

WATER-QUALITY RECORDS

PERIOD OF RECORD.--April 2002 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 2002 to current year.

pH: April 2002 to current year.

WATER TEMPERATURE: April 2002 to current year.

DISSOLVED OXYGEN: April 2002 to current year.

DISSOLVED OXYGEN, PERCENT SATURATION: April 2002 to current year.

INSTRUMENTATION.-- Water-quality monitor with satellite telemetry from April 2002 to current year.

REMARKS.--Station operated in cooperation with North Carolina Department of Environment and Natural Resources, Water Resources Division as part of the Piedmont/Mountains ground-water project. Dissolved oxygen, percent saturation, computed using a barometric pressure of 760 mm Hg..

EXTREMES FOR PERIOD OF DAILY RECORD.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE, microsiemens	456, July 10, 2002	5, August 8, 2003
pH, standard units	6.8, June 2, 6, July 29, 2003	4.8, June 29, 2002
WATER TEMPERATURE, °C	25.8, August 14, 2003	1.8, December 5, 2002
DISSOLVED OXYGEN, mg/L	19.5, June 20, 2002	<1.0, on several days during the period
DISSOLVED OXYGEN, PERCENT SATURATION,%	218, June 20, 2002	<10.0, on several days during the period

EXTREMES FOR CURRENT YEAR.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE, microsiemens	341, October 3	5, August 8
pH, standard units	6.8, June 2, 6, July 29	5.0, October 2-6
WATER TEMPERATURE, °C	25.8, August 14	1.8, December 5
DISSOLVED OXYGEN, mg/L	16.2, January 25	<1.0, October 3
DISSOLVED OXYGEN, PERCENT SATURATION,%	133, January 25	<10.0, October 3

0208762750 UNNAMED TRIB TO SWIFT CREEK NEAR YATES MILL POND, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR APRIL TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	---	---	---	139	88	103
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	154	91	101
4	---	---	---	---	---	---	---	---	---	95	72	84
5	---	---	---	---	---	---	---	---	---	101	75	83
6	---	---	---	---	---	---	---	---	---	132	82	94
7	---	---	---	---	---	---	---	---	---	197	86	125
8	---	---	---	---	---	---	---	---	---	200	91	135
9	---	---	---	---	---	---	---	---	---	241	123	192
10	---	---	---	---	---	---	97	69	79	249	171	221
11	---	---	---	---	---	---	90	79	83	233	88	120
12	---	---	---	---	---	---	92	81	85	235	95	166
13	---	---	---	---	---	---	95	83	87	239	77	195
14	---	---	---	---	---	---	100	84	91	186	74	100
15	---	---	---	---	---	---	139	87	101	162	86	106
16	---	---	---	---	---	---	99	86	93	165	84	117
17	---	---	---	---	---	---	106	89	95	237	120	188
18	---	---	---	---	---	---	127	89	102	230	77	146
19	---	---	---	---	---	---	176	92	116	91	77	82
20	---	---	---	---	---	---	155	92	113	106	79	87
21	---	---	---	---	---	---	181	93	119	94	78	83
22	---	---	---	---	---	---	121	99	107	103	78	85
23	---	---	---	---	---	---	141	97	105	126	80	94
24	---	---	---	---	---	---	128	89	98	151	91	110
25	---	---	---	---	---	---	121	90	99	251	90	132
26	---	---	---	---	---	---	124	88	95	261	90	151
27	---	---	---	---	---	---	153	86	105	274	114	172
28	---	---	---	---	---	---	193	92	132	275	109	192
29	---	---	---	---	---	---	215	98	129	257	127	192
30	---	---	---	---	---	---	147	87	97	276	165	212
31	---	---	---	---	---	---	---	---	---	260	109	192
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	274	138	203	108	99	103	327	310	317	128	85	115
2	271	130	217	---	---	---	331	302	315	172	125	133
3	281	229	257	---	---	---	330	311	320	304	137	214
4	295	157	235	---	---	---	341	309	324	326	229	304
5	304	268	284	---	---	---	---	---	---	336	318	327
6	306	286	297	---	---	---	---	---	---	331	308	324
7	298	233	266	---	---	---	---	---	---	335	306	321
8	257	143	208	---	---	---	---	---	---	336	322	329
9	214	108	142	445	406	422	---	---	---	339	318	328
10	240	115	173	456	425	436	---	---	---	336	319	327
11	290	160	238	---	---	---	---	---	---	332	319	326
12	312	211	273	---	---	---	---	---	---	330	306	320
13	334	221	289	384	351	370	354	339	347	322	97	213
14	327	272	305	400	367	384	356	337	346	327	319	322
15	324	222	287	400	374	386	348	328	337	331	90	261
16	286	99	192	428	379	395	344	317	332	327	62	182
17	313	137	233	420	377	392	339	293	316	314	221	287
18	293	123	214	408	341	376	309	63	234	319	308	314
19	229	109	158	368	349	360	241	102	214	322	311	317
20	154	19	103	363	348	355	---	---	---	319	308	314
21	173	19	117	372	350	361	---	---	---	324	308	315
22	104	11	64	373	314	344	---	---	---	327	319	324
23	240	11	57	326	314	321	---	---	---	328	304	317
24	225	54	185	330	38	272	342	334	339	323	251	294
25	202	52	151	290	88	231	348	338	342	323	210	281
26	70	14	47	286	46	175	347	334	341	323	235	301
27	59	16	26	309	272	289	347	212	318	330	317	323
28	92	22	69	312	292	301	331	286	317	329	316	322
29	93	29	68	313	294	302	337	305	327	332	306	320
30	104	90	100	313	301	308	338	46	173	325	253	301
31	---	---	---	326	307	314	278	47	122	---	---	---
MONTH	334	11	182	---	---	---	---	---	---	339	62	289

