

02105500 CAPE FEAR RIVER AT WILLIAM O. HUSKE LOCK NEAR TARHEEL, NC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1947, 1955, 2000 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June 2000 to current year.

pH: June 2000 to current year.

WATER TEMPERATURE: June 2000 to current year.

DISSOLVED OXYGEN: June 2000 to current year.

DISSOLVED OXYGEN, PERCENT SATURATION: June 2000 to current year

TURBIDITY: October 2000 to current year.

INSTRUMENTATION.--Water-quality monitor with satellite telemetry from June 2000 to current year.

REMARKS.--Station operated in cooperation with the Middle Cape Fear River Association. The constituents were monitored at approximately 10 ft above the streambed. On June 28, 2002 the data sonde was raised to approximately 16 ft above the streambed. Beginning October 1, 2000 dissolved oxygen, percent saturation is computed using a barometric pressure of 760mm Hg. Daily records of water temperature for water years 1947 and 1955 are available in the files of the District Office in Raleigh, NC.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE, microsiemens	291, September 3, 2002	56, June 19, 2001
pH, standard units	9.6, August 25, 2002	5.8, August 29, 30, 2002
WATER TEMPERATURE, °C	32.3, July 31, 2002	2.6, January 5, 6, 2001
DISSOLVED OXYGEN, mg/L	13.4, January 30, 2001	1.3, June 14, 2002
DISSOLVED OXYGEN, PERCENT SATURATION,%	130, July 16, 2000	17, June 14, 2002
TURBIDITY, NTU	420, January 24, 2002	0.9, May 19, 2002

EXTREMES FOR CURRENT YEAR.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE, microsiemens	291, September 3	70, January 25, 26
pH, standard units	9.6, August 25	5.8, August 29, 30
WATER TEMPERATURE, °C	32.3, July 31	3.7, January 8
DISSOLVED OXYGEN, mg/L	12.7, August 25	1.3, June 14
DISSOLVED OXYGEN, PERCENT SATURATION,%	172, August 25	17, June 14
TURBIDITY, NTU	420, January 24	0.9, May 19

02105500 CAPE FEAR RIVER AT WILLIAM O. HUSKE LOCK NEAR TARHEEL, NC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	118	109	111	167	163	165	149	146	148	192	191	192
2	111	108	109	166	163	165	150	144	147	199	192	195
3	124	109	116	170	165	167	150	127	142	195	193	194
4	137	124	128	176	170	173	150	125	133	197	194	196
5	148	137	142	177	176	177	155	150	154	198	196	197
6	149	146	148	179	177	178	158	155	156	198	191	194
7	153	146	149	180	176	178	166	157	163	192	167	186
8	171	153	162	180	177	179	175	162	169	167	143	150
9	172	145	158	182	178	181	185	174	181	158	145	151
10	153	149	151	184	177	181	185	181	183	158	152	156
11	154	145	152	177	171	174	---	---	---	152	133	143
12	145	128	135	174	171	172	---	---	---	133	122	125
13	140	132	137	179	172	175	---	---	---	142	122	131
14	145	138	141	179	175	177	185	175	183	161	142	153
15	150	142	146	179	174	176	175	165	169	162	154	160
16	161	149	155	175	170	172	179	172	175	154	145	149
17	167	161	165	173	170	172	179	165	174	145	138	140
18	170	166	168	174	172	173	165	144	154	142	138	140
19	171	168	169	174	172	173	157	144	149	142	141	142
20	180	171	176	178	172	175	172	157	166	143	140	141
21	180	177	178	180	178	179	179	171	175	176	142	154
22	180	176	179	182	179	181	183	178	180	178	111	153
23	177	161	168	182	179	181	183	180	181	117	105	112
24	161	149	153	184	176	181	182	178	180	105	85	91
25	161	152	156	179	170	174	178	174	176	105	70	84
26	169	161	164	172	149	166	178	176	177	75	70	72
27	171	165	168	149	123	130	177	172	174	72	71	71
28	166	159	162	147	132	139	174	170	171	73	71	72
29	163	159	161	151	147	149	182	174	177	74	71	73
30	165	160	163	149	147	148	189	182	185	95	74	87
31	168	164	166	---	---	---	191	188	190	103	95	102
MONTH	180	108	153	184	123	170	---	---	---	199	70	139

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	112	103	107	112	109	110	128	112	122	133	130	132
2	118	112	116	113	111	112	119	108	114	137	133	135
3	117	112	115	127	113	118	120	83	104	141	136	139
4	115	113	114	114	101	109	84	78	80	144	141	143
5	113	104	110	106	100	103	85	83	84	150	144	147
6	104	100	102	105	98	101	94	85	88	151	150	151
7	103	100	101	128	96	108	118	94	107	153	149	151
8	101	97	99	138	128	134	126	118	124	149	146	148
9	99	85	92	171	138	154	127	125	126	153	148	150
10	94	83	87	178	171	176	128	125	127	154	153	153
11	95	89	93	175	171	173	125	118	121	155	153	154
12	89	83	85	171	160	166	124	119	122	156	141	151
13	109	86	94	160	139	150	124	118	121	156	153	154
14	120	109	117	139	134	136	119	114	118	154	144	152
15	124	117	120	134	131	132	114	103	108	160	153	155
16	124	122	123	136	131	135	106	103	104	161	157	159
17	123	121	122	136	133	135	111	106	109	162	158	160
18	121	118	121	139	131	134	112	110	111	165	160	163
19	119	111	116	146	139	144	111	109	109	167	160	164
20	111	108	110	146	134	141	110	109	109	171	164	169
21	109	107	108	134	127	130	113	110	112	174	171	172
22	107	105	106	131	126	128	115	113	114	174	168	172
23	108	104	106	143	127	132	118	114	117	170	164	168
24	111	108	109	145	139	142	122	116	120	171	164	169
25	111	107	108	140	136	138	121	118	119	176	171	173
26	108	106	107	139	136	138	121	118	119	180	169	178
27	107	105	106	141	138	140	123	121	122	183	180	181
28	110	104	107	139	124	133	125	122	124	183	180	182
29	---	---	---	124	119	122	126	123	125	182	178	180
30	---	---	---	137	122	130	130	125	128	181	179	180
31	---	---	---	138	128	134	---	---	---	187	169	182
MONTH	124	83	107	178	96	133	130	78	114	187	130	160

