

APPENDIXES

1. Precipitation recorded at the National Weather Service Cooperative Observation Weather Station (number 311949) near Gum Neck, North Carolina, 1985–2005	55
2. Daily precipitation totals at Juniper Road canal (site 1, U.S. Geological Survey site identification 354400076043101) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, March 2004–March 2006.....	56
3. Daily mean water levels at Juniper Road canal (site 1, U.S. Geological Survey site identification 354400076043101) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, March 2004–March 2006.....	59
4. Daily mean water levels at Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006	62
5. Daily mean water levels at spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004–March 2006	65
6. Daily maximum, minimum, and mean values of top water temperature at Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006.....	68
7. Daily maximum, minimum, and mean values of top specific conductance at Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004–March 2006.....	75
8. Daily maximum, minimum, and mean values of bottom water temperature at Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006.....	82
9. Daily maximum, minimum, and mean values of bottom specific conductance at Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006.....	89
10. Daily maximum, minimum, and mean values of top water temperature at spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004–March 2006.....	96
11. Daily maximum, minimum, and mean values of top specific conductance at spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004–March 2006.....	103
12. Daily maximum, minimum, and mean values of bottom water temperature at spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004–March 2006.....	110
13. Daily maximum, minimum, and mean values of bottom specific conductance at spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004–March 2006	117

54 Effects of Canals and Roads on Health of Atlantic White Cedar at the Buckridge Coastal Reserve, NC, 2003–2006

14. Daily mean water levels in TY-089 Buckridge well SR100 (U.S. Geological Survey site identification 354428076044302) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006	124
15. Daily mean water levels in TY-090 Buckridge well SR45 (U.S. Geological Survey site identification 354428076044303) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006	127
16. Daily mean water levels in TY-091 Buckridge well SR15 (U.S. Geological Survey site identification 354428076044304) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–August 2005	130
17. Daily mean water levels in TY-092 Buckridge well SC12 (U.S. Geological Survey site identification 354428076044305) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006	132
18. Daily mean water levels in TY-093 Buckridge well SC100 (U.S. Geological Survey site identification 354428076044306) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006	135
19. Daily mean water levels in TY-094 Buckridge well HC100 (U.S. Geological Survey site identification 354442076044602) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004–March 2006	138
20. Daily mean water levels in TY-095 Buckridge well HC19 (U.S. Geological Survey site identification 354442076044603) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004–March 2006	141
21. Daily mean water levels in TY-096 Buckridge well HR16 (U.S. Geological Survey site identification 354442076044604) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004–September 2005	144
22. Daily mean water levels in TY-097 Buckridge well HR50 (U.S. Geological Survey site identification 354442076044605) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004–March 2006	146
23. Daily mean water levels in TY-098 Buckridge well HR100 (U.S. Geological Survey site identification 354442076044606) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004–March 2006	149
24. Daily mean water levels in TY-099 Buckridge well HC1000 (U.S. Geological Survey site identification 354437076043601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, May 2004–March 2006	152
25. Water-quality profile measurements at Juniper Road canal (site 1, U.S. Geological Survey site identification 354400076043101) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–January 2006	155
26. Water-quality profile measurements at Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, September 2003–March 2006	158
27. Water-quality profile measurements at spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, September 2003–March 2006	164
28. Water-quality profile measurements at selected canal sites at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, September 2003 and September 2005	171
29. Selected site characteristics and water-quality properties in water within the root zone of healthy and unhealthy stands of Atlantic white cedar at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, August–September 2005	175

Appendix 1. Precipitation recorded at the National Weather Service Cooperative Observation Weather Station (number 311949) near Gum Neck, North Carolina, 1985–2005.

Year	Precipitation (inches)												Annual total
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
1985	3.70	4.21	1.82	1.48	1.98	3.29	8.50	8.56	5.47	4.88	2.79	0.63	47.31
1986	3.27	1.02	2.30	1.51	0.92	4.34	5.92	18.67	1.10	0.99	2.15	1.56	43.75
1987	7.44	2.53	6.66	3.60	2.42	6.11	6.21	8.91	8.46	1.65	3.39	4.12	61.50
1988	4.39	3.00	2.94	7.26	3.64	4.50	3.15	7.97	1.84	3.42	5.06	0.49	47.66
1989	3.29	4.70	7.23	5.81	6.15	3.76	7.72	3.49	8.45	8.40	3.69	17.69	80.38
1990	3.60	2.08	4.20	4.27	7.56	3.42	3.15	9.47	3.39	4.07	2.74	3.23	51.18
1991	6.89	3.05	7.34	2.20	0.66	4.98	12.86	6.67	2.40	3.17	2.03	4.51	56.76
1992	6.54	7.83	5.45	1.31	5.16	8.37	7.76	10.28	6.24	1.72	5.95	3.18	69.79
1993	7.58	2.97	6.23	3.25	3.90	6.66	5.02	3.15	5.63	8.90	2.25	3.35	58.89
1994	8.35	2.71	6.09	1.38	5.11	3.84	5.12	3.39	3.13	5.34	3.77	3.39	51.62
1995	4.01	7.49	2.91	1.81	3.45	7.58	1.10	2.96	3.10	4.37	7.13	2.10	48.01
1996	5.54	7.23	6.47	3.09	4.21	8.09	5.01	8.04	9.78	5.06	5.57	3.66	71.75
1997	3.29	5.97	3.52	3.11	2.68	2.02	7.51	1.88	5.85	2.13	3.43	5.83	47.22
1998	7.53	6.89	5.27	5.19	6.45	6.35	3.67	10.20	2.61	1.47	2.26	5.57	63.46
1999	3.22	1.85	3.07	2.14	5.26	5.03	10.73	10.25	11.49	5.59	1.17	0.87	60.67
2000	5.73	2.21	2.96	5.54	3.67	5.98	5.00	3.78	4.14	0.41	4.88	4.64	48.94
2001	1.42	2.38	2.95	1.44	1.68	6.00	3.91	5.93	2.01	1.83	0.54	1.30	31.39
2002	4.46	2.45	8.76	3.67	2.01	1.40	3.60	7.53	4.69	5.91	4.03	2.07	50.58
2003	8.70	5.48	6.77	7.53	7.08	5.46	15.64	4.48	12.90	1.90	2.43	7.63	86.00
2004	2.01	6.28	2.18	2.42	6.34	6.89	8.36	9.34	6.25	2.54	5.19	5.72	63.52
2005	2.53	2.78	5.09	4.68	7.60	9.77	5.05	4.89	2.28	11.95	3.54	4.15	64.31
Average 1985–2005	4.93	4.05	4.77	3.46	4.19	5.42	6.43	7.14	5.30	4.08	3.52	4.08	57.37

Appendix 2. Daily precipitation totals at Juniper Road canal (site 1, U.S. Geological Survey site identification 354400076043101) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, March 2004–March 2006.

[---, no data]

TOTAL PRECIPITATION, IN INCHES
MARCH TO DECEMBER 2004
DAILY SUM VALUES

DAY	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	---	0.00	0.89	---	0.07	0.35	0.05	0.00	0.00	0.02
2	---	0.00	0.34	---	0.05	0.66	0.00	0.59	0.00	0.00
3	---	0.00	3.41	---	0.36	1.72	0.00	0.01	0.00	0.00
4	---	0.00	0.00	---	0.14	0.00	0.00	1.07	0.17	0.00
5	---	0.00	0.00	---	0.03	0.55	0.00	0.01	0.00	0.00
6	---	0.00	0.00	---	0.00	0.05	0.07	0.00	0.00	0.00
7	---	0.00	---	---	0.00	0.00	0.14	0.00	0.00	0.00
8	---	0.00	---	---	0.00	0.00	0.63	0.00	0.00	0.00
9	---	0.00	---	---	0.00	0.01	---	0.00	0.00	0.31
10	---	0.00	---	---	0.03	0.00	---	0.00	0.00	2.17
11	---	1.19	---	---	0.00	0.00	---	0.00	0.00	0.00
12	---	0.05	---	---	0.61	0.81	---	---	0.81	0.00
13	---	0.80	---	---	0.81	2.03	---	---	0.69	0.00
14	---	0.04	---	---	0.00	1.36	---	---	0.00	0.00
15	---	0.12	---	---	0.00	0.32	---	---	0.00	0.00
16	---	0.00	---	---	0.00	0.00	---	---	0.00	0.00
17	0.03	0.00	---	---	0.00	0.00	---	---	0.00	0.00
18	0.03	0.00	---	---	0.31	0.00	---	---	0.00	0.14
19	0.00	0.00	---	---	0.45	0.03	---	---	0.00	0.00
20	0.00	0.00	---	---	0.10	0.00	---	---	0.00	0.00
21	0.00	0.00	---	---	0.00	0.30	---	---	0.00	0.07
22	0.00	0.00	---	---	0.00	0.02	---	0.03	0.00	0.00
23	0.00	0.00	---	---	0.19	0.00	0.00	0.00	0.14	0.22
24	0.00	0.00	---	---	2.76	0.00	0.00	0.01	0.17	0.00
25	0.00	0.00	---	---	0.19	0.00	0.00	0.00	0.58	0.00
26	0.00	0.37	---	---	1.44	0.01	0.02	0.00	0.00	1.05
27	0.00	0.54	---	---	0.03	0.00	0.49	0.00	1.19	0.01
28	0.00	0.00	---	---	1.15	0.90	0.25	0.00	0.54	0.06
29	0.00	0.00	---	---	0.49	0.06	0.00	0.00	0.00	0.00
30	0.00	0.00	---	---	0.34	0.02	0.00	0.00	0.00	0.00
31	0.66	---	---	---	0.38	0.71	---	0.00	---	0.00
TOTAL	---	3.11	---	---	9.93	9.91	---	---	4.29	4.05

Appendix 2. Daily precipitation totals at Juniper Road canal (site 1, U.S. Geological Survey site identification 354400076043101) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, March 2004–March 2006. — Continued

[---, no data]

TOTAL PRECIPITATION, IN INCHES
JANUARY TO DECEMBER 2005
DAILY SUM VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.00	0.00	0.00	0.62	2.02	0.24	0.36	1.94	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	1.18	0.03	1.62	0.12	0.00	0.00	0.00	0.00	0.01
3	0.00	0.15	0.00	0.00	0.00	0.51	0.24	0.00	0.00	0.00	0.00	0.04
4	0.00	0.00	0.00	0.00	0.00	0.01	0.06	0.00	0.00	0.13	0.00	0.58
5	0.00	0.00	0.04	0.00	0.41	0.12	0.02	0.00	0.00	0.05	0.00	0.65
6	0.00	0.00	0.00	0.00	4.53	0.00	0.02	0.00	0.00	0.01	0.00	0.01
7	0.00	0.00	0.00	0.00	0.46	0.00	0.00	0.00	0.00	1.44	0.00	0.00
8	0.00	0.00	0.16	0.30	0.00	0.00	0.16	0.04	0.00	3.21	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.07	0.00	0.01	0.00	0.25
10	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.08	0.00
11	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
12	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.02	0.04	0.00	0.00
13	0.05	0.00	0.00	1.35	0.00	0.00	0.37	0.01	0.08	0.01	0.00	0.00
14	1.77	0.48	0.58	0.07	0.00	0.02	0.06	0.01	0.06	0.00	0.00	0.00
15	0.01	0.00	0.00	0.00	0.01	0.07	0.89	0.00	1.25	0.00	0.04	1.04
16	0.09	0.03	0.73	0.00	0.00	0.00	0.00	0.36	0.67	0.00	0.00	0.15
17	0.00	0.01	0.78	0.00	0.00	0.00	0.01	0.05	0.09	0.00	0.14	0.01
18	0.00	0.00	0.14	0.00	0.00	0.09	0.00	0.00	1.03	0.00	0.00	0.77
19	0.00	0.00	0.04	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.03	0.15	0.00	0.18	0.24	0.00	0.00	0.05	0.00	0.00	0.00
21	0.00	0.01	0.00	0.00	0.09	0.00	0.15	0.63	0.00	0.00	2.52	0.00
22	0.15	0.00	0.01	0.00	0.00	0.00	0.80	0.00	0.00	2.01	0.01	0.00
23	0.00	0.00	0.58	0.19	0.00	0.00	0.02	0.88	0.01	0.00	0.01	0.00
24	0.00	1.03	0.00	0.00	0.62	0.22	0.00	0.04	0.00	1.48	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.33
26	0.00	0.00	0.00	0.51	0.00	2.24	0.00	0.00	0.00	0.00	0.00	0.01
27	0.00	0.09	0.00	0.03	0.02	0.04	0.00	0.00	0.20	0.00	0.00	0.00
28	0.00	1.26	2.00	0.00	0.39	0.67	0.06	0.11	0.00	0.52	0.00	0.00
29	0.00	---	0.00	0.10	0.00	2.51	2.49	0.00	0.00	0.00	0.08	0.33
30	1.21	---	0.00	0.01	0.00	1.12	0.47	0.03	0.00	0.00	0.90	0.00
31	0.00	---	0.00	---	0.00	---	1.00	0.00	---	0.00	---	0.01
TOTAL	3.28	3.15	5.36	4.58	8.89	9.74	7.33	4.17	3.46	9.45	3.78	4.19

Appendix 2. Daily precipitation totals at Juniper Road canal (site 1, U.S. Geological Survey site identification 354400076043101) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, March 2004–March 2006. — Continued

[---, no data]

TOTAL PRECIPITATION, IN INCHES
JANUARY TO MARCH 2006
DAILY SUM VALUES

DAY	JAN	FEB	MAR
1	0.00	0.00	0.00
2	0.53	0.00	0.00
3	0.51	0.08	0.00
4	0.00	0.14	0.00
5	0.00	0.00	0.00
6	0.01	0.00	0.01
7	0.00	0.06	0.00
8	0.00	0.00	0.00
9	0.00	0.00	0.00
10	0.00	0.00	0.00
11	0.00	0.31	0.00
12	0.00	0.00	0.00
13	0.15	0.00	0.00
14	0.41	0.00	0.00
15	0.00	0.00	0.00
16	0.00	0.00	---
17	0.00	0.00	---
18	0.23	0.10	---
19	0.00	0.00	---
20	0.00	0.01	---
21	0.01	0.00	---
22	0.02	0.13	---
23	0.40	0.63	---
24	0.40	0.00	---
25	0.00	0.02	---
26	0.00	0.01	---
27	0.00	0.00	---
28	0.00	0.00	---
29	0.01	---	---
30	0.00	---	---
31	0.53	---	---
TOTAL	3.21	1.49	---

Appendix 3. Daily mean water levels in Juniper Road canal (site 1, U.S. Geological Survey site identification 354400076043101) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, March 2004–March 2006.

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
MARCH TO DECEMBER 2004
DAILY MEAN VALUES

DAY	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	---	1.10	1.00	---	0.72	0.89	1.05	0.87	0.69	0.93
2	---	1.10	1.06	---	0.69	0.88	1.02	0.86	0.66	0.93
3	---	1.09	1.26	---	0.67	0.98	0.99	0.90	0.63	0.92
4	---	1.09	1.33	---	0.67	1.03	0.96	0.92	0.62	0.90
5	---	1.08	1.32	---	0.64	1.01	0.93	0.96	0.63	0.88
6	---	1.07	1.30	---	0.60	1.05	0.90	0.94	0.60	0.85
7	---	1.06	---	---	0.56	1.03	0.90	0.92	0.57	0.83
8	---	1.04	---	---	0.53	1.01	0.91	0.90	0.54	0.81
9	---	1.03	---	---	0.50	0.98	---	0.87	0.52	0.82
10	---	1.02	---	---	0.47	0.95	---	0.84	0.48	1.00
11	---	1.02	---	---	0.43	0.92	---	0.82	0.43	1.03
12	---	1.06	---	---	0.41	0.90	---	---	0.41	1.01
13	---	1.10	---	---	0.41	1.10	---	---	0.67	0.99
14	---	1.15	---	---	0.39	1.21	---	---	0.69	0.97
15	---	1.15	---	---	0.34	1.29	---	---	0.65	0.95
16	---	1.14	---	---	0.28	1.30	---	---	0.61	0.93
17	1.24	1.12	---	---	0.22	1.27	---	---	0.59	0.91
18	1.23	1.10	---	---	0.28	1.24	---	---	0.56	0.90
19	1.22	1.09	---	---	0.34	1.21	---	---	0.54	0.89
20	1.21	1.06	---	---	0.33	1.18	---	---	0.53	0.89
21	1.20	1.05	---	---	0.27	1.16	---	---	0.52	0.87
22	1.19	1.03	---	---	0.21	1.15	---	0.74	0.51	0.86
23	1.16	1.02	---	---	0.22	1.13	0.92	0.73	0.52	0.86
24	1.11	1.01	---	---	0.66	1.10	0.91	0.71	0.53	0.88
25	1.11	1.01	---	---	0.69	1.06	0.88	0.70	0.63	0.87
26	1.11	0.99	---	---	0.83	1.02	0.86	0.70	0.66	0.94
27	1.10	1.02	---	---	0.81	0.99	0.87	0.70	0.67	0.98
28	1.10	1.03	---	---	0.87	1.00	0.91	0.70	0.94	0.96
29	1.09	1.01	---	---	0.92	1.06	0.91	0.70	0.96	0.95
30	1.09	1.00	---	---	0.90	1.04	0.89	0.70	0.95	0.94
31	1.10	---	---	---	0.89	1.03	---	0.70	---	0.92
MEAN	---	1.06	---	---	0.54	1.07	---	---	0.62	0.92
MAX	---	1.15	---	---	0.92	1.30	---	---	0.96	1.03
MIN	---	0.99	---	---	0.21	0.88	---	---	0.41	0.81

Appendix 3. Daily mean water levels in Juniper Road canal (site 1, U.S. Geological Survey site identification 354400076043101) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, March 2004–March 2006. — Continued

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
JANUARY TO DECEMBER 2005
DAILY MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.90	0.91	0.95	1.08	1.09	0.81	1.15	1.05	0.56	0.30	0.85	0.63
2	0.88	0.90	0.94	1.17	1.08	0.94	1.14	1.01	0.44	0.27	0.83	0.59
3	0.87	0.88	0.92	1.21	1.05	1.04	1.11	0.97	0.39	0.21	0.79	0.53
4	0.85	0.89	0.90	1.19	1.01	1.04	1.07	0.93	0.29	0.17	0.75	0.54
5	0.84	0.87	0.88	1.17	0.99	1.01	1.03	0.89	0.20	0.24	0.71	0.70
6	0.82	0.85	0.87	1.15	1.25	0.98	0.99	0.85	0.11	0.29	0.67	0.70
7	0.80	0.84	0.85	1.13	1.47	0.95	0.95	0.80	0.07	0.41	0.64	0.66
8	0.78	0.82	0.85	1.13	1.46	0.92	0.91	0.76	0.14	0.76	0.60	0.61
9	0.77	0.81	0.84	1.14	1.44	0.89	0.87	0.73	0.21	0.88	0.56	0.59
10	0.76	0.81	0.82	1.13	1.40	0.87	0.82	0.73	0.22	0.93	0.58	0.57
11	0.75	0.80	0.80	1.10	1.37	0.82	0.77	0.70	0.12	0.96	0.57	0.53
12	0.73	0.78	0.81	1.09	1.34	0.77	0.72	0.66	0.00	0.95	0.47	0.49
13	0.71	0.77	0.79	1.17	1.31	0.73	0.72	0.61	0.17	0.93	0.42	0.53
14	0.81	0.77	0.84	1.20	1.28	0.68	0.71	0.56	0.35	0.92	0.39	0.46
15	0.94	0.80	0.83	1.18	1.24	0.63	0.71	0.51	0.56	0.90	0.37	0.42
16	0.93	0.78	0.84	1.17	1.22	0.59	0.75	0.47	0.57	0.89	0.36	0.64
17	0.93	0.77	0.95	1.15	1.18	0.54	0.70	0.51	0.53	0.88	0.42	0.64
18	0.92	0.76	1.00	1.13	1.14	0.50	0.66	0.45	0.62	0.84	0.39	0.71
19	0.90	0.74	0.98	1.10	1.12	0.46	0.61	0.43	0.64	0.82	0.29	0.73
20	0.89	0.72	0.98	1.09	1.10	0.42	0.57	0.45	0.59	0.79	0.19	0.70
21	0.89	0.70	0.97	1.06	1.10	0.32	0.52	0.47	0.61	0.77	0.44	0.67
22	0.87	0.69	0.95	1.04	1.06	0.34	0.54	0.55	0.51	0.85	0.76	0.62
23	0.88	0.68	0.96	1.02	1.03	0.39	0.64	0.56	0.47	0.93	0.73	0.57
24	0.85	0.77	0.99	1.03	1.01	0.28	0.58	0.60	0.46	0.97	0.68	0.53
25	0.83	0.83	0.98	1.00	1.00	0.26	0.51	0.53	0.37	1.03	0.70	0.52
26	0.83	0.81	0.97	0.98	0.96	0.49	0.51	0.48	0.40	1.00	0.62	0.55
27	0.83	0.79	0.96	1.02	0.94	0.63	0.47	0.46	0.52	0.97	0.55	0.53
28	0.81	0.93	1.06	1.00	0.92	0.65	0.50	0.51	0.37	0.97	0.49	0.48
29	0.79	---	1.13	0.98	0.92	0.99	0.65	0.51	0.35	0.95	0.45	0.52
30	0.89	---	1.11	0.96	0.88	1.10	0.84	0.54	0.49	0.91	0.62	0.52
31	0.93	---	1.09	---	0.85	---	0.88	0.54	---	0.88	---	0.49
MEAN	0.84	0.80	0.93	1.10	1.14	0.70	0.76	0.64	0.38	0.76	0.56	0.58
MAX	0.94	0.93	1.13	1.21	1.47	1.10	1.15	1.05	0.64	1.03	0.85	0.73
MIN	0.71	0.68	0.79	0.96	0.85	0.26	0.47	0.43	0.00	0.17	0.19	0.42

Appendix 3. Daily mean water levels in Juniper Road canal (site 1, U.S. Geological Survey site identification 354400076043101) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, March 2004–March 2006. — Continued

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
JANUARY TO MARCH 2006
DAILY MEAN VALUES

DAY	JAN	FEB	MAR
1	0.49	0.46	0.16
2	0.48	0.44	0.13
3	0.67	0.49	0.35
4	0.69	0.53	0.25
5	0.67	0.60	0.16
6	0.72	0.59	0.12
7	0.67	0.52	0.17
8	0.64	0.46	0.05
9	0.61	0.39	-0.02
10	0.60	0.33	0.00
11	0.55	0.32	0.08
12	0.52	0.33	-0.01
13	0.48	0.29	-0.02
14	0.53	0.25	-0.03
15	0.65	0.23	0.00
16	0.52	0.19	---
17	0.47	0.16	---
18	0.48	0.19	---
19	0.49	0.23	---
20	0.43	0.11	---
21	0.38	0.06	---
22	0.43	0.03	---
23	0.41	0.16	---
24	0.49	0.19	---
25	0.50	0.15	---
26	0.46	0.40	---
27	0.40	0.27	---
28	0.34	0.17	---
29	0.32	---	---
30	0.32	---	---
31	0.42	---	---
MEAN	0.51	0.30	---
MAX	0.72	0.60	---
MIN	0.32	0.03	---

Appendix 4. Daily mean water levels in Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006.

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
FEBRUARY TO DECEMBER 2004
DAILY MEAN VALUES

DAY	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	---	1.22	1.14	1.01	0.79	0.80	0.94	1.07	0.95	0.83	1.02
2	---	1.21	1.13	1.11	0.76	0.78	0.94	1.05	0.94	0.82	1.01
3	---	1.20	1.12	1.31	0.73	0.78	1.02	1.03	0.98	0.81	0.99
4	---	1.19	1.11	1.35	0.76	0.78	1.06	1.00	1.00	0.82	0.98
5	---	1.18	1.10	1.32	0.85	0.76	1.05	0.98	1.04	0.82	0.96
6	---	1.18	1.08	1.29	0.83	0.73	1.07	0.96	1.02	0.80	0.95
7	---	1.17	1.07	1.27	0.93	0.70	1.04	0.95	1.00	0.79	0.95
8	---	1.16	1.06	1.24	0.94	0.67	1.02	0.97	0.99	0.78	0.94
9	---	1.15	1.05	1.22	0.92	0.64	0.99	1.00	0.97	0.77	0.94
10	---	1.16	1.04	1.19	0.89	0.62	0.97	1.00	0.96	0.76	1.07
11	---	1.18	1.05	1.17	0.91	0.59	0.95	0.98	0.95	0.75	1.10
12	---	1.17	1.12	1.14	0.99	0.57	0.94	0.96	0.93	0.76	1.08
13	---	1.15	1.14	1.12	0.96	0.57	1.12	0.93	0.92	0.90	1.06
14	---	1.14	1.18	1.10	0.94	0.57	1.22	0.91	0.91	0.88	1.05
15	---	1.14	1.17	1.07	0.92	0.55	1.30	0.96	0.92	0.87	1.03
16	---	1.22	1.15	1.04	0.89	0.54	1.30	1.04	0.93	0.86	1.01
17	---	1.25	1.14	1.01	0.88	0.52	1.27	1.02	0.91	0.85	1.00
18	---	1.24	1.12	0.98	0.86	0.54	1.24	1.04	0.90	0.84	1.00
19	---	1.23	1.11	0.95	0.84	0.55	1.21	1.04	0.91	0.84	0.99
20	---	1.22	1.09	0.94	0.82	0.57	1.18	1.02	0.92	0.83	0.98
21	---	1.21	1.08	0.91	0.80	0.56	1.16	1.00	0.92	0.82	0.96
22	---	1.19	1.06	0.95	0.78	0.54	1.16	0.98	0.91	0.82	0.96
23	---	1.18	1.05	1.04	0.75	0.52	1.13	0.97	0.90	0.82	0.96
24	---	1.16	1.04	1.01	0.70	0.77	1.10	0.96	0.89	0.83	0.98
25	---	1.15	1.02	0.98	0.69	0.80	1.07	0.95	0.88	0.88	0.97
26	---	1.14	1.01	0.95	0.75	0.90	1.05	0.94	0.87	0.88	1.02
27	1.25	1.12	1.07	0.93	0.73	0.88	1.02	0.95	0.86	0.89	1.05
28	1.24	1.12	1.06	0.90	0.78	0.93	1.04	0.98	0.85	1.06	1.03
29	1.23	1.11	1.04	0.87	0.86	0.96	1.09	0.98	0.85	1.05	1.02
30	---	1.10	1.02	0.84	0.83	0.94	1.07	0.96	0.84	1.03	1.01
31	---	1.13	---	0.82	---	0.94	1.06	---	0.84	---	0.99
MEAN	---	1.17	1.09	1.07	0.84	0.70	1.09	0.99	0.92	0.85	1.00
MAX	---	1.25	1.18	1.35	0.99	0.96	1.30	1.07	1.04	1.06	1.10
MIN	---	1.10	1.01	0.82	0.69	0.52	0.94	0.91	0.84	0.75	0.94

Appendix 4. Daily mean water levels in Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006. — Continued

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
JANUARY TO DECEMBER 2005
DAILY MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.98	0.97	1.00	1.12	1.11	0.86	1.17	---	---	0.39	---	0.72
2	0.97	0.96	0.99	1.20	1.11	0.97	1.16	---	---	0.35	---	0.68
3	0.96	0.96	0.97	1.24	1.08	1.07	1.13	1.00	---	0.31	0.84	0.64
4	0.94	0.96	0.95	1.21	1.05	1.06	1.10	0.96	---	0.28	0.80	0.66
5	0.93	0.94	0.94	1.18	1.03	1.03	1.06	0.93	---	0.31	0.78	0.77
6	0.92	0.93	0.93	1.16	1.27	1.01	1.03	0.90	---	0.34	0.74	0.77
7	0.91	0.92	0.92	1.15	1.49	0.98	1.00	0.86	---	0.44	0.71	0.73
8	0.90	0.91	0.91	1.16	1.47	0.96	0.96	0.83	0.29	0.79	0.68	0.70
9	0.89	0.90	0.90	1.16	1.45	0.94	0.91	0.81	0.31	0.90	0.65	0.70
10	0.87	0.90	0.89	1.13	1.41	0.92	0.87	0.81	0.31	0.95	0.65	0.68
11	0.86	0.89	0.88	1.11	1.38	0.89	0.83	0.79	0.28	0.99	0.64	0.64
12	0.85	0.88	0.88	1.10	1.35	0.85	0.79	0.75	0.20	0.98	0.57	0.61
13	0.84	0.86	0.87	1.18	1.32	0.81	0.80	0.71	0.25	0.96	0.53	0.61
14	0.93	0.87	0.90	1.21	1.29	0.78	0.79	0.68	0.36	0.94	0.50	0.56
15	1.02	0.89	0.90	1.19	1.26	0.74	0.79	0.65	0.54	0.93	0.47	0.54
16	1.01	0.88	0.91	1.17	1.23	0.70	0.83	0.64	0.59	0.91	0.45	0.71
17	1.01	0.87	0.99	1.15	1.20	0.66	0.79	0.67	0.56	0.90	0.53	0.71
18	0.99	0.85	1.03	1.14	1.17	0.62	0.76	0.63	0.63	0.87	0.49	0.77
19	0.98	0.84	1.02	1.12	1.14	0.59	0.72	0.60	0.66	0.85	0.41	0.79
20	0.97	0.82	1.02	1.10	1.12	0.56	0.68	0.60	0.61	0.82	0.37	0.76
21	0.97	0.82	1.01	1.09	1.12	0.51	0.65	0.60	0.63	0.80	0.56	0.73
22	0.96	0.81	0.99	1.06	1.08	0.48	0.65	0.66	0.57	---	0.80	0.69
23	0.96	0.80	1.01	1.05	1.05	0.49	0.73	0.67	0.53	---	0.77	0.65
24	0.94	0.87	1.04	1.04	1.03	0.44	0.69	---	0.51	---	0.75	0.62
25	0.93	0.91	1.02	1.02	1.02	0.42	0.64	---	0.46	---	0.74	0.62
26	0.92	0.89	1.01	1.01	1.00	0.59	0.62	---	0.45	---	0.69	0.64
27	0.91	0.88	1.00	1.04	0.96	0.70	0.59	---	0.53	---	0.65	0.62
28	0.89	0.99	1.10	1.02	0.95	0.73	0.59	---	0.46	---	0.62	0.58
29	0.88	---	1.16	1.00	0.94	1.04	0.73	---	0.42	---	0.59	0.61
30	0.96	---	1.14	0.99	0.91	1.13	0.88	---	0.51	---	0.71	0.60
31	0.98	---	1.12	---	0.89	---	0.92	---	---	---	---	0.58
MEAN	0.94	0.89	0.98	1.12	1.16	0.78	0.83	---	---	---	---	0.67
MAX	1.02	0.99	1.16	1.24	1.49	1.13	1.17	---	---	---	---	0.79
MIN	0.84	0.80	0.87	0.99	0.89	0.42	0.59	---	---	---	---	0.54

Appendix 4. Daily mean water levels in Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006. — Continued

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
JANUARY TO MARCH 2006
DAILY MEAN VALUES

DAY	JAN	FEB	MAR
1	0.57	0.51	0.23
2	0.56	0.49	0.21
3	0.73	0.53	0.38
4	0.74	0.57	0.31
5	0.72	0.61	0.23
6	0.74	0.61	0.18
7	0.71	0.55	0.22
8	0.68	0.50	0.13
9	0.67	0.44	0.07
10	0.65	0.39	0.07
11	0.62	0.38	0.14
12	0.59	0.39	0.08
13	0.56	0.35	0.06
14	0.59	0.31	0.08
15	0.67	0.30	---
16	0.58	0.27	---
17	0.53	0.24	---
18	0.54	0.27	---
19	0.54	0.29	---
20	0.49	0.20	---
21	0.45	0.16	---
22	0.49	0.13	---
23	0.48	0.24	---
24	0.56	0.26	---
25	0.56	0.23	---
26	0.52	0.41	---
27	0.47	0.34	---
28	0.43	0.25	---
29	0.40	---	---
30	0.40	---	---
31	0.48	---	---
MEAN	0.57	0.36	---
MAX	0.74	0.61	---
MIN	0.40	0.13	---

Appendix 5. Daily mean water levels in spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004–March 2006.

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
APRIL TO DECEMBER 2004
DAILY MEAN VALUES

DAY	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	---	0.99	0.91	1.00	1.18	1.14	1.09	0.91	1.09
2	---	1.09	0.88	0.98	1.17	1.13	1.08	0.91	1.08
3	---	1.33	0.85	0.97	1.25	1.11	1.12	0.90	1.07
4	---	1.35	0.89	0.96	1.33	1.09	1.14	0.90	1.05
5	---	1.30	0.96	0.94	1.32	1.07	1.18	0.90	1.04
6	---	1.27	0.94	0.92	1.32	1.06	1.16	0.88	1.03
7	---	1.24	1.07	0.89	1.28	1.05	1.14	0.87	1.03
8	---	1.22	1.08	0.86	1.23	1.07	1.12	0.86	1.02
9	---	1.20	1.05	0.83	1.20	1.11	1.10	0.84	1.02
10	---	1.17	1.03	0.81	1.16	1.10	1.09	0.83	1.18
11	---	1.15	1.07	0.78	1.13	1.08	1.07	0.82	1.21
12	---	1.13	1.15	0.76	1.11	1.07	1.05	0.83	1.18
13	---	1.11	1.12	0.76	1.30	1.04	1.04	0.96	1.16
14	---	1.09	1.10	0.74	1.37	1.03	1.04	0.95	1.14
15	---	1.07	1.07	0.72	1.40	1.07	1.05	0.94	1.12
16	---	1.05	1.04	0.69	1.37	1.15	1.06	0.94	1.11
17	---	1.03	1.02	0.67	1.33	1.14	1.04	0.93	1.10
18	---	1.01	1.00	0.67	1.28	1.16	1.02	0.92	1.10
19	---	0.99	0.98	0.67	1.25	1.18	1.04	0.91	1.10
20	---	0.98	0.96	0.68	1.22	1.21	1.05	0.91	1.09
21	---	0.96	0.93	0.68	1.20	1.21	1.04	0.90	1.08
22	---	1.02	0.92	0.66	1.20	1.19	1.03	0.89	1.07
23	---	1.12	0.89	0.66	1.17	1.16	1.01	0.90	1.08
24	1.00	1.09	0.88	0.97	1.15	1.14	1.00	0.91	1.09
25	0.99	1.06	0.87	0.98	1.12	1.12	0.99	0.96	1.08
26	0.98	1.04	0.93	1.09	1.10	1.10	0.98	0.95	1.14
27	1.05	1.02	0.91	1.09	1.08	1.10	0.97	0.97	1.17
28	1.03	1.00	0.96	1.16	1.10	1.13	0.96	1.12	1.15
29	1.01	0.97	1.04	1.20	1.14	1.12	0.95	1.11	1.15
30	1.00	0.95	1.02	1.18	1.11	1.11	0.94	1.10	1.13
31	---	0.93	---	1.18	1.11	---	0.93	---	1.12
MEAN	---	1.09	0.98	0.88	1.22	1.11	1.05	0.92	1.10
MAX	---	1.35	1.15	1.20	1.40	1.21	1.18	1.12	1.21
MIN	---	0.93	0.85	0.66	1.08	1.03	0.93	0.82	1.02

Appendix 5. Daily mean water levels in spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004–March 2006. — Continued

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
 JANUARY TO DECEMBER 2005
 DAILY MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1.11	1.17	1.21	1.27	1.29	1.04	1.42	---	0.99	0.78	1.17	1.13
2	1.10	1.16	1.19	1.36	1.30	1.16	1.38	---	0.96	0.76	1.15	1.11
3	1.09	1.15	1.17	1.38	1.27	1.23	1.33	1.33	0.94	0.75	1.13	1.10
4	1.09	1.15	1.16	1.34	1.25	1.23	1.29	1.29	0.91	0.74	1.12	1.12
5	1.08	1.14	1.15	1.31	1.23	1.21	1.25	1.25	0.88	0.74	1.11	1.18
6	1.07	1.13	1.13	1.29	1.46	1.19	1.22	1.22	0.86	0.74	1.09	1.17
7	1.06	1.12	1.12	1.27	1.69	1.17	1.19	1.19	0.84	0.77	1.07	1.16
8	1.05	1.11	1.12	1.28	1.58	1.15	1.16	1.16	0.82	1.12	1.06	1.14
9	1.04	1.10	1.11	1.27	1.51	1.15	1.12	1.14	0.80	1.23	1.05	1.15
10	1.04	1.10	1.10	1.25	1.46	1.13	1.10	1.13	0.78	1.28	1.04	1.14
11	1.03	1.09	1.09	1.23	1.42	1.10	1.07	1.11	0.75	1.30	1.02	1.13
12	1.02	1.08	1.09	1.22	1.39	1.08	1.04	1.09	0.74	1.27	1.00	1.12
13	1.01	1.07	1.08	1.30	1.37	1.05	1.06	1.06	0.73	1.24	0.99	1.11
14	1.10	1.07	1.11	1.32	1.34	1.03	1.06	1.04	0.73	1.22	0.98	1.09
15	1.21	1.10	1.11	1.30	1.32	1.00	---	1.02	0.82	1.20	0.97	1.10
16	1.23	1.09	1.12	1.30	1.30	0.98	---	1.04	0.90	1.17	0.96	1.19
17	1.22	1.08	1.19	1.29	1.28	0.95	---	1.12	0.91	1.14	0.96	1.17
18	1.20	1.07	1.22	1.27	1.26	0.93	---	1.10	0.93	1.12	0.95	1.21
19	1.18	1.05	1.20	1.26	1.24	0.90	---	1.08	0.96	1.10	0.94	1.22
20	1.17	1.04	1.20	1.24	1.23	0.87	---	1.06	0.95	1.08	0.93	1.20
21	1.16	1.04	1.19	1.23	1.23	0.85	---	1.05	0.93	1.07	1.06	1.19
22	1.15	1.04	1.17	1.21	1.21	0.83	---	1.08	0.92	1.16	1.17	1.17
23	1.16	1.03	1.19	1.20	1.19	0.80	---	1.08	0.90	1.23	1.15	1.16
24	1.13	1.09	1.21	1.19	1.18	0.78	---	1.12	0.88	1.27	1.14	1.15
25	1.12	1.12	1.19	1.17	1.16	0.76	---	1.10	0.86	1.32	1.11	1.15
26	1.12	1.11	1.18	1.16	1.15	0.90	---	1.08	0.85	1.27	1.10	1.16
27	1.11	1.10	1.17	1.19	1.12	0.99	---	1.06	0.85	1.24	1.08	1.14
28	1.09	1.20	1.27	1.17	1.11	1.00	---	1.05	0.83	1.24	1.06	1.13
29	1.09	---	1.33	1.16	1.11	1.26	---	1.05	0.81	1.24	1.05	1.15
30	1.16	---	1.30	1.15	1.08	1.34	---	1.03	0.80	1.21	1.13	1.14
31	1.19	---	1.28	---	1.06	---	---	1.01	---	1.19	---	1.13
MEAN	1.12	1.10	1.17	1.25	1.28	1.04	---	---	0.86	1.10	1.06	1.15
MAX	1.23	1.20	1.33	1.38	1.69	1.34	---	---	0.99	1.32	1.17	1.22
MIN	1.01	1.03	1.08	1.15	1.06	0.76	---	---	0.73	0.74	0.93	1.09

Appendix 5. Daily mean water levels in spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004–March 2006. — Continued

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
JANUARY TO MARCH 2006
DAILY MEAN VALUES

DAY	JAN	FEB	MAR
1	1.12	1.07	0.92
2	1.12	1.06	0.91
3	1.20	1.06	0.90
4	1.19	1.05	0.89
5	1.18	1.04	0.87
6	1.17	1.03	0.87
7	1.16	1.02	0.86
8	1.14	1.01	0.85
9	1.13	1.01	0.84
10	1.11	0.99	0.83
11	1.10	1.01	0.81
12	1.09	1.03	0.80
13	1.08	1.01	0.79
14	1.12	1.00	---
15	1.11	0.98	---
16	1.09	0.97	---
17	1.08	0.96	---
18	1.08	0.95	---
19	1.07	0.94	---
20	1.06	0.94	---
21	1.05	0.93	---
22	1.07	0.92	---
23	1.07	0.99	---
24	1.11	0.98	---
25	1.10	0.96	---
26	1.09	0.95	---
27	1.07	0.94	---
28	1.06	0.93	---
29	1.05	---	---
30	1.04	---	---
31	1.07	---	---
MEAN	1.10	0.99	---
MAX	1.20	1.07	---
MIN	1.04	0.92	---

Appendix 6. Daily maximum, minimum, and mean values of water temperature, top, in Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004—March 2006.