0208762750 UNNAMED TRIB TO SWIFT CREEK NEAR YATES MILL POND, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR APRIL TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	---	---	---	5.9	5.7	5.8
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	5.8	5.6	5.8
4	---	---	---	---	---	---	---	---	---	5.9	5.8	5.8
5	---	---	---	---	---	---	---	---	---	5.9	5.7	5.8
6	---	---	---	---	---	---	---	---	---	5.9	5.6	5.8
7	---	---	---	---	---	---	---	---	---	5.8	5.5	5.6
8	---	---	---	---	---	---	---	---	---	5.7	5.5	5.6
9	---	---	---	---	---	---	---	---	---	5.5	5.3	5.4
10	---	---	---	---	---	---	6.1	5.9	6.0	5.4	5.4	5.4
11	---	---	---	---	---	---	6.1	5.9	6.0	5.8	5.4	5.6
12	---	---	---	---	---	---	6.0	5.9	6.0	5.6	5.4	5.5
13	---	---	---	---	---	---	6.0	5.9	6.0	5.7	5.4	5.4
14	---	---	---	---	---	---	6.0	5.8	5.8	5.8	5.5	5.7
15	---	---	---	---	---	---	5.9	5.6	5.8	5.7	5.5	5.6
16	---	---	---	---	---	---	6.0	5.8	5.9	5.7	5.4	5.5
17	---	---	---	---	---	---	5.9	5.7	5.8	5.5	5.3	5.4
18	---	---	---	---	---	---	5.9	5.6	5.8	5.5	5.1	5.4
19	---	---	---	---	---	---	5.9	5.5	5.7	5.6	5.4	5.5
20	---	---	---	---	---	---	5.8	5.5	5.7	5.5	5.2	5.4
21	---	---	---	---	---	---	5.8	5.5	5.7	5.4	5.2	5.3
22	---	---	---	---	---	---	5.8	5.6	5.7	5.4	5.2	5.3
23	---	---	---	---	---	---	5.7	5.5	5.6	5.6	5.2	5.3
24	---	---	---	---	---	---	5.8	5.6	5.7	5.6	5.3	5.5
25	---	---	---	---	---	---	5.9	5.7	5.8	5.5	5.2	5.4
26	---	---	---	---	---	---	5.9	5.8	5.9	5.6	5.2	5.4
27	---	---	---	---	---	---	6.0	5.6	5.8	5.4	5.2	5.3
28	---	---	---	---	---	---	5.8	5.5	5.6	5.4	5.2	5.3
29	---	---	---	---	---	---	5.8	5.5	5.6	5.3	5.2	5.2
30	---	---	---	---	---	---	6.0	5.7	5.9	5.3	5.2	5.2
31	---	---	---	---	---	---	---	---	---	5.3	5.2	5.2
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
	JUNE			JULY			AUGUST			SEPTEMBER		
1	5.3	5.2	5.2	4.9	4.9	4.9	5.4	5.4	5.4	5.9	5.3	5.5
2	5.3	5.2	5.2	4.9	4.9	4.9	5.4	5.4	5.4	5.3	5.1	5.3
3	5.2	5.2	5.2	5.0	4.9	4.9	5.4	5.4	5.4	5.1	4.9	5.0
4	5.3	5.2	5.2	5.0	4.9	4.9	5.5	5.4	5.4	5.0	4.9	4.9
5	5.2	5.1	5.2	5.0	4.9	4.9	5.5	5.4	5.4	5.2	4.9	5.0
6	5.2	5.1	5.1	4.9	4.9	4.9	5.5	5.3	5.4	5.2	5.2	5.2
7	5.3	5.1	5.2	5.0	4.9	4.9	5.5	5.3	5.4	5.2	5.2	5.2
8	5.6	5.3	5.4	---	---	---	5.4	5.3	5.4	5.2	5.2	5.2
9	5.7	5.3	5.5	---	---	---	5.4	5.2	5.3	5.2	5.2	5.2
10	5.6	5.2	5.4	5.4	5.2	5.3	5.4	5.2	5.3	5.2	5.2	5.2
11	5.4	5.1	5.2	---	---	---	5.4	5.2	5.3	5.2	5.2	5.2
12	5.3	5.1	5.2	---	---	---	5.4	5.2	5.3	5.2	5.2	5.2
13	5.3	5.2	5.3	5.2	5.2	5.2	5.3	5.2	5.3	5.5	5.2	5.3
14	5.3	5.2	5.3	5.2	5.2	5.2	5.3	5.2	5.3	5.2	5.2	5.2
15	5.4	5.3	5.3	5.2	5.2	5.2	5.3	5.2	5.2	5.7	5.2	5.3
16	5.7	5.3	5.5	5.2	5.2	5.2	5.2	5.2	5.2	6.1	5.2	5.4
17	5.5	5.2	5.3	5.2	5.1	5.1	5.2	5.2	5.2	5.2	5.2	5.2
18	5.4	5.2	5.3	5.1	5.1	5.1	6.0	5.2	5.3	5.2	5.2	5.2
19	5.4	5.1	5.2	5.1	5.1	5.1	5.5	5.1	5.2	5.2	5.2	5.2
20	5.2	5.1	5.2	5.1	5.1	5.1	5.1	5.1	5.1	5.2	5.2	5.2
21	5.2	5.1	5.2	5.1	5.1	5.1	5.1	5.1	5.1	5.2	5.2	5.2
22	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.1	5.1	5.2	5.2	5.2
23	5.2	5.1	5.2	5.2	5.2	5.2	---	---	---	5.2	5.0	5.1
24	5.2	5.0	5.1	5.9	5.2	5.3	5.2	5.2	5.2	5.1	5.1	5.1
25	5.1	5.0	5.0	5.4	5.2	5.4	5.2	5.1	5.1	5.2	5.1	5.1
26	5.1	5.0	5.1	6.1	5.2	5.4	5.1	5.1	5.1	5.2	5.1	5.1
27	5.5	5.0	5.1	5.4	5.4	5.4	5.2	5.1	5.1	5.1	5.1	5.1
28	5.5	5.0	5.1	5.4	5.4	5.4	5.1	5.1	5.1	5.1	5.1	5.1
29	5.3	4.8	5.0	5.4	5.4	5.4	5.1	5.0	5.0	5.1	5.1	5.1
30	4.9	4.9	4.9	5.4	5.4	5.4	6.0	5.0	5.3	5.2	5.1	5.1
31	---	---	---	5.4	5.4	5.4	6.0	5.0	5.5	---	---	---
MONTH	5.7	4.8	5.2	---	---	---	---	---	---	6.1	4.9	5.2

0208762750 UNNAMED TRIB TO SWIFT CREEK NEAR YATES MILL POND, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR APRIL TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	---	---	---	18.8	15.1	16.6
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	18.3	16.0	17.2
4	---	---	---	---	---	---	---	---	---	16.0	14.1	15.0
5	---	---	---	---	---	---	---	---	---	16.4	13.7	14.8
6	---	---	---	---	---	---	---	---	---	17.7	13.4	15.5
7	---	---	---	---	---	---	---	---	---	19.3	15.7	17.1
8	---	---	---	---	---	---	---	---	---	19.7	16.8	17.9
9	---	---	---	---	---	---	---	---	---	18.8	17.1	17.8
10	---	---	---	---	---	---	16.7	14.7	15.7	18.6	17.1	17.7
11	---	---	---	---	---	---	17.2	13.0	15.0	18.6	15.9	17.2
12	---	---	---	---	---	---	17.1	14.2	15.4	19.0	16.2	17.4
13	---	---	---	---	---	---	18.1	14.7	16.4	18.9	17.5	18.1
14	---	---	---	---	---	---	19.4	15.2	17.1	18.5	15.3	16.7
15	---	---	---	---	---	---	20.0	16.1	17.7	18.1	14.2	15.7
16	---	---	---	---	---	---	21.1	16.4	18.4	18.3	13.9	15.8
17	---	---	---	---	---	---	21.4	16.7	18.7	18.9	16.1	17.2
18	---	---	---	---	---	---	20.8	16.9	18.7	18.1	15.2	17.2
19	---	---	---	---	---	---	20.1	17.3	18.4	16.2	13.7	14.7
20	---	---	---	---	---	---	19.8	17.2	18.3	16.8	12.5	14.1
21	---	---	---	---	---	---	19.2	16.9	18.1	15.6	13.2	14.2
22	---	---	---	---	---	---	18.9	16.2	17.8	16.9	12.7	14.2
23	---	---	---	---	---	---	17.7	14.4	15.8	17.4	12.2	14.3
24	---	---	---	---	---	---	17.3	13.3	15.2	18.2	13.0	15.3
25	---	---	---	---	---	---	18.2	15.1	16.5	19.1	15.0	16.8
26	---	---	---	---	---	---	16.6	13.4	15.0	18.9	15.7	17.3
27	---	---	---	---	---	---	16.8	13.0	15.0	19.6	16.2	17.6
28	---	---	---	---	---	---	18.8	15.7	17.1	19.3	16.0	17.4
29	---	---	---	---	---	---	19.3	15.8	17.6	18.6	16.7	17.6
30	---	---	---	---	---	---	17.6	13.7	15.4	19.6	17.3	18.2
31	---	---	---	---	---	---	---	---	---	20.0	17.4	18.5
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	20.0	17.9	18.8	20.2	18.4	19.1	20.8	19.0	19.8	21.1	20.0	20.5
2	20.1	17.9	18.8	20.2	18.4	19.1	20.5	19.1	19.6	20.0	19.2	19.7
3	20.2	17.8	18.8	20.3	18.4	19.2	21.1	19.0	19.7	19.7	18.4	19.0
4	20.0	17.8	18.7	20.2	18.5	19.2	21.0	19.0	19.8	19.7	18.7	19.1
5	20.1	18.0	18.8	20.0	18.5	19.2	21.2	19.1	19.9	19.3	18.7	19.0
6	20.1	18.0	18.9	20.7	18.7	19.5	20.8	19.2	19.9	19.2	18.5	18.8
7	20.6	18.3	19.2	20.4	18.6	19.4	20.9	18.8	19.6	19.1	18.5	18.8
8	20.5	16.7	18.1	20.0	18.6	19.3	20.3	17.7	18.9	19.1	18.5	18.8
9	20.1	15.4	17.4	20.1	18.6	19.2	20.0	17.3	18.7	19.4	18.6	18.9
10	20.0	15.7	17.7	20.3	18.9	19.5	20.2	17.6	18.9	19.3	18.6	18.9
11	20.4	17.1	18.6	---	---	---	20.3	18.3	19.2	19.4	18.6	18.9
12	20.7	18.0	19.1	---	---	---	19.9	18.9	19.3	19.1	18.4	18.8
13	20.7	18.5	19.4	20.1	18.5	19.2	20.1	18.7	19.2	18.7	16.8	17.9
14	20.0	18.4	19.2	20.3	18.6	19.3	19.7	18.8	19.2	18.8	18.4	18.5
15	21.2	18.4	19.4	21.0	18.7	19.6	19.7	18.7	19.1	21.0	18.5	19.1
16	20.5	16.8	18.5	21.0	18.9	19.8	19.7	18.7	19.1	22.5	18.6	20.3
17	20.5	17.9	19.1	20.8	19.1	19.8	19.9	18.8	19.2	19.6	18.8	19.2
18	19.9	17.9	18.9	20.8	19.0	19.8	25.2	18.8	19.9	19.3	18.7	18.9
19	20.7	17.9	19.1	20.8	19.3	20.0	21.1	19.1	19.7	19.4	18.6	18.9
20	20.9	18.1	19.1	20.6	19.2	19.8	19.7	18.8	19.1	19.3	18.6	18.9
21	20.7	17.9	19.0	21.2	19.2	20.0	19.8	18.8	19.2	19.1	18.6	18.8
22	19.5	18.1	18.7	20.8	19.3	19.9	20.0	18.9	19.4	19.2	18.6	18.8
23	19.5	17.9	18.5	20.2	18.9	19.5	20.2	19.0	19.5	19.4	18.5	18.9
24	20.7	17.9	18.9	25.1	18.9	20.3	19.9	19.1	19.5	19.2	18.4	18.8
25	20.2	18.2	19.0	21.8	19.2	20.2	20.1	19.1	19.5	19.2	18.3	18.8
26	19.5	18.3	18.8	23.3	18.9	20.8	19.7	19.1	19.4	19.0	18.5	18.7
27	22.5	18.1	19.2	20.1	18.8	19.3	20.5	19.0	19.3	19.3	18.5	18.9
28	22.8	18.8	19.7	20.9	18.7	19.5	19.8	19.0	19.2	19.6	18.7	19.1
29	21.4	19.2	20.1	20.8	18.9	19.6	19.3	18.8	19.0	19.4	18.7	19.0
30	20.4	18.4	19.2	20.9	18.9	19.7	20.9	18.8	19.6	19.2	18.2	18.8
31	---	---	---	20.9	19.0	19.8	---	---	---	---	---	---
MONTH	22.8	15.4	18.9	---	---	---	25.2	17.3	19.4	22.5	16.8	19.0