CAPE FEAR RIVER BASIN

02105500 CAPE FEAR RIVER AT WILLIAM O. HUSKE LOCK NEAR TARHEEL, NC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	193	169	188	---	---	---	181	169	177	174	163	167
2	194	188	192	213	204	209	193	179	186	188	171	176
3	196	191	194	215	210	213	210	193	200	291	188	252
4	196	192	195	---	---	---	211	200	207	285	256	266
5	195	192	193	---	---	---	221	209	214	256	160	204
6	202	193	198	---	---	---	---	---	---	161	136	145
7	206	200	202	---	---	---	---	---	---	139	135	136
8	209	202	206	---	---	---	---	---	---	157	138	147
9	212	207	209	---	---	---	---	---	---	170	157	163
10	212	209	211	187	179	184	199	192	197	184	169	173
11	210	202	206	180	170	175	195	189	192	196	183	189
12	203	200	201	170	166	168	193	188	190	201	195	199
13	204	200	202	170	166	167	212	193	202	200	197	199
14	209	202	207	182	168	174	227	210	219	198	192	196
15	214	208	211	184	181	183	247	223	234	193	178	188
16	216	212	214	205	183	191	258	242	250	178	164	170
17	218	214	217	222	201	214	276	255	265	177	133	151
18	222	215	219	228	221	226	287	272	279	154	147	151
19	227	221	224	228	225	227	289	280	286	148	144	145
20	228	223	226	226	209	218	280	249	264	155	147	151
21	228	221	225	209	200	206	258	244	249	160	154	158
22	228	222	226	204	191	197	279	257	267	156	136	144
23	231	225	227	204	195	198	282	272	277	144	136	139
24	234	226	230	215	197	206	281	274	277	148	143	146
25	243	232	238	237	212	225	281	262	273	148	144	146
26	252	242	248	239	223	236	263	251	257	144	140	141
27	258	252	256	---	---	---	262	249	255	148	141	145
28	260	253	258	177	153	172	262	198	239	149	145	148
29	253	240	243	155	126	135	198	79	142	145	142	143
30	---	---	---	156	133	143	125	75	91	146	144	145
31	---	---	---	177	156	167	164	125	153	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	291	133	167

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	6.7	6.6	6.6	7.0	6.9	6.9	7.0	7.0	7.0	7.3	7.3	7.3
2	6.7	6.6	6.6	7.0	7.0	7.0	7.1	7.0	7.0	7.4	7.3	7.3
3	6.7	6.6	6.7	7.1	7.0	7.0	7.1	7.0	7.1	7.4	7.4	7.4
4	6.8	6.7	6.7	7.1	7.0	7.0	7.1	7.0	7.0	7.5	7.4	7.4
5	6.8	6.8	6.8	7.1	7.0	7.1	7.1	7.1	7.1	7.4	7.4	7.4
6	6.9	6.8	6.8	7.2	7.1	7.1	7.2	7.1	7.1	7.4	7.4	7.4
7	6.9	6.8	6.9	7.2	7.1	7.2	7.2	7.2	7.2	7.4	7.3	7.4
8	6.9	6.9	6.9	7.2	7.1	7.1	7.3	7.2	7.2	7.3	7.2	7.2
9	6.9	6.8	6.9	7.2	7.1	7.2	7.3	7.3	7.3	7.3	7.1	7.2
10	6.9	6.8	6.9	7.2	7.2	7.2	7.3	7.3	7.3	7.2	7.1	7.1
11	6.9	6.8	6.8	7.3	7.2	7.2	---	---	---	7.1	7.1	7.1
12	7.1	6.7	6.9	7.3	7.3	7.3	---	---	---	7.1	7.1	7.1
13	7.2	7.1	7.1	7.3	7.3	7.3	---	---	---	7.1	7.1	7.1
14	7.2	7.1	7.1	7.3	7.2	7.3	7.3	7.2	7.3	7.2	7.1	7.1
15	7.2	7.1	7.1	7.2	7.2	7.2	7.3	7.3	7.3	7.1	7.1	7.1
16	7.1	7.0	7.1	7.2	7.2	7.2	7.4	7.3	7.3	7.1	7.1	7.1
17	7.1	7.0	7.1	7.2	7.2	7.2	7.4	7.3	7.3	7.1	7.0	7.0
18	7.1	7.0	7.0	7.2	7.2	7.2	7.3	7.2	7.2	7.1	7.0	7.0
19	7.1	6.9	7.0	7.2	7.2	7.2	7.2	7.2	7.2	7.1	6.9	7.0
20	7.1	6.9	7.0	7.2	7.2	7.2	7.3	7.2	7.3	7.0	6.9	7.0
21	7.0	6.9	6.9	7.2	7.2	7.2	7.3	7.2	7.3	7.0	6.9	7.0
22	7.0	6.9	6.9	7.2	7.2	7.2	7.3	7.2	7.2	7.0	6.8	6.9
23	6.9	6.7	6.8	7.2	7.2	7.2	7.3	7.3	7.3	6.9	6.7	6.8
24	6.8	6.6	6.7	7.3	7.2	7.2	7.3	7.3	7.3	6.8	6.4	6.6
25	6.8	6.7	6.7	7.2	7.2	7.2	7.3	7.2	7.3	6.7	6.4	6.5
26	6.8	6.7	6.8	7.2	7.0	7.2	7.2	7.2	7.2	6.6	6.3	6.4
27	6.9	6.8	6.8	7.1	6.9	6.9	7.3	7.2	7.3	6.5	6.2	6.4
28	6.9	6.8	6.8	7.0	6.9	7.0	7.3	7.2	7.3	6.5	6.2	6.4
29	6.9	6.8	6.9	7.1	7.0	7.0	7.3	7.2	7.3	6.5	6.3	6.4
30	6.9	6.9	6.9	7.0	7.0	7.0	7.3	7.2	7.3	6.7	6.4	6.6
31	6.9	6.9	6.9	---	---	---	7.3	7.3	7.3	6.8	6.6	6.7
MONTH	7.2	6.6	6.9	7.3	6.9	7.1	---	---	---	7.5	6.2	7.0