[MAX, maximum; MIN, minimum; ---, no data]

WATER TEMPERATURE, IN DEGREES CELSIUS, TOP
FEBRUARY TO APRIL 2004
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	FEBRUARY			MARCH			APRIL		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	5.8	5.5	5.7	10.7	10.5	10.6
2	---	---	---	6.2	5.7	6.0	10.6	10.4	10.5
3	---	---	---	---	---	---	10.7	10.5	10.6
4	---	---	---	---	---	---	11.6	10.6	10.9
5	---	---	---	---	---	---	11.5	10.3	10.9
6	---	---	---	---	---	---	11.1	9.9	10.2
7	---	---	---	---	---	---	10.4	10.1	10.3
8	---	---	---	---	---	---	10.7	10.3	10.5
9	---	---	---	---	---	---	11.2	10.6	10.9
10	---	---	---	---	---	---	11.9	11.0	11.5
11	---	---	---	---	---	---	12.1	11.6	11.9
12	---	---	---	8.8	8.6	8.6	12.5	12.0	12.2
13	---	---	---	8.9	8.5	8.7	13.3	12.5	12.8
14	---	---	---	8.6	8.2	8.3	13.6	13.2	13.4
15	---	---	---	8.6	8.3	8.4	14.0	13.4	13.7
16	---	---	---	9.0	8.5	8.7	13.6	12.9	13.1
17	---	---	---	9.4	9.0	9.2	13.2	12.9	13.0
18	---	---	---	9.4	8.7	8.9	13.6	13.0	13.2
19	---	---	---	10.6	9.1	9.9	14.0	13.4	13.6
20	---	---	---	10.3	9.4	9.7	14.4	13.9	14.1
21	---	---	---	10.1	9.6	9.9	15.1	14.3	14.7
22	---	---	---	10.2	9.7	9.9	15.7	14.9	15.3
23	---	---	---	10.0	8.9	9.2	16.4	15.6	15.9
24	---	---	---	9.1	8.4	8.7	16.7	16.2	16.5
25	---	---	---	9.0	8.8	8.8	17.2	16.4	16.9
26	---	---	---	9.2	8.9	9.1	17.4	16.9	17.1
27	6.4	5.7	6.0	9.6	9.2	9.4	17.5	16.9	17.2
28	6.0	5.5	5.7	10.2	9.5	9.8	17.3	16.5	16.8
29	5.9	5.3	5.5	10.6	10.1	10.4	16.9	16.0	16.3
30	---	---	---	10.5	10.1	10.3	16.5	16.2	16.3
31	---	---	---	10.7	10.4	10.6	---	---	---
MONTH	---	---	---	---	---	---	17.5	9.9	13.4

Appendix 6. Daily maximum, minimum, and mean values of water temperature, top, in Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

WATER TEMPERATURE, IN DEGREES CELSIUS, TOP
MAY TO AUGUST 2004
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	MAY			JUNE			JULY			AUGUST		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	16.6	16.4	16.5	23.1	22.6	22.8	---	---	---	25.3	25.0	25.2
2	16.7	16.1	16.4	22.8	22.4	22.7	---	---	---	25.5	25.2	25.3
3	18.9	16.2	17.9	23.1	22.6	22.8	---	---	---	25.5	24.9	25.3
4	17.9	17.2	17.4	23.1	22.7	22.9	---	---	---	24.9	24.4	24.5
5	17.2	16.6	16.8	22.8	22.5	22.7	---	---	---	24.8	24.6	24.7
6	16.9	16.6	16.7	22.7	22.2	22.3	---	---	---	24.7	23.9	24.4
7	17.1	16.7	16.9	22.6	22.2	22.4	---	---	---	23.9	22.8	23.1
8	17.7	17.0	17.3	22.3	22.1	22.2	---	---	---	22.9	22.3	22.4
9	18.4	17.6	17.9	22.4	22.2	22.3	25.8	25.3	25.6	22.4	21.9	22.1
10	19.0	18.3	18.5	22.9	22.3	22.6	25.8	25.4	25.6	22.0	21.8	21.9
11	19.6	18.8	19.1	23.1	21.9	22.8	25.9	25.5	25.7	21.9	21.7	21.8
12	20.0	19.4	19.6	23.5	22.5	23.1	25.8	25.4	25.6	22.0	21.9	21.9
13	20.5	19.9	20.1	23.4	22.4	22.7	26.0	25.4	25.6	22.3	22.0	22.2
14	21.0	20.3	20.6	22.7	22.5	22.6	26.0	25.5	25.7	22.7	22.3	22.4
15	21.4	20.6	21.0	22.7	22.5	22.6	25.8	25.5	25.7	22.6	22.5	22.5
16	21.8	21.0	21.4	22.9	22.6	22.8	25.8	24.9	25.2	22.6	22.4	22.5
17	21.8	21.4	21.6	23.2	22.9	23.0	25.2	24.4	24.6	22.5	22.1	22.2
18	21.7	21.3	21.5	23.6	23.1	23.4	24.9	24.7	24.8	22.2	21.9	22.0
19	21.6	21.1	21.4	24.0	23.5	23.7	24.9	24.6	24.7	22.4	22.1	22.2
20	21.8	21.2	21.5	24.1	23.8	23.9	24.7	24.1	24.3	22.7	22.4	22.5
21	22.1	21.4	21.8	23.8	22.6	23.1	24.4	24.1	24.3	23.4	22.7	23.0
22	23.8	21.8	22.6	23.3	23.1	23.2	24.4	24.0	24.2	23.7	23.3	23.5
23	23.3	22.4	22.7	23.7	23.2	23.4	24.4	24.2	24.3	23.5	22.9	23.1
24	22.8	22.5	22.6	24.5	23.5	24.0	24.3	24.0	24.2	23.0	22.3	22.5
25	23.1	22.7	22.9	24.3	23.8	24.1	24.4	24.1	24.2	22.4	22.1	22.2
26	23.6	23.0	23.3	24.3	24.0	24.1	24.3	24.0	24.1	22.4	22.2	22.2
27	23.9	23.3	23.6	24.2	23.7	23.9	24.4	24.2	24.3	22.7	22.3	22.5
28	24.1	23.6	23.9	---	---	---	24.7	24.4	24.6	23.3	22.7	22.9
29	24.1	23.7	23.9	---	---	---	24.7	24.4	24.5	23.4	23.1	23.2
30	23.8	22.8	23.1	---	---	---	24.7	24.4	24.5	23.5	23.4	23.4
31	23.0	22.7	22.8	---	---	---	25.0	24.7	24.8	23.8	23.5	23.6
MONTH	24.1	16.1	20.4	---	---	---	---	---	---	25.5	21.7	23.0

Appendix 6. Daily maximum, minimum, and mean values of water temperature, top, in Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

WATER TEMPERATURE, IN DEGREES CELSIUS, TOP
SEPTEMBER TO DECEMBER 2004
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	23.8	23.7	23.7	20.5	20.4	20.4	15.0	14.7	14.9	10.1	9.8	10
2	23.7	23.2	23.3	20.6	20.5	20.5	15.2	15.0	15.1	10.0	9.5	9.7
3	23.3	23.1	23.2	20.6	20.5	20.5	15.4	15.2	15.3	9.7	9.1	9.4
4	23.2	23.1	23.2	20.6	20.3	20.4	15.6	15.4	15.5	9.1	8.5	8.7
5	23.4	23.2	23.3	20.4	19.9	20.0	15.6	14.8	15.4	8.5	8.1	8.2
6	23.6	23.4	23.5	19.9	19.1	19.4	14.8	14.0	14.3	8.3	8.1	8.2
7	23.7	23.6	23.6	19.1	18.3	18.5	14.0	13.6	13.7	8.8	8.3	8.5
8	23.8	23.7	23.7	18.3	17.7	17.8	13.6	13.3	13.5	9.4	8.7	9.0
9	24.0	23.8	23.9	17.7	17.5	17.6	13.3	12.5	12.9	9.6	9.2	9.4
10	24.1	23.7	23.8	17.6	17.5	17.6	12.5	11.7	12.1	10.0	9.6	9.8
11	23.8	23.4	23.5	17.6	17.2	17.4	11.7	11.2	11.3	10.3	10.0	10.2
12	23.4	23.0	23.1	17.2	16.6	16.7	11.6	11.2	11.4	10.3	9.8	9.9
13	23.0	22.4	22.6	16.6	16.4	16.4	11.8	11.6	11.8	9.8	9.6	9.7
14	22.6	22.2	22.3	16.7	16.4	16.6	11.6	10.8	11.1	9.6	8.6	9.1
15	22.5	22.3	22.3	16.7	16.5	16.6	10.8	10.1	10.3	8.6	7.2	7.9
16	22.4	22.3	22.3	16.5	15.9	16.1	10.1	9.6	9.7	7.2	6.6	6.8
17	22.7	22.4	22.6	16.1	15.6	15.7	9.6	9.2	9.3	6.6	6.2	6.4
18	22.8	22.4	22.7	15.6	15.2	15.3	9.3	9.0	9.0	6.7	6.4	6.5
19	22.4	21.5	21.9	15.6	15.2	15.4	9.3	9.0	9.2	6.7	6.3	6.5
20	21.5	20.7	21.0	16.0	15.6	15.8	9.6	9.3	9.5	6.5	4.6	5.4
21	20.7	20.0	20.3	16.3	16.0	16.1	10.0	9.6	9.8	4.7	4.4	4.5
22	20.0	19.6	19.7	16.4	16.2	16.4	10.5	10.0	10.2	5.0	4.3	4.6
23	19.7	19.3	19.4	16.2	15.5	15.8	10.6	10.3	10.4	6.1	5.0	5.3
24	19.6	19.4	19.5	15.5	15.0	15.2	10.9	10.6	10.7	6.2	5.9	6.1
25	19.7	19.6	19.6	15.0	14.6	14.7	11.4	10.9	11.1	6.1	5.7	5.8
26	19.7	19.5	19.6	14.6	14.5	14.5	11.4	10.2	10.7	5.8	5.3	5.6
27	19.9	19.6	19.7	14.5	14.1	14.2	10.2	9.8	9.9	5.3	4.4	4.9
28	20.1	19.9	20.0	14.2	14.1	14.2	11.0	9.9	10.6	4.4	4.1	4.2
29	20.5	20.1	20.3	14.2	13.9	14.0	10.9	10.3	10.6	4.4	3.9	4.1
30	20.5	20.4	20.4	14.3	14.0	14.1	10.3	9.8	10	4.7	4.2	4.4
31	---	---	---	14.7	14.3	14.5	---	---	---	5.2	4.4	4.7
MONTH	24.1	19.3	21.9	20.6	13.9	16.7	15.6	9.0	11.6	10.3	3.9	7.2

Appendix 6. Daily maximum, minimum, and mean values of water temperature, top, in Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

WATER TEMPERATURE, IN DEGREES CELSIUS, TOP
JANUARY TO APRIL 2005
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	JANUARY			FEBRUARY			MARCH			APRIL		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5.6	4.9	5.1	4.5	4.0	4.2	7.8	6.9	7.1	12.2	11.7	12.0
2	6.0	5.3	5.5	4.5	3.9	4.2	7.5	6.3	6.8	12.9	12.2	12.5
3	6.5	5.9	6.1	4.6	4.1	4.3	7.1	5.9	6.3	13.3	12.2	12.7
4	7.1	6.5	6.7	4.7	4.3	4.5	6.3	5.4	5.8	13.0	12.3	12.6
5	7.6	7.0	7.3	5.0	4.3	4.6	6.6	5.8	6.0	12.8	12.4	12.7
6	8.2	7.6	7.9	5.1	4.3	4.7	6.6	5.8	6.2	12.9	12.4	12.7
7	8.9	8.1	8.6	5.3	4.8	5.0	6.9	6.2	6.5	13.4	12.9	13.1
8	9.3	8.8	9.0	5.7	5.0	5.3	8.3	6.8	7.2	14.1	13.4	13.7
9	9.5	8.9	9.2	6.1	5.5	5.7	7.4	6.3	6.9	14.2	13.6	13.9
10	9.1	8.7	8.9	7.1	6.1	6.5	7.3	6.5	6.8	13.6	13.0	13.3
11	9.0	8.5	8.7	6.7	5.8	6.2	7.6	6.6	6.9	13.4	12.5	12.8
12	8.9	8.6	8.7	5.9	5.2	5.6	7.6	6.8	7.2	12.9	12.3	12.6
13	9.5	8.9	9.2	6.0	5.2	5.5	7.9	7.2	7.5	12.4	11.8	12.1
14	10.9	9.5	9.9	6.4	5.9	6.0	7.9	7.3	7.6	11.9	11.4	11.7
15	9.6	9.2	9.4	6.9	6.4	6.6	8.1	6.8	7.3	11.9	10.9	11.4
16	9.2	8.9	9.0	7.4	6.8	7.0	7.5	6.9	7.0	10.9	10.5	10.7
17	8.9	7.4	8.3	7.7	7.3	7.5	6.9	6.4	6.6	10.8	10.1	10.4
18	7.4	5.4	6.3	7.4	6.6	7.0	7.1	6.4	6.7	10.6	10.1	10.4
19	5.4	4.9	5.0	6.6	6.0	6.3	7.1	6.5	6.7	11.1	10.6	10.8
20	5.0	4.5	4.8	6.3	5.7	6.0	7.4	7.0	7.2	11.9	11.1	11.5
21	4.9	4.6	4.8	6.9	6.2	6.4	7.9	7.4	7.6	12.9	11.9	12.4
22	4.8	4.2	4.5	7.4	6.9	7.1	8.2	7.6	7.9	13.9	12.9	13.3
23	4.8	3.7	4.2	7.6	6.9	7.2	8.7	8.1	8.4	14.5	13.8	14.1
24	3.7	3.4	3.6	7.3	7.0	7.1	9.2	8.7	9.0	14.5	13.8	14.2
25	3.8	3.4	3.6	7.2	6.9	7.0	9.4	8.8	9.1	14.0	13.2	13.5
26	4.1	3.4	3.7	7.0	6.4	6.7	9.6	9.2	9.4	13.6	13.3	13.5
27	4.0	3.5	3.8	6.7	6.0	6.3	9.8	9.6	9.6	13.8	13.6	13.7
28	3.6	3.4	3.5	7.2	6.4	6.8	10.6	9.8	10.0	14.0	13.3	13.7
29	3.7	3.4	3.5	---	---	---	11.5	10.3	10.8	14.2	13.9	14.0
30	4.0	3.6	3.8	---	---	---	11.6	10.9	11.2	14.7	14.2	14.4
31	4.3	3.8	4.0	---	---	---	11.8	11.4	11.5	---	---	---
MONTH	10.9	3.4	6.3	7.7	3.9	6.0	11.8	5.4	7.8	14.7	10.1	12.7

Appendix 6. Daily maximum, minimum, and mean values of water temperature, top, in Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

WATER TEMPERATURE, IN DEGREES CELSIUS, TOP
MAY TO AUGUST 2005
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	MAY			JUNE			JULY			AUGUST		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	15.6	14.7	15.1	18.4	17.9	18.1	24.0	22.8	23.3	---	---	---
2	15.6	14.8	15.2	18.1	17.9	17.9	24.5	24.0	24.2	---	---	---
3	15.4	15.0	15.3	17.9	17.8	17.9	24.5	24.2	24.4	24.4	24.1	24.3
4	15.4	14.7	15.0	18.5	17.9	18.1	24.4	24.1	24.2	24.7	24.3	24.5
5	15.1	14.6	14.8	19.3	18.4	18.9	24.3	24.0	24.2	24.7	24.4	24.5
6	14.9	13.7	14.3	19.9	19.2	19.6	24.6	24.3	24.4	24.8	24.4	24.6
7	13.7	12.5	12.9	20.6	19.9	20.3	25.1	24.6	24.8	24.9	24.5	24.7
8	13.8	12.5	13.0	21.2	20.6	20.9	25.3	25.1	25.2	24.8	24.5	24.7
9	14.1	13.6	13.8	21.8	21.2	21.5	25.3	24.9	25.0	24.8	24.5	24.7
10	14.6	13.9	14.2	22.0	21.7	21.9	25.1	24.8	24.9	24.8	24.5	24.7
11	15.1	14.5	14.7	21.9	21.5	21.7	25.0	24.8	24.9	24.9	24.6	24.8
12	15.8	15.1	15.4	21.7	21.5	21.6	25.2	24.9	25.0	25.0	24.6	24.8
13	16.6	15.8	16.1	22.0	21.6	21.8	25.2	25.0	25.1	25.1	24.6	24.9
14	16.8	16.4	16.6	22.6	22.0	22.2	25.0	24.6	24.7	25.1	24.6	24.9
15	17.1	16.7	16.9	23.1	22.5	22.8	24.6	24.4	24.5	25.2	24.8	25.0
16	---	---	---	23.5	23.1	23.3	24.8	24.4	24.5	25.2	24.8	25.1
17	18.3	17.8	18.0	23.4	22.9	23.2	25.1	24.8	24.9	25.2	25.0	25.1
18	18.2	17.6	17.9	23.1	22.3	22.5	25.3	25.0	25.1	25.0	24.3	24.6
19	17.9	17.6	17.8	22.4	21.7	21.9	25.4	25.1	25.3	24.6	24.1	24.3
20	18.1	17.7	17.9	21.9	21.4	21.5	25.6	25.3	25.5	24.7	24.3	24.4
21	18.0	17.5	17.7	21.4	20.6	20.9	25.6	25.4	25.5	24.9	24.6	24.8
22	17.8	17.1	17.4	20.9	20.6	20.8	25.7	25.4	25.5	25.2	24.9	25.1
23	17.8	17.3	17.6	21.1	20.8	20.9	25.7	25.4	25.5	25.3	25.2	25.2
24	17.8	17.4	17.7	21.4	20.9	21.1	25.6	25.1	25.3	---	---	---
25	17.7	17.0	17.3	21.4	21.1	21.2	25.3	24.6	24.7	---	---	---
26	17.0	16.6	16.8	21.5	21.3	21.4	24.8	24.6	24.7	---	---	---
27	17.0	16.6	16.8	21.9	21.5	21.7	25.3	24.8	25.0	---	---	---
28	17.4	16.9	17.1	22.2	21.9	22.0	25.4	25.2	25.3	---	---	---
29	18.0	17.4	17.7	22.6	22.1	22.4	25.5	25.0	25.2	---	---	---
30	18.5	18.0	18.3	22.9	22.3	22.5	25.2	24.9	25.0	---	---	---
31	18.5	18.1	18.3	---	---	---	25.0	24.7	24.8	---	---	---
MONTH	---	---	---	23.5	17.8	21.1	25.7	22.8	24.9	---	---	---

Appendix 6. Daily maximum, minimum, and mean values of water temperature, top, in Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

WATER TEMPERATURE, IN DEGREES CELSIUS, TOP
SEPTEMBER TO DECEMBER 2005
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	21.6	21.2	21.3	---	---	---	11.9	11.5	11.8
2	---	---	---	21.3	20.5	20.7	---	---	---	11.5	10.3	11.0
3	---	---	---	21.0	20.6	20.7	12.3	11.9	12.1	10.3	9.5	9.8
4	---	---	---	21.3	21.0	21.1	12.3	11.8	12.1	10.1	9.5	9.8
5	---	---	---	21.4	21.3	21.3	12.7	12.1	12.4	10.3	10.0	10.1
6	---	---	---	21.6	21.4	21.6	13.3	12.6	12.9	10.3	9.4	10
7	---	---	---	22.0	21.6	21.8	13.8	13.2	13.5	9.4	8.4	8.9
8	22.9	22.7	22.8	22.7	21.9	22.2	13.7	13.2	13.5	8.4	7.9	8.1
9	22.9	22.2	22.4	22.7	22.5	22.6	14.0	13.4	13.7	8.3	7.9	8.1
10	22.5	22.2	22.3	22.6	22.4	22.4	14.3	13.9	14.1	7.9	7.5	7.6
11	22.5	22.2	22.3	22.4	22.3	22.3	14.0	12.9	13.5	7.5	7.3	7.4
12	22.4	22.2	22.3	22.3	21.6	22.0	12.9	12.3	12.5	7.4	7.2	7.3
13	22.7	22.4	22.5	21.6	20.7	21.1	12.4	11.9	12.2	7.3	6.7	7.1
14	23.5	22.7	23.0	20.7	20.2	20.4	12.8	12.2	12.5	6.7	6.3	6.5
15	23.5	23.4	23.4	20.2	19.7	19.9	13.3	12.6	13.0	7.2	6.3	6.5
16	23.4	23.2	23.3	19.8	19.0	19.4	13.9	13.2	13.5	7.6	7.2	7.5
17	23.8	23.3	23.4	19.0	18.1	18.5	13.9	13.1	13.7	7.6	7.2	7.4
18	24.3	23.8	24.0	18.1	17.5	17.6	13.1	12.0	12.6	7.6	7.5	7.5
19	24.3	24.0	24.2	17.7	17.5	17.6	12.0	11.0	11.5	7.5	6.9	7.2
20	24.2	23.5	23.8	17.9	17.6	17.8	11.3	10.8	11.0	6.9	6.1	6.5
21	24.3	23.8	24.0	18.3	17.9	18.0	12.1	11.3	11.6	6.1	5.4	5.7
22	23.8	23.3	23.4	---	---	---	12.2	12.0	12.1	5.4	4.7	5.0
23	23.4	22.9	23.0	---	---	---	12.0	10.9	11.4	4.7	4.4	4.5
24	23.0	22.8	22.9	---	---	---	10.9	10.6	10.8	4.6	4.2	4.5
25	23.0	22.8	22.9	---	---	---	10.7	9.6	10.2	5.7	4.6	5.1
26	23.0	22.4	22.5	---	---	---	9.6	8.9	9.2	6.2	5.7	6.0
27	22.9	22.5	22.8	---	---	---	9.2	8.6	8.9	6.1	5.8	6.0
28	22.8	21.8	22.1	---	---	---	10.1	9.2	9.6	6.1	5.6	5.9
29	22.0	21.4	21.6	---	---	---	11.3	10.1	10.7	6.8	6.0	6.5
30	21.9	21.6	21.7	---	---	---	12.0	11.3	11.7	6.8	6.5	6.7
31	---	---	---	---	---	---	---	---	---	6.8	6.3	6.5
MONTH	---	---	---	---	---	---	---	---	---	11.9	4.2	7.4

Appendix 6. Daily maximum, minimum, and mean values of water temperature, top, in Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

WATER TEMPERATURE, IN DEGREES CELSIUS, TOP
JANUARY TO MARCH 2006
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	JANUARY			FEBRUARY			MARCH		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.9	6.5	6.7	8.3	7.8	8.1	7.9	6.7	7.2
2	7.3	6.5	6.8	8.0	7.4	7.8	8.6	7.0	7.8
3	7.9	7.3	7.7	9.1	8.0	8.6	8.8	7.7	8.3
4	7.9	7.8	7.8	9.6	8.9	9.2	8.2	7.1	7.6
5	8.0	7.6	7.8	9.5	9.0	9.3	8.2	7.0	7.5
6	7.9	7.4	7.8	9.0	8.3	8.6	7.5	7.2	7.3
7	7.4	6.6	7.0	8.5	7.9	8.2	7.9	7.1	7.4
8	6.6	6.1	6.3	7.9	7.3	7.6	7.8	6.5	7.2
9	6.9	6.2	6.6	7.3	6.7	7.0	8.4	7.1	7.8
10	7.3	6.9	7.1	6.7	6.2	6.5	9.2	8.2	8.7
11	7.9	7.1	7.5	6.8	6.3	6.5	10.1	9.0	9.5
12	8.5	7.9	8.2	6.8	6.4	6.7	11.0	9.7	10.4
13	9.2	8.4	8.8	6.5	5.9	6.2	11.8	10.8	11.2
14	9.7	9.2	9.5	6.4	5.6	6.0	12.1	11.5	11.8
15	9.3	7.8	8.6	6.7	5.7	6.2	---	---	---
16	7.8	7.5	7.6	7.4	6.2	6.8	---	---	---
17	8.3	7.4	7.7	8.3	7.0	7.6	---	---	---
18	9.0	8.3	8.7	8.0	7.5	7.7	---	---	---
19	8.5	8.1	8.3	7.5	6.5	7.0	---	---	---
20	8.2	7.6	8.0	6.5	6.1	6.3	---	---	---
21	8.9	7.9	8.4	6.8	6.0	6.3	---	---	---
22	9.1	8.8	8.9	7.0	6.2	6.5	---	---	---
23	9.8	9.1	9.4	7.4	7.0	7.2	---	---	---
24	10.0	9.7	9.8	8.0	6.8	7.3	---	---	---
25	9.7	8.9	9.4	7.7	6.6	7.2	---	---	---
26	8.9	7.7	8.3	7.7	6.7	7.3	---	---	---
27	7.7	6.9	7.4	6.9	6.1	6.5	---	---	---
28	7.1	6.6	6.8	7.2	6.2	6.6	---	---	---
29	7.6	6.7	7.1	---	---	---	---	---	---
30	8.4	7.6	8.0	---	---	---	---	---	---
31	8.8	8.3	8.5	---	---	---	---	---	---
MONTH	10.0	6.1	8.0	9.6	5.6	7.2	---	---	---

Appendix 7. Daily maximum, minimum, and mean values of specific conductance, top, in Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004—March 2006.

[MAX, maximum; MIN, minimum; ---, no data]

SPECIFIC CONDUCTANCE, IN MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, TOP
FEBRUARY TO APRIL 2004
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	FEBRUARY			MARCH			APRIL		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	280	273	277	308	298	303
2	---	---	---	279	273	276	313	300	306
3	---	---	---	---	---	---	315	303	308
4	---	---	---	---	---	---	324	305	311
5	---	---	---	---	---	---	333	309	318
6	---	---	---	---	---	---	332	319	325
7	---	---	---	---	---	---	333	323	328
8	---	---	---	---	---	---	331	321	325
9	---	---	---	---	---	---	329	320	324
10	---	---	---	---	---	---	336	326	331
11	---	---	---	---	---	---	343	335	339
12	---	---	---	295	284	288	346	338	341
13	---	---	---	296	290	293	345	332	340
14	---	---	---	302	293	298	345	336	340
15	---	---	---	304	298	301	344	308	320
16	---	---	---	306	300	303	322	299	307
17	---	---	---	308	286	303	313	304	308
18	---	---	---	300	282	294	317	308	312
19	---	---	---	298	285	290	322	311	316
20	---	---	---	295	285	287	327	316	321
21	---	---	---	287	278	283	333	323	328
22	---	---	---	293	279	283	337	329	333
23	---	---	---	289	281	285	342	331	337
24	---	---	---	301	287	296	348	338	343
25	---	---	---	297	292	294	354	340	348
26	---	---	---	297	289	292	362	347	354
27	284	273	279	306	293	297	360	345	351
28	279	272	275	311	301	305	352	323	332
29	282	274	277	311	299	305	343	327	335
30	---	---	---	311	304	308	344	333	338
31	---	---	---	311	303	307	---	---	---
MONTH	---	---	---	---	---	---	362	298	327

Appendix 7. Daily maximum, minimum, and mean values of specific conductance, top, in Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

SPECIFIC CONDUCTANCE, IN MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, TOP
MAY TO AUGUST 2004
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	MAY			JUNE			JULY			AUGUST		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	356	339	345	351	336	342	---	---	---	332	284	319
2	358	344	350	355	339	347	---	---	---	321	284	309
3	351	285	319	364	351	357	---	---	---	310	286	299
4	328	250	277	367	358	362	---	---	---	292	279	285
5	288	270	277	362	346	353	---	---	---	283	269	278
6	288	279	284	359	347	353	---	---	---	282	262	275
7	290	282	287	355	337	346	---	---	---	300	274	292
8	289	285	287	353	335	345	---	---	---	310	291	301
9	293	285	289	343	324	336	354	337	347	313	303	308
10	293	286	290	347	328	341	362	353	357	316	309	312
11	290	281	286	361	339	347	369	360	364	316	310	313
12	284	275	281	353	322	340	380	367	371	316	309	313
13	283	274	280	326	309	315	404	378	383	360	296	331
14	283	275	279	311	304	308	409	397	403	379	334	356
15	282	273	277	312	305	309	412	404	407	347	314	337
16	287	273	278	315	308	312	430	404	416	316	244	275
17	289	265	277	319	312	316	434	412	425	246	216	233
18	289	265	278	321	314	318	430	417	422	218	201	211
19	299	279	289	325	316	320	439	423	429	201	186	194
20	305	290	298	327	319	323	438	425	432	194	188	190
21	316	298	306	328	320	324	441	429	436	207	193	198
22	327	309	316	331	322	326	450	437	445	211	195	207
23	371	316	336	342	329	333	451	445	449	205	196	201
24	371	325	340	351	336	343	450	362	393	212	200	208
25	342	320	334	367	349	355	543	343	406	221	211	217
26	332	318	326	366	354	363	539	465	501	221	217	219
27	333	320	327	367	357	362	468	422	443	221	217	219
28	332	321	328	---	---	---	430	371	397	270	220	233
29	335	320	328	---	---	---	387	344	361	260	242	251
30	332	322	327	---	---	---	365	347	357	244	233	237
31	341	326	332	---	---	---	354	330	340	234	224	228
MONTH	371	250	304	---	---	---	---	---	---	379	186	263

Appendix 7. Daily maximum, minimum, and mean values of specific conductance, top, in Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

SPECIFIC CONDUCTANCE, IN MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, TOP
SEPTEMBER TO DECEMBER 2004
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	227	220	222	315	302	308	430	425	427	457	409	428
2	226	219	222	319	306	312	430	425	427	415	391	402
3	223	217	220	320	304	314	428	416	421	394	386	390
4	221	216	218	341	311	323	419	413	417	414	390	403
5	224	219	221	336	319	326	429	414	419	403	391	395
6	229	223	226	335	322	329	449	427	442	395	390	392
7	236	228	230	351	335	345	455	443	450	390	379	386
8	241	233	235	357	346	352	461	450	455	383	376	379
9	287	240	263	357	348	353	471	455	462	391	380	387
10	287	269	274	358	347	353	478	463	469	391	378	385
11	274	268	271	367	356	360	486	471	477	379	355	365
12	276	263	268	380	366	375	492	478	483	358	351	354
13	279	265	271	380	372	377	499	471	491	357	350	354
14	278	267	271	378	372	376	484	462	478	354	345	350
15	304	264	275	378	365	372	486	477	481	357	346	351
16	301	276	294	388	375	381	486	479	482	359	353	356
17	294	263	275	394	384	390	486	476	481	362	356	358
18	263	253	258	400	390	395	486	479	482	360	354	357
19	272	260	264	400	390	395	488	479	483	364	356	360
20	287	271	278	399	390	393	484	476	480	378	362	372
21	302	286	294	392	382	388	481	475	478	383	375	378
22	309	297	302	390	373	383	480	469	474	379	371	375
23	315	306	311	405	373	391	473	467	469	374	370	372
24	316	304	310	416	403	409	477	467	470	383	371	379
25	315	309	313	424	412	418	475	464	470	383	373	379
26	326	308	315	426	417	420	475	449	456	374	369	372
27	330	318	324	425	418	421	481	466	474	373	361	367
28	330	312	321	429	420	424	530	479	508	366	354	360
29	313	302	307	433	422	428	527	489	506	357	351	354
30	312	302	307	431	422	427	495	445	474	355	346	350
31	---	---	---	432	425	429	---	---	---	352	345	348
MONTH	330	216	272	433	302	376	530	413	466	457	345	373

Appendix 7. Daily maximum, minimum, and mean values of specific conductance, top, in Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

SPECIFIC CONDUCTANCE, IN MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, TOP
JANUARY TO APRIL 2005
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	JANUARY			FEBRUARY			MARCH			APRIL		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	354	344	348	361	351	356	361	349	356	262	254	257
2	353	344	348	354	345	349	360	343	352	265	247	257
3	352	341	346	347	340	344	353	341	348	261	241	250
4	351	343	346	344	340	342	353	343	348	248	233	241
5	353	346	348	349	342	345	353	339	347	242	233	238
6	351	345	348	354	345	349	351	339	345	245	234	239
7	354	345	348	352	346	350	354	341	346	242	234	237
8	358	347	352	352	345	349	354	343	348	242	232	236
9	368	346	354	352	346	348	359	350	354	243	232	238
10	367	353	359	351	345	348	370	357	364	248	238	243
11	370	357	364	356	345	352	371	354	363	249	238	243
12	371	358	364	361	353	356	367	353	359	249	239	244
13	365	358	362	364	358	361	367	351	357	247	238	242
14	364	344	356	363	353	359	363	351	357	243	233	238
15	360	350	355	358	350	353	362	347	355	246	238	241
16	351	347	349	356	346	350	361	352	357	250	241	246
17	352	347	349	357	347	351	356	342	352	254	244	248
18	358	349	352	368	351	358	345	335	340	257	243	248
19	362	356	359	371	360	366	340	328	333	250	241	245
20	361	353	357	376	363	368	329	317	324	244	235	240
21	367	359	362	369	362	366	319	313	316	240	232	235
22	367	364	366	373	365	369	320	311	315	237	231	233
23	369	362	366	380	370	374	317	312	314	237	230	233
24	376	365	370	387	370	378	315	311	313	245	231	238
25	378	370	375	385	371	378	317	308	313	251	242	247
26	379	374	376	381	371	376	315	307	310	258	247	251
27	378	370	374	384	365	373	314	307	311	255	246	250
28	377	371	375	372	355	363	310	296	306	260	248	252
29	377	369	374	---	---	---	300	275	289	254	246	249
30	374	366	370	---	---	---	286	267	275	255	245	249
31	368	358	363	---	---	---	270	258	262	---	---	---
MONTH	379	341	359	387	340	358	371	258	333	265	230	244

Appendix 7. Daily maximum, minimum, and mean values of specific conductance, top, in Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004—March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

SPECIFIC CONDUCTANCE, IN MICROSIEMENS PER CENTIMETER AT 25 DEGREES
CELSIUS, TOP
JANUARY TO MARCH 2006
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	JANUARY			FEBRUARY			MARCH		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	404	396	400	517	501	510
2	---	---	---	400	391	396	503	493	496
3	---	---	---	393	369	388	514	491	502
4	---	---	---	381	371	374	501	492	497
5	---	---	---	379	370	375	508	492	500
6	---	---	---	375	364	370	511	498	506
7	---	---	---	380	367	375	503	496	500
8	---	---	---	391	380	386	517	501	508
9	---	---	---	399	388	394	540	517	529
10	---	---	---	402	394	398	563	539	554
11	338	319	328	409	400	405	560	538	547
12	337	324	331	417	407	412	559	543	552
13	340	335	337	428	415	422	568	554	559
14	342	336	339	435	425	429	582	566	576
15	340	325	333	437	430	434	---	---	---
16	361	339	350	446	436	442	---	---	---
17	367	359	364	459	443	451	---	---	---
18	368	361	365	464	456	459	---	---	---
19	371	363	366	477	460	467	---	---	---
20	378	369	374	486	473	478	---	---	---
21	382	375	378	500	484	492	---	---	---
22	382	376	379	513	499	507	---	---	---
23	385	378	381	519	504	512	---	---	---
24	382	371	376	512	498	506	---	---	---
25	377	370	373	506	499	502	---	---	---
26	385	376	380	524	500	511	---	---	---
27	392	382	388	522	504	515	---	---	---
28	396	389	393	521	503	512	---	---	---
29	407	396	401	---	---	---	---	---	---
30	409	405	407	---	---	---	---	---	---
31	410	380	405	---	---	---	---	---	---
MONTH	---	---	---	524	364	440	---	---	---

Appendix 8. Daily maximum, minimum, and mean values of water temperature, bottom, in Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004—March 2006.