0208762750 UNNAMED TRIB TO SWIFT CREEK NEAR YATES MILL POND, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR APRIL TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	---	---	---	6.9	5.1	6.1
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	7.1	4.4	6.0
4	---	---	---	---	---	---	---	---	---	6.9	5.9	6.4
5	---	---	---	---	---	---	---	---	---	7.4	6.3	6.8
6	---	---	---	---	---	---	---	---	---	7.2	4.9	6.5
7	---	---	---	---	---	---	---	---	---	6.4	3.0	5.4
8	---	---	---	---	---	---	---	---	---	6.2	3.6	5.2
9	---	---	---	---	---	---	---	---	---	5.2	2.2	4.1
10	---	---	---	---	---	---	8.9	6.8	7.8	4.2	2.0	3.3
11	---	---	---	---	---	---	9.4	6.8	7.9	7.3	3.7	6.1
12	---	---	---	---	---	---	9.0	6.6	7.5	6.2	3.2	5.1
13	---	---	---	---	---	---	8.7	6.3	7.4	6.1	2.6	4.3
14	---	---	---	---	---	---	8.2	6.0	7.0	7.0	3.6	6.0
15	---	---	---	---	---	---	8.2	5.7	6.7	7.1	4.9	6.4
16	---	---	---	---	---	---	7.9	5.9	6.7	7.3	5.0	6.5
17	---	---	---	---	---	---	7.6	5.8	6.6	5.6	3.1	4.5
18	---	---	---	---	---	---	7.3	5.8	6.4	7.8	2.7	5.5
19	---	---	---	---	---	---	7.3	5.5	6.2	9.5	7.2	8.3
20	---	---	---	---	---	---	6.9	5.7	6.2	9.0	7.6	8.2
21	---	---	---	---	---	---	6.9	5.7	6.2	9.6	7.6	8.5
22	---	---	---	---	---	---	7.2	5.6	6.5	9.0	7.7	8.3
23	---	---	---	---	---	---	7.8	6.2	7.0	9.1	6.5	8.0
24	---	---	---	---	---	---	8.5	6.7	7.5	8.6	6.6	7.4
25	---	---	---	---	---	---	7.7	6.3	6.9	7.8	4.4	6.7
26	---	---	---	---	---	---	8.5	6.4	7.2	7.6	4.3	6.1
27	---	---	---	---	---	---	8.3	4.8	6.9	6.8	2.4	5.2
28	---	---	---	---	---	---	6.6	4.3	5.7	6.4	2.4	4.8
29	---	---	---	---	---	---	6.2	2.8	4.9	5.4	3.1	4.2
30	---	---	---	---	---	---	7.3	5.5	6.4	5.3	2.2	3.8
31	---	---	---	---	---	---	---	---	---	5.7	2.1	4.4
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5.0	2.1	3.8	5.7	0.9	2.7	3.9	1.1	2.1	6.8	5.7	6.2
2	5.5	1.9	3.9	5.5	0.9	2.5	5.2	1.1	2.7	5.8	3.4	5.5
3	5.0	1.4	2.9	4.0	1.0	2.1	6.3	1.2	3.2	4.6	0.4	2.7
4	5.5	1.5	3.3	3.4	1.0	2.0	10.3	1.3	3.7	1.7	0.2	0.6
5	4.8	0.9	2.4	2.6	1.1	1.7	12.0	1.4	5.4	0.9	0.1	0.4
6	4.2	0.7	2.1	2.6	1.1	1.7	18.2	1.6	7.2	1.3	0.2	0.6
7	5.2	1.8	3.2	2.5	1.1	1.6	13.4	1.7	5.5	0.9	0.2	0.5
8	6.5	2.9	4.6	---	---	---	13.3	2.4	6.4	1.1	0.1	0.5
9	6.8	4.5	5.7	0.4	0.2	0.3	16.0	2.5	7.5	1.2	0.2	0.5
10	6.5	4.4	5.7	0.5	0.3	0.4	15.0	2.9	6.8	1.2	0.2	0.5
11	5.4	2.0	4.0	---	---	---	9.6	2.7	5.0	1.4	0.2	0.6
12	5.3	1.3	3.3	---	---	---	7.6	2.0	3.9	1.3	0.2	0.6
13	5.1	1.0	3.3	2.3	1.1	1.6	5.7	0.6	2.5	6.2	0.3	3.7
14	5.5	1.0	2.9	2.6	1.1	1.6	2.8	0.4	1.4	1.1	0.4	0.7
15	6.1	0.8	3.3	3.1	1.2	1.9	2.5	0.2	1.0	6.2	0.3	1.8
16	7.6	3.8	5.4	3.1	1.3	2.0	2.2	0.2	0.8	6.8	0.3	3.6
17	8.3	3.7	5.3	3.1	1.5	2.1	1.4	0.2	0.5	2.3	0.4	1.2
18	14.2	3.2	6.9	3.5	1.6	2.2	6.0	0.1	1.4	1.4	0.3	0.6
19	12.6	3.9	7.0	3.8	1.8	2.3	4.4	0.2	1.2	1.6	0.3	0.8
20	19.5	0.8	7.4	3.7	1.9	2.3	1.1	0.1	0.4	1.5	0.4	0.7
21	15.1	1.0	6.0	4.1	2.1	2.8	1.3	0.1	0.4	1.1	0.4	0.6
22	15.4	0.7	5.8	4.0	2.2	2.6	1.3	0.1	0.4	0.8	0.4	0.5
23	15.1	0.8	5.3	3.3	0.7	1.8	2.0	0.1	0.7	2.1	0.3	1.0
24	18.7	0.8	6.2	8.2	0.7	2.8	1.4	0.2	0.7	2.9	0.4	1.4
25	17.2	1.0	5.4	6.9	1.3	2.9	1.5	0.1	0.6	3.3	0.3	1.7
26	13.2	1.0	5.1	7.8	0.8	4.7	1.4	0.1	0.6	2.6	0.2	0.7
27	13.5	0.7	3.9	2.4	0.7	1.3	1.9	0.1	0.5	1.4	0.2	0.6
28	6.4	0.8	3.3	3.3	0.8	1.5	0.7	0.1	0.3	1.9	0.3	0.8
29	6.1	1.6	4.1	2.1	0.8	1.4	1.2	0.1	0.5	1.3	0.3	0.6
30	4.4	0.8	2.2	2.6	0.9	1.5	6.7	0.2	3.6	2.4	0.4	1.2
31	---	---	---	3.1	1.0	1.7	7.0	0.5	5.3	---	---	---
MONTH	19.5	0.7	4.5	---	---	---	18.2	0.1	2.7	6.8	0.1	1.4

