#### 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 February 2003.

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	38, April 12, 13, 14, 2003
pH, standard units	9.6, August 25, 2002	5.6, August 13, 14, 2003
WATER TEMPERATURE, °C	32.3, July 31, 2002	2.5, January 28, 2003
DISSOLVED OXYGEN, mg/L	13.4, January 30, 2001, January 28, 29, 2003	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	185, October 12	38, April 12, 13, 14
pH, standard units	8.7, October 6	5.6, August 13, 14
WATER TEMPERATURE, °C	29.7, August 30	2.5, January 28
DISSOLVED OXYGEN, mg/L	13.4, January 28, 29	3.4, October 9, 12
DISSOLVED OXYGEN, PERCENT SATURATION,%	114, October 6	40, October 12
TURBIDITY, NTU	410, October 13	3.0, December 5, 6

### 02105500 CAPE FEAR RIVER AT WILLIAM O. HUSKE LOCK NEAR TARHEEL, 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
		OCTOBER		1	NOVEMBE	R	D	ECEMBE	R		JANUARY	,
1 2	147	146	147	130	111	122	111 108	108 107	109 107	105 105	97 98	102 103
3 4	165 169	150 165	157 167	153 145	145 137	150 140	109 108	107 106	108 107	103 101	93 92	98 95
5	167	158	163				111	108	110	94	92	93
6 7	159 155	150 151	153 152	139 139	136 135	137 137	110 120	100 102	106 111	95 93	92 92	94 93
8 9	155 155	153 153	154 154	136 130	129 110	134 124	111 102	97 89	104 98	96 98	92 93	95 96
10 11	155 156	152 154	153 155	113 131	106 113	109 121	112 127	87 112	101 121	99 100	93 97	95 98
12 13	185 147	131 83	158 107	135	131	133	130 130	127 125	128 128	99 100	97 97 98	98 99
14 15	99 80	72 73	78 77	107	 91	 97	125	109	117	100 100 99	98 97	99 98
16				113	106	109				99	97	98
17 18				106	102	105	76 89	73 76	75 84	101 100	97 97	99 99
19 20				108 91	89 75	97 82	112	105	109	100 100	98 97	99 99
21				84	78	81	115	106	112	98	97	98
22 23				100 110	84 100	91 106	106 99	93 90	100 95	99 102	97 99	98 100
24 25	158	152	155				91 	87 	90	102 105	101 101	102 102
26 27	152 145	145 134	150 140	125 124	123 123	125 123	96 92	90 75	92 82	105 106	102 102	103 104
28 29	134 126	126 121	130 122	125 121	121 116	124 118	84 83	78 79	81 81	107 109	104 105	106 107
30 31	123 122	122 106	122 113	116	111	113	89 99	82 89	86 95	110 112	108 108	109 110
51	122	100	113					0)	75	112		
MONTH										112	92	100
MONTH		 FEBRUARY			 MARCH			APRIL		112	92 MAY	100
1	113	FEBRUARY 107	109	102	MARCH 69	82	72	APRIL 70	70		MAY 	
1 2 3	113 113 125	FEBRUARY 107 109 113	109 111 122	102 72 80	MARCH 69 69 71	82 71 75	72 74 80	APRIL 70 69 74	70 71 77	  	MAY  	 
1 2	113 113	FEBRUARY 107 109	109 111	102 72	MARCH 69 69	82 71	72 74	APRIL 70 69 74 79 80	70 71	 	MAY 	
1 2 3 4	113 113 125 127	107 109 113 123	109 111 122 125	102 72 80	MARCH 69 69 71	82 71 75	72 74 80 81	APRIL 70 69 74 79	70 71 77 79	  	MAY   	  
1 2 3 4 5 6 7 8 9	113 113 125 127 142	FEBRUARY 107 109 113 123 127 142 152 136 95	109 111 122 125 134 150 162 146 119	102 72 80 	MARCH 69 69 71	82 71 75 	72 74 80 81 81	APRIL 70 69 74 79 80 78	70 71 77 79 80 80	    79	MAY 76 75 71 77	    77
1 2 3 4 5 6 7 8 9	113 113 125 127 142 162 165 152 136 95	FEBRUARY  107 109 113 123 127 142 152 136 95 89	109 111 122 125 134 150 162 146 119 92	102 72 80  	MARCH 69 69 71	82 71 75  	72 74 80 81 81 81 80 81	70 69 74 79 80 78 78 79 73	70 71 77 79 80 80 79 80 77	79 81 81 87 84	MAY 76 75 71 77	    77 77 76 84 81
1 2 3 4 5 6 7 8 9 10	113 113 125 127 142 162 165 152 136 95	FEBRUARY  107 109 113 123 127 142 152 136 95 89  83 83	109 111 122 125 134 150 162 146 119 92 88 93	102 72 80   	MARCH  69 69 71	82 71 75   	72 74 80 81 81 81 80 81 79	APRIL 70 69 74 79 80 78 78 79 73	70 71 77 79 80 80 79 80 77 	   79 81 81 87 84 85	MAY 76 75 71 77 79 82 74	    77 77 76 84 81
1 2 3 4 5 6 7 8 9 10 11 12 13 14	113 113 125 127 142 162 165 152 136 95 92 111 116 121	FEBRUARY  107 109 113 123 127 142 152 136 95 89 83 83 110 116	109 111 122 125 134 150 162 146 119 92 88 93 113 119	102 72 80   	MARCH 69 69 71	82 71 75 	72 74 80 81 81 81 80 81 79 	APRIL 70 69 74 79 80 78 78 79 73 38 38	70 71 77 79 80 80 79 80 77  38 38	  79 81 81 87 84 85 83 74	MAY	   77 77 76 84 81 84 73 76
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	113 113 125 127 142 162 165 152 136 95 92 111 116 121 122	FEBRUARY  107 109 113 123 127 142 152 136 95 89 83 83 110 116 120	109 111 122 125 134 150 162 146 119 92 88 93 113 119 121	102 72 80     	MARCH  69 69 71	82 71 75     	72 74 80 81 81 81 80 81 79  39 39 43	APRIL 70 69 74 79 80 78 78 79 73 38 38 38 39	70 71 77 79 80 80 79 80 77  38 38 41	   79 81 81 87 84 85 83 74 77 82	MAY 76 75 71 77 79 82 74 73 74 77	    77 76 84 81 84 78 73 76 80
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	113 113 125 127 142 162 165 152 136 95 92 111 116 121 122	FEBRUARY  107 109 113 123 127 142 152 136 95 89 83 83 110 116 120 114	109 111 122 125 134 150 162 146 119 92 88 93 113 119 121	102 72 80   	MARCH  69 69 71	82 71 75      	72 74 80 81 81 81 80 81 79  39 39 43 48 53	APRIL 70 69 74 79 80 78 78 79 73 38 38 39 43 48	70 71 77 79 80 80 79 80 77  38 38 41 44 52	  79 81 81 87 84 85 83 74 77 82	MAY	   77 76 84 81 84 78 73 76 80