[MAX, maximum; MIN, minimum; ---, no data]

WATER TEMPERATURE, IN DEGREES CELSIUS, BOTTOM
 FEBRUARY TO APRIL 2004
 DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	FEBRUARY			MARCH			APRIL		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	6.0	5.9	6.0	9.6	9.5	9.6
2	---	---	---	6.2	6.0	6.1	9.7	9.6	9.7
3	---	---	---	6.4	6.2	6.3	9.8	9.7	9.8
4	---	---	---	6.6	6.4	6.5	9.9	9.8	9.9
5	---	---	---	6.8	6.6	6.7	10.0	9.9	9.9
6	---	---	---	7.0	6.8	6.9	10.0	9.9	10
7	---	---	---	7.2	7.0	7.1	9.9	9.9	9.9
8	---	---	---	7.4	7.2	7.3	10.0	9.9	10
9	---	---	---	7.6	7.4	7.5	10.0	10.0	10.0
10	---	---	---	7.8	7.6	7.7	10.1	10.0	10.1
11	---	---	---	7.9	7.8	7.9	10.2	10.1	10.1
12	---	---	---	8.1	7.9	8.0	10.2	10.2	10.2
13	---	---	---	8.2	8.1	8.2	10.3	10.2	10.3
14	---	---	---	8.3	8.2	8.2	10.4	10.3	10.3
15	---	---	---	8.3	8.2	8.2	10.4	10.4	10.4
16	---	---	---	8.4	8.3	8.3	10.5	10.4	10.5
17	---	---	---	8.5	8.4	8.4	10.6	10.5	10.6
18	---	---	---	8.8	8.5	8.6	10.9	10.6	10.6
19	---	---	---	8.8	8.6	8.7	10.9	10.8	10.9
20	---	---	---	9.0	8.8	8.9	10.9	10.9	10.9
21	---	---	---	9.1	9.0	9.0	11.0	10.9	11.0
22	---	---	---	9.2	9.1	9.2	11.1	11.0	11.1
23	---	---	---	9.3	9.1	9.2	11.2	11.1	11.2
24	---	---	---	9.1	8.7	8.9	11.3	11.2	11.3
25	---	---	---	8.8	8.7	8.8	11.4	11.3	11.3
26	---	---	---	8.9	8.8	8.9	11.5	11.4	11.4
27	6.3	6.3	6.3	9.0	8.9	9.0	11.6	11.5	11.5
28	6.3	6.0	6.2	9.2	9.0	9.1	11.7	11.6	11.6
29	6.1	5.8	6.0	9.3	9.2	9.2	11.8	11.7	11.7
30	---	---	---	9.4	9.3	9.4	11.9	11.8	11.8
31	---	---	---	9.5	9.4	9.5	---	---	---
MONTH	---	---	---	9.5	5.9	8.1	11.9	9.5	10.6

Appendix 8. Daily maximum, minimum, and mean values of water temperature, bottom, in Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

WATER TEMPERATURE, IN DEGREES CELSIUS, BOTTOM
MAY TO AUGUST 2004
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	MAY			JUNE			JULY			AUGUST		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	12.0	11.9	11.9	17.3	17.1	17.2	19.6	19.4	19.5	20.9	20.8	20.8
2	12.1	12.0	12.1	17.4	17.2	17.3	19.6	19.5	19.6	20.9	20.8	20.8
3	12.5	12.1	12.3	17.5	17.4	17.4	19.7	19.6	19.7	20.9	20.8	20.8
4	12.7	12.5	12.6	17.6	17.4	17.5	19.8	19.7	19.8	20.9	20.9	20.9
5	12.8	12.7	12.7	17.7	17.5	17.6	19.8	19.8	19.8	21.0	20.9	20.9
6	12.9	12.8	12.8	17.8	17.7	17.7	19.9	19.7	19.9	20.9	20.9	20.9
7	13.0	12.9	12.9	17.9	17.8	17.8	19.9	19.9	19.9	21.1	20.9	20.9
8	13.2	13.0	13.1	17.9	17.8	17.9	20.0	19.9	19.9	21.0	20.9	20.9
9	13.3	13.2	13.2	17.9	17.8	17.9	20.0	19.8	20.0	20.9	20.8	20.9
10	13.5	13.3	13.4	17.9	17.8	17.9	20.1	20.0	20.0	20.8	20.7	20.8
11	13.6	13.5	13.5	18.0	17.8	17.9	20.1	20.0	20.1	20.7	20.6	20.7
12	13.7	13.6	13.6	17.9	17.8	17.9	20.2	20.1	20.1	20.6	20.6	20.6
13	13.8	13.7	13.8	17.9	17.9	17.9	20.3	20.2	20.2	20.6	20.5	20.6
14	13.9	13.8	13.8	18.0	17.9	17.9	20.4	20.3	20.4	20.5	20.4	20.5
15	14.0	13.9	13.9	18.0	17.9	18.0	20.4	20.4	20.4	20.5	20.4	20.4
16	14.1	14.0	14.0	18.0	18.0	18.0	20.5	20.4	20.4	20.5	20.5	20.5
17	14.2	14.1	14.1	18.1	18.0	18.0	20.5	20.4	20.4	20.5	20.5	20.5
18	14.4	14.2	14.3	18.1	18.1	18.1	20.5	20.4	20.5	20.5	20.5	20.5
19	14.6	14.4	14.5	18.2	18.1	18.1	20.5	20.4	20.5	20.5	20.4	20.5
20	14.9	14.6	14.8	18.3	18.1	18.2	20.6	20.5	20.5	20.4	20.3	20.4
21	15.2	14.9	15.1	18.2	18.2	18.2	20.5	20.4	20.5	20.5	20.3	20.3
22	16.1	15.2	15.5	18.3	18.2	18.2	20.6	20.5	20.5	20.4	20.4	20.4
23	16.4	16.0	16.3	18.5	18.3	18.3	20.6	20.5	20.6	20.4	20.4	20.4
24	16.5	16.4	16.4	18.7	18.4	18.5	20.7	20.5	20.6	20.4	20.4	20.4
25	16.5	16.4	16.4	18.9	18.6	18.7	20.7	20.5	20.6	20.5	20.4	20.5
26	16.6	16.5	16.5	19.1	18.8	19.0	20.6	20.5	20.6	20.5	20.5	20.5
27	16.8	16.6	16.7	19.3	19.0	19.2	20.7	20.6	20.7	20.5	20.5	20.5
28	16.9	16.7	16.8	19.3	19.0	19.1	20.8	20.6	20.7	20.6	20.5	20.5
29	17.0	16.8	16.9	19.3	19.1	19.2	20.8	20.7	20.8	20.7	20.6	20.6
30	17.0	16.9	17.0	19.5	19.3	19.4	20.8	20.8	20.8	20.8	20.7	20.7
31	17.2	17.0	17.1	---	---	---	20.8	20.8	20.8	20.9	20.8	20.8
MONTH	17.2	11.9	14.5	19.5	17.1	18.1	20.8	19.4	20.3	21.1	20.3	20.6

Appendix 8. Daily maximum, minimum, and mean values of water temperature, bottom, in Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

WATER TEMPERATURE, IN DEGREES CELSIUS, BOTTOM
SEPTEMBER TO DECEMBER 2004
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	20.9	20.9	20.9	19.3	19.3	19.3	14.6	14.6	14.6	10.3	10.2	10.2
2	21.2	20.9	20.9	19.3	19.3	19.3	14.7	14.6	14.7	10.3	9.8	10
3	21.1	21.0	21.0	19.3	19.3	19.3	14.8	14.7	14.8	10.0	9.6	9.8
4	21.0	21.0	21.0	19.3	19.3	19.3	14.9	14.8	14.8	9.6	9.0	9.2
5	21.1	21.0	21.0	19.3	19.3	19.3	14.9	14.9	14.9	9.0	8.6	8.7
6	21.1	21.0	21.1	19.3	19.3	19.3	14.9	14.6	14.8	8.7	8.5	8.6
7	21.1	21.0	21.1	19.3	18.9	19.1	14.7	14.2	14.4	8.8	8.6	8.7
8	21.1	21.1	21.1	18.9	18.4	18.7	14.2	14.0	14.1	9.0	8.8	8.9
9	21.1	21.1	21.1	18.4	18.2	18.3	14.0	13.5	13.7	9.2	9.0	9.1
10	21.2	21.1	21.2	18.2	18.0	18.1	13.5	12.6	13.0	9.4	9.2	9.3
11	21.3	21.2	21.3	18.1	17.9	18.0	12.6	11.8	12.1	9.7	9.4	9.6
12	21.4	21.3	21.3	17.9	17.4	17.7	11.9	11.8	11.8	9.9	9.7	9.8
13	21.4	21.3	21.3	17.4	17.1	17.3	11.9	11.7	11.8	9.9	9.9	9.9
14	21.3	21.2	21.3	17.1	17.1	17.1	12.0	11.4	11.7	9.9	9.2	9.6
15	21.2	21.1	21.2	17.1	17.0	17.0	11.4	10.6	10.9	9.3	8.1	8.7
16	21.2	21.1	21.1	17.1	16.7	16.9	10.6	10.0	10.2	8.1	7.3	7.7
17	21.1	21.1	21.1	16.7	16.4	16.6	10.1	9.6	9.8	7.3	6.9	7.0
18	21.1	21.1	21.1	16.5	15.9	16.1	9.7	9.4	9.6	7.0	6.8	6.9
19	21.1	21.0	21.1	16.0	15.8	15.9	9.7	9.4	9.6	7.0	6.7	6.8
20	21.0	20.8	20.9	16.0	15.9	15.9	9.9	9.7	9.8	6.8	4.6	5.9
21	20.8	20.3	20.6	16.0	15.9	15.9	10.0	9.9	9.9	4.9	4.4	4.8
22	20.3	20.0	20.2	16.0	15.9	16.0	10.2	10.0	10.1	5.0	4.5	4.7
23	20.0	19.8	19.9	16.0	16.0	16.0	10.3	10.2	10.2	5.7	4.9	5.1
24	19.8	19.6	19.7	16.0	15.7	15.9	10.5	10.3	10.4	6.0	5.7	5.8
25	19.6	19.5	19.6	15.8	15.3	15.6	10.7	10.5	10.6	5.8	5.5	5.6
26	19.6	19.5	19.5	15.4	15.2	15.3	10.8	10.7	10.8	5.6	5.1	5.4
27	19.5	19.4	19.4	15.2	14.8	15.0	10.8	10.1	10.5	5.1	4.2	4.7
28	19.4	19.4	19.4	14.9	14.8	14.8	10.7	10.1	10.4	4.2	3.9	4.1
29	19.4	19.4	19.4	14.8	14.6	14.7	10.7	10.5	10.6	4.2	3.7	4.0
30	19.4	19.3	19.4	14.6	14.5	14.6	10.5	10.1	10.2	4.5	4.0	4.2
31	---	---	---	14.6	14.6	14.6	---	---	---	4.9	4.2	4.5
MONTH	21.4	19.3	20.6	19.3	14.5	17.0	14.9	9.4	11.8	10.3	3.7	7.3

Appendix 8. Daily maximum, minimum, and mean values of water temperature, bottom, in Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

WATER TEMPERATURE, IN DEGREES CELSIUS, BOTTOM
JANUARY TO APRIL 2005
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	JANUARY			FEBRUARY			MARCH			APRIL		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5.3	4.7	4.9	4.2	3.8	4.0	6.9	6.6	6.7	11.4	10.8	11.1
2	5.6	5.1	5.3	4.2	3.8	4.0	6.7	6.1	6.3	12.0	11.3	11.6
3	6.1	5.6	5.8	4.4	3.9	4.1	6.2	5.6	5.8	12.2	11.6	12.0
4	6.7	6.1	6.4	4.5	4.1	4.3	5.7	5.2	5.4	12.3	12.1	12.2
5	7.2	6.7	7.0	4.6	4.1	4.4	6.0	5.5	5.7	12.4	12.1	12.3
6	7.6	7.2	7.4	4.8	4.1	4.4	6.1	5.6	5.8	12.5	12.2	12.3
7	8.0	7.6	7.8	5.0	4.5	4.7	6.4	5.9	6.1	12.8	12.5	12.6
8	8.3	8.0	8.2	5.3	4.8	5.0	7.0	6.4	6.7	13.3	12.8	13.1
9	8.7	8.3	8.6	5.7	5.3	5.4	6.7	6.1	6.4	13.6	13.3	13.5
10	8.7	8.5	8.6	6.3	5.7	6.0	6.7	6.2	6.4	13.4	12.7	12.9
11	8.7	8.2	8.4	6.3	5.6	5.8	6.8	6.4	6.5	13.0	12.2	12.5
12	8.6	8.3	8.4	5.6	5.0	5.2	7.0	6.6	6.8	12.6	12.1	12.3
13	8.8	8.6	8.7	5.5	4.9	5.2	7.2	6.9	7.0	12.1	11.6	11.8
14	9.3	8.8	9.0	5.9	5.5	5.7	7.4	7.1	7.3	11.6	11.2	11.3
15	9.3	9.0	9.2	6.4	5.9	6.2	7.1	6.6	6.8	11.5	10.7	11.1
16	9.0	8.6	8.8	6.8	6.4	6.6	7.1	6.6	6.8	10.7	10.2	10.4
17	8.6	7.1	8.1	7.1	6.8	6.9	6.6	6.2	6.4	10.5	9.9	10.1
18	7.1	5.2	6.1	7.1	6.4	6.7	6.6	6.1	6.3	10.2	9.9	10.1
19	5.2	4.6	4.8	6.4	5.8	6.0	6.6	6.2	6.4	10.7	10.2	10.4
20	4.8	4.3	4.5	6.0	5.5	5.7	7.0	6.6	6.8	11.2	10.7	11.0
21	4.7	4.3	4.5	6.4	5.9	6.1	7.4	7.0	7.2	11.9	11.2	11.6
22	4.6	4.0	4.2	6.9	6.4	6.6	7.6	7.4	7.5	12.5	11.9	12.2
23	4.6	3.6	4.1	7.0	6.7	6.8	8.3	7.6	7.9	13.1	12.5	12.8
24	3.6	3.3	3.5	7.0	6.8	6.9	8.8	8.3	8.5	13.5	13.0	13.2
25	3.6	3.4	3.5	6.9	6.6	6.8	8.9	8.6	8.7	13.6	12.9	13.1
26	3.9	3.3	3.5	6.6	6.1	6.3	9.2	8.9	9.0	13.3	13.0	13.1
27	3.8	3.5	3.7	6.4	5.8	6.0	9.4	9.2	9.3	13.4	13.2	13.3
28	3.5	3.3	3.4	6.7	6.2	6.4	9.6	9.4	9.5	13.5	13.1	13.3
29	3.5	3.2	3.4	---	---	---	10.0	9.6	9.8	13.7	13.4	13.6
30	3.8	3.4	3.6	---	---	---	10.5	10.0	10.3	14.2	13.7	13.9
31	4.1	3.6	3.8	---	---	---	11.0	10.5	10.6	---	---	---
MONTH	9.3	3.2	6.0	7.1	3.8	5.7	11.0	5.2	7.3	14.2	9.9	12.2

Appendix 8. Daily maximum, minimum, and mean values of water temperature, bottom, in Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

WATER TEMPERATURE, IN DEGREES CELSIUS, BOTTOM
MAY TO AUGUST 2005
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	MAY			JUNE			JULY			AUGUST		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	14.3	13.9	14.1	17.1	16.7	16.9	22.8	21.9	22.2	---	---	---
2	14.7	14.2	14.4	17.5	17.0	17.3	23.3	22.6	23.0	---	---	---
3	14.9	14.6	14.8	17.5	17.3	17.5	23.6	23.0	23.2	23.4	23.2	23.3
4	15.0	14.4	14.6	17.4	17.3	17.4	23.7	23.4	23.6	23.6	23.3	23.4
5	14.7	14.3	14.5	17.5	17.3	17.4	23.7	23.5	23.7	23.8	23.5	23.6
6	14.6	13.5	14.1	17.7	17.5	17.5	23.8	23.6	23.7	24.0	23.6	23.8
7	13.5	12.2	12.6	17.8	17.6	17.7	24.0	23.6	23.9	24.2	23.7	24.0
8	12.6	12.3	12.4	18.0	17.8	17.9	24.3	23.8	24.1	24.2	24.0	24.1
9	13.1	12.6	12.8	18.4	17.9	18.1	24.3	23.8	24.1	24.2	24.0	24.1
10	13.6	13.1	13.4	18.8	18.3	18.4	24.3	24.1	24.2	24.2	24.1	24.2
11	14.3	13.6	13.9	19.6	18.8	19.1	24.3	24.2	24.2	24.4	24.2	24.3
12	15.0	14.2	14.6	20.1	19.6	19.9	24.3	24.2	24.3	24.4	24.2	24.3
13	15.4	14.8	15.1	20.4	20.0	20.2	24.5	24.2	24.4	24.4	24.2	24.3
14	16.0	15.4	15.7	20.6	20.4	20.5	24.4	24.0	24.2	24.4	24.2	24.3
15	16.6	15.8	16.1	20.8	20.6	20.7	24.0	23.8	23.9	24.4	24.2	24.3
16	---	---	---	20.7	20.4	20.5	24.1	23.9	23.9	24.6	24.3	24.4
17	17.1	16.6	16.9	20.8	20.3	20.5	24.3	24.0	24.2	24.5	24.4	24.4
18	17.7	17.1	17.4	21.2	20.8	21.1	24.4	24.3	24.3	24.4	23.9	24.0
19	17.5	17.2	17.4	21.4	20.9	21.1	24.5	24.3	24.4	24.0	23.6	23.7
20	17.6	17.3	17.4	21.1	20.7	20.9	24.5	24.3	24.5	23.8	23.6	23.7
21	17.6	17.0	17.2	20.8	20.3	20.5	24.6	24.3	24.4	23.7	23.5	23.6
22	17.4	16.8	17.0	20.4	20.0	20.2	24.4	24.2	24.3	23.5	23.3	23.4
23	17.2	17.0	17.1	20.0	19.9	20.0	24.3	24.1	24.2	23.4	23.2	23.3
24	17.3	17.0	17.1	20.0	19.9	20.0	24.4	24.1	24.2	---	---	---
25	17.2	16.7	16.9	20.0	19.9	19.9	24.5	23.9	24.1	---	---	---
26	16.7	16.2	16.4	20.1	19.8	20.0	24.0	23.7	23.9	---	---	---
27	16.4	16.3	16.4	20.3	20.0	20.2	23.7	23.6	23.7	---	---	---
28	16.5	16.3	16.4	20.8	20.3	20.5	23.7	23.4	23.5	---	---	---
29	16.5	16.4	16.4	22.2	20.6	21.8	23.6	23.4	23.4	---	---	---
30	16.7	16.4	16.5	22.2	21.9	22.0	23.6	23.5	23.6	---	---	---
31	16.8	16.5	16.6	---	---	---	23.7	23.5	23.6	---	---	---
MONTH	---	---	---	22.2	16.7	19.5	24.6	21.9	23.9	---	---	---

Appendix 8. Daily maximum, minimum, and mean values of water temperature, bottom, in Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

WATER TEMPERATURE, IN DEGREES CELSIUS, BOTTOM
SEPTEMBER TO DECEMBER 2005
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	21.1	20.7	20.8	---	---	---	11.4	11.0	11.3
2	---	---	---	20.7	20.0	20.2	---	---	---	11.0	9.8	10.5
3	---	---	---	20.1	20.0	20.0	11.8	11.4	11.6	9.8	9.0	9.3
4	---	---	---	20.1	20.0	20.1	11.8	11.3	11.6	9.6	9.0	9.3
5	---	---	---	20.1	20.1	20.1	12.2	11.6	11.9	9.8	9.6	9.7
6	---	---	---	20.2	20.1	20.1	12.8	12.1	12.4	9.8	9.0	9.5
7	---	---	---	20.2	20.2	20.2	13.3	12.7	13.0	9.0	7.9	8.4
8	22.2	22.0	22.1	20.2	20.2	20.2	13.2	12.7	13.0	7.9	7.5	7.6
9	22.1	21.7	21.8	20.8	20.2	20.5	13.5	12.9	13.2	7.8	7.4	7.6
10	21.7	21.6	21.6	21.4	20.7	21.1	13.8	13.4	13.6	7.4	7.0	7.1
11	21.6	21.5	21.6	21.6	21.0	21.1	13.5	12.4	13.0	7.0	6.8	6.9
12	21.6	21.5	21.6	21.0	20.9	20.9	12.4	11.8	12.1	6.9	6.7	6.8
13	21.6	21.5	21.5	20.9	20.2	20.5	11.9	11.4	11.7	6.8	6.2	6.6
14	21.5	21.4	21.5	20.2	19.7	19.8	12.3	11.7	12.0	6.2	5.9	6.0
15	21.7	21.4	21.6	19.7	19.2	19.3	12.8	12.2	12.5	6.7	5.8	6.1
16	22.1	21.7	21.9	19.3	18.5	18.9	13.4	12.8	13.0	7.2	6.7	7.0
17	21.9	21.8	21.9	18.5	17.6	18.0	13.4	12.7	13.2	7.1	6.8	7.0
18	22.5	21.8	22.0	17.6	17.0	17.1	12.7	11.5	12.1	7.1	7.0	7.1
19	22.7	22.2	22.5	17.1	16.9	17.0	11.5	10.6	11.0	7.0	6.4	6.8
20	22.7	22.6	22.6	17.3	17.1	17.2	10.8	10.3	10.5	6.4	5.6	6.0
21	22.8	22.6	22.7	17.6	17.3	17.4	11.6	10.8	11.1	5.6	4.9	5.3
22	22.6	22.4	22.5	---	---	---	11.7	11.5	11.6	4.9	4.3	4.6
23	22.4	22.2	22.3	---	---	---	11.5	10.4	10.9	4.3	3.9	4.1
24	22.2	22.0	22.1	---	---	---	10.4	10.1	10.3	4.2	3.8	4.0
25	22.0	21.8	21.8	---	---	---	10.2	9.1	9.7	5.2	4.1	4.6
26	21.8	21.7	21.7	---	---	---	9.1	8.5	8.8	5.8	5.2	5.5
27	21.7	21.6	21.6	---	---	---	8.8	8.2	8.5	5.7	5.4	5.5
28	21.6	21.3	21.5	---	---	---	9.6	8.7	9.1	5.6	5.1	5.4
29	21.3	20.9	21.1	---	---	---	10.8	9.6	10.1	6.3	5.6	6.0
30	21.1	20.9	21.1	---	---	---	11.5	10.8	11.2	6.3	6.1	6.2
31	---	---	---	---	---	---	---	---	---	6.3	5.8	6.1
MONTH	---	---	---	---	---	---	---	---	---	11.4	3.8	6.9

Appendix 8. Daily maximum, minimum, and mean values of water temperature, bottom, in Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004—March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

WATER TEMPERATURE, IN DEGREES CELSIUS, BOTTOM
JANUARY TO MARCH 2006
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	JANUARY			FEBRUARY			MARCH		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.4	6.1	6.3	8.0	7.4	7.7	7.2	6.5	6.7
2	6.8	6.1	6.4	7.6	7.0	7.4	7.9	6.7	7.2
3	7.5	6.8	7.2	8.4	7.6	8.0	8.0	7.7	7.8
4	7.5	7.3	7.4	9.1	8.4	8.7	7.7	6.9	7.3
5	7.5	7.2	7.3	9.1	8.6	8.9	7.4	6.8	7.1
6	7.4	7.0	7.3	8.6	7.9	8.2	7.2	6.9	7.1
7	7.0	6.1	6.5	8.0	7.5	7.8	7.4	6.8	7.0
8	6.1	5.7	5.9	7.5	6.9	7.2	7.3	6.2	6.8
9	6.4	5.8	6.1	6.9	6.4	6.7	8.0	6.7	7.3
10	6.9	6.4	6.6	6.4	5.8	6.1	8.4	7.8	8.0
11	7.5	6.7	7.1	6.4	6.0	6.1	9.5	8.2	8.8
12	8.1	7.5	7.8	6.5	6.1	6.4	10.4	9.3	9.7
13	8.8	8.0	8.3	6.2	5.5	5.9	11.2	10.2	10.6
14	9.3	8.8	9.1	6.0	5.3	5.6	11.2	10.8	11.1
15	8.9	7.4	8.2	6.2	5.4	5.8	---	---	---
16	7.4	7.1	7.3	6.9	5.9	6.4	---	---	---
17	7.9	7.0	7.3	7.8	6.6	7.2	---	---	---
18	8.6	7.9	8.3	7.6	7.2	7.3	---	---	---
19	8.1	7.7	7.9	7.2	6.3	6.7	---	---	---
20	7.8	7.3	7.6	6.3	5.9	6.0	---	---	---
21	8.5	7.6	8.0	6.4	5.6	6.0	---	---	---
22	8.7	8.4	8.6	6.6	5.8	6.2	---	---	---
23	9.4	8.7	9.0	7.0	6.6	6.8	---	---	---
24	9.6	9.3	9.4	7.4	6.6	6.9	---	---	---
25	9.4	8.5	9.1	7.3	6.3	6.9	---	---	---
26	8.5	7.4	8.0	7.3	6.4	7.0	---	---	---
27	7.4	6.6	7.0	6.4	5.8	6.1	---	---	---
28	6.7	6.2	6.5	6.6	6.0	6.3	---	---	---
29	7.3	6.3	6.7	---	---	---	---	---	---
30	8.0	7.3	7.6	---	---	---	---	---	---
31	8.2	7.9	8.1	---	---	---	---	---	---
MONTH	9.6	5.7	7.5	9.1	5.3	6.9	---	---	---

Appendix 9. Daily maximum, minimum, and mean values of specific conductance, bottom, in Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004—March 2006.

[MAX, maximum; MIN, minimum; ---, no data]

SPECIFIC CONDUCTANCE, IN MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, BOTTOM
FEBRUARY TO APRIL 2004
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	FEBRUARY			MARCH			APRIL		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	1440	1390	1420	1880	1820	1840
2	---	---	---	1430	1370	1410	1870	1830	1850
3	---	---	---	1410	1340	1380	1870	1780	1850
4	---	---	---	1360	1320	1340	1870	1690	1820
5	---	---	---	1340	1310	1320	1850	1700	1800
6	---	---	---	1370	1280	1340	1860	1740	1830
7	---	---	---	1400	1320	1370	1850	1800	1830
8	---	---	---	1430	1340	1400	1840	1770	1820
9	---	---	---	1450	1390	1420	1850	1800	1820
10	---	---	---	1500	1420	1450	1840	1780	1820
11	---	---	---	1490	1400	1450	1840	1790	1820
12	---	---	---	1480	1430	1460	1840	1780	1820
13	---	---	---	1510	1460	1480	1830	1720	1780
14	---	---	---	1500	1460	1480	1790	1720	1750
15	---	---	---	1500	1450	1480	1770	1620	1700
16	---	---	---	1730	1460	1540	1730	1680	1710
17	---	---	---	1720	1700	1710	1750	1710	1730
18	---	---	---	1720	1640	1680	1740	1630	1720
19	---	---	---	1730	1620	1690	1780	1690	1740
20	---	---	---	1760	1680	1730	1780	1750	1760
21	---	---	---	1780	1700	1750	1780	1730	1760
22	---	---	---	1790	1710	1770	1790	1680	1750
23	---	---	---	1790	1720	1760	1770	1690	1730
24	---	---	---	1840	1730	1790	1720	1690	1700
25	---	---	---	1810	1730	1770	1720	1690	1710
26	---	---	---	1780	1720	1760	1730	1690	1710
27	1550	1410	1500	1790	1760	1780	1730	1680	1710
28	1470	1390	1430	1830	1750	1800	1780	1680	1730
29	1440	1380	1410	1850	1790	1820	1770	1700	1720
30	---	---	---	1860	1810	1840	1750	1700	1730
31	---	---	---	1860	1790	1830	---	---	---
MONTH	---	---	---	1860	1280	1590	1880	1620	1770

Appendix 9. Daily maximum, minimum, and mean values of specific conductance, bottom, in Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

SPECIFIC CONDUCTANCE, IN MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, BOTTOM
SEPTEMBER TO DECEMBER 2004
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	2800	2750	2770	1960	1900	1940	1500	1480	1490	999	880	948
2	2800	2620	2770	1960	1910	1930	1520	1470	1500	1030	833	910
3	2710	2620	2680	1960	1900	1930	1530	1480	1510	982	894	944
4	2670	2580	2630	1970	1910	1930	1570	1440	1520	968	812	880
5	2650	2590	2610	1970	1910	1940	1530	1420	1500	900	826	866
6	2630	2540	2590	1970	1920	1940	1530	1440	1480	924	860	894
7	2610	2540	2580	1970	1850	1910	1480	1380	1420	931	878	901
8	2660	2530	2600	1920	1800	1860	1430	1330	1390	963	915	941
9	2780	2520	2650	1850	1780	1820	1390	1310	1350	979	930	955
10	2790	2700	2750	1850	1800	1830	1330	1170	1260	1060	900	959
11	2740	2660	2700	1850	1810	1830	1300	1050	1160	1040	960	1020
12	2740	2660	2710	1840	1700	1770	1150	1080	1110	1050	1020	1030
13	2750	2670	2710	1760	1670	1710	1140	967	1080	1070	1010	1040
14	2700	2640	2670	1730	1670	1700	1160	984	1060	1070	1020	1040
15	2670	2530	2640	1750	1690	1710	1040	905	964	1050	939	1000
16	2640	2560	2600	1740	1580	1690	965	871	909	971	790	889
17	2600	2460	2540	1720	1560	1660	940	857	893	853	736	791
18	2500	2450	2470	1680	1560	1610	940	869	905	808	719	763
19	2490	2280	2410	1640	1540	1600	1010	904	955	767	603	684
20	2340	2280	2320	1650	1540	1620	1070	1010	1040	624	367	413
21	2310	2230	2270	1660	1600	1630	1100	1060	1070	468	375	404
22	2280	2160	2220	1680	1610	1650	1160	1090	1120	432	375	389
23	2210	2130	2180	1690	1620	1660	1160	1130	1150	395	374	380
24	2190	2040	2100	1680	1610	1640	1190	1130	1170	389	380	384
25	2140	2070	2100	1640	1540	1590	1230	1120	1190	383	370	378
26	2100	1950	2000	1590	1530	1550	1230	1170	1210	375	369	372
27	2040	1960	2000	1580	1510	1540	1220	984	1140	374	362	367
28	2020	1930	1970	1570	1510	1530	1050	909	978	368	356	361
29	1960	1910	1940	1560	1490	1530	1060	882	943	359	353	356
30	1970	1920	1930	1510	1460	1490	1020	838	913	354	348	351
31	---	---	---	1520	1400	1480	---	---	---	352	348	350
MONTH	2800	1910	2440	1970	1400	1720	1570	838	1180	1070	348	708

Appendix 9. Daily maximum, minimum, and mean values of specific conductance, bottom, in Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

SPECIFIC CONDUCTANCE, IN MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, BOTTOM
JANUARY TO APRIL 2005
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	JANUARY			FEBRUARY			MARCH			APRIL		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	353	348	351	364	354	360	369	358	363	290	280	284
2	354	347	351	356	349	353	364	352	360	297	268	284
3	353	346	349	350	345	348	360	350	355	280	258	266
4	353	346	350	348	345	346	362	350	355	260	246	249
5	357	351	354	352	345	349	361	354	357	248	241	244
6	359	352	354	355	350	353	361	349	356	249	242	245
7	359	351	354	358	352	355	364	355	360	248	242	244
8	356	350	353	361	352	356	371	355	363	248	245	246
9	360	349	354	357	352	355	373	355	363	250	240	245
10	369	359	363	360	352	356	379	366	373	249	247	248
11	372	366	368	361	351	356	379	369	374	254	245	249
12	373	366	369	366	356	361	381	364	372	254	247	250
13	372	364	368	369	362	366	377	362	371	254	241	246
14	378	366	371	372	366	369	378	359	369	246	239	242
15	373	352	359	370	362	367	376	358	368	249	241	245
16	353	349	351	368	360	363	374	359	363	252	248	250
17	358	349	352	369	360	363	361	347	357	256	247	252
18	358	350	354	373	361	366	349	343	346	256	249	252
19	365	357	361	380	368	374	346	337	341	254	246	248
20	364	358	360	387	371	378	338	330	335	263	244	246
21	369	360	364	388	374	382	336	329	332	249	243	245
22	372	365	368	388	384	386	334	323	329	259	243	246
23	370	367	368	390	382	386	335	326	330	254	246	249
24	384	368	376	389	381	384	326	323	325	255	249	252
25	392	381	384	386	375	380	327	319	322	262	251	257
26	384	379	382	387	378	383	325	317	320	264	256	260
27	383	376	379	385	376	380	323	317	320	264	257	259
28	386	376	379	382	368	375	330	316	321	264	257	260
29	383	377	379	---	---	---	327	309	317	268	255	259
30	381	369	376	---	---	---	310	298	304	267	260	264
31	371	362	366	---	---	---	315	290	298	---	---	---
MONTH	392	346	363	390	345	366	381	290	346	297	239	253

Appendix 9. Daily maximum, minimum, and mean values of specific conductance, bottom, in Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

SPECIFIC CONDUCTANCE, IN MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, BOTTOM
MAY TO AUGUST 2005
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	MAY			JUNE			JULY			AUGUST		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	318	266	276	378	345	360	267	194	232	---	---	---
2	277	262	272	367	250	307	218	185	201	---	---	---
3	263	252	256	251	240	244	215	181	201	332	308	319
4	261	253	258	265	237	244	189	167	175	328	299	314
5	269	259	265	315	246	282	181	164	170	302	268	287
6	290	259	266	343	313	329	182	169	173	277	253	266
7	390	206	282	367	333	350	194	174	182	263	247	254
8	214	179	184	381	342	363	216	182	196	252	242	248
9	190	182	186	418	364	385	222	204	211	259	243	248
10	201	175	185	422	375	397	219	201	210	273	257	265
11	193	169	179	401	339	364	229	209	219	271	261	265
12	185	172	178	339	310	322	240	225	232	267	255	259
13	200	181	191	333	291	311	245	231	237	259	246	252
14	251	195	205	384	316	344	247	226	234	260	246	252
15	213	202	206	408	376	387	248	238	243	270	254	259
16	---	---	---	487	408	456	249	238	242	271	258	265
17	227	204	209	510	458	486	263	237	242	271	265	268
18	233	204	211	468	395	431	257	243	249	277	268	272
19	214	207	211	418	303	352	268	251	257	287	276	279
20	218	208	213	361	332	348	279	259	267	297	280	288
21	221	209	214	358	320	335	301	273	280	332	295	314
22	225	213	219	379	337	351	341	298	311	362	332	345
23	224	216	219	463	379	432	346	307	326	384	351	372
24	232	220	225	470	440	457	333	294	309	---	---	---
25	247	223	233	512	467	485	306	266	283	---	---	---
26	261	232	242	552	447	502	337	289	305	---	---	---
27	242	232	236	493	429	461	371	337	352	---	---	---
28	255	240	245	438	363	400	411	368	394	---	---	---
29	324	255	297	410	316	357	428	393	411	---	---	---
30	349	297	334	316	247	286	420	401	411	---	---	---
31	377	345	359	---	---	---	413	281	375	---	---	---
MONTH	---	---	---	552	237	371	428	164	262	---	---	---

Appendix 9. Daily maximum, minimum, and mean values of specific conductance, bottom, in Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

SPECIFIC CONDUCTANCE, IN MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, BOTTOM
 SEPTEMBER TO DECEMBER 2005
 DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	512	481	496	---	---	---	404	391	397
2	---	---	---	524	494	515	---	---	---	396	392	394
3	---	---	---	528	520	525	384	373	378	406	394	399
4	---	---	---	539	524	531	384	375	379	406	398	402
5	---	---	---	548	532	539	387	377	381	400	386	393
6	---	---	---	558	546	552	383	378	380	386	377	379
7	---	---	---	574	551	559	384	375	379	378	373	376
8	413	385	398	590	551	573	384	378	380	379	375	377
9	416	374	386	590	530	550	384	378	381	383	377	380
10	417	382	401	589	387	491	385	377	382	387	381	383
11	443	416	427	567	406	532	394	380	386	389	382	384
12	479	423	448	594	541	560	404	391	398	391	385	388
13	523	479	506	618	371	428	411	399	405	390	384	388
14	513	495	504	406	387	397	416	408	412	397	389	393
15	500	455	474	411	388	400	425	411	418	403	395	399
16	523	460	477	410	380	396	426	417	422	400	383	390
17	507	488	497	404	379	392	429	422	425	384	376	380
18	728	492	633	419	396	409	445	426	436	377	362	371
19	1090	728	904	428	417	422	458	444	452	362	352	357
20	1210	1080	1150	442	426	435	474	458	466	355	347	350
21	1240	1190	1220	444	433	438	480	454	471	353	347	349
22	1210	1170	1190	---	---	---	454	409	430	357	350	354
23	1180	1060	1160	---	---	---	409	398	401	359	354	357
24	1160	1120	1140	---	---	---	400	394	397	361	355	358
25	1140	1060	1080	---	---	---	405	392	398	362	358	360
26	1100	1050	1080	---	---	---	423	404	413	362	357	359
27	1060	1040	1050	---	---	---	430	422	425	364	359	361
28	1060	808	927	---	---	---	435	423	428	364	361	362
29	893	500	625	---	---	---	432	422	426	363	357	360
30	661	472	531	---	---	---	424	404	412	362	355	358
31	---	---	---	---	---	---	---	---	---	364	358	360
MONTH	---	---	---	---	---	---	---	---	---	406	347	375

Appendix 9. Daily maximum, minimum, and mean values of specific conductance, bottom, in Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004—March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

SPECIFIC CONDUCTANCE, IN MICROSIEMENS PER CENTIMETER
AT 25 DEGREES CELSIUS, BOTTOM
JANUARY TO MARCH 2006
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	JANUARY			FEBRUARY			MARCH		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	362	358	360	396	385	389	512	498	505
2	364	359	362	391	381	385	498	485	492
3	360	337	348	382	375	380	511	486	497
4	337	335	336	376	364	368	499	485	490
5	336	330	334	367	359	365	504	486	495
6	331	321	326	363	353	358	510	489	501
7	334	322	329	371	356	363	516	495	501
8	343	334	336	377	367	374	524	504	512
9	336	332	334	385	377	382	540	524	534
10	335	331	333	391	381	385	617	538	551
11	337	332	335	395	389	392	636	543	562
12	342	334	338	407	394	401	557	547	552
13	348	339	342	419	406	411	563	550	557
14	347	342	345	424	412	419	626	562	579
15	345	330	337	428	421	424	---	---	---
16	358	345	353	442	428	434	---	---	---
17	362	355	358	449	437	445	---	---	---
18	364	355	358	453	447	450	---	---	---
19	365	357	361	461	449	453	---	---	---
20	372	363	368	468	461	464	---	---	---
21	379	371	374	484	467	476	---	---	---
22	377	373	374	498	482	492	---	---	---
23	379	373	376	506	496	501	---	---	---
24	375	364	369	506	488	498	---	---	---
25	366	362	364	505	488	494	---	---	---
26	370	364	366	513	495	502	---	---	---
27	375	367	372	516	497	505	---	---	---
28	383	373	377	512	494	505	---	---	---
29	393	380	386	---	---	---	---	---	---
30	397	392	394	---	---	---	---	---	---
31	396	387	394	---	---	---	---	---	---
MONTH	397	321	356	516	353	429	---	---	---

Appendix 10. Daily maximum, minimum, and mean values of water temperature, top, in spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004—March 2006.

[MAX, maximum; MIN, minimum; ---, no data]

WATER TEMPERATURE, IN DEGREES CELSIUS, TOP
 APRIL TO JUNE 2004
 DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	APRIL			MAY			JUNE		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	13.0	12.8	12.9	18.8	18.6	18.7
2	---	---	---	13.1	12.9	13.0	18.9	18.8	18.8
3	---	---	---	14.5	12.9	13.5	19.0	18.9	18.9
4	---	---	---	15.4	14.5	15.1	19.1	19.0	19.0
5	---	---	---	15.4	14.9	15.0	19.2	19.0	19.1
6	---	---	---	14.9	14.7	14.8	19.2	19.1	19.2
7	---	---	---	14.7	14.5	14.6	19.2	19.1	19.1
8	---	---	---	14.6	14.4	14.5	19.1	19.0	19.1
9	---	---	---	14.5	14.4	14.5	19.2	19.1	19.1
10	---	---	---	14.6	14.4	14.5	19.5	19.2	19.3
11	---	---	---	14.8	14.6	14.7	20.0	19.4	19.7
12	---	---	---	14.9	14.8	14.8	20.2	19.8	20.1
13	---	---	---	15.1	14.9	15.0	20.1	19.9	20.0
14	---	---	---	15.3	15.1	15.2	19.9	19.8	19.9
15	---	---	---	15.5	15.2	15.4	19.9	19.8	19.8
16	---	---	---	15.6	15.5	15.5	20.0	19.8	19.9
17	---	---	---	15.8	15.6	15.7	20.1	20.0	20.0
18	---	---	---	16.1	15.6	15.9	20.4	20.1	20.2
19	---	---	---	16.2	15.6	16.1	20.6	20.3	20.5
20	---	---	---	16.4	16.2	16.3	20.8	20.5	20.7
21	---	---	---	16.6	16.4	16.5	20.8	20.6	20.7
22	---	---	---	17.1	16.6	16.8	20.6	20.5	20.6
23	---	---	---	17.0	16.8	17.0	20.6	20.5	20.6
24	12.2	11.9	12.1	17.2	17.0	17.1	20.8	20.6	20.7
25	12.5	12.2	12.4	17.5	17.2	17.3	21.0	20.8	20.9
26	12.8	12.5	12.6	17.7	17.4	17.6	21.1	20.9	21.0
27	12.9	12.7	12.8	18.0	17.6	17.8	21.2	21.1	21.1
28	13.2	12.9	13.1	18.3	17.9	18.1	21.2	20.8	21.1
29	13.2	12.8	13.0	18.5	18.3	18.4	21.2	21.0	21.1
30	13.0	12.9	12.9	18.6	18.4	18.6	21.1	21.0	21.1
31	---	---	---	18.6	18.5	18.6	---	---	---
MONTH	---	---	---	18.6	12.8	15.8	21.2	18.6	20.0

Appendix 10. Daily maximum, minimum, and mean values of water temperature, top, in spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004—March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

WATER TEMPERATURE, IN DEGREES CELSIUS, TOP
JULY TO SEPTEMBER 2004
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	21.1	21.0	21.1	22.6	22.4	22.5	21.9	21.8	21.9
2	21.1	21.0	21.1	22.6	22.5	22.5	22.0	21.9	21.9
3	21.2	21.1	21.1	22.9	22.0	22.6	21.9	21.8	21.8
4	21.2	21.1	21.2	23.2	22.0	22.9	21.9	21.8	21.8
5	21.3	21.1	21.2	23.0	22.6	22.8	21.9	21.8	21.9
6	21.5	21.3	21.4	22.9	22.7	22.8	22.0	21.9	21.9
7	21.8	21.5	21.6	22.9	21.7	22.0	22.1	22.0	22.1
8	22.0	21.8	21.9	21.7	21.2	21.4	22.3	22.1	22.1
9	22.2	22.0	22.1	21.3	21.0	21.1	22.4	22.2	22.3
10	22.4	22.0	22.3	21.0	20.9	20.9	22.5	22.4	22.5
11	22.5	22.4	22.4	21.0	20.9	20.9	22.5	22.4	22.5
12	22.6	22.5	22.5	21.0	20.9	20.9	22.4	22.1	22.3
13	22.6	22.5	22.6	21.1	20.9	21.0	22.2	21.7	21.8
14	22.9	22.6	22.7	21.6	21.1	21.2	21.7	21.6	21.6
15	22.9	22.8	22.8	22.1	21.5	21.9	21.7	21.5	21.6
16	23.0	22.8	22.9	22.1	21.9	22.0	21.7	21.6	21.6
17	22.8	22.6	22.7	22.0	21.8	21.9	21.7	21.6	21.7
18	22.6	22.4	22.5	21.8	21.6	21.7	21.8	21.4	21.7
19	22.6	22.4	22.5	21.7	21.7	21.7	21.4	20.0	20.7
20	22.5	22.4	22.4	21.7	21.6	21.7	20.0	19.6	19.7
21	22.4	22.3	22.4	21.7	21.6	21.7	19.6	19.0	19.2
22	22.4	22.3	22.3	21.7	21.7	21.7	19.1	18.8	18.9
23	22.3	22.2	22.3	21.8	21.7	21.7	18.8	18.6	18.6
24	22.3	22.0	22.2	21.7	21.4	21.5	18.8	18.6	18.7
25	22.4	22.3	22.3	21.4	21.4	21.4	19.0	18.8	18.9
26	22.4	22.2	22.4	21.4	21.4	21.4	19.2	19.0	19.1
27	22.4	22.4	22.4	21.4	21.4	21.4	19.3	19.2	19.2
28	22.5	22.3	22.4	21.5	21.4	21.4	19.5	19.3	19.4
29	22.5	22.4	22.5	21.6	21.5	21.5	19.8	19.5	19.7
30	22.5	22.4	22.5	21.7	21.6	21.6	20.0	19.8	19.9
31	22.5	22.5	22.5	21.8	21.7	21.7	---	---	---
MONTH	23.0	21.0	22.2	23.2	20.9	21.7	22.5	18.6	20.9

Appendix 10. Daily maximum, minimum, and mean values of water temperature, top, in spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004—March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