0208762750 UNNAMED TRIB TO SWIFT CREEK NEAR YATES MILL POND, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR APRIL TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	---	---	---	72	54	62
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	74	46	62
4	---	---	---	---	---	---	---	---	---	69	60	64
5	---	---	---	---	---	---	---	---	---	75	62	68
6	---	---	---	---	---	---	---	---	---	72	50	65
7	---	---	---	---	---	---	---	---	---	65	31	56
8	---	---	---	---	---	---	---	---	---	67	38	55
9	---	---	---	---	---	---	---	---	---	54	23	43
10	---	---	---	---	---	---	92	68	78	44	21	35
11	---	---	---	---	---	---	98	67	78	78	39	64
12	---	---	---	---	---	---	93	66	75	64	34	53
13	---	---	---	---	---	---	92	64	75	65	27	45
14	---	---	---	---	---	---	89	62	72	74	37	62
15	---	---	---	---	---	---	90	60	71	73	51	65
16	---	---	---	---	---	---	89	62	71	75	52	66
17	---	---	---	---	---	---	86	62	71	57	32	47
18	---	---	---	---	---	---	82	62	69	82	28	57
19	---	---	---	---	---	---	79	59	66	96	71	82
20	---	---	---	---	---	---	75	60	66	93	72	80
21	---	---	---	---	---	---	74	61	66	96	73	83
22	---	---	---	---	---	---	77	59	68	93	75	81
23	---	---	---	---	---	---	81	63	71	95	65	79
24	---	---	---	---	---	---	88	67	75	91	66	74
25	---	---	---	---	---	---	81	63	71	84	46	69
26	---	---	---	---	---	---	87	63	72	82	46	64
27	---	---	---	---	---	---	84	49	68	74	25	54
28	---	---	---	---	---	---	71	45	60	69	25	50
29	---	---	---	---	---	---	66	30	51	56	32	44
30	---	---	---	---	---	---	76	57	65	58	23	41
31	---	---	---	---	---	---	---	---	---	62	22	47
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	55	22	41	63	10	30	43	12	23	77	63	69
2	61	20	42	61	10	27	58	12	30	64	37	60
3	55	15	31	44	11	23	70	13	35	49	4	29
4	61	16	36	38	11	21	116	14	41	18	2	6
5	53	10	27	29	12	18	135	15	60	10	1	4
6	46	7	22	29	12	18	204	17	79	14	2	6
7	57	19	35	28	12	18	150	18	60	10	2	5
8	72	30	49	---	---	---	147	26	70	12	1	5
9	75	48	60	---	---	---	176	26	82	13	2	6
10	72	46	60	---	---	---	165	31	74	13	2	6
11	60	21	43	---	---	---	107	29	54	15	2	6
12	59	14	36	---	---	---	84	22	43	14	2	6
13	57	11	36	25	12	18	63	6	27	64	3	39
14	61	11	32	29	12	18	31	4	16	12	4	7
15	68	9	36	35	13	21	27	2	10	70	3	20
16	85	40	57	35	14	22	24	2	9	79	3	40
17	92	40	58	35	16	23	15	2	6	25	4	13
18	156	34	75	39	17	25	73	1	16	15	3	7
19	139	41	76	43	20	26	50	2	13	17	3	8
20	218	8	81	41	21	26	12	1	4	16	4	8
21	168	11	66	46	23	31	14	1	5	12	4	6
22	167	7	62	45	24	29	14	1	4	9	4	5
23	165	8	58	37	8	19	22	1	8	23	3	10
24	209	8	68	99	8	32	15	2	7	31	4	15
25	190	11	59	78	14	32	17	1	7	36	3	18
26	144	11	55	92	9	53	15	1	7	28	2	8
27	149	7	43	26	8	14	21	1	5	15	2	7
28	75	9	36	37	9	17	8	1	3	21	3	9
29	69	17	45	23	9	15	13	1	5	14	3	6
30	49	9	24	29	10	17	75	2	40	26	4	13
31	---	---	---	34	11	19	79	5	59	---	---	---
MONTH	218	7	48	---	---	---	204	1	29	79	1	15

0208762750 UNNAMED TRIB TO SWIFT CREEK NEAR YATES MILL POND, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	328	312	323	94	92	93	74	72	73	94	47	60
2	335	312	327	94	92	93	73	71	72	70	65	68
3	341	326	331	94	92	93	72	70	71	75	64	69
4	336	324	330	93	89	91	72	68	71	74	72	73
5	339	329	334	91	79	86	72	45	62	72	71	71
6	338	248	318	88	51	71	70	64	67	71	69	71
7	336	326	331	86	80	83	72	68	71	71	68	70
8	335	94	185	87	85	86	74	72	73	71	68	70
9	254	129	188	88	85	86	74	73	73	72	68	70
10	323	189	262	88	86	87	74	73	73	71	67	70
11	337	41	190	88	84	86	75	59	70	72	65	69
12	109	107	108	87	52	70	74	72	73	71	65	69
13	113	106	109	76	57	67	76	34	57	72	65	69
14	106	101	102	82	76	79	66	53	61	71	69	70
15	101	97	99	85	82	84	71	66	69	71	66	69
16	98	87	92	90	79	85	71	70	71	71	64	68
17	98	95	96	99	70	83	71	71	71	70	62	67
18	99	95	97	89	79	81	71	70	71	71	62	67
19	104	95	98	83	82	82	71	69	71	71	63	68
20	114	95	100	83	82	82	76	56	70	71	62	68
21	114	39	81	83	81	82	76	72	75	70	65	69
22	97	75	89	82	81	82	74	71	72	72	59	67
23	99	95	97	81	79	80	73	69	72	279	68	110
24	97	95	96	79	78	79	74	45	66	87	67	73
25	97	94	95	79	77	78	66	54	61	86	65	72
26	95	92	93	78	76	77	69	65	67	82	66	72
27	95	92	93	78	76	77	72	68	70	68	67	68
28	95	65	88	76	74	75	72	71	71	70	67	68
29	104	73	94	75	73	74	74	71	72	70	66	68
30	104	43	77	75	73	74	74	71	72	75	50	65
31	92	86	89	---	---	---	74	70	72	74	65	71
MONTH	341	39	162	99	51	82	76	34	70	279	47	70
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	76	74	75	74	34	66	81	78	79	92	85	88
2	76	74	75	65	25	52	81	77	79	97	84	88
3	78	76	76	70	65	68	81	76	79	91	84	86
4	78	71	76	71	70	70	83	79	81	89	84	86
5	78	75	76	72	63	69	83	72	79	86	83	84
6	77	52	72	74	15	48	84	79	80	87	72	80
7	75	41	58	66	58	63	86	51	73	88	82	85
8	73	67	71	69	65	67	79	52	75	95	87	91
9	74	72	73	71	68	70	68	39	55	99	86	92
10	78	53	65	71	69	70	68	33	43	102	92	96
11	71	65	69	72	70	71	72	54	65	104	94	98
12	74	69	72	78	68	73	75	69	72	100	90	95
13	78	67	73	78	72	77	79	74	77	97	88	93
14	75	69	73	77	71	76	80	77	78	98	86	92
15	74	70	72	77	76	77	82	78	79	95	80	89
16	73	66	71	101	37	72	83	78	80	88	80	83
17	73	66	71	77	73	76	84	79	81	87	84	85
18	74	44	65	78	77	78	84	78	80	85	71	81
19	72	64	68	78	76	77	79	77	78	81	63	74
20	79	70	73	94	32	57	82	77	80	85	78	81
21	78	74	76	72	60	67	83	78	80	84	77	80
22	76	34	66	76	71	74	83	77	80	83	54	70
23	74	71	73	78	76	77	83	79	81	77	67	73
24	77	74	75	79	77	78	85	79	82	83	77	80
25	77	76	76	79	77	78	83	60	76	83	62	77
26	77	74	76	80	77	78	83	69	76	85	79	81
27	79	28	54	79	78	78	87	76	82	87	81	83
28	66	42	58	79	77	78	90	83	86	90	82	85
29	---	---	---	79	76	78	93	84	87	91	81	85
30	---	---	---	79	61	73	94	85	88	102	82	87
31	---	---	---	81	77	80	---	---	---	99	75	87
MONTH	79	28	71	101	15	71	94	33	77	104	54	85

0208762750 UNNAMED TRIB TO SWIFT CREEK NEAR YATES MILL POND, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	90	78	84	93	80	89	106	67	88	87	73	80
2	130	85	95	98	32	65	94	63	81	98	85	91
3	104	71	86	80	60	73	92	78	85	102	93	96
4	90	81	83	97	80	86	97	90	92	103	94	98
5	92	83	87	101	89	94	109	61	90	101	94	96
6	114	71	86	102	92	97	99	88	92	100	95	97
7	89	47	78	104	91	97	104	87	96	99	94	96
8	82	50	71	105	94	99	99	5	52	97	65	88
9	87	72	79	107	95	102	58	24	51	97	88	93
10	96	82	87	109	95	103	---	---	---	99	93	95
11	100	86	90	104	90	99	---	---	---	100	93	97
12	103	70	86	102	87	93	---	---	---	99	92	95
13	100	83	88	98	91	94	---	---	---	95	91	93
14	103	85	91	108	90	101	---	---	---	96	88	92
15	110	54	85	106	96	100	46	36	41	97	90	93
16	82	40	63	111	98	102	49	46	47	100	93	95
17	73	62	69	109	99	103	54	49	51	100	92	95
18	101	51	76	106	96	100	58	50	54	100	69	88
19	101	69	75	106	98	101	57	50	54	88	78	83
20	96	75	85	101	97	99	64	57	60	94	86	89
21	92	84	87	103	95	99	67	63	65	97	91	94
22	97	87	91	107	98	103	68	65	67	98	86	93
23	98	88	92	107	90	99	70	67	68	113	63	84
24	101	89	95	159	90	102	74	70	73	90	83	87
25	100	88	94	122	93	101	74	70	72	93	86	89
26	102	87	92	104	95	100	118	73	95	94	89	92
27	98	83	89	105	92	97	110	101	105	94	91	92
28	93	80	87	104	93	98	110	102	105	94	90	92
29	106	79	95	136	72	97	109	99	105	95	90	92
30	106	79	94	107	67	83	109	99	105	92	89	91
31	---	---	---	91	82	87	118	53	88	---	---	---
MONTH	130	40	85	159	32	96	---	---	---	113	63	92

