#### WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1956 to 1996, September 1999, 2003 to December 2004 (discontinued).

PERIOD OF DAILY RECORD .--

SPECIFIC CONDUCTANCE: January 1973 to September 1984, September 2003 to December 2004.

SALINITY: September 2003 to December 2004.

pH: September 2003 to December 2004.
WATER TEMPERATURE: January 1973 to September 1984, September 2003 to December 2004.
DISSOLVED OXYGEN: September 2003 to December 2004.

DISSOLVED OXYGEN, PERCENT SATURATION: September 2003 to December 2004.

INSTRUMENTATION.--Water-quality monitor from May 1973 to September 1984 and September 2003 to December 2004.

REMARKS.--Station operated as part of NASQAN network from January 1973 to 1995. Station currently operated in cooperation with the North Carolina Department of Environment and Natural Resources. Daily records of specific conductance for period October 1956 to September 1961 are available in the files of the District office in Raleigh. During period 1956-73, data were collected at bridge on State Highway 11 located 2 mi downstream and published as Cape Fear River near Acme (station 02105771). Salinity and dissolved oxygen, percent saturation are computed. The salinity is computed from specific conductance using the conversion from U.S. Geological Survey Water-Supply Paper 2311. The dissolved oxygen, percent saturation is computed using a barometric pressure of 760 mm of Hg.

#### EXTREMES FOR PERIOD OF DAILY RECORD.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE, microsiemens	317, October 19, 20, 1976	40, June 26, 1973
SALINITY, ppt	0.07, on several days during the period	0.02, September 3, 11, 12, 22, 2004
pH, standard units	7.4, April 12, 13, 2004	6.0, June 16, 2004
WATER TEMPERATURE, °C	32.0, July 9, 19, 20, 21, 1977, August 10, 1979	0.5, January 24, 1976
DISSOLVED OXYGEN, mg/L	11.9, December 13, 2003	4.7, June 3, 2004, September 15, 16, 2004
DISSOLVED OXYGEN, PERCENT SATURATION,%	101, December 13, 2003	5.6, September 15, 16, 2004

#### EXTREMES FOR CURRENT PERIOD .--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE, microsiemens	178, August 7, 2004	61, September 3, 11, 2004
SALINITY, ppt	0.07, on several days during the period	0.02, September 3, 11, 12, 22, 2004
pH, standard units	7.4, April 12, 13, 2003	6.0, June 16, 2004
WATER TEMPERATURE, °C	31.2, July 15, 16, 2004	3.9, February 2, 2004
DISSOLVED OXYGEN, mg/L	11.9, December 13, 2003	4.7, June 3, 2004, September 15, 16, 2004
DISSOLVED OXYGEN, PERCENT SATURATION,%	101, December 13, 2003	56, September 15, 16, 2004

### 02105769 CAPE FEAR RIVER AT LOCK 1 NEAR KELLY, 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
		JUNE			JULY			AUGUST	,	S	EPTEMBI	ER
1												
2												
3												
4												
5												
6												
7												
8												
9										104	88	94
10										91	87	89
11										87	76	81
12										87	79	81
13										83	80	81
14										90	82	86
15										94	90	92
16										96	93	95
17										98	96	97
18										100	98	99
19										100	94	97
20										95	92	93
21										94	89	92
22										89	76	80
23										98	75	84
24										98	76	90
25										95	74	83
26										102	95	97
27										102	81	89
28										82	73	76
29										74	73	73
30										80	74	77
31												
MONTH												

# SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER		N	OVEMBE	R	D	ECEMBE	R		JANUARY	•
1 2 3 4 5	83 86 88 90 92	79 83 86 88 89	81 85 87 89 91	102 90 87 88 97	86 86 84 83 88	95 89 85 85 93	122 123 119 127 127	117 116 116 119 124	119 120 117 123 126	91 90 92 93 96	89 88 90 91 92	90 89 91 91 94
6 7 8 9 10	94 97 97 96 96	91 94 94 94 94	93 96 96 95 95	98 98 99 103 109	97 95 96 98 102	98 96 98 101 105	124 123 121 123 123	123 120 120 121 121	123 122 120 122 123	95 95 96 95 94	92 92 94 93 92	93 93 95 94 93
11 12 13 14 15	97 97 95 94 94	95 95 92 92 92	96 96 94 93 93	112 120 120 119 120	108 112 119 117 118	111 116 120 118 119	122 120 117 109 114	119 116 104 101 87	120 118 114 103 103	92 92 91 96 99	91 90 89 90 95	92 91 90 93 97
16 17 18 19 20	92 92 90 88 85	91 88 88 84 83	91 90 89 86 84	121 122 124 124 127	119 120 122 122 122	120 121 123 123 124	100 102 102 101 98	87 98 95 94 92	94 100 97 98 94	99 97 97 98 99	94 93 94 96 98	97 95 95 97 99
21 22 23 24 25	85 87 95 96 96	84 84 87 93 94	84 85 91 95 95	127 122 117 117 108	121 117 115 108 107	125 120 116 115 108	105 106 105 100 98	98 104 100 97 96	102 105 103 98 97	101 102 101 103 104	99 98 98 101 102	100 101 100 102 103
26 27 28 29 30 31	95 96 98 109 122 122	94 94 95 98 108 102	94 95 96 105 118 114	109 107 108 115 118	107 103 103 108 114	108 105 105 113 116	101 103 102 96 88 89	97 101 96 88 87 86	99 102 100 91 87 87	102 98 103 106 106 105	97 96 97 103 105 103	99 96 100 104 106 104
				405			405	0.6		106	0.0	0.6
MONTH	122	79	93	127	83	109	127	86	107	106	88	96
	1	FEBRUAR	Y	127	83 MARCH	109	127	APRIL			MAY	
MONTH  1 2 3 4 5				   		   	127  96 96 97		107  95 95 96	121 124  		116 123 
1 2 3 4	109 110 107 106	102 106 103 103	104 108 104 105	  	MARCH	  	  96 96	APRIL  94 94	 95 95	121 124 	MAY 114 121 	116 123 
1 2 3 4 5 6 7 8 9	109 110 107 106 	102 106 103 103 	104 108 104 105 	     104	MARCH 103	    104	96 96 97 99 101 100 99	APRIL 94 94 95 96 99 96	 95 95 96 96 100 98	121 124   	MAY 114 121	116 123   
1 2 3 4 5 6 7 8 9 10 11 12 13 14	109 110 107 106    	102 106 103 103   	104 108 104 105 	   104 100 	MARCH 103 100 93	   104 103 96	96 96 97 99 101 100 99 105 107 112 117	APRIL 94 94 95 96 99 96 96 91 104 106 112 110	95 95 96 96 100 98 97 103 106 110 114	121 124     108 112 113	MAY  114 121 104 108 111	116 123     106 111 112
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	109 110 107 106      	FEBRUARY  102 106 103 103	104 108 104 105 	104	MARCH 103 100 93	104 103 96	96 96 97 99 101 100 99 105 107 112 117 113 111 96 92 103 110	APRIL 94 94 95 96 99 96 96 99 104 106 112 110 96 88 90 91 103	95 95 96 96 100 98 97 103 106 110 114 112 100 90 91 98 106	121 124     108 112 113 117 119 120 120 119	MAY  114 121 104 108 111 113 117 118 119 117	116 123     106 111 112 115 118 118 120 118
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	109 110 107 106	FEBRUARY  102 106 103 103	104 108 104 105 	104 100	MARCH 103 100 93	104 103 96	96 96 97 99 101 100 99 105 107 112 117 113 111 96 92 103 110 113 126 131 130 129	APRIL 94 94 95 96 99 96 96 99 104 106 112 110 96 88 90 91 103 109 113 126 128 125	95 95 96 100 98 97 103 106 110 114 112 100 90 91 98 106 112	121 124    108 112 113 117 119 120 120 119 118 119 120 119 118 123 122 126 119 111	MAY  114 121 104 108 111 113 117 118 119 117 114 115 119 117 117 118 120 119 110 107	116 123 106 111 112 115 118 118 120 118 118 120 118 118 121 118 119 118 118 120 118 119 118 119 118 119 118 119 118 119 118 119 119
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	109 110 107 106	FEBRUARY  102 106 103 103	104 108 104 105	104 100	MARCH 103 100 93	104 103 96	96 96 97 99 101 100 99 105 107 112 117 113 111 96 92 103 110 113 126 131 130 129 125 124 122 125 126	APRIL 94 94 95 96 99 96 96 99 104 106 112 110 96 88 90 91 103 109 113 126 128 125 124 121 119 119	95 96 96 100 98 97 103 106 110 114 112 100 90 91 98 106 112 118 129 129 127 124 123 120 121	121 124 108 112 113 117 119 120 120 119 118 119 120 119 118 121 131 117	MAY  114 121 104 108 111 113 117 118 119 117 114 115 119 117 118 120 119 110 107	116 123 106 111 112 115 118 118 120 118 116 118 120 118 116 118 121 120 131 140 150 160 170 180 180 180 180 180 180 180 180 180 18

# SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST		S	ЕРТЕМВІ	ER
1 2	112 113	107 108	110 112				153 153	150 146	152 151	114 98	74 64	90 79
3	113	104	107				146	127	135	66	61	63
4	105	102	104				147	127	136	75	66	71
5	103	100	101				157	146	151	85	71	78
6	108	100	103				176	157	168	94	85	89
7	110	108	109				178	166	173	98	94	96
8	117	110	113				167	157	161	101	97	99
9							158	147	151	103	100	101
10							149	147	148	104	69	84
11							152	149	150	84	61	66
12							153	148	151	79	62	69
13							153	144	149	75	69	70
14							146	120	133	85	71	79
15				149	144	146	122	108	116	90	85	87
16				154	145	150	134	105	115	98	90	94
17				156	154	155	139	101	126	102	97	100
18				156	154	155	101	68	83	102	95	99
19				156	153	155	74	67	70	96	91	94
20				154	149	151	79	74	77	91	78	85
21				152	149	150	92	78	82	78	74	75
22				153	148	151	108	92	102	74	62	67
23				148	133	141	126	106	113	78	73	77
24				133	127	130	137	126	133	88	78	83
25				141	129	135	137	116	127	105	88	98
26				145	140	142	118	116	117	110	105	108
27				149	144	147	120	116	117	110	108	109
28				150	148	149	124	120	122	108	106	107
29				150	147	148	125	124	124	111	106	109
30				148	142	145	125	118	122	114	109	112
31				153	144	150	119	110	114			
MONTH							178	67	128	114	61	88

# SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER	₹	N	OVEMBE	ER	D	ECEMBE	ER	J	JANUAR'	Y
1	109	93	99	120	120	120	122	122	122			
2	124	93	113	120	120	120	123	112	115			
2 3	106	80	89	120	120	120						
4	93	80	88	120	120	120						
5	102	93	97	120	120	120						
6	102	99	101	130	120	128						
7	100	96	97	130	130	130						
8	103	100	102	130	130	130						
9	108	103	105	130	130	130						
10	109	107	108	130	130	130						
11	109	107	108	131	121	130						
12	108	107	108	122	120	121						
13	110	108	109	122	122	122						
14	109	106	108	123	122	122						
15	107	103	105	123	123	123						
4.6	400	405	405	101		404						
16	108	105	107	124	123	124						
17	109	107	108	124	94	119						
18	108	103	106	105	94	99						
19	104	100	102	136	105	118						
20	103	100	101	176	136	161						
21	110	100	103	176	156	162						
22				157	147	150						
23				148	137	147						
24				148	138	142						
25				139	138	139						
23				137	130	137						
26	110	110	110	139	139	139						
27	110	110	110	140	130	135						
28	110	110	110	130	120	127						
29	120	110	119	121	121	121						
30	120	120	120	122	111	118						
31	120	120	120									
MONTH				176	94	129						
					-	-						