WATER TEMPERATURE, IN DEGREES CELSIUS, TOP
OCTOBER TO DECEMBER 2004
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	OCTOBER			NOVEMBER			DECEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	20.0	20.0	20.0	14.6	14.2	14.4	9.4	9.3	9.3
2	20.1	20.0	20.0	14.9	14.6	14.8	9.4	9.0	9.1
3	20.2	20.1	20.1	15.1	14.9	15.0	9.0	8.6	8.8
4	20.2	20.1	20.1	15.3	15.1	15.2	8.6	8.2	8.3
5	20.1	19.5	19.8	15.5	14.3	15.1	8.2	7.9	8.0
6	19.5	18.3	18.8	14.3	13.5	13.7	7.9	7.8	7.9
7	18.3	17.6	17.8	13.5	13.2	13.2	8.1	7.9	8.0
8	17.6	17.2	17.3	13.2	12.8	13.1	8.3	8.1	8.2
9	17.3	17.1	17.2	12.8	12.0	12.4	8.7	8.3	8.5
10	17.3	17.2	17.2	12.0	11.4	11.6	9.0	8.7	8.8
11	17.4	16.9	17.1	11.4	11.0	11.1	9.2	8.9	9.1
12	16.9	16.3	16.4	11.6	11.1	11.3	9.4	9.0	9.2
13	16.3	16.1	16.2	12.2	11.5	11.8	9.1	8.5	8.8
14	16.4	16.2	16.3	11.5	10.7	11.1	8.5	7.8	8.2
15	16.4	16.2	16.4	10.7	10.1	10.3	7.8	6.8	7.3
16	16.2	15.7	15.8	10.1	9.6	9.8	6.8	6.1	6.4
17	15.7	15.1	15.3	9.6	9.2	9.4	6.1	5.9	6.0
18	15.1	14.8	14.9	9.3	9.0	9.1	6.1	6.0	6.0
19	15.2	14.9	15.0	9.4	9.1	9.3	6.1	5.8	5.9
20	15.5	15.2	15.3	9.7	9.4	9.6	5.9	4.6	5.2
21	15.8	15.5	15.7	9.9	9.7	9.8	4.6	4.3	4.4
22	16.4	15.8	16.0	10.3	9.9	10.1	4.4	4.3	4.3
23	15.8	15.0	15.3	10.5	10.3	10.4	4.5	4.4	4.5
24	15.0	14.5	14.7	10.7	10.5	10.6	5.6	4.5	5.2
25	14.5	14.2	14.3	11.1	10.7	10.8	5.3	4.7	4.9
26	14.2	14.1	14.1	11.2	9.8	10.3	4.7	4.4	4.6
27	14.1	13.8	13.8	9.8	9.6	9.6	4.4	4.2	4.3
28	13.8	13.8	13.8	10.0	9.7	9.8	4.2	4.0	4.1
29	13.8	13.6	13.7	10.1	9.6	9.9	4.1	3.9	4.0
30	13.9	13.7	13.8	9.6	9.3	9.4	4.3	3.9	4.1
31	14.2	13.9	14.1	---	---	---	4.4	4.2	4.3
MONTH	20.2	13.6	16.3	15.5	9.0	11.4	9.4	3.9	6.6

Appendix 10. Daily maximum, minimum, and mean values of water temperature, top, in spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004–March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

WATER TEMPERATURE, IN DEGREES CELSIUS, TOP
JANUARY TO APRIL 2005
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	JANUARY			FEBRUARY			MARCH			APRIL		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	4.6	4.4	4.5	4.2	3.4	3.8	5.8	5.5	5.7	8.3	8.0	8.2
2	4.7	4.5	4.6	4.3	3.3	3.9	5.5	4.7	5.0	8.6	8.2	8.3
3	4.8	4.7	4.7	4.5	4.0	4.1	5.0	4.7	4.9	8.9	8.3	8.6
4	4.9	4.8	4.9	4.3	3.8	4.1	4.9	4.5	4.6	9.2	8.9	9.1
5	5.4	4.9	5.1	4.6	3.7	4.1	5.3	4.6	4.8	9.3	9.0	9.2
6	6.1	5.4	5.7	4.8	4.0	4.3	5.0	4.5	4.7	9.3	9.2	9.3
7	6.6	6.1	6.3	4.8	4.5	4.6	4.9	4.8	4.8	9.4	9.2	9.4
8	7.0	6.5	6.6	4.6	4.5	4.6	5.7	4.9	5.2	9.5	9.4	9.5
9	7.3	6.8	7.1	4.6	4.6	4.6	5.8	5.0	5.1	10.9	9.4	10.0
10	7.3	7.1	7.2	4.9	4.6	4.7	5.1	4.9	5.0	10.4	9.8	10.2
11	7.3	7.2	7.2	5.0	4.5	4.7	5.0	5.0	5.0	10.1	9.9	10.0
12	7.2	7.1	7.2	4.6	4.3	4.5	5.3	5.0	5.1	9.9	9.8	9.9
13	7.3	7.2	7.2	4.6	4.3	4.5	5.9	5.2	5.5	10.4	9.7	10
14	9.0	7.2	7.8	4.7	4.6	4.6	7.1	5.8	6.5	10.2	9.7	9.9
15	8.8	7.7	8.0	4.7	4.6	4.7	6.6	5.8	5.9	10.5	9.3	10
16	7.7	7.4	7.6	5.0	4.7	4.8	6.0	5.6	5.8	9.7	8.8	9.2
17	7.4	5.9	6.7	6.0	4.9	5.6	5.6	5.3	5.5	9.4	8.8	9.0
18	6.0	4.7	5.3	6.0	5.1	5.6	5.7	5.2	5.4	8.9	8.9	8.9
19	4.7	4.3	4.5	5.1	4.5	4.7	5.5	5.5	5.5	9.0	8.9	9.0
20	4.4	4.2	4.3	4.7	4.6	4.7	5.6	5.5	5.5	---	---	---
21	4.5	4.1	4.2	4.8	4.7	4.8	5.8	5.6	5.7	9.4	9.2	9.3
22	4.2	4.1	4.2	5.2	4.8	5.0	6.0	5.8	5.9	9.7	9.4	9.5
23	4.2	3.6	3.9	6.3	5.1	5.6	6.1	5.9	6.0	10.1	9.7	9.9
24	4.0	3.6	3.8	6.6	5.8	6.3	6.3	6.1	6.2	10.4	10.0	10.2
25	4.0	3.9	3.9	6.6	5.8	6.2	6.6	6.3	6.5	10.6	10.2	10.4
26	4.0	3.9	3.9	5.8	5.2	5.3	7.0	6.6	6.8	10.6	10.4	10.5
27	4.0	3.2	3.7	5.2	4.9	5.0	7.1	6.9	7.0	10.6	10.5	10.6
28	3.7	3.4	3.5	5.9	5.0	5.5	7.5	7.0	7.2	10.8	10.6	10.7
29	4.1	3.7	3.8	---	---	---	7.7	6.8	7.3	11.0	10.8	10.9
30	4.1	4.0	4.1	---	---	---	7.9	7.6	7.8	11.3	10.9	11.1
31	4.3	3.7	4.0	---	---	---	8.1	7.9	8.0	---	---	---
MONTH	9.0	3.2	5.3	6.6	3.3	4.8	8.1	4.5	5.8	---	---	---

Appendix 10. Daily maximum, minimum, and mean values of water temperature, top, in spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004–March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

WATER TEMPERATURE, IN DEGREES CELSIUS, TOP
MAY TO AUGUST 2005
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	MAY			JUNE			JULY			AUGUST		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.5	11.1	11.3	15.4	15.2	15.3	20.8	19.8	20.2	---	---	---
2	11.6	11.4	11.5	15.4	15.3	15.4	20.0	19.8	19.9	---	---	---
3	11.8	11.4	11.6	15.6	15.4	15.5	20.3	20.0	20.1	22.1	22.0	22.1
4	11.8	11.6	11.7	15.6	15.5	15.6	20.2	20.1	20.1	22.1	21.8	21.9
5	12.0	11.7	11.8	15.6	15.5	15.6	20.2	20.1	20.2	21.8	21.7	21.7
6	13.3	9.7	12.0	15.7	15.6	15.6	20.3	20.1	20.2	21.7	21.6	21.6
7	12.4	10.6	11.6	16.0	15.7	15.8	20.3	20.1	20.2	21.7	21.6	21.6
8	13.3	12.3	12.9	16.3	16.0	16.2	20.5	20.0	20.4	21.7	21.6	21.6
9	13.6	13.2	13.5	16.6	16.3	16.5	20.7	20.5	20.6	21.7	21.6	21.7
10	13.8	13.6	13.7	16.9	16.6	16.7	20.9	20.7	20.8	21.8	21.7	21.7
11	13.9	13.8	13.8	17.2	16.9	17.1	21.1	20.9	21.0	21.8	21.8	21.8
12	13.9	13.8	13.8	17.5	17.2	17.4	21.3	21.1	21.2	21.8	21.8	21.8
13	13.9	13.8	13.9	17.8	17.5	17.6	21.5	21.0	21.4	21.9	21.8	21.8
14	14.0	13.9	13.9	18.1	17.8	17.9	21.7	21.5	21.6	21.9	21.8	21.8
15	14.0	13.9	14.0	18.5	18.1	18.3	---	---	---	21.9	21.8	21.8
16	14.0	13.9	14.0	18.8	18.5	18.6	---	---	---	22.3	21.6	22.0
17	14.1	14.0	14.0	19.1	18.8	19.0	---	---	---	22.3	22.0	22.2
18	14.2	14.1	14.1	19.3	18.9	19.2	---	---	---	22.1	21.8	21.9
19	14.3	14.2	14.3	19.3	19.1	19.2	---	---	---	21.8	21.6	21.7
20	14.4	14.2	14.3	19.4	19.1	19.3	---	---	---	21.6	21.5	21.6
21	14.5	14.3	14.4	19.2	18.9	19.0	---	---	---	21.7	21.5	21.6
22	14.5	14.4	14.5	18.9	18.7	18.8	---	---	---	21.8	21.6	21.7
23	14.6	14.4	14.5	19.0	18.8	18.9	---	---	---	21.9	21.8	21.8
24	14.6	14.5	14.6	19.2	18.9	19.1	---	---	---	21.9	21.8	21.8
25	14.8	14.5	14.7	19.3	19.2	19.2	---	---	---	21.8	21.5	21.7
26	14.7	14.4	14.5	19.4	19.2	19.3	---	---	---	---	---	---
27	14.4	14.4	14.4	19.7	19.4	19.5	---	---	---	---	---	---
28	14.6	14.4	14.5	19.7	19.6	19.7	---	---	---	---	---	---
29	14.8	14.6	14.6	20.8	19.4	20.1	---	---	---	---	---	---
30	15.0	14.7	14.8	21.0	20.6	20.9	---	---	---	---	---	---
31	15.2	15.0	15.1	---	---	---	---	---	---	---	---	---
MONTH	15.2	9.7	13.6	21.0	15.2	17.9	---	---	---	---	---	---

Appendix 10. Daily maximum, minimum, and mean values of water temperature, top, in spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004–March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

WATER TEMPERATURE, IN DEGREES CELSIUS, TOP
SEPTEMBER TO DECEMBER 2005
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	---	---	---	10.0	9.5	9.8
2	---	---	---	---	---	---	12.6	12.2	12.3	10.0	8.8	9.4
3	---	---	---	---	---	---	12.3	11.9	12.0	8.8	8.3	8.4
4	---	---	---	---	---	---	11.9	11.8	11.8	8.4	8.3	8.3
5	---	---	---	---	---	---	12.0	11.8	11.9	8.8	8.4	8.6
6	---	---	---	---	---	---	12.3	12.0	12.1	9.0	8.3	8.7
7	---	---	---	---	---	---	12.6	12.3	12.4	8.3	7.7	8.0
8	---	---	---	---	---	---	12.7	12.6	12.6	7.7	7.3	7.4
9	---	---	---	---	---	---	12.8	12.7	12.8	7.4	7.3	7.3
10	---	---	---	---	---	---	13.2	12.8	12.9	7.3	6.9	7.0
11	---	---	---	---	---	---	13.0	12.0	12.3	6.9	6.7	6.8
12	---	---	---	---	---	---	12.0	11.4	11.6	6.7	6.5	6.6
13	---	---	---	---	---	---	11.4	11.2	11.2	6.5	6.0	6.3
14	---	---	---	20.0	19.6	19.7	11.6	11.2	11.4	6.0	5.6	5.7
15	---	---	---	19.6	19.1	19.3	11.9	11.5	11.7	5.6	5.5	5.6
16	---	---	---	19.1	18.3	18.7	12.3	11.9	12.1	5.8	5.6	5.7
17	---	---	---	18.3	17.4	17.8	12.9	12.2	12.6	6.0	5.8	5.9
18	---	---	---	17.4	16.9	17.0	12.2	10.9	11.4	6.6	6.0	6.3
19	---	---	---	17.0	16.9	16.9	10.9	10.2	10.4	6.5	5.9	6.1
20	---	---	---	17.2	17.0	17.1	10.2	10.0	10.0	5.9	5.6	5.7
21	---	---	---	17.4	17.2	17.3	10.7	10.1	10.3	5.6	5.2	5.4
22	---	---	---	17.6	17.4	17.5	11.2	10.6	11.0	5.2	4.7	4.9
23	---	---	---	17.7	16.9	17.3	10.9	9.8	10.2	4.7	4.4	4.5
24	---	---	---	16.9	16.8	16.8	9.8	9.6	9.7	4.4	4.3	4.3
25	---	---	---	16.8	15.9	16.4	9.8	8.9	9.3	4.4	4.3	4.3
26	---	---	---	15.9	15.2	15.4	8.9	8.3	8.5	4.8	4.4	4.5
27	---	---	---	15.2	14.7	14.9	8.3	8.2	8.2	4.7	4.5	4.6
28	---	---	---	14.7	14.2	14.5	8.6	8.2	8.4	4.5	4.5	4.5
29	---	---	---	14.2	13.3	13.7	9.0	8.6	8.7	4.8	4.5	4.7
30	---	---	---	13.3	12.6	12.9	9.5	8.9	9.2	5.1	4.8	4.9
31	---	---	---	---	---	---	---	---	---	5.2	5.0	5.0
MONTH	---	---	---	---	---	---	---	---	---	10.0	4.3	6.3

Appendix 10. Daily maximum, minimum, and mean values of water temperature, top, in spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004—March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

WATER TEMPERATURE, IN DEGREES CELSIUS, TOP
 JANUARY TO MARCH 2006
 DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	JANUARY			FEBRUARY			MARCH		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5.2	5.1	5.2	6.7	6.5	6.6	5.6	5.3	5.4
2	5.3	5.1	5.2	6.6	6.1	6.3	6.0	5.6	5.7
3	5.6	5.3	5.4	6.4	6.3	6.4	7.2	5.9	6.9
4	5.9	5.6	5.7	6.8	6.4	6.6	7.2	6.1	6.4
5	6.2	5.9	6.0	6.9	6.7	6.8	6.2	5.6	5.8
6	6.7	6.1	6.5	6.8	6.3	6.4	6.0	5.7	5.8
7	6.3	5.5	5.7	6.6	6.4	6.5	6.5	5.7	5.9
8	5.5	5.2	5.3	6.4	6.1	6.2	6.0	5.6	5.7
9	5.4	5.3	5.3	6.1	5.7	5.9	5.9	5.8	5.8
10	5.9	5.3	5.6	5.7	5.3	5.4	6.2	5.8	6.0
11	6.2	5.9	6.0	5.5	5.4	5.4	7.1	6.2	6.7
12	6.4	6.2	6.3	5.6	5.4	5.5	7.8	7.1	7.4
13	6.7	6.4	6.6	5.4	5.0	5.2	8.5	7.6	8.0
14	7.2	6.6	6.8	5.0	4.7	4.8	---	---	---
15	7.4	6.0	6.6	4.8	4.6	4.7	---	---	---
16	6.0	5.8	5.9	5.2	4.8	5.0	---	---	---
17	6.0	5.8	5.9	5.6	5.2	5.3	---	---	---
18	6.6	6.0	6.2	6.9	5.6	6.5	---	---	---
19	6.4	6.1	6.2	6.8	5.3	5.7	---	---	---
20	6.3	6.0	6.1	5.3	5.1	5.2	---	---	---
21	6.6	6.3	6.5	5.2	5.0	5.1	---	---	---
22	7.5	6.6	7.1	5.3	5.2	5.2	---	---	---
23	7.4	7.2	7.3	5.5	5.3	5.4	---	---	---
24	8.0	7.4	7.8	5.7	5.5	5.6	---	---	---
25	8.2	7.6	8.0	5.7	5.3	5.5	---	---	---
26	7.6	6.5	6.9	6.0	5.4	5.6	---	---	---
27	6.5	5.9	6.1	5.4	5.2	5.3	---	---	---
28	5.9	5.6	5.7	5.3	5.2	5.3	---	---	---
29	5.7	5.5	5.6	---	---	---	---	---	---
30	6.1	5.7	5.9	---	---	---	---	---	---
31	6.6	6.0	6.3	---	---	---	---	---	---
MONTH	8.2	5.1	6.2	6.9	4.6	5.7	---	---	---

Appendix 11. Daily maximum, minimum, and mean values of specific conductance, top, in spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004—March 2006.

[MAX, maximum; MIN, minimum; ---, no data]

SPECIFIC CONDUCTANCE, IN MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, TOP
APRIL TO JUNE 2004
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	APRIL			MAY			JUNE		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	326	320	322	294	291	292
2	---	---	---	326	323	325	293	290	291
3	---	---	---	329	321	325	292	290	291
4	---	---	---	322	265	296	296	290	294
5	---	---	---	284	223	243	299	296	297
6	---	---	---	249	235	242	303	297	299
7	---	---	---	248	239	243	303	299	301
8	---	---	---	256	241	249	302	298	300
9	---	---	---	261	251	256	302	299	300
10	---	---	---	269	256	262	303	298	301
11	---	---	---	276	263	270	304	296	300
12	---	---	---	279	274	277	299	290	294
13	---	---	---	285	278	281	293	290	291
14	---	---	---	288	283	285	290	287	289
15	---	---	---	291	283	287	289	284	287
16	---	---	---	290	287	289	286	279	282
17	---	---	---	291	288	290	279	274	276
18	---	---	---	295	288	291	274	271	273
19	---	---	---	306	288	292	274	270	272
20	---	---	---	292	286	289	276	271	273
21	---	---	---	290	286	287	277	273	276
22	---	---	---	288	281	285	281	276	278
23	---	---	---	289	280	284	281	279	280
24	324	317	319	291	285	288	284	280	282
25	322	317	319	292	289	291	290	283	287
26	324	318	321	290	285	287	295	289	292
27	324	320	322	289	283	285	299	295	297
28	326	321	323	289	283	286	299	294	296
29	324	319	322	289	284	286	295	292	294
30	325	319	321	293	287	290	295	286	292
31	---	---	---	296	292	294	---	---	---
MONTH	---	---	---	329	223	283	304	270	289

Appendix 11. Daily maximum, minimum, and mean values of specific conductance, top, in spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004—March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

SPECIFIC CONDUCTANCE, IN MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, TOP
JULY TO SEPTEMBER 2004
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	287	280	283	291	284	287	208	205	206
2	280	278	278	284	277	281	209	204	206
3	280	278	279	307	258	275	205	202	204
4	282	280	281	306	234	253	208	203	206
5	285	282	284	259	235	248	212	206	208
6	288	284	286	259	244	251	214	210	212
7	290	287	288	250	207	217	217	213	215
8	295	289	292	224	215	220	221	217	219
9	298	293	296	226	218	222	223	219	221
10	302	297	300	223	217	219	224	219	222
11	305	302	303	223	218	221	225	220	222
12	308	305	307	225	220	222	222	205	213
13	312	308	310	231	222	224	214	209	211
14	314	311	313	234	228	231	219	210	215
15	315	311	313	232	199	221	225	217	219
16	318	314	316	199	169	178	227	222	225
17	320	309	317	169	159	166	228	226	227
18	324	318	322	170	163	167	230	209	225
19	329	323	325	175	169	172	234	215	224
20	330	325	328	184	174	179	242	233	239
21	334	329	332	190	183	187	251	240	247
22	336	324	334	191	188	190	254	245	250
23	338	333	336	192	186	189	254	248	251
24	340	333	338	193	182	186	251	249	250
25	339	329	336	189	182	186	251	248	249
26	333	297	314	195	189	192	251	247	249
27	299	290	293	194	191	192	253	248	251
28	296	289	291	199	193	195	256	252	254
29	300	284	292	199	196	197	258	254	256
30	299	295	297	202	196	199	260	257	258
31	297	289	292	205	200	202	---	---	---
MONTH	340	278	306	307	159	212	260	202	228

Appendix 11. Daily maximum, minimum, and mean values of specific conductance, top, in spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004—March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

SPECIFIC CONDUCTANCE, IN MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, TOP
OCTOBER TO DECEMBER 2004
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	OCTOBER			NOVEMBER			DECEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	260	258	259	295	294	295	304	302	303
2	260	259	260	295	294	294	305	302	304
3	262	259	261	296	294	294	308	303	306
4	263	260	261	296	295	296	309	306	307
5	262	234	248	301	296	298	310	307	308
6	258	249	253	309	299	305	310	307	308
7	271	258	267	310	306	309	308	307	307
8	280	270	276	313	306	309	308	306	307
9	279	275	277	317	312	315	309	307	308
10	277	275	277	318	314	316	308	305	307
11	284	275	280	318	315	316	307	304	306
12	296	284	292	315	304	308	306	290	298
13	300	292	296	305	291	299	307	296	304
14	293	289	291	310	295	307	311	306	308
15	292	289	291	312	309	311	314	310	312
16	303	291	299	313	309	311	315	312	314
17	305	300	303	313	301	310	316	313	314
18	307	296	304	313	310	312	317	313	315
19	297	290	293	312	310	311	317	313	315
20	290	288	289	311	309	310	319	314	317
21	292	288	289	311	309	310	321	317	319
22	293	290	291	311	309	310	319	316	318
23	298	292	293	311	309	310	319	315	317
24	303	298	301	311	310	310	321	312	316
25	305	301	303	312	309	311	317	313	315
26	303	298	301	313	305	309	317	307	314
27	305	299	303	314	312	313	312	306	309
28	303	297	300	314	308	311	313	309	310
29	303	299	301	309	290	297	316	310	312
30	300	297	298	302	297	301	314	309	312
31	298	295	296	---	---	---	313	310	312
MONTH	307	234	286	318	290	307	321	290	310

Appendix 11. Daily maximum, minimum, and mean values of specific conductance, top, in spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004–March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

SPECIFIC CONDUCTANCE, IN MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, TOP
 JANUARY TO APRIL 2005
 DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	JANUARY			FEBRUARY			MARCH			APRIL		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	314	311	313	296	275	286	291	271	281	273	270	271
2	313	310	311	287	271	279	287	269	280	272	267	270
3	313	310	311	286	272	278	293	274	286	270	255	263
4	314	309	311	290	271	283	293	282	287	263	257	260
5	314	302	308	293	279	287	293	285	291	264	259	260
6	313	306	310	294	280	288	292	281	286	261	259	260
7	312	308	310	293	280	284	292	283	288	259	256	258
8	311	307	309	283	281	282	294	288	291	258	256	257
9	311	307	309	295	279	283	290	273	282	257	243	251
10	310	306	307	300	282	290	290	277	283	255	241	249
11	310	307	308	298	282	290	290	280	285	250	246	248
12	311	307	309	300	279	290	291	279	284	246	242	244
13	311	307	309	298	290	295	291	277	283	249	223	239
14	313	308	311	298	296	297	288	264	280	234	223	229
15	311	292	298	300	298	299	279	260	269	243	231	237
16	295	287	292	302	292	299	281	268	273	252	242	247
17	296	285	292	301	295	299	280	275	278	252	241	247
18	303	295	300	298	276	288	279	265	273	248	241	243
19	304	301	303	298	282	290	271	262	265	242	240	241
20	304	301	303	299	289	295	272	262	265	---	---	---
21	305	300	303	301	294	298	275	262	267	246	236	241
22	305	301	302	301	294	298	271	263	266	247	236	241
23	305	301	304	301	292	296	276	264	268	249	243	247
24	304	297	300	300	284	292	267	262	265	252	244	248
25	304	302	303	291	275	281	267	259	262	254	249	251
26	307	304	305	286	274	278	277	266	270	252	248	250
27	308	302	305	290	275	282	266	262	264	253	250	252
28	308	300	304	293	274	285	277	264	272	254	252	253
29	306	302	304	---	---	---	279	267	274	255	252	253
30	308	304	306	---	---	---	275	266	271	256	252	254
31	308	290	301	---	---	---	274	272	273	---	---	---
MONTH	314	285	305	302	271	289	294	259	276	---	---	---

Appendix 11. Daily maximum, minimum, and mean values of specific conductance, top, in spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004–March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

SPECIFIC CONDUCTANCE, IN MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, TOP
 SEPTEMBER TO DECEMBER 2005
 DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	---	---	---	237	232	235
2	---	---	---	---	---	---	257	250	253	237	232	234
3	---	---	---	---	---	---	257	250	254	240	234	237
4	---	---	---	---	---	---	256	251	254	242	235	239
5	---	---	---	---	---	---	254	249	251	241	234	238
6	---	---	---	---	---	---	255	250	252	237	233	235
7	---	---	---	---	---	---	253	248	251	239	234	237
8	---	---	---	---	---	---	257	248	252	239	236	238
9	---	---	---	---	---	---	255	249	253	240	236	238
10	---	---	---	---	---	---	255	249	252	241	237	239
11	---	---	---	---	---	---	255	251	252	242	238	240
12	---	---	---	---	---	---	253	249	252	243	238	240
13	---	---	---	---	---	---	253	249	252	244	241	243
14	---	---	---	215	210	212	252	247	249	246	242	244
15	---	---	---	221	214	217	247	243	245	245	242	244
16	---	---	---	229	219	224	246	242	244	246	239	243
17	---	---	---	238	228	234	252	244	247	241	235	239
18	---	---	---	243	237	241	251	248	250	239	225	234
19	---	---	---	245	236	240	252	247	250	232	219	225
20	---	---	---	250	245	248	253	247	250	238	220	233
21	---	---	---	250	246	248	252	247	250	242	237	240
22	---	---	---	251	246	249	247	234	244	242	237	239
23	---	---	---	248	233	239	244	236	242	243	238	240
24	---	---	---	239	235	237	244	240	242	243	240	241
25	---	---	---	243	227	237	244	242	243	244	241	242
26	---	---	---	248	243	245	244	239	242	245	240	243
27	---	---	---	249	244	247	244	237	241	242	238	240
28	---	---	---	249	245	247	241	237	240	242	239	240
29	---	---	---	252	249	250	238	234	236	240	236	238
30	---	---	---	253	250	252	236	231	234	237	226	231
31	---	---	---	---	---	---	---	---	---	235	219	226
MONTH	---	---	---	---	---	---	---	---	---	246	219	238

Appendix 11. Daily maximum, minimum, and mean values of specific conductance, top, in spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004—March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

SPECIFIC CONDUCTANCE, IN MICROSIEMENS PER CENTIMETER
AT 25 DEGREES CELSIUS, TOP
JANUARY TO MARCH 2006
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	JANUARY			FEBRUARY			MARCH		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	223	218	220	230	226	229	247	235	243
2	221	212	217	230	222	226	248	244	246
3	230	217	223	232	230	231	248	236	242
4	229	224	226	232	230	231	246	231	240
5	229	226	228	232	230	231	245	234	240
6	229	210	219	233	228	231	249	239	244
7	227	209	217	234	232	233	249	240	245
8	230	224	227	234	229	232	246	233	240
9	231	227	229	235	231	233	251	243	248
10	231	229	230	235	231	233	252	250	251
11	231	212	223	237	233	235	255	249	252
12	226	217	223	237	233	235	259	252	256
13	229	225	226	236	233	234	261	257	259
14	229	227	228	237	234	235	---	---	---
15	229	220	225	239	235	236	---	---	---
16	222	216	218	240	236	239	---	---	---
17	226	216	220	240	237	239	---	---	---
18	228	224	226	240	235	238	---	---	---
19	226	219	222	239	233	236	---	---	---
20	227	220	223	238	234	237	---	---	---
21	228	222	225	241	237	238	---	---	---
22	228	222	226	241	237	239	---	---	---
23	228	222	226	244	239	243	---	---	---
24	231	228	230	245	243	244	---	---	---
25	232	221	228	245	234	241	---	---	---
26	227	218	225	245	230	240	---	---	---
27	228	225	227	244	230	238	---	---	---
28	229	226	227	243	235	239	---	---	---
29	231	227	229	---	---	---	---	---	---
30	232	230	231	---	---	---	---	---	---
31	231	229	230	---	---	---	---	---	---
MONTH	232	209	225	245	222	236	---	---	---

Appendix 12. Daily maximum, minimum, and mean values of water temperature, bottom, in spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004—March 2006.

[MAX, maximum; MIN, minimum; ---, no data]

WATER TEMPERATURE, IN DEGREES CELSIUS, BOTTOM
 APRIL TO JUNE 2004
 DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	APRIL			MAY			JUNE		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	8.9	8.9	8.9	10.4	10.3	10.4
2	---	---	---	9.0	8.9	8.9	10.4	10.4	10.4
3	---	---	---	9.1	8.9	9.0	10.5	10.4	10.5
4	---	---	---	9.1	9.0	9.0	10.5	10.5	10.5
5	---	---	---	9.1	9.0	9.1	10.6	10.5	10.6
6	---	---	---	9.2	9.1	9.1	10.6	10.6	10.6
7	---	---	---	9.2	9.2	9.2	10.7	10.6	10.7
8	---	---	---	9.2	9.2	9.2	10.7	10.7	10.7
9	---	---	---	9.3	9.2	9.3	10.8	10.7	10.8
10	---	---	---	9.4	9.3	9.3	10.9	10.8	10.8
11	---	---	---	9.4	9.3	9.3	10.9	10.8	10.9
12	---	---	---	9.4	9.3	9.3	11.0	10.9	10.9
13	---	---	---	9.4	9.4	9.4	11.0	11.0	11.0
14	---	---	---	9.5	9.4	9.5	11.1	11.0	11.1
15	---	---	---	9.6	9.5	9.5	11.2	11.1	11.1
16	---	---	---	9.6	9.5	9.6	11.2	11.1	11.2
17	---	---	---	9.6	9.6	9.6	11.3	11.2	11.2
18	---	---	---	9.7	9.6	9.6	11.3	11.3	11.3
19	---	---	---	9.8	9.7	9.7	11.4	11.3	11.3
20	---	---	---	9.8	9.7	9.8	11.5	11.4	11.4
21	---	---	---	9.8	9.8	9.8	11.5	11.4	11.5
22	---	---	---	9.9	9.8	9.9	11.6	11.5	11.5
23	---	---	---	9.9	9.9	9.9	11.6	11.6	11.6
24	8.7	8.6	8.6	10.0	9.9	9.9	11.8	11.6	11.7
25	8.8	8.6	8.7	10.0	10.0	10.0	11.8	11.7	11.7
26	8.8	8.7	8.7	10.1	10.0	10.0	11.8	11.8	11.8
27	8.8	8.7	8.7	10.1	10.1	10.1	11.9	11.8	11.8
28	8.8	8.8	8.8	10.2	10.1	10.1	11.9	11.8	11.9
29	8.9	8.8	8.8	10.2	10.2	10.2	12.0	11.9	12.0
30	8.9	8.8	8.8	10.3	10.2	10.2	12.1	12.0	12.0
31	---	---	---	10.3	10.3	10.3	---	---	---
MONTH	---	---	---	10.3	8.9	9.6	12.1	10.3	11.2

Appendix 12. Daily maximum, minimum, and mean values of water temperature, bottom, in spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004—March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

WATER TEMPERATURE, IN DEGREES CELSIUS, BOTTOM
JULY TO SEPTEMBER 2004
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	12.1	12.1	12.1	14.0	13.9	13.9	15.4	15.3	15.3
2	12.2	12.1	12.2	14.0	14.0	14.0	15.4	15.3	15.4
3	12.2	12.2	12.2	14.1	13.9	14.0	15.4	15.4	15.4
4	12.3	12.2	12.3	14.1	14.1	14.1	15.4	15.4	15.4
5	12.4	12.3	12.3	14.2	14.1	14.1	15.5	15.4	15.4
6	12.4	12.4	12.4	14.2	14.2	14.2	15.5	15.4	15.5
7	12.5	12.4	12.4	14.3	14.2	14.2	15.5	15.5	15.5
8	12.6	12.5	12.5	14.3	14.3	14.3	15.6	15.5	15.5
9	12.6	12.6	12.6	14.4	14.3	14.3	15.6	15.5	15.6
10	12.7	12.6	12.6	14.4	14.4	14.4	15.6	15.6	15.6
11	12.7	12.7	12.7	14.5	14.4	14.4	15.7	15.6	15.6
12	12.8	12.7	12.8	14.5	14.4	14.5	15.7	15.6	15.7
13	12.9	12.8	12.8	14.6	14.5	14.5	15.7	15.7	15.7
14	13.0	12.9	12.9	14.6	14.5	14.6	15.7	15.7	15.7
15	13.0	13.0	13.0	14.6	14.6	14.6	15.8	15.7	15.8
16	13.1	13.0	13.1	14.7	14.6	14.7	15.8	15.8	15.8
17	13.2	13.1	13.1	14.7	14.7	14.7	15.8	15.8	15.8
18	13.2	13.2	13.2	14.8	14.7	14.7	15.9	15.8	15.9
19	13.3	13.2	13.2	14.8	14.8	14.8	15.9	15.8	15.9
20	13.3	13.3	13.3	14.9	14.8	14.8	16.0	15.9	15.9
21	13.4	13.3	13.4	14.9	14.8	14.8	16.0	15.9	16.0
22	13.5	13.4	13.4	14.9	14.9	14.9	16.0	15.9	16.0
23	13.5	13.4	13.5	15.0	14.9	14.9	16.0	16.0	16.0
24	13.6	13.5	13.5	15.0	15.0	15.0	16.1	16.0	16.0
25	13.6	13.6	13.6	15.0	15.0	15.0	16.1	16.0	16.1
26	13.7	13.6	13.6	15.1	15.0	15.1	16.1	16.1	16.1
27	13.7	13.7	13.7	15.1	15.1	15.1	16.1	16.0	16.1
28	13.8	13.7	13.7	15.2	15.1	15.2	16.2	16.1	16.1
29	13.8	13.7	13.8	15.2	15.2	15.2	16.2	16.1	16.2
30	13.9	13.8	13.9	15.3	15.2	15.2	16.2	16.2	16.2
31	13.9	13.9	13.9	15.4	15.3	15.3	---	---	---
MONTH	13.9	12.1	13.0	15.4	13.9	14.6	16.2	15.3	15.8

Appendix 12. Daily maximum, minimum, and mean values of water temperature, bottom, in spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004—March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

WATER TEMPERATURE, IN DEGREES CELSIUS, BOTTOM
OCTOBER TO DECEMBER 2004
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	OCTOBER			NOVEMBER			DECEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	16.2	16.2	16.2	13.9	13.9	13.9	9.4	9.3	9.3
2	16.2	16.2	16.2	13.9	13.9	13.9	9.4	9.0	9.1
3	16.2	16.2	16.2	13.9	13.9	13.9	9.1	8.6	8.9
4	16.2	16.2	16.2	14.0	13.9	13.9	8.6	8.2	8.3
5	16.2	16.1	16.2	14.0	14.0	14.0	8.2	7.9	8.0
6	16.2	16.2	16.2	14.0	13.5	13.8	7.9	7.9	7.9
7	16.2	16.2	16.2	13.5	13.2	13.3	8.0	7.9	8.0
8	16.2	16.2	16.2	13.2	12.8	13.1	8.1	8.0	8.1
9	16.2	16.2	16.2	12.8	12.0	12.4	8.2	8.1	8.2
10	16.2	16.2	16.2	12.0	11.4	11.7	8.3	8.2	8.3
11	16.2	16.2	16.2	11.4	11.0	11.1	8.4	8.3	8.4
12	16.2	16.1	16.2	11.2	11.1	11.2	8.5	8.4	8.4
13	16.1	16.0	16.1	11.4	11.2	11.3	8.6	8.5	8.5
14	16.0	16.0	16.0	11.4	10.8	11.1	8.6	7.9	8.2
15	16.0	15.9	15.9	10.8	10.1	10.4	7.9	6.8	7.3
16	15.9	15.8	15.9	10.1	9.7	9.8	6.8	6.2	6.4
17	15.8	15.5	15.7	9.7	9.3	9.4	6.2	5.8	5.9
18	15.5	15.1	15.2	9.3	9.0	9.1	5.9	5.8	5.8
19	15.1	15.0	15.1	9.3	9.1	9.2	5.9	5.9	5.9
20	15.0	15.0	15.0	9.4	9.3	9.3	5.9	4.6	5.2
21	15.1	15.0	15.0	9.5	9.4	9.5	4.6	4.3	4.4
22	15.0	15.0	15.0	9.7	9.5	9.6	4.4	4.2	4.3
23	15.0	15.0	15.0	9.8	9.7	9.7	4.5	4.4	4.4
24	15.0	14.9	14.9	9.8	9.8	9.8	4.7	4.5	4.6
25	14.9	14.5	14.6	9.9	9.8	9.9	4.9	4.7	4.8
26	14.6	14.3	14.4	10.0	9.8	9.9	5.0	4.4	4.9
27	14.4	13.8	14.0	9.8	9.6	9.7	4.9	4.4	4.8
28	14.0	13.9	13.9	9.8	9.7	9.7	4.7	4.5	4.6
29	13.9	13.7	13.8	9.8	9.6	9.8	4.7	4.5	4.6
30	13.8	13.8	13.8	9.6	9.3	9.4	4.7	4.5	4.6
31	13.9	13.8	13.8	---	---	---	4.5	4.3	4.4
MONTH	16.2	13.7	15.4	14.0	9.0	11.1	9.4	4.2	6.6

Appendix 12. Daily maximum, minimum, and mean values of water temperature, bottom, in spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004–March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

WATER TEMPERATURE, IN DEGREES CELSIUS, BOTTOM
JANUARY TO APRIL 2005
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	JANUARY			FEBRUARY			MARCH			APRIL		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	4.5	4.4	4.4	4.4	4.2	4.3	5.4	5.3	5.4	6.3	6.2	6.3
2	4.6	4.5	4.6	4.4	4.3	4.4	5.4	5.2	5.3	6.4	6.3	6.3
3	4.7	4.6	4.7	4.6	4.4	4.5	5.3	4.7	4.9	6.5	6.4	6.4
4	4.8	4.7	4.8	4.6	4.5	4.6	4.8	4.5	4.6	6.5	6.5	6.5
5	4.9	4.8	4.8	4.7	4.6	4.6	4.7	4.6	4.6	6.6	6.5	6.5
6	5.0	4.9	4.9	4.8	4.7	4.7	4.7	4.6	4.7	6.6	6.6	6.6
7	5.1	5.0	5.0	4.9	4.8	4.8	4.8	4.7	4.8	6.7	6.6	6.7
8	5.2	5.1	5.2	4.9	4.8	4.9	5.1	4.8	4.9	6.8	6.7	6.7
9	5.3	5.2	5.3	5.0	4.9	5.0	5.0	4.9	5.0	6.8	6.8	6.8
10	5.4	5.3	5.4	5.1	5.0	5.0	5.1	5.0	5.0	6.9	6.8	6.8
11	5.6	5.4	5.5	5.1	5.0	5.1	5.1	5.0	5.0	6.9	6.9	6.9
12	5.7	5.6	5.6	5.1	4.5	4.8	5.2	5.1	5.1	7.0	6.9	7.0
13	5.8	5.7	5.7	4.8	4.5	4.6	5.2	5.1	5.1	7.1	7.0	7.0
14	5.9	5.8	5.8	4.6	4.6	4.6	5.3	5.2	5.2	7.1	7.1	7.1
15	6.0	5.9	6.0	4.6	4.6	4.6	5.4	5.3	5.3	7.2	7.1	7.2
16	6.1	6.0	6.1	4.7	4.6	4.7	5.4	5.4	5.4	7.3	7.2	7.2
17	6.3	6.1	6.2	4.8	4.7	4.7	5.5	5.4	5.5	7.3	7.3	7.3
18	6.2	4.8	5.3	4.9	4.8	4.8	5.6	5.3	5.5	7.4	7.3	7.4
19	4.8	4.3	4.5	4.9	4.6	4.8	5.6	5.6	5.6	7.5	7.4	7.4
20	4.4	4.1	4.3	4.8	4.6	4.6	5.7	5.6	5.7	---	---	---
21	4.5	4.2	4.3	4.8	4.7	4.7	5.7	5.7	5.7	7.6	7.6	7.6
22	4.3	4.1	4.2	4.8	4.8	4.8	5.8	5.7	5.8	7.6	7.6	7.6
23	4.3	4.1	4.2	4.9	4.8	4.9	5.8	5.8	5.8	7.8	7.6	7.7
24	4.3	3.8	4.1	5.0	4.9	5.0	5.9	5.8	5.9	7.8	7.8	7.8
25	4.3	4.0	4.2	5.1	5.0	5.1	5.9	5.9	5.9	7.9	7.8	7.8
26	4.3	4.2	4.2	5.2	5.1	5.2	6.0	5.9	6.0	7.9	7.9	7.9
27	4.3	4.1	4.2	5.3	5.2	5.2	6.1	6.0	6.0	8.0	7.9	7.9
28	4.3	4.2	4.3	5.3	5.3	5.3	6.1	6.0	6.1	8.0	7.9	8.0
29	4.3	4.2	4.2	---	---	---	6.2	6.1	6.1	8.0	8.0	8.0
30	4.3	4.2	4.2	---	---	---	6.2	6.1	6.2	8.1	8.0	8.0
31	4.3	4.0	4.2	---	---	---	6.2	6.2	6.2	---	---	---
MONTH	6.3	3.8	4.9	5.3	4.2	4.8	6.2	4.5	5.4	---	---	---

Appendix 12. Daily maximum, minimum, and mean values of water temperature, bottom, in spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004–March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

