

Water-Data Report 2007

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC

Albemarle-Chowan Basin
Albemarle Subbasin

LOCATION.--Lat 36°29'47", long 76°05'03" referenced to North American Datum of 1983, Currituck County, NC, Hydrologic Unit 03010205, at Secondary Road 1222, 4.5 miles northwest of Currituck.

DRAINAGE AREA.--52 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--

DISCHARGE: January 2006 to August 2007 (discontinued).

GAGE HEIGHT: January 2006 to August 2007 (discontinued).

GAGE.--Water-stage recorder and acoustic velocity meter. Datum of gage is 8.74 ft below North American Vertical Datum of 1988. Satellite telemetry at station.

REMARKS.--Discharge records poor. Gage-height records good. This site is strongly affected by both astronomical and wind tides. The astronomical tides occur at primary harmonic periods of 12.42 hours and 24.8 hours. Daily discharge data for this site may be affected by aliasing due to tides and can contain fluctuations that are not representative of net downstream discharge. Negative values represent upstream direction of flow.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,190 ft³/s, June 14, 2006; maximum gage height, 11.18 ft, September 2, 2006; minimum discharge, -1,610 ft³/s, November 16, 2006; minimum gage height, not determined.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,990 ft³/s, November 22; maximum gage height, 10.25 ft, November 16; minimum discharge, -1,610 ft³/s, November 16; minimum gage height, not determined.

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

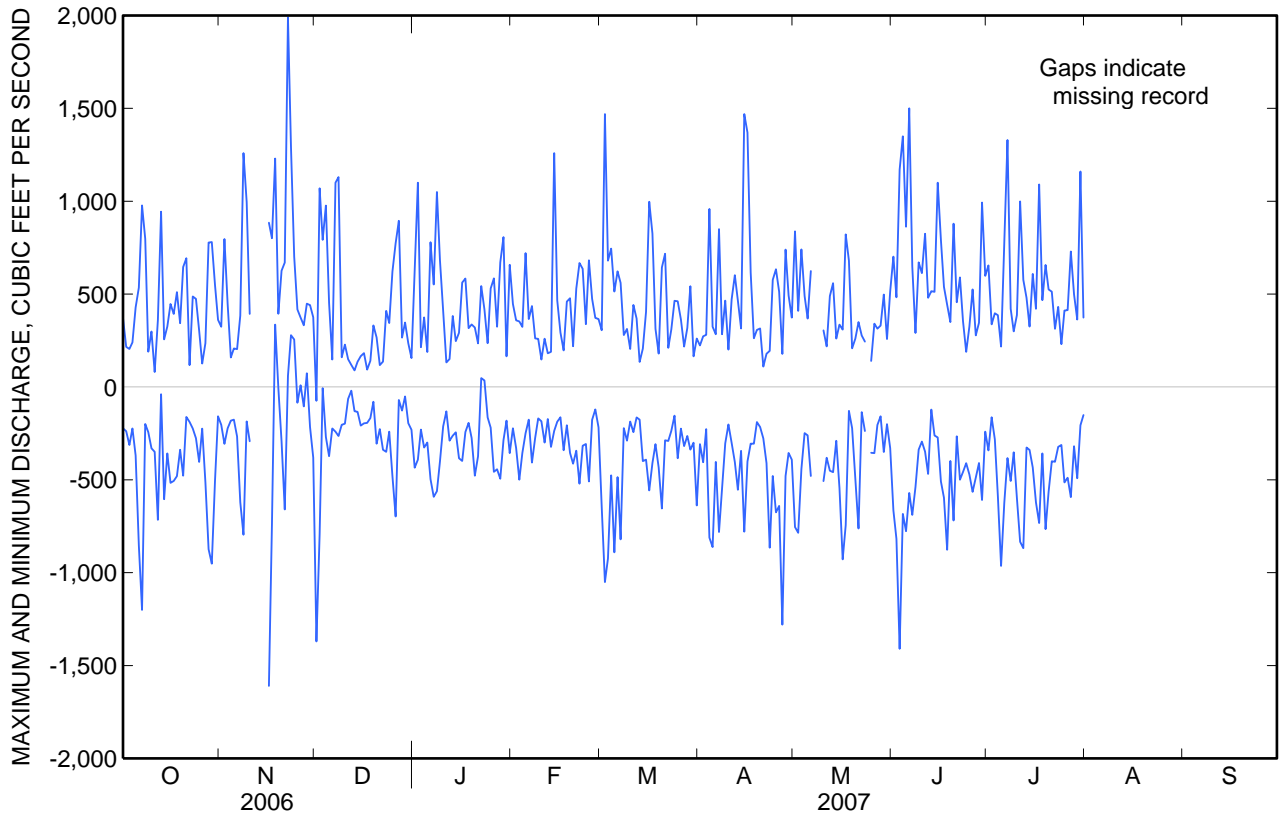
Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	371	-222	325	-203	-74	-1,370	628	-434	447	-222	306	-645
2	216	-238	797	-306	1,070	-792	1,100	-391	359	-328	1,470	-1,050
3	205	-312	447	-222	793	-6.4	215	-229	353	-499	681	-924
4	240	-223	159	-181	977	-269	375	-326	324	-355	745	-476
5	429	-369	208	-176	453	-372	189	-299	721	-249	514	-890
6	535	-853	204	-266	148	-223	780	-496	366	-176	623	-485
7	978	-1,200	384	-620	1,100	-240	552	-591	436	-407	561	-820
8	798	-199	1,260	-795	1,130	-264	1,050	-561	262	-274	280	-221
9	190	-243	996	-185	160	-203	682	-401	259	-169	313	-289
10	299	-330	394	-292	228	-197	410	-212	148	-184	205	-186
11	81	-349	---	---	150	-64	133	-131	260	-299	442	-243
12	360	-715	---	---	119	-20	151	-289	182	-172	369	-164
13	944	-39	---	---	90	-130	383	-262	190	-322	135	-176
14	257	-604	---	---	136	-134	247	-244	1,260	-236	207	-399
15	326	-358	---	---	166	-208	292	-383	467	-187	405	-391
16	447	-516	885	-1,610	183	-196	563	-398	294	-163	998	-557
17	394	-506	801	-737	94	-193	584	-242	197	-340	826	-409
18	511	-480	1,230	336	141	-167	317	-193	460	-206	314	-308
19	344	-338	395	-6.4	332	-79	337	-275	478	-355	180	-433
20	646	-477	626	-293	267	-305	321	-477	220	-413	644	-654
21	694	-161	670	-659	118	-227	235	-373	530	-343	718	-287
22	118	-188	1,990	60	137	-338	544	48	668	-520	211	-290
23	488	-223	1,290	279	410	-349	418	35	637	-316	310	-236
24	475	-276	702	256	345	-240	236	-164	339	-307	464	-154
25	303	-403	418	-84	622	-480	531	-219	682	-508	462	-383
26	127	-224	374	9.2	775	-697	585	-457	475	-177	364	-224
27	236	-512	333	-104	895	-70	325	-443	372	-121	218	-318
28	778	-874	449	74	266	-127	671	-494	366	-217	318	-264
29	781	-951	441	-215	347	-51	807	-286	---	---	543	-337
30	550	-505	376	-380	236	-195	165	-181	---	---	165	-300
31	362	-158	---	---	156	-230	658	-356	---	---	261	-638
Month	978	-1,200	---	---	1,130	-1,370	1,100	-591	1,260	-520	1,470	-1,050

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	224	-308	838	-754	702	-665	654	-342	---	---	---	---
2	273	-405	410	-785	483	-818	337	-163	---	---	---	---
3	281	-227	741	-442	1,170	-1,410	397	-282	---	---	---	---
4	959	-811	490	-248	1,350	-684	386	-589	---	---	---	---
5	325	-862	369	-260	863	-777	217	-964	---	---	---	---
6	284	-403	625	-479	1,500	-571	775	-625	---	---	---	---
7	850	-781	---	---	649	-689	1,330	-383	---	---	---	---
8	284	-548	---	---	291	-539	421	-506	---	---	---	---
9	465	-303	---	---	671	-337	299	-352	---	---	---	---
10	202	-202	305	-507	613	-294	387	-599	---	---	---	---
11	472	-301	219	-381	825	-349	999	-834	---	---	---	---
12	602	-404	490	-451	480	-468	577	-868	---	---	---	---
13	465	-553	559	-459	516	-122	480	-326	---	---	---	---
14	315	-344	261	-290	512	-262	325	-339	---	---	---	---
15	1,470	-779	336	-545	1,100	-272	609	-434	---	---	---	---
16	1,370	-401	309	-928	791	-509	421	-622	---	---	---	---
17	617	-305	822	-744	539	-597	1,090	-733	---	---	---	---
18	263	-305	681	-129	442	-877	467	-358	---	---	---	---
19	308	-189	208	-222	349	-399	657	-766	---	---	---	---
20	315	-215	260	-493	879	-719	525	-565	---	---	---	---
21	110	-277	350	-762	456	-266	513	-400	---	---	---	---
22	179	-410	277	-136	590	-499	313	-403	---	---	---	---
23	195	-865	245	-237	354	-458	431	-323	---	---	---	---
24	577	-479	---	---	189	-411	230	-312	---	---	---	---
25	634	-675	140	-355	326	-472	411	-514	---	---	---	---
26	513	-640	341	-356	525	-565	414	-489	---	---	---	---
27	178	-1,280	314	-205	278	-488	729	-593	---	---	---	---
28	740	-479	330	-158	346	-410	498	-319	---	---	---	---
29	493	-355	497	-350	993	-609	363	-492	---	---	---	---
30	374	-391	258	-200	598	-241	1,160	-206	---	---	---	---
31	---	---	516	-330	---	---	373	-151	---	---	---	---
Month	1,470	-1,280	---	---	1,500	-1,410	1,330	-964	---	---	---	---