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	113 113 125 127 142 162 165 152 136 95 92 111 116 121 122	FEBRUARY  107 109 113 123 127 142 152 136 95 89 83 83 110 116 120 114	109 111 122 125 134 150 162 146 119 92 88 93 113 119 121	102 72 80	MARCH  69 69 71	82 71 75	72 74 80 81 81 81 80 81 79  39 39 43 48 53 56	APRIL 70 69 74 79 80 78 78 79 73 38 38 39 43 48 53	70 71 77 79 80 80 79 80 77  38 38 41 44 52 54	   79 81 81 87 84 85 83 74 77 82 85 89 94	MAY	   77 77 76 84 81 84 78 73 76 80 84 87 91
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	113 113 125 127 142 162 165 152 136 95 92 111 116 121 122 121  97 99	FEBRUARY  107 109 113 123 127 142 152 136 95 89 83 83 110 116 120 114	109 111 122 125 134 150 162 146 119 92 88 93 113 119 121	102 72 80     	MARCH  69 69 71	82 71 75 	72 74 80 81 81 81 80 81 79  39 39 43 48 53 56	APRIL 70 69 74 79 80 78 78 79 73 38 38 39 43 48 53	70 71 77 79 80 80 79 80 77  38 38 41 44 52 54	   79 81 81 87 84 85 83 74 77 82 85	MAY	   77 77 76 84 81 84 78 73 76 80 84
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	113 113 125 127 142 162 165 152 136 95 92 111 116 121 122 121  97	FEBRUARY  107 109 113 123 127 142 152 136 95 89 83 83 110 116 120 114 95	109 111 122 125 134 150 162 146 119 92 88 93 113 119 121 119 96	102 72 80	MARCH  69 69 71	82 71 75	72 74 80 81 81 81 80 81 79  39 39 43 48 53 56	APRIL 70 69 74 79 80 78 78 79 73 38 38 39 43 48 53	70 71 77 79 80 80 79 80 77  38 38 41 44 52 54 	  79 81 81 87 84 85 83 74 77 82 85 89 94	MAY	   77 77 76 84 81 84 78 73 76 80 84 87 91 94 85
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	113 113 125 127 142 162 165 152 136 95 92 111 116 121 122 121  97	FEBRUARY  107 109 113 123 127 142 152 136 95 89 83 83 110 116 120 114 95 94	109 111 122 125 134 150 162 146 119 92 88 93 113 119 121 119 96 97 98	102 72 80	MARCH  69 69 71	82 71 75	72 74 80 81 81 81 81 80 81 79 39 39 43 48 53 56	APRIL 70 69 74 79 80 78 78 79 73 38 38 39 43 48 53	70 71 77 79 80 80 79 80 77  38 38 41 44 52 54 	   79 81 81 87 84 85 83 74 77 82 85 89 94 96 91	MAY	   77 77 76 84 81 84 78 73 76 80 84 87 91 94 85
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	113 113 125 127 142 162 165 152 136 95 92 111 116 121 122 121  97 99 99 100 92 92 99	FEBRUARY  107 109 113 123 127 142 152 136 95 89 83 83 110 116 120 1114 95 94 95 92 71 75	109 111 122 125 134 150 162 146 119 92 88 93 113 119 121 119 96 97 98 97 78 81	102 72 80	MARCH  69 69 71	82 71 75	72 74 80 81 81 81 80 81 79 39 39 43 48 53 56	APRIL 70 69 74 79 80 78 78 79 73 38 38 39 43 48 53	70 71 77 79 80 80 79 80 77 38 38 41 44 52 54	  79 81 81 87 84 85 83 74 77 82 85 89 94 96 91 102 108 106 111 89	MAY	   77 77 76 84 81 84 73 76 80 84 87 91 94 85 96 103 101 101 82
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	113 113 125 127 142 162 165 152 136 95 92 111 116 121 122 121  97 99 99 100 92 92 99 115 115	FEBRUARY  107 109 113 123 127 142 152 136 95 89 83 83 110 116 120 114 95 94 95 92 71 75	109 111 122 125 134 150 162 146 119 92 88 93 113 119 121 119 96 97 98 97 78 81	102 72 80	MARCH  69 69 71	82 71 75	72 74 80 81 81 81 81 80 81 79 39 39 43 48 53 56 78 81	APRIL  70 69 74 79 80 78 78 79 73 38 38 39 43 48 53 77 78	70 71 77 79 80 80 79 80 77 38 38 31 44 52 54 77 79	   79 81 81 87 84 85 83 74 77 82 85 89 94 96 91 102 108 106 111 89	MAY	   77 77 76 84 81 84 78 73 76 80 84 87 91 94 85 96 103 101 101 82 70 65 64
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	113 113 125 127 142 162 165 152 136 95 92 111 116 121 122 121  97 99 99 100 92 92 92	FEBRUARY  107 109 113 123 127 142 152 136 95 89 83 83 110 116 120 114 95 94 95 92 71 75 92 99 102	109 111 122 125 134 150 162 146 119 92 88 93 113 119 121 119 96 97 98 97 78 81 94 110 108	102 72 80	MARCH  69 69 71	82 71 75	72 74 80 81 81 81 80 81 79 39 39 43 48 53 56 78 81	APRIL 70 69 74 79 80 78 78 79 73 38 38 39 43 48 53 77 78	70 71 77 79 80 80 79 80 77 38 38 41 44 52 54 77 79	  79 81 81 87 84 85 83 74 77 82 85 89 94 96 91 102 108 106 111 89 79 67 66 69 75	MAY	   77 77 76 84 81 84 73 76 80 84 87 91 94 85 96 103 101 101 82 70 65 64 66 72
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	113 113 113 125 127 142 162 165 152 136 95 92 111 116 121 122 121  97 99 99 100 92 92 92 92 92 115 115	FEBRUARY  107 109 113 123 127 142 152 136 95 89 83 83 110 116 120 114 95 94 95 92 71 75 92 99 102	109 111 122 125 134 150 162 146 119 92 88 93 113 119 121 119 96 97 98 97 78 81 94 110 108	102 72 80	MARCH  69 69 71	82 71 75	72 74 80 81 81 81 81 80 81 79 39 39 43 48 53 56 78 81	APRIL 70 69 74 79 80 78 78 79 73 38 38 39 43 48 53 77 78	70 71 77 79 80 80 79 80 77 38 38 41 44 52 54 77 79	   79 81 81 87 84 85 83 74 77 82 85 89 94 96 91 102 108 106 111 89	MAY	

### SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED 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	87 82 81 82 77	79 79 80 76 76	83 81 80 80 76	  	  	  	  	  	  	89 93 111 113 116	87 88 93 88 104	88 90 100 100 111
6 7 8 9 10	79 90 98 98 110	77 78 90 91 89	78 82 96 96 98	63 63 65 	60 61 61 	61 62 63 	69 69 48 51	62 48 44 46	65 59 46 49	115 98 94 93 91	98 90 77 76 81	110 93 87 84 84
11 12 13 14 15	92 79 80 86 89	68 73 79 80 85	72 76 80 84 88	79 68 66 59	67 65 53 50	74 67 58 55	52 52 52 49 64	47 47 45 45 49	49 50 47 46 58	96 96 96 92 89	91 95 92 87 87	95 95 94 90 89
16 17 18 19 20	91 87 86 83 80	87 80 79 79 74	90 82 83 81 76	61 91 88 80 80	55 61 77 77 66	58 76 80 79 73	70 76 79 78 73	64 70 76 69 69	67 73 78 74 71	89 92 91 89 88	88 88 88 88 79	88 90 90 89 82
21 22 23 24 25	82 78 82 82 81	73 74 75 79 78	78 76 79 81 79	71 78 82 80 82	66 70 78 79 75	68 76 80 80 80	77 81 84 83 81	73 77 81 80 78	75 78 83 81 80	103 104 96 104 113	78 78 76 96 92	90 94 86 102 106
26 27 28 29 30 31	85 93 98 97 96	81 85 93 95 89	82 89 96 96 93	75 79 85 86 87	73 74 79 81 74	74 78 81 84 81	82 84 92 92 89	78 82 83 89 85 86	80 83 88 91 87	92 79 82 90 92	79 75 76 82 90	85 76 80 86 91
MONTH	110	68	84							116	75	92

### 02105500 CAPE FEAR RIVER AT WILLIAM O. HUSKE LOCK NEAR TARHEEL, 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		N	OVEMBE	R	Ε	ECEMBE	R		JANUARY	
1 2 3 4 5	6.6  7.4 7.6 7.8	6.3  6.4 6.5 6.5	6.4  6.7 6.9 6.8	6.8  7.0 7.0	6.7  6.9 6.9	6.8  7.0 7.0	6.6 6.6 6.7 6.7	6.6 6.6 6.6 6.6 6.6	6.6 6.6 6.6 6.6 6.6	6.5 6.5 6.6 6.6	6.3 6.3 6.3 6.3 6.4	6.4 6.4 6.5 6.5
6 7 8 9	8.7 8.4 7.7 6.4 6.5	6.9 6.8 6.4 6.3 6.3	7.9 7.3 6.7 6.4 6.4	6.9 6.8 6.9 6.9 6.7	6.8 6.8 6.8 6.7 6.7	6.8 6.8 6.9 6.8 6.7	6.7 6.8 6.7 6.6 6.8	6.6 6.6 6.5 6.5 6.5	6.6 6.7 6.6 6.6 6.6	6.6 6.6 6.6 6.7 6.7	6.4 6.5 6.5 6.5 6.6	6.5 6.6 6.6 6.6 6.7
11 12 13 14	6.6 6.7 6.4 6.4 6.4	6.3 6.3 6.1 6.2 6.2	6.5 6.5 6.2 6.2 6.2	6.8 6.8  6.5	6.7 6.8  6.4	6.7 6.8  6.4	6.9 6.9 6.9 6.8	6.7 6.8 6.8 6.7	6.8 6.9 6.9 6.7	6.8 6.8 6.8 6.9 6.9	6.6 6.7 6.7 6.7 6.8	6.6 6.7 6.8 6.8 6.9
16 17 18 19 20	  	   	  	6.5 6.5  6.5 6.4	6.5 6.5  6.4 6.4	6.5 6.5  6.4 6.4	6.4 6.6  6.6	6.3 6.4  6.6	6.3 6.5  6.6	6.9 7.1 7.1 7.1 7.0	6.8 6.9 7.1 7.0 7.0	6.9 7.0 7.1 7.0 7.0
21 22 23 24 25	   6.8	   6.8	   6.8	6.5 6.6 6.6  6.8	6.4 6.5 6.4  6.6	6.4 6.5 6.5  6.7	6.6 6.6 6.6 6.4	6.5 6.5 6.4 6.4	6.6 6.6 6.5 6.4	7.1 7.1 7.1 7.0 7.1	7.0 7.1 7.0 7.0 7.0	7.0 7.1 7.0 7.0 7.0
26 27 28 29 30 31	6.8 6.7 6.7 6.7 6.7	6.7 6.7 6.6 6.6 6.6 6.5	6.8 6.7 6.7 6.6 6.7 6.6	6.8 6.7 6.7 6.7 6.6	6.7 6.7 6.6 6.6	6.8 6.7 6.7 6.6 6.6	6.4 6.4 6.3 6.4 6.4	6.3 6.2 6.2 6.2 6.3	6.4 6.3 6.3 6.2 6.3 6.4	7.1 7.1 7.0 7.0 7.1 7.0	7.0 7.0 7.0 7.0 7.0 6.9	7.1 7.0 7.0 7.0 7.0 7.0 7.0
MONTH										7.1	6.3	6.8
		FEBRUARY			MARCH			APRIL			MAY	
1 2 3 4 5	6.9 7.0 7.1 7.1 7.1	6.8 6.9 7.0 7.0 7.0	6.9 7.0 7.1 7.0	6.9 6.7 6.7	6.4 6.3 6.4	6.6 6.5 6.5	7.0 7.1 7.2	6.5 6.5 6.6 6.5	6.8 6.9 7.0 6.9	  	  	  
6		7.0	7.0				7.1 7.0	6.6	6.8			
7 8 9 10	7.1 7.1 7.1 6.9 6.7	7.0 7.0 6.9 6.7 6.6	7.0 7.1 7.1 6.9 6.8 6.6	   		   						6.2 6.3 6.3 6.5 6.4
8 9	7.1 7.1 6.9	7.0 7.0 6.9 6.7	7.1 7.1 6.9 6.8	  	  	  	7.0 7.0 7.0 7.1 7.1	6.6 6.5 6.6 6.5	6.8 6.9 6.9 6.9	6.3 6.4 6.4 6.6	6.0 6.3 6.3 6.3	6.2 6.3 6.3 6.5
8 9 10 11 12 13 14	7.1 7.1 6.9 6.7 6.6 6.7 6.8 6.8	7.0 7.0 6.9 6.7 6.6 6.5 6.5 6.7 6.8	7.1 7.1 6.9 6.8 6.6 6.6 6.6 6.7 6.8	    		   	7.0 7.0 7.0 7.1 7.1  6.8 6.7	6.6 6.5 6.6 6.5  6.3 6.3	6.8 6.8 6.9 6.9   6.6 6.5	6.3 6.4 6.4 6.6 6.5 6.4 6.4 6.4	6.0 6.3 6.3 6.3 6.4 6.4 6.3 6.3 6.3	6.2 6.3 6.3 6.5 6.4 6.4 6.3 6.3 6.4
8 9 10 11 12 13 14 15 16 17 18 19	7.1 7.1 6.9 6.7 6.6 6.7 6.8 6.8 6.8	7.0 7.0 6.9 6.7 6.6 6.5 6.5 6.7 6.8 6.7	7.1 7.1 6.9 6.8 6.6 6.6 6.7 6.8 6.8	       		     	7.0 7.0 7.0 7.1 7.1 7.1 6.8 6.7 6.7 7.0 7.0 7.0	6.6 6.5 6.6 6.5  6.3 6.3 6.3 6.5 6.6	6.8 6.8 6.9 6.9 6.9 6.6 6.5 6.5 6.5 6.9	6.3 6.4 6.4 6.6 6.5 6.4 6.4 6.4 6.5 6.5 6.5 6.5	6.0 6.3 6.3 6.3 6.4 6.4 6.3 6.3 6.3 6.4 6.4 6.4 6.4	6.2 6.3 6.3 6.5 6.4 6.3 6.3 6.4 6.4 6.4 6.5 6.5
8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	7.1 7.1 6.9 6.7 6.8 6.8 6.8 6.7  6.9 6.9 6.8 6.8	7.0 7.0 6.9 6.7 6.6 6.5 6.7 6.8 6.7 6.6   6.7 6.7 6.6 6.3	7.1 7.1 6.9 6.8 6.6 6.6 6.7 6.8 6.8 6.7  6.8 6.8 6.8 6.8				7.0 7.0 7.0 7.1 7.1 7.1 6.8 6.7 6.7 7.0 7.0	6.6 6.5 6.6 6.5 6.3 6.3 6.3 6.5 6.6	6.8 6.9 6.9 6.9 6.6 6.5 6.5 6.5	6.3 6.4 6.4 6.6 6.5 6.4 6.4 6.4 6.5 6.5 6.5 6.5 6.5 6.5 6.9	6.0 6.3 6.3 6.3 6.4 6.4 6.3 6.3 6.3 6.4 6.4 6.4 6.5 6.3 6.5 6.6 6.6	6.2 6.3 6.3 6.5 6.4 6.4 6.3 6.4 6.4 6.5 6.5 6.5 6.4

# 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
		JUNE			JULY			AUGUST		S	EPTEMBI	ER
1	6.6	6.4	6.5	6.5	6.2	6.3				6.4	6.3	6.4
2	6.5	6.5	6.5	6.3	6.2	6.3				6.5	6.4	6.4
3	6.5	6.4	6.5	6.3	6.2	6.2				6.7	6.5	6.6
4	6.4	6.4	6.4	6.4	6.0	6.2				6.7	6.5	6.6
5	6.4	6.4	6.4	6.3	6.2	6.2				6.7	6.6	6.7
6	6.4	6.4	6.4	6.4	6.2	6.3				6.7	6.6	6.7
7	6.6	6.4	6.5	6.5	6.4	6.4	6.3	6.1	6.2	6.6	6.6	6.6
8	6.7	6.6	6.6	6.5	6.4	6.5	6.3	5.9	6.1	6.6	6.4	6.5
9	6.6	6.3	6.5	6.5	6.4	6.4	6.0	5.8	5.9	6.5	6.4	6.4
10	6.6	6.4	6.4	6.5	6.4	6.4	5.9	5.8	5.8	6.6	6.5	6.6
11	6.6	6.2	6.3	6.5	6.0	6.3	6.0	5.8	5.9	6.7	6.6	6.7