### 02105769 CAPE FEAR RIVER AT LOCK 1 NEAR KELLY, NC—Continued

# SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST	,	Si	ЕРТЕМВІ	ER
1												
2												
3												
4												
5												
6												
7												
8												
9										0.04	0.04	0.04
10										0.04	0.03	0.04
11										0.03	0.03	0.03
12										0.03	0.03	0.03
13										0.03	0.03	0.03
14										0.04	0.03	0.03
15										0.04	0.04	0.04
16										0.04	0.04	0.04
17										0.04	0.04	0.04
18										0.04	0.04	0.04
19										0.04	0.04	0.04
20										0.04	0.04	0.04
21										0.04	0.04	0.04
22										0.04	0.03	0.03
23										0.04	0.03	0.03
24										0.04	0.03	0.04
25										0.04	0.03	0.03
26										0.04	0.04	0.04
27										0.04	0.03	0.04
28										0.03	0.03	0.03
29										0.03	0.03	0.03
30										0.03	0.03	0.03
31												
MONTH												

# SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBE			ЕСЕМВЕ			JANUARY	
1 2 3 4 5	0.03 0.03 0.04 0.04 0.04	0.03 0.03 0.03 0.04 0.04	0.03 0.03 0.03 0.04 0.04	0.04 0.04 0.03 0.04 0.04	0.03 0.03 0.03 0.03 0.04	0.04 0.04 0.03 0.03 0.04	0.05 0.05 0.05 0.05 0.05	0.05 0.05 0.05 0.05 0.05	0.05 0.05 0.05 0.05 0.05	0.04 0.04 0.04 0.04 0.04	0.04 0.04 0.04 0.04 0.04	0.04 0.04 0.04 0.04 0.04
6 7 8 9 10	0.04 0.04 0.04 0.04 0.04	0.04 0.04 0.04 0.04 0.04	0.04 0.04 0.04 0.04 0.04	0.04 0.04 0.04 0.04 0.04	0.04 0.04 0.04 0.04 0.04	0.04 0.04 0.04 0.04 0.04	0.05 0.05 0.05 0.05 0.05	0.05 0.05 0.05 0.05 0.05	0.05 0.05 0.05 0.05 0.05	0.04 0.04 0.04 0.04 0.04	0.04 0.04 0.04 0.04 0.04	0.04 0.04 0.04 0.04 0.04
11 12 13 14 15	0.04 0.04 0.04 0.04 0.04	0.04 0.04 0.04 0.04 0.04	0.04 0.04 0.04 0.04 0.04	0.04 0.05 0.05 0.05 0.05	0.04 0.04 0.05 0.05 0.05	0.04 0.05 0.05 0.05 0.05	0.05 0.05 0.05 0.04 0.05	0.05 0.05 0.04 0.04 0.03	0.05 0.05 0.05 0.04 0.04	0.04 0.04 0.04 0.04 0.04	0.04 0.04 0.04 0.04 0.04	0.04 0.04 0.04 0.04 0.04
16 17 18 19 20	0.04 0.04 0.04 0.04 0.03	0.04 0.04 0.04 0.03 0.03	0.04 0.04 0.04 0.03 0.03	0.05 0.05 0.05 0.05 0.05	0.05 0.05 0.05 0.05 0.05	0.05 0.05 0.05 0.05 0.05	0.04 0.04 0.04 0.04 0.04	0.03 0.04 0.04 0.04 0.04	0.04 0.04 0.04 0.04 0.04	0.04 0.04 0.04 0.04 0.04	0.04 0.04 0.04 0.04 0.04	0.04 0.04 0.04 0.04 0.04
21 22 23 24 25	0.03 0.03 0.04 0.04 0.04	0.03 0.03 0.03 0.04 0.04	0.03 0.03 0.04 0.04 0.04	0.05 0.05 0.05 0.05 0.04	0.05 0.05 0.05 0.04 0.04	0.05 0.05 0.05 0.05 0.04	0.04 0.04 0.04 0.04 0.04	0.04 0.04 0.04 0.04 0.04	0.04 0.04 0.04 0.04 0.04	0.04 0.04 0.04 0.04 0.04	0.04 0.04 0.04 0.04 0.04	0.04 0.04 0.04 0.04 0.04
26 27 28 29 30 31	0.04 0.04 0.04 0.04 0.05 0.05	0.04 0.04 0.04 0.04 0.04 0.04	0.04 0.04 0.04 0.04 0.05 0.05	0.04 0.04 0.04 0.05 0.05	0.04 0.04 0.04 0.04 0.05	0.04 0.04 0.04 0.05 0.05	0.04 0.04 0.04 0.04 0.04 0.04	0.04 0.04 0.04 0.04 0.03 0.03	0.04 0.04 0.04 0.04 0.03 0.03	0.04 0.04 0.04 0.04 0.04 0.04	0.04 0.04 0.04 0.04 0.04 0.04	0.04 0.04 0.04 0.04 0.04 0.04
MONTH	0.05	0.03	0.04	0.05	0.03	0.04	0.05	0.03	0.04	0.04	0.04	0.04
MONTH		0.03 FEBRUARY		0.05	0.03 MARCH	0.04	0.05	0.03 APRIL	0.04	0.04	0.04 MAY	0.04
MONTH  1 2 3 4 5				0.05		0.04	0.05  0.04 0.04 0.04		0.04  0.04 0.04 0.04	0.04 0.05 0.05 		0.04 0.05 0.05  
1 2 3 4	0.04 0.04 0.04 0.04	0.04 0.04 0.04 0.04 0.04	0.04 0.04 0.04 0.04	  	MARCH	  	 0.04 0.04	APRIL  0.04 0.04	 0.04 0.04	0.05 0.05 	MAY 0.05 0.05 	0.05 0.05 
1 2 3 4 5 6 7 8 9	0.04 0.04 0.04 0.04 	0.04 0.04 0.04 0.04 	0.04 0.04 0.04 0.04 	     0.04	MARCH 0.04	     0.04	0.04 0.04 0.04 0.04 0.04 0.04 0.04	APRIL 0.04 0.04 0.04 0.04 0.04 0.04 0.04	 0.04 0.04 0.04 0.04 0.04 0.04 0.04	0.05	MAY 0.05 0.05   	0.05
1 2 3 4 5 6 7 8 9 10 11 12 13 14	0.04 0.04 0.04 0.04 	FEBRUARY 0.04 0.04 0.04	0.04 0.04 0.04 0.04 	    0.04 0.04	MARCH 0.04 0.04 0.04	   0.04 0.04 	0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04	APRIL 0.04 0.04 0.04 0.04 0.04 0.04 0.04	0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04	0.05 0.05      0.04 0.04 0.05	MAY 0.05 0.05 0.04 0.04 0.04	0.05 0.05      0.04 0.04 0.04
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	0.04 0.04 0.04 0.04	FEBRUARY  0.04 0.04 0.04	0.04 0.04 0.04 0.04 	   0.04 0.04  	MARCH 0.04 0.04	0.04	0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04	APRIL 0.04 0.04 0.04 0.04 0.04 0.04 0.04	 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0	0.05 0.05      0.04 0.04 0.05 0.05 0.05 0.05 0.05	MAY 0.05 0.05 0.04 0.04 0.04 0.04	0.05 0.05      0.04 0.04 0.04 0.05 0.05 0.05 0.05
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	0.04 0.04 0.04 0.04	FEBRUARY  0.04 0.04 0.04 0.04	0.04 0.04 0.04 0.04 0.04 	0.04 0.04 0.04	MARCH 0.04 0.04	0.04	0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.05 0.05	APRIL 0.04 0.04 0.04 0.04 0.04 0.04 0.04	0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04	0.05 0.05 0.05 0.04 0.04 0.05 0.05 0.05 0.05 0.05 0.05	MAY 0.05 0.05 0.05 0.04 0.04 0.05 0.05 0.05 0.05 0.05 0.05	0.05 0.05      0.04 0.04 0.05 0.05 0.05 0.05 0.05 0.05

### 02105769 CAPE FEAR RIVER AT LOCK 1 NEAR KELLY, NC—Continued

### SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUED WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST		SI	EPTEMBI	ER
1 2 3 4 5	0.04 0.05 0.05 0.04 0.04	0.04 0.04 0.04 0.04 0.04	0.04 0.04 0.04 0.04 0.04	  	  	  	0.06 0.06 0.06 0.06 0.06	0.06 0.06 0.05 0.05 0.06	0.06 0.06 0.05 0.05 0.06	0.05 0.04 0.03 0.03 0.03	0.03 0.03 0.02 0.03 0.03	0.04 0.03 0.03 0.03 0.03
6 7 8 9	0.04 0.04 0.05 	0.04 0.04 0.04 	0.04 0.04 0.05	  	  	  	0.07 0.07 0.07 0.06 0.06	0.06 0.07 0.06 0.06 0.06	0.07 0.07 0.06 0.06 0.06	0.04 0.04 0.04 0.04 0.04	0.03 0.04 0.04 0.04 0.03	0.04 0.04 0.04 0.04 0.03
11 12 13 14 15	   	  	  	   0.06	   0.06	   0.06	0.06 0.06 0.06 0.06 0.05	0.06 0.06 0.06 0.05 0.04	0.06 0.06 0.06 0.05 0.05	0.03 0.03 0.03 0.03 0.04	0.02 0.02 0.03 0.03 0.03	0.03 0.03 0.03 0.03 0.03
16 17 18 19 20	   	  	  	0.06 0.06 0.06 0.06 0.06	0.06 0.06 0.06 0.06 0.06	0.06 0.06 0.06 0.06 0.06	0.05 0.06 0.04 0.03 0.03	0.04 0.04 0.03 0.03 0.03	0.05 0.05 0.03 0.03 0.03	0.04 0.04 0.04 0.04 0.04	0.04 0.04 0.04 0.04 0.03	0.04 0.04 0.04 0.04 0.03
21 22 23 24 25	   	  	  	0.06 0.06 0.06 0.05 0.06	0.06 0.06 0.05 0.05 0.05	0.06 0.06 0.06 0.05 0.05	0.04 0.04 0.05 0.05 0.05	0.03 0.04 0.04 0.05 0.05	0.03 0.04 0.05 0.05 0.05	0.03 0.03 0.03 0.04 0.04	0.03 0.02 0.03 0.03 0.04	0.03 0.03 0.03 0.03 0.04
26 27 28 29 30 31	   	   	   	0.06 0.06 0.06 0.06 0.06 0.06	0.06 0.06 0.06 0.06 0.06 0.06	0.06 0.06 0.06 0.06 0.06 0.06	0.05 0.05 0.05 0.05 0.05 0.05	0.05 0.05 0.05 0.05 0.05 0.04	0.05 0.05 0.05 0.05 0.05 0.05	0.04 0.04 0.04 0.04 0.05	0.04 0.04 0.04 0.04 0.04	0.04 0.04 0.04 0.04 0.04
MONTH							0.07	0.03	0.05	0.05	0.02	0.04

# SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		ОСТОВЕ	3	N	OVEMBE	ER	Б	ECEMBE	ER.	j	JANUAR'	Y
1	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05			
2	0.05	0.04	0.05	0.05	0.05	0.05	0.05	0.04	0.05			
3	0.04	0.03	0.04	0.05	0.05	0.05						
4	0.04	0.03	0.04	0.05	0.05	0.05						
5	0.04	0.04	0.04	0.05	0.05	0.05						
6	0.04	0.04	0.04	0.05	0.05	0.05						
7	0.04	0.04	0.04	0.05	0.05	0.05						
8	0.04	0.04	0.04	0.05	0.05	0.05						
9	0.04	0.04	0.04	0.05	0.05	0.05						
10	0.04	0.04	0.04	0.05	0.05	0.05						
11	0.04	0.04	0.04	0.05	0.05	0.05						
12	0.04	0.04	0.04	0.05	0.05	0.05						
13	0.04	0.04	0.04	0.05	0.05	0.05						
14	0.04	0.04	0.04	0.05	0.05	0.05						
15	0.04	0.04	0.04	0.05	0.05	0.05						
16	0.04	0.04	0.04	0.05	0.05	0.05						
17	0.04	0.04	0.04	0.05	0.04	0.05						
18	0.04	0.04	0.04	0.04	0.04	0.04						
19	0.04	0.04	0.04	0.05	0.04	0.05						
20	0.04	0.04	0.04	0.07	0.05	0.06						
21	0.04	0.04	0.04	0.07	0.06	0.06						
22				0.06	0.06	0.06						
23				0.06	0.05	0.06						
24				0.06	0.06	0.06						
25				0.06	0.06	0.06						
26	0.04	0.04	0.04	0.06	0.06	0.06						
27	0.04	0.04	0.04	0.06	0.05	0.05						
28	0.04	0.04	0.04	0.05	0.05	0.05						
29	0.05	0.04	0.05	0.05	0.05	0.05						
30	0.05	0.05	0.05	0.05	0.04	0.05						
31	0.05	0.05	0.05									
MONTH				0.07	0.04	0.05						

### 02105769 CAPE FEAR RIVER AT LOCK 1 NEAR KELLY, 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
		JUNE			JULY			AUGUST	,	S	EPTEMBI	ER
1												
2												
3												
4												
5												
6												
7												
8												
9										6.8	6.7	6.8
10										6.9	6.6	6.8
11										6.9	6.7	6.7
12										6.8	6.7	6.7
13										6.7	6.6	6.7
14										6.7	6.6	6.7
15										6.8	6.7	6.7
16										6.8	6.7	6.7
17										6.8	6.7	6.7
18										6.9	6.7	6.8
19										6.8	6.7	6.8
20										6.8	6.6	6.7
21										6.8	6.4	6.6
22										6.9	6.3	6.5
23										7.0	6.4	6.6
24										6.9	6.3	6.6
25										7.0	6.3	6.5
26										7.1	6.5	6.7
27										7.0	6.4	6.7
28										6.9	6.3	6.6
29										6.8	6.3	6.6
30										6.9	6.3	6.5
31												
MONTH												

# PH, WATER, UNFILTERED, FIELD, STANDARD UNITS WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER	2	N	OVEMBE	R	D	ECEMBE	R		JANUARY	7
1 2 3 4 5	6.7 6.6 6.7 6.9 7.1	6.3 6.3 6.3 6.3	6.4 6.3 6.4 6.4 6.5	6.9 6.7 6.9 6.9	6.5 6.5 6.4 6.5 6.5	6.7 6.6 6.7 6.7 6.8	7.2 7.2 7.0 7.0 7.0	6.8 6.8 6.8 6.8	6.9 7.0 6.9 6.9 6.9	6.8 6.8 6.7 6.8 6.8	6.6 6.6 6.6 6.5	6.7 6.7 6.7 6.7
6 7 8 9 10	6.9 7.1 6.9 6.8 6.9	6.3 6.2 6.2 6.2 6.5	6.4 6.4 6.3 6.4 6.6	6.9 6.9 6.9 7.0 7.0	6.8 6.6 6.6 6.7 6.8	6.9 6.8 6.8 6.9	7.1 7.1 7.0 7.1 7.0	6.9 6.9 6.9 6.9	7.0 7.0 7.0 7.0 7.0	6.8 6.9 6.9 6.9 7.0	6.7 6.8 6.8 6.8 6.8	6.8 6.8 6.9 6.9
11 12 13 14 15	6.8 6.8 6.8 6.8	6.5 6.5 6.5 6.5 6.6	6.6 6.6 6.7 6.6 6.7	7.0 7.0 7.1 7.2 7.2	6.9 6.7 6.7 6.8 6.8	6.9 6.8 6.8 7.0 6.9	7.0 7.0 7.0 7.0 7.0	6.8 6.7 6.8 6.7 6.6	6.9 6.9 6.9 6.8	7.0 6.9 6.9 6.9	6.8 6.8 6.8 6.8	6.9 6.9 6.8 6.8 6.9
16 17 18 19 20	6.8 6.9 6.8 6.9	6.5 6.6 6.6 6.5 6.6	6.7 6.7 6.7 6.7 6.7	7.1 7.1 7.1 6.9 7.0	6.7 6.8 6.7 6.7	6.9 6.8 6.8 6.8	6.9 7.0 7.0 6.9 7.0	6.5 6.7 6.7 6.7	6.8 6.8 6.8 6.8	7.0 7.0 6.9 7.0 7.0	6.9 6.8 6.8 6.8 6.9	6.9 6.9 6.8 6.9 7.0
21 22 23 24 25	6.8 6.8 6.9 6.9	6.4 6.5 6.7 6.7	6.7 6.7 6.8 6.8 6.8	7.2 7.0 6.9 7.0 7.0	6.8 6.8 6.7 6.7	6.8 6.8 6.8 6.8	7.0 6.9 6.9 7.0 6.9	6.8 6.8 6.7 6.8	6.9 6.9 6.9 6.8 6.8	7.0 7.0 7.0 7.0 7.1	6.9 6.9 6.9 6.9 7.0	7.0 7.0 7.0 7.0 7.0
26 27 28 29 30 31	6.9 6.9 6.9 7.0 7.0	6.6 6.7 6.7 6.8 6.7 6.7	6.8 6.8 6.8 6.8 6.8	6.9 6.8 6.9 7.2 7.3	6.7 6.7 6.6 6.8 6.8	6.8 6.7 6.7 6.9 7.0	6.9 7.0 7.0 6.8 6.8 6.8	6.8 6.8 6.7 6.6 6.6	6.9 6.9 6.8 6.7 6.7	7.0 7.0 7.0 7.0 7.1 7.1	7.0 6.9 6.9 6.9 6.9 7.0	7.0 7.0 7.0 7.0 7.0 7.0
MONTH	7.1	6.2	6.6	7.3	6.4	6.8	7.2	6.5	6.9	7.1	6.5	6.9
		FEBRUAR			MARCH			APRIL			MAY	
1 2 3 4 5	7.1 7.1 7.0 7.1	7.0 6.9 6.9 7.0	7.0 7.0 7.0 7.0	  	  	   	7.0 7.1 7.2	6.9 6.9 6.9	6.9 7.0 7.0	6.7 6.8 	6.3 6.3 	6.5 6.5 
6 7 8 9 10	  	   	  	  6.9 7.0	  6.7 6.7	6.8 6.8	7.1 7.2 7.1 7.2 7.3	6.9 7.0 7.0 7.0 7.0	7.0 7.0 7.0 7.0 7.1	   	   	   
11 12 13 14 15	   	  	  	7.0   	6.7   	6.9   	7.3 7.4 7.4 7.1 7.0	7.1 7.1 6.7 6.6 6.3	7.2 7.2 7.2 6.9 6.7	6.4 6.5 6.5 6.6	6.4 6.4 6.4 6.5	6.4 6.4 6.5 6.5
16 17 18 19 20	  	  	  	  	  	  	6.9 7.0 7.1 7.0 7.1	6.3 6.4 6.5 6.6 6.5	6.7 6.8 6.9 6.9 6.8	6.6 6.6 6.7 6.6 6.6	6.5 6.5 6.5 6.5	6.6 6.6 6.5 6.5
21 22 23 24 25	  	  	  	  	   	  	7.1 7.1 7.1 7.2 7.2	6.6 6.7 6.6 6.6 6.6	6.8 6.9 6.9 6.9 6.8	6.7 6.7 6.7 6.7 6.7	6.4 6.4 6.4 6.5	6.5 6.5 6.5 6.5 6.6
26 27 28 29 30	  	  	  	  	   	  	7.2 7.1 7.0 6.8 7.0	6.7 6.4 6.4 6.3 6.3	6.8 6.7 6.6 6.5 6.5	6.7 6.8 6.7 6.7 6.7	6.5 6.6 6.5 6.4 6.3	6.6 6.6 6.6 6.6 6.5
31 MONTH										6.7	6.3	6.6

### 02105769 CAPE FEAR RIVER AT LOCK 1 NEAR KELLY, NC—Continued

### PH, WATER, UNFILTERED, FIELD, STANDARD UNITS—CONTINUED WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST	,	S	ЕРТЕМВІ	ER
1 2	6.7 6.6	6.4 6.3	6.5 6.5				6.8 6.9	6.6 6.7	6.7 6.8	6.6 6.5	6.4 6.2	6.5 6.4
3 4	6.5 6.4	6.3 6.3	6.4 6.3				6.8 6.8	6.6 6.6	6.7 6.7	6.2 6.3	6.1 6.2	6.2 6.3
5	6.4	6.2	6.3				7.0	6.7	6.9	6.4	6.2	6.3
6	6.4	6.2	6.3				7.1	6.9	7.0	6.4	6.2	6.3
7	6.5	6.4	6.4				7.0	6.8	7.0	6.5	6.3	6.3
8	6.5	6.4	6.4				7.0	6.8	6.9	6.5	6.3	6.4
9							7.0	6.8	6.9	6.8	6.3	6.6
10							7.0	6.8	6.9	6.8	6.5	6.6
11							7.0	6.8	6.9	6.6	6.3	6.4
12							7.0	6.8	6.9	6.5	6.3	6.4
13							7.1	6.8	6.9	6.5	6.4	6.4
14							6.9	6.6	6.8	6.6	6.5	6.6
15				7.2	6.6	6.9	6.8	6.5	6.6	6.6	6.4	6.5
16				7.2	6.8	7.0	6.7	6.4	6.6	6.5	6.4	6.5
17				7.1	6.8	6.9	6.8	6.6	6.7	6.6	6.4	6.5
18				7.0	6.8	6.9	6.6	6.3	6.4	6.7	6.5	6.6
19				7.0	6.8	6.9	6.3	6.1	6.3	6.8	6.6	6.7
20				7.0	6.8	6.9	6.4	6.3	6.3	6.8	6.6	6.7
21				7.0	6.7	6.8	6.6	6.4	6.5	6.6	6.5	6.6
22				7.0	6.7	6.8	6.7	6.5	6.5	6.7	6.4	6.6
23				6.9	6.7	6.8	6.7	6.5	6.6	6.7	6.5	6.6
24				6.9	6.6	6.7	6.8	6.6	6.8	6.8	6.6	6.7
25				6.8	6.6	6.7	6.9	6.6	6.7	6.8	6.6	6.7
26				6.8	6.6	6.7	6.8	6.6	6.7	6.8	6.7	6.8
27				6.8	6.6	6.7	6.8	6.6	6.6	6.8	6.7	6.8
28				6.8	6.6	6.7	6.8	6.6	6.6	6.8	6.7	6.7
29				6.8	6.6	6.7	6.8	6.6	6.6	6.8	6.7	6.7
30				6.8	6.6	6.7	6.7	6.6	6.6	6.8	6.7	6.7
31				6.9	6.6	6.7	6.7	6.5	6.6			
MONTH							7.1	6.1	6.7	6.8	6.1	6.5