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued



02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

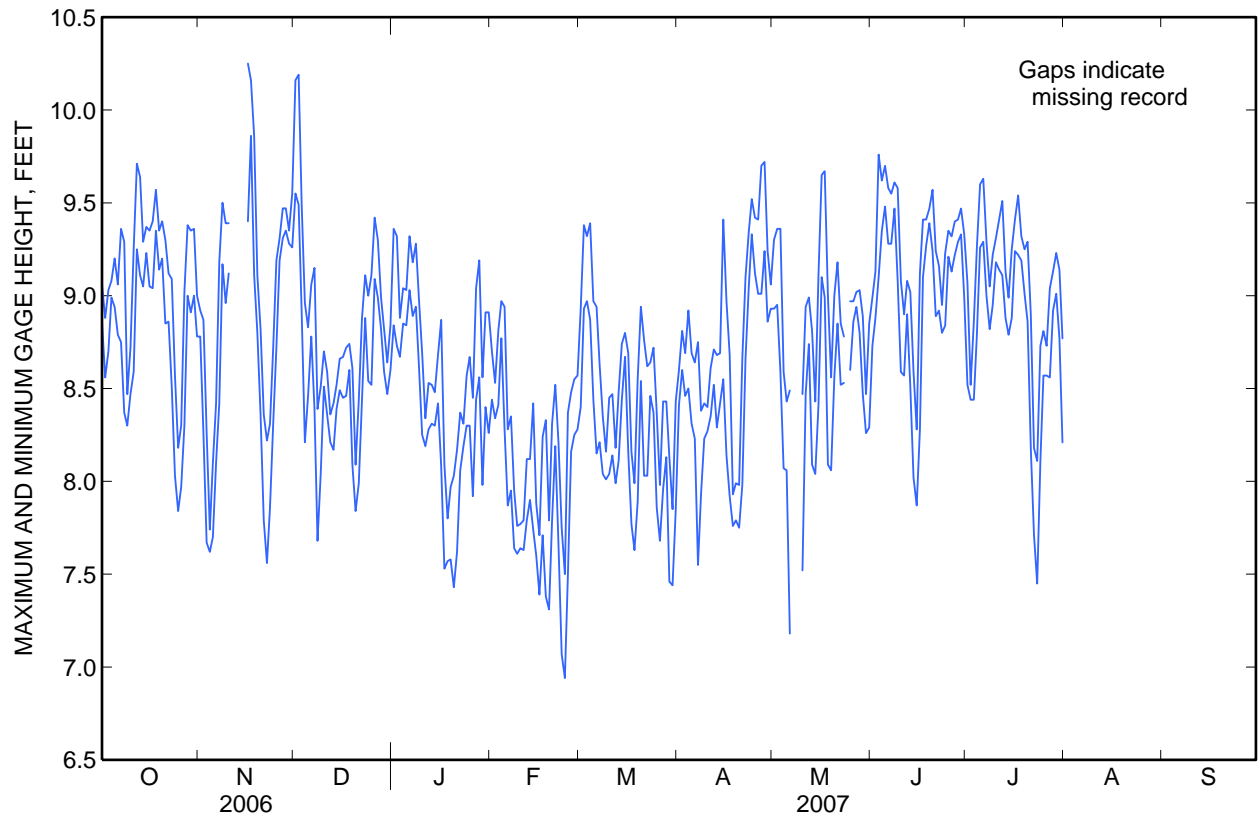
Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	9.06	8.86	8.92	8.78	10.16	9.55	9.36	8.84	8.70	8.44	8.93	8.40
2	8.88	8.56	8.87	8.26	10.19	9.49	9.32	8.73	8.53	8.34	9.38	8.93
3	9.03	8.70	8.26	7.67	9.49	8.91	8.88	8.67	8.81	8.41	9.32	8.97
4	9.08	8.99	7.74	7.62	8.96	8.21	9.04	8.85	8.97	8.77	9.39	8.87
5	9.20	8.94	8.10	7.70	8.83	8.46	9.03	8.84	8.94	8.28	8.97	8.44
6	9.06	8.79	8.42	8.10	9.06	8.78	9.32	9.03	8.28	7.87	8.94	8.15
7	9.36	8.75	9.18	8.42	9.15	8.39	9.18	8.89	8.35	7.95	8.63	8.21
8	9.29	8.37	9.50	9.17	8.39	7.68	9.28	8.94	7.95	7.64	8.35	8.04
9	8.47	8.30	9.39	8.96	8.51	8.04	8.98	8.62	7.76	7.61	8.16	8.01
10	8.72	8.47	9.39	9.12	8.70	8.51	8.69	8.25	7.77	7.64	8.45	8.04
11	9.25	8.59	---	---	8.59	8.36	8.34	8.19	7.79	7.63	8.47	8.14
12	9.71	9.25	---	---	8.36	8.21	8.53	8.28	8.12	7.79	8.18	7.99
13	9.64	9.11	---	---	8.42	8.17	8.52	8.31	8.12	7.90	8.48	8.11
14	9.29	9.05	---	---	8.52	8.39	8.48	8.30	8.42	7.74	8.74	8.44
15	9.37	9.23	---	---	8.66	8.49	8.68	8.42	7.88	7.60	8.80	8.67
16	9.35	9.05	10.25	9.40	8.67	8.45	8.87	8.08	7.71	7.39	8.69	8.16
17	9.40	9.04	10.16	9.86	8.72	8.46	8.09	7.53	8.24	7.71	8.16	7.77
18	9.57	9.35	9.86	9.11	8.74	8.60	7.80	7.57	8.33	7.38	7.99	7.63
19	9.35	9.14	9.11	8.80	8.61	8.09	7.97	7.58	7.79	7.31	8.55	7.89
20	9.40	9.20	8.82	8.36	8.09	7.84	8.03	7.43	8.31	7.79	8.94	8.54
21	9.30	8.85	8.36	7.79	8.44	7.99	8.17	7.62	8.52	8.19	8.76	8.03
22	9.12	8.86	8.22	7.56	8.88	8.44	8.37	8.06	8.21	7.66	8.62	8.03
23	9.09	8.51	8.31	7.86	9.11	8.88	8.31	8.19	7.75	7.07	8.64	8.46
24	8.57	8.03	8.72	8.31	9.00	8.54	8.57	8.30	7.50	6.94	8.72	8.37
25	8.18	7.84	9.19	8.72	9.11	8.52	8.67	8.30	8.37	7.50	8.37	7.86
26	8.30	7.97	9.31	9.19	9.42	9.09	8.45	7.92	8.48	8.16	7.98	7.68
27	9.02	8.30	9.47	9.31	9.30	8.99	9.04	8.44	8.55	8.25	8.43	7.96
28	9.38	9.00	9.47	9.35	8.99	8.82	9.19	8.56	8.57	8.28	8.43	8.13
29	9.35	8.91	9.35	9.28	8.82	8.59	8.56	7.98	---	---	8.13	7.46
30	9.36	9.00	9.55	9.26	8.64	8.47	8.91	8.40	---	---	7.85	7.44
31	9.00	8.78	---	---	8.84	8.60	8.91	8.26	---	---	8.43	7.85
Month	9.71	7.84	---	---	10.19	7.68	9.36	7.43	8.97	6.94	9.39	7.44

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	8.60	8.41	9.30	8.93	8.99	8.73	9.07	8.52	---	---	---	---
2	8.81	8.60	9.36	8.95	9.13	8.88	8.52	8.44	---	---	---	---
3	8.69	8.46	9.36	8.59	9.76	9.10	8.86	8.44	---	---	---	---
4	8.92	8.50	8.59	8.07	9.62	9.35	9.26	8.79	---	---	---	---
5	8.69	8.31	8.43	8.06	9.70	9.48	9.60	9.26	---	---	---	---
6	8.64	8.23	8.49	7.18	9.58	9.28	9.63	9.29	---	---	---	---
7	8.75	7.55	---	---	9.55	9.28	9.29	9.00	---	---	---	---
8	8.38	7.93	---	---	9.61	9.47	9.05	8.82	---	---	---	---
9	8.42	8.23	---	---	9.58	9.08	9.22	8.95	---	---	---	---
10	8.40	8.27	8.47	7.52	9.08	8.59	9.31	9.18	---	---	---	---
11	8.61	8.35	8.94	8.47	8.90	8.57	9.41	9.14	---	---	---	---
12	8.71	8.52	8.99	8.74	9.08	8.90	9.51	9.11	---	---	---	---
13	8.68	8.29	8.81	8.09	9.02	8.51	9.13	8.88	---	---	---	---
14	8.69	8.42	8.43	8.04	8.59	8.02	8.99	8.79	---	---	---	---
15	9.41	8.55	9.11	8.41	8.28	7.87	9.25	8.88	---	---	---	---
16	8.97	8.14	9.65	9.10	9.12	8.28	9.41	9.24	---	---	---	---
17	8.68	7.92	9.67	8.99	9.41	9.10	9.54	9.22	---	---	---	---
18	7.93	7.76	9.00	8.09	9.41	9.27	9.32	9.19	---	---	---	---
19	7.99	7.79	8.56	8.06	9.47	9.39	9.25	9.01	---	---	---	---
20	7.98	7.75	9.00	8.56	9.57	9.24	9.29	8.86	---	---	---	---
21	8.66	7.98	9.18	8.85	9.24	8.89	8.90	8.18	---	---	---	---
22	9.10	8.66	8.85	8.52	9.16	8.92	8.18	7.71	---	---	---	---
23	9.34	9.04	8.78	8.53	8.95	8.80	8.11	7.45	---	---	---	---
24	9.52	9.33	---	---	9.23	8.84	8.73	8.11	---	---	---	---
25	9.42	9.12	8.97	8.60	9.35	9.21	8.81	8.57	---	---	---	---
26	9.41	9.01	8.97	8.86	9.32	9.13	8.73	8.57	---	---	---	---
27	9.70	9.01	9.02	8.94	9.40	9.22	9.04	8.56	---	---	---	---
28	9.72	9.24	9.03	8.80	9.41	9.29	9.13	8.92	---	---	---	---
29	9.24	8.86	8.89	8.47	9.47	9.33	9.23	9.01	---	---	---	---
30	9.06	8.93	8.47	8.26	9.33	8.99	9.14	8.77	---	---	---	---
31	---	---	8.85	8.29	---	---	8.77	8.21	---	---	---	---
Month	9.72	7.55	---	---	9.76	7.87	9.63	7.45	---	---	---	---

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued



02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--February 2006 to June 2007 (discontinued).

