.5	10.5	11.0	9.0	8.5	9.0	2.0	.5	1.0	1.0	.0	.5
27	11.0	10.5	10.5	9.5	8.5	9.0	1.5	.0	.5	1.5	.0	.5
28	11.0	10.0	10.5	9.5	8.5	9.0	1.0	.0	.5	.5	.0	.5
29	10.5	9.5	10.0	8.5	7.5	8.0	.5	.0	.5	1.0	.0	.5
30	10.5	9.5	10.0	7.5	6.5	7.0	1.5	.5	.5	1.0	.0	.5
31	11.0	10.5	10.5	---	---	---	2.0	.5	1.0	1.0	.0	.5
MONTH	16.0	9.5	13.0	12.0	5.0	8.5	6.5	.0	3.5	5.0	.0	1.0

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1.0	.0	.5	2.5	2.0	2.0	5.5	5.5	5.5	10.0	9.0	10.0
2	1.5	.0	.5	2.0	2.0	2.0	6.5	5.5	6.0	11.0	10.0	10.5
3	2.0	.0	.5	2.0	1.5	2.0	6.5	6.0	6.5	12.0	10.0	11.0
4	2.5	.0	.5	2.5	2.0	2.5	7.0	6.5	7.0	13.0	11.0	12.0
5	3.0	.0	.5	3.0	2.0	2.5	7.0	6.0	6.5	13.5	12.0	13.0
6	2.0	.0	.5	3.5	2.5	3.0	6.0	5.5	6.0	15.0	13.0	14.0
7	3.0	.0	1.0	4.0	2.5	3.5	6.0	5.5	6.0	16.5	14.0	15.0
8	2.5	.0	1.0	5.0	3.0	4.0	7.0	6.0	6.5	18.0	16.0	17.0
9	2.0	.0	1.0	6.0	4.0	5.0	7.5	7.0	7.5	19.0	17.0	18.0
10	2.0	.0	1.0	6.0	4.5	5.0	7.0	6.5	7.0	18.5	17.5	18.5
11	2.5	.5	1.0	5.0	4.0	4.5	6.5	6.0	6.5	17.5	16.0	17.0
12	2.0	.0	.5	4.0	3.0	3.5	6.5	6.0	6.0	16.0	15.5	16.0
13	1.5	.0	.5	3.0	2.5	2.5	6.0	6.0	6.0	15.5	14.0	15.0
14	---	---	---	3.0	2.5	3.0	6.5	6.0	6.5	14.0	13.0	13.5
15	---	---	---	3.5	3.0	3.5	7.5	6.5	7.0	14.0	13.0	13.5
16	---	---	---	4.5	3.5	4.0	8.5	7.0	8.0	13.5	13.0	13.5
17	2.0	.0	.5	5.0	4.0	4.5	9.0	8.5	9.0	14.5	13.5	14.0
18	2.0	.0	.5	4.0	3.5	3.5	9.0	8.5	8.5	15.0	14.0	14.5
19	2.0	.0	.5	3.5	3.0	3.5	9.0	8.5	8.5	15.0	14.0	14.5
20	2.5	.0	.5	4.0	3.5	3.5	9.5	8.5	9.0	14.0	13.0	13.5
21	4.0	.5	1.0	4.5	3.5	4.0	10.0	9.0	9.5	13.5	13.0	13.5
22	4.0	.5	1.5	4.5	4.0	4.0	9.0	8.5	9.0	13.5	13.0	13.0
23	3.5	1.0	1.5	5.5	4.0	4.5	8.5	7.5	8.0	13.5	13.0	13.5
24	4.5	1.5	2.0	7.0	5.5	6.0	8.0	7.5	8.0	14.5	13.0	14.0
25	4.5	2.0	3.0	7.0	6.0	6.5	8.5	8.0	8.0	15.5	14.0	15.0
26	4.0	2.5	3.0	7.5	6.5	7.0	8.5	7.5	8.0	16.5	15.0	15.5
27	3.0	2.5	3.0	8.0	7.0	7.5	8.0	7.5	7.5	16.5	15.5	16.0
28	3.0	3.0	3.0	8.0	7.5	7.5	8.0	7.5	8.0	16.5	15.5	16.0
29	3.0	2.5	3.0	7.5	7.0	7.5	8.5	8.0	8.0	16.5	16.0	16.0
30	---	---	---	7.0	6.0	6.5	9.5	8.0	9.0	17.0	16.0	16.5
31	---	---	---	6.0	5.5	5.5	---	---	---	18.0	16.0	17.0
MONTH	4.5	.0	1.0	8.0	1.5	4.5	10.0	5.5	7.5	19.0	9.0	14.5