# PH, WATER, UNFILTERED, FIELD, STANDARD UNITS WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBE	R	N	OVEMBE	ER	D	ECEMBE	ER.	j	JANUAR'	Y
1	6.8	6.7	6.7	6.8	6.6	6.7	7.0	6.8	6.9			
2	7.0	6.8	6.9	6.9	6.7	6.8	7.0	6.8	6.9			
3	6.8	6.6	6.7	6.9	6.7	6.8						
4	6.8	6.6	6.7	6.9	6.7	6.8						
5	6.9	6.8	6.8	6.9	6.6	6.8						
6	6.9	6.8	6.8	6.8	6.6	6.7						
7	6.9	6.7	6.8	6.8	6.6	6.7						
8	7.0	6.8	6.9	6.8	6.6	6.7						
9	7.0	6.8	6.9	6.8	6.6	6.7						
10	7.0	6.8	6.9	6.9	6.6	6.8						
11	7.0	6.8	6.8	6.8	6.6	6.7						
12	7.0	6.8	6.8	6.8	6.6	6.7						
13	6.9	6.8	6.8	6.8	6.6	6.7						
14	6.9	6.8	6.8	6.8	6.6	6.7						
15	6.9	6.8	6.8	6.9	6.6	6.8						
16	6.9	6.8	6.8	6.9	6.7	6.8						
17	7.0	6.8	6.8	6.9	6.5	6.8						
18	6.9	6.8	6.8	6.8	6.5	6.6						
19	6.9	6.8	6.8	7.0	6.6	6.8						
20	6.9	6.8	6.8	7.1	6.9	7.0						
21	6.9	6.7	6.8	7.1	7.0	7.1						
22				7.1	6.9	7.0						
23				7.1	6.8	7.0						
24				7.0	6.8	6.9						
25				7.0	6.8	6.9						
26	7.0	6.7	6.9	7.0	6.8	6.9						
27	7.0	6.6	6.8	7.0	6.8	6.9						
28	6.9	6.6	6.8	7.0	6.7	6.9						
29	6.8	6.6	6.8	6.9	6.7	6.8						
30	6.8	6.6	6.7	6.9	6.7	6.8						
31	6.8	6.6	6.7									
MONTH				7.1	6.5	6.8						

### 02105769 CAPE FEAR RIVER AT LOCK 1 NEAR KELLY, 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
		JUNE			JULY			AUGUST		S	ЕРТЕМВІ	ER
1												
2												
3												
4												
5												
6												
7												
8												
9										25.7	25.2	25.4
10										25.3	24.6	24.9
11										24.6	24.0	24.2
12										24.0	23.7	23.8
13										23.7	23.5	23.6
14										24.1	23.4	23.7
15										24.7	23.9	24.2
13										27.7	23.7	27.2
16										24.9	24.2	24.6
17										25.0	24.4	24.6
18										24.4	23.5	23.9
19										23.6	23.2	23.4
20										23.7	23.2	23.4
21										23.8	23.4	23.5
22										23.6	22.9	23.2
23										23.6	22.9	23.3
24										23.3	22.7	22.9
25										23.2	22.6	22.9
26										23.1	22.8	23.0
27										22.9	22.3	22.7
28										22.6	22.3	22.5
29										22.4	22.1	22.3
30										22.1	21.6	21.8
31												
MONTH												

CAPE FEAR RIVER BASIN 695 02105769 CAPE FEAR RIVER AT LOCK 1 NEAR KELLY, NC—Continued

# TEMPERATURE, WATER, DEGREES CELSIUS WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

				WAIEKII	EAR OCT	JBER 2003 I	O SEPTEM.	BEK 2004				
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER	1	N	OVEMBE	R	D	ECEMBE	R		JANUARY	
1 2 3 4 5	21.8 21.6 21.4 21.4 21.2	21.4 21.3 21.0 20.7 20.7	21.6 21.5 21.1 20.9 20.9	17.0 16.7 16.7 17.0 17.6	16.6 16.4 16.2 16.6 17.0	16.8 16.6 16.5 16.8 17.3	12.9 12.6 11.8 11.0 10.6	12.6 11.8 11.0 10.6 10.3	12.7 12.2 11.4 10.8 10.5	7.8 7.5 7.3 8.1 9.3	7.5 7.1 6.9 7.3 8.1	7.7 7.2 7.1 7.6 8.6
6 7 8 9 10	21.6 21.0 20.7 20.6 20.4	20.6 20.7 20.4 20.3 20.1	20.9 20.8 20.6 20.4 20.3	18.2 18.6 18.5 18.3 17.5	17.5 18.2 18.2 17.5 17.1	17.9 18.4 18.4 17.9 17.3	10.3 9.8 9.1 8.3 8.7	9.8 9.1 8.3 8.0 8.1	10.1 9.5 8.7 8.2 8.3	9.5 9.4 9.0 8.7 8.4	9.3 9.0 8.7 8.4 8.1	9.4 9.2 8.8 8.6 8.3
11 12 13 14 15	20.1 20.0 20.2 20.5 20.5	19.8 19.7 19.7 20.1 20.1	20.0 19.8 20.0 20.3 20.3	17.3 17.6 17.6 17.0 16.2	17.1 17.2 17.0 16.2 15.6	17.2 17.5 17.4 16.6 16.0	8.8 8.7 8.6 9.0 8.8	8.5 8.3 7.9 8.6 7.7	8.6 8.5 8.1 8.8 8.0	8.3 8.1 7.7 7.1 6.5	8.0 7.7 7.1 6.5 6.1	8.2 7.9 7.4 6.8 6.3
16 17 18 19 20	20.2 19.9 19.7 19.4 19.7	19.9 19.6 19.3 19.0 19.0	20.0 19.8 19.5 19.2 19.2	15.8 15.5 15.4 15.5 15.3	15.3 15.1 14.9 15.1 15.1	15.5 15.2 15.1 15.2 15.2	7.9 7.7 7.5 7.1 7.0	7.4 7.5 7.0 6.8 6.6	7.6 7.6 7.2 7.0 6.8	6.1 5.9 6.3 6.6 6.4	5.9 5.6 5.7 6.2 6.1	6.0 5.8 6.0 6.4 6.3
21 22 23 24 25	19.6 19.4 19.1 18.4 17.8	18.9 19.1 18.4 17.8 17.5	19.2 19.2 18.7 18.1 17.6	15.2 14.8 14.4 15.1 15.1	14.8 14.4 14.1 14.3 14.8	15.0 14.6 14.3 14.6 14.9	6.6 6.5 6.3 6.8 6.8	6.2 6.2 6.1 6.2 6.6	6.4 6.3 6.1 6.5 6.7	6.6 6.5 6.4 6.6 6.5	6.2 6.2 6.1 6.1	6.4 6.4 6.2 6.4 6.3
26 27 28 29 30 31	17.8 18.1 18.2 18.1 17.8 17.2	17.4 17.7 18.0 17.8 17.2 16.9	17.6 17.9 18.1 18.0 17.5 17.0	14.8 14.5 14.6 14.4 13.4	14.5 14.3 14.2 13.4 12.9	14.7 14.4 14.4 13.8 13.2	6.9 6.9 7.0 7.2 7.8 8.0	6.6 6.7 6.6 7.0 7.2 7.6	6.8 6.8 6.9 7.1 7.6 7.8	6.1 5.5 5.0 4.9 4.9 5.0	5.5 5.0 4.8 4.6 4.6 4.7	5.8 5.3 4.9 4.8 4.8
MONTH	21.0	460										
MONTH	21.8	16.9	19.5	18.6	12.9	16.0	12.9	6.1	8.2	9.5	4.6	6.8
MONTH		16.9 FEBRUAR		18.6	12.9 MARCH	16.0	12.9	6.1 APRIL	8.2	9.5	4.6 MAY	6.8
1 2 3 4 5				18.6   		16.0	12.9  15.8 16.2 16.0		8.2  15.6 15.9 15.8	9.5 22.0 22.4  		21.9 22.0 
1 2 3 4	4.7 4.4 4.6 5.2	4.2 3.9 4.2 4.2 4.5	4.4 4.2 4.4 4.9	  	MARCH	  	 15.8 16.2	APRIL 15.3 15.6	15.6 15.9	22.0 22.4 	MAY 21.8 21.8	21.9 22.0 
1 2 3 4 5 6 7 8	4.7 4.4 4.6 5.2 	4.2 3.9 4.2 4.5 	4.4 4.2 4.4 4.9 	    13.6	MARCH 13.3	    13.4	15.8 16.2 16.0 15.9 15.8 15.8	APRIL 15.3 15.6 15.6 15.3 15.3 15.4 15.6	15.6 15.9 15.8 15.7 15.6 15.6 16.0	22.0 22.4	MAY 21.8 21.8	21.9 22.0   
1 2 3 4 5 6 7 8 9 10 11 12 13 14	4.7 4.4 4.6 5.2 	4.2 3.9 4.2 4.5	4.4 4.2 4.4 4.9     	13.6 13.6	MARCH 13.3 13.2 13.2	    13.4 13.4 13.4	15.8 16.2 16.0 15.9 15.8 15.8 16.5 16.9 17.3 17.3 17.9	APRIL 15.3 15.6 15.6 15.3 15.4 15.6 16.2 16.5 17.0 17.1 17.2	15.6 15.9 15.8 15.7 15.6 16.0 16.5 16.9 17.1 17.5 17.5	22.0 22.4     23.0 23.6 24.0	MAY 21.8 21.8 22.5 22.8 23.2	21.9 22.0      22.7 23.1 23.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	4.7 4.4 4.6 5.2       	4.2 3.9 4.2 4.5	4.4 4.2 4.4 4.9	13.6 13.5 13.6 	MARCH 13.3 13.2 13.2	13.4 13.4 13.4 	15.8 16.2 16.0 15.9 15.8 15.8 16.5 16.9 17.3 17.9 17.9 17.2 17.0 16.7 16.6 17.6	APRIL 15.3 15.6 15.6 15.3 15.4 15.6 16.2 16.5 17.0 17.1 17.2 16.9 16.5 16.2 15.9 16.4	15.6 15.9 15.8 15.7 15.6 16.0 16.5 16.9 17.1 17.5 17.0 16.7 16.7 16.3 16.9	22.0 22.4     23.0 23.6 24.0 24.2 24.7 25.8	MAY 21.8 21.8 22.5 22.8 23.6 23.7 24.1 24.7 25.0	21.9 22.0     22.7 23.1 23.5 23.9 24.1 24.6 25.0 25.3
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	4.7 4.4 4.6 5.2	### 4.2  3.9  4.2  4.5	4.4 4.2 4.4 4.9	13.6 13.5 13.6 	MARCH 13.3 13.2 13.2	13.4 13.4 13.4 	15.8 16.2 16.0 15.9 15.8 15.8 16.5 16.9 17.3 17.9 17.9 17.2 17.0 16.7 16.6 17.6 18.4 19.0 19.8 20.6 21.5 21.9 22.6 22.4 22.4 22.4	APRIL 15.3 15.6 15.6 15.3 15.4 15.6 16.2 16.5 17.0 17.1 17.2 16.9 16.5 16.2 15.9 16.4 17.5 18.3 18.9 19.8 20.5 21.2 21.9 22.0 21.9 21.7	15.6 15.9 15.8 15.7 15.6 15.6 16.0 16.5 16.9 17.1 17.5 17.5 17.0 16.7 16.3 16.9 17.9 18.6 19.3 20.2 20.9 21.6 22.1 22.3 22.1 22.0	22.0 22.4    23.0 23.6 24.0 24.2 24.7 25.0 25.4 25.8 26.1 26.6 26.7 27.0 27.6 27.7 28.1 28.2 28.3 28.7 28.3	MAY 21.8 21.8 22.5 22.8 23.2 23.6 23.7 24.1 24.7 25.0 25.0 25.5 25.8 26.1 26.6 27.0 27.5 27.8 27.8 27.9 27.7	21.9 22.0     22.7 23.1 23.5 23.9 24.1 24.6 25.0 25.3 25.4 25.9 26.2 26.5 27.0 27.4 27.8 28.0 28.1 28.2 28.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	4.7 4.4 4.6 5.2	### 4.2  3.9  4.2  4.5	4.4 4.2 4.4 4.9	13.6 13.5 13.6	MARCH 13.3 13.2 13.2	13.4 13.4 13.4 	15.8 16.2 16.0 15.9 15.8 15.8 16.5 16.9 17.3 17.9 17.9 17.2 17.0 16.7 16.6 17.6 18.4 19.0 19.8 20.6 21.5 21.9 22.6 22.4 22.4	APRIL 15.3 15.6 15.6 15.3 15.4 15.6 16.2 16.5 17.0 17.1 17.2 16.9 16.5 16.2 15.9 16.4 17.5 18.3 18.9 19.8 20.5 21.2 21.9 22.0 21.9 21.9	15.6 15.9 15.8 15.7 15.6 15.6 16.5 16.9 17.1 17.5 17.5 17.0 16.7 16.3 16.9 17.9 18.6 19.3 20.2 20.9 21.6 22.1 22.3 22.1 22.1	22.0 22.4    23.0 23.6 24.0 24.2 24.7 25.0 25.4 25.8 26.1 26.6 27.7 27.0 27.6 27.7	MAY 21.8 21.8 22.5 22.8 23.2 23.6 23.7 24.1 24.7 25.0 25.0 25.5 25.8 26.1 26.6 27.0 27.5 27.8 27.9	21.9 22.0      22.7 23.1 23.5 23.9 24.1 24.6 25.0 25.3 25.4 25.9 26.2 26.5 27.0 27.4 27.8 28.0 28.1 28.2