PERIOD OF DAILY RECORD.--

- SPECIFIC CONDUCTANCE: February 2006 to June 2007.
- SALINITY: February 2006 to June 2007.
- pH: February 2006 to June 2007.
- WATER TEMPERATURE: February 2006 to June 2007.
- DISSOLVED OXYGEN: February 2006 to June 2007.
- DISSOLVED OXYGEN, PERCENT SATURATION: February 2006 to June 2007.
- TURBIDITY, in FNU: February 2006 to June 2007.
- CHLOROPHYLL: February 2006 to June 2007.

INSTRUMENTATION.--Self-logging water quality monitor February 2006 to June 2007. Constituents monitored were: specific conductance, water temperature, dissolved oxygen, dissolved oxygen, percent saturation, pH, turbidity and chlorophyll. Turbidity data collected using a YSI 6136 sensor in formazin nephelometric units (FNU).

REMARKS.--Station operated in cooperation with the North Carolina Department of Environment and Natural Resources, Division of Water Resources. Water-quality monitors operated by Elizabeth City State University under the general supervision of the U.S. Geological Survey. Salinity and dissolved oxygen, percent saturation are computed. The salinity is computed from specific conductance using the conversion from U. S. Geological Survey Water-Supply Paper 2311. The dissolved oxygen, percent saturation is computed using a barometric pressure of 760 mm of Hg. Turbidity, less than 5 FNU, are reported as <5.

EXTREMES FOR PERIOD OF DAILY RECORD.--

- SPECIFIC CONDUCTANCE: Maximum recorded, 3,670 microsiemens, May 27, 2006; minimum recorded, 74 microsiemens, June 16, 2006.
- SALINITY: Maximum recorded, 1.9 ppt, May 27, 2006; minimum recorded, 0.03 ppt, on several days during the period.
- pH: Maximum recorded, 7.8 standard units, February 12, 21, 2007, May 16, 2007; minimum recorded, 4.9 standard units, November 27, 2006.
- WATER TEMPERATURE: Maximum recorded, 34.5°C, July 18, 2006; minimum recorded, 3.2°C, February 7, 2007.
- DISSOLVED OXYGEN: Maximum recorded, 13.7 mg/L, February 20, 2007; minimum recorded, 0.1 mg/L, on several days during the period.
- DISSOLVED OXYGEN, PERCENT SATURATION: Maximum recorded, 142%, March 27, 2007; minimum recorded, 1.0%, on several days during the period.
- TURBIDITY: Maximum recorded, 820 FNU, June 14, 2006; minimum recorded, <5 FNU, on many days during the period.
- CHLOROPHYLL: Maximum recorded, 46.2 ug/L, March 28, 2007; minimum recorded, 3.7 ug/L, October 30, 2006.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 1 of 2

[Remark codes: <, less than.]

Date	Time	Instan- taneous dis- charge, cfs (00061)	Trans- parency Secchi disc, meters (00078)	Turb- idity, IR LED light, det ang 90 deg, FNU (63680)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif- ic conduc- tance, wat unf µS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)	Silica, water, fltrd, mg/L (00955)	Residue total non- filter- able, mg/L (00530)	Residue vola- tile, sus- pended, mg/L (00535)
Sep 25...	0920	506	.66	1.9	761	6.6	79	6.7	1,240	24.1	3.0	<20	<20

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 2 of 2

[Remark codes: <, less than.]

Date	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Particulate nitrogen, susp, water, mg/L (49570)	Total nitrogen, wat flt by anal ysis, mg/L (62854)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Total carbon, suspnd sedimnt total, mg/L (00694)	Inorganic carbon, suspnd sedimnt total, mg/L (00688)	Organic carbon, water, fltrd, mg/L (00681)	Chlorophyll a phyto-plank-ton, fluoro, µg/L (70953)	Chlorophyll tot, wt 650-700 nm, in-situ µg/L (62361)	Pheo-phytin a, phyto-plank-ton, µg/L (62360)
	Sep 25...	.72	.032	.045	.003	.03	.82	.008	.2	<.1	13.9	10.9	10.6

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 1 of 2

[Remark codes: <, less than; E, estimated.]

Date	Time	Instantaneous discharge, cfs (00061)	Transparency Secchi disc, meters (00078)	Turbidity, IR LED light, det ang 90 deg, FNU (63680)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unf 25 degC µS/cm (00095)	Temperature, water, deg C (00010)	Silica, water, fltrd, mg/L (00955)	Residue total non-filterable, mg/L (00530)	Residue volatile, suspended, mg/L (00535)
		Apr 24...	0830	-318	.85	1.3	764	9.5	100	7.2	1,080	17.6	3.9

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 2 of 2

[Remark codes: <, less than; E, estimated.]

Date	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Particulate nitrogen, susp, water, mg/L (49570)	Total nitrogen, wat flt by anal ysis, mg/L (62854)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Total carbon, suspnd sedimnt total, mg/L (00694)	Inorganic carbon, suspnd sedimnt total, mg/L (00688)	Organic carbon, water, fltrd, mg/L (00681)	Chlorophyll a phyto-plank-ton, fluoro, µg/L (70953)	Pheo-phytin a, phyto-plank-ton, µg/L (62360)
	Apr 24...	.67	<.020	<.016	<.002	.12	.67	E.003	1.1	<.1	17.2	6.0

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	0.6	0.5	0.5	1.6	1.2	1.4	---	---	---
2	---	---	---	0.8	0.5	0.6	1.5	1.1	1.2	---	---	---
3	---	---	---	0.8	0.3	0.5	1.5	1.1	1.3	1.2	0.7	1.0
4	---	---	---	0.8	0.3	0.4	1.5	0.8	1.0	1.2	1.1	1.1
5	---	---	---	0.8	0.3	0.5	1.5	0.6	1.0	1.5	1.1	1.3
6	---	---	---	0.8	0.4	0.7	1.1	0.5	0.7	1.5	1.3	1.4
7	---	---	---	0.5	0.3	0.4	1.6	0.7	1.0	1.5	1.1	1.3
8	---	---	---	0.7	0.3	0.5	1.7	1.5	1.6	1.1	0.3	0.6
9	---	---	---	0.9	0.6	0.7	1.5	0.4	0.7	0.3	0.2	0.2
10	---	---	---	1.3	0.9	1.00	0.5	0.4	0.4	1.3	0.2	0.5
11	---	---	---	1.3	0.8	1.0	0.6	0.3	0.4	1.4	1.2	1.3
12	---	---	---	0.9	0.7	0.8	1.1	0.3	0.5	1.7	1.2	1.3
13	---	---	---	1.2	0.8	1.0	1.2	0.4	0.7	1.6	1.1	1.4
14	---	---	---	1.2	0.8	1.1	1.2	0.5	0.8	1.6	1.4	1.6
15	---	---	---	1.3	0.5	0.8	1.2	0.5	0.8	1.7	1.5	1.6
16	---	---	---	1.2	0.7	1.0	0.8	0.6	0.7	1.6	0.5	1.2
17	---	---	---	1.2	0.7	0.9	1.1	0.4	0.7	1.0	0.3	0.4
18	0.3	0.2	0.2	1.0	0.5	0.7	0.7	0.4	0.5	1.5	0.5	1.1
19	0.2	0.2	0.2	1.1	0.5	0.8	1.1	0.5	0.8	1.5	0.6	1.1
20	0.3	0.2	0.3	1.2	0.9	1.1	1.1	0.9	1.0	1.4	0.3	0.9
21	0.4	0.3	0.3	1.2	0.7	1.0	1.2	1.0	1.1	1.4	0.2	0.7
22	0.3	0.2	0.3	0.9	0.5	0.6	1.3	1.1	1.3	1.0	0.2	0.5
23	0.3	0.2	0.2	1.0	0.5	0.7	1.4	1.3	1.3	1.0	0.2	0.6
24	0.3	0.2	0.2	1.1	0.4	0.7	1.6	1.3	1.5	1.0	0.2	0.5
25	0.5	0.2	0.3	0.4	0.4	0.4	1.4	1.1	1.2	1.3	0.9	1.1
26	0.5	0.2	0.2	0.8	0.3	0.4	1.4	0.8	1.0	1.8	1.3	1.5
27	0.4	0.1	0.2	1.0	0.4	0.7	0.9	0.7	0.8	1.9	1.6	1.8
28	0.5	0.4	0.5	1.1	0.7	0.9	1.0	0.5	0.7	1.6	0.9	1.2
29	---	---	---	1.1	0.7	0.8	0.8	0.4	0.5	0.9	0.7	0.8
30	---	---	---	1.1	0.7	0.8	0.8	0.2	0.4	1.5	0.7	1.0
31	---	---	---	1.2	0.8	1.0	---	---	---	1.6	1.3	1.5
Month	---	---	---	1.3	0.3	0.7	1.7	0.2	0.9	---	---	---