WATER TEMPERATURE, IN DEGREES CELSIUS, BOTTOM
MAY TO AUGUST 2005
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	MAY			JUNE			JULY			AUGUST		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.1	8.1	8.1	9.8	9.8	9.8	11.2	11.2	11.2	---	---	---
2	8.2	8.1	8.1	9.8	9.8	9.8	11.3	11.2	11.2	---	---	---
3	8.2	8.1	8.2	9.9	9.8	9.9	11.3	11.3	11.3	13.2	13.1	13.2
4	8.2	8.2	8.2	9.9	9.9	9.9	11.4	11.3	11.3	13.2	13.2	13.2
5	8.3	8.2	8.2	10.0	9.9	9.9	11.4	11.4	11.4	13.3	13.2	13.3
6	8.3	8.3	8.3	10.0	10.0	10.0	11.5	11.4	11.5	13.4	13.3	13.3
7	8.4	8.3	8.4	10.0	10.0	10.0	11.6	11.5	11.5	13.4	13.4	13.4
8	8.6	8.4	8.5	10.2	10.0	10.1	11.6	11.6	11.6	13.5	13.4	13.4
9	8.7	8.6	8.6	10.2	10.1	10.1	11.7	11.6	11.6	13.5	13.5	13.5
10	8.8	8.7	8.7	10.2	10.2	10.2	11.7	11.7	11.7	13.6	13.5	13.6
11	8.8	8.8	8.8	10.2	10.2	10.2	11.8	11.7	11.8	13.7	13.6	13.6
12	8.9	8.8	8.8	10.3	10.2	10.3	11.8	11.8	11.8	13.7	13.7	13.7
13	8.9	8.9	8.9	10.3	10.3	10.3	11.9	11.8	11.9	13.8	13.7	13.8
14	9.0	8.9	8.9	10.4	10.3	10.4	12.0	11.9	11.9	13.8	13.8	13.8
15	9.0	8.9	9.0	10.4	10.4	10.4	---	---	---	13.9	13.8	13.9
16	9.1	9.0	9.0	10.5	10.4	10.5	---	---	---	14.0	13.9	13.9
17	9.1	9.0	9.1	10.6	10.5	10.5	---	---	---	14.0	13.9	14.0
18	9.2	9.1	9.1	10.6	10.6	10.6	---	---	---	14.1	14.0	14.0
19	9.2	9.2	9.2	10.7	10.6	10.6	---	---	---	14.1	14.1	14.1
20	9.2	9.2	9.2	10.7	10.6	10.7	---	---	---	14.2	14.1	14.2
21	9.3	9.2	9.2	10.7	10.7	10.7	---	---	---	14.3	14.2	14.2
22	9.3	9.3	9.3	10.8	10.7	10.8	---	---	---	14.3	14.3	14.3
23	9.4	9.3	9.4	10.8	10.8	10.8	---	---	---	14.4	14.3	14.4
24	9.4	9.4	9.4	10.9	10.8	10.8	---	---	---	14.4	14.4	14.4
25	9.5	9.4	9.4	10.9	10.9	10.9	---	---	---	14.5	14.4	14.5
26	9.5	9.5	9.5	11.0	10.9	10.9	---	---	---	14.6	14.5	14.5
27	9.6	9.5	9.6	11.0	11.0	11.0	---	---	---	14.6	14.5	14.6
28	9.6	9.6	9.6	11.0	11.0	11.0	---	---	---	14.7	14.6	14.6
29	9.6	9.6	9.6	11.1	11.0	11.1	---	---	---	14.7	14.7	14.7
30	9.7	9.6	9.7	11.2	11.1	11.1	---	---	---	14.8	14.7	14.8
31	9.8	9.7	9.7	---	---	---	---	---	---	14.9	14.8	14.8
MONTH	9.8	8.1	9.0	11.2	9.8	10.4	---	---	---	---	---	---

Appendix 12. Daily maximum, minimum, and mean values of water temperature, bottom, in spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004–March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

WATER TEMPERATURE, IN DEGREES CELSIUS, BOTTOM
SEPTEMBER TO DECEMBER 2005
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	14.9	14.9	14.9	16.2	16.1	16.2	---	---	---	8.7	8.6	8.6
2	15.0	14.9	15.0	16.2	16.2	16.2	12.1	12.0	12.1	8.8	8.7	8.7
3	15.1	15.0	15.0	16.3	16.2	16.2	12.2	11.9	12.0	8.7	8.2	8.4
4	15.1	15.0	15.0	16.3	16.2	16.3	11.9	11.7	11.7	8.3	8.2	8.2
5	15.1	15.0	15.1	16.3	16.3	16.3	11.8	11.7	11.8	8.4	8.3	8.3
6	15.2	15.1	15.2	16.4	16.3	16.3	11.9	11.8	11.8	8.5	8.3	8.4
7	15.2	15.2	15.2	16.4	16.3	16.4	12.0	11.9	11.9	8.3	7.6	7.9
8	15.3	15.2	15.2	16.4	16.4	16.4	12.0	12.0	12.0	7.6	7.3	7.4
9	15.4	15.3	15.3	16.4	16.4	16.4	12.1	12.0	12.1	7.3	7.2	7.3
10	15.4	15.3	15.4	16.5	16.4	16.4	12.2	12.1	12.1	7.2	6.8	6.9
11	15.4	15.3	15.4	16.5	16.4	16.4	12.2	11.9	12.2	6.9	6.7	6.8
12	15.5	15.4	15.5	16.5	16.4	16.5	11.9	11.4	11.5	6.7	6.5	6.5
13	15.6	15.5	15.5	16.5	16.4	16.5	11.4	11.1	11.2	6.5	6.0	6.3
14	15.6	15.6	15.6	16.5	16.5	16.5	11.3	11.2	11.2	6.0	5.6	5.7
15	15.7	15.6	15.7	16.5	16.5	16.5	11.3	11.3	11.3	5.6	5.5	5.5
16	15.7	15.6	15.7	16.5	16.5	16.5	11.4	11.3	11.4	5.7	5.6	5.6
17	15.8	15.7	15.8	16.6	16.5	16.5	11.5	11.4	11.5	5.8	5.7	5.8
18	15.8	15.7	15.8	16.6	16.5	16.5	11.5	10.9	11.3	6.0	5.8	5.9
19	15.8	15.8	15.8	16.5	16.4	16.4	10.9	10.2	10.4	6.1	6.0	6.0
20	15.9	15.8	15.8	16.4	16.4	16.4	10.2	9.9	10	6.1	5.5	5.7
21	15.9	15.8	15.9	16.4	16.3	16.3	10.1	10.0	10.1	5.5	5.1	5.3
22	15.9	15.9	15.9	16.3	16.3	16.3	10.3	10.1	10.2	5.1	4.7	4.9
23	15.9	15.9	15.9	16.3	16.2	16.2	10.3	9.8	10.1	4.7	4.4	4.5
24	16.0	15.9	15.9	16.2	16.2	16.2	9.8	9.6	9.7	4.4	4.2	4.3
25	16.0	15.9	16.0	16.2	15.9	16.2	9.7	8.8	9.2	4.3	4.3	4.3
26	16.0	16.0	16.0	15.9	15.1	15.4	8.8	8.3	8.5	4.4	4.3	4.4
27	16.1	16.0	16.1	15.1	14.7	14.8	8.3	8.1	8.1	4.6	4.4	4.5
28	16.1	16.1	16.1	14.7	14.1	14.5	8.3	8.2	8.2	4.6	4.4	4.5
29	16.2	16.1	16.1	14.1	13.3	13.7	8.4	8.3	8.4	4.6	4.5	4.6
30	16.2	16.1	16.2	13.3	12.6	12.8	8.6	8.4	8.5	4.7	4.6	4.7
31	---	---	---	---	---	---	---	---	---	4.9	4.7	4.8
MONTH	16.2	14.9	15.6	---	---	---	---	---	---	8.8	4.2	6.2

Appendix 12. Daily maximum, minimum, and mean values of water temperature, bottom, in spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004—March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

WATER TEMPERATURE, IN DEGREES CELSIUS, BOTTOM
 JANUARY TO MARCH 2006
 DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	JANUARY			FEBRUARY			MARCH		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5.0	4.9	4.9	5.9	5.8	5.8	5.3	5.2	5.2
2	5.1	5.0	5.0	6.0	5.9	5.9	5.4	5.3	5.3
3	5.2	5.1	5.2	6.1	6.0	6.0	5.5	5.4	5.4
4	5.3	5.2	5.3	6.2	6.1	6.1	5.6	5.5	5.5
5	5.5	5.3	5.4	6.3	6.2	6.2	5.6	5.6	5.6
6	5.6	5.5	5.5	6.3	6.2	6.3	5.7	5.6	5.6
7	5.7	5.6	5.6	6.3	6.3	6.3	5.7	5.6	5.7
8	5.7	5.2	5.3	6.3	6.1	6.1	5.7	5.5	5.6
9	5.3	5.2	5.3	6.1	5.7	5.8	5.7	5.6	5.6
10	5.3	5.3	5.3	5.7	5.3	5.4	5.7	5.7	5.7
11	5.4	5.3	5.4	5.4	5.3	5.4	5.8	5.7	5.8
12	5.5	5.4	5.5	5.5	5.4	5.4	5.9	5.8	5.8
13	5.7	5.5	5.6	5.4	5.0	5.1	6.0	5.9	5.9
14	5.8	5.6	5.7	5.0	4.6	4.7	---	---	---
15	5.9	5.8	5.8	4.7	4.6	4.6	---	---	---
16	5.9	5.8	5.8	4.8	4.7	4.7	---	---	---
17	5.8	5.8	5.8	4.9	4.8	4.8	---	---	---
18	5.9	5.8	5.9	5.0	4.9	5.0	---	---	---
19	6.0	5.9	6.0	5.2	5.0	5.1	---	---	---
20	6.0	5.9	6.0	5.2	5.1	5.1	---	---	---
21	6.1	6.0	6.0	5.1	5.0	5.0	---	---	---
22	6.2	6.1	6.1	5.2	5.1	5.1	---	---	---
23	6.3	6.2	6.2	5.2	5.2	5.2	---	---	---
24	6.4	6.3	6.3	5.3	5.2	5.3	---	---	---
25	6.4	6.3	6.4	5.4	5.3	5.4	---	---	---
26	6.5	6.4	6.5	5.5	5.4	5.4	---	---	---
27	6.4	5.9	6.1	5.4	5.1	5.2	---	---	---
28	5.9	5.5	5.6	5.2	5.2	5.2	---	---	---
29	5.6	5.5	5.6	---	---	---	---	---	---
30	5.7	5.6	5.6	---	---	---	---	---	---
31	5.8	5.7	5.7	---	---	---	---	---	---
MONTH	6.5	4.9	5.7	6.3	4.6	5.4	---	---	---

Appendix 13. Daily maximum, minimum, and mean values of specific conductance, bottom, in spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004—March 2006.

[MAX, maximum; MIN, minimum; ---, no data]

SPECIFIC CONDUCTANCE, IN MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, BOTTOM
APRIL TO JUNE 2004
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	APRIL			MAY			JUNE		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	615	596	606	718	696	705
2	---	---	---	619	599	608	714	700	709
3	---	---	---	620	596	610	714	707	710
4	---	---	---	624	582	610	720	704	707
5	---	---	---	623	605	615	714	707	711
6	---	---	---	629	611	622	718	707	711
7	---	---	---	631	616	624	718	708	712
8	---	---	---	634	595	619	716	706	711
9	---	---	---	640	623	630	724	708	713
10	---	---	---	643	618	634	736	715	724
11	---	---	---	644	611	634	728	694	721
12	---	---	---	638	622	632	741	714	729
13	---	---	---	645	628	638	730	722	727
14	---	---	---	649	632	643	737	723	728
15	---	---	---	651	626	644	737	728	732
16	---	---	---	656	629	648	741	728	732
17	---	---	---	660	648	655	743	729	735
18	---	---	---	661	638	654	757	735	742
19	---	---	---	664	625	655	748	735	740
20	---	---	---	671	656	664	757	739	748
21	---	---	---	675	652	669	750	741	746
22	---	---	---	680	634	674	763	746	749
23	---	---	---	680	651	673	773	747	753
24	600	554	587	683	657	677	764	749	754
25	603	587	595	687	667	681	770	748	754
26	608	581	596	689	657	683	771	752	758
27	598	564	587	694	681	689	759	749	755
28	643	565	597	696	667	690	761	749	756
29	624	591	599	707	679	697	767	753	759
30	615	593	601	711	697	700	767	762	764
31	---	---	---	711	698	703	---	---	---
MONTH	---	---	---	711	582	651	773	694	733

Appendix 13. Daily maximum, minimum, and mean values of specific conductance, bottom, in spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004—March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

SPECIFIC CONDUCTANCE, IN MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, BOTTOM
 JULY TO SEPTEMBER 2004
 DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	776	762	765	818	809	814	846	840	843
2	772	760	766	825	814	818	850	833	843
3	775	761	766	827	807	819	850	834	844
4	775	765	768	829	816	822	852	832	844
5	794	771	777	833	818	826	852	833	845
6	788	770	774	830	818	825	849	843	846
7	787	769	773	835	824	830	847	841	843
8	793	779	783	837	824	830	851	840	844
9	796	781	785	837	826	832	850	835	846
10	802	785	789	838	827	832	855	837	847
11	793	781	786	836	827	832	853	846	850
12	796	778	786	838	825	830	853	836	846
13	799	784	791	840	821	832	857	843	850
14	808	790	796	837	815	832	852	842	848
15	807	792	798	840	829	835	851	837	846
16	805	789	794	836	828	834	851	844	848
17	799	790	794	840	829	835	852	837	846
18	807	795	800	839	831	835	849	836	843
19	801	795	799	841	832	838	843	828	833
20	801	790	797	849	824	836	843	825	837
21	803	793	798	830	819	827	845	830	840
22	804	791	799	838	820	830	846	833	839
23	805	794	800	841	830	838	845	833	837
24	806	790	802	847	834	842	844	832	836
25	807	796	803	852	835	843	840	832	836
26	808	797	802	846	833	840	840	832	836
27	809	796	805	847	836	842	837	830	834
28	813	804	810	844	835	839	843	826	836
29	814	803	810	847	838	842	842	829	833
30	816	807	811	852	832	844	837	826	831
31	815	807	812	849	839	844	---	---	---
MONTH	816	760	792	852	807	833	857	825	842

Appendix 13. Daily maximum, minimum, and mean values of specific conductance, bottom, in spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004—March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

SPECIFIC CONDUCTANCE, IN MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, BOTTOM
OCTOBER TO DECEMBER 2004
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	OCTOBER			NOVEMBER			DECEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	835	825	830	430	413	423	302	299	301
2	834	826	831	436	423	428	304	299	302
3	840	831	835	446	398	435	306	301	304
4	837	829	832	466	435	442	308	303	305
5	846	831	835	459	436	452	308	304	306
6	839	832	835	467	305	390	308	305	306
7	840	832	834	312	304	308	308	305	307
8	839	832	835	326	304	310	308	304	306
9	838	830	834	317	310	314	306	304	305
10	834	826	828	318	309	314	307	305	306
11	830	820	825	318	308	313	307	304	306
12	824	808	817	312	309	310	304	302	303
13	808	775	792	318	312	316	305	303	304
14	778	763	769	319	305	309	310	304	307
15	768	759	763	312	305	308	312	309	311
16	765	741	754	312	306	309	314	311	312
17	745	693	730	313	302	309	314	311	313
18	757	703	718	311	307	309	311	309	310
19	716	702	707	310	308	309	315	310	312
20	716	702	707	310	308	309	318	312	316
21	732	690	711	313	309	310	319	317	318
22	712	683	703	311	308	310	318	316	317
23	713	671	703	312	310	310	318	315	316
24	710	662	682	313	310	312	318	315	317
25	689	538	605	314	310	312	316	313	315
26	602	491	554	316	309	313	317	312	315
27	546	304	388	312	309	310	316	311	314
28	430	329	397	311	308	309	316	313	315
29	451	303	369	309	296	307	318	314	315
30	416	386	402	300	295	298	315	312	314
31	426	392	415	---	---	---	313	311	312
MONTH	846	303	705	467	295	334	319	299	310

Appendix 13. Daily maximum, minimum, and mean values of specific conductance, bottom, in spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004–March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

SPECIFIC CONDUCTANCE, IN MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, BOTTOM
 JANUARY TO APRIL 2005
 DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	JANUARY			FEBRUARY			MARCH			APRIL		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	312	310	311	308	306	307	300	298	299	285	278	281
2	310	309	310	307	304	306	299	294	297	286	282	284
3	309	308	309	305	303	304	297	277	287	287	283	285
4	311	307	309	305	304	304	291	283	285	285	282	284
5	313	305	309	305	303	304	294	284	290	283	279	281
6	313	309	311	305	303	304	293	282	287	284	280	282
7	312	309	311	304	302	303	293	281	284	285	283	284
8	312	309	310	303	301	302	300	284	293	285	283	283
9	311	309	310	305	302	303	293	289	291	285	283	284
10	310	308	309	305	301	303	293	290	291	284	282	283
11	309	308	308	305	303	304	292	289	291	285	281	283
12	310	308	308	306	302	304	294	287	290	284	282	284
13	310	308	309	305	298	301	293	288	290	286	284	285
14	310	309	310	302	299	301	293	289	291	286	284	285
15	311	309	310	301	299	300	292	291	292	294	284	288
16	311	310	310	305	292	300	294	291	292	294	288	290
17	312	310	311	300	296	297	294	288	293	291	287	289
18	311	298	302	301	297	299	292	278	289	289	286	287
19	306	298	302	301	292	296	291	289	290	288	286	287
20	306	301	303	296	290	292	291	289	290	---	---	---
21	307	301	305	300	289	294	292	290	291	290	286	288
22	307	300	302	300	295	297	291	290	291	289	285	288
23	309	305	307	301	294	297	292	289	290	298	288	291
24	306	302	304	302	297	300	289	288	289	298	291	294
25	305	302	304	301	299	300	290	288	289	298	290	294
26	309	305	307	300	298	299	290	288	288	302	293	298
27	316	306	309	300	298	299	288	287	287	296	291	294
28	309	307	308	301	298	299	288	282	286	294	289	291
29	308	307	307	---	---	---	291	278	284	293	288	291
30	309	307	308	---	---	---	285	278	282	298	291	293
31	310	308	309	---	---	---	284	278	280	---	---	---
MONTH	316	298	308	308	289	301	300	277	289	---	---	---

Appendix 13. Daily maximum, minimum, and mean values of specific conductance, bottom, in spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004–March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

SPECIFIC CONDUCTANCE, IN MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, BOTTOM
 SEPTEMBER TO DECEMBER 2005
 DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	455	452	454	479	474	477	---	---	---	242	238	240
2	458	453	455	483	477	480	254	249	252	241	238	239
3	463	456	459	481	476	480	256	250	253	240	237	238
4	462	455	459	483	479	481	256	251	255	242	237	239
5	464	457	461	481	477	479	255	250	252	241	236	238
6	464	458	462	479	476	477	254	251	252	239	234	237
7	466	459	463	482	475	478	254	251	252	240	236	238
8	466	457	462	482	476	479	253	250	251	241	238	240
9	467	460	463	479	476	478	253	249	251	242	237	240
10	467	460	463	481	477	478	253	251	252	241	238	240
11	468	462	465	481	476	479	256	250	252	244	239	241
12	468	463	465	485	479	481	253	248	251	244	240	242
13	464	462	463	492	480	485	253	249	251	245	240	244
14	469	462	464	488	479	484	251	248	249	246	242	244
15	473	461	466	491	480	487	250	247	248	245	241	242
16	476	460	468	491	484	489	251	247	249	247	242	244
17	473	469	471	491	483	489	252	248	250	244	241	243
18	474	469	471	493	465	487	251	249	250	244	240	242
19	473	471	472	485	469	482	253	247	250	241	238	239
20	474	471	472	485	474	481	252	247	250	241	235	238
21	475	471	473	480	474	478	252	248	250	242	239	241
22	474	471	473	477	461	469	253	250	251	242	239	241
23	475	471	473	463	454	460	252	242	246	242	240	241
24	475	470	472	461	451	458	245	241	244	243	241	242
25	477	470	472	454	255	418	245	242	244	244	241	243
26	476	471	473	278	243	248	243	240	242	245	243	244
27	474	468	472	249	243	247	244	240	242	244	240	242
28	477	472	475	250	244	248	243	240	241	244	240	242
29	477	473	475	252	247	250	243	240	241	243	241	242
30	480	473	477	253	249	251	242	238	240	242	238	240
31	---	---	---	---	---	---	---	---	---	242	237	239
MONTH	480	452	467	---	---	---	---	---	---	247	234	241

Appendix 13. Daily maximum, minimum, and mean values of specific conductance, bottom, in spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004—March 2006. — Continued

[MAX, maximum; MIN, minimum; ---, no data]

SPECIFIC CONDUCTANCE, IN MICROSIEMENS PER CENTIMETER
AT 25 DEGREES CELSIUS, BOTTOM
JANUARY TO MARCH 2006
DAILY MAXIMUM, MINIMUM, AND MEAN VALUES

DAY	JANUARY			FEBRUARY			MARCH		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	239	236	237	230	228	229	244	239	242
2	237	236	237	229	227	228	248	243	245
3	239	235	237	231	227	229	248	246	247
4	238	233	235	230	227	228	249	245	247
5	235	233	234	230	227	229	249	244	246
6	236	233	235	232	225	229	249	246	247
7	233	230	231	232	230	231	251	245	248
8	234	229	231	235	230	234	249	245	247
9	233	229	231	236	234	235	251	245	248
10	232	228	230	236	233	235	252	246	249
11	232	218	226	238	235	236	252	249	250
12	229	225	227	239	234	236	251	249	250
13	230	227	227	237	234	235	252	249	250
14	229	228	229	239	236	238	---	---	---
15	229	225	227	240	237	239	---	---	---
16	228	222	224	241	238	239	---	---	---
17	229	222	224	241	238	239	---	---	---
18	230	226	229	241	238	240	---	---	---
19	228	226	227	240	236	239	---	---	---
20	229	224	226	242	236	239	---	---	---
21	229	224	226	242	239	239	---	---	---
22	229	226	228	242	240	241	---	---	---
23	229	225	227	243	241	242	---	---	---
24	228	225	227	245	241	243	---	---	---
25	228	226	227	245	242	243	---	---	---
26	228	223	225	245	239	243	---	---	---
27	230	225	228	245	238	240	---	---	---
28	232	226	229	243	237	240	---	---	---
29	232	229	231	---	---	---	---	---	---
30	231	229	230	---	---	---	---	---	---
31	233	229	230	---	---	---	---	---	---
MONTH	239	218	229	245	225	236	---	---	---

Appendix 14. Daily mean water levels in TY-089 Buckridge well SR100 (U.S. Geological Survey site identification 354428076044302) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006.

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
FEBRUARY TO DECEMBER 2004
DAILY MEAN VALUES

DAY	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	---	1.19	1.12	1.01	0.88	0.97	1.17	1.15	1.09	0.90	1.09
2	---	1.18	1.11	1.10	0.85	0.94	1.16	1.13	1.08	0.89	1.07
3	---	1.17	1.09	1.33	0.82	0.93	1.23	1.11	1.12	0.88	1.06
4	---	1.16	1.08	1.37	0.85	0.92	1.32	1.09	1.14	0.88	1.05
5	---	1.16	1.06	1.32	0.94	0.90	1.31	1.07	1.19	0.89	1.04
6	---	1.15	1.05	1.29	0.91	0.87	1.31	1.06	1.16	0.87	1.03
7	---	1.14	1.05	1.26	1.05	0.84	1.27	1.05	1.14	0.86	1.02
8	---	1.13	1.05	1.23	1.06	0.81	1.23	1.07	1.12	0.84	1.01
9	---	1.12	1.03	1.21	1.04	0.78	1.19	1.11	1.10	0.83	1.01
10	---	1.13	1.02	1.19	1.01	0.75	1.16	1.10	1.09	0.81	1.18
11	---	1.15	1.03	1.17	1.03	0.73	1.13	1.08	1.07	0.80	1.21
12	---	1.14	1.10	1.15	1.13	0.71	1.11	1.06	1.05	0.81	1.18
13	---	1.13	1.13	1.13	1.11	0.71	1.31	1.04	1.04	0.95	1.16
14	---	1.12	1.16	1.10	1.08	0.70	1.38	1.02	1.03	0.94	1.14
15	---	1.12	1.16	1.08	1.04	0.66	1.42	1.07	1.04	0.93	1.12
16	---	1.20	1.14	1.06	1.01	0.63	1.39	1.14	1.05	0.92	1.10
17	---	1.23	1.13	1.04	1.00	0.60	1.34	1.14	1.03	0.91	1.09
18	---	1.23	1.10	1.01	0.98	0.61	1.30	1.16	1.01	0.91	1.09
19	---	1.21	1.09	0.99	0.96	0.60	1.26	1.17	1.03	0.90	1.09
20	---	1.20	1.07	0.98	0.94	0.61	1.23	1.20	1.04	0.89	1.08
21	---	1.18	1.06	0.96	0.91	0.61	1.21	1.21	1.03	0.89	1.07
22	---	1.17	1.04	1.02	0.89	0.59	1.21	1.19	1.02	0.88	1.06
23	---	1.15	1.03	1.13	0.87	0.58	1.18	1.17	1.01	0.89	1.07
24	---	1.13	1.02	1.10	0.84	0.92	1.16	1.15	0.99	0.89	1.08
25	---	1.12	1.01	1.07	0.83	0.94	1.13	1.13	0.98	0.95	1.07
26	---	1.10	1.00	1.04	0.89	1.06	1.11	1.11	0.97	0.94	1.13
27	1.20	1.09	1.07	1.02	0.87	1.07	1.08	1.11	0.96	0.96	1.16
28	1.19	1.08	1.05	0.98	0.93	1.14	1.10	1.13	0.95	1.12	1.14
29	1.20	1.07	1.03	0.95	1.02	1.19	1.14	1.12	0.94	1.11	1.13
30	---	1.07	1.02	0.92	1.00	1.18	1.12	1.11	0.93	1.10	1.12
31	---	1.10	---	0.90	---	1.18	1.11	---	0.92	---	1.11
MEAN	---	1.15	1.07	1.10	0.96	0.83	1.22	1.11	1.04	0.91	1.10
MAX	---	1.23	1.16	1.37	1.13	1.19	1.42	1.21	1.19	1.12	1.21
MIN	---	1.07	1.00	0.90	0.82	0.58	1.08	1.02	0.92	0.80	1.01

Appendix 14. Daily mean water levels in TY-089 Buckridge well SR100 (U.S. Geological Survey site identification 354428076044302) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006.
— Continued

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
JANUARY TO DECEMBER 2005
DAILY MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1.10	1.17	1.20	1.26	1.28	1.02	1.43	---	---	0.67	---	1.13
2	1.09	1.15	1.18	1.35	1.29	1.14	1.39	---	---	0.64	---	1.11
3	1.08	1.14	1.16	1.37	1.26	1.22	1.34	---	---	0.62	1.13	1.09
4	1.07	1.14	1.15	1.34	1.24	1.22	1.30	---	---	0.61	1.11	1.12
5	1.07	1.13	1.13	1.31	1.22	1.20	1.26	---	---	0.61	1.08	1.18
6	1.06	1.12	1.12	1.29	1.45	1.18	1.23	---	---	0.61	1.06	1.18
7	1.05	1.11	1.11	1.27	1.70	1.16	1.19	---	---	0.66	1.04	1.17
8	1.04	1.10	1.10	1.27	1.58	1.13	1.16	---	0.68	1.07	1.02	1.15
9	1.03	1.09	1.09	1.26	1.51	1.13	1.12	---	0.66	1.19	1.00	1.16
10	1.02	1.09	1.08	1.24	1.46	1.11	1.09	---	0.63	1.26	0.98	1.15
11	1.01	1.07	1.07	1.23	1.42	1.08	1.05	---	0.61	1.29	0.96	1.14
12	1.00	1.06	1.07	1.22	1.39	1.06	1.02	---	0.59	1.27	0.93	1.12
13	0.99	1.05	1.06	1.29	1.36	1.03	1.03	---	0.58	1.24	0.91	1.11
14	1.08	1.05	1.09	1.32	1.34	1.00	1.04	---	0.59	1.22	0.90	1.09
15	1.18	1.08	1.09	1.30	1.32	0.97	---	---	0.70	1.19	0.89	1.10
16	1.21	1.07	1.10	1.29	---	0.94	---	---	0.80	1.16	0.88	1.19
17	1.22	1.06	1.17	1.28	1.28	0.91	---	---	0.81	1.13	0.88	1.18
18	1.19	1.05	1.21	1.27	1.25	0.88	---	---	0.84	1.11	0.87	1.22
19	1.18	1.04	1.20	1.25	1.23	0.85	---	---	0.89	1.08	0.84	1.23
20	1.17	1.03	1.19	1.23	1.23	0.82	---	---	0.87	1.06	0.82	1.21
21	1.16	1.02	1.18	1.21	1.22	0.79	---	---	0.86	1.05	0.98	1.19
22	1.15	1.02	1.16	1.20	1.20	0.76	---	---	0.84	---	1.16	1.17
23	1.15	1.01	1.17	1.19	1.18	0.74	---	---	0.81	---	1.14	1.15
24	1.12	1.07	1.19	1.18	1.16	0.71	---	---	0.79	---	1.13	1.14
25	1.12	1.11	1.18	1.16	1.15	0.68	---	---	0.77	---	1.10	1.14
26	1.11	1.10	1.17	1.15	1.13	0.84	---	---	0.75	---	1.08	1.15
27	1.10	1.09	1.15	1.18	1.11	0.95	---	---	0.75	---	1.06	1.13
28	1.08	1.19	1.25	1.16	1.09	0.96	---	---	0.73	---	1.05	1.12
29	1.07	---	1.31	1.15	1.09	1.24	---	---	0.70	---	1.04	1.14
30	1.15	---	1.29	1.14	1.06	1.34	---	---	0.70	---	1.13	1.14
31	1.18	---	1.27	---	1.04	---	---	---	---	---	---	1.13
MEAN	1.10	1.09	1.16	1.25	---	1.00	---	---	---	---	---	1.15
MAX	1.22	1.19	1.31	1.37	---	1.34	---	---	---	---	---	1.23
MIN	0.99	1.01	1.06	1.14	---	0.68	---	---	---	---	---	1.09

Appendix 14. Daily mean water levels in TY-089 Buckridge well SR100 (U.S. Geological Survey site identification 354428076044302) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006. — Continued

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
JANUARY TO MARCH 2006
DAILY MEAN VALUES

DAY	JAN	FEB	MAR
1	1.11	1.01	0.75
2	1.11	0.99	0.73
3	1.20	0.99	0.74
4	1.19	0.98	0.72
5	1.18	0.98	0.69
6	1.17	0.97	0.67
7	1.15	0.96	0.67
8	1.13	0.94	0.65
9	1.12	0.92	0.63
10	1.10	0.90	0.62
11	1.08	0.89	0.61
12	1.07	0.90	0.59
13	1.05	0.88	0.58
14	1.09	0.86	0.57
15	1.09	0.84	---
16	1.07	0.82	---
17	1.05	0.80	---
18	1.05	0.79	---
19	1.03	0.79	---
20	1.01	0.77	---
21	1.00	0.75	---
22	1.01	0.74	---
23	1.01	0.82	---
24	1.06	0.82	---
25	1.06	0.80	---
26	1.04	0.80	---
27	1.01	0.79	---
28	0.99	0.77	---
29	0.97	---	---
30	0.96	---	---
31	1.00	---	---
MEAN	1.07	0.87	---
MAX	1.20	1.01	---
MIN	0.96	0.74	---

Appendix 15. Daily mean water levels in TY-090 Buckridge well SR45 (U.S. Geological Survey site identification 354428076044303) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006.

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
FEBRUARY TO DECEMBER 2004
DAILY MEAN VALUES

DAY	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	---	1.21	1.10	1.00	0.87	0.96	1.17	1.15	1.09	0.90	1.07
2	---	1.20	1.09	1.10	0.84	0.93	1.16	1.13	1.08	0.89	1.06
3	---	1.19	1.08	1.33	0.81	0.92	1.24	1.11	1.12	0.88	1.05
4	---	1.19	1.07	1.36	0.85	0.92	1.32	1.09	1.13	0.88	1.05
5	---	1.18	1.05	1.31	0.94	0.89	1.32	1.07	1.19	0.88	1.04
6	---	1.17	1.04	1.28	0.91	0.86	1.32	1.05	1.17	0.87	1.03
7	---	1.17	1.03	1.25	1.06	0.83	1.28	1.04	1.13	0.85	1.02
8	---	1.15	1.02	1.22	1.07	0.80	1.24	1.06	1.11	0.84	1.02
9	---	1.13	1.01	1.20	1.04	0.77	1.20	1.09	1.09	0.82	1.02
10	---	1.14	0.99	1.18	1.01	0.74	1.17	1.09	1.08	0.81	1.18
11	---	1.17	1.01	1.16	1.04	0.71	1.13	1.08	1.06	0.80	1.21
12	---	1.16	1.08	1.14	1.14	0.69	1.11	1.06	1.04	0.81	1.19
13	---	1.14	1.10	1.12	1.11	0.69	1.31	1.04	1.02	0.95	1.17
14	---	1.13	1.14	1.10	1.09	0.68	1.38	1.02	1.02	0.93	1.15
15	---	1.13	1.13	1.08	1.05	0.65	1.42	1.06	1.03	0.92	1.12
16	---	1.21	1.11	1.05	1.01	0.62	1.39	1.14	1.04	0.90	1.10
17	---	1.24	1.09	1.03	0.99	0.59	1.34	1.13	1.01	0.90	1.09
18	---	1.22	1.08	1.01	0.97	0.59	1.30	1.16	0.99	0.89	1.10
19	---	1.21	1.08	0.99	0.94	0.60	1.26	1.16	1.01	0.88	1.09
20	---	1.20	1.07	0.98	0.92	0.61	1.23	1.20	1.02	0.88	1.08
21	---	1.19	1.06	0.96	0.89	0.60	1.21	1.21	1.02	0.87	1.08
22	---	1.16	1.04	1.03	0.87	0.58	1.21	1.19	1.02	0.86	1.08
23	---	1.15	1.03	1.13	0.85	0.57	1.18	1.17	1.00	0.87	1.10
24	---	1.14	1.02	1.10	0.82	0.92	1.16	1.14	0.99	0.88	1.11
25	---	---	1.00	1.07	0.81	0.94	1.13	1.12	0.98	0.93	1.10
26	---	1.10	0.99	1.04	0.87	1.07	1.11	1.10	0.97	0.93	1.16
27	1.23	1.09	1.06	1.01	0.85	1.08	1.08	1.10	0.96	0.94	1.19
28	1.22	1.08	1.04	0.98	0.91	1.15	1.10	1.13	0.94	1.10	1.18
29	1.22	1.07	1.02	0.94	1.00	1.20	1.13	1.12	0.93	1.10	1.17
30	---	1.06	1.01	0.92	0.98	1.18	1.11	1.10	0.93	1.08	1.16
31	---	1.08	---	0.90	---	1.17	1.11	---	0.91	---	1.16
MEAN	---	---	1.05	1.10	0.95	0.82	1.22	1.11	1.03	0.90	1.11
MAX	---	---	1.14	1.36	1.14	1.20	1.42	1.21	1.19	1.10	1.21
MIN	---	---	0.99	0.90	0.81	0.57	1.08	1.02	0.91	0.80	1.02

Appendix 15. Daily mean water levels in TY-090 Buckridge well SR45 (U.S. Geological Survey site identification 354428076044303) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006.
— Continued

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
JANUARY TO DECEMBER 2005
DAILY MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1.15	1.18	1.21	1.29	1.30	1.04	1.43	---	---	0.61	---	1.12
2	1.13	1.17	1.19	1.37	1.30	1.16	1.39	---	---	0.57	---	1.10
3	1.13	1.16	1.18	1.39	1.28	1.25	1.34	1.33	---	0.54	1.10	1.08
4	1.12	1.16	1.16	1.36	1.25	1.25	1.30	1.29	---	0.52	1.08	1.11
5	1.11	1.14	1.15	1.34	1.23	1.23	1.26	1.25	---	0.52	1.06	1.18
6	1.10	1.13	1.13	1.32	1.47	1.20	1.23	1.21	---	0.52	1.04	1.18
7	1.08	1.11	1.12	1.30	1.71	1.18	1.19	1.17	---	0.59	1.02	1.16
8	1.08	1.10	1.11	1.30	1.60	1.15	1.15	1.14	0.59	1.05	0.99	1.14
9	1.06	1.09	1.10	1.29	1.52	1.14	1.12	1.11	0.57	1.18	0.97	1.15
10	1.06	1.09	1.09	1.27	1.47	1.12	1.08	1.09	0.55	1.24	0.96	1.14
11	1.05	1.07	1.08	1.25	1.44	1.09	1.05	1.06	0.52	1.27	0.94	1.13
12	1.04	1.06	1.08	1.24	1.41	1.06	1.01	1.03	0.48	1.25	0.91	1.11
13	1.03	1.04	1.07	1.32	1.38	1.03	1.03	1.00	0.47	1.22	0.88	1.10
14	1.11	1.05	1.11	1.34	1.36	1.00	1.03	0.96	0.51	1.20	0.85	1.08
15	1.22	1.08	1.10	1.32	1.34	0.96	1.04	0.93	0.66	1.17	0.83	1.09
16	1.25	1.07	1.11	1.31	---	0.92	1.10	0.93	0.77	1.14	0.81	1.20
17	1.25	1.05	1.19	1.31	1.29	0.88	1.07	1.01	0.77	1.11	0.83	1.18
18	1.23	1.04	1.23	1.29	1.27	0.85	1.04	1.00	0.81	1.08	0.80	1.23
19	1.20	1.02	1.21	1.28	1.25	0.82	1.00	0.97	0.88	1.07	0.76	1.23
20	1.19	1.03	1.21	1.26	1.24	0.80	0.96	0.95	0.85	1.04	0.73	1.22
21	1.18	1.03	1.19	1.24	1.23	0.77	0.93	0.93	0.84	1.02	0.92	1.20
22	1.18	1.02	1.18	1.22	1.21	0.73	0.94	0.99	0.81	---	1.14	1.18
23	1.18	1.02	1.20	1.21	1.18	0.71	1.02	0.99	0.78	---	1.12	1.17
24	1.15	1.09	1.22	1.20	1.16	0.68	1.00	---	0.75	---	1.10	1.15
25	1.14	1.12	1.21	1.18	1.15	0.65	0.96	---	0.72	---	1.08	1.15
26	1.14	1.11	1.20	1.16	1.13	0.82	0.92	---	0.69	---	1.07	1.16
27	1.13	1.10	1.18	1.19	1.11	0.94	0.88	---	0.70	---	1.05	1.14
28	1.11	1.21	1.28	1.17	1.09	0.96	0.86	---	0.67	---	1.04	1.13
29	1.09	---	1.34	1.16	1.09	1.24	1.01	---	0.64	---	1.03	1.14
30	1.17	---	1.32	1.15	1.07	1.35	1.18	---	0.65	---	1.12	1.13
31	1.20	---	1.30	---	1.05	---	1.22	---	---	---	---	1.12
MEAN	1.14	1.09	1.18	1.27	---	1.00	1.09	---	---	---	---	1.15
MAX	1.25	1.21	1.34	1.39	---	1.35	1.43	---	---	---	---	1.23
MIN	1.03	1.02	1.07	1.15	---	0.65	0.86	---	---	---	---	1.08

Appendix 15. Daily mean water levels in TY-090 Buckridge well SR45 (U.S. Geological Survey site identification 354428076044303) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006. — Continued

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
JANUARY TO MARCH 2006
DAILY MEAN VALUES

DAY	JAN	FEB	MAR
1	1.10	0.99	0.67
2	1.11	0.97	0.65
3	1.21	0.97	0.67
4	1.20	0.97	0.65
5	1.19	0.96	0.61
6	1.17	0.95	0.58
7	1.16	0.93	0.58
8	1.14	0.91	0.55
9	1.12	0.88	0.51
10	1.10	0.85	0.50
11	1.09	0.85	0.50
12	1.07	0.87	0.47
13	1.06	0.84	0.45
14	1.09	0.81	0.44
15	1.09	0.78	---
16	1.06	0.76	---
17	1.04	0.74	---
18	1.04	0.74	---
19	1.03	0.73	---
20	1.00	0.69	---
21	0.99	0.66	---
22	1.02	0.63	---
23	1.02	0.76	---
24	1.07	0.77	---
25	1.07	0.74	---
26	1.03	0.76	---
27	1.00	0.73	---
28	0.97	0.69	---
29	0.95	---	---
30	0.94	---	---
31	0.98	---	---
MEAN	1.07	0.82	---
MAX	1.21	0.99	---
MIN	0.94	0.63	---

Appendix 16. Daily mean water levels in TY-091 Buckridge well SR15 (U.S. Geological Survey site identification 354428076044304) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–August 2005.