### 02105769 CAPE FEAR RIVER AT LOCK 1 NEAR KELLY, NC—Continued

### TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST	1	S	EPTEMBI	ER
1 2 3 4 5	28.5 28.6 28.6 28.5 28.5	27.8 28.0 27.9 28.1 27.9	28.1 28.2 28.2 28.3 28.2	  	  	  	29.5 29.3 28.6 28.9 29.6	29.3 28.6 28.2 28.1 28.8	29.4 28.9 28.3 28.5 29.1	26.6 25.4 24.8 24.8 24.9	25.3 24.4 24.4 24.4 24.4	25.9 24.9 24.5 24.6 24.6
6 7 8 9	28.4 28.5 28.1	27.9 28.0 27.7 	28.1 28.2 27.9	   	  	  	29.3 28.8 27.5 27.7 27.8	28.8 27.5 27.0 27.1 27.2	29.1 28.1 27.3 27.4 27.5	24.9 24.9 25.4 25.9 25.8	24.7 24.7 24.9 25.3 25.2	24.8 24.8 25.1 25.6 25.4
11 12 13 14 15	   	  	  	31.2	  30.2	   30.7	28.2 27.9 27.4 26.9 25.6	27.3 27.3 26.9 25.6 24.8	27.7 27.6 27.2 26.2 25.2	25.4 24.5 24.4 24.2 24.2	24.3 24.1 24.1 24.0 24.0	24.5 24.3 24.2 24.1 24.1
16 17 18 19 20	   	  	   	31.2 30.7 30.4 30.3 30.3	30.2 30.1 29.7 29.4 29.4	30.7 30.4 30.1 29.7 29.8	25.0 25.0 24.1 24.2 25.1	24.4 24.1 23.4 23.3 24.2	24.7 24.8 23.6 23.7 24.6	24.2 24.8 24.6 24.0 23.5	23.9 24.2 24.0 23.5 23.1	24.1 24.4 24.3 23.7 23.2
21 22 23 24 25	   	  	  	30.1 30.2 30.3 30.5 30.1	29.3 29.3 29.5 29.5 29.6	29.7 29.7 29.8 29.9 29.8	26.3 26.2 26.5 26.8 26.7	25.1 25.7 25.7 26.2 26.3	25.7 25.9 26.1 26.5 26.5	23.1 22.6 21.8 21.8 22.3	22.5 21.8 21.5 21.3 21.7	22.8 22.1 21.7 21.6 22.0
26 27 28 29 30 31	   	   	   	30.2 30.4 30.0 29.8 29.8 29.9	29.5 29.6 29.6 29.4 29.2 29.3	29.8 29.9 29.8 29.6 29.5 29.5	26.6 26.8 27.1 26.9 27.0 26.7	26.4 26.4 26.5 26.6 26.4 26.4	26.5 26.6 26.7 26.7 26.6 26.6	22.6 23.0 23.3 23.5 23.5	22.2 22.4 23.0 23.0 23.2	22.4 22.7 23.1 23.2 23.4
MONTH							29.6	23.3	26.8	26.6	21.3	23.9

# TEMPERATURE, WATER, DEGREES CELSIUS WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

02105769 CAPE FEAR RIVER AT LOCK 1 NEAR KELLY, NC—Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	(	OCTOBER	₹	N	OVEMBE	ER	D	ECEMBE	ER		JANUARY	Y
1 2 3 4 5	23.4 23.4 22.9 23.0 22.9	23.1 22.9 22.5 22.5 22.4	23.3 23.2 22.7 22.7 22.7	19.6 19.8 19.9 20.0 19.8	18.9 19.1 19.3 19.5 19.2	19.2 19.4 19.6 19.7 19.5	13.2 12.1 	12.1 11.7  	12.7 11.9  	   	  	  
6 7 8 9 10	22.8 22.1 21.9 21.8 22.1	22.1 21.8 21.5 21.5 21.5	22.4 22.0 21.7 21.7 21.8	19.3 18.8 18.5 18.1 17.4	18.8 18.4 18.1 17.4 16.8	19.0 18.6 18.3 17.7 17.0	  	  	  	  	  	  
11 12 13 14 15	22.1 21.9 21.9 21.7 21.4	21.6 21.4 21.4 21.4 21.0	21.8 21.6 21.6 21.5 21.2	16.8 16.7 16.6 16.0 15.2	16.5 16.5 16.0 15.2 14.0	16.7 16.6 16.4 15.7 14.5	  	  	  	  	  	  
16 17 18 19 20	21.0 20.3 20.4 20.6 20.8	20.3 19.9 19.9 20.0 20.3	20.5 20.1 20.1 20.2 20.5	14.0 12.9 12.7 12.2 12.7	12.8 12.4 12.0 11.7 12.2	13.5 12.7 12.2 11.9 12.5	  	  	   	  	  	  
21 22 23 24 25	20.6	20.4	20.5	13.2 13.7 14.0 14.7 15.1	12.6 13.2 13.6 14.0 14.7	12.9 13.4 13.8 14.3 14.9	  	  	  	  	  	  
26 27 28 29 30 31	18.8 18.6 18.6 18.5 18.8 19.3	18.4 18.2 18.3 18.3 18.3 18.5	18.7 18.4 18.4 18.4 18.5 18.9	15.0 14.6 14.7 14.6 14.1	14.6 14.3 14.5 14.1 13.2	14.8 14.5 14.6 14.3 13.6	   	   	   	   	   	   
MONTH				20.0	11.7	15.7						

### 02105769 CAPE FEAR RIVER AT LOCK 1 NEAR KELLY, 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
		JUNE			JULY			AUGUST		SI	ЕРТЕМВІ	ER
1												
2												
3												
4												
5												
6												
7												
8												
9										7.2	6.8	7.0
10										7.4	7.0	7.2
11										7.5	7.3	7.4
12										7.5	7.3	7.4
13										7.5	7.1	7.3
14										7.4	7.0	7.2
15										7.4	6.8	7.1
16										7.3	6.8	7.0
17										7.3	6.8	7.0
18												
19												
20												
21												
22												
23												
24												
25												
26										7.3	7.0	7.2
27										7.0	6.6	6.7
28										6.7	6.3	6.5
29										6.8	6.3	6.6
30										6.9	5.8	6.6
31												
MONTH												

# DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			OVEMBE			ECEMBE			JANUARY	
1 2	7.1 7.1	5.6 7.0	6.4 7.0	8.7 8.5	8.3 8.2	8.5 8.3	9.3 9.5	8.7 8.8	9.0 9.2			
3 4	7.5 7.6	7.0 7.2	7.2 7.3	8.6 8.6	8.2 8.3	8.4 8.5	9.8 10.1	9.0 9.2	9.5 9.7			
5 6	7.7 7.6	7.2 6.5	7.3 7.2	8.5 8.4	8.2 8.0	8.4 8.3	10.1 10.4	9.8 10.0	9.9 10.2	10.4	10.2	10.4
7 8	7.4 7.4	6.2 6.2	6.8 6.9	8.3 8.3	7.8 8.1	8.2 8.1	10.7 11.3	10.3 10.7	10.6 11.0	10.4 10.4	10.2 10.2	10.3 10.3
9 10	7.7 7.7	6.5 6.7	7.1 7.2	8.6 8.7	8.1 8.2	8.3 8.4	11.5 11.5	11.2 11.0	11.3 11.3	10.5 10.5	10.2 10.3	10.4 10.4
11	7.8	6.8	7.3	8.3	7.6	8.0	11.5	11.3	11.4	10.6	10.2	10.4
12 13	8.0 8.1	6.8 7.2	7.5 7.6	8.3 8.5	7.6 7.8	8.0 8.2	11.7 11.9	11.4 10.9	11.5 11.5	10.5 10.9	10.2 10.4	10.3 10.6
14 15	8.1 8.0	7.2 7.1	7.6 7.6	8.9 9.0	7.9 8.1	8.4 8.5	11.0 11.4	10.7 10.9	10.8 11.3	11.0 11.3	10.8 10.9	10.9 11.1
16 17	8.1 8.1	7.1 7.2	7.7 7.8	9.0 9.3	8.2 8.3	8.7 8.9	11.7 11.7	11.2 11.5	11.5 11.6	11.3 11.3	11.2 11.0	11.2 11.2
18 19	8.2 8.3	7.3 7.4	7.8 7.9	9.5 9.2	8.5 8.6	9.1 8.8				11.2 11.1	10.9 10.9	11.0 11.0
20	8.4	7.4	7.9	9.3	8.7	9.0				11.1	10.8	11.0
21 22	8.4 8.2	7.3 7.3	7.9 7.8	9.2 9.4	9.0 9.1	9.1 9.3				10.9 10.8	10.6 10.6	10.8 10.7
23 24	8.5 8.8	7.5 8.2	8.2 8.6	9.5 9.3	9.3 8.7	9.4 9.1				11.0 10.9	10.7 10.6	10.9 10.8
25 26	8.9 9.0	8.2 8.1	8.6 8.5	9.0 8.9	8.6 8.6	8.8 8.8				10.8 10.9	10.6 10.6	10.7 10.7
26 27 28	8.9 8.7	8.0 7.8	8.3 8.2	8.9 8.9 8.9	8.3 8.2	8.7 8.6				10.9 10.9 11.2	10.6 10.6 10.8	10.7 10.7 11.0
29 30	8.6 8.7	8.0 8.3	8.3 8.5	9.4 9.5	8.7 8.7	9.0 9.1				11.2 11.3 11.2	11.1 11.0	11.0 11.2 11.1
31	8.8	8.4	8.6							11.2	10.9	11.1
MONTH	0.0	<i>E (</i>	77	9.5	7.6	0.6						
MONTH	9.0	5.6	7.7	9.3	7.6	8.6						
	F	FEBRUAR'	Y		MARCH			APRIL			MAY	
1 2	11.3 11.4	FEBRUAR` 11.0 11.2	11.2 11.3		MARCH			APRIL		6.2 6.3	MAY 5.3 5.4	5.5 5.5
1 2 3 4	11.3 11.4 11.4 11.4	FEBRUAR' 11.0 11.2 11.3 11.2	11.2 11.3 11.4 11.3	  	MARCH	  	9.2 9.3	APRIL 8.7 8.6	9.0 9.0	6.2 6.3 	5.3 5.4 	5.5 5.5 
1 2 3 4 5	11.3 11.4 11.4	FEBRUAR 11.0 11.2 11.3	11.2 11.3 11.4	  	MARCH  	 	 9.2	APRIL 8.7 8.6 8.9 9.0	 9.0	6.2	MAY 5.3 5.4	5.5 5.5
1 2 3 4 5 6 7 8	11.3 11.4 11.4 11.4	11.0 11.2 11.3 11.2	11.2 11.3 11.4 11.3	    	MARCH		9.2 9.3 9.4 9.4 9.6 9.5	APRIL 8.7 8.6 8.9 9.0 8.9 9.1	9.0 9.0 9.2 9.2 9.2 9.3	6.2 6.3   	5.3 5.4 	5.5 5.5  
1 2 3 4 5	11.3 11.4 11.4 11.4 	11.0 11.2 11.3 11.2 	11.2 11.3 11.4 11.3 	    	MARCH	   	9.2 9.3 9.4 9.4 9.6	APRIL 8.7 8.6 8.9 9.0 8.9	9.0 9.0 9.2 9.2	6.2 6.3  	5.3 5.4  	5.5 5.5  
1 2 3 4 5 6 7 8 9 10	11.3 11.4 11.4 11.4 	11.0 11.2 11.3 11.2 	11.2 11.3 11.4 11.3 	     9.8	MARCH 9.5	     9.7	9.2 9.3 9.4 9.4 9.6 9.5 9.7 9.6	APRIL 8.7 8.6 8.9 9.0 8.9 9.1 9.0 9.2	9.0 9.0 9.2 9.2 9.2 9.3 9.3 9.4	6.2 6.3	MAY 5.3 5.4	5.5 5.5     
1 2 3 4 5 6 7 8 9 10	11.3 11.4 11.4 11.4 	11.0 11.2 11.3 11.2 	11.2 11.3 11.4 11.3 	     9.8 9.9	MARCH 9.5 9.6 9.6	    9.7 9.7 9.7	9.2 9.3 9.4 9.4 9.6 9.5 9.7 9.6	APRIL 8.7 8.6 8.9 9.0 8.9 9.1 9.0 9.2 9.0 9.1 8.0	9.0 9.0 9.2 9.2 9.2 9.3 9.3 9.4 9.2 9.2 8.6	6.2 6.3     6.6 6.3	MAY 5.3 5.4 5.6 5.5	5.5 5.5     6.0 5.8
1 2 3 4 5 6 7 8 9 10	11.3 11.4 11.4 11.4 	11.0 11.2 11.3 11.2 	11.2 11.3 11.4 11.3 	    9.8 9.9 9.8	MARCH 9.5 9.6 9.6	    9.7 9.7 9.7	9.2 9.3 9.4 9.4 9.6 9.5 9.7 9.6	APRIL 8.7 8.6 8.9 9.0 8.9 9.1 9.0 9.2 9.0	9.0 9.0 9.2 9.2 9.2 9.3 9.3 9.4	6.2 6.3      6.6	MAY 5.3 5.4 5.6	5.5 5.5      6.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14	11.3 11.4 11.4 11.4 	11.0 11.2 11.3 11.2 	11.2 11.3 11.4 11.3    	    9.8 9.9 9.8	MARCH 9.6 9.6	    9.7 9.7 9.7	9.2 9.3 9.4 9.4 9.6 9.5 9.7 9.6 9.5 9.3 8.2	APRIL 8.7 8.6 8.9 9.0 8.9 9.1 9.0 9.2 9.0 9.1 8.0 8.0	9.0 9.0 9.2 9.2 9.2 9.3 9.3 9.4 9.2 9.2 8.6	6.2 6.3     6.6 6.3 6.3	MAY 5.3 5.4 5.6 5.5 5.5	5.5 5.5     6.0 5.8 5.8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	11.3 11.4 11.4 11.4 	11.0 11.2 11.3 11.2 	11.2 11.3 11.4 11.3     	   9.8 9.9 9.8	MARCH 9.5 9.6 9.6	   9.7 9.7 9.7	9.2 9.3 9.4 9.4 9.6 9.5 9.7 9.6 9.5 9.3 8.2 8.1	APRIL 8.7 8.6 8.9 9.0 8.9 9.1 9.0 9.2 9.0 9.1 8.0 8.0 7.5	9.0 9.0 9.2 9.2 9.2 9.3 9.3 9.4 9.2 9.2 8.6 8.1 7.9	6.2 6.3     6.6 6.3 6.3 6.6 6.6	MAY 5.3 5.4 5.6 5.5 5.5 5.5	5.5 5.5     6.0 5.8 5.8 6.0 6.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	11.3 11.4 11.4 11.4 	FEBRUAR' 11.0 11.2 11.3 11.2	11.2 11.3 11.4 11.3 	9.8 9.9 9.8	MARCH 9.5 9.6	9.7 9.7 9.7	9.2 9.3 9.4 9.6 9.5 9.7 9.6 9.5 9.3 8.2 8.1 8.1 8.2 8.2	APRIL 8.7 8.6 8.9 9.0 8.9 9.1 9.0 9.2 9.0 9.1 8.0 8.0 7.5 7.9 8.0 8.0 7.6 7.0	9.0 9.0 9.2 9.2 9.2 9.3 9.3 9.4 9.2 9.2 8.6 8.1 7.9 8.0 8.1	6.2 6.3    6.6 6.3 6.3 6.6 6.7 6.8 6.4 6.1	MAY 5.3 5.4 5.6 5.5 5.5 5.5 5.5 5.7	5.5 5.5 5.5    6.0 5.8 5.8 6.0 6.1 6.0 5.9 5.9
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	11.3 11.4 11.4 11.4 	FEBRUAR' 11.0 11.2 11.3 11.2	11.2 11.3 11.4 11.3 	9.8 9.9 9.8	MARCH 9.5 9.6	9.7 9.7 9.7 	9.2 9.3 9.4 9.4 9.6 9.5 9.7 9.6 9.5 9.3 8.2 8.1 8.1 8.2 8.0 7.7 7.5 7.3	APRIL 8.7 8.6 8.9 9.0 8.9 9.1 9.0 9.2 9.0 9.1 8.0 8.0 7.5 7.9 8.0 8.0 7.6 7.0 7.0 6.8	9.0 9.0 9.2 9.2 9.2 9.3 9.3 9.4 9.2 9.2 8.6 8.1 7.9 8.0 8.1 7.8 7.4	6.2 6.3    6.6 6.3 6.3 6.6 6.6 6.7 6.8 6.4 6.1 6.7 6.7	MAY 5.3 5.4 5.6 5.5 5.5 5.5 5.6 5.6 5.7 5.7	5.5 5.5 5.5    6.0 5.8 5.8 6.0 6.1 6.0 5.9 5.9 6.1 6.2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24		FEBRUAR  11.0 11.2 11.3 11.2	11.2 11.3 11.4 11.3       	9.8 9.9 9.8 	MARCH 9.5 9.6	9.7 9.7 9.7	9.2 9.3 9.4 9.4 9.6 9.5 9.7 9.6 9.5 9.3 8.2 8.1 8.1 8.2 8.2 8.0 7.7 7.5 7.3 7.1 6.8	APRIL 8.7 8.6 8.9 9.0 8.9 9.1 9.0 9.2 9.0 9.1 8.0 8.0 7.5 7.9 8.0 8.0 7.6 7.0 7.0 6.8 6.5 6.2	9.0 9.0 9.2 9.2 9.2 9.3 9.3 9.4 9.2 9.2 8.6 8.1 7.9 8.0 8.1 8.1 7.8 7.4 7.2 7.1 6.8 6.5	6.2 6.3    6.6 6.3 6.3 6.6 6.6 6.7 6.8 6.4 6.1 6.7 6.8 7.0	MAY 5.3 5.4 5.6 5.5 5.5 5.5 5.6 5.6 5.7 5.7 5.4 5.3 5.8	5.5 5.5 5.5   6.0 5.8 5.8 6.0 6.1 6.0 5.9 5.9 6.1 6.2 6.3 6.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25		FEBRUAR`  11.0 11.2 11.3 11.2	11.2 11.3 11.4 11.3       	9.8 9.9 9.8	MARCH 9.5 9.6	9.7 9.7 9.7 9.7	9.2 9.3 9.4 9.4 9.6 9.5 9.7 9.6 9.5 9.3 8.2 8.1 8.1 8.2 8.2 8.0 7.7 7.5 7.3 7.1 6.8 6.9	APRIL 8.7 8.6 8.9 9.0 8.9 9.1 9.0 9.2 9.0 9.1 8.0 8.0 7.5 7.9 8.0 8.0 7.6 7.0 7.0 6.8 6.5 6.2 6.0	9.0 9.0 9.2 9.2 9.2 9.3 9.3 9.4 9.2 8.6 8.1 7.9 8.0 8.1 8.1 7.8 7.4 7.2 7.1 6.8 6.5 6.2	6.2 6.3    6.6 6.3 6.3 6.3 6.6 6.7 6.8 6.4 6.1 6.7 6.8 7.0 6.9	MAY 5.3 5.4 5.6 5.5 5.5 5.5 5.6 5.6 5.7 5.7 5.4 5.3 5.8 5.9	5.5 5.5 5.5   6.0 5.8 5.8 6.0 6.1 6.0 5.9 5.9 5.9 6.1 6.2 6.3 6.5 6.4
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27		FEBRUAR`  11.0 11.2 11.3 11.2	11.2 11.3 11.4 11.3       	9.8 9.9 9.8 	MARCH 9.5 9.6	9.7 9.7 9.7 	9.2 9.3 9.4 9.4 9.6 9.5 9.7 9.6 9.5 9.3 8.2 8.1 8.1 8.2 8.2 8.0 7.7 7.5 7.3 7.1 6.8 6.9 6.7	APRIL 8.7 8.6 8.9 9.0 8.9 9.1 9.0 9.2 9.0 9.1 8.0 8.0 7.5 7.9 8.0 7.6 7.0 7.0 6.8 6.5 6.2 6.0 5.8	9.0 9.0 9.2 9.2 9.2 9.3 9.3 9.4 9.2 9.2 8.6 8.1 7.9 8.0 8.1 7.8 7.4 7.2 7.1 6.8 6.5 6.2 6.2	6.2 6.3   6.6 6.3 6.3 6.6 6.6 6.7 6.8 6.4 6.1 6.7 6.7 6.8 7.0 6.9	MAY 5.3 5.4 5.6 5.5 5.5 5.5 5.6 5.6 5.7 5.7 5.4 5.3 5.8 5.9 6.2 6.5	5.5 5.5 5.5   6.0 5.8 5.8 6.0 6.1 6.0 5.9 5.9 6.1 6.2 6.3 6.5 6.4 6.6 6.9
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29		FEBRUAR'  11.0 11.2 11.3 11.2	11.2 11.3 11.4 11.3 	9.8 9.9 9.8 	MARCH 9.5 9.6 9.6	9.7 9.7 9.7 9.7	9.2 9.3 9.4 9.4 9.6 9.5 9.7 9.6 9.5 9.3 8.2 8.1 8.1 8.2 8.0 7.7 7.5 7.3 7.1 6.8 6.9 6.7 6.5 6.5 6.4	APRIL 8.7 8.6 8.9 9.0 8.9 9.1 9.0 9.2 9.0 9.1 8.0 7.5 7.9 8.0 8.0 7.6 7.0 6.8 6.5 6.2 6.0 5.8 5.7 5.4 5.3	9.0 9.0 9.2 9.2 9.2 9.3 9.3 9.4 9.2 9.2 8.6 8.1 7.9 8.0 8.1 7.8 7.4 7.2 7.1 6.8 6.5 6.2 6.2 5.9 5.6	6.2 6.3    6.6 6.3 6.3 6.3 6.6 6.7 6.8 6.4 6.1 6.7 6.7 6.8 7.0 6.9 7.0 7.5 7.0 7.2	MAY 5.3 5.4 5.6 5.5 5.5 5.5 5.5 5.6 5.7 5.7 5.4 5.4 5.3 5.8 5.9 6.2 6.5 6.6 6.6	5.5 5.5 5.5   6.0 5.8 5.8 6.0 6.1 6.0 5.9 5.9 6.1 6.2 6.3 6.5 6.4 6.6 6.9 6.8 6.9
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28		FEBRUAR'  11.0 11.2 11.3 11.2	11.2 11.3 11.4 11.3 	9.8 9.9 9.8 	MARCH 9.5 9.6	9.7 9.7 9.7 9.7	9.2 9.3 9.4 9.4 9.6 9.5 9.7 9.6 9.5 9.3 8.2 8.1 8.1 8.2 8.0 7.7 7.5 7.3 7.1 6.8 6.9 6.7 6.5 6.5	APRIL 8.7 8.6 8.9 9.0 8.9 9.1 9.0 9.2 9.0 9.1 8.0 8.0 7.5 7.9 8.0 7.6 7.0 6.8 6.5 6.2 6.0 5.8 5.7	9.0 9.0 9.2 9.2 9.2 9.3 9.3 9.4 9.2 9.2 8.6 8.1 7.9 8.0 8.1 7.8 7.4 7.2 7.1 6.8 6.5 6.2 6.2 6.2 6.2	6.2 6.3    6.6 6.3 6.3 6.6 6.6 6.7 6.8 6.4 6.1 6.7 6.7 6.8 7.0 6.9	MAY 5.3 5.4 5.6 5.5 5.5 5.5 5.5 5.5 5.6 5.7 5.7 5.4 5.4 5.3 5.8 5.9 6.2 6.5 6.6	5.5 5.5 5.5   6.0 5.8 5.8 6.0 6.1 6.0 5.9 5.9 6.1 6.2 6.3 6.5 6.4 6.6 6.9 6.8