CAPE FEAR RIVER BASIN

02105500 CAPE FEAR RIVER AT WILLIAM O. HUSKE LOCK NEAR TARHEEL, NC--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	6.8	6.6	6.7	7.2	7.0	7.1	6.9	6.6	6.7	6.8	6.7	6.7
2	6.8	6.7	6.8	7.2	7.1	7.1	6.7	6.5	6.7	6.7	6.5	6.6
3	6.9	6.7	6.8	7.1	7.0	7.1	6.8	6.5	6.6	7.0	6.6	6.8
4	6.8	6.7	6.7	7.1	6.8	7.0	6.6	6.4	6.5	6.8	6.7	6.8
5	6.8	6.7	6.7	7.1	6.9	7.0	6.6	6.5	6.5	6.8	6.7	6.8
6	6.8	6.7	6.7	7.1	6.8	6.9	6.6	6.5	6.6	6.8	6.8	6.8
7	6.8	6.7	6.7	7.2	6.8	7.0	6.8	6.6	6.7	6.8	6.8	6.8
8	6.8	6.7	6.7	7.1	6.9	7.0	7.0	6.8	6.9	6.8	6.7	6.8
9	6.8	6.6	6.7	7.2	7.0	7.1	7.0	6.9	6.9	6.8	6.8	6.8
10	6.9	6.6	6.7	7.3	7.1	7.2	7.0	6.9	6.9	6.9	6.8	6.8
11	6.9	6.7	6.8	7.5	7.2	7.3	7.0	6.7	6.8	6.9	6.8	6.8
12	6.8	6.6	6.7	7.5	7.2	7.3	6.8	6.7	6.8	6.9	6.8	6.8
13	6.9	6.7	6.8	7.7	7.2	7.5	6.9	6.8	6.8	7.0	6.8	6.8
14	7.1	6.8	6.9	7.6	7.2	7.4	6.9	6.8	6.8	7.1	6.9	7.0
15	7.0	6.9	7.0	7.4	7.1	7.2	6.9	6.7	6.8	7.2	6.9	7.0
16	7.0	6.9	7.0	7.2	7.0	7.1	6.9	6.8	6.8	7.2	6.9	7.0
17	7.0	6.9	7.0	7.1	6.9	7.0	7.0	6.8	6.9	7.3	6.9	7.1
18	7.0	6.9	7.0	6.9	6.8	6.8	6.9	6.8	6.8	7.3	7.0	7.1
19	7.0	6.9	7.0	6.9	6.8	6.8	6.8	6.7	6.8	7.1	6.9	7.0
20	7.0	6.9	6.9	6.9	6.7	6.9	6.8	6.7	6.8	7.1	6.9	7.0
21	7.1	6.8	6.9	6.8	6.6	6.7	6.8	6.7	6.8	7.0	6.8	6.9
22	6.8	6.7	6.8	6.8	6.6	6.7	6.8	6.6	6.7	7.0	6.9	6.9
23	6.8	6.7	6.8	6.9	6.6	6.8	6.8	6.6	6.7	7.0	6.9	6.9
24	6.8	6.8	6.8	7.0	6.8	6.9	6.9	6.7	6.7	7.2	6.9	7.0
25	6.9	6.8	6.8	6.9	6.8	6.8	6.9	6.7	6.8	7.2	7.1	7.1
26	6.9	6.8	6.9	7.0	6.8	6.9	6.9	6.7	6.8	7.1	7.0	7.1
27	6.9	6.8	6.9	7.2	6.8	6.9	6.9	6.7	6.8	7.0	6.9	7.0
28	7.0	6.9	6.9	7.2	6.8	7.0	6.7	6.6	6.7	7.2	6.9	7.0
29	---	---	---	7.1	6.9	7.0	6.7	6.6	6.7	7.0	6.9	7.0
30	---	---	---	7.1	6.9	7.0	6.7	6.6	6.7	7.0	6.9	7.0
31	---	---	---	7.1	6.8	7.0	---	---	---	7.1	6.9	7.0
MONTH	7.1	6.6	6.8	7.7	6.6	7.0	7.0	6.4	6.8	7.3	6.5	6.9
	JUNE			JULY			AUGUST			SEPTEMBER		
1	7.1	7.0	7.1	---	---	---	8.6	6.7	7.6	6.2	6.2	6.2
2	7.1	7.0	7.0	7.5	6.9	7.0	8.4	6.6	7.1	6.4	6.2	6.3
3	7.1	7.0	7.0	7.4	7.0	7.1	9.0	6.7	7.7	6.7	6.4	6.6
4	7.0	6.9	7.0	---	---	---	8.4	6.7	7.4	6.7	6.6	6.7
5	7.0	6.9	6.9	---	---	---	8.5	6.7	7.5	6.7	6.2	6.4
6	6.9	6.9	6.9	---	---	---	---	---	---	6.2	6.2	6.2
7	7.2	6.9	7.0	---	---	---	7.8	6.7	7.2	6.2	6.1	6.2
8	7.2	6.9	7.0	---	---	---	7.2	6.6	6.8	6.3	6.1	6.2
9	7.1	6.9	7.0	---	---	---	7.9	6.5	7.0	6.3	6.2	6.3
10	7.0	6.9	6.9	7.3	6.8	7.0	8.5	6.7	7.1	6.4	6.2	6.3
11	6.9	6.8	6.9	7.0	6.8	6.9	8.0	6.7	6.9	6.8	6.3	6.4
12	6.8	6.6	6.7	7.0	6.7	6.8	7.0	6.7	6.8	7.2	6.4	6.6
13	6.6	6.6	6.6	6.9	6.7	6.7	7.0	6.7	6.8	6.8	6.4	6.5
14	6.6	6.5	6.5	7.6	6.7	6.9	7.3	6.7	6.9	7.2	6.3	6.5
15	6.7	6.5	6.6	7.0	6.6	6.8	7.6	6.8	7.1	6.7	6.4	6.5
16	7.0	6.6	6.8	7.1	6.6	6.7	8.4	7.0	7.3	6.8	6.4	6.5
17	7.0	6.8	6.9	7.5	6.7	7.1	7.6	6.7	7.0	6.7	6.4	6.5
18	7.1	6.8	6.9	7.5	6.6	7.0	8.2	6.8	7.2	6.6	6.4	6.5
19	7.1	6.9	7.0	8.2	6.5	7.2	8.8	7.0	7.8	6.6	6.4	6.5
20	7.1	6.9	7.0	9.1	7.2	8.1	8.2	7.0	7.4	6.8	6.4	6.6
21	7.1	6.8	7.0	9.5	8.5	9.0	8.2	6.7	7.2	6.8	6.7	6.7
22	7.0	6.8	6.9	9.2	6.6	8.1	8.5	6.9	7.5	6.8	6.5	6.6
23	7.0	6.9	7.0	7.6	6.6	7.0	8.8	6.8	7.4	6.7	6.5	6.6
24	7.0	6.8	6.9	7.5	6.9	7.2	9.1	7.1	8.2	6.7	6.6	6.6
25	7.0	6.9	7.0	7.4	6.8	7.1	9.6	7.3	8.7	6.6	6.5	6.6
26	7.1	6.9	7.0	7.2	6.7	6.9	9.0	7.5	8.4	6.5	6.4	6.4
27	7.2	7.0	7.1	---	---	---	8.5	7.2	7.6	6.5	6.4	6.4
28	8.8	7.2	7.7	6.6	6.4	6.5	7.5	6.6	6.8	6.9	6.4	6.6
29	8.8	7.3	7.6	6.4	6.2	6.3	6.6	5.8	6.2	7.0	6.4	6.6
30	---	---	---	7.3	6.3	6.5	6.1	5.8	5.9	6.9	6.3	6.5
31	---	---	---	8.9	6.5	7.3	6.2	6.1	6.2	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	7.2	6.1	6.5