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	1.6	1.2	1.5	0.10	0.08	0.09	0.2	0.07	0.2	0.2	0.05	0.1
2	1.7	1.5	1.6	0.10	0.08	0.08	0.3	0.1	0.2	0.05	0.04	0.04
3	1.8	1.4	1.6	0.1	0.08	0.10	0.4	0.2	0.3	0.04	0.03	0.03
4	1.4	0.6	0.9	0.2	0.07	0.09	0.7	0.2	0.4	0.03	0.03	0.03
5	0.8	0.4	0.6	0.3	0.2	0.2	0.3	0.1	0.2	0.06	0.03	0.04
6	0.4	0.3	0.3	0.3	0.08	0.2	0.4	0.1	0.2	0.04	0.03	0.04
7	0.6	0.2	0.3	0.08	0.07	0.07	0.5	0.3	0.4	0.04	0.04	0.04
8	0.6	0.4	0.6	0.08	0.07	0.07	0.6	0.2	0.5	0.06	0.04	0.05
9	0.4	0.07	0.1	0.3	0.08	0.2	0.3	0.1	0.1	0.06	0.04	0.05
10	0.07	0.06	0.06	0.3	0.2	0.2	0.5	0.1	0.3	0.06	0.05	0.05
11	0.06	0.06	0.06	0.3	0.2	0.3	0.5	0.1	0.3	0.05	0.05	0.05
12	0.06	0.05	0.06	0.3	0.2	0.2	0.1	0.08	0.09	0.05	0.05	0.05
13	0.06	0.05	0.06	0.4	0.3	0.4	0.6	0.10	0.3	0.08	0.05	0.07
14	0.1	0.04	0.08	0.4	0.2	0.3	0.7	0.5	0.6	0.1	0.07	0.08
15	0.04	0.03	0.03	0.2	0.10	0.1	0.9	0.7	0.7	0.1	0.07	0.10
16	0.04	0.03	0.03	0.1	0.08	0.09	0.8	0.5	0.7	0.07	0.07	0.07
17	0.04	0.04	0.04	0.3	0.07	0.1	0.5	0.3	0.4	0.08	0.06	0.07
18	0.05	0.04	0.04	0.3	0.2	0.3	1.0	0.4	0.8	0.2	0.08	0.1
19	0.06	0.04	0.05	0.3	0.2	0.2	0.9	0.5	0.7	0.4	0.2	0.3
20	0.07	0.05	0.06	0.3	0.1	0.2	1.0	0.8	0.9	0.4	0.1	0.2
21	0.05	0.05	0.05	0.4	0.3	0.3	1.0	1.0	1.0	0.1	0.08	0.09
22	0.07	0.05	0.05	1.0	0.3	0.6	1.0	0.8	0.9	0.4	0.08	0.3
23	0.2	0.07	0.1	1.4	0.7	1.2	0.9	0.7	0.8	0.4	0.3	0.4
24	0.3	0.1	0.2	0.7	0.1	0.3	0.9	0.7	0.8	0.8	0.4	0.6
25	0.4	0.2	0.3	0.1	0.07	0.09	0.9	0.7	0.8	0.8	0.3	0.5
26	0.8	0.4	0.6	0.07	0.06	0.06	0.9	0.8	0.9	0.3	0.2	0.2
27	1.0	0.7	0.9	0.1	0.06	0.06	1.0	0.9	0.9	0.2	0.2	0.2
28	0.9	0.3	0.4	0.3	0.08	0.2	1.0	0.9	1.0	0.5	0.1	0.3
29	0.3	0.2	0.2	0.4	0.07	0.2	1.1	1.0	1.1	0.5	0.2	0.3
30	0.2	0.09	0.1	0.1	0.06	0.07	1.2	1.0	1.1	0.4	0.2	0.3
31	---	---	---	0.1	0.06	0.07	1.0	0.2	0.5	---	---	---
Month	1.8	0.03	0.4	1.4	0.06	0.2	1.2	0.07	0.6	0.8	0.03	0.2

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	0.4	0.2	0.3	0.6	0.3	0.3	0.7	0.05	0.2	0.2	0.08	0.2
2	0.3	0.1	0.2	0.4	0.2	0.3	0.8	0.06	0.3	0.2	0.08	0.10
3	0.3	0.2	0.3	0.2	0.1	0.2	0.06	0.05	0.06	0.08	0.08	0.08
4	0.4	0.3	0.3	0.2	0.1	0.2	0.06	0.06	0.06	0.09	0.08	0.08
5	0.4	0.3	0.4	0.4	0.2	0.3	0.2	0.06	0.08	0.09	0.08	0.08
6	0.4	0.2	0.3	0.5	0.3	0.4	0.09	0.06	0.07	0.2	0.09	0.1
7	0.6	0.2	0.4	0.6	0.5	0.6	0.1	0.06	0.08	0.1	0.08	0.08
8	0.5	0.1	0.3	0.6	0.1	0.3	0.1	0.07	0.07	0.2	0.09	0.1
9	0.4	0.1	0.2	0.1	0.08	0.09	0.1	0.08	0.1	0.1	0.08	0.09
10	0.5	0.2	0.4	0.4	0.07	0.2	0.2	0.10	0.1	0.09	0.08	0.08
11	0.5	0.3	0.4	0.4	0.10	0.2	0.10	0.07	0.08	0.09	0.08	0.08
12	0.5	0.4	0.5	0.4	0.07	0.3	0.07	0.07	0.07	0.10	0.09	0.09
13	0.5	0.4	0.5	0.07	0.05	0.06	0.08	0.07	0.07	0.10	0.09	0.09
14	0.7	0.4	0.5	0.10	0.05	0.06	0.08	0.07	0.07	0.09	0.08	0.09
15	0.7	0.6	0.6	0.07	0.05	0.05	0.1	0.07	0.08	0.10	0.08	0.09
16	0.7	0.5	0.6	0.2	0.05	0.1	0.08	0.07	0.07	0.1	0.08	0.09
17	0.7	0.5	0.6	0.2	0.1	0.2	0.1	0.07	0.08	0.09	0.08	0.09
18	0.7	0.7	0.7	0.1	0.07	0.08	0.1	0.07	0.08	0.10	0.09	0.09
19	0.7	0.5	0.6	0.07	0.07	0.07	0.08	0.07	0.07	0.1	0.09	0.1
20	0.7	0.6	0.7	0.07	0.07	0.07	0.2	0.08	0.09	0.1	0.09	0.10
21	0.7	0.3	0.5	0.09	0.07	0.07	0.2	0.1	0.2	0.1	0.09	0.09
22	0.7	0.3	0.5	0.08	0.04	0.06	0.2	0.2	0.2	0.1	0.09	0.10
23	0.6	0.3	0.4	0.04	0.04	0.04	0.2	0.2	0.2	0.10	0.08	0.09
24	0.3	0.2	0.3	0.05	0.04	0.04	0.2	0.1	0.1	0.08	0.07	0.08
25	0.5	0.2	0.3	0.05	0.05	0.05	0.3	0.10	0.2	0.07	0.07	0.07
26	0.5	0.3	0.4	0.05	0.05	0.05	0.3	0.09	0.2	0.09	0.07	0.07
27	0.6	0.5	0.5	0.05	0.05	0.05	0.2	0.08	0.10	0.1	0.07	0.09
28	0.7	0.5	0.6	0.05	0.05	0.05	0.08	0.07	0.08	0.1	0.07	0.1
29	0.8	0.4	0.6	0.05	0.05	0.05	0.08	0.07	0.07	0.09	0.07	0.07
30	0.8	0.4	0.7	0.05	0.05	0.05	0.08	0.07	0.08	0.1	0.08	0.1
31	0.4	0.3	0.3	---	---	---	0.08	0.08	0.08	0.2	0.08	0.09
Month	0.8	0.1	0.4	0.6	0.04	0.2	0.8	0.05	0.1	0.2	0.07	0.09

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	0.1	0.07	0.09	0.1	0.09	0.1	0.4	0.3	0.3	0.7	0.4	0.6
2	0.08	0.07	0.08	0.3	0.1	0.2	0.4	0.2	0.3	0.7	0.4	0.6
3	0.2	0.08	0.1	0.4	0.09	0.2	0.4	0.2	0.3	0.7	0.3	0.5
4	0.2	0.10	0.1	0.4	0.08	0.2	0.4	0.3	0.4	0.3	0.2	0.2
5	0.2	0.08	0.09	0.3	0.08	0.1	0.4	0.3	0.3	0.6	0.2	0.3
6	0.2	0.08	0.10	0.2	0.08	0.1	0.4	0.2	0.3	0.3	0.2	0.2
7	0.2	0.09	0.1	0.2	0.08	0.1	0.4	0.2	0.3	---	---	---
8	0.10	0.08	0.09	0.1	0.08	0.09	0.5	0.2	0.3	---	---	---
9	0.09	0.09	0.09	0.1	0.08	0.09	0.4	0.4	0.4	---	---	---
10	0.09	0.09	0.09	0.3	0.09	0.2	0.4	0.3	0.4	0.9	0.4	0.6
11	0.1	0.09	0.10	0.3	0.1	0.2	0.4	0.3	0.4	0.9	0.8	0.8
12	0.2	0.1	0.1	0.2	0.10	0.1	0.5	0.4	0.4	0.8	0.8	0.8
13	0.1	0.10	0.1	0.2	0.1	0.2	0.6	0.3	0.4	0.8	0.4	0.6
14	0.2	0.09	0.1	0.3	0.2	0.2	0.6	0.3	0.5	0.7	0.4	0.6
15	0.1	0.09	0.1	0.3	0.3	0.3	0.6	0.4	0.5	0.8	0.6	0.7
16	0.10	0.09	0.09	0.3	0.2	0.2	0.5	0.1	0.2	0.9	0.8	0.8
17	0.2	0.09	0.1	0.2	0.10	0.1	0.4	0.1	0.1	0.9	0.7	0.9
18	0.1	0.09	0.1	0.1	0.10	0.1	0.1	0.09	0.09	0.7	0.4	0.6
19	0.2	0.09	0.1	0.2	0.1	0.2	0.1	0.09	0.09	0.7	0.4	0.5
20	0.2	0.1	0.2	0.3	0.2	0.2	0.2	0.09	0.1	0.8	0.7	0.8
21	0.2	0.1	0.2	0.2	0.1	0.2	0.4	0.2	0.3	0.8	0.8	0.8
22	0.2	0.09	0.1	0.3	0.1	0.2	0.4	0.3	0.4	0.8	0.7	0.7
23	0.2	0.09	0.1	0.3	0.2	0.2	0.5	0.3	0.4	0.9	0.6	0.8
24	0.2	0.10	0.1	0.3	0.2	0.2	0.6	0.5	0.5	0.8	0.7	0.7
25	0.3	0.2	0.2	0.3	0.1	0.2	0.7	0.4	0.5	0.9	0.7	0.8
26	0.2	0.10	0.1	0.3	0.09	0.1	0.7	0.4	0.6	0.8	0.7	0.8
27	0.1	0.1	0.1	0.4	0.2	0.3	0.7	0.4	0.6	0.8	0.8	0.8
28	0.1	0.09	0.10	0.3	0.2	0.3	0.7	0.6	0.7	0.8	0.7	0.8
29	---	---	---	0.3	0.1	0.2	0.6	0.3	0.4	0.8	0.7	0.7
30	---	---	---	0.4	0.1	0.2	0.6	0.3	0.5	0.7	0.6	0.7
31	---	---	---	0.4	0.3	0.3	---	---	---	0.9	0.7	0.8
Month	0.3	0.07	0.1	0.4	0.08	0.2	0.7	0.09	0.4	---	---	---