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
FEBRUARY TO DECEMBER 2004
DAILY MEAN VALUES

DAY	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	---	1.20	1.12	1.01	0.78	0.82	0.95	1.09	0.96	0.84	1.02
2	---	1.18	1.11	1.10	0.74	0.79	0.94	1.07	0.96	0.83	1.00
3	---	1.17	1.10	1.29	0.71	0.78	1.02	1.04	0.99	0.83	0.99
4	---	1.16	1.09	1.34	0.74	0.79	1.06	1.02	1.00	0.83	0.97
5	---	1.15	1.08	1.31	0.83	0.76	1.05	1.00	1.05	0.84	0.96
6	---	1.15	1.06	1.28	0.82	0.73	1.08	0.97	1.03	0.82	0.95
7	---	1.14	1.05	1.26	0.92	0.70	1.05	0.96	1.02	0.81	0.94
8	---	1.14	1.04	1.24	0.94	0.66	1.02	0.98	1.01	0.80	0.93
9	---	1.12	1.03	1.22	0.93	0.65	1.00	1.00	1.00	0.78	0.93
10	---	1.13	1.02	1.19	0.90	0.62	0.99	1.01	0.99	0.77	1.05
11	---	1.16	1.03	1.17	0.91	0.60	0.96	0.99	0.97	0.76	1.08
12	---	1.15	1.10	1.14	0.98	0.58	0.95	0.97	0.96	0.77	1.08
13	---	1.14	1.12	1.12	0.97	0.57	1.12	0.95	0.95	0.90	1.06
14	---	1.12	1.16	1.10	0.95	0.57	1.22	0.93	0.94	0.89	1.05
15	---	1.13	1.15	1.08	0.93	0.54	1.31	0.96	0.94	0.88	1.03
16	---	1.20	1.14	1.04	0.91	0.53	1.31	1.05	0.95	0.87	1.01
17	---	1.24	1.13	1.01	0.89	0.51	1.29	1.03	---	0.86	1.00
18	---	1.23	1.12	0.99	0.86	0.53	1.25	1.04	0.92	0.85	1.00
19	---	1.22	1.11	0.95	0.84	0.54	1.23	1.04	0.93	0.84	0.99
20	---	1.20	1.10	0.93	0.82	0.56	1.20	1.02	0.95	0.84	0.97
21	---	1.19	1.08	0.90	0.80	0.55	1.17	1.01	0.94	0.83	0.95
22	---	1.17	1.07	0.93	0.78	0.54	1.17	1.00	0.93	0.82	0.95
23	---	1.16	1.05	1.02	0.75	0.53	1.15	---	0.92	0.82	0.95
24	---	1.14	1.03	0.99	0.71	0.76	1.12	0.97	0.91	0.83	0.97
25	---	1.14	1.01	0.97	0.69	0.81	1.09	0.96	0.90	0.87	0.96
26	---	1.13	1.00	0.93	0.76	0.90	1.06	0.95	0.90	0.87	1.00
27	1.23	1.12	1.06	0.91	0.74	0.89	1.04	0.96	0.88	0.89	1.04
28	1.22	1.10	1.04	0.88	0.78	0.93	1.05	0.99	0.88	1.05	1.03
29	1.21	1.10	1.03	0.85	0.87	0.97	1.10	0.98	0.87	1.04	1.02
30	---	1.09	1.02	0.83	0.84	---	1.07	0.96	0.86	1.03	1.01
31	---	1.11	---	0.81	---	0.95	1.07	---	0.85	---	0.99
MEAN	---	1.15	1.07	1.06	0.84	---	1.10	---	---	0.86	1.00
MAX	---	1.24	1.16	1.34	0.98	---	1.31	---	---	1.05	1.08
MIN	---	1.09	1.00	0.81	0.69	---	0.94	---	---	0.76	0.93

Appendix 16. Daily mean water levels in TY-091 Buckridge well SR15 (U.S. Geological Survey site identification 354428076044304) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–August 2005.

— Continued

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
JANUARY TO AUGUST 2005
DAILY MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1	0.98	---	---	1.12	1.11	0.88	1.17	---
2	0.97	---	---	1.20	1.12	0.98	1.15	---
3	0.95	---	---	1.24	1.09	1.07	1.12	1.01
4	---	---	---	1.22	1.06	1.07	1.08	0.98
5	---	---	---	1.20	1.04	1.05	1.04	0.94
6	---	---	---	1.18	1.25	1.02	1.00	0.90
7	---	---	---	1.16	1.49	1.00	0.96	0.86
8	---	---	---	1.17	1.48	0.97	0.93	0.83
9	---	---	---	1.16	1.45	---	0.89	0.81
10	---	---	---	1.14	1.42	0.93	0.85	0.81
11	---	---	---	1.12	1.39	0.89	0.80	0.79
12	---	---	---	1.11	1.36	0.86	0.76	0.75
13	---	---	---	1.18	1.33	0.81	0.77	0.71
14	---	---	---	1.22	1.30	0.78	0.77	0.67
15	---	---	---	1.20	1.27	0.74	0.76	0.64
16	---	---	---	1.18	---	0.71	0.80	0.62
17	---	---	---	1.16	1.21	---	0.76	0.65
18	---	---	---	1.14	1.18	0.64	0.73	0.61
19	---	---	---	1.13	1.15	0.60	0.69	0.59
20	---	---	---	1.11	1.14	0.57	0.64	0.58
21	---	---	---	1.09	---	0.53	0.61	0.57
22	---	---	---	1.07	1.09	0.49	0.61	0.64
23	---	---	---	1.06	1.06	0.49	0.69	0.63
24	---	---	---	1.05	1.03	0.45	0.65	---
25	---	---	---	1.03	1.02	0.42	0.61	---
26	---	---	---	1.01	1.00	0.57	0.58	---
27	---	---	---	1.04	0.97	0.70	0.56	---
28	---	---	---	1.02	0.96	0.71	0.55	---
29	---	---	---	1.01	0.96	1.02	0.67	---
30	---	---	---	1.00	0.93	1.12	0.83	---
31	---	---	1.13	---	0.91	---	0.87	---
MEAN	---	---	---	1.12	---	---	0.80	---
MAX	---	---	---	1.24	---	---	1.17	---
MIN	---	---	---	1.00	---	---	0.55	---

Appendix 17. Daily mean water levels in TY-092 Buckridge well SC12 (U.S. Geological Survey site identification 354428076044305) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006.

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
FEBRUARY TO DECEMBER 2004
DAILY MEAN VALUES

DAY	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	---	1.22	1.13	1.02	0.78	0.80	0.96	1.10	0.94	0.83	1.01
2	---	1.21	1.12	1.11	0.75	0.78	0.95	1.07	0.94	0.82	0.99
3	---	1.20	1.11	1.31	0.72	0.78	1.03	1.05	0.98	0.81	0.98
4	---	1.18	1.10	1.36	0.75	0.78	1.07	1.03	1.00	0.82	0.96
5	---	1.18	1.09	1.33	0.84	0.76	1.06	1.00	1.04	0.82	0.94
6	---	1.18	1.08	1.30	0.82	0.73	1.08	0.98	1.01	0.80	0.93
7	---	1.17	1.07	1.26	0.92	0.70	1.06	0.97	1.00	0.79	0.92
8	---	1.16	1.06	1.24	0.93	0.67	1.03	0.99	0.99	0.78	0.91
9	---	1.15	1.05	1.21	0.91	0.64	1.01	1.01	0.98	0.77	0.91
10	---	1.16	1.03	1.19	0.89	0.62	0.99	1.01	0.97	0.76	1.04
11	---	1.17	1.05	1.16	0.91	0.59	0.97	0.99	0.95	0.76	1.07
12	---	1.16	1.12	1.14	0.99	0.57	0.96	0.97	0.94	0.77	1.05
13	---	1.14	1.15	1.12	0.96	0.57	1.14	0.94	0.92	0.90	1.03
14	---	1.13	1.18	1.09	0.93	0.58	1.24	0.92	0.92	0.88	1.02
15	---	1.14	1.18	1.06	0.91	0.55	1.31	0.97	0.93	0.87	1.00
16	---	1.21	1.16	1.03	0.88	0.54	1.32	1.05	0.93	0.86	0.98
17	---	1.25	1.14	1.00	0.86	0.52	1.30	1.03	0.91	0.85	0.97
18	---	1.23	1.13	0.97	0.84	0.54	1.27	1.05	0.89	0.83	0.97
19	---	1.22	1.12	0.94	0.83	0.55	1.24	1.03	0.91	0.83	0.96
20	---	1.20	1.11	0.93	0.81	0.57	1.23	1.01	0.92	0.81	0.95
21	---	1.19	1.09	0.90	0.79	0.57	1.21	0.99	0.92	0.81	0.93
22	---	1.17	1.08	0.94	0.77	0.54	1.20	0.98	0.91	0.80	0.93
23	---	1.16	1.07	1.03	0.75	0.52	1.17	0.97	0.90	0.81	0.93
24	---	1.14	1.05	1.00	0.70	0.77	1.14	0.96	0.89	0.81	0.96
25	---	1.13	1.03	0.98	0.68	0.80	1.11	0.94	0.88	0.86	0.95
26	---	1.11	1.03	0.95	0.74	0.90	1.08	0.93	0.87	0.85	1.00
27	1.26	1.10	1.09	0.93	0.73	0.88	1.06	0.94	0.86	0.87	1.03
28	1.24	1.09	1.06	0.89	0.77	0.93	1.07	0.97	0.86	1.04	1.01
29	1.23	1.09	1.04	0.86	0.85	0.96	1.12	0.97	0.85	1.02	1.00
30	---	1.09	1.03	0.83	0.82	0.95	1.09	0.95	0.85	1.01	0.99
31	---	1.12	---	0.81	---	0.96	1.08	---	0.84	---	0.97
MEAN	---	1.16	1.09	1.06	0.83	0.70	1.11	0.99	0.93	0.84	0.98
MAX	---	1.25	1.18	1.36	0.99	0.96	1.32	1.10	1.04	1.04	1.07
MIN	---	1.09	1.03	0.81	0.68	0.52	0.95	0.92	0.84	0.76	0.91

Appendix 17. Daily mean water levels in TY-092 Buckridge well SC12 (U.S. Geological Survey site identification 354428076044305) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006.
— Continued

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
JANUARY TO DECEMBER 2005
DAILY MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.96	0.95	0.98	1.10	1.11	0.85	1.17	---	---	0.39	---	0.72
2	0.95	0.94	0.97	1.19	1.10	0.97	1.15	---	---	0.34	---	0.69
3	0.94	0.93	0.95	1.22	1.08	1.06	1.12	0.99	---	0.31	0.84	0.65
4	0.92	0.94	0.94	1.20	1.05	1.05	1.08	0.96	---	0.28	0.81	0.67
5	0.91	0.92	0.92	1.18	1.03	1.03	1.04	0.92	---	0.31	0.78	0.77
6	0.90	0.91	0.91	1.16	1.26	1.00	1.01	0.89	---	0.35	0.74	0.77
7	0.89	0.90	0.90	1.14	1.48	0.98	0.97	0.85	---	0.44	0.71	0.73
8	0.88	0.89	0.90	1.15	1.47	0.95	0.93	0.82	0.28	0.79	0.68	0.70
9	0.86	0.88	0.89	1.15	---	0.93	0.89	0.80	0.30	0.90	0.65	0.69
10	0.85	0.87	0.87	1.13	1.41	0.91	0.85	0.81	0.30	0.95	0.65	0.67
11	0.84	0.86	0.86	1.11	1.38	0.87	0.81	0.78	0.27	0.99	0.65	0.64
12	0.83	0.85	0.87	1.10	1.35	0.83	0.77	0.75	0.19	0.98	0.58	0.60
13	0.82	0.84	0.85	1.17	1.32	0.80	0.78	0.71	0.24	0.96	0.54	0.60
14	0.91	0.84	0.89	1.20	1.29	0.76	0.78	0.67	0.36	0.95	0.50	0.56
15	1.00	0.87	0.88	1.18	1.26	0.72	0.78	0.64	0.53	0.93	0.47	0.54
16	0.99	0.85	0.89	1.17	---	0.69	0.81	0.63	0.59	0.92	0.45	0.70
17	0.99	0.84	0.97	1.15	1.20	0.65	0.77	0.66	0.55	0.90	0.54	0.70
18	0.97	0.83	1.02	1.13	1.16	0.61	0.74	0.62	0.62	0.88	0.50	0.77
19	0.96	0.81	1.00	1.11	1.14	0.58	0.70	0.60	0.65	0.85	0.42	0.78
20	0.95	0.80	1.00	1.09	1.12	0.55	0.67	0.59	0.61	0.83	0.37	0.75
21	0.94	0.80	0.99	1.08	1.11	0.50	0.63	0.59	0.62	0.81	0.56	0.72
22	0.93	0.79	0.97	1.06	1.08	0.48	0.63	0.65	0.56	---	0.80	0.69
23	0.94	0.77	0.99	1.04	1.05	0.48	0.71	0.66	0.53	---	0.78	0.65
24	0.91	0.85	1.02	1.04	1.03	0.44	0.67	---	0.50	---	0.75	0.61
25	0.90	0.89	1.01	1.02	1.02	0.41	0.63	---	0.46	---	0.75	0.61
26	0.90	0.87	1.00	1.00	0.99	0.58	0.60	---	0.45	---	0.70	0.63
27	0.89	0.86	0.98	1.04	0.96	0.69	0.58	---	0.52	---	0.66	0.61
28	0.87	0.97	1.08	1.01	0.95	0.72	0.58	---	0.45	---	0.62	0.57
29	0.86	---	1.14	1.00	0.94	1.03	0.71	---	0.42	---	0.60	0.60
30	0.94	---	1.12	0.98	0.91	1.12	0.87	---	0.50	---	0.71	0.59
31	0.97	---	1.11	---	0.88	---	0.91	---	---	---	---	0.57
MEAN	0.92	0.87	0.96	1.11	---	0.77	0.82	---	---	---	---	0.66
MAX	1.00	0.97	1.14	1.22	---	1.12	1.17	---	---	---	---	0.78
MIN	0.82	0.77	0.85	0.98	---	0.41	0.58	---	---	---	---	0.54

Appendix 17. Daily mean water levels in TY-092 Buckridge well SC12 (U.S. Geological Survey site identification 354428076044305) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006. — Continued

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
 JANUARY TO MARCH 2006
 DAILY MEAN VALUES

DAY	JAN	FEB	MAR
1	0.56	0.51	0.22
2	0.55	0.48	0.20
3	0.72	0.52	0.37
4	0.73	0.56	0.30
5	0.71	0.61	0.22
6	0.73	0.60	0.17
7	0.70	0.55	0.21
8	0.67	0.49	0.13
9	0.66	0.44	0.07
10	0.64	0.38	0.06
11	0.61	0.38	0.13
12	0.58	0.39	0.07
13	0.55	0.34	0.05
14	0.58	0.31	0.07
15	0.66	0.29	---
16	0.57	0.26	---
17	0.52	0.23	---
18	0.53	0.26	---
19	0.53	0.28	---
20	0.48	0.20	---
21	0.45	0.15	---
22	0.48	0.12	---
23	0.47	0.23	---
24	0.55	0.26	---
25	0.55	0.23	---
26	0.51	0.41	---
27	0.46	0.33	---
28	0.42	0.24	---
29	0.40	---	---
30	0.39	---	---
31	0.47	---	---
MEAN	0.56	0.36	---
MAX	0.73	0.61	---
MIN	0.39	0.12	---

Appendix 18. Daily mean water levels in TY-093 Buckridge well SC100 (U.S. Geological Survey site identification 354428076044306) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006.

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
FEBRUARY TO DECEMBER 2004
DAILY MEAN VALUES

DAY	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	---	1.19	1.15	1.05	0.80	0.83	0.96	1.10	0.98	0.83	1.01
2	---	1.18	1.14	1.14	0.77	0.80	0.95	1.08	0.97	0.82	1.00
3	---	1.17	1.13	1.33	0.74	0.79	1.03	1.06	1.01	0.81	0.98
4	---	1.16	1.12	1.37	0.77	0.80	1.07	1.04	1.02	0.82	0.97
5	---	1.15	1.10	1.35	0.85	0.78	1.06	1.01	1.07	0.82	0.96
6	---	1.15	1.08	1.32	0.83	0.75	1.08	1.00	1.05	0.80	0.94
7	---	1.14	1.07	1.29	0.94	0.72	1.06	0.98	1.03	0.79	0.94
8	---	1.13	1.06	1.27	0.94	0.69	1.03	1.00	1.02	0.78	0.93
9	---	1.11	1.06	1.24	0.92	0.66	1.01	1.02	1.00	0.76	0.93
10	---	1.12	1.05	1.21	0.90	0.63	0.99	1.02	0.99	0.75	1.05
11	---	1.15	1.06	1.18	0.92	0.61	0.97	1.00	0.98	0.74	1.08
12	---	1.13	1.15	1.16	1.00	0.59	0.96	0.98	0.96	0.75	1.07
13	---	1.13	1.17	1.14	0.97	0.59	1.15	0.96	0.95	0.88	1.06
14	---	1.13	1.21	1.12	0.95	0.59	1.25	0.94	0.94	0.87	1.04
15	---	1.13	1.20	1.09	0.92	0.57	1.33	0.98	0.94	0.86	1.03
16	---	1.21	1.19	1.06	0.90	0.55	1.33	1.07	0.95	0.85	1.01
17	---	1.24	1.17	1.02	0.88	0.53	1.30	1.05	0.93	0.84	1.00
18	---	1.23	1.16	0.99	0.86	0.54	1.27	1.07	0.91	0.83	0.99
19	---	1.22	1.15	0.96	0.84	0.55	1.24	1.06	0.93	0.82	0.98
20	---	1.21	1.14	0.95	0.83	0.56	1.21	1.04	0.94	0.82	0.97
21	---	1.20	1.13	0.92	0.80	0.56	1.19	1.03	0.93	0.81	0.96
22	---	1.18	1.11	0.97	0.79	0.53	1.19	1.01	0.93	0.80	0.95
23	---	1.17	1.10	1.06	0.77	0.52	1.16	1.00	0.91	0.81	0.95
24	---	1.15	1.08	1.02	0.73	0.78	1.13	0.99	0.90	0.81	0.97
25	---	1.15	1.07	1.00	0.71	0.80	1.10	0.98	0.89	0.86	0.96
26	---	1.15	1.05	0.97	0.77	0.90	1.08	0.97	0.88	0.86	1.01
27	1.23	1.14	1.11	0.95	0.75	0.89	1.05	0.97	0.87	0.88	1.04
28	1.21	1.13	1.09	0.91	0.80	0.93	1.06	1.01	0.86	1.05	1.03
29	1.20	1.12	1.07	0.88	0.88	0.97	1.12	1.00	0.85	1.04	1.02
30	---	1.12	1.06	0.85	0.85	0.96	1.10	0.99	0.85	1.02	1.01
31	---	1.14	---	0.83	---	0.96	1.09	---	0.84	---	1.00
MEAN	---	1.16	1.11	1.08	0.85	0.71	1.11	1.01	0.94	0.84	0.99
MAX	---	1.24	1.21	1.37	1.00	0.97	1.33	1.10	1.07	1.05	1.08
MIN	---	1.11	1.05	0.83	0.71	0.52	0.95	0.94	0.84	0.74	0.93

Appendix 18. Daily mean water levels in TY-093 Buckridge well SC100 (U.S. Geological Survey site identification 354428076044306) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006.
— Continued

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
JANUARY TO DECEMBER 2005
DAILY MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.98	0.95	0.98	1.12	1.13	0.90	1.22	---	---	0.43	---	0.72
2	0.97	0.94	0.97	1.20	1.13	1.01	1.20	---	---	0.39	---	0.70
3	0.96	0.93	0.95	1.24	1.10	1.09	1.17	1.00	---	0.37	0.84	0.67
4	0.94	0.93	0.94	1.22	1.07	1.09	1.13	0.97	---	0.35	0.82	0.69
5	0.93	0.92	0.93	1.20	---	1.07	1.10	0.94	---	0.35	0.79	0.77
6	0.91	0.90	0.92	1.18	---	1.05	1.07	0.91	---	0.36	0.76	0.76
7	0.90	0.89	0.91	1.16	---	1.03	1.04	0.87	---	0.43	0.73	0.75
8	0.89	0.88	0.90	1.17	---	1.00	1.00	0.84	0.35	0.79	0.71	0.72
9	0.88	0.87	0.90	1.17	---	1.00	0.97	0.82	0.34	0.91	0.69	0.72
10	0.87	0.87	0.89	1.15	1.43	0.98	0.93	0.82	0.33	0.95	0.67	0.71
11	0.86	0.86	0.88	1.13	1.40	0.94	0.89	0.80	0.32	1.00	0.67	0.69
12	0.85	0.85	0.88	1.12	1.36	0.91	0.86	0.77	0.29	0.99	0.63	0.66
13	0.84	0.83	0.87	1.19	1.33	0.87	0.86	0.74	0.28	0.97	0.61	0.65
14	0.91	0.84	0.90	1.22	1.31	0.84	0.86	0.71	0.32	0.96	0.58	0.63
15	1.00	0.86	0.90	1.20	1.28	0.81	0.86	0.68	0.47	0.94	0.56	0.63
16	0.99	0.85	0.90	1.18	---	0.77	0.89	0.67	0.57	0.93	0.55	0.74
17	0.99	0.84	0.98	1.17	1.22	0.74	0.86	0.69	0.55	0.91	0.57	0.72
18	0.97	0.83	1.02	1.15	1.18	0.71	0.83	0.66	0.60	0.89	0.56	0.78
19	0.96	0.81	1.01	1.13	1.16	0.68	0.79	0.63	0.64	0.87	0.52	0.79
20	0.95	0.80	1.01	1.12	1.14	0.65	0.76	0.62	0.61	0.85	0.50	0.77
21	0.94	0.80	1.00	1.10	1.13	0.62	0.73	0.62	0.62	0.83	0.64	0.75
22	0.94	0.79	0.99	1.08	1.10	0.59	0.72	0.67	0.58	---	0.79	0.72
23	0.94	0.78	1.01	1.07	1.07	0.57	0.79	0.67	0.55	---	0.77	0.70
24	0.92	0.85	1.04	1.06	1.05	0.54	0.76	---	0.52	---	0.75	0.67
25	0.90	0.89	1.03	1.04	1.03	0.52	0.72	---	0.50	---	0.73	0.67
26	0.90	0.88	1.01	1.02	1.01	0.66	0.69	---	0.47	---	0.70	0.68
27	0.89	0.86	1.00	1.06	0.99	0.76	0.67	---	0.51	---	0.68	0.67
28	0.87	0.97	1.09	1.04	0.97	0.78	0.65	---	0.48	---	0.65	0.64
29	0.86	---	1.16	1.02	0.97	1.07	0.77	---	0.45	---	0.63	0.67
30	0.93	---	1.14	1.01	0.94	1.17	0.92	---	0.48	---	0.72	0.66
31	0.96	---	1.13	---	0.92	---	0.96	---	---	---	---	0.64
MEAN	0.92	0.87	0.98	1.13	---	0.85	0.89	---	---	---	---	0.70
MAX	1.00	0.97	1.16	1.24	---	1.17	1.22	---	---	---	---	0.79
MIN	0.84	0.78	0.87	1.01	---	0.52	0.65	---	---	---	---	0.63

Appendix 18. Daily mean water levels in TY-093 Buckridge well SC100 (U.S. Geological Survey site identification 354428076044306) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–March 2006. — Continued

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
JANUARY TO MARCH 2006
DAILY MEAN VALUES

DAY	JAN	FEB	MAR
1	0.63	0.60	0.41
2	0.63	0.58	0.39
3	0.74	0.59	0.41
4	0.74	0.60	0.41
5	0.73	0.62	0.38
6	0.74	0.63	0.36
7	0.73	0.61	0.35
8	0.71	0.58	0.34
9	0.70	0.54	0.32
10	0.69	0.52	0.31
11	0.67	0.52	0.30
12	0.65	0.52	0.29
13	0.62	0.50	0.28
14	0.65	0.48	0.26
15	0.69	0.46	---
16	0.65	0.45	---
17	0.62	0.44	---
18	0.61	0.43	---
19	0.60	0.43	---
20	0.58	0.41	---
21	0.57	0.39	---
22	0.59	0.38	---
23	0.59	0.46	---
24	0.63	0.45	---
25	0.63	0.43	---
26	0.61	0.46	---
27	0.59	0.46	---
28	0.57	0.43	---
29	0.55	---	---
30	0.54	---	---
31	0.58	---	---
MEAN	0.64	0.50	---
MAX	0.74	0.63	---
MIN	0.54	0.38	---

Appendix 19. Daily mean water levels in TY-094 Buckridge well HC100 (U.S. Geological Survey site identification 354442076044602) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004–March 2006.

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
APRIL TO DECEMBER 2004
DAILY MEAN VALUES

DAY	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	---	0.99	0.90	1.00	1.18	1.14	1.09	0.92	1.09
2	---	1.09	0.88	0.99	1.17	1.12	1.08	0.91	1.07
3	---	1.33	0.85	0.97	1.25	1.10	1.12	0.90	1.06
4	---	1.36	0.89	0.97	1.33	1.09	1.14	0.90	1.05
5	---	1.31	0.96	0.95	1.32	1.07	1.18	0.90	1.04
6	---	1.27	0.94	0.92	1.31	1.05	1.16	0.88	1.03
7	---	1.24	1.07	0.89	1.27	1.05	1.14	0.87	1.02
8	---	1.21	1.08	0.86	1.22	1.07	1.12	0.86	1.02
9	---	1.19	1.05	0.83	1.19	1.11	1.11	0.84	1.02
10	---	1.17	1.03	0.80	1.15	1.09	1.09	0.83	1.17
11	---	1.15	1.07	0.78	1.12	1.08	1.07	0.82	1.20
12	---	1.13	1.15	0.76	1.10	1.06	1.06	0.83	1.18
13	---	1.11	1.13	0.76	1.29	1.04	1.05	0.96	1.16
14	---	1.09	1.10	0.74	1.36	1.02	1.04	0.96	1.14
15	---	1.07	1.07	0.72	1.40	1.06	1.05	0.94	1.12
16	---	1.05	1.05	0.69	1.37	1.14	1.06	0.94	1.11
17	---	1.02	1.03	0.66	1.32	1.13	1.03	0.93	1.10
18	---	1.01	1.01	0.67	1.28	1.15	1.02	0.92	1.10
19	---	0.99	0.99	0.66	1.24	1.17	1.04	0.91	1.10
20	---	0.98	0.96	0.67	1.21	1.21	1.05	0.90	1.09
21	---	0.96	0.94	0.67	1.19	1.20	1.04	0.90	1.08
22	---	1.02	0.92	0.66	1.19	1.18	1.03	0.89	1.08
23	---	1.11	0.90	0.66	1.17	1.16	1.01	0.89	1.08
24	1.00	1.08	0.88	0.97	1.14	1.14	1.00	0.90	1.10
25	0.99	1.06	0.88	0.98	1.11	1.12	0.99	0.95	1.10
26	0.98	1.03	0.93	1.08	1.09	1.10	0.98	0.94	1.15
27	1.05	1.02	0.91	1.09	1.07	1.10	0.97	0.96	1.19
28	1.04	0.99	0.97	1.16	1.09	1.13	0.96	1.11	1.17
29	1.02	0.97	1.05	1.20	1.13	1.12	0.95	1.10	1.16
30	1.00	0.95	1.02	1.18	1.11	1.11	0.95	1.10	1.14
31	---	0.93	---	1.18	1.11	---	0.93	---	1.12
MEAN	---	1.09	0.99	0.87	1.21	1.11	1.05	0.92	1.10
MAX	---	1.36	1.15	1.20	1.40	1.21	1.18	1.11	1.20
MIN	---	0.93	0.85	0.66	1.07	1.02	0.93	0.82	1.02

Appendix 19. Daily mean water levels in TY-094 Buckridge well HC100 (U.S. Geological Survey site identification 354442076044602) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004–March 2006.
— Continued

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
JANUARY TO DECEMBER 2005
DAILY MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1.11	1.18	1.21	1.27	1.31	1.06	1.43	---	---	0.78	1.15	1.12
2	1.10	1.16	1.19	1.36	1.31	1.16	1.39	---	---	0.76	1.13	1.10
3	1.09	1.15	1.17	1.37	1.29	1.24	1.34	---	---	0.75	1.11	1.08
4	1.09	1.16	1.15	1.34	1.26	1.24	1.30	---	---	0.74	1.09	1.11
5	1.08	1.14	1.14	1.32	1.24	1.22	1.26	---	---	0.74	1.08	1.17
6	1.07	1.13	1.13	1.30	1.47	1.20	1.23	---	---	0.73	1.06	1.16
7	1.06	1.12	1.12	1.28	1.71	1.18	1.20	---	---	0.76	1.05	1.14
8	1.05	1.12	1.11	1.28	1.60	1.16	1.17	---	---	1.11	1.03	1.13
9	1.04	1.11	1.11	1.28	1.52	1.15	1.14	---	0.80	1.21	1.02	1.13
10	1.03	1.09	1.10	1.26	1.47	1.14	1.11	---	0.78	1.26	1.01	1.13
11	1.02	1.07	1.09	1.24	1.44	1.11	1.08	---	0.76	1.28	1.00	1.12
12	1.02	1.06	1.09	1.23	1.41	1.09	1.05	---	0.74	1.26	0.99	1.11
13	1.02	1.06	1.08	1.30	1.38	1.06	1.07	---	0.73	1.23	0.97	1.09
14	1.11	1.07	1.11	1.33	1.36	1.04	1.07	---	0.73	1.21	0.96	1.08
15	1.22	1.10	1.11	1.31	1.34	1.01	---	---	0.82	1.19	0.95	1.09
16	1.24	1.09	1.12	1.30	1.32	0.98	---	---	0.90	1.16	0.94	1.18
17	1.23	1.08	1.19	1.29	1.30	0.95	---	---	0.91	1.13	0.94	1.17
18	1.21	1.07	1.23	1.28	1.27	0.93	---	---	0.92	1.11	0.93	1.21
19	1.20	1.05	1.21	1.26	1.26	0.90	---	---	0.96	1.09	0.92	1.21
20	1.19	1.05	1.21	1.25	1.25	0.88	---	---	0.94	1.07	0.91	1.20
21	1.18	1.05	1.20	1.23	1.25	0.86	---	---	0.93	1.06	1.04	1.18
22	1.17	1.04	1.18	1.21	1.23	0.84	---	---	0.91	1.14	1.15	1.16
23	1.15	1.03	1.19	1.20	1.20	0.81	---	---	0.90	1.22	1.13	1.15
24	1.14	1.09	1.21	1.18	1.17	0.79	---	---	0.88	1.26	1.11	1.14
25	1.14	1.13	1.20	1.16	1.16	0.77	---	---	0.86	1.30	1.09	1.15
26	1.13	1.11	1.19	1.15	1.14	0.91	---	---	0.84	1.25	1.07	1.16
27	1.11	1.10	1.17	1.19	1.13	1.00	---	---	0.84	1.22	1.06	1.14
28	1.10	1.20	1.27	1.18	1.12	1.01	---	---	0.82	1.22	1.05	1.13
29	1.09	---	1.32	1.17	1.12	1.27	---	---	0.81	1.21	1.05	1.15
30	1.17	---	1.30	1.17	1.10	1.35	---	---	0.80	1.19	1.13	1.14
31	1.19	---	1.28	---	1.08	---	---	---	---	1.16	---	1.13
MEAN	1.12	1.10	1.17	1.26	1.30	1.04	---	---	---	1.09	1.04	1.14
MAX	1.24	1.20	1.32	1.37	1.71	1.35	---	---	---	1.30	1.15	1.21
MIN	1.02	1.03	1.08	1.15	1.08	0.77	---	---	---	0.73	0.91	1.08

Appendix 19. Daily mean water levels in TY-094 Buckridge well HC100 (U.S. Geological Survey site identification 354442076044602) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004–March 2006. — Continued

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
 JANUARY TO MARCH 2006
 DAILY MEAN VALUES

DAY	JAN	FEB	MAR
1	1.12	1.08	0.91
2	1.12	1.07	0.90
3	1.21	1.07	0.89
4	1.20	1.06	0.87
5	1.19	1.05	0.86
6	1.18	1.04	0.86
7	1.16	1.03	0.85
8	1.15	1.02	0.84
9	1.13	1.01	0.83
10	1.12	1.00	0.81
11	1.11	1.01	0.80
12	1.10	1.01	0.79
13	1.09	1.00	0.78
14	1.12	0.99	---
15	1.11	0.97	---
16	1.10	0.96	---
17	1.09	0.95	---
18	1.09	0.94	---
19	1.08	0.93	---
20	1.07	0.93	---
21	1.06	0.92	---
22	1.08	0.91	---
23	1.08	0.98	---
24	1.12	0.97	---
25	1.11	0.95	---
26	1.09	0.94	---
27	1.08	0.93	---
28	1.07	0.92	---
29	1.06	---	---
30	1.05	---	---
31	1.08	---	---
MEAN	1.11	0.99	---
MAX	1.21	1.08	---
MIN	1.05	0.91	---

Appendix 20. Daily mean water levels in TY-095 Buckridge well HC19 (U.S. Geological Survey site identification 354442076044603) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004–March 2006.

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
APRIL TO DECEMBER 2004
DAILY MEAN VALUES

DAY	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	---	1.00	0.91	1.01	1.18	1.14	1.11	0.93	1.10
2	---	1.10	0.88	0.99	1.17	1.13	1.10	0.91	1.08
3	---	1.33	0.85	0.98	1.25	1.11	1.13	0.91	1.07
4	---	1.36	0.89	0.97	1.34	1.09	1.15	0.91	1.06
5	---	1.31	0.97	0.95	1.33	1.07	1.20	0.91	1.04
6	---	1.28	0.94	0.93	1.33	1.06	1.17	0.89	1.03
7	---	1.24	1.07	0.90	1.28	1.06	1.15	0.88	1.03
8	---	1.22	1.08	0.87	1.24	1.08	1.13	0.87	1.02
9	---	1.20	1.06	0.83	1.20	1.12	1.12	0.85	1.03
10	---	1.18	1.03	0.81	1.17	1.11	1.11	0.84	1.18
11	---	1.15	1.07	0.78	1.14	1.09	1.09	0.83	1.21
12	---	1.13	1.16	0.77	1.12	1.08	1.07	0.84	1.19
13	---	1.11	1.13	0.76	1.31	1.05	1.06	0.97	1.17
14	---	1.10	1.10	0.74	1.38	1.04	1.06	0.96	1.14
15	---	1.07	1.08	0.72	1.41	1.08	1.07	0.95	1.13
16	---	1.04	1.05	0.70	1.38	1.15	1.08	0.94	1.11
17	---	1.02	1.03	0.67	1.33	1.15	1.05	0.93	1.10
18	---	1.01	1.01	0.68	1.29	1.17	1.03	0.92	1.10
19	---	0.99	0.99	0.67	1.26	1.19	1.06	0.92	1.10
20	---	0.98	0.97	0.68	1.22	1.22	1.06	0.91	1.09
21	---	0.96	0.94	0.68	1.20	1.22	1.05	0.90	1.08
22	---	1.02	0.93	0.67	1.19	1.20	1.04	0.90	1.08
23	---	1.11	0.91	0.67	1.17	1.18	1.02	0.90	1.09
24	1.01	1.09	0.89	0.97	1.14	1.16	1.01	0.91	1.11
25	1.00	1.06	0.88	0.99	1.12	1.14	1.00	0.96	1.10
26	0.99	1.04	0.94	1.09	1.10	1.12	0.99	0.95	1.15
27	1.06	1.02	0.92	1.10	1.08	1.12	0.98	0.97	1.19
28	1.04	1.00	0.97	1.16	1.09	1.14	0.97	1.12	1.17
29	1.02	0.97	1.05	1.21	1.14	1.14	0.96	1.11	1.16
30	1.01	0.95	1.03	1.19	1.11	1.12	0.95	1.10	1.15
31	---	0.93	---	1.18	1.11	---	0.94	---	1.14
MEAN	---	1.10	0.99	0.88	1.22	1.12	1.06	0.93	1.11
MAX	---	1.36	1.16	1.21	1.41	1.22	1.20	1.12	1.21
MIN	---	0.93	0.85	0.67	1.08	1.04	0.94	0.83	1.02

Appendix 20. Daily mean water levels in TY-095 Buckridge well HC19 (U.S. Geological Survey site identification 354442076044603) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004–March 2006.
— Continued

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
JANUARY TO DECEMBER 2005
DAILY MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1.13	1.18	1.21	1.28	1.29	1.05	1.43	---	1.00	0.80	1.18	---
2	1.12	1.16	1.19	1.36	1.29	1.17	1.39	---	0.98	0.79	1.16	---
3	1.11	1.16	1.17	1.38	1.27	1.24	1.34	1.32	0.96	0.77	1.14	---
4	1.10	1.16	1.16	1.35	1.24	1.24	1.29	1.28	0.93	0.76	1.13	---
5	1.09	1.15	1.15	1.32	1.23	1.22	1.26	1.24	0.90	0.77	1.11	---
6	1.09	1.13	1.14	1.30	1.46	1.20	1.22	1.21	0.88	0.76	1.09	---
7	1.08	1.12	1.13	1.28	1.69	1.18	1.19	1.18	0.87	0.79	1.08	---
8	1.07	1.12	1.12	1.28	1.58	1.16	1.16	1.16	0.86	1.14	1.06	---
9	1.06	1.11	1.11	1.28	1.50	1.15	1.13	1.14	0.84	1.25	1.05	---
10	1.05	1.10	1.10	1.26	1.46	1.14	1.10	1.13	0.82	1.30	1.04	---
11	1.04	1.09	1.09	1.24	1.42	1.11	1.07	1.11	0.80	1.32	1.02	---
12	1.04	1.08	1.09	1.23	1.39	1.09	1.04	1.09	0.78	1.29	1.01	---
13	1.03	1.07	1.08	1.31	1.36	1.06	1.06	1.07	0.78	1.26	0.99	---
14	1.11	1.07	1.11	---	1.34	1.04	1.06	1.04	0.77	1.23	0.98	---
15	1.22	1.10	1.11	1.31	1.32	1.01	---	1.02	0.85	1.21	0.97	---
16	1.24	1.09	1.12	1.30	1.30	0.99	---	1.04	0.93	1.18	0.97	---
17	1.24	1.08	1.19	1.30	1.28	0.96	---	1.12	0.95	1.16	0.96	---
18	1.21	1.07	1.23	1.28	1.25	0.93	---	1.10	0.96	1.14	0.95	---
19	1.20	1.06	1.21	1.27	1.24	0.91	---	1.08	1.00	1.12	0.94	---
20	1.19	1.05	1.21	1.25	1.23	0.88	---	1.06	0.98	1.10	0.93	---
21	1.18	1.05	1.19	1.23	1.23	0.86	---	1.06	0.97	1.08	1.06	---
22	1.17	1.04	1.18	1.22	1.21	0.84	---	1.09	0.95	1.17	1.17	---
23	1.17	1.03	1.19	1.21	1.19	0.81	---	1.09	0.93	1.25	1.16	---
24	1.15	1.09	1.21	1.20	1.17	0.79	---	1.13	0.92	1.29	1.14	---
25	1.14	1.13	1.20	1.18	1.16	0.77	---	1.11	0.90	1.33	1.12	---
26	1.13	1.12	1.19	1.17	1.14	0.91	---	1.09	0.88	1.29	---	---
27	1.12	1.11	1.18	1.19	1.12	1.00	---	1.07	0.88	1.25	---	---
28	1.10	1.21	1.27	1.17	1.11	1.01	---	1.07	0.86	1.25	---	---
29	1.09	---	1.33	1.16	1.10	1.26	---	1.06	0.84	1.24	---	---
30	1.17	---	1.30	1.15	1.08	1.35	---	1.05	0.82	1.22	---	---
31	1.19	---	1.28	---	1.06	---	---	1.03	---	1.19	---	---
MEAN	1.13	1.10	1.18	---	1.28	1.04	---	---	0.89	1.12	---	---
MAX	1.24	1.21	1.33	---	1.69	1.35	---	---	1.00	1.33	---	---
MIN	1.03	1.03	1.08	---	1.06	0.77	---	---	0.77	0.76	---	---

Appendix 20. Daily mean water levels in TY-095 Buckridge well HC19 (U.S. Geological Survey site identification 354442076044603) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004–March 2006. — Continued

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
JANUARY TO MARCH 2006
DAILY MEAN VALUES

DAY	JAN	FEB	MAR
1	---	1.10	0.93
2	---	1.09	0.92
3	---	1.08	0.90
4	---	1.08	0.89
5	---	1.06	0.88
6	---	1.05	0.87
7	---	1.05	0.86
8	---	1.04	0.85
9	---	1.03	0.84
10	---	1.02	0.83
11	---	1.02	0.81
12	1.12	1.03	0.80
13	1.11	1.01	0.79
14	1.14	1.00	---
15	1.13	0.99	---
16	1.11	0.98	---
17	1.10	0.96	---
18	1.10	0.95	---
19	1.09	0.95	---
20	1.08	0.94	---
21	1.07	0.93	---
22	1.09	0.93	---
23	1.09	0.99	---
24	1.13	0.98	---
25	1.13	0.97	---
26	1.11	0.95	---
27	1.09	0.94	---
28	1.08	0.94	---
29	1.07	---	---
30	1.07	---	---
31	1.10	---	---
MEAN	---	1.00	---
MAX	---	1.10	---
MIN	---	0.93	---

Appendix 21. Daily mean water levels in TY-096 Buckridge well HR16 (U.S. Geological Survey site identification 354442076044604) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004–September 2005.