CAPE FEAR RIVER BASIN

02105500 CAPE FEAR RIVER AT WILLIAM O. HUSKE LOCK NEAR TARHEEL, NC--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	20.4	19.8	20.0	15.8	15.2	15.4	16.7	16.0	16.2	7.4	7.1	7.2
2	19.9	19.2	19.4	15.4	15.2	15.3	16.9	16.5	16.7	7.1	6.1	6.7
3	19.7	19.1	19.3	15.8	15.2	15.4	16.9	16.5	16.6	6.1	5.4	5.8
4	19.6	19.2	19.4	15.9	15.4	15.6	16.5	16.1	16.3	5.4	4.9	5.2
5	19.9	19.5	19.7	15.5	15.1	15.3	16.1	15.7	15.9	4.9	4.4	4.6
6	20.5	19.9	20.1	15.2	14.9	15.0	15.7	15.3	15.5	4.5	4.0	4.2
7	20.2	19.7	19.9	15.0	14.6	14.8	15.4	14.9	15.1	4.2	3.9	4.1
8	19.9	19.4	19.6	14.9	14.6	14.7	15.2	14.8	14.9	4.0	3.7	3.9
9	19.6	18.9	19.2	15.1	14.6	14.8	15.2	14.7	15.0	4.1	3.8	3.9
10	19.1	18.4	18.6	14.6	14.2	14.4	14.7	14.1	14.4	4.8	4.1	4.4
11	18.8	18.4	18.5	14.7	14.2	14.4	---	---	---	5.5	4.8	5.2
12	18.7	18.1	18.3	14.4	13.9	14.2	---	---	---	5.6	5.3	5.5
13	18.6	18.2	18.3	14.0	13.5	13.7	---	---	---	6.4	5.6	6.0
14	19.1	18.4	18.7	13.7	13.3	13.4	14.1	13.5	13.7	6.6	6.1	6.4
15	19.4	18.8	19.0	13.4	13.1	13.3	14.3	14.0	14.1	7.1	6.5	6.8
16	19.5	18.7	18.9	13.8	13.0	13.3	14.1	13.7	13.9	7.1	6.9	7.0
17	19.3	18.9	19.0	13.8	13.2	13.4	14.0	13.6	13.7	7.3	6.8	7.0
18	19.2	18.5	18.8	13.8	13.3	13.5	14.2	13.8	13.9	7.5	7.3	7.4
19	18.5	18.2	18.3	13.8	13.4	13.5	13.8	13.4	13.6	7.5	7.3	7.4
20	18.5	18.2	18.3	14.1	13.7	13.9	13.5	13.2	13.4	7.4	7.2	7.3
21	18.5	18.1	18.2	13.9	13.3	13.6	13.2	12.5	12.9	7.4	7.0	7.1
22	18.6	18.2	18.4	13.3	13.0	13.1	12.5	11.8	12.2	7.1	5.8	6.1
23	18.7	18.3	18.5	13.2	12.9	13.0	11.8	11.1	11.4	6.2	5.8	5.9
24	18.9	18.4	18.5	13.6	13.1	13.2	11.3	10.9	11.1	7.6	6.2	7.1
25	19.7	18.7	19.1	13.5	13.2	13.3	10.9	10.3	10.5	8.2	7.3	7.8
26	19.3	18.9	19.1	13.9	13.4	13.6	10.3	9.7	9.9	8.3	7.9	8.1
27	18.9	18.3	18.7	14.6	13.9	14.2	9.7	9.0	9.3	8.7	8.0	8.3
28	18.3	17.6	18.0	15.3	14.5	14.7	9.0	8.5	8.7	9.2	8.7	8.9
29	17.6	16.9	17.3	15.7	15.0	15.1	8.5	8.1	8.3	10.0	9.1	9.5
30	16.9	16.3	16.6	16.1	15.4	15.6	8.1	7.4	7.8	10.6	10.0	10.2
31	16.3	15.7	15.9	---	---	---	7.5	7.2	7.4	11.2	10.3	10.7