### 02105769 CAPE FEAR RIVER AT LOCK 1 NEAR KELLY, NC—Continued

# DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER—CONTINUED WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN									
		JUNE			JULY			AUGUST	•	S	ЕРТЕМВЕ	ER
1 2	6.6 6.0	5.3 4.8	6.2 5.2				6.8 7.0	5.7 6.6	6.4 6.8	7.3 6.1	6.1 5.4	6.8 5.9
3 4	6.3 5.9	4.7 4.9	5.3 5.2				6.8 6.7	6.3 6.0	6.6 6.4	6.1 6.4	5.8 6.1	5.9 6.3
5	6.4	5.0	5.4							6.5	6.0	6.3
6 7	6.4 6.8	5.1 5.9	5.7 6.3							6.4 6.7	5.9 5.5	6.1 6.0
8	6.6	5.9	6.1							6.7	5.5	6.0
9 10										7.2 7.0	6.1 5.6	6.9 6.4
11										5.7	5.3	5.4
12 13										5.4 5.5	5.2 5.2	5.3 5.4
14 15				6.9	5.4	6.4				5.4 5.3	5.2 4.7	5.4 4.9
16				7.3	6.2	6.8				5.4	4.7	5.1
17 18				6.8 6.7	6.4 6.2	6.7 6.5				6.0 7.0	5.4 6.0	5.7 6.5
19 20				6.9 7.3	6.1 6.2	6.5 6.7	7.2	6.8	7.1	7.4 7.5	6.9 7.1	7.1 7.3
21				7.4	6.4	6.9	7.2	6.8	7.1	7.5	7.1	7.3
22 23				7.3 7.1	6.4 6.2	6.9 6.7	6.9 7.0	6.7 6.7	6.8 6.8	8.0 8.0	7.4 7.7	7.8 7.9
24 25				7.0 7.0	6.2 6.2	6.6 6.5	7.2 7.2	6.9 7.0	7.1 7.1	8.0 8.0	7.8 7.7	7.9 7.8
26				7.0	6.1	6.5	7.2	6.7	7.0	7.9	7.6	7.8
27 28				6.8 6.4	5.9 5.4	6.3 6.0	7.0 6.9	6.4 6.2	6.8 6.5	7.8 7.6	7.4 7.4	7.6 7.5
29 30				6.7 7.1	5.4 5.6	6.1 6.4	6.8 7.0	6.1 6.2	6.4 6.5	7.8 7.8	7.4 7.5	7.6 7.7
31				7.1	5.6	6.5	7.3	6.6	7.1	7.0	7.3	
MONTH										8.0	4.7	6.6

# DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		ОСТОВЕН	3	N	OVEMBE	ER	D	ECEMBE	ER		JANUAR	Y
1 2 3 4 5	8.0 7.8 7.6 7.8 7.9	7.6 7.6 7.4 7.5 7.7	7.7 7.7 7.5 7.7 7.8	8.1 8.0 8.0 8.1	7.6 7.6 7.6 7.6 7.7	7.8 7.8 7.7 7.7 7.8	10.0 10.1 	9.5 9.9 	9.7 10.0  	  	  	  
6 7 8 9 10	8.0 8.2 8.4 8.4 8.2	7.7 7.8 8.1 7.8 7.8	7.9 8.1 8.2 8.2 8.0	8.1 8.1 8.2 8.3 8.4	7.7 7.7 7.7 7.8 7.7	7.8 7.9 7.9 8.1 8.0	  	  	  	  	  	  
11 12 13 14 15	8.2 8.1 7.8 7.8 8.0	7.7 7.7 7.5 7.4 7.3	7.9 7.8 7.6 7.5 7.6	8.2 8.2 8.6 8.8 9.1	7.7 7.8 7.8 8.2 8.6	7.9 7.9 8.1 8.5 8.8	  	  	  	  	  	  
16 17 18 19 20	8.3 8.6 8.6 8.4 8.2	7.9 8.2 8.0 7.8 7.6	8.1 8.3 8.3 8.0 7.9	9.5 9.6 9.7 9.8 9.8	9.0 9.2 9.3 9.7 9.6	9.3 9.5 9.5 9.8 9.6	  	  	  	  	  	  
21 22 23 24 25	8.2   	7.3  	7.6   	9.8 9.5 9.4 9.2 9.0	9.4 9.2 9.1 8.8 8.8	9.6 9.4 9.3 9.0 8.9	  	  	  	  	  	  
26 27 28 29 30 31	7.8 7.9 8.0 8.0 8.1 8.1	7.5 7.6 7.7 7.7 7.7 7.7	7.6 7.8 7.8 7.8 7.8 7.8	9.1 9.2 9.1 9.2 9.6	8.9 8.9 8.9 9.0 9.1	9.0 9.0 9.0 9.1 9.3	   	   	   	   	   	   
MONTH				9.8	7.6	8.6						

### 02105769 CAPE FEAR RIVER AT LOCK 1 NEAR KELLY, 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
		JUNE			JULY			AUGUST		S	EPTEMBI	ER
1												
2												
3												
4												
5												
6												
7												
8												
9										88	83	86
10										90	85	87
11										90	87	89
12										89	87	88
13										89	84	86
14										88	83	85
15										89	82	85
16										88	82	85
17										88	82	84
18												
19												
20												
21												
22												
23												
24												
25												
26										86	82	84
27										82	76	78
28										77	73	75
29										78	73	76
30										79	66	76
31												
MONTH												