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
APRIL TO DECEMBER 2004
DAILY MEAN VALUES

DAY	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	---	0.99	0.92	1.01	1.18	1.14	1.10	0.93	1.10
2	---	1.09	0.89	1.00	1.17	1.13	1.09	0.92	1.08
3	---	1.32	0.87	0.99	1.24	1.11	1.13	0.91	1.07
4	---	1.35	0.90	0.98	1.33	1.10	1.14	0.92	1.05
5	---	1.31	0.98	0.96	1.32	1.08	1.19	0.91	1.04
6	---	1.27	0.96	0.93	1.32	1.06	1.17	0.90	1.03
7	---	1.24	1.07	0.91	1.28	1.05	1.15	0.89	1.03
8	---	1.22	1.09	0.87	1.23	1.07	1.13	0.87	1.02
9	---	1.20	1.07	0.84	1.20	1.11	1.12	0.85	1.02
10	---	1.18	1.05	0.81	1.17	1.10	1.10	0.84	1.16
11	---	1.16	1.08	0.79	1.14	1.09	1.08	0.84	1.20
12	---	1.14	1.16	0.77	1.11	1.07	1.07	0.84	1.19
13	---	1.11	1.14	0.77	1.28	1.05	1.06	0.96	1.17
14	---	1.09	1.12	0.75	1.36	1.04	1.04	0.96	1.15
15	---	1.07	1.09	0.72	1.40	1.06	1.05	0.96	1.13
16	---	1.05	1.05	0.70	1.38	1.15	1.06	0.95	1.12
17	---	1.03	1.04	0.67	1.33	1.15	1.04	0.94	1.11
18	---	1.02	1.01	0.68	1.29	1.17	1.02	0.93	1.11
19	---	1.00	0.99	0.67	1.25	1.18	1.04	0.92	1.11
20	---	1.00	0.97	0.68	1.22	1.22	1.06	0.91	1.09
21	---	0.98	0.95	0.68	1.20	1.22	1.05	0.90	1.08
22	---	1.04	0.93	0.67	1.20	1.20	1.04	0.90	1.08
23	---	1.13	0.91	0.66	1.18	1.17	1.03	0.90	1.09
24	1.01	1.11	0.89	0.94	1.15	1.15	1.02	0.92	1.10
25	1.00	1.09	0.88	0.98	1.12	1.13	1.01	0.96	1.09
26	0.99	1.06	0.94	1.08	1.10	1.11	1.00	0.96	1.14
27	1.06	1.04	0.92	1.09	1.08	1.11	0.99	0.97	1.17
28	1.04	1.01	0.97	1.15	1.09	1.14	0.97	1.12	1.17
29	1.02	0.97	1.05	1.20	1.14	1.13	0.97	1.11	1.17
30	1.00	0.96	1.03	1.18	1.12	1.11	0.96	1.10	1.15
31	---	0.95	---	1.18	1.11	---	0.95	---	1.14
MEAN	---	1.10	1.00	0.88	1.22	1.12	1.06	0.93	1.11
MAX	---	1.35	1.16	1.20	1.40	1.22	1.19	1.12	1.20
MIN	---	0.95	0.87	0.66	1.08	1.04	0.95	0.84	1.02

Appendix 21. Daily mean water levels in TY-096 Buckridge well HR16 (U.S. Geological Survey site identification 354442076044604) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004–September 2005. — Continued

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
JANUARY TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.13	1.18	1.21	1.27	1.28	1.05	1.45	---	0.98
2	1.12	1.17	1.19	1.35	1.31	1.15	1.41	---	0.96
3	1.12	1.16	1.17	1.38	1.28	1.23	1.36	1.36	0.93
4	1.11	1.16	1.16	1.34	1.25	1.24	1.32	1.31	0.90
5	1.10	1.14	1.15	1.31	1.23	1.22	1.29	1.28	0.87
6	1.09	1.13	1.14	1.30	1.43	1.20	1.26	1.25	0.85
7	1.07	1.13	1.13	1.28	1.69	1.18	1.22	1.21	---
8	1.07	1.12	1.13	1.28	1.59	1.16	1.19	1.18	---
9	1.06	1.11	1.11	1.27	1.51	1.15	1.16	1.16	---
10	1.06	1.11	1.10	1.25	1.46	1.14	1.13	1.15	---
11	1.05	1.09	1.10	1.24	1.43	1.11	1.10	1.13	---
12	1.04	1.08	1.09	1.23	1.39	1.09	1.08	1.11	---
13	1.03	1.07	1.08	1.29	1.37	1.07	1.10	1.09	---
14	1.09	1.07	1.11	1.33	1.35	1.04	1.11	1.07	---
15	1.21	1.10	1.11	1.30	1.33	1.02	---	1.04	---
16	1.24	1.10	1.11	1.30	1.30	1.00	---	1.04	---
17	1.23	1.08	1.18	1.30	1.28	0.97	---	1.12	---
18	1.21	1.07	1.22	1.29	1.26	0.94	---	1.11	---
19	1.21	1.05	1.21	1.27	1.24	0.92	---	1.08	---
20	1.19	1.05	1.21	1.26	1.23	0.89	---	1.06	---
21	1.17	1.05	1.19	1.24	1.23	0.88	---	1.05	---
22	1.18	1.04	1.18	1.22	1.22	0.86	---	1.09	---
23	1.16	1.03	1.19	1.22	1.20	0.83	---	1.08	---
24	1.15	1.09	1.21	1.21	1.18	0.81	---	1.12	---
25	1.14	1.13	1.20	1.18	1.17	0.79	---	1.10	---
26	1.14	1.12	1.18	1.17	1.15	0.89	---	1.08	---
27	1.11	1.11	1.17	1.20	1.13	1.01	---	1.06	---
28	1.10	1.20	1.26	1.18	1.11	1.02	---	1.04	---
29	1.10	---	1.32	1.17	1.11	1.25	---	1.05	---
30	1.17	---	1.30	1.17	1.09	1.35	---	1.03	---
31	1.19	---	1.28	---	1.07	---	---	1.01	---
MEAN	1.13	1.10	1.17	1.26	1.29	1.05	---	---	---
MAX	1.24	1.20	1.32	1.38	1.69	1.35	---	---	---
MIN	1.03	1.03	1.08	1.17	1.07	0.79	---	---	---

Appendix 22. Daily mean water levels in TY-097 Buckridge well HR50 (U.S. Geological Survey site identification 354442076044605) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004–March 2006.

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
APRIL TO DECEMBER 2004
DAILY MEAN VALUES

DAY	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	---	1.01	0.92	1.01	1.17	1.17	1.10	0.93	1.10
2	---	1.11	0.89	0.99	1.16	1.15	1.09	0.92	1.09
3	---	1.33	0.86	0.97	1.25	1.13	1.13	0.91	1.08
4	---	1.35	0.90	0.97	1.34	1.11	1.15	0.92	1.06
5	---	1.31	0.97	0.95	1.31	1.09	1.21	0.92	1.05
6	---	1.28	0.95	0.92	1.32	1.07	1.18	0.90	1.03
7	---	1.26	1.06	0.89	1.28	1.07	1.16	0.89	1.03
8	---	1.23	1.07	0.86	1.23	1.09	1.14	0.88	1.02
9	---	1.21	1.05	0.83	1.20	1.12	1.13	0.86	1.02
10	---	1.19	1.03	0.81	1.17	1.12	1.11	0.85	1.17
11	---	1.17	1.07	0.78	1.14	1.10	1.10	0.84	1.19
12	---	1.15	1.16	0.76	1.12	1.09	1.08	0.85	1.17
13	---	1.13	1.13	0.75	1.30	1.06	1.07	0.98	1.15
14	---	1.12	1.11	0.73	1.37	1.04	1.06	0.97	1.13
15	---	1.09	1.08	0.70	1.40	1.08	1.07	0.96	1.11
16	---	1.07	1.05	0.67	1.37	1.17	1.08	0.95	1.10
17	---	1.05	1.03	0.65	1.33	1.16	1.06	0.94	1.10
18	---	1.04	1.01	0.66	1.29	1.17	1.04	0.93	1.09
19	---	1.02	0.99	0.66	1.26	1.21	1.06	0.93	1.10
20	---	1.02	0.97	0.66	1.24	1.26	1.06	0.92	1.11
21	---	1.00	0.94	0.66	1.22	1.23	1.05	0.91	1.09
22	---	1.05	0.93	0.65	1.22	1.20	1.04	0.91	1.09
23	---	1.13	0.91	0.65	1.20	1.18	1.03	0.91	1.11
24	1.02	1.10	0.88	0.95	1.17	1.15	1.02	0.92	1.12
25	1.00	1.08	0.88	0.97	1.15	1.13	1.01	0.96	1.10
26	1.00	1.06	0.94	1.06	1.12	1.11	1.00	0.95	1.16
27	1.07	1.03	0.92	1.07	1.10	1.12	0.98	0.97	1.19
28	1.05	1.00	0.98	1.13	1.12	1.14	0.97	1.13	1.17
29	1.04	0.97	1.06	1.17	1.17	1.13	0.96	1.13	1.16
30	1.02	0.96	1.04	1.17	1.14	1.12	0.96	1.11	1.14
31	---	0.94	---	1.17	1.14	---	0.94	---	1.13
MEAN	---	1.11	0.99	0.87	1.23	1.13	1.07	0.94	1.11
MAX	---	1.35	1.16	1.17	1.40	1.26	1.21	1.13	1.19
MIN	---	0.94	0.86	0.65	1.10	1.04	0.94	0.84	1.02

Appendix 22. Daily mean water levels in TY-097 Buckridge well HR50 (U.S. Geological Survey site identification 354442076044605) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004–March 2006.
— Continued

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
JANUARY TO DECEMBER 2005
DAILY MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1.13	1.18	1.23	1.27	1.27	1.05	1.39	---	0.97	0.79	1.18	1.14
2	1.12	1.17	1.20	1.36	1.28	1.16	1.35	---	0.95	0.77	1.16	1.12
3	1.12	1.16	1.18	1.37	1.25	1.25	1.30	1.30	0.93	0.76	1.14	1.10
4	1.11	1.17	1.18	1.34	1.23	1.25	1.26	1.27	0.90	0.75	1.12	1.12
5	1.10	1.15	1.17	1.31	1.21	1.23	1.22	1.24	0.87	0.75	1.11	1.18
6	1.09	1.14	1.16	1.29	1.45	1.21	1.19	1.21	0.85	0.75	1.10	1.18
7	1.08	1.13	1.15	1.29	1.63	1.20	1.15	1.18	0.83	0.78	1.08	1.16
8	1.07	1.12	1.15	1.29	1.52	1.17	1.12	1.16	0.82	1.13	1.06	1.14
9	1.06	1.12	1.14	1.29	1.46	1.17	1.09	1.14	0.80	1.28	1.05	1.15
10	1.05	1.12	1.13	1.27	1.42	1.16	1.06	1.13	0.78	1.36	1.03	1.15
11	1.06	1.10	1.12	1.25	1.38	1.12	1.02	1.11	0.76	1.34	1.01	1.14
12	1.04	1.09	1.12	1.24	1.35	1.10	0.99	1.08	0.74	1.31	0.99	1.12
13	1.04	1.08	1.11	1.31	1.33	1.08	1.01	1.06	0.74	1.28	0.97	1.10
14	1.11	1.08	1.14	1.33	1.31	1.05	1.01	1.04	0.74	1.26	0.96	1.09
15	1.25	1.13	1.13	1.30	1.29	1.02	---	1.01	0.83	1.23	0.95	1.10
16	1.26	1.12	1.14	1.30	1.27	0.99	---	1.03	0.91	1.21	0.96	1.18
17	1.24	1.11	1.21	1.29	1.27	0.95	---	1.10	0.93	1.18	0.96	1.16
18	1.21	1.09	1.24	1.27	1.25	0.93	---	1.09	0.94	1.16	0.95	1.21
19	1.19	1.07	1.22	1.26	1.23	0.90	---	1.06	0.97	1.13	0.93	1.21
20	1.18	1.07	1.21	1.24	1.22	0.87	---	1.05	0.95	1.11	0.93	1.19
21	1.17	1.07	1.20	1.23	1.22	0.84	---	1.04	0.93	1.09	1.06	1.18
22	1.17	1.05	1.18	1.21	1.21	0.82	---	1.08	0.91	1.18	1.19	1.16
23	1.17	1.04	1.21	1.20	1.19	0.79	---	1.07	0.90	1.25	1.17	1.15
24	1.15	1.12	1.22	1.19	1.18	0.77	---	1.10	0.88	1.29	1.15	1.14
25	1.14	1.16	1.21	1.17	1.16	0.75	---	1.08	0.86	1.33	1.12	1.15
26	1.14	1.14	1.19	1.15	1.14	0.88	---	1.06	0.85	1.28	1.10	1.16
27	1.13	1.12	1.18	1.19	1.12	0.97	---	1.04	0.85	1.25	1.08	1.15
28	1.11	1.22	1.28	1.16	1.11	0.98	---	1.03	0.83	1.25	1.07	1.14
29	1.11	---	1.33	1.15	1.10	1.29	---	1.03	0.82	1.24	1.06	1.15
30	1.18	---	1.30	1.14	1.08	1.35	---	1.02	0.81	1.21	1.14	1.14
31	1.20	---	1.28	---	1.06	---	---	1.00	---	1.20	---	1.13
MEAN	1.13	1.12	1.19	1.26	1.26	1.04	---	---	0.86	1.13	1.06	1.15
MAX	1.26	1.22	1.33	1.37	1.63	1.35	---	---	0.97	1.36	1.19	1.21
MIN	1.04	1.04	1.11	1.14	1.06	0.75	---	---	0.74	0.75	0.93	1.09

Appendix 22. Daily mean water levels in TY-097 Buckridge well HR50 (U.S. Geological Survey site identification 354442076044605) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004–March 2006. — Continued

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
JANUARY TO MARCH 2006
DAILY MEAN VALUES

DAY	JAN	FEB	MAR
1	1.12	1.06	0.89
2	1.12	1.05	0.92
3	1.20	1.05	0.89
4	1.19	1.04	0.87
5	1.18	1.03	0.86
6	1.17	1.02	0.85
7	1.15	1.01	0.84
8	1.14	1.00	0.82
9	1.12	0.99	0.82
10	1.11	0.98	0.81
11	1.10	1.00	0.79
12	1.10	1.01	0.78
13	1.09	0.99	0.77
14	1.12	0.97	---
15	1.11	0.96	---
16	1.10	0.95	---
17	1.08	0.94	---
18	1.08	0.93	---
19	1.07	0.91	---
20	1.06	0.91	---
21	1.05	0.90	---
22	1.06	0.89	---
23	1.06	0.95	---
24	1.10	0.94	---
25	1.09	0.93	---
26	1.07	0.92	---
27	1.06	0.91	---
28	1.05	0.90	---
29	1.04	---	---
30	1.03	---	---
31	1.06	---	---
MEAN	1.10	0.97	---
MAX	1.20	1.06	---
MIN	1.03	0.89	---

Appendix 23. Daily mean water levels in TY-098 Buckridge well HR100 (U.S. Geological Survey site identification 354442076044606) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004–March 2006.

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
APRIL TO DECEMBER 2004
DAILY MEAN VALUES

DAY	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	---	1.01	0.90	---	1.15	1.15	1.09	0.92	1.11
2	---	1.11	0.87	---	1.15	1.13	1.08	0.91	1.10
3	---	1.33	0.84	---	1.23	1.11	1.11	0.90	1.09
4	---	1.35	0.88	---	1.33	1.09	1.14	0.91	1.07
5	---	1.31	0.95	---	1.29	1.07	1.19	0.90	1.06
6	---	1.28	0.93	---	1.30	1.05	1.17	0.89	1.05
7	---	1.26	1.04	---	1.26	1.04	1.14	0.88	1.05
8	---	1.24	1.05	---	1.21	1.07	1.12	0.86	1.04
9	---	1.22	1.03	---	1.18	1.10	1.10	0.85	1.04
10	---	1.20	1.01	---	1.15	1.09	1.09	0.83	1.19
11	---	1.17	1.05	---	1.12	1.08	1.07	0.83	1.21
12	---	1.15	1.14	---	1.10	1.06	1.06	0.84	1.18
13	---	1.13	1.11	---	1.28	1.04	1.04	0.96	1.16
14	---	1.11	1.09	---	1.35	1.02	1.04	0.96	1.15
15	---	1.09	1.06	---	1.37	1.07	1.05	0.95	1.13
16	---	1.06	1.03	0.65	1.34	1.16	1.06	0.94	1.11
17	---	1.04	1.01	0.63	1.30	1.14	1.03	0.93	1.10
18	---	1.02	0.99	0.64	1.26	1.16	1.01	0.93	1.10
19	---	1.01	0.97	0.64	1.23	1.19	1.04	0.91	1.10
20	---	1.00	0.95	0.65	1.21	1.25	1.05	0.90	1.09
21	---	0.98	0.92	0.65	1.19	1.22	1.04	0.90	1.08
22	---	1.03	0.91	0.63	1.19	1.19	1.03	0.89	1.08
23	---	1.10	0.89	0.64	1.17	1.16	1.02	0.90	1.09
24	1.02	1.08	0.87	0.94	1.14	1.14	1.01	0.90	1.10
25	1.02	1.06	0.86	0.96	1.11	1.12	1.00	0.95	1.09
26	1.01	1.04	0.92	1.06	1.09	1.10	0.99	0.94	1.15
27	1.08	1.02	0.90	1.06	1.07	1.10	0.98	0.96	1.18
28	1.06	0.99	---	1.12	1.09	1.12	0.97	1.12	1.16
29	1.05	0.96	---	1.16	1.15	1.12	0.96	1.11	1.15
30	1.02	0.94	---	1.15	1.12	1.11	0.95	1.11	1.14
31	---	0.92	---	1.15	1.12	---	0.94	---	1.14
MEAN	---	1.10	---	---	1.20	1.11	1.05	0.93	1.11
MAX	---	1.35	---	---	1.37	1.25	1.19	1.12	1.21
MIN	---	0.92	---	---	1.07	1.02	0.94	0.83	1.04

Appendix 23. Daily mean water levels in TY-098 Buckridge well HR100 (U.S. Geological Survey site identification 354442076044606) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004–March 2006.
— Continued

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
JANUARY TO DECEMBER 2005
DAILY MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1.13	1.17	1.22	1.27	1.29	1.04	1.40	---	0.96	0.76	1.16	1.10
2	1.11	1.16	1.20	1.36	1.29	1.15	1.36	---	0.94	0.74	1.15	1.08
3	1.10	1.15	1.18	1.37	1.27	1.24	1.31	1.30	0.92	0.73	1.13	1.06
4	1.10	1.15	1.16	1.34	1.24	1.24	1.27	1.27	0.89	0.72	1.11	1.08
5	1.08	1.14	1.15	1.31	1.23	1.22	1.23	1.24	0.86	0.72	1.10	1.14
6	1.07	1.13	1.14	1.29	1.47	1.20	1.20	1.21	0.84	0.72	1.08	1.14
7	1.06	1.12	1.13	1.28	1.65	1.18	1.16	1.18	0.82	0.75	1.06	1.12
8	1.05	1.11	1.13	1.28	1.54	1.15	1.14	1.16	0.80	1.10	1.04	1.10
9	1.04	1.11	1.12	1.28	1.48	1.15	1.10	1.14	0.78	1.25	1.02	1.11
10	1.04	1.10	1.11	1.26	1.44	1.14	1.07	1.13	0.76	1.33	1.01	1.11
11	1.03	1.09	1.10	1.24	1.41	1.12	1.04	1.11	0.74	1.31	0.99	1.10
12	1.02	1.08	1.10	1.23	1.38	1.09	1.02	1.09	0.72	1.28	0.98	1.08
13	1.01	1.07	1.09	1.31	1.36	1.07	1.03	1.06	0.72	1.25	0.96	1.06
14	1.09	1.07	1.12	1.33	1.34	1.03	1.04	1.04	0.72	1.23	0.95	1.04
15	1.23	1.10	1.11	1.31	1.32	1.00	---	1.01	0.80	1.20	0.94	1.06
16	1.24	1.09	1.12	1.31	1.30	0.97	---	1.03	0.88	1.17	0.93	1.14
17	1.22	1.08	1.20	1.30	1.28	0.94	---	1.10	0.89	1.15	0.93	1.12
18	1.19	1.07	1.23	1.28	1.26	0.92	---	1.09	0.91	1.13	0.92	1.16
19	1.18	1.06	1.21	1.26	1.24	0.89	---	1.07	0.93	1.10	0.91	1.17
20	1.17	1.05	1.21	1.25	1.24	0.87	---	1.05	0.92	1.07	0.89	1.15
21	1.16	1.05	1.20	1.23	1.23	0.84	---	1.03	0.90	1.06	1.01	1.13
22	1.16	1.04	1.18	1.21	1.21	0.82	---	1.07	0.88	1.15	1.14	1.12
23	1.15	1.03	1.20	1.20	1.19	0.79	---	1.06	0.87	1.23	1.12	1.11
24	1.13	1.10	1.22	1.20	1.18	0.77	---	1.09	0.85	1.26	1.10	1.10
25	1.12	1.13	1.20	1.18	1.17	0.75	---	1.07	0.83	1.30	1.08	1.10
26	1.12	1.12	1.19	1.16	1.15	0.88	---	1.05	0.82	1.26	1.06	1.11
27	1.11	1.11	1.18	1.20	1.12	0.97	---	1.03	0.82	1.23	1.05	1.09
28	1.09	1.21	1.27	1.18	1.11	0.98	---	1.02	0.80	1.23	1.04	1.09
29	1.09	---	1.32	1.16	1.10	1.29	---	1.03	0.79	1.22	1.03	1.11
30	1.16	---	1.30	1.16	1.08	1.35	---	1.01	0.77	1.20	1.10	1.10
31	1.19	---	1.28	---	1.06	---	---	0.99	---	1.18	---	1.09
MEAN	1.12	1.10	1.18	1.26	1.28	1.03	---	---	0.84	1.10	1.03	1.11
MAX	1.24	1.21	1.32	1.37	1.65	1.35	---	---	0.96	1.33	1.16	1.17
MIN	1.01	1.03	1.09	1.16	1.06	0.75	---	---	0.72	0.72	0.89	1.04

Appendix 23. Daily mean water levels in TY-098 Buckridge well HR100 (U.S. Geological Survey site identification 354442076044606) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, April 2004–March 2006. — Continued

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
JANUARY TO MARCH 2006
DAILY MEAN VALUES

DAY	JAN	FEB	MAR
1	1.08	1.10	0.91
2	1.08	1.09	0.90
3	1.17	1.09	0.88
4	1.17	1.08	0.87
5	1.16	1.07	0.86
6	1.15	1.06	0.85
7	1.15	1.05	0.84
8	1.14	1.04	0.83
9	1.13	1.03	0.81
10	1.13	1.02	0.80
11	1.12	1.02	0.79
12	1.12	1.03	0.78
13	1.12	1.01	0.76
14	1.15	1.00	---
15	1.16	0.99	---
16	1.14	0.97	---
17	1.13	0.96	---
18	1.12	0.95	---
19	1.11	0.94	---
20	1.10	0.94	---
21	1.09	0.93	---
22	1.11	0.92	---
23	1.11	0.99	---
24	1.15	0.97	---
25	1.15	0.95	---
26	1.13	0.94	---
27	1.11	0.93	---
28	1.10	0.92	---
29	1.09	---	---
30	1.07	---	---
31	1.10	---	---
MEAN	1.12	1.00	---
MAX	1.17	1.10	---
MIN	1.07	0.92	---

Appendix 24. Daily mean water levels in TY-099 Buckridge well HC1000 (U.S. Geological Survey site identification 354437076043601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, May 2004–March 2006.

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
MAY TO DECEMBER 2004
DAILY MEAN VALUES

DAY	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.97	0.90	0.99	1.19	1.15	1.10	0.92	1.10
2	1.08	0.87	0.97	1.18	1.14	1.09	0.91	1.08
3	1.31	0.85	0.96	1.26	1.12	1.13	0.90	1.07
4	1.34	0.89	0.96	1.34	1.10	1.14	0.90	1.06
5	1.30	0.97	0.95	1.34	1.08	1.19	0.90	1.04
6	1.26	0.94	0.92	1.34	1.07	1.17	0.89	1.04
7	1.23	1.08	0.89	1.30	1.06	1.15	0.88	1.03
8	1.21	1.09	0.86	1.25	1.08	1.13	0.86	1.02
9	1.19	1.06	0.83	1.22	1.12	1.11	0.85	1.02
10	1.18	1.04	0.81	1.18	1.11	1.10	0.83	1.18
11	1.15	1.06	0.78	1.15	1.09	1.08	0.83	1.21
12	1.13	1.16	0.77	1.13	1.07	1.06	0.83	1.19
13	1.11	1.13	0.77	1.32	1.05	1.05	0.97	1.17
14	1.09	1.10	0.76	1.39	1.03	1.05	0.96	1.15
15	1.07	1.07	0.73	1.42	1.07	1.06	0.95	1.13
16	1.05	1.05	0.70	1.39	1.15	1.07	0.94	1.11
17	1.03	1.03	0.67	1.35	1.14	1.04	0.93	1.11
18	1.01	1.00	0.68	1.30	1.17	1.02	0.92	1.11
19	0.99	0.98	0.67	1.27	1.17	1.05	0.92	1.10
20	0.98	0.96	0.68	1.24	1.21	1.05	0.91	1.09
21	0.96	0.93	0.67	1.22	1.22	1.05	0.90	1.08
22	1.03	0.91	0.66	1.21	1.19	1.03	0.90	1.08
23	1.13	0.90	0.66	1.19	1.17	1.02	0.90	1.09
24	1.10	0.87	0.96	1.16	1.15	1.01	0.91	1.09
25	1.07	0.87	0.98	1.14	1.13	1.00	0.97	1.08
26	1.05	0.92	1.10	1.11	1.11	0.99	0.96	1.13
27	1.02	0.90	1.11	1.09	1.11	0.98	0.98	1.17
28	1.00	0.95	1.17	1.11	1.14	0.96	1.13	1.15
29	0.97	1.03	1.22	1.14	1.13	0.96	1.12	1.14
30	0.94	1.01	1.20	1.12	1.11	0.95	1.10	1.13
31	0.93	---	1.19	1.12	---	0.94	---	1.12
MEAN	1.09	0.98	0.88	1.23	1.12	1.06	0.93	1.11
MAX	1.34	1.16	1.22	1.42	1.22	1.19	1.13	1.21
MIN	0.93	0.85	0.66	1.09	1.03	0.94	0.83	1.02

Appendix 24. Daily mean water levels in TY-099 Buckridge well HC1000 (U.S. Geological Survey site identification 354437076043601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, May 2004–March 2006.
— Continued

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
JANUARY TO DECEMBER 2005
DAILY MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1.11	1.18	1.22	1.27	1.30	1.05	1.43	1.44	0.97	0.76	1.17	1.15
2	1.10	1.17	1.20	1.36	1.31	1.16	1.39	1.41	0.94	0.74	1.15	1.13
3	1.09	1.16	1.18	1.38	1.29	1.24	1.34	1.36	0.91	0.72	1.13	1.11
4	1.08	1.16	1.16	1.35	1.26	1.25	1.30	1.31	0.89	0.72	1.12	1.14
5	1.07	1.15	1.15	1.32	1.24	1.23	1.26	1.28	0.86	0.72	1.10	1.20
6	1.07	1.13	1.14	1.30	1.45	1.21	1.23	1.24	0.83	0.71	1.08	1.20
7	1.06	1.13	1.13	1.28	1.72	1.19	1.19	1.21	0.81	0.74	1.07	1.18
8	1.05	1.12	1.12	1.28	1.60	---	1.17	1.18	0.79	1.09	1.05	1.16
9	1.04	1.11	1.11	1.27	1.53	---	1.13	1.16	0.77	1.20	1.04	1.17
10	1.03	1.11	1.10	1.25	1.48	1.11	1.10	1.14	0.75	1.26	1.03	1.16
11	1.02	1.09	1.09	1.23	1.44	1.08	1.07	1.12	0.73	1.29	1.01	1.15
12	1.02	1.08	1.09	1.22	1.41	1.06	1.04	1.09	0.71	1.27	0.99	1.14
13	1.01	1.07	1.08	1.29	1.38	1.03	1.06	1.06	0.71	1.24	0.97	1.12
14	1.09	1.07	1.11	1.33	1.36	1.01	1.07	1.04	0.70	1.22	0.96	1.11
15	1.19	1.10	1.11	1.30	1.34	0.98	1.07	1.01	0.79	1.19	0.95	1.12
16	1.22	1.09	1.12	1.29	1.32	0.96	1.13	1.03	0.87	1.16	0.94	1.21
17	1.22	1.08	1.19	1.29	1.30	0.93	1.10	1.09	0.88	1.14	0.94	1.19
18	1.20	1.07	1.22	1.28	1.27	0.91	1.08	1.08	0.90	1.11	0.93	1.23
19	1.18	1.06	1.21	1.26	1.26	0.88	1.05	1.06	0.94	1.09	0.92	1.24
20	1.17	1.05	1.20	1.24	1.25	0.86	1.02	1.04	0.93	1.07	0.90	1.22
21	1.16	1.05	1.19	1.23	1.24	0.83	1.00	1.04	0.91	1.06	1.03	1.20
22	1.15	1.04	1.17	1.23	1.23	0.81	1.01	1.07	0.90	1.15	1.16	1.19
23	1.15	1.03	1.19	1.22	1.21	0.79	1.08	1.07	0.88	1.23	1.14	1.17
24	1.13	1.09	1.21	1.21	1.19	0.76	1.06	1.11	0.86	1.27	1.13	1.16
25	1.12	1.13	1.19	1.19	1.18	0.74	1.03	1.09	0.84	1.32	1.11	1.16
26	1.12	1.11	1.18	1.17	1.16	0.88	1.01	1.07	0.83	1.27	1.10	1.17
27	1.12	1.10	1.17	1.21	1.14	0.97	0.99	1.05	0.82	1.24	1.09	1.15
28	1.10	1.21	1.26	1.19	1.12	0.98	0.97	1.04	0.80	1.24	1.08	1.14
29	1.09	---	1.32	1.17	1.12	1.23	1.08	1.04	0.79	1.23	1.07	1.16
30	1.17	---	1.30	1.17	1.09	1.34	1.20	1.02	0.78	1.21	1.15	1.15
31	1.20	---	1.28	---	1.07	---	1.24	0.99	---	1.18	---	1.14
MEAN	1.11	1.10	1.17	1.26	1.30	---	1.13	1.13	0.84	1.09	1.05	1.17
MAX	1.22	1.21	1.32	1.38	1.72	---	1.43	1.44	0.97	1.32	1.17	1.24
MIN	1.01	1.03	1.08	1.17	1.07	---	0.97	0.99	0.70	0.71	0.90	1.11

Appendix 24. Daily mean water levels in TY-099 Buckridge well HC1000 (U.S. Geological Survey site identification 354437076043601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, May 2004–March 2006. — Continued

[NAVD 88, North American Vertical Datum of 1988; ---, no data; MAX, maximum; MIN, minimum]

WATER LEVEL, IN FEET ABOVE NAVD 88
JANUARY TO MARCH 2006
DAILY MEAN VALUES

DAY	JAN	FEB	MAR
1	1.12	1.06	0.90
2	1.12	1.05	0.89
3	1.20	1.05	0.88
4	1.19	1.04	0.86
5	1.18	1.04	0.85
6	1.17	1.02	0.85
7	1.16	1.02	0.84
8	1.14	1.01	0.83
9	1.13	1.00	0.82
10	1.11	0.99	0.81
11	1.10	1.00	0.79
12	1.09	1.01	0.78
13	1.08	0.99	0.77
14	1.11	0.98	0.75
15	1.11	0.97	---
16	1.09	0.95	---
17	1.08	0.94	---
18	1.08	0.93	---
19	1.06	0.92	---
20	1.05	0.92	---
21	1.05	0.91	---
22	1.06	0.90	---
23	1.06	0.97	---
24	1.10	0.96	---
25	1.10	0.94	---
26	1.08	0.93	---
27	1.06	0.91	---
28	1.05	0.91	---
29	1.04	---	---
30	1.04	---	---
31	1.06	---	---
MEAN	1.10	0.98	---
MAX	1.20	1.06	---
MIN	1.04	0.90	---

Appendix 25. Water-quality profile measurements in Juniper Road canal (site 1, U.S. Geological Survey site identification 354400076043101) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–January 2006.

[ft, feet; °C, degrees Celsius; µS/cm, microsiemens per centimeter at 25 degrees Celsius; mg/L, milligrams per liter; --, not measured. Depth is reported in feet above or below (-) North American Vertical Datum of 1988]

Date	Depth (ft)	Water temperature (°C)	Specific conductance (µS/cm)	Dissolved oxygen (mg/L)	pH
2/5/2004	0.95	8.0	300	–	4.8
	0.12	6.8	300	–	4.8
	-0.87	5.1	300	–	4.7
	-1.89	4.9	300	–	4.7
	-2.88	4.9	310	–	4.7
	-3.75	5.0	320	–	4.7
	-4.26	5.1	340	–	4.9
	-4.89	5.4	510	–	5.8
	-5.37	5.9	1,210	–	6.5
	-5.59	6.8	2,130	–	6.3
-5.91	7.0	3,500	–	6.5	
5/19/2004	-0.17	23.5	319	0.1	4.3
	-1.27	22.7	318	0.1	4.3
	-2.37	21.6	326	0.1	4.3
	-3.17	20.8	335	0.1	4.4
	-4.17	19.1	468	0.1	4.8
	-5.27	15.7	1,270	0.1	5.6
	-5.67	15.3	2,040	0.1	5.8
6/24/2004	-0.51	24.1	369	0.1	4.3
	-1.41	23.6	370	0.1	4.4
	-2.41	23.4	377	0.1	4.4
	-3.41	23.2	382	0.1	4.5
	-4.31	21.7	586	0.1	5.2
	-5.51	19.8	1,300	0.2	5.8
	-6.01	19.0	4,060	0.2	5.9
8/19/2004	0.09	25.6	281	0.1	4.1
	-0.91	23.5	240	0.1	4.2
	-1.81	22.6	232	0.2	4.2
	-2.81	22.3	238	0.2	4.2
	-3.91	22.2	251	0.1	4.3
	-4.81	21.4	472	0.2	5.3
	-5.81	21.2	2,820	0.2	5.8

Appendix 25. Water-quality profile measurements in Juniper Road canal (site 1, U.S. Geological Survey site identification 354400076043101) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–January 2006.

— Continued

[ft, feet; °C, degrees Celsius; $\mu\text{S}/\text{cm}$, microsiemens per centimeter at 25 degrees Celsius; mg/L, milligrams per liter; --, not measured. Depth is reported in feet above or below (-) North American Vertical Datum of 1988]

Date	Depth (ft)	Water temperature (°C)	Specific conductance ($\mu\text{S}/\text{cm}$)	Dissolved oxygen (mg/L)	pH
9/22/2004	-0.05	19.6	370	0.1	4.1
	-1.05	19.6	371	0.2	4.1
	-2.05	19.6	371	0.2	4.2
	-3.05	19.6	371	0.2	4.2
	-4.15	19.6	371	0.1	4.2
	-5.15	19.7	371	0.2	4.3
	-5.75	19.9	562	0.2	5.1
10/21/2004	-0.22	18.1	469	0.2	4.1
	-1.25	17.3	409	0.2	4.2
	-2.25	16.7	362	0.1	4.2
	-3.23	16.3	368	0.2	4.2
	-4.26	15.9	387	0.3	4.2
	-5.24	15.9	391	0.4	4.3
	-5.56	15.9	449	0.5	4.5
11/17/2004	-0.39	9.6	504	0.4	4.0
	-1.41	9.6	505	0.4	4.0
	-2.42	9.6	505	0.4	4.0
	-3.40	9.6	506	0.5	4.0
	-4.44	9.6	505	0.5	4.0
	-5.43	9.6	506	0.4	4.0
	-5.70	9.8	516	0.5	4.3
1/5/2005	-0.07	8.4	348	–	4.1
	-1.33	8.1	345	–	4.1
	-3.26	7.9	343	–	4.1
	-4.93	7.9	345	–	4.1
	-5.43	7.9	345	–	4.2
2/9/2005	0.31	5.9	339	0.2	4.0
	-0.19	5.8	340	0.2	4.0
	-1.19	5.7	342	0.2	4.0
	-2.18	5.7	345	0.2	4.0
	-3.19	5.6	348	0.1	4.3
	-3.39	5.7	371	0.3	4.3
	-3.48	5.7	429	0.1	4.3
	-3.58	5.7	621	0.2	4.7
	-3.68	5.7	1020	0.1	4.8
	-3.79	6.0	1710	0.2	5.5
	-3.91	6.4	2100	0.2	5.5

Appendix 25. Water-quality profile measurements in Juniper Road canal (site 1, U.S. Geological Survey site identification 354400076043101) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, February 2004–January 2006.

— Continued

[ft, feet; °C, degrees Celsius; µS/cm, microsiemens per centimeter at 25 degrees Celsius; mg/L, milligrams per liter; --, not measured. Depth is reported in feet above or below (-) North American Vertical Datum of 1988]

Date	Depth (ft)	Water temperature (°C)	Specific conductance (µS/cm)	Dissolved oxygen (mg/L)	pH
2/16/2005	-0.20	7.0	360	0.2	3.7
	-1.21	7.0	359	0.2	3.7
	-2.25	7.0	358	0.3	3.7
	-3.19	7.0	359	0.2	3.7
	-4.21	7.0	358	0.3	3.7
	-5.29	7.0	366	0.2	3.7
	-5.71	7.1	436	0.2	4.0
4/21/2005	0.67	13.4	218	0.1	4.2
	-1.03	12.8	212	0.1	4.2
	-3.03	12.8	212	0.1	4.3
	-4.33	12.8	212	0.1	4.3
	-5.43	12.2	283	0.1	5.1
6/9/2005	0.30	22.0	192	0.1	4.2
	-1.10	21.6	189	0.2	4.2
	-3.10	21.3	189	0.1	4.2
	-4.10	21.2	189	0.2	4.2
	-4.60	21.1	191	0.2	4.3
	-5.20	20.4	387	0.3	5.2
	-5.60	19.7	614	0.2	5.5
9/9/2005	-0.21	23.0	286	0.1	4.0
	-1.71	22.3	287	0.1	4.0
	-3.71	22.2	288	0.2	4.0
	-4.71	22.2	287	0.2	3.9
	-5.31	22.2	287	0.2	4.0
10/13/2005	0.43	20.9	509	0.1	4.1
	-0.09	20.9	512	0.1	4.1
	-1.08	20.9	514	0.2	4.1
	-2.08	20.9	526	0.1	4.1
	-3.08	20.8	572	0.2	4.2
	-4.08	22.7	4,620	0.1	5.6
	-5.05	22.8	5,080	0.2	5.9
	-5.51	22.5	5,090	0.2	6.0
1/11/2006	0.23	8.0	267	0.6	3.6
	-1.27	8.0	267	0.5	3.6
	-2.47	8.0	266	0.5	3.6
	-4.17	8.0	266	0.6	3.6
	-5.17	8.0	265	0.6	3.6

Appendix 26. Water-quality profile measurements in Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, September 2003–March 2006.