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

**SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	0.9	0.9	0.9	---	---	---	---	---	---	---	---	---
2	1.0	0.9	0.9	---	---	---	---	---	---	---	---	---
3	1.0	0.9	1.0	---	---	---	---	---	---	---	---	---
4	1.0	0.9	0.9	---	---	---	---	---	---	---	---	---
5	1.0	1.0	1.0	---	---	---	---	---	---	---	---	---
6	1.0	0.8	0.9	---	---	---	---	---	---	---	---	---
7	1.0	0.8	0.9	---	---	---	---	---	---	---	---	---
8	1.0	0.9	1.0	---	---	---	---	---	---	---	---	---
9	1.0	0.8	0.9	---	---	---	---	---	---	---	---	---
10	0.8	0.6	0.7	---	---	---	---	---	---	---	---	---
11	0.9	0.6	0.7	---	---	---	---	---	---	---	---	---
12	1.0	0.9	0.9	---	---	---	---	---	---	---	---	---
13	1.0	0.7	0.8	---	---	---	---	---	---	---	---	---
14	0.8	0.5	0.6	---	---	---	---	---	---	---	---	---
15	0.8	0.5	0.6	---	---	---	---	---	---	---	---	---
16	0.9	0.7	0.9	---	---	---	---	---	---	---	---	---
17	1.0	0.9	1.0	---	---	---	---	---	---	---	---	---
18	1.0	1.0	1.0	---	---	---	---	---	---	---	---	---
19	1.0	1.0	1.0	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
 WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	1,220	1,040	1,120	3,060	2,290	2,690	---	---	---
2	---	---	---	1,640	1,060	1,280	2,970	2,130	2,450	---	---	---
3	---	---	---	1,600	718	967	3,000	2,100	2,640	2,280	1,370	1,960
4	---	---	---	1,600	590	806	2,880	1,540	1,930	2,310	2,160	2,240
5	---	---	---	1,660	733	1,090	2,960	1,220	1,910	2,870	2,230	2,580
6	---	---	---	1,700	890	1,460	2,110	1,120	1,440	2,940	2,540	2,790
7	---	---	---	970	633	782	3,090	1,400	2,010	2,970	2,230	2,520
8	---	---	---	1,520	655	1,020	3,250	2,860	3,120	2,270	578	1,290
9	---	---	---	1,760	1,320	1,520	2,860	918	1,390	578	388	442
10	---	---	---	2,630	1,740	1,990	1,110	757	841	2,490	375	970
11	---	---	---	2,570	1,620	2,070	1,280	709	863	2,720	2,320	2,470
12	---	---	---	1,880	1,350	1,580	2,240	705	1,090	3,230	2,330	2,570
13	---	---	---	2,350	1,590	2,020	2,310	816	1,370	3,140	2,160	2,720
14	---	---	---	2,430	1,640	2,190	2,390	1,140	1,560	3,180	2,700	3,080
15	---	---	---	2,600	1,040	1,600	2,320	1,140	1,640	3,300	2,840	3,080
16	---	---	---	2,410	1,420	1,920	1,560	1,210	1,400	3,010	1,140	2,280
17	---	---	---	2,310	1,500	1,890	2,170	822	1,400	2,000	596	857
18	625	499	541	1,910	1,100	1,350	1,480	760	1,060	2,920	1,080	2,210
19	509	407	438	2,210	1,110	1,560	2,230	1,090	1,670	2,990	1,230	2,110
20	746	438	603	2,330	1,760	2,090	2,160	1,830	2,000	2,800	668	1,710
21	851	596	674	2,320	1,390	2,030	2,420	1,960	2,190	2,780	401	1,320
22	722	478	558	1,760	1,000	1,190	2,620	2,270	2,510	1,910	350	1,020
23	577	420	476	2,030	1,050	1,480	2,740	2,490	2,590	1,920	523	1,210
24	710	436	535	2,140	938	1,510	3,110	2,640	2,900	1,970	494	961
25	975	419	614	945	760	850	2,730	2,120	2,370	2,530	1,840	2,110
26	1,090	342	500	1,570	734	844	2,810	1,680	2,070	3,520	2,490	2,990
27	915	332	518	1,920	905	1,360	1,760	1,370	1,560	3,670	3,090	3,520
28	1,120	891	1,030	2,200	1,400	1,800	1,950	1,070	1,440	3,090	1,810	2,310
29	---	---	---	2,180	1,380	1,690	1,640	877	1,130	1,820	1,470	1,590
30	---	---	---	2,190	1,370	1,670	1,560	390	902	2,870	1,440	2,080
31	---	---	---	2,420	1,710	2,050	---	---	---	3,120	2,620	2,840
Month	---	---	---	2,630	590	1,510	3,250	390	1,800	---	---	---

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	3,120	2,460	2,840	233	202	218	494	180	365	499	116	261
2	3,250	2,870	3,050	240	194	203	617	283	414	133	89	105
3	3,440	2,700	3,140	319	191	238	953	419	645	94	79	83
4	2,700	1,240	1,770	407	182	217	1,400	516	850	83	78	79
5	1,550	826	1,190	576	394	515	633	281	403	154	82	97
6	841	556	706	579	192	394	938	242	404	102	86	93
7	1,160	415	568	197	177	183	984	644	851	103	92	97
8	1,330	794	1,230	208	177	182	1,290	469	1,020	154	101	122
9	794	166	278	568	190	382	568	252	337	143	105	117
10	177	150	159	603	454	543	1,070	300	643	144	116	123
11	157	140	146	622	512	569	984	246	613	130	117	122
12	148	131	138	622	468	537	271	209	226	135	118	122
13	149	132	139	887	580	785	1,180	238	644	198	122	173
14	329	111	186	914	454	685	1,420	1,110	1,310	315	175	203
15	111	74	81	461	232	310	1,740	1,420	1,520	317	179	228
16	91	74	82	245	194	218	1,640	1,120	1,470	183	168	177
17	99	91	95	681	182	295	1,120	749	917	199	160	167
18	119	99	107	681	433	598	1,940	789	1,550	413	198	308
19	158	111	117	635	352	472	1,900	1,030	1,470	866	405	639
20	170	117	142	577	325	427	1,980	1,680	1,860	832	283	540
21	131	119	123	766	552	612	1,990	1,910	1,960	283	208	228
22	173	119	127	2,090	734	1,200	1,910	1,600	1,740	883	208	553
23	535	173	249	2,700	1,420	2,300	1,860	1,460	1,660	933	614	789
24	564	258	419	1,420	262	561	1,780	1,350	1,560	1,680	854	1,260
25	815	516	671	262	174	216	1,880	1,480	1,690	1,650	696	1,120
26	1,570	812	1,280	179	147	161	1,890	1,590	1,750	696	419	543
27	2,090	1,480	1,840	251	143	161	1,940	1,780	1,880	424	345	371
28	1,780	562	872	593	205	375	1,970	1,900	1,930	989	338	613
29	563	341	428	908	172	536	2,220	1,960	2,100	982	489	693
30	345	222	270	324	142	170	2,320	1,920	2,210	789	425	558
31	---	---	---	329	160	185	1,920	462	944	---	---	---
Month	3,440	74	748	2,700	142	466	2,320	180	1,190	1,680	78	353

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	865	475	701	1,240	560	708	1,390	124	351	404	202	352
2	624	327	429	894	445	597	1,540	142	665	377	189	237
3	748	416	575	447	317	342	146	136	141	202	194	199
4	763	636	721	474	312	361	152	144	147	216	199	203
5	783	676	756	950	406	638	359	150	191	212	196	199
6	859	505	625	1,120	629	948	218	152	176	420	212	316
7	1,150	470	917	1,210	1,060	1,150	256	154	199	269	199	209
8	996	318	590	1,220	273	717	241	166	181	409	210	306
9	819	307	435	278	188	218	328	201	262	264	206	216
10	964	464	775	767	186	427	356	240	303	211	201	204
11	997	646	910	894	238	471	240	169	195	211	203	206
12	1,080	941	1,010	896	180	637	173	164	167	231	211	218
13	1,060	926	998	182	137	151	208	165	173	235	210	217
14	1,390	900	981	234	136	149	208	168	180	220	207	211
15	1,390	1,270	1,330	167	132	136	265	176	198	240	205	217
16	1,360	1,010	1,210	350	136	279	202	178	186	248	206	223
17	1,520	987	1,160	544	259	363	241	179	197	220	206	210
18	1,520	1,470	1,490	259	173	201	244	180	194	231	211	217
19	1,480	1,090	1,330	173	163	167	196	179	185	323	214	244
20	1,470	1,220	1,430	174	163	166	356	188	222	286	213	232
21	1,450	748	1,060	214	163	178	406	251	342	286	217	226
22	1,360	748	1,030	192	111	154	449	345	359	293	223	233
23	1,240	662	893	111	103	106	460	408	429	233	192	212
24	670	457	551	119	105	112	418	242	323	193	187	191
25	1,050	466	634	122	118	120	693	232	376	187	170	180
26	1,050	671	790	125	121	124	605	212	396	213	168	179
27	1,280	1,040	1,120	126	124	125	518	206	232	280	179	225
28	1,480	1,010	1,260	126	122	124	206	187	195	287	176	244
29	1,640	801	1,230	125	123	124	192	185	187	219	166	179
30	1,640	850	1,370	127	124	125	193	186	190	336	195	259
31	858	612	686	---	---	---	208	190	195	352	191	224
Month	1,640	307	935	1,240	103	337	1,540	124	250	420	166	225