CAPE FEAR RIVER BASIN 703
02105769 CAPE FEAR RIVER AT LOCK 1 NEAR KELLY, NC—Continued

# DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

1 81 63 73 90 85 88 88 82 85 2 81 79 80 87 84 86 88 83 86 3 85 79 81 88 84 86 90 83 87	MIN MEAN NUARY
1 81 63 73 90 85 88 88 82 85 2 81 79 80 87 84 86 88 83 86 3 85 79 81 88 84 86 90 83 87	NUARY
2 81 79 80 87 84 86 88 83 86 3 85 79 81 88 84 86 90 83 87	
3 85 79 81 88 84 86 90 83 87	
4 86 81 82 89 86 87 91 83 88 5 87 81 82 89 85 87 90 88 89	
6 85 73 81 88 85 87 92 89 91 91 7 83 70 77 89 83 87 93 91 93 91	89 91 89 90
8 83 69 77 89 86 87 96 93 94 90	88 89
9 86 72 78 90 86 87 98 95 96 90 10 85 74 80 91 85 87 98 94 97 89	88 89 88 89
11 86 75 81 87 79 84 99 97 98 90	87 88
12 88 75 82 87 80 84 100 98 99 89	86 87
13 89 79 84 89 82 86 101 94 98 90 14 90 80 85 92 82 87 94 92 93 90	87 89 88 89
15 89 79 85 91 82 86 96 94 95 91	88 90
16 90 78 85 91 82 87 98 95 97 91	90 90
17 89 79 85 93 83 89 98 96 97 90 18 90 80 86 95 85 90 90	88 89
18 90 80 86 95 85 90 90 19 90 80 86 92 86 88 90	87 89 88 89
20 92 80 86 93 87 90 90	88 89
21 91 79 85 92 89 91 88	86 88
22 89 79 85 93 90 91 88 23 91 81 88 93 91 92 89	86 87 87 88
24 93 87 91 91 87 90 89	86 87
25 93 86 90 89 86 87 88	86 87
26 94 85 89 88 85 87 87	85 86
27 94 84 88 88 81 85 86	84 85 85 86
27 94 84 88 88 81 85 86 28 92 83 87 88 80 84 88 29 91 85 88 91 85 87 88	85 86 86 87
27 94 84 88 88 81 85 86 28 92 83 87 88 80 84 88	85 86
27     94     84     88     88     81     85       86       28     92     83     87     88     80     84       88       29     91     85     88     91     85     87       88       30     91     87     89     91     83     87       88       31     91     87     89         88	85 86 86 87 86 87
27     94     84     88     88     81     85       86       28     92     83     87     88     80     84       88       29     91     85     88     91     85     87       88       30     91     87     89     91     83     87       88       31     91     87     89        88       MONTH     94     63     84     95     79     87	85 86 86 87 86 87 85 87
27 94 84 88 88 81 85 86 28 92 83 87 88 80 84 88 29 91 85 88 91 85 87 88 30 91 87 89 91 83 87 88 31 91 87 89 88 MONTH 94 63 84 95 79 87 88 FEBRUARY MARCH APRIL	85 86 86 87 86 87 85 87 
27     94     84     88     88     81     85       86       28     92     83     87     88     80     84       88       29     91     85     88     91     85     87       88       30     91     87     89     91     83     87       88       31     91     87     89         88       MONTH     94     63     84     95     79     87           FEBRUARY     MARCH     APRIL       1     88     85     87         71       2     88     86     87          73	85 86 86 87 86 87 85 87
27     94     84     88     88     81     85       86       28     92     83     87     88     80     84       88       29     91     85     88     91     85     87       88       30     91     87     89     91     83     87       88       31     91     87     89         88       MONTH     94     63     84     95     79     87          FEBRUARY     MARCH     APRIL       1     88     85     87         71       2     88     86     87         73       3     89     87     88       93     88     90	85 86 87 86 87 85 87 MAY 61 63 62 63
27     94     84     88     88     81     85       86       28     92     83     87     88     80     84       88       29     91     85     88     91     85     87       88       30     91     87     89     91     83     87       88       31     91     87     89         88       MONTH     94     63     84     95     79     87           FEBRUARY     MARCH     APRIL       1     88     85     87         71       2     88     86     87          73	85 86 87 86 87 85 87 MAY 61 63 62 63
27       94       84       88       88       81       85         86         28       92       83       87       88       80       84         88         29       91       85       88       91       85       87         88         30       91       87       89       91       83       87         88         31       91       87       89           88         MONTH       94       63       84       95       79       87             FEBRUARY       MARCH       APRIL         1       88       85       87	85 86 87 86 87 85 87 MAY 61 63 62 63
27     94     84     88     88     81     85       86       28     92     83     87     88     80     84       88       29     91     85     88     91     85     87       88       30     91     87     89     91     83     87       88       31     91     87     89          88       MONTH     94     63     84     95     79     87        88       MARCH     APRIL       1     88     85     87          71       2     88     86     87          73       3     89     87     88       93     88     90        4     90     88     89        95     90     93        5         95     90     93	85 86 87 86 87 85 87 MAY 61 63 62 63
27         94         84         88         88         81         85           86           28         92         83         87         88         80         84           88           29         91         85         88         91         85         87           88           30         91         87         89         91         83         87           88           31         91         87         89            88           MONTH         94         63         84         95         79         87            88           MONTH         94         63         84         95         79         87            88           MONTH         94         63         84         95         79         87	85 86 87 86 87 85 87 MAY 61 63 62 63
27       94       84       88       88       81       85         86         28       92       83       87       88       80       84         88         29       91       85       88       91       85       87         88         30       91       87       89       91       83       87         88         31       91       87       89           88         MONTH       94       63       84       95       79       87          88         MONTH       94       63       84       95       79       87          88         MARCH       APRIL         1       88       85       87           73         3       89       87       88          93       88       90          4       90       88       89	85 86 87 86 87 85 87 MAY  61 63 62 63
27       94       84       88       88       81       85         86         28       92       83       87       88       80       84          88         29       91       85       88       91       85       87         88         30       91       87       89       91       83       87         88         31       91       87       89           88         MONTH       94       63       84       95       79       87          88         MONTH       94       63       84       95       79       87           88         MONTH       APRIL         1       88       85       87             71         2       88       86       87            73         3       89<	85 86 87 86 87 85 87 MAY  61 63 62 63
27       94       84       88       88       81       85         86         28       92       83       87       88       80       84         88         29       91       85       88       91       85       87          88         30       91       87       89       91       83       87         88         31       91       87       89           88         MONTH       94       63       84       95       79       87          88         MONTH       94       63       84       95       79       87             88         MARCH       APRIL         1       88       85       87            71         73       38       89       87       88          93       88       90	85 86 87 86 87 85 87 MAY  61 63 62 63
27       94       84       88       88       81       85         86         28       92       83       87       88       80       84         88         29       91       85       88       91       85       87         88         30       91       87       89       91       83       87         88         31       91       87       89       91       83       87         88         MONTH       94       63       84       95       79       87          88         MONTH       94       63       84       95       79       87                            71       2       88       86       87            73       3       88       90      <	85 86 87 86 87 85 87
27       94       84       88       88       81       85          88         28       92       83       87       88       80       84          88         30       91       87       89       91       83       87         88         31       91       87       89       91       83       87         88         MONTH       94       63       84       95       79       87          88         MONTH       94       63       84       95       79       87                                      71       1       1       88       85       87	85 86 87 86 87 85 87
27 94 84 88 88 88 81 85 88 28 92 83 88 80 84 88 30 91 87 89 91 83 87 88 31 91 87 89 91 83 87 88 MONTH 94 63 84 95 79 87 71 2 88 86 87 71 2 88 86 87	85 86 87 86 87 85
27 94 84 88 88 81 85 86 28 92 83 87 88 80 84 88 29 91 85 88 91 85 87 88 30 91 87 89 91 83 87 88 31 91 87 89 91 83 87 88 MONTH 94 63 84 95 79 87 71 2 88 85 87	85 86 87 86 87 85 87
277 94 84 88 88 88 81 85 86 28 92 83 87 88 80 84 88 30 91 87 89 91 83 87 88 31 91 87 89 91 83 87 88 MONTH 94 63 84 95 79 87 88    MONTH 94 63 84 95 79 87 71   1 88 85 85 87 71   2 88 86 87 71   2 88 86 87 73   3 89 87 88 93 88 90   4 90 88 89 94 87 91   5 95 90 93   6 96 89 93   7 96 89 93   8 94 91 93 100 91 94   9 94 91 93 100 91 94   9 95 92 93 99 94 96   11 95 90 93   11 94 92 93 99 94 96 77   13 95 90 94 96 77   13 95 90 97   15 95 90 97   16 95 90 97   17 95 90 97   18 97 85 90 79   16 97 85 90 79   17 98 88 89 79   16 98 88 89 79   16 99 88 89 79   16 88 88 89   17 88 88 89   18 8 99 99 94 96 77   18 8 99 99 94 96 77   19 9 88 88 89   17 88 88 89   18 8 88 88 89   18 8 88 88 89   18 8 88 88 89   18 8 88 88 89   18 8 88 88 89   18 8 88 88 89   18 8 88 88 89   18 8 88 88 89   18 8 88 88 89   18 8 88 88 89   18 8 88 88 89   18 8 88 88 89   18 8 88 88 89   18 8 88 88 89   18 8 88 88 89   18 8 88 88 89   18 8 88 88 89   19 8 88 88 89   19 8 88 88 89   19 8 88 88 89   19 8 88 88 89   19 8 88 88 89   19 8 88 88 89   10 8 88 88 89   10 8 88 88 89   10 8 88 88 89   10 8 88 88 89   10 8 88 88 89   10 8 88 88 89   10 8 88 88 89   10 8 88 88 89   1	85 86 87 87 88 87 88 87 88 87 88 87 88 87 88 87 88 87 88 87 88 87 88 88
27 94 84 88 88 81 85 86 28 92 83 87 88 91 85 87 88 30 91 87 89 91 83 87 88 31 91 87 89 91 83 87 88 MONTH 94 63 84 95 79 87 88  MONTH 94 63 84 95 79 87 71 2 88 85 87 71 2 88 86 87	85 86 87 86 87 85 87 MAY  61 63 62 63
27 94 84 88 88 81 85 86 28 92 83 87 88 91 85 87 88 30 91 87 89 91 83 87 88 31 91 87 89 91 83 87 88  MONTH 94 63 84 95 79 87 88  MONTH 94 63 84 95 79 87 71 2 88 86 87	85 86 87 86 87 85 87 MAY  61 63 62 63
27 94 84 88 88 81 85 86 28 92 83 87 88 91 85 87 88 30 91 87 89 91 83 87 88 31 91 87 89 91 83 87 88 MONTH 94 63 84 95 79 87 88 MONTH 94 63 84 95 79 87 71 2 88 86 87	85 86 87 86 87 85 87 85 87
27 94 84 88 88 81 85 86 28 92 83 87 88 80 84 88 29 91 85 88 91 85 87 88 30 91 87 89 91 83 87 88 MONTH 94 63 84 95 79 87 88  MONTH 94 63 84 95 79 87 71 2 88 86 87	85 86 87 86 87 85 87 MAY  61 63 62 63
27 94 84 88 88 81 85 86 28 92 83 87 88 88 91 85 87 88 30 91 87 89 91 83 87 88 30 91 87 89 91 83 87 88 MONTH 94 63 84 95 79 87 88  MONTH 94 63 84 95 79 87 71 2 88 86 87	85 86 87 86 87 85 87 MAY  61 63 62 63
27 94 84 88 88 81 85 86 28 92 83 87 88 80 84 88 29 91 85 88 91 85 87 88 30 91 87 89 91 83 87 88 MONTH 94 63 84 95 79 87 88  MONTH 94 63 84 95 79 87 71 2 88 86 87	85 86 87 86 87 85 87 MAY  61 63 62 63
27 94 84 88 88 81 85 86 28 92 83 87 88 80 84 88 29 91 85 88 91 85 87 88 30 91 87 89 91 83 87 88 31 91 87 89 91 83 87 88 MONTH 94 63 84 95 79 87	85 86 87 86 87 85 87 MAY  61 63 62 63
27 94 84 88 88 81 85	85 86 87 86 87 85 87 MAY  61 63 62 63
27 94 84 88 88 81 85 86 28 92 83 87 88 80 84 88 29 91 85 88 91 85 87 88 31 91 87 89 91 83 87 88 31 91 87 89 91 83 87 88 MONTH 94 63 84 95 79 87	85 86 87 86 87 88 87 85 87 85 87 85 87 85 87 87 87 88 87 88 87 88 88 88 88 88 88

### 02105769 CAPE FEAR RIVER AT LOCK 1 NEAR KELLY, NC—Continued

### DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION—CONTINUED WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	
	JUNE			JULY			AUGUST			SEPTEMBER			
1	85	68	79				89	75	84	91	74	84	
2	77	62	67				91	86	89	74	66	71	
3	81	60	69				88	81	85	74	70	72	
4	76	63	67				87	78	82	77	74	75	
5	82	64	69							78	73	76	
3	62	04	09							70	13	70	
6	82	65	74							77	71	74	
7	88	76	81							81	67	73	
8	85	75	78							82	67	74	
9										88	75	84	
10										86	68	79	
11										70	64	65	
12										65	62	64	
13										66	62	64	
14										65	62	64	
15				93	72	86				63	56	58	
16				99	83	91				65	56	60	
17				91	85	89				73	65	69	
18				90	82	86				83	72	77	
19				92	80	86				88	82	85	
20				96	81	88	88	81	86	88	83	86	
20								01			0.5		
21				98	84	92	88	84	87	87	83	85	
22				97	84	92	85	82	84	92	86	89	
23				94	82	88	87	83	85	91	88	90	
24				93	82	87	90	86	88	91	88	90	
25				93	82	86	90	87	89	92	89	90	
26				93	80	86	90	84	87	92	88	90	
27				91	78	84	88	80	84	90	87	89	
28				85	71	79	87	78	82	89	87	88	
29				88	71	81	85	76	81	92	87	89	
30				94	74	84	88	77	81	92	88	91	
31				95	74	86	91	83	88				
J.				)3	, -	00	71	33	00				
MONTH										92	56	78	

# DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	94	89	91	88	83	85 85	93	90	92			
2 3	91 89	89 86	90 87	88 88	82 83	85 85	94	92	93			
4	91	87	89	88	83	84						
5	92	89	90	89	84	85						
6	92	89	91	88	83	85						
7	94	90	93	87	82	84						
8	96	92	94	88	82	85						
9	96	89	93	88	83	85						
10	94	89	91	87	80	83						
11	94	88	90	85	79	81						
12	92	87	89	84	80	81						
13	88	85	87	88	80	83						
14	89	84	86	88	83	86						
15	90	83	86	88	85	86						
16	92	88	90	90	87	89						
17	95	91	92	91	87	89						
18	95	88	91	90	87	89						
19	93	87	89	91	90	91						
20	92	85	88	92	90	91						
21	92	81	85	92	90	91						
22				91	89	90						
23				91	88	90						
24				90	87	89						
25				89	87	88						
26	84	81	82	90	88	89						
27	85	81	83	90	88	88						
28	86	82	84	90	88	89						
29	85	82	83	90	88	89						
30	86	83	84	92	88	90						
31	87	82	84									
MONTH				92	79	87						