0208762750 UNNAMED TRIB TO SWIFT CREEK NEAR YATES MILL POND, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	5.1	5.1	5.1	5.4	5.3	5.4	5.4	5.4	5.4	6.2	5.6	5.7
2	5.2	5.0	5.1	5.3	5.3	5.3	5.4	5.4	5.4	5.7	5.6	5.7
3	5.1	5.0	5.0	5.3	5.2	5.3	5.4	5.4	5.4	5.8	5.7	5.7
4	5.1	5.0	5.1	5.4	5.2	5.3	5.5	5.4	5.4	5.7	5.7	5.7
5	5.1	5.0	5.1	5.5	5.3	5.4	5.9	5.5	5.6	5.7	5.6	5.6
6	5.1	5.0	5.1	6.2	5.4	5.6	5.5	5.4	5.4	5.7	5.6	5.6
7	5.1	5.1	5.1	5.5	5.5	5.5	5.4	5.4	5.4	5.6	5.6	5.6
8	5.5	5.1	5.3	5.5	5.4	5.5	5.4	5.4	5.4	5.7	5.6	5.6
9	5.3	5.1	5.2	5.5	5.4	5.4	5.4	5.4	5.4	5.7	5.6	5.7
10	5.2	5.1	5.1	5.5	5.4	5.4	5.4	5.4	5.4	5.7	5.6	5.6
11	6.1	5.1	5.4	5.5	5.4	5.5	5.5	5.4	5.5	5.7	5.6	5.6
12	5.5	5.4	5.5	6.2	5.5	5.7	5.5	5.4	5.5	5.6	5.6	5.6
13	5.5	5.4	5.5	6.0	5.5	5.7	5.8	5.4	5.6	5.7	5.6	5.6
14	5.5	5.4	5.5	5.6	5.5	5.5	5.5	5.5	5.5	5.7	5.6	5.6
15	5.6	5.4	5.5	5.6	5.4	5.5	5.5	5.5	5.5	5.7	5.6	5.6
16	5.7	5.4	5.5	5.6	5.4	5.5	5.5	5.4	5.5	5.7	5.6	5.6
17	5.5	5.4	5.4	5.9	5.5	5.6	5.5	5.5	5.5	5.7	5.6	5.7
18	5.5	5.3	5.4	5.8	5.5	5.5	5.5	5.5	5.5	5.7	5.6	5.6
19	5.4	5.3	5.3	5.5	5.5	5.5	5.6	5.5	5.5	5.7	5.6	5.6
20	5.4	5.2	5.3	5.5	5.5	5.5	5.8	5.6	5.7	5.7	5.6	5.6
21	5.8	5.2	5.4	5.5	5.4	5.5	5.7	5.6	5.7	5.7	5.6	5.6
22	5.6	5.4	5.4	5.5	5.5	5.5	5.6	5.5	5.6	5.7	5.6	5.6
23	5.5	5.4	5.5	5.5	5.4	5.5	5.6	5.5	5.5	6.7	5.6	6.0
24	5.4	5.4	5.4	5.5	5.4	5.4	6.2	5.5	5.7	5.9	5.7	5.7
25	5.4	5.3	5.4	5.5	5.4	5.4	5.9	5.6	5.7	5.9	5.6	5.7
26	5.4	5.3	5.4	5.5	5.4	5.4	5.6	5.6	5.6	5.9	5.6	5.7
27	5.4	5.3	5.4	5.5	5.4	5.4	5.6	5.6	5.6	5.7	5.6	5.7
28	5.7	5.3	5.5	5.4	5.4	5.4	5.6	5.6	5.6	5.7	5.6	5.7
29	5.6	5.5	5.6	5.4	5.4	5.4	5.6	5.6	5.6	5.7	5.6	5.7
30	6.0	5.4	5.5	5.4	5.4	5.4	5.6	5.6	5.6	6.2	5.6	5.9
31	5.4	5.4	5.4	---	---	---	5.6	5.6	5.6	6.0	5.9	5.9
MONTH	6.1	5.0	5.3	6.2	5.2	5.5	6.2	5.4	5.5	6.7	5.6	5.7
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5.9	5.7	5.8	6.3	5.8	5.8	6.3	6.0	6.1	5.7	5.6	5.7
2	5.7	5.5	5.6	6.3	5.8	5.9	6.2	6.0	6.1	5.7	5.6	5.7
3	5.6	5.4	5.5	5.9	5.8	5.8	6.2	6.0	6.0	5.7	5.6	5.7
4	5.7	5.6	5.6	5.9	5.8	5.8	6.1	6.0	6.0	5.7	5.7	5.7
5	5.7	5.6	5.6	6.0	5.8	5.9	6.1	6.0	6.0	5.7	5.6	5.7
6	5.8	5.6	5.7	6.2	5.9	6.0	6.1	6.0	6.1	5.8	5.7	5.7
7	6.2	5.7	5.8	5.9	5.9	5.9	6.3	6.0	6.1	5.7	5.6	5.7
8	5.8	5.7	5.7	5.9	5.9	5.9	6.1	6.1	6.1	5.8	5.7	5.7
9	5.8	5.7	5.7	6.0	5.9	5.9	6.3	6.0	6.1	5.8	5.7	5.7
10	6.2	5.7	5.8	6.0	5.9	5.9	6.5	6.0	6.3	5.8	5.7	5.8
11	5.8	5.7	5.7	6.0	5.9	6.0	6.5	6.1	6.2	5.9	5.7	5.8
12	5.8	5.7	5.7	6.0	5.9	5.9	6.1	6.0	6.1	5.8	5.7	5.8
13	5.8	5.7	5.7	6.0	6.0	6.0	6.2	6.1	6.1	5.8	5.7	5.7
14	5.8	5.7	5.7	6.0	6.0	6.0	6.2	6.1	6.2	5.8	5.6	5.7
15	5.8	5.7	5.7	6.1	6.0	6.0	6.2	6.1	6.2	5.7	5.6	5.7
16	5.8	5.7	5.7	6.6	6.0	6.2	6.2	6.1	6.2	5.7	5.7	5.7
17	5.8	5.7	5.8	6.2	6.1	6.1	6.2	5.3	5.8	5.7	5.7	5.7
18	6.3	5.7	5.8	6.2	6.1	6.1	5.6	5.5	5.6	5.8	5.7	5.7
19	5.8	5.7	5.8	6.1	6.0	6.1	5.6	5.5	5.6	5.8	5.7	5.8
20	5.9	5.8	5.8	6.7	5.9	6.2	5.7	5.6	5.6	6.0	5.7	5.9
21	5.9	5.8	5.8	6.0	5.9	5.9	5.6	5.5	5.6	6.1	6.0	6.0
22	6.2	5.8	5.9	6.0	5.9	6.0	5.6	5.6	5.6	6.3	6.0	6.2
23	5.9	5.8	5.8	6.1	6.0	6.0	5.6	5.5	5.6	6.3	6.2	6.3
24	5.8	5.8	5.8	6.1	6.0	6.0	5.7	5.5	5.6	6.2	6.1	6.2
25	5.9	5.8	5.8	6.1	6.0	6.0	5.7	5.6	5.6	6.3	6.1	6.2
26	5.9	5.8	5.8	6.2	6.0	6.1	5.8	5.6	5.7	6.2	6.1	6.2
27	6.2	5.9	6.0	6.2	6.0	6.1	5.8	5.7	5.7	6.2	6.1	6.2
28	6.0	5.8	5.8	6.2	6.0	6.0	5.7	5.7	5.7	6.2	6.0	6.1
29	---	---	---	6.2	6.0	6.1	5.7	5.6	5.7	6.1	6.0	6.1
30	---	---	---	6.2	6.1	6.1	5.7	5.6	5.7	6.2	6.1	6.1
31	---	---	---	6.3	6.1	6.2	---	---	---	6.2	6.1	6.2
MONTH	6.3	5.4	5.7	6.7	5.8	6.0	6.5	5.3	5.9	6.3	5.6	5.9