TEMPERATURE, WATER (DEG. C), 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	19.0	17.0	18.0	24.5	23.5	24.0	21.5	21.0	21.0	27.0	24.5	25.0
2	20.5	18.5	19.5	25.0	23.5	24.0	22.0	21.0	21.5	25.5	24.5	25.0
3	20.5	19.5	20.0	25.0	24.0	24.5	22.5	21.5	22.0	25.0	24.5	25.0
4	21.0	19.5	20.0	26.0	24.5	25.0	23.5	21.0	22.5	25.5	25.0	25.0
5	20.5	19.5	20.0	26.5	25.0	25.5	24.0	22.5	23.0	25.0	24.0	24.5
6	20.0	18.5	19.0	26.0	25.0	25.5	23.5	23.0	23.0	24.5	23.5	23.5
7	18.5	15.5	17.0	25.8	25.0	25.4	24.0	23.0	23.5	23.5	22.5	23.0
8	16.0	15.0	15.5	25.0	24.5	24.5	24.5	23.5	24.0	22.5	21.5	22.0
9	16.0	15.0	15.5	24.5	24.0	24.5	25.5	24.0	24.5	22.5	21.5	22.0
10	17.5	16.0	16.5	24.5	24.0	24.0	25.5	24.5	25.0	23.0	22.0	22.0
11	19.0	17.0	18.5	25.5	24.0	24.5	25.5	24.5	25.0	23.0	22.0	22.5
12	19.5	18.5	19.0	25.5	24.0	24.5	25.0	24.0	24.5	23.5	22.5	23.0
13	19.0	18.0	18.5	26.0	24.5	25.0	24.0	22.0	23.0	23.5	23.0	23.0
14	18.0	17.0	17.5	26.0	24.5	25.0	22.0	21.0	21.5	24.0	23.0	23.5
15	17.0	16.5	16.5	25.5	24.5	24.5	21.5	20.5	21.0	23.5	21.0	23.0
16	18.5	16.0	17.0	25.0	24.5	24.5	22.5	21.0	21.5	23.0	22.0	22.0
17	20.5	18.0	19.0	25.5	24.0	24.5	22.5	21.5	22.0	22.0	20.5	21.5
18	20.5	19.5	20.0	24.0	21.5	23.0	22.5	21.5	22.0	21.0	20.0	20.5
19	20.5	19.5	20.0	22.5	21.0	22.0	22.0	21.0	21.5	20.5	20.0	20.5
20	21.5	20.0	20.5	23.0	22.0	22.5	21.5	21.0	21.5	21.5	20.0	20.5
21	21.5	20.5	21.0	23.0	22.0	22.5	22.0	21.0	21.5	21.5	20.5	21.0
22	22.5	21.0	21.5	24.5	23.0	23.5	22.5	21.0	21.5	21.5	21.0	21.0
23	23.0	21.0	22.0	24.5	23.0	24.0	22.5	21.5	22.0	21.0	20.5	20.5
24	23.5	22.5	23.0	25.0	23.5	24.5	23.0	21.5	22.0	20.5	20.0	20.0
25	24.0	23.0	23.5	25.0	23.5	24.0	23.0	21.5	22.0	20.0	19.5	19.5
26	25.0	23.5	24.0	25.0	23.5	24.0	23.0	22.0	22.5	19.5	18.0	18.5
27	25.5	24.0	24.5	23.5	23.0	23.5	23.5	22.5	23.0	18.5	17.5	18.0
28	25.5	24.5	25.0	23.0	21.5	22.0	24.5	22.5	23.5	18.0	16.5	17.5
29	26.0	24.0	24.0	21.5	21.0	21.0	24.0	23.0	23.5	19.5	13.0	16.5
30	24.5	23.0	24.0	21.5	21.0	21.0	24.5	23.0	23.5	17.0	16.0	16.5
31	---	---	---	22.0	21.0	21.0	25.5	24.0	24.5	---	---	---
MONTH	26.0	15.0	20.0	26.5	21.0	24.0	25.5	20.5	22.5	27.0	13.0	21.5
YEAR	27.0	.0	12.0									