12	6.4	6.3	6.3	6.1	5.9	6.0	5.9	5.8	5.8	6.6	6.4	6.5
13	6.5	6.4	6.4	6.2	5.8	5.9	5.8	5.6	5.7	6.4	6.4	6.4
14	6.5	6.4	6.5	6.2	5.7	5.9	5.8	5.6	5.7	6.4	6.3	6.3
15	6.5	6.5	6.5	6.0	5.7	5.8	6.1	5.8	6.0	6.3	6.3	6.3
16	6.6	6.5	6.5	6.2	5.7	5.9	6.2	6.0	6.1	6.3	6.3	6.3
17	6.5	6.3	6.3	6.6	6.0	6.3	6.3	6.1	6.2	6.4	6.3	6.3
18	6.4	6.4	6.4	6.8	6.3	6.4	6.3	6.2	6.2	6.4	6.3	6.4
19	6.4	6.4	6.4	6.8	6.3	6.5	6.2	6.1	6.1	6.3	6.2	6.3
20	6.5	6.4	6.4	6.8	6.2	6.4	6.1	6.0	6.1	6.3	6.1	6.1
21	6.5	6.3	6.4	6.8	6.2	6.4	6.2	6.1	6.2	6.4	6.2	6.3
22	6.4	6.3	6.4	6.9	6.3	6.5	6.2	6.2	6.2	6.4	6.1	6.3
23	6.4	6.4	6.4	6.9	6.5	6.6	6.2	6.1	6.1	6.3	6.1	6.2
24	6.4	6.3	6.3	6.6	6.5	6.6	6.1	6.0	6.1	6.5	6.3	6.4
25	6.3	6.3	6.3	6.6	6.3	6.5	6.2	6.0	6.1	6.8	6.3	6.5
26	6.4	6.3	6.3	6.6	6.2	6.4	6.2	6.1	6.2	6.8	6.1	6.3
27	6.5	6.3	6.4	6.6	6.4	6.5	6.3	6.2	6.3	6.7	6.0	6.3
28	6.5	6.4	6.4	6.7	6.5	6.5	6.4	6.3	6.3	6.8	6.2	6.3
29	6.5	6.5	6.5	6.6	6.3	6.5	6.4	6.4	6.4	6.5	6.3	6.4
30	6.5	6.4	6.5	6.6	6.1	6.3	6.4	6.3	6.3	6.5	6.4	6.4
31							6.3	6.3	6.3			
MONTH	6.7	6.2	6.4							6.8	6.0	6.4

### 02105500 CAPE FEAR RIVER AT WILLIAM O. HUSKE LOCK NEAR TARHEEL, 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		N	NOVEMBE	R	Ε	DECEMBE	R		JANUARY	
1 2	25.8	25.2	25.4	16.2	14.8	15.4	9.3 8.8	8.8 8.3	9.0 8.6	7.9 8.5	6.8 7.9	7.3 8.2
3 4	26.1 26.1	25.2 25.4	25.5 25.8	14.2 13.9	13.7 13.6	13.9 13.8	8.5 8.1	8.1 7.5	8.2 7.7	8.5 8.2	8.0 7.7	8.1 7.9
5	26.7	25.5	25.9	14.0	12.0	12.0	7.5	7.1	7.3	8.2	7.9	8.0
6 7	26.8 26.7	25.9 25.8	26.4 26.1	14.0 13.9	13.8 13.6	13.9 13.8	7.1 6.8	6.4 5.1	6.7 6.2	7.9 7.6	7.6 7.2	7.7 7.4
8 9	26.2 25.1	24.9 24.5	25.4 24.8	13.6 13.0	13.0 12.7	13.3 12.8	5.1 5.1	4.6 4.7	4.8 4.9	7.2 7.1	6.8 6.6	7.0 6.9
10 11	24.9 24.5	24.3 24.1	24.5 24.3	13.4 14.1	12.6 13.3	12.8 13.6	5.1 5.7	4.8 4.9	5.0 5.2	7.8 7.9	7.1 7.6	7.5 7.8
12 13	24.1 23.1	23.0 20.7	23.6 21.3	15.2	14.1	14.6	6.5 6.7	5.7 6.5	6.1 6.6	7.9 7.3	7.3 6.7	7.6 7.1
14 15	21.0 20.1	20.1 19.5	20.4 19.7	13.8	13.2	13.6	6.7	6.2	6.4	6.7 6.2	6.2 5.8	6.4 5.9
16				14.0	13.6	13.8				5.8	5.4	5.5
17 18				14.1	13.9	14.0	7.0 7.0	6.6 6.4	6.8 6.7	5.6 5.4	5.3 4.8	5.5 5.0
19 20				13.0 11.9	11.9 11.5	12.3 11.7	7.8	7.0	7.5	4.8 4.2	4.2 3.9	4.5 4.1
21 22				11.8 11.9	11.3 11.5	11.6 11.7	8.6 8.6	7.8 8.0	8.1 8.3	4.3 4.3	4.2 4.1	4.2 4.2
23 24				11.9	11.6	11.7	8.0 8.0	7.8 7.7	8.0 7.9	4.3 4.3 3.9	3.9 3.6	4.1 3.8
25	17.9	17.6	17.8							3.6	3.2	3.4
26 27	17.9 18.5	17.5 17.7	17.7 17.9	11.5 11.3	11.2 11.0	11.4 11.1	7.6 7.0	7.0 6.6	7.4 6.7	3.2 3.0	2.9 2.6	3.1 2.8
28 29	18.2 18.1	17.8 17.7	18.0 17.9	11.0 10.3	10.3 9.6	10.7 9.9	6.6 6.3	6.3 5.9	6.4 6.1	2.8 3.5	2.5 2.6	2.6 3.1
30 31	17.7 17.4	17.3 16.2	17.5 16.8	9.8	9.3	9.5	6.5 6.8	6.0 6.4	6.2	4.0 4.6	3.5 4.0	3.8 4.3
MONTH										8.5	2.5	5.6
		FEBRUARY			MARCH			APRIL			MAY	
1 2	5.2 5.9	4.6 5.2	4.9 5.7	7.0 7.1	6.6 6.6	6.7 6.8	13.8 14.3	12.8 13.0	13.4 13.7			
3 4	5.8 6.3	5.6 5.6	5.7 5.9	7.5 	6.9	7.2	14.9 15.4	13.7 14.4	14.3 14.9			
5	7.2	6.3	6.8				15.6	14.9	15.3			
6 7	7.2						4.5.0					20.2
8 9	6.7	6.7 6.2	7.1 6.4				15.9 15.9	15.5 15.0	15.7 15.5	20.6 20.0	20.0 19.5	20.3 19.7
	6.2 6.2	6.2 5.9 5.7	6.4 6.0 5.9	 	 		15.9 15.0 13.8	15.0 13.8 12.7	15.5 14.5 13.2	20.6 20.0 21.2 21.8	20.0 19.5 19.7 21.1	19.7 20.3 21.4
10	6.2 6.2 6.2	6.2 5.9 5.7 6.0	6.4 6.0 5.9 6.1	  	  	  	15.9 15.0 13.8	15.0 13.8 12.7	15.5 14.5 13.2	20.6 20.0 21.2 21.8 21.8	20.0 19.5 19.7 21.1 21.2	19.7 20.3 21.4 21.6
11 12	6.2 6.2 6.2 6.4 6.4	6.2 5.9 5.7 6.0 6.0 5.9	6.4 6.0 5.9 6.1 6.1 6.2	   	  	  	15.9 15.0 13.8 	15.0 13.8 12.7 	15.5 14.5 13.2 	20.6 20.0 21.2 21.8 21.8 22.4 23.1	20.0 19.5 19.7 21.1 21.2 21.6 22.4	19.7 20.3 21.4 21.6 22.0 22.7
11 12 13 14	6.2 6.2 6.2 6.4 6.4 6.5 6.3	6.2 5.9 5.7 6.0 6.0 5.9 5.9 5.8	6.4 6.0 5.9 6.1 6.1 6.2 6.2 6.1	    	   	    	15.9 15.0 13.8  11.2 12.2	15.0 13.8 12.7  10.2 11.1	15.5 14.5 13.2  10.6 11.6	20.6 20.0 21.2 21.8 21.8 22.4 23.1 23.7 23.9	20.0 19.5 19.7 21.1 21.2 21.6 22.4 22.7 22.9	19.7 20.3 21.4 21.6 22.0 22.7 23.2 23.2
11 12 13	6.2 6.2 6.2 6.4 6.4 6.5	6.2 5.9 5.7 6.0 6.0 5.9 5.9	6.4 6.0 5.9 6.1 6.1 6.2 6.2	   	   	   	15.9 15.0 13.8  11.2	15.0 13.8 12.7  10.2	15.5 14.5 13.2  10.6	20.6 20.0 21.2 21.8 21.8 22.4 23.1 23.7	20.0 19.5 19.7 21.1 21.2 21.6 22.4 22.7	19.7 20.3 21.4 21.6 22.0 22.7 23.2
11 12 13 14 15	6.2 6.2 6.2 6.4 6.4 6.5 6.3 6.6	6.2 5.9 5.7 6.0 6.0 5.9 5.9 5.8 6.2	6.4 6.0 5.9 6.1 6.2 6.2 6.1 6.4	    		    	15.9 15.0 13.8  11.2 12.2 13.4	15.0 13.8 12.7  10.2 11.1 12.2	15.5 14.5 13.2  10.6 11.6 12.6	20.6 20.0 21.2 21.8 21.8 22.4 23.1 23.7 23.9 23.0	20.0 19.5 19.7 21.1 21.2 21.6 22.4 22.7 22.9 22.4	19.7 20.3 21.4 21.6 22.0 22.7 23.2 23.2 22.9
11 12 13 14 15	6.2 6.2 6.2 6.4 6.4 6.5 6.3 6.6	6.2 5.9 5.7 6.0 6.0 5.9 5.9 5.8 6.2 6.6	6.4 6.0 5.9 6.1 6.2 6.2 6.2 6.1 6.4	      			15.9 15.0 13.8  11.2 12.2 13.4 15.2 15.1	15.0 13.8 12.7  10.2 11.1 12.2 13.4 13.1	15.5 14.5 13.2  10.6 11.6 12.6 14.1 13.7	20.6 20.0 21.2 21.8 21.8 22.4 23.1 23.7 23.9 23.0 23.2 22.6	20.0 19.5 19.7 21.1 21.2 21.6 22.4 22.7 22.9 22.4 22.1	19.7 20.3 21.4 21.6 22.0 22.7 23.2 23.2 22.9 22.4 22.4