0208762750 UNNAMED TRIB TO SWIFT CREEK NEAR YATES MILL POND, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS—CONTINUED
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.1	6.0	6.1	6.1	5.9	6.0	6.5	6.0	6.2	6.1	6.0	6.1
2	6.8	6.0	6.2	6.4	5.8	6.0	6.4	6.1	6.3	6.1	6.0	6.0
3	6.7	6.1	6.2	5.8	5.6	5.7	6.3	6.1	6.2	6.0	6.0	6.0
4	6.1	6.0	6.1	5.7	5.6	5.6	6.2	6.2	6.2	6.1	6.0	6.0
5	6.1	6.0	6.1	5.7	5.5	5.6	6.5	5.7	6.0	6.0	5.9	6.0
6	6.8	6.0	6.2	5.6	5.4	5.6	5.7	5.6	5.7	6.0	5.9	6.0
7	6.5	6.0	6.1	5.6	5.4	5.5	5.8	5.6	5.7	6.0	5.9	5.9
8	6.5	6.1	6.2	5.5	5.4	5.4	6.3	5.8	5.9	6.1	5.9	5.9
9	6.2	6.0	6.1	5.6	5.4	5.4	6.2	5.8	5.9	5.9	5.9	5.9
10	6.1	6.0	6.0	6.1	5.4	5.6	6.3	5.8	6.0	5.9	5.5	5.7
11	6.1	5.9	6.0	5.8	5.6	5.7	6.0	5.8	5.8	5.7	5.6	5.6
12	6.2	5.9	6.0	5.7	5.6	5.7	5.9	5.8	5.8	5.8	5.6	5.7
13	6.1	5.3	5.9	5.8	5.6	5.7	5.9	5.8	5.8	5.8	5.7	5.8
14	5.6	5.5	5.6	5.9	5.7	5.8	6.1	5.8	5.9	5.8	5.7	5.8
15	6.2	5.5	5.7	5.9	5.8	5.9	5.9	5.8	5.8	5.8	5.7	5.8
16	6.0	5.7	5.8	5.9	5.7	5.8	5.9	5.9	5.9	5.9	5.7	5.8
17	5.9	5.8	5.8	5.9	5.8	5.8	6.0	5.9	5.9	5.9	5.8	5.8
18	6.3	5.8	5.9	5.9	5.8	5.9	6.0	5.9	5.9	6.3	5.8	6.0
19	6.3	5.8	5.9	6.0	5.8	5.9	6.0	5.9	6.0	6.2	5.9	6.0
20	6.2	5.8	6.0	6.1	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.9
21	6.0	5.9	5.9	6.1	5.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0
22	6.0	5.9	6.0	6.1	5.9	6.0	6.1	6.0	6.1	6.1	6.0	6.0
23	6.0	5.8	5.9	6.3	6.0	6.1	6.2	6.1	6.1	6.5	6.0	6.1
24	6.0	5.8	5.9	6.5	6.0	6.2	6.2	6.1	6.2	6.5	6.0	6.3
25	6.2	5.8	6.0	6.4	6.1	6.2	6.1	6.1	6.1	6.5	6.5	6.5
26	6.2	5.9	6.1	6.2	6.1	6.2	6.4	6.0	6.1	6.5	6.5	6.5
27	6.0	5.9	5.9	6.2	6.0	6.1	6.1	5.9	6.0	6.5	6.4	6.5
28	6.0	5.9	6.0	6.2	6.0	6.1	6.1	6.0	6.0	6.5	6.4	6.5
29	6.3	6.0	6.1	6.8	6.0	6.2	6.1	5.9	6.0	6.5	6.4	6.4
30	6.1	6.0	6.0	6.6	6.1	6.3	6.0	5.8	5.9	6.4	6.3	6.3
31	---	---	---	6.2	6.1	6.1	6.4	5.8	6.0	---	---	---
MONTH	6.8	5.3	6.0	6.8	5.4	5.9	6.5	5.6	6.0	6.5	5.5	6.0

0208762750 UNNAMED TRIB TO SWIFT CREEK NEAR YATES MILL POND, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	19.3	18.6	18.9	13.6	11.7	12.7	10.6	8.3	9.4	13.4	11.1	12.3
2	19.3	18.6	18.9	12.9	11.6	12.3	9.8	7.4	8.8	11.7	10.7	11.4
3	19.4	18.7	19.0	13.2	11.8	12.5	10.9	8.2	9.6	11.9	9.9	11.2
4	19.4	18.7	19.0	13.9	12.6	13.3	8.2	6.3	7.3	10.1	8.1	9.2
5	19.5	18.8	19.1	13.6	13.0	13.3	7.0	1.8	5.1	9.7	7.2	8.4
6	19.4	18.5	19.0	14.3	12.4	13.4	7.6	6.6	7.3	10.5	8.2	9.2
7	19.3	18.7	19.0	12.9	11.6	12.2	8.6	5.9	7.2	8.6	6.7	7.7
8	18.9	17.2	17.8	13.4	10.8	12.1	9.6	6.6	8.0	10.1	7.4	8.7
9	18.6	17.1	17.8	14.7	11.6	13.2	8.9	8.0	8.5	11.9	9.0	10.4
10	18.6	17.4	18.1	16.9	13.8	15.5	8.7	7.7	8.2	11.8	8.9	10.7
11	21.5	18.4	19.9	17.6	16.6	17.1	9.0	6.2	8.4	9.4	7.3	8.3
12	20.4	19.4	20.0	17.0	14.3	16.1	11.0	8.9	9.8	8.2	6.2	7.2
13	19.8	18.8	19.3	14.3	12.8	13.6	9.7	6.5	8.2	8.6	6.2	7.4
14	19.2	16.1	17.4	13.9	11.9	12.9	10.2	8.2	9.2	9.3	6.7	7.9
15	16.1	15.1	15.5	14.1	11.6	12.9	10.0	7.8	8.9	8.6	6.2	7.4
16	17.4	16.0	16.7	15.0	13.8	14.4	11.1	8.5	9.7	8.0	6.0	6.8
17	16.7	15.1	16.0	14.0	11.9	13.4	9.9	8.2	9.1	8.4	5.9	7.0
18	15.7	13.8	14.8	12.6	11.0	11.8	10.3	8.4	9.4	7.0	4.7	5.7
19	15.7	13.4	14.6	12.8	10.1	11.4	11.6	9.8	10.4	7.1	4.5	5.6
20	17.0	14.6	15.8	13.4	10.8	12.1	13.8	10.4	12.5	9.1	5.3	7.1
21	17.5	15.5	16.5	13.6	11.9	12.7	10.8	9.1	10	7.6	6.6	7.2
22	16.1	14.3	15.5	13.2	11.1	12.4	11.5	8.7	10.1	8.0	5.5	6.7
23	16.5	14.5	15.6	11.8	10.0	10.9	11.1	8.9	10.0	6.6	3.6	5.0
24	15.8	15.2	15.6	12.7	10.0	11.3	10.0	7.6	9.2	5.9	3.3	4.4
25	15.8	15.2	15.5	13.1	10.4	11.7	9.6	7.5	8.7	7.2	3.8	5.2
26	16.6	15.2	15.9	12.7	10.3	11.5	9.1	7.2	8.0	7.8	4.5	6.0
27	16.6	15.6	16.1	11.9	10.1	11.1	8.9	6.5	7.7	6.5	4.2	5.5
28	17.0	15.7	16.3	10.3	8.6	9.5	9.2	6.6	7.8	7.0	3.9	5.3
29	15.7	13.6	14.6	9.9	7.7	8.9	10.4	7.3	8.7	8.8	6.1	7.6
30	14.1	11.0	13.3	11.9	9.6	10.7	11.0	7.7	9.3	8.7	4.1	6.9
31	13.9	12.6	13.2	---	---	---	11.8	9.1	10.5	7.5	5.7	6.9
MONTH	21.5	11.0	16.9	17.6	7.7	12.6	13.8	1.8	8.9	13.4	3.3	7.6
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.6	7.5	8.3	9.5	7.4	8.5	14.3	9.1	11.6	18.8	16.0	17.4
2	9.6	7.0	8.1	11.7	7.4	9.4	16.9	11.8	14.1	18.9	15.9	17.3
3	11.6	7.4	9.4	11.7	7.9	9.5	17.6	12.5	15.0	17.7	16.0	16.9
4	12.6	9.1	11.0	11.9	7.6	9.7	17.6	13.6	15.6	16.7	14.8	15.6
5	10.3	7.6	8.9	13.7	10.4	11.8	16.7	14.4	15.5	14.8	13.8	14.3
6	8.9	5.5	7.5	13.1	11.3	12.2	16.6	13.3	14.8	17.7	14.7	16.2
7	8.1	3.9	6.3	11.3	8.1	9.3	13.9	10.5	11.8	19.2	16.2	17.4
8	8.6	5.8	7.0	12.7	7.2	9.8	11.5	10.4	11.2	20.4	17.1	18.5
9	9.1	6.0	7.3	14.7	9.8	11.8	10.7	9.1	10.1	21.0	17.4	19.0
10	7.6	5.8	6.9	13.2	9.4	10.9	10.3	8.6	9.4	20.9	17.9	19.3
11	9.3	5.6	7.3	11.4	8.5	9.7	11.3	9.9	10.4	21.0	18.4	19.4
12	10.1	6.6	8.0	14.3	8.2	11.0	15.1	10.6	12.6	19.4	16.9	18.0
13	9.3	5.6	7.4	15.3	10.6	12.8	15.8	11.5	13.6	18.6	15.5	16.8
14	9.0	6.7	8.0	13.9	10.4	12.3	16.5	11.8	14.2	18.4	14.5	16.3
15	10.2	8.2	9.2	11.6	9.6	10.6	17.4	12.7	15.1	17.6	15.7	16.5
16	8.2	3.2	6.1	13.8	10.4	11.9	17.8	13.6	15.7	18.5	15.9	17.1
17	6.3	3.3	5.2	15.1	12.4	13.5	17.7	13.9	15.6	17.2	15.7	16.6
18	7.3	4.2	6.2	15.2	13.1	13.9	14.2	12.8	13.2	15.7	14.8	15.3
19	9.0	5.7	7.2	13.3	11.6	12.6	14.0	12.7	13.3	15.8	14.5	15.0
20	10.1	7.8	8.6	12.1	9.7	11.1	15.4	12.7	13.9	18.0	14.4	16.1
21	9.2	7.6	8.6	14.4	11.6	12.7	16.1	13.1	14.5	18.0	15.5	16.8
22	13.2	8.9	10.4	16.4	11.4	13.6	17.1	14.4	15.7	17.4	16.4	16.7
23	11.7	8.5	10.8	15.6	11.4	13.4	15.7	12.6	14.2	17.0	16.4	16.6
24	12.2	7.3	9.6	16.4	11.8	13.8	15.6	11.7	13.8	17.8	16.1	16.8
25	11.6	9.0	10.1	16.9	11.1	13.8	15.1	13.8	14.2	19.0	16.3	17.2
26	9.0	7.1	8.0	17.2	12.3	14.5	16.1	14.4	15.0	18.6	17.2	17.8
27	7.1	3.8	5.3	16.2	12.6	14.1	17.0	14.2	15.5	17.6	16.4	17.1
28	8.3	4.5	6.8	16.7	12.3	14.5	17.7	13.6	15.7	18.4	15.5	16.8
29	---	---	---	18.3	15.1	16.3	18.6	14.9	16.6	17.9	15.7	16.6
30	---	---	---	16.2	10.6	12.8	19.1	15.5	17.3	18.6	15.4	16.9
31	---	---	---	13.1	9.3	10.9	---	---	---	17.7	16.0	16.8
MONTH	13.2	3.2	8.0	18.3	7.2	12.0	19.1	8.6	14.0	21.0	13.8	16.9