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	281	187	218	330	218	241	773	615	703	1,350	903	1,200
2	208	186	195	678	330	503	774	496	670	1,400	879	1,210
3	416	202	256	836	218	431	790	544	636	1,350	602	1,100
4	524	232	333	845	208	431	887	636	779	602	420	501
5	347	203	218	549	207	283	852	549	697	1,170	406	649
6	376	207	236	531	201	279	850	533	664	745	358	526
7	464	213	288	532	203	312	860	358	652	---	---	---
8	240	209	213	276	206	220	961	528	663	---	---	---
9	220	211	215	249	207	226	959	840	912	---	---	---
10	228	216	220	716	211	357	902	754	813	1,720	873	1,200
11	311	222	233	640	256	411	904	718	842	1,760	1,570	1,650
12	402	242	308	382	235	276	1,100	827	926	1,640	1,530	1,610
13	315	235	266	468	252	342	1,180	614	831	1,600	947	1,310
14	465	229	273	738	383	494	1,170	737	994	1,460	893	1,150
15	255	229	245	717	559	634	1,240	908	1,140	1,640	1,300	1,490
16	235	220	223	675	359	447	1,110	290	459	1,820	1,630	1,710
17	344	222	264	377	240	281	946	246	325	1,800	1,490	1,730
18	313	212	247	289	237	249	247	219	229	1,490	957	1,200
19	380	223	267	491	265	354	267	220	228	1,470	927	1,130
20	502	297	377	587	419	489	439	225	272	1,670	1,360	1,530
21	539	300	440	487	262	348	853	396	660	1,680	1,540	1,640
22	458	223	262	677	263	412	874	696	804	1,570	1,340	1,450
23	451	225	277	635	416	504	1,100	747	820	1,720	1,320	1,540
24	438	237	301	562	360	475	1,150	1,050	1,090	1,640	1,360	1,480
25	588	434	508	732	248	382	1,340	864	1,050	1,730	1,420	1,560
26	478	235	267	548	226	287	1,410	774	1,160	1,670	1,470	1,580
27	256	244	251	780	397	627	1,450	764	1,270	1,650	1,530	1,600
28	252	218	234	728	490	586	1,430	1,150	1,370	1,660	1,480	1,550
29	---	---	---	644	251	359	1,150	671	865	1,580	1,460	1,510
30	---	---	---	827	251	468	1,180	735	957	1,470	1,310	1,410
31	---	---	---	784	665	753	---	---	---	1,880	1,400	1,660
Month	588	186	273	845	201	402	1,450	219	783	---	---	---

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	1,860	1,760	1,820	---	---	---	---	---	---	---	---	---
2	1,930	1,830	1,860	---	---	---	---	---	---	---	---	---
3	1,980	1,850	1,910	---	---	---	---	---	---	---	---	---
4	1,970	1,800	1,900	---	---	---	---	---	---	---	---	---
5	1,960	1,920	1,940	---	---	---	---	---	---	---	---	---
6	1,930	1,690	1,870	---	---	---	---	---	---	---	---	---
7	1,920	1,690	1,800	---	---	---	---	---	---	---	---	---
8	1,920	1,870	1,910	---	---	---	---	---	---	---	---	---
9	2,000	1,540	1,850	---	---	---	---	---	---	---	---	---
10	1,540	1,230	1,350	---	---	---	---	---	---	---	---	---
11	1,850	1,230	1,490	---	---	---	---	---	---	---	---	---
12	1,940	1,830	1,900	---	---	---	---	---	---	---	---	---
13	1,940	1,450	1,710	---	---	---	---	---	---	---	---	---
14	1,600	1,140	1,330	---	---	---	---	---	---	---	---	---
15	1,700	1,070	1,280	---	---	---	---	---	---	---	---	---
16	1,890	1,350	1,800	---	---	---	---	---	---	---	---	---
17	1,950	1,860	1,910	---	---	---	---	---	---	---	---	---
18	1,980	1,910	1,940	---	---	---	---	---	---	---	---	---
19	2,010	1,970	1,990	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	October			November			December			January		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	February			March			April			May		
1	---	---	---	7.3	7.2	7.3	7.2	6.9	7.1	---	---	---
2	---	---	---	7.3	7.2	7.2	7.2	6.9	7.0	---	---	---
3	---	---	---	7.3	7.1	7.1	7.1	6.9	7.0	7.3	7.1	7.1
4	---	---	---	7.3	7.0	7.1	7.0	6.8	7.0	7.5	7.0	7.1
5	---	---	---	7.3	7.1	7.2	7.1	6.9	7.0	7.5	7.0	7.2
6	---	---	---	7.2	7.0	7.2	7.1	7.0	7.0	7.4	6.8	7.1
7	---	---	---	7.1	7.0	7.1	7.2	7.0	7.1	7.2	6.9	7.0
8	---	---	---	7.3	7.0	7.1	7.1	6.8	7.0	7.1	6.9	7.0
9	---	---	---	7.4	7.1	7.2	7.0	6.9	6.9	7.1	6.9	7.0
10	---	---	---	7.4	7.1	7.2	7.1	6.9	7.0	7.1	6.9	7.0
11	---	---	---	7.4	7.0	7.2	7.0	6.9	7.0	7.2	6.9	7.1
12	---	---	---	7.2	7.0	7.1	7.1	7.0	7.0	7.2	6.8	7.0
13	---	---	---	7.4	7.1	7.2	7.3	7.0	7.2	6.9	6.7	6.8
14	---	---	---	7.2	7.0	7.1	7.2	7.0	7.2	7.0	6.8	6.8
15	---	---	---	7.2	7.0	7.0	7.1	7.0	7.1	7.0	6.6	6.7
16	---	---	---	7.3	7.0	7.1	7.0	6.8	7.0	6.8	6.5	6.6
17	---	---	---	7.2	6.9	7.1	7.0	6.9	6.9	6.6	6.5	6.5
18	6.8	6.7	6.7	7.2	7.0	7.1	7.2	6.9	7.0	6.9	6.5	6.7
19	6.8	6.7	6.8	7.2	7.0	7.1	7.2	7.0	7.0	6.9	6.5	6.6
20	6.9	6.8	6.9	7.3	7.0	7.2	7.4	7.0	7.1	6.9	6.5	6.6
21	7.0	6.9	6.9	7.2	7.0	7.1	7.4	7.0	7.2	6.8	6.4	6.5
22	6.9	6.8	6.8	7.2	7.0	7.1	7.2	7.0	7.1	6.7	6.4	6.6
23	6.8	6.8	6.8	7.4	7.1	7.2	7.1	6.9	7.0	6.7	6.5	6.6
24	7.0	6.8	6.8	7.3	7.1	7.2	7.2	6.8	6.9	6.8	6.5	6.6
25	7.2	6.8	6.9	7.1	7.1	7.1	6.9	6.6	6.7	7.0	6.7	6.8
26	7.2	6.9	6.9	7.2	7.1	7.1	6.8	6.6	6.8	7.2	6.8	6.9
27	7.3	6.9	7.0	7.3	7.1	7.2	6.8	6.7	6.8	7.1	6.6	7.0
28	7.3	7.2	7.3	7.4	7.1	7.2	7.0	6.8	6.8	6.6	6.4	6.5
29	---	---	---	7.4	7.1	7.3	7.0	6.8	6.9	6.6	6.5	6.5
30	---	---	---	7.5	7.1	7.3	7.1	6.9	7.0	7.0	6.5	6.6
31	---	---	---	7.4	7.1	7.3	---	---	---	7.0	6.6	6.8
Max	---	---	---	7.5	7.2	7.3	7.4	7.0	7.2	---	---	---
Min	---	---	---	7.1	6.9	7.0	6.8	6.6	6.7	---	---	---