11 12 13 14 15 16 17 18 19 20	6.2 6.2 6.2 6.4 6.4 6.5 6.3 6.6 6.7  6.4 6.6	6.2 5.9 5.7 6.0 6.0 5.9 5.8 6.2 6.6  5.6	6.4 6.0 5.9 6.1 6.1 6.2 6.2 6.1 6.4 6.7  6.0 6.5	      			15.9 15.0 13.8  11.2 12.2 13.4 15.2 15.1 14.1	15.0 13.8 12.7  10.2 11.1 12.2 13.4 13.1 13.3 	15.5 14.5 13.2  10.6 11.6 12.6 14.1 13.7 13.7	20.6 20.0 21.2 21.8 21.8 22.4 23.1 23.7 23.9 23.0 23.2 22.6 22.5 21.9 20.3	20.0 19.5 19.7 21.1 21.2 21.6 22.4 22.7 22.9 22.4 22.1 22.1 21.9 20.3 19.5	19.7 20.3 21.4 21.6 22.0 22.7 23.2 23.2 22.9 22.4 22.1 21.3 19.9 20.0
11 12 13 14 15 16 17 18 19 20 21 22 23	6.2 6.2 6.2 6.4 6.4 6.5 6.3 6.6 6.7  6.4 6.6 7.0 8.7	6.2 5.9 5.7 6.0 6.0 5.9 5.8 6.2 6.6  5.6 6.3 6.2 7.0	6.4 6.0 5.9 6.1 6.2 6.2 6.1 6.4 6.7  6.0 6.5 6.6 7.8				15.9 15.0 13.8  11.2 12.2 13.4 15.2 15.1 14.1 	15.0 13.8 12.7  10.2 11.1 12.2 13.4 13.1 13.3  	15.5 14.5 13.2  10.6 11.6 12.6 14.1 13.7 13.7	20.6 20.0 21.2 21.8 21.8 22.4 23.1 23.7 23.9 23.0 23.2 22.6 22.5 21.9 20.3 20.6 20.8 20.1	20.0 19.5 19.7 21.1 21.2 21.6 22.4 22.7 22.9 22.4 22.1 21.9 20.3 19.5 19.5 20.1 19.5	19.7 20.3 21.4 21.6 22.0 22.7 23.2 23.2 22.9 22.4 22.1 21.3 19.9 20.0 20.5 19.8
11 12 13 14 15 16 17 18 19 20 21 22	6.2 6.2 6.2 6.4 6.4 6.5 6.3 6.6 6.7  6.4 6.6 7.0	6.2 5.9 5.7 6.0 6.0 5.9 5.8 6.2 6.6  5.6	6.4 6.0 5.9 6.1 6.1 6.2 6.2 6.1 6.4 6.7  6.0 6.5 6.6				15.9 15.0 13.8  11.2 12.2 13.4 15.2 15.1 14.1	15.0 13.8 12.7  10.2 11.1 12.2 13.4 13.1 13.3  	15.5 14.5 13.2  10.6 11.6 12.6 14.1 13.7 13.7	20.6 20.0 21.2 21.8 21.8 22.4 23.1 23.7 23.9 23.0 23.2 22.6 22.5 21.9 20.3 20.6 20.8	20.0 19.5 19.7 21.1 21.2 21.6 22.4 22.7 22.9 22.4 22.1 21.9 20.3 19.5 19.5 20.1	19.7 20.3 21.4 21.6 22.0 22.7 23.2 23.2 22.9 22.4 22.4 22.1 21.3 19.9 20.0 20.5
11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	6.2 6.2 6.2 6.4 6.4 6.5 6.3 6.6 6.7  6.4 6.6 7.0 8.7 9.5 9.6	6.2 5.9 5.7 6.0 6.0 5.9 5.8 6.2 6.6  5.6 6.3 6.2 7.0 8.3 9.0	6.4 6.0 5.9 6.1 6.2 6.2 6.2 6.1 6.4 6.7  6.0 6.5 6.6 7.8 9.0 9.3				15.9 15.0 13.8 11.2 12.2 13.4 15.2 15.1 14.1	15.0 13.8 12.7 10.2 11.1 12.2 13.4 13.1 13.3	15.5 14.5 13.2  10.6 11.6 12.6 14.1 13.7 13.7 	20.6 20.0 21.2 21.8 21.8 22.4 23.1 23.7 23.9 23.0 23.2 22.6 22.5 21.9 20.3 20.6 20.8 20.1 19.5	20.0 19.5 19.7 21.1 21.2 21.6 22.4 22.7 22.9 22.4 22.1 21.9 20.3 19.5 19.5 19.5 18.6 18.4	19.7 20.3 21.4 21.6 22.0 22.7 23.2 23.2 22.9 22.4 22.1 21.3 19.9 20.5 19.8 19.1 18.7
11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	6.2 6.2 6.2 6.4 6.4 6.5 6.3 6.6 6.7  6.4 6.6 7.0 8.7 9.5 9.6 9.3 8.4 7.5	6.2 5.9 5.7 6.0 6.0 5.9 5.8 6.2 6.6  5.6 6.3 6.2 7.0 8.3 9.0 8.4 7.5 7.0	6.4 6.0 5.9 6.1 6.1 6.2 6.2 6.1 6.4 6.7  6.0 6.5 6.6 7.8 9.0 9.3 8.9 7.8 7.2				15.9 15.0 13.8  11.2 12.2 13.4 15.2 15.1 14.1    15.7 16.6	15.0 13.8 12.7  10.2 11.1 12.2 13.4 13.1 13.3    15.0 15.3	15.5 14.5 13.2  10.6 11.6 12.6 14.1 13.7 13.7   15.3 15.9	20.6 20.0 21.2 21.8 21.8 22.4 23.1 23.7 23.9 23.0 23.2 22.6 22.5 21.9 20.3 20.6 20.8 20.1 19.5 19.0	20.0 19.5 19.7 21.1 21.2 21.6 22.4 22.7 22.9 22.4 22.1 21.9 20.3 19.5 19.5 19.5 18.6 18.4 18.6 19.1	19.7 20.3 21.4 21.6 22.0 22.7 23.2 23.2 22.9 22.4 22.1 21.3 19.9 20.0 20.5 19.8 19.1 18.7
11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	6.2 6.2 6.2 6.4 6.4 6.5 6.3 6.6 6.7  6.4 6.6 7.0 8.7 9.5 9.6	6.2 5.9 5.7 6.0 6.0 5.9 5.9 5.8 6.2 6.6  5.6 6.3 6.2 7.0 8.3 9.0 8.4 7.5 7.0	6.4 6.0 5.9 6.1 6.2 6.2 6.1 6.4 6.7  6.0 6.5 6.6 7.8 9.0 9.3 8.9 7.8 7.2				15.9 15.0 13.8 11.2 12.2 13.4 15.2 15.1 14.1 15.7 16.6	15.0 13.8 12.7  10.2 11.1 12.2 13.4 13.1 13.3    15.0 15.3 	15.5 14.5 13.2  10.6 11.6 12.6 14.1 13.7 13.7   15.3 15.9	20.6 20.0 21.2 21.8 21.8 22.4 23.1 23.7 23.9 23.0 23.2 22.6 22.5 21.9 20.3 20.6 20.8 20.1 19.5 19.0 19.5 19.4 19.9	20.0 19.5 19.7 21.1 21.2 21.6 22.4 22.7 22.9 22.4 22.1 21.9 20.3 19.5 19.5 19.5 18.6 18.4 18.6 19.1 18.9 19.0 19.3	19.7 20.3 21.4 21.6 22.0 22.7 23.2 23.2 22.9 22.4 22.1 21.3 19.9 20.0 20.5 19.8 19.1 18.7 19.1 19.2 19.4
11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	6.2 6.2 6.2 6.4 6.4 6.5 6.3 6.6 6.7  6.4 6.6 7.0 8.7 9.5 9.6 9.3 8.4 7.5	6.2 5.9 5.7 6.0 6.0 5.9 5.8 6.2 6.6 	6.4 6.0 5.9 6.1 6.1 6.2 6.2 6.1 6.4 6.7  6.0 6.5 6.6 7.8 9.0 9.3 8.9 7.8 7.2				15.9 15.0 13.8  11.2 12.2 13.4 15.2 15.1 14.1   15.7 16.6	15.0 13.8 12.7  10.2 11.1 12.2 13.4 13.1 13.3    15.0 15.3	15.5 14.5 13.2  10.6 11.6 12.6 14.1 13.7 13.7   15.3 15.9	20.6 20.0 21.2 21.8 21.8 22.4 23.1 23.7 23.9 23.0 23.2 22.6 22.5 21.9 20.3 20.6 20.8 20.1 19.5 19.0	20.0 19.5 19.7 21.1 21.2 21.6 22.4 22.7 22.9 22.4 22.1 21.9 20.3 19.5 19.5 20.1 19.5 18.6 18.6 19.1 18.9 19.0	19.7 20.3 21.4 21.6 22.0 22.7 23.2 23.2 22.9 22.4 22.1 21.3 19.9 20.0 20.5 19.8 19.1 18.7

### TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED 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	20.1 20.5 20.7 21.0 22.0	19.4 19.5 19.9 20.6 21.0	19.7 19.9 20.3 20.8 21.4	27.3 26.1 25.3 24.5 24.6	26.1 25.3 24.2 23.7 23.8	26.6 25.6 24.9 24.1 24.2	   	  	   	29.3 29.2 28.6 28.3 27.6	28.6 28.5 27.8 27.6 27.1	28.9 28.8 28.2 27.8 27.3
6 7 8 9 10	22.3 22.8 22.6 23.4 23.9	21.6 22.3 22.0 22.4 23.0	21.9 22.6 22.4 22.7 23.5	25.3 25.7 26.3 27.1 27.8	24.5 25.0 25.7 26.3 27.0	24.9 25.3 25.9 26.7 27.3	25.9 25.2 24.8 25.1	25.1 24.5 24.3 24.6	25.4 24.8 24.5 24.8	27.1 25.8 25.0 24.4 24.1	25.8 25.0 24.4 24.0 23.8	26.4 25.3 24.7 24.2 23.9
11 12 13 14 15	23.9 24.4 24.4 24.6 25.1	23.0 23.4 23.7 23.8 24.3	23.5 23.9 24.0 24.1 24.7	28.1 27.5 27.0 26.4 25.5	27.5 26.9 26.4 25.3 24.8	27.8 27.1 26.8 25.6 25.2	25.1 25.1 25.2 25.8 26.3	24.5 24.4 24.6 25.0 25.4	24.8 24.7 24.9 25.3 25.8	24.2 24.0 23.7 23.8 24.4	23.9 23.5 23.2 22.9 23.1	24.0 23.7 23.4 23.2 23.5
16 17 18 19 20	25.1 24.7 24.4 24.9 24.8	24.7 24.1 24.2 24.1 24.2	24.9 24.3 24.3 24.5 24.4	26.1 27.5 27.0 26.2 26.2	25.0 26.0 25.6 25.9 25.7	25.5 26.8 26.0 26.0 25.9	26.8 26.8 27.0 26.9 27.2	26.1 26.4 26.5 26.6 26.6	26.4 26.6 26.8 26.8 26.8	24.1 24.0 23.7 23.4 22.7	23.4 23.4 23.0 22.6 21.9	23.7 23.8 23.3 22.9 22.4
21 22 23 24 25	24.3 23.6 23.8 24.3 25.0	23.4 22.9 23.0 23.6 24.2	23.7 23.3 23.4 23.9 24.6	26.5 27.1 27.1 27.0 26.7	25.8 26.4 26.8 26.6 26.1	26.1 26.7 26.9 26.8 26.5	27.3 27.5 27.5 27.5 27.7	26.7 26.9 27.2 27.1 27.2	27.0 27.2 27.4 27.2 27.3	23.3 22.7 23.0 23.0 23.1	22.1 21.9 22.0 22.6 22.3	22.7 22.3 22.5 22.8 22.7
26 27 28 29 30 31	26.7 27.4 27.3 27.6 27.9	24.9 25.6 26.6 26.7 27.0	25.6 26.4 27.0 27.2 27.5	26.4 27.4 27.8 28.7 28.1	26.0 26.4 27.1 27.8 27.4	26.1 26.9 27.5 28.0 27.8	27.9 27.9 28.5 29.1 29.7 29.3	27.3 27.4 27.9 28.5 28.4 28.5	27.5 27.6 28.1 28.7 28.9 28.9	22.6 22.4 22.6 22.5 22.2	21.9 21.9 22.1 22.2 21.4	22.2 22.2 22.3 22.4 21.7
MONTH	27.9	19.4	23.7							29.3	21.4	24.1

# 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
		OCTOBER			NOVEMBE	R	D	ECEMBE	R		JANUARY	
1 2 3 4 5	6.7  8.7 8.9 8.0	4.9  5.2 5.2 5.2	5.3  6.7 7.2 6.7	8.3  8.7 8.8	7.0  8.0 7.9	7.7  8.4 8.5	9.2 9.2 9.4 9.6 9.8	8.7 8.8 8.9 9.0 9.2	8.9 9.0 9.1 9.3 9.5	11.6 11.3 11.2 11.3 11.0	11.0 10.5 10.6 10.6 10.5	11.4 10.9 10.9 11.0 10.8
6 7 8 9 10	9.1 8.0 7.2 4.5 4.8	6.3 5.9 4.2 3.4 3.6	7.7 6.8 5.4 3.9 4.1	8.5 8.4 8.6 8.9 8.9	7.5 7.5 7.8 7.9 8.0	8.0 8.0 8.2 8.5 8.4	10.8 11.2 11.4 11.5 11.8	9.5 10.4 10.9 11.1 11.3	10.2 10.8 11.2 11.2 11.6	11.2 11.2 11.2 11.2 11.1	10.6 10.7 10.7 10.6 10.4	10.9 10.9 10.9 10.9 10.7
11 12 13 14 15	4.7 5.5 5.4 6.2 6.4	4.0 3.4 3.5 5.3 6.0	4.3 4.5 4.7 5.8 6.2	8.6 8.2  8.5	7.4 7.3  7.8	8.2 7.8  8.2	12.0 11.7 11.4 11.4	11.5 11.2 11.2 11.1	11.7 11.5 11.3 11.3	10.9 10.7 10.7 11.0 11.4	10.2 10.1 10.1 10.3 10.7	10.5 10.4 10.4 10.7 11.1
16 17 18 19 20	  	   	  	8.7 8.5  9.3 9.5	8.1 7.7  8.7 8.9	8.4 8.1  9.0 9.2	11.0 11.7  11.6	10.4 10.8  10.8	10.7 11.3  11.2	11.6 11.9 12.0 12.2 12.3	10.9 11.0 11.5 11.6 11.9	11.2 11.5 11.8 11.9 12.1
21 22 23 24 25	   6.8	   5.7	   6.4	9.8 9.8 9.6 	9.1 9.2 8.8 	9.5 9.5 9.3 	11.0 10.7 10.8 10.8	10.2 10.0 10.3 10.3	10.6 10.4 10.6 10.5	12.4 12.6 12.5 12.6 12.6	11.8 12.0 12.1 12.0 12.1	12.1 12.3 12.3 12.2 12.3
26 27 28 29 30 31	6.8 6.8 6.7 6.7 6.9 7.3	5.6 5.2 5.2 5.2 5.2 5.8 6.0	6.2 6.1 6.0 6.1 6.4 6.8	9.4 9.2 9.1 9.1 9.1	8.9 8.7 8.6 8.6 8.7	9.1 8.9 8.8 8.8 8.9	11.0 11.2 11.5 11.6 11.7 11.7	10.4 10.9 10.9 10.9 11.2 11.3	10.7 11.0 11.2 11.4 11.5 11.5	13.0 13.3 13.4 13.4 13.0 13.0	12.4 12.6 12.8 12.7 12.6 12.3	12.6 12.9 13.1 13.0 12.8 12.6
MONTELL												11.6
MONTH										13.4	10.1	11.6
MONTH		FEBRUARY			MARCH			APRIL		13.4	10.1 MAY	11.6
1 2 3 4 5				11.9 11.7 11.7 		11.7 11.6 11.5			   	13.4   		   
1 2 3 4	12.6 12.4 12.6 12.7	FEBRUARY 12.1 11.8 11.9 12.1	12.4 12.1 12.3 12.4	11.9 11.7 11.7	MARCH 11.6 11.5 11.3	11.7 11.6 11.5	  	APRIL   	  	  	MAY   	  
1 2 3 4 5 6 7 8	12.6 12.4 12.6 12.7 12.3 12.0 12.2 12.3 12.5	12.1 11.8 11.9 12.1 11.6 11.3 11.5 11.9 12.0	12.4 12.1 12.3 12.4 12.0 11.7 11.9 12.1 12.2	11.9 11.7 11.7 	MARCH 11.6 11.5 11.3	11.7 11.6 11.5 		APRIL	    	7.3 7.6 7.4	MAY 6.6 7.0 7.1 7.1	   6.9 7.3 7.3 7.3
1 2 3 4 5 6 7 8 9 10 11 12 13 14	12.6 12.4 12.6 12.7 12.3 12.0 12.2 12.3 12.5 12.3 12.5 12.3	FEBRUARY  12.1 11.8 11.9 12.1 11.6 11.3 11.5 11.9 12.0 11.7 11.6 11.8 12.0 12.0	12.4 12.1 12.3 12.4 12.0 11.7 11.9 12.1 12.2 12.0 11.9 12.1 12.3 12.4	11.9 11.7 11.7    	MARCH  11.6 11.5 11.3	11.7 11.6 11.5  		APRIL		7.3 7.6 7.4 7.5 7.4 7.2 7.0 6.8 6.8	MAY 6.6 7.0 7.1 7.1 7.0 6.7 6.4 6.3 6.2	6.9 7.3 7.3 7.3 7.2 7.0 6.7 6.6 6.4