0208762750 UNNAMED TRIB TO SWIFT CREEK NEAR YATES MILL POND, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	18.6	15.8	16.9	20.3	19.5	19.9	23.5	20.8	21.7	23.1	21.7	22.4
2	20.2	14.7	16.8	23.2	19.3	20.8	23.5	21.3	22.2	22.9	21.2	22.1
3	22.6	15.9	18.3	21.5	19.7	20.5	22.5	21.0	21.7	22.7	21.2	21.9
4	19.4	17.7	18.4	21.6	19.1	20.3	21.8	20.9	21.2	22.8	21.2	21.9
5	19.9	17.4	18.5	22.9	20.0	21.2	22.4	20.9	21.7	21.4	20.3	20.9
6	24.0	16.1	19.0	22.8	20.2	21.3	21.9	20.3	21.0	20.3	18.8	19.3
7	22.4	18.2	19.6	22.6	20.5	21.3	21.3	20.6	20.9	20.2	18.6	19.3
8	24.4	19.2	20.8	23.0	20.3	21.4	24.5	20.4	22.4	19.9	19.0	19.4
9	20.9	18.8	19.8	23.2	20.5	21.6	23.9	21.7	22.5	20.5	18.9	19.6
10	20.8	17.7	19.2	23.1	20.3	21.4	24.7	21.0	22.5	19.6	18.4	18.9
11	21.5	18.0	19.6	23.1	20.2	21.3	22.9	21.4	22.0	19.2	17.4	18.3
12	22.0	18.9	20.0	22.5	20.1	21.0	22.4	20.8	21.6	18.9	18.1	18.5
13	21.6	19.5	20.3	20.7	19.6	20.0	22.0	20.9	21.4	19.1	18.2	18.7
14	21.9	19.2	20.3	21.2	19.4	20.2	25.8	20.9	22.6	20.2	18.9	19.5
15	23.5	19.5	20.6	21.5	19.6	20.4	22.8	21.5	22.2	20.5	18.7	19.6
16	22.2	19.8	20.9	23.0	19.8	21.1	22.0	21.1	21.5	19.9	18.6	19.5
17	19.8	19.1	19.4	21.9	20.0	20.8	22.3	21.0	21.5	19.1	17.3	18.3
18	22.5	18.9	19.8	22.6	19.7	20.9	21.9	20.7	21.3	18.9	17.9	18.4
19	21.7	19.7	20.5	21.3	19.9	20.4	21.8	20.5	21.1	20.3	18.2	19.2
20	20.7	19.1	19.8	22.1	19.3	20.5	22.1	20.6	21.2	20.2	17.9	19.1
21	19.5	17.7	18.6	22.8	19.6	20.9	22.1	20.2	21.1	20.4	18.2	19.3
22	19.5	16.9	18.2	23.4	20.5	21.7	22.3	20.7	21.3	20.7	19.4	19.9
23	20.4	17.6	18.8	21.0	20.1	20.4	22.1	20.5	21.2	21.4	19.1	20.6
24	20.7	17.5	18.9	22.8	19.9	20.8	21.6	20.5	21.0	19.9	17.9	18.9
25	21.3	18.0	19.4	21.7	19.6	20.7	21.7	19.6	20.6	19.9	17.5	18.7
26	21.7	18.4	19.9	22.5	19.8	20.9	22.1	20.1	21.1	19.9	17.6	18.8
27	21.8	19.1	20.2	22.8	20.1	21.2	22.6	20.5	21.5	19.9	17.6	18.8
28	20.3	19.1	19.6	23.0	20.4	21.4	22.9	20.9	21.8	19.8	18.1	19.1
29	21.6	18.7	19.9	24.3	20.2	21.5	23.1	21.2	22.1	18.1	16.1	17.0
30	21.9	19.4	20.4	25.6	21.5	22.8	23.2	21.3	22.1	16.9	15.0	16.0
31	---	---	---	21.7	20.6	21.1	24.2	21.1	22.5	---	---	---
MONTH	24.4	14.7	19.4	25.6	19.1	21.0	25.8	19.6	21.6	23.1	15.0	19.4