MONTH	20.5	15.7	18.7	16.1	12.9	14.2	---	---	---	11.2	3.7	6.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	12.4	11.1	11.7	10.8	10.2	10.4	17.8	17.0	17.3	22.6	22.2	22.4
2	12.4	12.0	12.2	10.2	10.0	10.1	17.2	16.7	16.9	22.9	22.2	22.3
3	12.1	12.0	12.1	10.5	10.0	10.2	17.2	16.5	16.8	23.7	22.5	23.0
4	12.0	11.4	11.8	10.5	10.0	10.2	17.4	17.2	17.3	23.0	22.3	22.6
5	11.4	10.4	10.8	10.0	9.7	9.8	17.4	17.0	17.1	22.3	21.8	22.0
6	10.4	9.3	10.0	10.0	9.4	9.7	17.0	16.3	16.7	21.8	21.4	21.5
7	9.3	8.4	8.8	9.9	9.5	9.7	16.3	15.7	16.0	21.8	21.5	21.6
8	8.4	7.9	8.0	10.5	9.6	10.1	16.0	15.4	15.7	22.0	21.6	21.7
9	8.4	7.7	8.0	11.5	10.5	11.0	16.4	15.8	16.0	22.4	21.8	22.1
10	9.0	8.3	8.7	12.2	11.5	11.8	17.2	16.1	16.6	23.4	22.3	22.8
11	9.2	8.9	9.0	12.8	11.9	12.2	17.8	16.8	17.2	24.1	23.1	23.6
12	9.3	9.0	9.2	12.9	12.5	12.7	18.6	17.8	18.2	24.2	23.8	24.1
13	9.1	8.8	8.9	13.3	12.8	13.0	19.5	18.4	19.0	25.3	24.0	24.5
14	8.9	8.6	8.7	14.1	13.2	13.5	20.1	19.1	19.5	25.4	24.8	25.1
15	8.9	8.7	8.8	14.6	13.6	14.0	21.1	19.6	20.0	25.1	24.6	24.8
16	9.1	8.7	8.9	15.2	14.3	14.7	21.3	20.5	20.8	25.0	24.4	24.6
17	9.3	9.0	9.2	15.8	15.1	15.4	22.4	21.2	21.7	24.7	24.2	24.4
18	9.5	9.0	9.3	16.3	15.6	15.9	23.0	22.2	22.6	24.8	24.0	24.4
19	9.6	9.2	9.4	16.5	16.1	16.3	23.7	22.9	23.3	24.0	22.8	23.4
20	9.9	9.1	9.5	16.4	16.0	16.1	24.4	23.6	24.0	22.8	22.2	22.4
21	11.1	9.9	10.3	16.0	15.5	15.9	24.9	24.2	24.5	22.2	21.7	21.9
22	10.9	10.2	10.6	15.5	15.1	15.2	25.3	24.7	24.9	21.7	21.0	21.3
23	10.8	10.5	10.6	15.1	13.8	14.4	25.3	24.6	24.8	21.0	20.4	20.6
24	10.8	10.2	10.6	13.8	13.4	13.5	24.8	24.1	24.3	20.5	20.3	20.4
25	11.1	10.4	10.7	14.0	13.3	13.6	24.3	23.9	24.1	20.6	20.3	20.4
26	11.7	10.9	11.1	15.1	13.7	14.3	24.0	23.3	23.6	20.9	20.4	20.6
27	11.5	11.2	11.3	16.5	15.0	15.6	23.4	22.7	23.0	21.2	20.7	20.9
28	11.2	10.7	10.9	17.3	16.2	16.7	22.9	22.5	22.6	22.0	21.0	21.4
29	---	---	---	17.4	16.7	17.1	22.9	22.5	22.7	22.2	21.4	21.8
30	---	---	---	17.4	16.9	17.2	22.7	22.1	22.4	22.8	21.8	22.2
31	---	---	---	17.2	16.7	16.9	---	---	---	23.4	22.1	22.6
MONTH	12.4	7.7	10.0	17.4	9.4	13.5	25.3	15.4	20.3	25.4	20.3	22.5