[ft, feet; °C, degrees Celsius; $\mu\text{S}/\text{cm}$, microsiemens per centimeter at 25 degrees Celsius; mg/L, milligrams per liter; --, not measured. Depth is reported in feet above or below (-) North American Vertical Datum of 1988]

Date	Depth (ft)	Water temperature (°C)	Specific conductance ($\mu\text{S}/\text{cm}$)	Dissolved oxygen (mg/L)	pH
09-25-03 ^a	0.24	22.6	370	–	4.3
	1.01	21.6	373	–	4.3
	2.04	21.4	374	–	4.3
	3.03	21.4	374	–	4.3
	3.90	21.4	377	–	4.3
	5.03	21.2	474	–	4.6
	5.58	21.0	538	–	4.9
	5.94	20.8	1,250	–	5.2
	6.06	20.8	2,150	–	5.4
	6.26	20.5	5,210	–	5.7
	6.80	20.2	7,600	–	5.7
12/6/2003	0.09	7.8	458	–	–
	-0.91	7.8	460	–	–
	-1.91	7.8	467	–	–
	-2.91	7.9	519	–	–
	-3.91	7.9	475	–	–
	-4.41	9.2	3,020	–	–
	-4.91	9.8	4,250	–	–
2/5/2004	0.5	4.0	280	–	4.6
	-0.55	3.9	284	–	4.7
	-1.57	4.0	317	–	4.8
	-2.51	4.2	375	–	4.9
	-3.02	4.4	481	–	5.3
	-3.55	4.7	735	–	6.1
	-3.63	4.9	1,000	–	6.2
	-3.8	5.0	1,490	–	6.1
	-4.01	5.4	2,710	–	6.3
	-4.55	5.9	4,780	–	6.3
2/23/2004	0.3	8.3	285	3.2	4.1
	-0.7	5.6	281	1.4	4.0
	-1.7	5.5	280	1.5	4.0
	-2.6	5.5	284	1.4	4.0
	-3.7	5.6	394	0.7	4.3
	-4.2	6.0	2,350	0.4	5.6
	-4.7	6.5	4,050	0.4	5.8

Appendix 26. Water-quality profile measurements in Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, September 2003–March 2006.
— Continued

[ft, feet; °C, degrees Celsius; µS/cm, microsiemens per centimeter at 25 degrees Celsius; mg/L, milligrams per liter; --, not measured. Depth is reported in feet above or below (-) North American Vertical Datum of 1988]

Date	Depth (ft)	Water temperature (°C)	Specific conductance (µS/cm)	Dissolved oxygen (mg/L)	pH
3/18/2004	0.23	9.1	290	0.7	4.2
	-0.77	8.7	291	0.7	4.2
	-1.67	8.6	293	0.7	4.2
	-2.77	8.6	296	0.8	4.2
	-3.77	8.6	2,160	0.3	5.8
	-4.47	8.5	4,290	0.4	5.9
4/23/2004	0.14	18.8	307	0.4	4.2
	-0.96	15.5	331	0.2	4.3
	-1.96	13.2	322	0.2	4.3
	-2.96	12.0	372	0.2	4.4
	-3.46	11.6	725	0.2	5.0
	-3.96	11.8	2,480	0.5	5.7
	-4.76	12.3	3,290	0.7	5.8
5/19/2004	-0.07	22.0	284	0.1	4.3
	-0.97	21.1	290	0.3	4.4
	-2.07	19.7	319	0.2	4.5
	-3.07	16.8	844	0.3	5.2
	-4.07	15.3	3,300	0.4	5.7
	-4.37	16.1	3,950	0.5	5.8
6/24/2004	-0.32	24.8	328	0.1	4.3
	-1.32	23.6	347	0.1	4.4
	-2.32	22.4	412	0.1	4.6
	-2.82	21.3	607	0.1	4.9
	-3.32	20.1	1,420	0.1	5.4
	-3.82	18.7	2,510	0.1	5.7
	-4.32	18.3	3,020	0.1	5.7
	-4.62	18.3	3,740	0.2	5.8
7/22/2004	-0.37	24.2	430	0.1	4.1
	-1.47	23.8	443	0.1	4.2
	-2.47	22.7	644	0.1	4.7
	-3.07	21.9	1,124	0.1	5.3
	-3.37	21.0	2,250	0.1	5.6
	-4.47	20.2	3,950	0.1	5.8

Appendix 26. Water-quality profile measurements in Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, September 2003–March 2006.
— Continued

[ft, feet; °C, degrees Celsius; $\mu\text{S}/\text{cm}$, microsiemens per centimeter at 25 degrees Celsius; mg/L, milligrams per liter; --, not measured. Depth is reported in feet above or below (-) North American Vertical Datum of 1988]

Date	Depth (ft)	Water temperature (°C)	Specific conductance ($\mu\text{S}/\text{cm}$)	Dissolved oxygen (mg/L)	pH
8/19/2004	0.19	22.5	181	0.2	4.2
	-0.81	22.3	185	0.2	4.2
	-1.81	22.1	198	0.1	4.3
	-2.31	22.0	255	0.2	4.4
	-2.81	21.8	578	0.1	4.9
	-3.31	21.2	1,530	0.1	5.4
	-3.81	20.7	2,810	0.2	5.6
	-4.41	20.3	3,580	0.2	5.7
9/22/2004	-0.03	19.7	299	0.2	4.6
	-1.03	19.6	301	0.2	4.4
	-2.03	19.6	303	0.2	4.5
	-2.53	19.6	306	0.2	4.6
	-3.03	19.6	349	0.2	4.6
	-3.53	20.1	1,380	0.2	5.9
	-4.03	20.6	2,830	0.2	6.3
	-4.43	20.4	3,180	0.2	6.4
10/21/2004	-0.12	16.8	360	0.2	3.9
	-1.11	15.9	385	0.2	4.1
	-2.11	15.5	404	0.2	4.2
	-3.1	15.5	422	0.2	4.3
	-3.61	15.8	970	0.2	5.6
	-4.11	16.2	2,060	0.2	5.8
	-4.57	16.4	2,970	0.2	6.1
11/17/2004	-0.12	9.3	460	0.8	3.7
	-1.16	9.1	461	0.8	3.7
	-2.18	9.1	462	0.9	3.7
	-3.19	9.1	465	0.9	3.6
	-3.68	9.5	758	0.4	4.3
	-4.18	10.9	2,010	0.3	5.4
	-4.49	12.4	2,280	0.3	5.7
1/4/2005	-0.07	6.9	324	--	4.2
	-1.07	6.7	325	--	4.2
	-2.07	6.7	328	--	4.2
	-3.07	6.6	337	--	4.6
	-4.07	6.8	374	--	4.6
	-4.17	7.0	345	--	5.5
	-4.22	6.9	584	--	5.8
	-4.27	6.9	1,180	--	5.8
	-4.37	6.8	2,090	--	5.9
	-4.47	6.8	2,600	--	5.9
	-4.63	7.4	2,680	--	--

Appendix 26. Water-quality profile measurements in Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, September 2003–March 2006.
— Continued

[ft, feet; °C, degrees Celsius; $\mu\text{S}/\text{cm}$, microsiemens per centimeter at 25 degrees Celsius; mg/L, milligrams per liter; --, not measured. Depth is reported in feet above or below (-) North American Vertical Datum of 1988]

Date	Depth (ft)	Water temperature (°C)	Specific conductance ($\mu\text{S}/\text{cm}$)	Dissolved oxygen (mg/L)	pH
2/9/2005	0.41	6.1	340	0.2	4.0
	-0.1	5.9	337	0.2	4.0
	-0.6	5.8	337	0.2	4.0
	-1.08	5.7	339	0.2	4.0
	-1.59	5.7	340	0.2	4.0
	-2.09	5.7	340	0.1	4.1
	-2.59	5.6	341	0.2	4.1
	-3.09	5.6	342	0.1	4.1
	-3.60	5.7	344	0.1	4.4
	-4.08	5.7	346	<0.1	5.4
	-4.18	5.7	377	<0.1	5.8
	-4.29	5.7	820	0.1	5.9
	-4.39	5.8	1,460	<0.1	5.9
	-4.50	5.8	1,890	0.2	6.0
-4.60	5.9	1,800	0.2	6.0	
2/10/2005	0.40	6.98	341	0.7	4.0
	-0.10	6.65	340	0.4	4.0
	-1.10	6.25	340	0.1	4.0
	-2.10	6.15	342	0.1	4.0
	-3.10	6.13	344	0.2	4.1
	-3.61	6.13	346	0.1	4.2
	-3.99	6.17	371	0.1	4.3
	-4.08	6.15	431	0.1	4.4
	-4.19	6.14	674	0.1	4.7
	-4.29	6.14	1,250	0.1	5.3
	-4.37	6.14	1,330	<0.1	5.6
	-4.39	6.32	2,420	0.2	5.6
-4.50	6.39	2,710	0.3	5.6	
2/16/2005	-0.12	6.8	343	0.4	3.8
	-1.13	6.8	343	0.3	3.8
	-2.13	6.7	347	0.3	3.9
	-3.15	7.3	345	0.3	4.1
	-3.65	7.6	431	0.3	4.9
	-4.15	7.9	478	0.3	5.6
	-4.36	7.8	1,650	0.3	5.7
	-4.55	10.0	1,610	0.3	5.9

Appendix 26. Water-quality profile measurements in Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, September 2003–March 2006.
— Continued

[ft, feet; °C, degrees Celsius; $\mu\text{S}/\text{cm}$, microsiemens per centimeter at 25 degrees Celsius; mg/L, milligrams per liter; --, not measured. Depth is reported in feet above or below (-) North American Vertical Datum of 1988]

Date	Depth (ft)	Water temperature (°C)	Specific conductance ($\mu\text{S}/\text{cm}$)	Dissolved oxygen (mg/L)	pH
4/20/2005	0.79	13.5	214	<0.1	4.2
	0.29	12.4	201	<0.1	4.2
	-0.91	11.4	198	<0.1	4.2
	-2.91	11.2	200	<0.1	4.3
	-3.71	11.1	223	<0.1	4.4
	-4.01	11.1	442	<0.1	4.9
	-4.31	11.2	523	<0.1	5.4
	-4.51	11.3	1,610	0.1	5.7
05-24-05	0.71	18.5	171	0.1	4.3
	-0.49	17.7	172	<0.1	4.3
	-1.49	17.6	175	<0.1	4.4
	-2.49	17.5	178	<0.1	4.4
	-3.49	17.4	184	0.1	4.4
	-3.89	17.3	233	<0.1	4.5
	-4.09	17.2	354	<0.1	4.8
	-4.49	16.9	708	0.1	5.5
06-07-05	0.48	21.5	177	0.1	4.2
	-1.02	19.9	173	<0.1	4.3
	-2.02	19.3	174	0.1	4.3
	-3.02	18.7	185	<0.1	4.3
	-3.52	18.1	282	0.2	4.4
	-3.82	17.7	451	0.1	4.8
	-4.02	17.5	804	0.2	5.1
	-4.42	17.5	1,290	0.2	5.4
08-02-05	0.62	24.3	199	<0.1	4.3
	-0.38	24.3	197	<0.1	4.3
	-1.48	24.2	195	<0.1	4.3
	-2.48	24.1	201	0.1	4.4
	-3.48	23.8	257	0.1	4.5
	-3.98	23.4	690	0.1	5.2
	-4.28	23.3	1,010	0.1	5.6
	09-09-05	0.11	22.3	335	0.1
-0.69		22.2	325	0.1	4.0
-2.19		22.1	321	0.1	4.1
-3.69		22.1	325	0.1	4.1
-4.29		22.1	541	0.1	4.4
-4.49		22.1	909	0.1	5.2

Appendix 26. Water-quality profile measurements in Juniper Road canal (site 2, U.S. Geological Survey site identification 354428076044301) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, September 2003–March 2006.

— Continued

[ft, feet; °C, degrees Celsius; $\mu\text{S}/\text{cm}$, microsiemens per centimeter at 25 degrees Celsius; mg/L, milligrams per liter; --, not measured. Depth is reported in feet above or below (-) North American Vertical Datum of 1988]

Date	Depth (ft)	Water temperature (°C)	Specific conductance ($\mu\text{S}/\text{cm}$)	Dissolved oxygen (mg/L)	pH
10/13/2005	-0.05	20.9	382	0.1	4.0
	-1.06	20.9	384	0.1	4.0
	-2.05	20.9	385	0.2	4.1
	-3.06	20.9	386	0.2	4.1
	-4.06	20.9	451	0.3	4.5
	-4.67	20.8	1,480	0.5	6.2
1/10/2006	0.45	7.0	280	0.3	3.6
	-0.85	6.9	281	0.2	3.6
	-2.35	6.8	283	0.2	3.6
	-3.35	6.8	284	0.2	3.6
	-3.85	6.8	284	0.2	3.6
	-4.15	6.9	285	0.2	3.6
	-4.55	6.9	373	0.2	4.0
3/15/2006	-0.83	11.0	573	0.3	3.8
	-1.84	10.9	573	0.2	3.7
	-2.84	10.9	573	0.3	3.7
	-3.85	10.8	576	0.5	3.7
	-4.39	10.8	953	0.9	4.9

^aDepths for this date are in feet below water surface.

Appendix 27. Water-quality profile measurements in spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, September 2003–March 2006.

[ft, feet; °C, degrees Celsius; µS/cm, microsiemens per centimeter at 25 degrees Celsius; mg/L, milligrams per liter; --, not measured. Depth is reported in feet above or below (-) North American Vertical Datum of 1988]

Date	Depth (ft)	Water temperature (°C)	Specific conductance (µS/cm)	Dissolved oxygen (mg/L)	pH
09/24/03 ^a	0.24	21.1	216	–	3.9
	1.19	21.1	216	–	3.9
	2.55	21.1	217	–	3.9
	3.84	21.0	223	–	3.9
	4.75	20.3	317	–	3.9
	5.76	18.9	752	–	3.9
	6.75	18.0	921	–	4.0
2/5/2004 ^a	0.25	3.6	309	–	4.1
	1.40	3.9	328	–	4.1
	2.34	4.4	352	–	4.1
	3.30	4.9	367	–	4.1
	4.61	5.0	369	–	4.1
	5.37	5.2	375	–	4.1
	6.40	5.5	392	–	4.2
3/17/2004 ^a	1.10	8.8	292	2.2	3.9
	2.00	7.6	309	0.5	3.8
	3.00	6.7	317	0.2	3.9
	4.10	6.4	333	0.2	3.9
	5.00	6.5	344	0.2	3.9
	6.00	6.6	403	0.3	4.0
	7.00	6.8	594	0.4	4.0
	7.50	7.4	1,140	0.6	4.3
	8.00	7.6	1,340	0.8	4.3
	9.00	7.8	1,340	0.3	4.4
9.30	7.9	1,350	0.4	4.4	
3/18/2004	0.20	7.6	292	1.3	3.8
	-0.80	7.5	293	1.3	3.8
	-1.80	6.7	317	0.4	3.9
	-2.80	6.5	323	0.4	4.0
	-3.80	6.7	325	0.4	4.0
	-4.80	7.0	387	0.4	4.0
	-5.80	7.3	496	0.5	4.2
	-6.90	8.4	1,340	0.6	4.4
	-7.80	9.1	1,330	0.6	4.4
	-8.30	9.4	1,380	0.7	4.5

Appendix 27. Water-quality profile measurements in spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, September 2003–March 2006. — Continued

[ft, feet; °C, degrees Celsius; µS/cm, microsiemens per centimeter at 25 degrees Celsius; mg/L, milligrams per liter; --, not measured. Depth is reported in feet above or below (-) North American Vertical Datum of 1988]

Date	Depth (ft)	Water temperature (°C)	Specific conductance (µS/cm)	Dissolved oxygen (mg/L)	pH
4/23/2004	0.02	15.9	302	0.4	3.9
	-0.98	11.6	312	0.2	3.8
	-1.98	9.5	316	0.2	3.8
	-2.98	8.7	315	0.2	3.8
	-3.98	8.3	338	0.3	3.9
	-5.08	8.2	411	0.4	3.9
	-5.98	8.7	703	0.5	4.1
	-6.98	9.0	1,300	0.6	4.3
	-8.08	9.2	1,320	0.9	4.3
5/19/2004	-0.02	18.8	259	0.3	3.9
	-1.02	15.4	303	0.1	3.9
	-2.02	12.7	324	0.1	3.9
	-3.02	11.2	330	0.1	3.9
	-4.02	10.2	357	0.1	4.0
	-5.02	9.7	482	0.1	4.0
	-6.02	9.7	909	0.1	4.1
	-7.12	9.8	1,290	0.2	4.2
	-7.92	10.0	1,320	0.2	4.3
6/24/2004	-0.13	23.1	263	0.2	3.9
	-1.13	20.7	278	0.1	3.8
	-2.13	18.0	305	0.1	3.8
	-3.13	15.5	352	0.2	4.0
	-4.13	13.8	383	0.2	4.0
	-5.13	12.5	501	0.1	4.1
	-5.63	12.0	606	0.1	4.2
	-6.23	11.5	844	0.2	4.2
	-6.63	11.3	1,020	0.2	4.3
	-7.13	11.1	1,170	0.2	4.4
	-7.63	11.1	1,240	0.2	4.4
	-8.13	11.1	1,280	0.3	4.6
-8.43	11.8	1,270	0.3	4.6	
7/22/2004	-0.33	22.5	315	0.1	3.8
	-1.33	21.5	326	0.1	3.8
	-2.23	19.3	340	0.1	3.9
	-3.33	16.9	386	0.1	4.1
	-4.23	15.3	470	0.1	4.1
	-5.43	13.8	691	0.1	4.2
	-6.33	12.9	939	0.2	4.3
	-7.33	12.6	1,170	0.2	4.4
	-8.13	13.9	1,200	0.2	4.6

Appendix 27. Water-quality profile measurements in spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, September 2003–March 2006. — Continued

[ft, feet; °C, degrees Celsius; $\mu\text{S}/\text{cm}$, microsiemens per centimeter at 25 degrees Celsius; mg/L, milligrams per liter; --, not measured. Depth is reported in feet above or below (-) North American Vertical Datum of 1988]

Date	Depth (ft)	Water temperature (°C)	Specific conductance ($\mu\text{S}/\text{cm}$)	Dissolved oxygen (mg/L)	pH
8/20/2004	0.23	23.1	175	0.3	3.9
	-0.77	21.7	178	0.1	4.0
	-1.77	20.9	212	0.1	4.1
	-2.77	19.3	342	0.1	4.1
	-3.77	17.6	413	0.2	4.2
	-4.27	16.8	473	0.1	4.2
	-4.77	16.2	551	0.2	4.2
	-5.27	15.6	657	0.2	4.2
	-5.77	14.7	824	0.2	4.2
	-6.27	14.2	965	0.2	4.3
	-6.77	13.7	1,070	0.2	4.4
	-7.27	13.6	1,150	0.2	4.6
	-7.77	13.9	1,180	0.3	4.7
-8.27	13.8	1,180	0.3	5.1	
9/22/2004	0.19	18.7	245	0.1	3.8
	-0.81	18.7	245	0.1	3.8
	-1.81	18.6	245	0.1	3.7
	-2.91	18.6	253	0.1	3.7
	-3.81	18.3	374	0.1	4.1
	-4.81	17.3	541	0.1	4.3
	-5.81	16.3	779	0.2	4.3
	-6.41	15.7	891	0.2	4.4
	-6.81	15.3	987	0.1	4.5
	-7.31	15.0	1,060	0.2	4.6
	-7.81	14.6	1,130	0.2	5.2
-8.21	14.5	1,170	0.2	5.7	
10/21/2004	0.05	17.0	279	0.2	3.8
	-0.97	15.6	279	0.1	3.9
	-1.95	15.2	282	0.2	3.9
	-2.95	15.0	288	0.2	3.9
	-3.98	15.0	295	0.1	3.9
	-4.97	14.9	296	0.1	3.8
	-5.46	14.9	412	0.2	3.9
	-5.96	15.0	726	0.1	4.2
	-6.46	15.0	860	0.3	4.3
	-6.96	15.1	987	0.2	4.5
	-7.45	15.0	1,060	0.1	4.7
	-7.95	14.9	1,110	0.2	5.3
	-8.31	14.8	1,190	0.3	5.7

Appendix 27. Water-quality profile measurements in spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, September 2003–March 2006. — Continued

[ft, feet; °C, degrees Celsius; µS/cm, microsiemens per centimeter at 25 degrees Celsius; mg/L, milligrams per liter; --, not measured. Depth is reported in feet above or below (-) North American Vertical Datum of 1988]

Date	Depth (ft)	Water temperature (°C)	Specific conductance (µS/cm)	Dissolved oxygen (mg/L)	pH
11/17/2004	-0.07	9.3	297	0.3	3.8
	-1.08	9.2	297	0.1	3.8
	-2.06	9.2	297	0.1	3.7
	-3.06	9.2	297	0.2	3.7
	-4.08	9.2	296	0.1	3.7
	-5.07	9.2	296	0.2	3.7
	-6.08	9.2	303	0.2	3.7
	-7.07	9.6	643	0.3	3.9
	-7.57	10.2	890	0.3	4.3
	-8.07	10.7	1,010	0.3	4.8
	-8.26	11.0	1,060	0.4	5.0
1/5/2005	0.08	6.1	296	–	3.8
	-0.92	5.1	295	–	3.8
	-1.92	4.9	295	–	3.8
	-2.92	4.9	295	–	3.9
	-3.92	4.9	296	–	4.0
	-4.92	4.9	296	–	4.0
	-5.92	4.9	296	–	3.9
	-6.42	4.9	301	–	3.9
	-6.92	5.1	312	–	4.0
	-7.12	5.1	356	–	4.2
	-7.22	5.3	517	–	4.3
	-7.32	5.4	543	–	4.4
	-7.42	5.6	548	–	4.4
	-7.52	5.7	628	–	4.4
	-7.62	6.1	630	–	4.5
-8.22	6.3	685	–	4.6	
2/9/2005	0.58	6.2	278	3.4	3.9
	0.10	5.0	283	3.0	4.1
	-0.90	4.6	284	1.8	4.5
	-1.90	4.7	286	1.4	4.0
	-2.90	4.7	286	0.8	4.3
	-3.90	4.9	290	0.2	4.2
	-4.90	5.0	291	0.1	4.2
	-5.40	5.0	290	0.1	4.0
	-5.90	5.0	291	0.2	3.9
	-6.40	5.1	292	0.2	3.9
	-6.90	5.3	430	0.2	3.9
	-7.40	5.8	631	0.2	4.3
	-7.98	6.3	652	0.2	4.4

Appendix 27. Water-quality profile measurements in spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, September 2003–March 2006. — Continued

[ft, feet; °C, degrees Celsius; µS/cm, microsiemens per centimeter at 25 degrees Celsius; mg/L, milligrams per liter; --, not measured. Depth is reported in feet above or below (-) North American Vertical Datum of 1988]

Date	Depth (ft)	Water temperature (°C)	Specific conductance (µS/cm)	Dissolved oxygen (mg/L)	pH
2/16/2005	0.11	5.5	288	0.8	3.5
	-0.9	4.8	289	0.8	3.4
	-1.9	4.6	289	0.7	3.5
	-2.91	4.6	290	0.8	3.8
	-3.91	4.6	291	0.8	3.8
	-4.94	4.6	291	0.7	3.7
	-5.91	4.6	292	0.8	3.6
	-6.41	4.7	299	0.7	3.6
	-6.92	5.7	501	0.3	3.7
	-7.42	6.1	650	0.3	3.9
	-7.91	6.6	665	0.3	4.2
	-8.14	7.1	701	0.3	4.6
3/29/2005	0.35	9.2	258	2.3	3.8
	-1.66	6.4	264	0.5	4.2
	-3.65	6.0	267	0.2	4.2
	-4.73	6.0	269	0.3	4.2
	-5.62	6.0	270	0.4	4.3
	-6.4	6.4	378	0.5	4.5
	-6.7	6.7	556	0.6	4.6
	-7.76	7.1	616	1.1	4.8
4/20/2005	1.04	14.0	206	3.0	3.8
	0.24	10.3	206	2.1	3.8
	-0.76	9.1	207	1.8	3.8
	-1.76	8.2	223	<0.1	3.7
	-2.76	7.9	227	0.1	3.8
	-4.56	7.5	234	0.1	3.8
	-5.76	7.4	246	0.1	3.9
	-6.16	7.5	314	0.1	4.0
	-6.46	7.6	408	0.1	4.1
	-6.76	7.8	511	0.3	4.2
-7.86	7.9	543	0.4	4.4	
5/25/2005	0.66	15.6	158	0.9	4.0
	-0.34	15.2	158	0.3	4.0
	-1.34	13.4	167	<0.1	4.1
	-2.34	11.9	187	<0.1	4.1
	-3.34	10.8	213	0.1	4.1
	-4.34	10.0	224	<0.1	4.1
	-5.34	9.5	255	0.1	4.1
	-6.34	9.2	392	0.1	4.2
	-7.34	9.1	510	0.1	4.4
	-8.04	9.1	554	0.1	4.5

Appendix 27. Water-quality profile measurements in spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, September 2003–March 2006. — Continued

[ft, feet; °C, degrees Celsius; $\mu\text{S}/\text{cm}$, microsiemens per centimeter at 25 degrees Celsius; mg/L, milligrams per liter; --, not measured. Depth is reported in feet above or below (-) North American Vertical Datum of 1988]

Date	Depth (ft)	Water temperature (°C)	Specific conductance ($\mu\text{S}/\text{cm}$)	Dissolved oxygen (mg/L)	pH
6/8/2005	0.66	21.5	171	0.1	4.0
	-0.34	17.1	184	0.1	3.8
	-1.34	14.7	186	0.1	3.9
	-2.34	12.8	201	0.1	3.9
	-3.34	11.4	222	0.1	3.9
	-4.34	10.9	234	0.1	3.9
	-5.34	10.1	288	0.2	3.9
	-6.34	9.9	384	0.3	4.0
	-6.84	9.7	456	0.2	4.1
	-7.34	9.7	535	0.5	4.2
-8.24	9.8	587	0.8	4.4	
8/2/2005	0.88	24.0	133	0.1	4.0
	-0.62	22.5	169	<0.1	3.9
	-2.62	17.4	202	0.1	4.0
	-3.62	15.8	221	<0.1	4.1
	-4.62	14.3	293	0.1	4.0
	-5.62	13.1	379	0.1	4.1
	-6.02	12.7	411	0.1	4.1
	-6.62	12.2	469	0.1	4.1
-8.02	12.0	526	0.1	4.5	
9/9/2005	0.3	21.9	176	0.2	3.7
	-1.2	21.7	175	0.1	3.7
	-2.2	21.0	180	0.1	3.8
	-3.2	19.2	210	0.1	3.9
	-4.2	17.6	250	0.1	4.0
	-5.2	15.9	362	0.1	4.0
	-6.2	14.6	443	0.2	4.1
	-7.2	13.7	521	0.1	4.2
-8.2	13.6	568	0.3	4.5	
10/13/2005	0.25	20.2	201	0.2	3.9
	0.23	20.2	200	0.1	4.0
	-0.76	20.1	201	0.2	3.9
	-1.76	20.1	203	0.1	3.9
	-2.74	19.9	247	0.1	4.0
	-3.76	18.7	264	0.2	4.1
	-4.75	17.4	368	0.2	4.2
	-5.74	16.4	479	0.2	4.3
	-6.76	15.5	589	0.2	4.4
	-7.75	14.8	687	0.3	4.6
-8.05	14.7	711	0.3	4.8	

Appendix 27. Water-quality profile measurements in spur road 3 canal (site 3, U.S. Geological Survey site identification 354442076044601) at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, September 2003–March 2006. — Continued

[ft, feet; °C, degrees Celsius; $\mu\text{S}/\text{cm}$, microsiemens per centimeter at 25 degrees Celsius; mg/L, milligrams per liter; --, not measured. Depth is reported in feet above or below (-) North American Vertical Datum of 1988]

Date	Depth (ft)	Water temperature (°C)	Specific conductance ($\mu\text{S}/\text{cm}$)	Dissolved oxygen (mg/L)	pH
1/11/2006	0.9	7.6	190	2.3	3.4
	0.1	6.3	194	0.9	3.3
	-0.9	5.5	192	0.3	3.3
	-1.9	5.4	192	0.2	3.3
	-3.9	5.3	193	0.2	3.3
	-5.9	5.3	193	0.2	3.3
	-6.9	5.3	193	0.3	3.3
	-7.9	5.6	221	0.3	3.5
3/14/2006	-0.23	11.2	245	0.5	3.5
	-1.22	8.4	244	0.3	3.5
	-2.21	7.0	236	0.3	3.5
	-3.24	6.5	235	0.2	3.5
	-4.22	6.2	235	0.2	3.5
	-5.23	6.0	235	0.2	3.5
	-6.23	5.9	236	0.2	3.5
	-7.23	5.9	236	0.2	3.5
-7.92	6.0	247	0.1	3.5	

^aWater levels for this date are in feet below water surface.

Appendix 28. Water-quality profile measurements at selected canal sites at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, September 2003 and September 2005.

[ft, feet; °C, degrees Celsius; $\mu\text{S}/\text{cm}$, microsiemens per centimeter at 25 degrees Celsius; mg/L, milligrams per liter; --, not measured. Depth is reported in feet above or below (-) North American Vertical Datum of 1988]

Date	Depth (ft)	Water temperature (°C)	Specific conductance ($\mu\text{S}/\text{cm}$)	Dissolved oxygen (mg/L)	pH
Canal site 1					
09-24-2003	0.72	23.0	490	–	4.6
	1.74	22.4	496	–	4.6
	2.75	22.2	604	–	4.6
	3.74	22.1	1,020	–	4.9
	4.72	21.8	1,230	–	5.3
	5.46	21.7	1,320	–	5.4
09-09-2005	0.50	23.0	286	0.1	4.0
	2.00	22.3	287	0.1	4.0
	4.00	22.2	288	0.2	4.0
	5.00	22.2	287	0.2	3.9
	5.60	22.2	287	0.2	4.0
Canal site 2					
09-25-2003	0.24	22.6	370	–	4.3
	1.01	21.6	373	–	4.3
	2.04	21.4	374	–	4.3
	3.03	21.4	374	–	4.3
	3.90	21.4	377	–	4.3
	5.03	21.2	474	–	4.6
	5.58	21.0	538	–	4.9
	5.94	20.8	1,250	–	5.2
	6.06	20.8	2,150	–	5.4
	6.26	20.5	5,200	–	5.7
6.80	20.2	7,600	–	5.7	
09-09-2005	0.20	22.3	335	0.1	4.0
	1.00	22.2	325	0.1	4.0
	2.50	22.1	321	0.1	4.1
	4.00	22.1	325	0.1	4.1
	4.60	22.1	541	0.1	4.4
	4.80	22.1	909	0.1	5.2

Appendix 28. Water-quality profile measurements at selected canal sites at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, September 2003 and September 2005. — Continued

[ft, feet; °C, degrees Celsius; $\mu\text{S}/\text{cm}$, microsiemens per centimeter at 25 degrees Celsius; mg/L, milligrams per liter; --, not measured. Depth is reported in feet above or below (-) North American Vertical Datum of 1988]

Date	Depth (ft)	Water temperature (°C)	Specific conductance ($\mu\text{S}/\text{cm}$)	Dissolved oxygen (mg/L)	pH
Canal site 3					
09-24-2003	0.24	21.1	216	–	3.9
	1.19	21.1	216	–	3.9
	2.55	21.1	217	–	3.9
	3.84	21.0	223	–	3.9
	4.75	20.3	317	–	3.9
	5.76	18.9	752	–	3.9
	6.75	18.1	921	–	4.0
09-09-2005	0.50	21.9	176	0.2	3.7
	2.00	21.7	175	0.1	3.7
	3.00	21.0	180	0.1	3.8
	4.00	19.2	210	0.1	3.9
	5.00	17.6	250	0.1	4.0
	6.00	15.9	362	0.1	4.0
	7.00	14.6	443	0.2	4.1
	8.00	13.7	521	0.1	4.5
	9.00	13.6	568	0.3	4.5
Canal site 4					
09-25-2003	0.21	22.7	353	–	4.3
	0.97	22.1	362	–	4.3
	2.03	21.6	363	–	4.2
	3.16	21.5	426	–	4.4
	4.10	21.4	837	–	5.1
	5.05	21.2	1,420	–	5.3
	5.93	20.8	3,570	–	5.3
09-09-2005	0.80	23.5	232	0.2	4.4
	2.00	23.3	259	0.1	4.6
	2.80	22.6	443	0.1	5.0
	3.40	21.7	647	0.1	5.1
	4.00	20.8	847	0.1	5.3
	5.10	19.5	1,180	0.2	5.4
	6.10	19.1	1,350	0.2	5.5

Appendix 28. Water-quality profile measurements at selected canal sites at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, September 2003 and September 2005. — Continued

[ft, feet; °C, degrees Celsius; µS/cm, microsiemens per centimeter at 25 degrees Celsius; mg/L, milligrams per liter; --, not measured. Depth is reported in feet above or below (-) North American Vertical Datum of 1988]

Date	Depth (ft)	Water temperature (°C)	Specific conductance (µS/cm)	Dissolved oxygen (mg/L)	pH
Canal site 5					
09-25-2003	0.24	23.9	311	–	4.1
	0.92	21.6	307	–	4.0
	2.05	21.4	335	–	4.0
	3.15	21.2	339	–	4.0
	4.27	21.1	332	–	4.0
	5.22	21.1	333	–	4.0
	6.15	21.0	493	–	4.7
09-09-2005	0.40	23.5	290	0.1	4.2
	2.00	21.9	292	0.1	4.2
	3.00	21.9	317	0.1	4.3
	3.70	21.6	602	0.1	5.0
	4.20	20.9	1,080	0.1	5.3
	4.80	20.2	1,800	0.1	5.7
	5.60	19.6	2,860	0.2	5.8
Canal site 6					
09-24-2003	0.24	23.7	520	–	4.3
	0.92	22.0	551	–	4.3
	2.12	21.4	505	–	4.3
	3.24	21.4	1,060	–	4.7
	4.01	21.1	1,890	–	5.7
	5.11	20.1	3,370	–	5.9
	5.67	19.7	4,790	–	6.0
	6.10	19.2	6,760	–	6.0
	6.40	18.9	8,400	–	6.0
	6.58	18.7	9,330	–	6.0
	6.89	18.5	9,680	–	6.0

Appendix 28. Water-quality profile measurements at selected canal sites at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, September 2003 and September 2005. — Continued

[ft, feet; °C, degrees Celsius; µS/cm, microsiemens per centimeter at 25 degrees Celsius; mg/L, milligrams per liter; --, not measured. Depth is reported in feet above or below (-) North American Vertical Datum of 1988]

Date	Depth (ft)	Water temperature (°C)	Specific conductance (µS/cm)	Dissolved oxygen (mg/L)	pH
09-09-2005	0.30	21.9	227	0.1	4.4
	1.40	21.8	227	0.1	4.4
	2.40	21.8	233	0.1	4.4
	3.00	21.6	447	0.1	5.2
	3.30	21.4	548	0.1	5.3
	3.80	20.7	947	0.1	5.5
	4.00	20.6	1,120	0.1	5.5
	4.80	19.5	1,600	0.1	5.6
	5.80	18.4	3,160	0.1	5.8
	6.60	17.3	4,420	0.1	5.1
	7.60	16.8	4,990	0.1	5.9
Canal site 7					
09-24-2003	0.29	24.1	204	–	4.7
	0.95	22.6	216	–	4.6
	2.05	22.3	215	–	4.6
	3.01	22.1	215	–	4.6
	4.08	22.0	220	–	4.6
	5.01	22.0	413	–	5.3
	5.20	22.1	1,170	–	6.0
	5.60	21.8	4,020	–	6.5
	5.90	21.2	10,370	–	6.5
	6.50	20.5	10,670	–	6.4
09-09-2005	0.50	22.7	292	0.1	4.2
	2.00	22.7	292	0.1	4.2
	3.00	22.7	300	0.1	4.2
	4.00	22.4	390	0.1	4.6
	4.50	22.6	477	0.1	5.0
	5.10	22.5	685	0.1	5.4

Appendix 29. Selected site characteristics and water-quality properties in water within the root zone of healthy and unhealthy stands of Atlantic white cedar at the Emily and Richardson Preyer Buckridge Coastal Reserve, North Carolina, August–September 2005.

[NAD 83, North American Datum of 1983; WL BLS, water level below land surface; ft, feet; TEMP, water temperature; °C, degrees Celsius; SPCOND, specific conductance; µS/cm, microsiemens per centimeter; DO, dissolved oxygen; mg/L, milligrams per liter; H, healthy; U, unhealthy]

Piezometer name	Latitude (NAD 83)	Longitude (NAD 83)	Date	WL BLS (ft)	Peat depth	TEMP (°C)	SPCOND (µS/cm)	pH	DO (mg/L)	Category
P-HC100	35°44'41.7"	76°04'44.7"	8/16/2005	0.60	10.7	22.4	231	3.8	0.2	H
H1B	35°44'40.8"	76°04'43.5"	8/16/2005	0.55	11.7	22.1	276	3.7	0.2	H
H1C	35°44'41.5"	76°04'42.9"	8/16/2005	0.07	11.1	23.3	273	3.6	0.1	H
H1D	35°44'42.0"	76°04'41.1"	8/16/2005	0.11	12.0	22.9	313	3.5	0.1	H
H1E	35°44'41.1"	76°04'45.3"	8/16/2005	0.33	12.7	23.6	219	3.7	0.1	H
H1F	35°44'41.7"	76°04'43.6"	8/16/2005	0.34	12.1	23.2	249	3.7	0.3	H
H1G	35°44'42.3"	76°04'44.2"	8/17/2005	0.02	10.7	23.4	214	3.7	0.2	H
H1H	35°44'41.6"	76°04'45.4"	8/17/2005	0.06	12.7	24.0	197	3.7	0.1	H
H1I	35°44'40.5"	76°04'42.4"	8/17/2005	0.22	11.5	23.0	220	3.6	0.1	H
H2A	35°45'32.7"	76°05'49.2"	8/26/2005	0.26	7.4	22.6	210	3.8	0.1	H
H2B	35°45'31.4"	76°05'49.4"	8/25/2005	0.04	8.4	23.3	183	3.7	0.4	H
H2C	35°45'31.7"	76°05'49.7"	8/25/2005	0.17	7.8	22.9	226	3.7	0.2	H
H2D	35°45'32.8"	76°05'48.4"	8/26/2005	0.14	7.2	22.3	210	3.8	0.2	H
H2E	35°45'31.9"	76°05'50.1"	8/26/2005	0.12	7.6	22.5	216	3.8	0.2	H
H3A	35°44'40.6"	76°05'03.1"	9/8/2005	0.36	10.7	22.5	323	3.6	0.1	H
H3B	35°44'40.2"	76°05'02.3"	9/8/2005	0.28	10.8	22.1	321	3.6	0.1	H
H3C	35°44'40.6"	76°05'02.1"	9/8/2005	0.40	12.5	22.1	302	3.6	0.1	H
H3D	35°44'39.7"	76°05'02.4"	9/8/2005	0.27	10.3	22.2	320	3.6	0.2	H
H3E	35°44'39.9"	76°05'01.7"	9/8/2005	0.42	10.5	22.1	314	3.6	0.2	H
P-SC100	35°44'27.3"	76°04'43.9"	8/10/2005	0.16	9.5	24.2	1,030	4.2	0.2	U
P-SC100	35°44'27.3"	76°04'43.9"	8/18/2005	0.33	9.5	24.2	1,060	4.0	0.2	U
U1B	35°44'26.9"	76°04'44.0"	8/10/2005	0.14	7.4	25.4	313	4.2	0.2	U
U1B	35°44'26.9"	76°04'44.0"	8/18/2005	0.28	7.4	25.4	330	4.0	0.1	U
U1C	35°44'25.9"	76°04'44.2"	8/10/2005	0.04	8.5	23.7	493	4.2	0.1	U
U1D	35°44'27.4"	76°04'44.9"	8/10/2005	0.12	7.8	25.1	297	4.3	0.1	U
U1E	35°44'26.9"	76°04'43.1"	8/11/2005	0.17	7.6	24.2	331	4.1	0.2	U
U1F	35°44'28.3"	76°04'44.7"	8/11/2005	0.01	8.4	24.9	417	4.2	0.1	U
U1G	35°44'27.0"	76°04'45.6"	8/11/2005	0.08	8.1	22.9	1,410	3.8	0.2	U
U1H	35°44'26.5"	76°04'45.8"	8/11/2005	0.14	8.5	23.9	362	3.9	0.1	U
U1I	35°44'28.0"	76°04'44.2"	8/11/2005	0.22	8.0	25.6	374	4.3	0.1	U
U1J	35°44'27.6"	76°04'43.8"	8/11/2005	0.20	7.7	24.9	487	4.2	0.1	U
U1J	35°44'27.6"	76°04'43.8"	8/18/2005	0.34	7.7	24.9	586	4.2	0.1	U
U2A	35°45'04.9"	76°05'32.9"	8/24/2005	0.11	14.4	23.9	280	4.2	0.2	U
U2B	35°45'05.5"	76°05'32.7"	8/24/2005	0.14	13.4	25.1	181	4.3	0.2	U
U2C	35°45'04.6"	76°05'31.3"	8/24/2005	-0.01	11.8	23.5	291	4.3	0.2	U
U2D	35°45'03.8"	76°05'32.1"	8/24/2005	0.00	13.8	25.3	354	3.9	0.1	U
U2E	35°45'04.5"	76°05'32.1"	8/24/2005	0.01	15+	23.9	223	4.5	0.1	U
U3A	35°43'52.5"	76°03'26.2"	8/24/2005	0.13	19.0	26.2	324	4.4	0.2	U
U3B	35°43'53.2"	76°03'27.0"	8/25/2005	0.33	19.0	25.3	384	4.3	0.3	U
U3C	35°43'53.7"	76°03'24.9"	8/25/2005	0.22	12.9	24.5	470	4.5	0.2	U
U3D	35°43'54.4"	76°03'24.1"	8/25/2005	0.30	13.8	24.6	656	4.6	0.3	U
U3E	35°43'54.3"	76°03'26.2"	8/25/2005	0.25	13.7	25.2	386	4.4	0.1	U