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	June			July			August			September		
1	6.9	6.6	6.7	6.0	5.9	6.0	6.5	6.0	6.2	6.6	6.0	6.3
2	7.0	6.6	6.8	6.1	5.9	6.0	6.5	6.2	6.3	6.1	5.7	6.0
3	6.9	6.6	6.8	6.2	6.0	6.1	6.7	6.3	6.5	5.8	5.5	5.6
4	6.7	6.6	6.6	6.3	6.0	6.0	6.8	6.4	6.6	5.5	5.4	5.5
5	6.8	6.6	6.7	6.8	6.2	6.5	6.5	6.3	6.4	5.8	5.4	5.5
6	6.8	6.7	6.7	6.8	6.0	6.2	6.7	6.4	6.4	5.6	5.3	5.5
7	6.9	6.7	6.7	6.1	6.0	6.0	6.7	6.5	6.6	5.7	5.5	5.6
8	7.1	6.8	6.9	6.2	6.1	6.1	6.9	6.4	6.7	5.8	5.4	5.7
9	6.8	6.4	6.7	6.6	6.2	6.3	6.6	6.4	6.4	5.9	5.6	5.7
10	6.4	6.2	6.3	6.8	6.5	6.5	6.7	6.5	6.6	5.9	5.6	5.7
11	6.3	6.1	6.2	6.8	6.6	6.6	6.6	6.5	6.6	5.9	5.6	5.8
12	6.2	6.0	6.1	6.9	6.6	6.6	6.7	6.6	6.6	6.0	5.9	5.9
13	6.3	6.1	6.2	7.0	6.7	6.8	7.0	6.6	6.7	6.9	6.0	6.8
14	6.7	6.1	6.2	6.9	6.5	6.7	7.5	6.8	7.0	6.8	6.7	6.8
15	6.2	5.9	6.0	6.5	6.4	6.4	7.4	6.9	7.0	6.8	6.3	6.5
16	5.9	5.6	5.8	6.5	6.4	6.5	7.2	6.6	6.8	6.3	6.1	6.2
17	5.7	5.5	5.6	6.8	6.3	6.4	6.6	6.4	6.4	6.2	6.0	6.1
18	5.6	5.1	5.3	7.0	6.5	6.7	7.5	6.4	6.8	6.7	6.2	6.5
19	6.1	5.2	5.2	6.7	6.3	6.5	7.3	6.5	6.7	6.8	6.6	6.7
20	6.1	5.1	5.7	7.0	6.3	6.5	7.1	6.7	6.8	6.8	6.2	6.4
21	5.6	5.0	5.2	6.9	6.6	6.8	6.9	6.6	6.7	6.2	6.1	6.1
22	5.9	5.5	5.7	7.3	6.9	7.0	6.6	6.4	6.5	6.8	6.1	6.3
23	6.5	5.9	6.2	7.3	6.6	7.1	6.6	6.3	6.5	6.8	6.7	6.7
24	6.5	6.2	6.4	6.6	6.1	6.2	6.7	6.4	6.5	7.5	6.8	7.0
25	6.7	6.4	6.6	6.1	5.9	6.0	6.8	6.4	6.5	7.1	6.3	6.6
26	6.9	6.6	6.8	6.2	5.9	6.0	6.7	6.4	6.5	6.3	6.1	6.2
27	7.0	6.6	6.8	6.2	5.8	6.0	6.9	6.4	6.6	6.2	6.1	6.1
28	6.6	6.0	6.1	6.5	6.1	6.3	6.7	6.5	6.6	6.7	6.1	6.2
29	6.0	6.0	6.0	6.7	6.0	6.3	6.9	6.4	6.6	6.6	6.3	6.4
30	6.0	5.8	6.0	6.0	5.8	5.9	7.1	6.5	6.7	6.5	6.2	6.3
31	---	---	---	6.3	5.8	5.9	6.6	6.4	6.5	---	---	---
Max	7.1	6.8	6.9	7.3	6.9	7.1	7.5	6.9	7.0	7.5	6.8	7.0
Min	5.6	5.0	5.2	6.0	5.8	5.9	6.5	6.0	6.2	5.5	5.3	5.5

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	October			November			December			January		
1	6.6	6.3	6.5	7.0	6.8	6.9	---	---	---	---	---	---
2	6.6	6.2	6.3	6.9	6.8	6.8	---	---	---	---	---	---
3	6.6	6.3	6.4	6.9	6.8	6.9	---	---	---	---	---	---
4	6.6	6.6	6.6	7.0	6.9	6.9	---	---	---	---	---	---
5	6.8	6.6	6.7	7.3	6.9	7.1	---	---	---	---	---	---
6	7.0	6.4	6.5	7.3	7.1	7.3	---	---	---	---	---	---
7	7.2	6.5	7.1	7.4	7.1	7.3	---	---	---	---	---	---
8	7.1	6.5	6.5	7.4	6.9	7.0	---	---	---	---	---	---
9	6.8	6.5	6.6	6.9	6.5	6.6	---	---	---	---	---	---
10	7.1	6.5	6.7	6.7	6.4	6.6	---	---	---	---	---	---
11	7.0	6.5	6.9	6.9	6.4	6.5	---	---	---	---	---	---
12	7.0	6.9	6.9	6.9	6.4	6.9	---	---	---	---	---	---
13	6.9	6.4	6.6	6.5	6.3	6.4	---	---	---	---	---	---
14	6.9	6.4	6.5	6.4	6.2	6.2	---	---	---	---	---	---
15	7.0	6.8	6.9	6.3	6.1	6.2	---	---	---	---	---	---
16	6.9	6.5	6.7	7.0	6.1	6.8	---	---	---	---	---	---
17	6.9	6.4	6.5	7.0	6.4	6.8	---	---	---	---	---	---
18	7.0	6.8	6.9	6.4	6.2	6.2	---	---	---	---	---	---
19	6.8	6.4	6.6	6.2	6.1	6.2	---	---	---	---	---	---
20	6.9	6.5	6.8	6.2	6.2	6.2	---	---	---	---	---	---
21	6.8	6.4	6.4	6.8	6.2	6.2	---	---	---	7.2	6.6	6.7
22	6.7	6.3	6.5	6.6	6.2	6.4	---	---	---	7.2	6.5	6.7
23	6.6	6.4	6.5	6.2	6.0	6.1	---	---	---	7.0	6.7	6.8
24	6.6	6.4	6.5	6.0	5.7	5.9	---	---	---	6.9	6.7	6.8
25	6.8	6.5	6.6	5.7	5.4	5.6	---	---	---	6.8	6.6	6.8
26	6.8	6.6	6.7	5.4	5.0	5.2	---	---	---	7.0	6.6	6.7
27	7.0	6.8	6.8	5.1	4.9	5.0	---	---	---	7.6	6.8	7.1
28	7.1	6.8	7.0	---	---	---	---	---	---	7.3	6.7	7.1
29	7.2	6.7	7.0	---	---	---	---	---	---	6.8	6.7	6.7
30	7.2	6.7	7.0	---	---	---	---	---	---	7.5	6.7	6.9
31	6.9	6.6	6.8	---	---	---	---	---	---	7.5	7.2	7.3
Max	7.2	6.9	7.1	---	---	---	---	---	---	---	---	---
Min	6.6	6.2	6.3	---	---	---	---	---	---	---	---	---

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	February			March			April			May		
1	7.3	7.1	7.3	7.0	6.8	6.8	6.4	6.3	6.3	7.1	6.6	6.9
2	7.3	7.1	7.2	7.5	7.0	7.2	6.5	6.2	6.4	7.4	6.6	7.0
3	7.5	7.2	7.3	7.4	6.7	7.0	6.6	6.4	6.5	7.2	6.5	6.8
4	7.6	7.4	7.4	7.4	6.6	6.7	6.6	6.4	6.6	6.6	6.5	6.5
5	7.5	7.3	7.4	7.3	6.6	6.7	6.6	6.3	6.6	6.9	6.6	6.6
6	7.4	7.3	7.3	7.3	6.7	6.7	6.6	6.1	6.6	6.8	6.6	6.7
7	7.6	7.4	7.4	7.2	6.7	6.8	6.6	6.4	6.5	---	---	---
8	7.5	7.2	7.4	6.8	6.7	6.8	6.5	6.4	6.4	---	---	---
9	7.5	7.1	7.4	6.9	6.8	6.8	6.5	6.1	6.4	---	---	---
10	7.5	7.3	7.3	7.2	6.8	6.8	6.3	6.3	6.3	7.4	7.1	7.2
11	7.5	7.3	7.4	7.0	6.8	6.9	6.3	6.2	6.3	7.2	6.9	7.1
12	7.8	7.3	7.5	7.0	6.7	6.8	6.4	6.3	6.3	7.5	6.9	7.0
13	7.6	7.3	7.5	6.9	6.8	6.8	6.5	6.4	6.4	7.1	6.8	6.9
14	7.5	7.3	7.4	7.3	6.9	6.9	6.7	6.5	6.5	7.3	6.8	6.9
15	7.5	7.3	7.4	7.2	7.0	7.1	6.8	6.6	6.8	7.3	6.9	7.1
16	7.5	7.3	7.4	7.2	6.9	7.0	7.2	6.8	7.0	7.8	7.0	7.4
17	7.7	7.4	7.5	7.0	6.8	6.9	7.2	7.0	7.0	7.4	6.8	7.1
18	7.7	7.3	7.4	7.0	6.9	6.9	7.3	6.9	6.9	6.8	6.7	6.8
19	7.5	7.3	7.4	7.3	7.0	7.0	6.9	6.8	6.9	7.1	6.8	6.9
20	7.6	7.3	7.5	7.5	7.2	7.3	6.9	6.8	6.9	7.3	7.0	7.2
21	7.8	6.9	7.3	---	---	---	7.2	6.8	7.0	7.4	7.1	7.2
22	7.0	6.7	6.8	---	---	---	7.4	7.0	7.1	7.2	7.0	7.0
23	7.1	6.8	6.8	---	---	---	7.5	7.1	7.3	7.3	6.9	7.0
24	7.1	6.8	6.8	---	---	---	7.6	7.2	7.4	7.2	6.8	7.0
25	7.4	7.1	7.2	---	---	---	7.3	7.0	7.1	7.2	6.8	7.0
26	7.2	6.8	6.8	---	---	---	7.2	6.7	7.0	7.2	6.9	7.0
27	6.9	6.8	6.8	---	---	---	7.4	6.7	7.0	7.1	6.8	7.0
28	6.9	6.8	6.9	---	---	---	7.2	6.7	7.0	7.0	6.8	7.0
29	---	---	---	---	---	---	6.7	6.5	6.6	7.0	6.7	6.9
30	---	---	---	6.6	6.3	6.6	6.9	6.6	6.7	6.9	6.7	6.8
31	---	---	---	6.5	6.2	6.3	---	---	---	7.0	6.6	6.8
Max	7.8	7.4	7.5	---	---	---	7.6	7.2	7.4	---	---	---
Min	6.9	6.7	6.8	---	---	---	6.3	6.1	6.3	---	---	---