02105500 CAPE FEAR RIVER AT WILLIAM O. HUSKE LOCK NEAR TARHEEL, NC--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	24.2	22.8	23.5	---	---	---	31.0	29.9	30.5	25.1	24.7	24.9
2	24.6	23.4	24.0	29.1	28.3	28.6	30.7	29.6	30.0	24.8	24.4	24.6
3	25.0	24.1	24.6	29.1	28.5	28.8	31.4	29.6	30.4	25.3	24.0	24.5
4	25.3	24.5	24.9	---	---	---	30.9	29.7	30.2	25.0	24.1	24.5
5	25.8	24.8	25.2	---	---	---	31.3	29.6	30.4	25.4	24.3	24.7
6	26.4	25.3	25.9	---	---	---	30.9	29.7	30.3	25.4	24.2	24.6
7	27.4	25.9	26.6	---	---	---	30.2	29.3	29.8	25.8	24.4	24.9
8	27.5	26.2	26.8	---	---	---	29.6	28.7	29.1	25.6	24.7	25.2
9	27.0	26.0	26.5	---	---	---	29.5	28.2	28.8	25.9	25.1	25.4
10	26.6	26.0	26.3	29.6	28.5	28.8	29.5	27.8	28.4	26.0	25.1	25.5
11	26.3	25.8	26.2	28.9	28.5	28.8	28.6	27.6	27.9	27.2	25.4	25.8
12	26.3	25.7	26.0	28.6	28.1	28.3	28.1	27.4	27.6	26.5	25.4	25.8
13	26.1	25.8	26.0	28.4	28.0	28.2	28.0	27.4	27.5	25.9	25.3	25.5
14	26.5	25.8	26.1	29.2	28.2	28.5	28.0	27.4	27.6	25.8	25.4	25.5
15	26.9	26.2	26.5	29.3	28.2	28.5	28.1	27.7	27.8	25.8	25.3	25.5
16	27.2	26.4	26.8	30.2	28.2	28.5	28.7	27.8	28.0	26.1	25.2	25.6
17	27.4	26.9	27.1	29.3	28.3	28.8	28.5	27.8	28.0	26.4	25.1	25.6
18	27.4	26.7	27.2	29.2	28.2	28.7	28.7	27.8	28.1	26.1	25.6	25.7
19	27.4	27.0	27.2	29.8	28.0	28.8	29.4	28.1	28.6	26.5	25.5	25.7
20	27.3	26.9	27.1	31.4	28.9	29.5	29.0	28.4	28.6	26.4	25.5	25.7
21	27.1	26.7	26.9	31.2	29.1	29.9	29.4	28.5	28.9	26.6	25.4	25.8
22	26.9	26.5	26.6	30.3	28.5	29.4	29.6	28.6	28.9	26.6	25.4	25.8
23	26.5	26.3	26.4	29.2	28.6	28.9	30.0	28.6	29.0	26.6	25.6	25.9
24	26.5	26.3	26.4	29.4	28.9	29.1	30.0	28.9	29.3	26.0	25.6	25.8
25	26.5	26.2	26.4	29.7	28.9	29.2	31.3	28.9	29.6	26.0	25.5	25.7
26	26.7	26.2	26.5	29.7	29.0	29.3	29.8	29.1	29.3	25.7	25.4	25.5
27	27.0	26.5	26.8	29.4	28.5	28.9	29.3	28.7	28.9	25.9	25.4	25.6
28	28.7	26.9	27.6	30.2	28.8	29.0	28.8	26.9	27.6	27.1	25.8	26.2
29	28.8	27.6	28.0	29.7	28.6	29.1	26.9	24.7	25.7	26.8	25.6	26.0
30	---	---	---	31.1	29.1	29.7	24.8	24.5	24.6	26.0	25.4	25.6
31	---	---	---	32.3	29.8	30.7	25.1	24.8	25.0	---	---	---
MONTH	---	---	---	---	---	---	31.4	24.5	28.5	27.2	24.0	25.4

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	5.9	5.3	5.5	7.3	6.7	7.0	7.2	6.4	6.7	11.2	10.7	10.9
2	6.2	4.9	5.6	7.6	6.9	7.3	7.0	6.2	6.6	11.2	10.6	10.8
3	6.6	5.0	5.8	8.2	7.2	7.7	6.8	6.2	6.6	10.9	10.7	10.8
4	6.7	5.2	6.0	8.5	7.7	8.0	6.9	6.2	6.5	11.2	10.8	11.0
5	6.8	5.4	6.2	8.4	7.8	8.1	6.6	6.1	6.3	11.5	11.1	11.3
6	7.8	5.6	6.4	8.7	7.9	8.2	6.6	6.2	6.4	11.9	11.4	11.6
7	7.7	6.1	6.9	8.3	7.8	8.0	6.7	6.2	6.5	12.1	11.7	11.9
8	7.4	6.2	6.8	8.3	7.6	7.9	7.0	6.4	6.6	12.1	11.8	12.0
9	7.3	5.8	6.6	8.2	7.6	8.0	7.2	6.6	6.8	12.1	11.6	11.9
10	7.9	5.8	6.6	8.6	7.8	8.2	7.2	6.7	6.9	11.7	11.3	11.6
11	7.7	6.1	6.6	9.0	8.3	8.7	---	---	---	11.7	11.3	11.5
12	7.5	6.2	6.9	9.1	8.3	8.7	---	---	---	11.7	11.4	11.6
13	7.4	6.8	7.1	9.4	8.6	8.9	---	---	---	11.6	11.1	11.4
14	7.4	6.9	7.1	9.3	8.6	9.0	8.2	7.8	8.0	11.3	10.8	11.1
15	7.5	6.8	7.1	9.1	8.6	8.9	8.4	7.9	8.2	11.0	10.6	10.8
16	7.4	6.7	7.0	9.2	8.6	8.8	8.5	8.0	8.2	10.8	10.5	10.7
17	7.3	6.6	6.9	8.9	8.4	8.7	8.5	8.0	8.3	10.9	10.4	10.6
18	7.1	6.4	6.7	8.8	8.3	8.5	8.5	8.0	8.2	10.6	10.3	10.5
19	6.9	6.2	6.5	8.6	8.2	8.4	8.4	7.9	8.1	10.7	10.3	10.5
20	6.8	6.2	6.5	8.6	8.2	8.4	8.4	7.9	8.2	11.0	10.3	10.6
21	6.7	6.3	6.5	8.6	8.1	8.3	8.4	8.0	8.2	11.0	10.4	10.7
22	6.8	6.3	6.5	8.5	8.1	8.3	8.7	8.0	8.3	11.3	10.3	10.9
23	6.8	6.3	6.5	8.5	8.1	8.3	9.1	8.2	8.6	11.4	11.0	11.2
24	6.7	6.1	6.4	8.6	8.1	8.4	9.2	8.7	8.9	11.4	10.5	11.0
25	6.9	6.2	6.5	8.7	8.3	8.5	9.4	9.0	9.2	10.9	10.4	10.6
26	6.9	6.3	6.6	8.7	7.7	8.2	9.9	9.1	9.5	10.7	10.3	10.6
27	6.8	6.3	6.6	7.8	7.2	7.4	10.1	9.5	9.7	10.7	10.2	10.5
28	6.8	6.2	6.5	7.6	7.1	7.2	10.5	9.8	10.2	10.5	10.0	10.3
29	7.0	6.2	6.6	7.7	7.0	7.3	10.7	10.1	10.4	10.4	9.7	10.2
30	6.9	6.4	6.6	7.6	6.6	7.0	11.0	10.4	10.7	10.2	9.7	10.0
31	7.1	6.5	6.8	---	---	---	11.1	10.6	10.9	10.2	9.5	9.9
MONTH	7.9	4.9	6.5	9.4	6.6	8.1	---	---	---	12.1	9.5	10.9