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	12.6 12.4 12.6 12.7 12.3 12.0 12.2 12.3 12.5 12.3 12.1 12.4 12.6 12.7 12.6	12.1 11.8 11.9 12.1 11.6 11.3 11.5 11.9 12.0 11.7 11.6 11.8 12.0 12.0 12.0 11.8	12.4 12.1 12.3 12.4 12.0 11.7 11.9 12.1 12.2 12.0 11.9 12.1 12.3 12.4 12.3	11.9 11.7 11.7      	MARCH  11.6 11.5 11.3	11.7 11.6 11.5		APRIL		7.3 7.6 7.4 7.5 7.4 7.2 7.0 6.8 6.5 7.1 7.0 6.9 7.1	MAY 6.6 7.0 7.1 7.1 7.0 6.7 6.4 6.3 6.2 6.1 6.0 6.2 6.3 6.3	6.9 7.3 7.3 7.3 7.2 7.0 6.7 6.6 6.4 6.3 6.4 6.6 6.7 6.8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	12.6 12.4 12.6 12.7 12.3 12.0 12.2 12.3 12.5 12.3 12.5 12.3 12.5 12.6 12.7 12.6 12.7 12.6 12.7 12.6 12.7 12.8	12.1 11.8 11.9 12.1 11.6 11.3 11.5 11.9 12.0 11.7 11.6 11.8 12.0 12.0 12.0 11.8 12.4 12.0 11.8 10.9 10.2	12.4 12.1 12.3 12.4 12.0 11.7 11.9 12.1 12.2 12.0 11.9 12.1 12.3 12.4 12.3 12.1 11.5 10.6	11.9 11.7 11.7 11.7	MARCH  11.6 11.5 11.3	11.7 11.6 11.5		APRIL		7.3 7.6 7.4 7.5 7.4 7.2 7.0 6.8 6.5 7.1 7.0 6.9 7.1 7.4 7.5 7.6 7.7	MAY 6.6 7.0 7.1 7.1 7.0 6.7 6.4 6.3 6.2 6.1 6.0 6.2 6.3 6.5 7.1 7.1 7.1 7.4	  6.9 7.3 7.3 7.3 7.2 7.0 6.7 6.6 6.4 6.3 6.4 6.6 6.7 6.8 6.9 7.4 7.4 7.4 7.6

### DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER—CONTINUED 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	7.8	7.2	7.5	6.1	5.6	5.8				5.8	5.1	5.4
2	7.8	7.2	7.5	6.8	5.8	6.3				5.9	5.3	5.6
3	7.6	7.2	7.4	6.9	6.3	6.6				6.1	5.5	5.8
4	7.5	6.9	7.2	6.8	6.1	6.4				6.1	5.4	5.8
5	7.3	6.7	7.0	6.7	6.2	6.4				6.1	5.5	5.8
6	7.1	6.5	6.8	6.7	6.3	6.5				5.9	5.3	5.6
7	7.2	6.7	7.0	6.7	6.3	6.5	6.2	5.7	5.9	6.3	5.5	5.9
8	7.1	6.7	6.9	6.6	6.0	6.3	6.2	5.8	5.9	6.3	5.6	5.9
9	7.2	6.6	6.9	6.3	5.9	6.1	6.3	5.6	6.0	6.3	5.8	6.1
10	7.1	6.6	6.8	6.3	5.8	6.1	6.0	5.3	5.6	6.5	6.0	6.3
11	6.6	6.3	6.5	6.4	5.4	5.9	6.3	5.5	5.9	6.4	5.8	6.2
12	6.8	6.3	6.7	5.8	5.3	5.6	6.1	5.2	5.7	6.3	5.8	6.0
13	7.0	6.6	6.8	5.8	5.4	5.6	5.7	5.1	5.4	6.1	5.6	5.8
14	7.1	6.6	6.8	6.0	5.5	5.8	5.9	5.2	5.5	6.1	5.5	5.8
15	7.0	6.5	6.8	6.3	5.8	6.0	6.2	5.6	5.9	6.0	5.4	5.7
16	7.0	6.6	6.8	6.2	5.6	5.9	6.5	5.9	6.2	5.8	5.3	5.5
17	7.0	6.6	6.8	6.3	5.7	6.0	6.3	5.8	6.1	5.8	5.3	5.5
18	7.1	6.6	6.9	6.1	5.6	5.9	6.3	5.6	6.0	6.0	5.3	5.7
19	7.1	6.6	6.8	6.1	5.5	5.8	6.2	5.6	5.9	5.9	5.4	5.6
20	6.9	6.5	6.7	5.9	5.5	5.7	6.4	5.8	6.1	6.1	5.3	5.7
21	7.0	6.4	6.7	5.9	5.3	5.7	6.4	5.9	6.2	6.1	5.5	5.9
22	7.2	6.5	6.8	5.7	5.2	5.5	6.4	5.7	6.1	6.1	5.5	5.8
23	7.2	6.7	6.9	5.7	5.2	5.5	6.0	5.4	5.6	6.1	5.5	5.8
24	6.8	6.3	6.5	5.7	5.2	5.4	5.8	5.1	5.4	6.2	5.8	6.0
25	6.7	6.1	6.4	5.6	5.1	5.4	5.6	4.9	5.2	6.4	5.8	6.1
26	6.9	6.2	6.5	6.0	5.3	5.6	5.8	5.2	5.4	6.2	5.8	6.0
27	7.2	6.2	6.6	6.0	5.4	5.7	5.7	5.2	5.5	6.5	6.0	6.3
28	6.6	6.1	6.3	6.1	5.4	5.7	5.9	5.4	5.6	6.6	6.2	6.4
29	6.7	5.9	6.2	6.2	5.4	5.7	6.0	5.5	5.7	6.6	6.1	6.4
30	6.6	5.7	6.0	6.1	5.1	5.7	5.8	5.2	5.6	6.7	6.2	6.5
31							5.5	5.0	5.3			
MONTH	7.8	5.7	6.8							6.7	5.1	5.9

# 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
		OCTOBER		N	OVEMBE	R	E	ECEMBE	R		JANUARY	7
1 2 3 4 5	83  108 110 100	60  63 64 64	65  82 88 83	82  84 85 	71  78 76 	77  81 82 	80 79 80 80 82	75 75 75 75 77	77 77 77 78 79	96 95 95 95 93	93 90 90 90 90 89	94 92 93 93 91
6 7 8 9 10	114 100 89 55 58	78 73 51 41 43	96 85 66 47 49	82 81 82 84 84	73 73 75 75 76	78 77 79 80 80	88 89 89 90 93	79 84 85 86 89	83 87 87 88 91	94 94 92 92 93	89 89 88 88 87	92 91 90 90 90
11 12 13 14 15	56 65 61 69 70	48 40 41 60 66	52 53 53 65 68	83 82  82	72 73  75	79 77   79	94 94 93 92	91 91 91 91	92 92 92 92 	91 90 88 90 92	86 85 84 84 87	88 87 86 87 89
16 17 18 19 20	  	   	  	84 83  87 88	79 75  82 82	81 79  85 85	91 96  96	85 89  91	88 93  94	92 94 94 94 95	86 87 91 90 91	89 91 92 92 92
21 22 23 24 25	   72	   60	   67	91 90 89 	84 85 81 	88 88 86 	93 91 91 91	88 85 87 87	90 89 89 89	95 97 96 96 95	91 92 93 91 91	93 94 94 93 93
26 27 28 29 30 31	72 72 71 71 72 75	59 55 55 55 61 62	65 65 64 65 67 70	86 84 83 80 80	81 79 77 76 76	84 81 79 78 78	91 92 94 94 95 96	87 89 88 88 91 92	89 91 91 92 93 94	97 98 99 99 99	93 94 94 96 96 95	94 96 97 97 97 97
MONTH										100	84	92
MONTH		FEBRUARY			MARCH			 APRIL		100	84 MAY	92
MONTH  1 2 3 4 5						96 96 95 	  		   	   		92   
1 2 3 4	99 100 100 101	FEBRUARY 95 94 95 96	97 97 98 99	97 97 97 	95 94 94 	96 96 95	  	APRIL	  	  	MAY   	  
1 2 3 4 5 6 7 8	99 100 100 101 100 100 99 99 100	95 94 95 96 96 96 93 94 96 96	97 97 98 99 99 97 96 98 98	97 97 97   	95 94 94   	96 96 95   	    	APRIL		   81 83 84 86	MAY 73 77 78 80	    77 80 81 83
1 2 3 4 5 6 7 8 9 10 11 12 13 14	99 100 100 101 100 100 99 99 100 99 98 101 102 102	95 94 95 96 96 96 93 94 96 96 95 94	97 97 98 99 99 97 96 98 97 96 98 97	97 97 97     	95 94 94     	96 96 95     		APRIL		  81 83 84 86 84 82 81 81 80	MAY 73 77 78 80 79 77 75 73 72	   77 80 81 83 82 80 78 77
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	99 100 100 101 100 100 99 99 100 99 98 101 102 102 103	95 94 95 96 96 93 94 96 96 95 97 97 97 98 97	97 97 98 99 99 97 96 98 98 97 96 98 99 100 100	97 97 97      	95 94 94	96 96 95		APRIL		   81 83 84 86 84 82 81 81 80 76 83 81 80 80	MAY 73 77 78 80 79 77 75 73 72 71 69 71 72 72	   77 80 81 83 82 80 78 77 76 74 74 76 76
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	99 100 100 101 100 100 99 99 100 99 102 102 103 102   103 102 101 99 99	95 94 95 96 96 93 94 96 96 95 94 95 97 97 98 97 100 98 97 94 89	97 97 98 99 99 97 96 98 98 97 96 98 99 100 100 99   101 100 99 97	977 977 977	MARCH  95  94  94       -	96 96 95		APRIL		  81 83 84 86 84 82 81 81 80 76 83 81 80 80 82 84 84 85	MAY 73 77 78 80 79 77 75 73 72 71 69 71 72 72 72 71 78 80 80	  77 80 81 83 82 80 78 77 76 74 74 76 76 77 76 81 82 81 83

### DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION—CONTINUED 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	85 86 85 84 82	79 79 79 78 77	82 83 82 81 80	76 83 84 82 81	70 72 76 73 74	73 78 80 77 77	  	  	   	76 77 78 79 78	66 69 70 69 70	71 73 75 74 73
6 7 8 9 10	82 84 82 83 84	74 77 77 76 78	78 81 80 80 80	82 82 81 79 80	77 77 75 73 74	79 80 78 76 77	76 75 76 72	70 70 67 64	73 72 72 72 68	74 77 76 76 78	65 68 68 70 72	70 71 71 73 76
11 12 13 14 15	79 82 84 85 85	74 75 78 78 78	76 79 81 82 82	82 73 73 74 77	69 67 68 68 70	76 71 70 71 73	76 73 69 73 77	67 63 62 63 69	71 69 65 67 73	77 75 72 72 72	69 68 66 64 64	74 71 68 68 67
16 17 18 19 20	85 85 85 85 83	80 79 79 79 78	82 82 83 82 80	77 79 75 75 73	68 72 70 68 68	73 76 73 72 70	81 79 79 78 81	74 72 71 70 73	78 76 75 74 77	69 69 71 69 71	62 63 63 63 61	65 66 67 66 65
21 22 23 24 25	83 85 85 81 81	76 76 78 76 73	80 80 82 78 77	73 72 72 71 70	66 65 65 65 64	70 69 69 68 67	81 81 76 73 71	74 72 69 64 62	78 77 72 68 66	71 71 71 72 74	64 63 63 68 68	68 67 68 70 71
26 27 28 29 30 31	86 91 84 85 84	75 76 76 74 72	80 82 80 79 76	75 75 78 79 78 	66 68 68 69 65	70 71 73 73 73 	74 73 76 78 77 72	66 66 69 71 68 65	68 70 73 74 72 69	72 75 76 76 76 	67 69 72 71 71	69 72 74 74 74 
MONTH	91	72	80							79	61	70

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

# TURBIDITY, WATER, UNFILTERED, NEPHELOMETRIC TURBIDITY UNITS OCTOBER 2002 TO FEBRUARY 2003

DAY		MIN OCTOBER	MEAN	MAX N	MIN OVEMBE			MIN ECEMBE	MEAN R	MAX	MIN JANUARY	MEAN
1 2 3 4 5	52  42 47 51	38  25 24 31	45  36 37 46	25  20 19 	15  16 16 	21 18 17	7.0 7.0 6.0 6.0 8.0	5.0 4.0 4.0 4.0 3.0	5.7 5.3 5.4 4.9 4.7	14   	11   	12   
6 7 8 9 10		   	  	15 21 16 19 21	14 14 14 15 17	15 15 15 17 18	20 27 35 25 22	3.0 14 23 14 14	7.8 21 28 18 18	22 20 18	18 15 13	19 17 15
11 12 13 14 15	370 410 240 170	9.0 180 160 61	130 280 210 110	19 21  65	16 16  32	17 18  42	23 15 11 15	14 10 9.0 10	19 12 10 12	11 13 12	9.0 7.0 8.0	9.8 9.2 9.3
16 17 18 19 20	  	   	  	46 27  64 48	26 23  36 38	35 25  41 44	39 32  20	26 27  12	30 30 30 	22 25 26 27 29	8.0 8.0 12 23 23	10 17 23 24 26
21 22 23 24 25	   13	   11	   11	39 32 160 	31 26 22 	35 29 34 	13 12	10 9.0	 11 9.9 	28 23 27 26 22	21 20 20 20 20 20	25 21 22 21 21
26 27 28 29 30 31	12 12 12 12 12 12	11 11 11 11 11 11	12 12 11 12 12 13	9.0 10  7.0	5.0 5.0  5.0	6.7 5.6  5.7	23 49  26 20 18	12 22  18 17 12	16 37  22 18 15	22 23 24 26 35 19	19 19 20 19 16 16	20 21 22 22 21 17
MONTH												
	I	FEBRUARY	7		MARCH			APRIL			MAY	
1 2	21 29	FEBRUARY 9.0 17	16 23	 	MARCH	 	 	APRIL			MAY 	
1 2 3 4	21 29 37	9.0 17 22 	16 23 29	   	MARCH	  		APRIL   		  	MAY	
1 2 3 4 5	21 29 37 	9.0 17 22 	16 23 29 	  	MARCH	  	  	APRIL	  	  	MAY	  
1 2 3 4 5	21 29 37	9.0 17 22 	16 23 29	   	MARCH   	  	  	APRIL   	  	  	MAY   	  
1 2 3 4 5 6 7 8	21 29 37  35	9.0 17 22   24	16 23 29  27	   	MARCH	   	  	APRIL	  	   	MAY	   
1 2 3 4 5	21 29 37  35 	9.0 17 22   24 	16 23 29   27	    	MARCH			APRIL		   	MAY	    
1 2 3 4 5 6 7 8 9 10	21 29 37   35 	9.0 17 22  24  	16 23 29  27 	    	MARCH			APRIL	    	   	MAY	    
1 2 3 4 5 6 7 8 9 10	21 29 37  35 	9.0 17 22  24  	16 23 29  27 		MARCH			APRIL	    		MAY	     
1 2 3 4 5 6 7 8 9 10	21 29 37  35  	9.0 17 22  24   	16 23 29  27  		MARCH			APRIL			MAY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14	21 29 37  35   	9.0 17 22  24   	16 23 29  27  		MARCH			APRIL			MAY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	21 29 37  35      48	9.0 17 22  24      39	16 23 29  27      43		MARCH			APRIL			MAY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	21 29 37  35      48	9.0 17 22  24      39	16 23 29  27        		MARCH			APRIL			MAY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	21 29 37  35     48 8	9.0 17 22  24     39 	16 23 29  27      43		MARCH			APRIL			MAY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	21 29 37  35     48 	9.0 17 22  24     39 	16 23 29  27      43 		MARCH			APRIL			MAY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	21 29 37  35    48   	9.0 17 22 24 39	16 23 29  27     43  		MARCH			APRIL			MAY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	21 29 37  35     48   	9.0 17 22  24    39  	16 23 29  27     43  		MARCH			APRIL			MAY	
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	21 29 37  35    48   	9.0 17 22 24 39	16 23 29  27     43   		MARCH			APRIL			MAY	
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	21 29 37  35     48    	9.0 17 22 24 39	16 23 29  27     43   		MARCH			APRIL			MAY	
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	21 29 37  35    48     	9.0 17 22 24 39	16 23 29  27     43   		MARCH			APRIL			MAY	
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	21 29 37  35     48    	9.0 17 22 24 39	16 23 29  27     43    		MARCH			APRIL			MAY	