0208762750 UNNAMED TRIB TO SWIFT CREEK NEAR YATES MILL POND, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	1.5	0.4	0.7	8.0	6.6	7.6	7.1	6.1	6.6	8.4	7.4	7.7
2	1.3	0.4	0.6	7.6	6.6	7.2	7.6	6.4	7.0	8.7	7.9	8.2
3	2.1	0.1	0.8	7.6	6.0	7.0	7.2	6.4	6.8	8.2	7.8	8.0
4	2.2	0.2	0.9	7.4	6.6	7.0	8.1	6.8	7.7	9.0	8.0	8.4
5	2.3	0.2	0.9	7.6	6.8	7.2	11.2	8.0	9.0	9.4	8.2	8.7
6	3.1	0.3	1.5	8.9	6.9	7.6	8.2	7.8	8.0	9.3	7.9	8.3
7	3.9	0.3	1.6	7.3	6.6	7.0	8.2	7.5	7.9	10.4	8.2	9.0
8	6.5	0.5	4.0	7.1	6.1	6.6	7.9	7.0	7.5	10.1	8.0	8.8
9	7.9	2.2	4.5	6.9	5.6	6.3	7.9	7.0	7.4	10.9	7.9	8.7
10	5.9	1.0	2.9	6.1	5.0	5.6	7.6	7.0	7.3	11.4	7.9	8.8
11	9.4	0.6	4.7	5.4	4.8	5.0	7.8	6.9	7.2	12.2	8.6	9.8
12	7.0	5.3	6.2	6.9	4.8	5.9	7.9	6.7	7.1	13.1	9.4	10.5
13	5.5	4.2	4.7	7.7	6.5	7.0	11.8	6.7	8.9	13.8	9.2	10.6
14	5.1	4.1	4.5	6.6	6.0	6.3	10.1	9.1	9.5	14.2	9.2	10.6
15	5.8	4.6	5.0	6.3	5.3	5.9	9.4	8.8	9.1	14.4	9.1	10.6
16	6.3	5.0	5.5	5.4	4.8	5.2	9.4	8.6	8.9	14.9	9.6	11.3
17	5.6	4.6	5.1	6.1	5.2	5.5	9.8	9.2	9.5	14.6	9.7	11.0
18	6.1	4.6	5.2	6.4	6.0	6.2	9.6	8.4	9.1	14.1	10.0	11.3
19	7.3	5.2	6.3	6.5	5.7	6.1	8.6	7.8	8.2	13.5	10.3	11.2
20	7.3	5.9	6.5	6.6	5.6	6.0	7.9	7.3	7.6	12.6	9.5	10.6
21	9.3	5.8	8.2	6.1	5.5	5.8	8.6	7.8	8.1	11.2	9.6	10.2
22	8.9	7.7	8.2	6.0	5.5	5.7	8.7	7.6	8.1	12.7	10.0	10.8
23	8.1	7.2	7.7	6.2	5.7	5.9	8.9	7.7	8.2	12.0	10.1	10.9
24	7.8	7.3	7.5	6.4	5.5	5.9	9.7	7.8	8.4	15.8	10.7	12.0
25	7.9	7.4	7.6	6.4	5.6	5.9	9.1	8.2	8.5	16.2	10.3	11.8
26	---	---	---	6.3	5.5	5.9	9.0	8.4	8.6	14.7	10.0	11.4
27	---	---	---	6.5	5.7	6.0	9.2	8.2	8.7	---	---	---
28	---	---	---	7.2	6.0	6.7	9.1	8.0	8.6	---	---	---
29	---	---	---	7.3	6.4	6.9	9.2	7.8	8.4	---	---	---
30	---	---	---	6.8	6.0	6.4	9.6	7.6	8.4	---	---	---
31	8.1	7.4	7.8	---	---	---	9.9	7.2	8.1	10.7	9.2	10.1
MONTH	---	---	---	8.9	4.8	6.3	11.8	6.1	8.1	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.6	8.5	9.3	10.6	8.9	9.4	9.8	7.7	8.6	6.7	5.4	5.9
2	10.5	8.2	9.1	11.0	9.0	9.7	9.0	7.2	8.0	6.8	5.1	5.7
3	9.8	7.5	8.5	---	---	---	8.8	7.1	7.8	6.4	5.1	5.7
4	8.8	7.4	7.8	---	---	---	8.9	6.9	7.8	7.2	5.5	6.2
5	9.6	7.8	8.5	---	---	---	8.4	6.9	7.4	7.0	5.8	6.3
6	9.7	8.0	8.7	---	---	---	9.0	7.2	7.9	6.5	5.0	5.8
7	10.3	7.2	8.5	---	---	---	8.9	7.3	8.2	6.4	5.1	5.7
8	8.4	7.2	7.7	---	---	---	9.0	8.0	8.4	7.3	5.6	6.6
9	7.9	6.4	7.2	---	---	---	9.9	8.5	9.1	7.2	5.7	6.6
10	8.3	6.6	7.4	---	---	---	10.7	8.5	9.9	7.2	5.8	6.5
11	8.1	6.8	7.4	---	---	---	10.0	8.7	9.3	7.0	5.9	6.4
12	7.8	6.3	7.0	---	---	---	9.0	7.8	8.6	7.2	6.0	6.5
13	10.5	6.0	7.3	9.4	7.9	8.6	8.9	7.8	8.4	7.6	6.6	7.1
14	8.3	5.6	6.8	9.8	8.2	8.9	8.9	7.7	8.3	7.8	6.5	7.1
15	6.6	5.0	5.8	9.8	8.3	8.9	8.8	7.4	8.2	7.8	6.4	6.9
16	8.0	5.0	6.3	9.4	8.0	8.6	8.7	7.6	8.1	7.7	6.2	7.0
17	10.5	7.6	9.7	9.0	7.5	8.1	9.1	7.3	8.2	7.8	6.2	6.9
18	10.9	9.0	9.5	8.8	7.4	7.9	9.0	8.1	8.6	8.0	6.8	7.3
19	9.8	8.5	9.2	9.1	7.4	8.0	8.6	7.5	8.1	8.1	7.4	7.8
20	9.4	8.2	8.7	10.3	7.8	9.0	8.5	7.1	7.8	8.0	6.0	7.2
21	9.0	8.0	8.4	8.8	7.9	8.4	8.0	6.6	7.3	6.8	5.9	6.4
22	9.0	7.9	8.3	8.6	7.5	8.1	7.2	6.2	6.6	7.7	5.9	7.2
23	8.6	7.9	8.3	8.5	7.6	8.1	7.6	6.4	7.0	7.5	5.8	6.9
24	9.1	8.0	8.6	8.6	7.5	8.0	7.8	6.5	7.1	6.6	5.3	6.1
25	9.0	8.1	8.4	8.8	7.4	8.0	7.0	6.2	6.6	6.9	5.5	6.1
26	9.1	8.2	8.7	8.7	7.2	7.8	6.6	5.9	6.2	6.4	5.4	6.0
27	11.8	8.7	10.1	9.0	7.3	8.0	7.0	5.8	6.3	6.4	5.7	6.0
28	11.0	9.3	9.9	9.0	7.2	8.0	6.8	5.5	6.2	6.6	5.6	6.0
29	---	---	---	8.6	6.9	7.5	6.7	5.4	6.0	6.6	5.6	6.0
30	---	---	---	9.0	7.0	8.0	6.7	5.3	5.9	6.7	5.2	6.0
31	---	---	---	9.5	8.1	8.7	---	---	---	7.0	5.4	6.0
MONTH	11.8	5.0	8.3	---	---	---	10.7	5.3	7.7	8.1	5.0	6.4

0208762750 UNNAMED TRIB TO SWIFT CREEK NEAR YATES MILL POND, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	16	4	8	77	63	72	63	54	58	78	68	72
2	14	4	7	72	62	67	67	57	60	80	72	75
3	23	1	9	72	57	66	65	56	60	76	70	73
4	24	2	10	72	62	67	68	58	64	80	71	73
5	25	2	10	73	65	69	81	65	70	82	70	74
6	34	3	16	84	65	73	69	65	67	83	69	73
7	42	3	17	69	61	65	68	63	65	88	70	75
8	68	5	42	67	57	62	68	60	63	89	70	76
9	85	23	48	67	54	60	68	60	63	101	71	78
10	63	11	31	63	51	56	65	60	62	105	71	80
11	106	6	52	57	49	52	65	58	62	107	74	83
12	78	58	68	71	49	60	71	59	63	111	77	87
13	60	46	51	74	62	67	97	59	75	117	78	88
14	53	44	47	63	56	60	86	78	82	124	78	90
15	59	46	51	60	51	56	82	76	79	124	77	89
16	65	51	57	52	47	51	86	75	79	125	79	93
17	58	46	51	57	50	52	87	80	82	125	79	91
18	60	45	52	60	55	57	86	74	80	116	80	90
19	74	50	62	59	53	56	78	71	74	112	81	89
20	74	61	66	60	53	56	75	69	72	109	80	88
21	97	60	85	58	52	55	78	69	72	94	80	85
22	87	78	82	57	51	54	79	69	72	107	81	89
23	82	73	78	57	52	53	81	69	73	95	81	86
24	79	73	76	60	51	54	82	69	73	127	81	93
25	80	74	76	60	52	55	77	71	73	133	81	93
26	---	---	---	58	51	54	78	71	73	123	81	92
27	---	---	---	60	52	55	78	70	73	---	---	---
28	---	---	---	63	53	58	78	69	72	---	---	---
29	---	---	---	64	56	60	81	68	72	---	---	---
30	---	---	---	63	54	58	85	67	73	---	---	---
31	78	71	74	---	---	---	89	67	73	89	77	83
MONTH	---	---	---	84	47	59	97	54	70	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	93	72	79	88	78	80	92	72	80	72	56	62
2	92	69	77	92	81	85	92	70	78	73	53	60
3	89	68	75	---	---	---	91	70	78	67	53	59
4	83	67	71	---	---	---	93	69	78	74	56	62
5	86	67	73	---	---	---	86	69	75	68	57	62
6	84	67	73	---	---	---	92	71	78	68	51	59
7	79	60	69	---	---	---	82	71	76	69	52	59
8	70	58	64	---	---	---	82	73	77	81	59	70
9	67	54	60	---	---	---	86	76	81	81	62	71
10	67	55	61	---	---	---	93	76	87	81	63	71
11	70	56	62	---	---	---	89	79	83	78	64	70
12	68	53	59	---	---	---	87	76	81	78	64	69
13	89	51	61	92	76	82	87	76	81	81	67	73
14	71	47	57	94	76	83	89	76	81	83	67	72
15	59	43	51	89	76	81	91	75	81	82	66	71
16	60	41	51	85	75	80	91	75	81	82	65	72
17	84	58	77	89	72	78	95	74	83	81	64	71
18	85	73	77	87	71	77	86	78	82	80	68	73
19	83	72	76	87	70	76	84	72	78	82	74	77
20	83	70	75	91	72	82	84	69	76	81	62	73
21	77	70	72	83	76	79	81	66	72	72	61	66
22	83	68	74	84	73	78	75	62	67	80	61	74
23	79	73	75	84	73	78	77	62	68	77	60	71
24	81	72	75	86	72	77	78	63	69	69	55	63
25	82	71	75	88	72	78	69	61	65	75	56	64
26	78	71	73	89	70	77	66	59	62	67	57	63
27	90	72	79	91	71	78	71	59	64	67	58	63
28	85	78	81	92	72	78	71	56	63	70	58	62
29	---	---	---	90	71	77	72	56	62	69	57	62
30	---	---	---	82	71	75	73	55	61	71	54	62
31	---	---	---	90	73	79	---	---	---	73	56	62
MONTH	93	41	70	---	---	---	95	55	75	83	51	67