CAPE FEAR RIVER BASIN

02105500 CAPE FEAR RIVER AT WILLIAM O. HUSKE LOCK NEAR TARHEEL, NC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.9	9.2	9.6	11.6	9.5	10.4	8.6	8.0	8.2	7.1	6.3	6.6
2	9.6	8.7	9.3	11.4	10.0	10.8	8.4	8.0	8.2	6.7	5.9	6.2
3	9.3	8.5	8.9	11.4	9.8	10.8	8.4	7.8	8.1	7.9	5.6	6.6
4	9.0	8.0	8.6	11.2	10.1	10.8	8.2	7.5	7.9	6.8	6.1	6.3
5	9.2	8.3	8.7	11.2	10.3	10.9	8.2	7.7	8.0	6.2	5.7	6.0
6	9.4	8.2	8.9	10.6	10.1	10.4	8.6	7.6	8.1	5.9	5.4	5.6
7	10.1	8.8	9.6	11.3	10.4	10.8	8.9	7.2	8.4	5.8	5.3	5.5
8	10.7	9.5	10.3	11.1	10.4	10.7	9.7	8.4	9.0	5.8	4.8	5.2
9	10.8	10.3	10.5	10.7	10.3	10.5	9.8	8.5	9.1	5.8	4.9	5.2
10	10.7	9.9	10.4	10.9	10.1	10.5	9.9	8.4	9.0	6.0	4.8	5.4
11	10.5	9.8	10.3	11.2	10.3	10.7	9.2	7.7	8.4	5.8	4.8	5.3
12	10.4	9.7	10.1	11.4	10.5	11.0	8.5	7.5	8.1	6.0	5.0	5.5
13	10.5	9.9	10.2	11.6	10.7	11.2	8.8	7.6	8.1	6.3	4.7	5.3
14	10.6	9.9	10.3	11.3	10.5	10.9	8.1	7.0	7.5	6.9	5.5	6.0
15	10.4	9.6	10.1	10.7	9.9	10.3	7.7	6.9	7.2	6.8	5.6	6.1
16	10.4	9.5	10.0	10.5	9.7	10.1	7.6	6.7	7.0	6.8	5.4	5.9
17	10.2	9.0	9.8	10.2	9.1	9.7	7.6	6.8	7.1	7.0	4.5	6.0
18	10.0	9.0	9.6	9.2	8.3	8.6	7.5	6.5	7.0	7.1	5.0	5.9
19	10.0	8.3	9.3	8.5	7.9	8.2	7.1	6.0	6.5	6.5	5.2	5.7
20	9.8	8.6	9.2	9.0	8.1	8.5	6.7	5.3	6.0	6.4	4.9	5.6
21	10.6	9.0	9.7	8.7	8.2	8.4	6.0	5.1	5.5	6.0	4.8	5.5
22	10.7	9.4	10.2	8.5	8.1	8.3	6.4	5.0	5.4	6.5	5.2	5.7
23	10.6	9.2	10.1	9.1	8.1	8.6	6.2	5.1	5.5	6.5	5.5	5.9
24	10.5	9.1	9.9	9.5	8.9	9.2	6.7	5.3	5.8	---	---	---
25	10.4	8.8	9.7	9.8	9.2	9.5	6.6	5.2	5.9	---	---	---
26	10.5	8.9	9.7	9.9	9.3	9.6	6.7	5.6	6.1	---	---	---
27	10.4	9.1	9.8	10.1	9.1	9.6	7.1	6.2	6.6	---	---	---
28	10.8	8.9	10.0	9.8	8.6	9.3	6.9	6.0	6.5	---	---	---
29	---	---	---	8.9	8.2	8.5	6.8	6.0	6.4	---	---	---
30	---	---	---	8.8	8.1	8.4	6.8	6.1	6.3	---	---	---
31	---	---	---	8.8	8.3	8.5	---	---	---	---	---	---
MONTH	10.8	8.0	9.7	11.6	7.9	9.8	9.9	5.0	7.2	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	---	---	---	---	---	---	8.8	5.0	6.6	3.9	3.5	3.7
2	---	---	---	6.7	3.7	4.6	7.5	4.0	5.3	5.1	3.6	4.1
3	---	---	---	6.4	3.7	4.9	8.8	4.2	6.1	5.8	4.9	5.4
4	---	---	---	---	---	---	---	---	---	5.6	4.9	5.2
5	---	---	---	---	---	---	---	---	---	5.3	4.5	4.9
6	---	---	---	---	---	---	---	---	---	4.7	4.2	4.4
7	---	---	---	---	---	---	---	---	---	5.0	4.1	4.5
8	5.7	3.5	4.6	---	---	---	---	---	---	5.2	4.1	4.7
9	5.3	3.4	4.5	---	---	---	---	---	---	5.5	4.4	4.9
10	5.0	3.9	4.3	6.1	3.5	4.7	9.4	4.2	6.1	5.5	4.4	4.9
11	4.7	3.4	4.1	5.2	3.9	4.6	8.1	4.4	5.5	7.6	4.5	5.4
12	3.9	2.4	3.1	4.9	2.6	3.5	6.0	4.4	5.0	8.2	4.7	6.0
13	2.7	1.9	2.3	4.5	2.6	3.2	5.7	3.7	4.8	6.9	4.8	5.6
14	2.6	1.3	1.8	6.0	2.3	3.7	6.4	3.9	4.9	7.6	4.0	5.4
15	3.4	1.5	2.4	5.4	2.6	3.9	7.4	4.9	5.8	6.5	4.6	5.3
16	4.6	2.1	3.2	6.9	3.1	4.1	9.4	5.8	6.4	6.8	4.7	5.5
17	4.8	2.9	3.8	6.5	3.5	5.1	7.3	4.2	5.6	6.4	4.8	5.4
18	4.8	2.7	3.8	6.7	2.3	4.7	8.0	4.7	6.0	5.7	4.6	5.0
19	4.9	3.6	4.3	6.7	1.9	4.2	9.6	5.4	7.0	5.7	4.5	4.9
20	5.4	3.8	4.3	8.1	4.0	5.6	7.9	5.6	6.4	5.7	4.6	5.1
21	5.7	3.5	4.5	8.1	4.9	6.2	7.9	4.8	6.4	6.2	4.6	5.2
22	4.9	3.4	4.1	---	---	---	9.0	5.5	7.1	6.5	4.8	5.5
23	4.9	3.3	4.0	---	---	---	10.6	4.8	7.0	6.1	5.0	5.5
24	4.5	3.2	3.9	---	---	---	10.3	5.4	7.9	5.6	4.6	5.1
25	4.3	3.1	3.7	---	---	---	12.7	5.8	8.7	5.2	4.4	4.8
26	4.1	3.0	3.5	---	---	---	9.7	5.9	7.3	5.0	4.2	4.4
27	4.8	3.2	3.9	---	---	---	7.1	5.2	5.8	4.9	4.2	4.5
28	9.9	4.0	6.6	6.0	4.0	5.0	5.6	3.7	4.3	6.7	4.6	5.4
29	9.7	6.4	7.4	5.5	3.7	4.3	4.2	3.6	3.9	7.3	4.8	5.6
30	---	---	---	7.3	4.1	5.1	4.0	3.6	3.8	7.7	4.0	5.6
31	---	---	---	9.8	4.5	6.9	3.8	3.4	3.6	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	8.2	3.5	5.1

02105500 CAPE FEAR RIVER AT WILLIAM O. HUSKE LOCK NEAR TARHEEL, NC--Continued

OXYGEN DISSOLVED (% OF SATURATION), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	65	59	61	74	68	70	73	66	69	93	88	91
2	68	54	61	76	69	73	72	64	68	92	86	88
3	71	54	63	83	72	78	70	64	67	87	86	87
4	73	56	65	86	78	81	71	64	67	88	86	87
5	75	60	68	84	78	81	67	62	64	89	87	88
6	86	61	71	86	78	82	66	62	64	91	88	89
7	85	67	76	82	77	79	67	62	64	93	89	91
8	82	68	75	82	75	78	70	63	66	92	90	91
9	80	63	71	82	75	79	71	65	67	92	89	91
10	85	63	71	85	77	80	70	66	68	91	88	89
11	83	65	70	89	81	85	---	---	---	92	88	91
12	80	67	73	89	81	85	---	---	---	93	91	92
13	79	73	76	90	83	86	---	---	---	93	90	92
14	80	74	76	89	83	86	79	75	77	92	89	90
15	82	73	77	88	82	85	82	77	80	90	87	88
16	81	72	76	89	81	84	82	78	80	90	87	88
17	79	72	74	86	80	83	82	78	80	89	86	88
18	77	69	72	85	80	82	82	78	80	88	86	87
19	74	66	70	83	79	81	81	76	78	89	86	88
20	72	67	69	84	79	81	80	76	78	91	86	88
21	71	67	69	83	78	80	80	76	78	92	86	89
22	73	67	69	81	77	79	80	75	77	91	85	88
23	73	67	69	81	77	79	83	76	79	92	88	90
24	72	65	68	83	77	80	84	79	81	94	88	91
25	76	67	71	83	80	81	84	80	82	91	88	90
26	75	68	72	83	75	80	87	81	84	91	87	90
27	73	68	70	76	71	72	88	83	85	91	88	89
28	72	66	69	76	70	71	90	85	87	91	87	89
29	73	65	69	77	70	73	91	86	89	91	86	89
30	71	66	68	76	67	70	92	88	90	91	87	89
31	72	66	69	---	---	---	93	89	90	91	87	89
MONTH	86	54	70	90	67	79	---	---	---	94	85	89

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	91	86	89	104	85	94	89	83	86	82	72	77
2	89	82	87	102	89	96	87	82	85	77	55	72
3	87	79	83	102	87	96	86	80	84	94	65	77
4	83	74	80	101	90	96	85	79	82	80	71	74
5	83	75	79	99	91	96	85	80	83	72	65	69
6	82	73	79	94	88	91	89	78	84	68	61	64
7	86	77	83	100	91	96	90	73	85	66	60	63
8	91	81	87	98	93	95	98	84	90	67	54	59
9	92	87	89	98	94	95	100	86	92	67	56	60
10	91	86	89	101	93	97	103	85	93	71	56	63
11	91	85	89	106	96	100	96	81	88	69	57	63
12	90	84	88	108	99	103	90	80	86	72	60	66
13	91	86	88	110	102	106	96	82	88	76	57	64
14	91	85	88	108	100	105	89	76	82	85	67	73
15	90	83	87	104	97	100	87	75	79	83	68	73
16	90	82	87	104	95	100	86	75	79	82	65	71
17	89	79	85	102	92	97	87	77	81	84	54	72
18	88	78	84	93	84	88	88	76	81	86	60	71
19	88	73	81	87	81	84	84	71	77	77	61	67
20	87	74	81	92	82	87	80	64	71	75	57	64
21	95	80	87	88	82	85	72	62	66	69	55	63
22	97	85	91	85	81	83	78	61	65	74	59	65
23	95	83	91	88	80	84	76	62	66	73	61	66
24	95	82	89	91	86	88	81	64	69	---	---	---
25	94	80	88	95	88	91	79	61	70	---	---	---
26	95	81	89	98	90	94	79	66	72	---	---	---
27	96	83	90	103	91	96	83	73	78	---	---	---
28	99	81	91	101	90	96	80	70	76	---	---	---
29	---	---	---	92	86	89	79	69	74	---	---	---
30	---	---	---	91	84	87	79	70	73	---	---	---
31	---	---	---	91	86	88	---	---	---	---	---	---
MONTH	99	73	86	110	80	94	103	61	80	---	---	---