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	June			July			August			September		
1	7.1	6.5	6.8	---	---	---	---	---	---	---	---	---
2	6.9	6.6	6.8	---	---	---	---	---	---	---	---	---
3	7.2	6.8	7.0	---	---	---	---	---	---	---	---	---
4	7.4	6.6	6.9	---	---	---	---	---	---	---	---	---
5	7.2	6.8	7.0	---	---	---	---	---	---	---	---	---
6	6.9	6.5	6.7	---	---	---	---	---	---	---	---	---
7	7.0	6.4	6.5	---	---	---	---	---	---	---	---	---
8	7.0	6.6	6.8	---	---	---	---	---	---	---	---	---
9	6.9	6.4	6.7	---	---	---	---	---	---	---	---	---
10	6.6	6.4	6.5	---	---	---	---	---	---	---	---	---
11	7.0	6.4	6.6	---	---	---	---	---	---	---	---	---
12	7.0	6.7	6.8	---	---	---	---	---	---	---	---	---
13	7.0	6.6	6.7	---	---	---	---	---	---	---	---	---
14	6.8	6.6	6.7	---	---	---	---	---	---	---	---	---
15	7.1	6.7	6.8	---	---	---	---	---	---	---	---	---
16	7.4	6.9	7.1	---	---	---	---	---	---	---	---	---
17	7.4	6.9	7.1	---	---	---	---	---	---	---	---	---
18	7.0	6.7	6.9	---	---	---	---	---	---	---	---	---
19	7.0	6.6	6.9	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	8.5	6.0	6.9	17.5	15.0	16.2	---	---	---
2	---	---	---	10.7	7.2	8.8	18.3	16.5	17.3	---	---	---
3	---	---	---	10.3	8.7	9.6	17.9	16.8	17.4	18.6	16.0	17.4
4	---	---	---	10.1	7.6	8.8	17.7	16.5	17.1	21.9	16.9	18.7
5	---	---	---	10.4	7.6	8.9	16.8	15.8	16.3	21.8	19.6	20.2
6	---	---	---	9.1	8.3	8.6	18.5	14.9	16.3	22.6	19.2	20.7
7	---	---	---	9.5	8.0	8.7	18.2	15.7	16.9	21.6	19.5	20.3
8	---	---	---	12.1	7.9	9.2	18.9	16.8	17.4	19.5	17.6	18.5
9	---	---	---	11.4	8.9	10.1	17.0	15.4	16.1	19.7	16.9	18.0
10	---	---	---	13.9	10.6	12.0	18.7	14.4	15.9	20.6	16.9	18.5
11	---	---	---	15.7	13.2	14.0	17.8	14.6	16.1	20.8	18.0	19.4
12	---	---	---	17.1	13.4	15.3	18.8	15.6	17.3	21.9	19.6	20.4
13	---	---	---	19.3	16.5	17.7	19.9	17.2	18.5	21.9	19.6	20.6
14	---	---	---	18.5	16.7	17.9	20.6	18.5	19.4	20.9	20.1	20.4
15	---	---	---	16.7	14.2	15.4	21.6	18.7	20.1	21.6	19.3	20.3
16	---	---	---	16.2	13.1	14.4	20.7	19.6	20.2	21.5	19.9	20.5
17	---	---	---	15.2	13.8	14.5	19.6	17.3	18.4	20.9	19.3	20.1
18	9.9	7.9	8.8	15.2	13.3	14.1	20.5	16.4	18.0	22.7	20.1	21.4
19	8.1	6.3	7.1	14.6	12.3	13.2	21.2	16.6	18.7	22.1	21.0	21.5
20	6.8	5.5	6.1	13.9	11.2	12.5	22.6	18.4	20.1	22.9	20.5	21.5
21	8.4	5.5	6.7	12.8	11.0	11.7	20.5	19.5	20.1	22.8	20.8	21.8
22	8.2	6.8	7.4	13.1	10.9	11.8	20.7	19.3	19.9	23.4	21.0	22.1
23	8.7	7.3	7.9	13.8	10.7	12.0	22.0	19.8	20.6	24.2	21.6	22.5
24	9.3	7.1	8.0	12.3	10.8	11.3	22.9	20.5	21.5	24.4	20.8	22.2
25	9.2	7.7	8.5	11.2	10.5	10.8	23.5	21.1	22.0	24.8	21.9	23.2
26	9.0	7.5	8.1	12.6	9.8	10.9	23.0	20.7	21.4	25.8	23.2	24.3
27	7.8	5.7	6.7	13.2	9.6	11.1	20.7	19.6	19.9	25.5	23.7	24.6
28	7.1	5.4	6.1	13.1	10.8	12.0	20.3	18.6	19.4	26.9	24.2	25.3
29	---	---	---	14.8	12.4	13.4	19.4	17.0	18.6	26.6	24.1	25.2
30	---	---	---	17.0	12.9	14.5	19.0	14.9	17.6	29.4	24.7	26.6
31	---	---	---	17.2	14.1	15.6	---	---	---	29.7	27.2	28.2
Month	---	---	---	19.3	6.0	12.1	23.5	14.4	18.5	---	---	---

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	30.2	27.7	28.5	28.1	24.9	25.8	33.9	29.0	30.3	25.6	23.4	24.4
2	29.0	26.8	27.9	27.8	25.0	26.2	33.6	29.6	30.7	23.4	22.8	23.1
3	28.0	26.1	26.7	29.2	26.7	27.6	32.9	29.6	30.8	23.8	22.6	23.2
4	26.4	24.0	25.2	27.9	26.1	26.9	33.1	30.5	31.2	24.0	23.2	23.6
5	25.4	23.8	24.4	29.7	27.3	28.2	31.0	28.9	29.9	25.2	24.0	24.5
6	24.4	23.0	23.6	28.7	25.8	27.4	31.1	28.7	29.9	24.9	23.4	23.9
7	26.2	22.5	24.0	26.4	25.2	25.7	31.9	29.6	30.7	24.4	22.8	23.3
8	26.4	23.4	24.6	26.6	24.7	25.4	31.3	29.1	30.1	24.4	23.0	23.5
9	24.2	21.9	22.5	27.7	24.8	25.7	30.4	28.1	28.9	25.9	22.6	23.7
10	24.1	21.8	22.7	30.0	25.3	26.5	29.8	28.2	28.9	25.2	23.5	24.2
11	24.6	22.4	23.4	30.4	26.5	27.3	29.0	27.2	28.2	23.6	22.4	23.0
12	23.7	21.7	22.6	30.2	26.6	28.2	27.2	25.9	26.4	23.7	21.7	22.4
13	24.3	21.3	22.3	29.7	27.2	28.4	28.1	24.8	26.1	23.0	21.4	22.2
14	23.8	20.6	22.4	29.0	26.9	27.7	28.7	25.8	26.7	23.6	22.1	22.6
15	21.8	20.0	20.9	28.1	26.1	26.8	28.0	25.1	26.4	24.2	22.6	23.0
16	23.0	21.7	22.3	29.1	26.4	27.6	27.8	26.4	27.0	22.7	22.2	22.4
17	25.2	22.1	23.0	32.8	27.0	28.8	26.4	25.9	26.2	23.8	21.9	22.8
18	24.3	22.4	23.2	34.5	28.6	30.6	28.0	25.4	26.5	25.6	22.6	23.7
19	25.8	23.3	24.3	31.2	29.4	30.2	30.3	26.7	28.2	24.8	23.5	24.3
20	26.4	24.7	25.4	32.8	28.3	29.8	30.1	28.1	29.0	25.0	23.2	24.2
21	26.6	24.5	25.1	31.2	28.9	29.9	29.5	27.7	28.4	23.2	22.0	22.4
22	28.5	25.0	26.3	30.0	28.7	29.4	29.6	28.0	28.5	24.1	20.8	22.4
23	29.8	26.6	27.8	28.9	28.1	28.3	29.9	27.6	28.6	23.6	22.1	22.8
24	29.5	27.7	28.5	28.4	26.2	26.9	30.5	27.6	28.8	25.1	22.8	23.8
25	29.0	28.0	28.5	26.2	25.4	25.8	30.6	27.8	28.8	24.9	22.9	24.0
26	28.6	27.3	28.0	29.0	24.8	26.1	30.1	28.0	28.9	24.2	21.9	22.8
27	28.0	27.2	27.6	29.3	26.1	27.5	30.6	28.4	29.3	23.2	21.3	21.9
28	27.3	25.8	26.5	30.0	27.2	28.4	31.2	28.9	29.8	23.9	21.1	22.3
29	26.6	25.7	26.1	28.9	27.7	28.3	30.6	28.2	29.3	23.5	21.7	22.5
30	27.4	25.4	25.9	29.1	26.6	27.7	30.2	28.7	29.3	23.1	21.0	22.0
31	---	---	---	31.7	27.5	28.6	28.7	25.6	26.8	---	---	---
Month	30.2	20.0	25.0	34.5	24.7	27.7	33.9	24.8	28.7	25.9	20.8	23.2

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	22.6	21.3	21.8	16.9	15.0	15.8	16.6	14.2	15.3	13.4	10.3	12.1
2	24.4	20.7	21.8	16.3	14.6	15.5	16.6	14.1	15.5	12.8	10.4	11.2
3	23.4	20.6	21.6	14.6	13.2	13.8	14.1	12.7	13.2	11.2	9.8	10.3
4	23.6	21.0	22.0	13.4	12.2	12.7	12.7	11.2	12.0	11.6	10.0	10.7
5	22.9	21.4	22.0	12.4	10.9	11.6	11.2	10.2	10.6	12.7	10.7	11.6
6	21.6	20.7	21.1	12.8	10.2	11.5	10.6	9.6	10.1	15.3	12.6	14.0
7	22.0	20.1	20.9	13.8	11.8	12.5	10.6	9.1	10.2	13.4	12.5	12.8
8	21.7	20.4	20.8	14.1	13.2	13.6	9.7	6.5	7.7	15.1	12.8	14.0
9	20.7	19.9	20.2	16.2	13.7	15.2	6.7	5.5	6.0	12.8	12.0	12.3
10	21.7	19.6	20.4	16.7	14.9	15.7	6.3	5.0	5.7	12.1	10.7	11.4
11	22.3	20.5	21.2	17.2	15.4	16.2	7.2	5.8	6.4	11.2	9.8	10.2
12	21.8	20.6	21.2	16.8	15.3	16.3	8.1	6.2	7.0	10.7	9.7	10.1
13	21.1	19.8	20.4	15.3	13.6	14.3	9.1	6.9	7.8	11.6	10.2	10.8
14	19.8	17.8	19.0	15.1	13.4	14.1	10.7	7.3	8.3	12.5	10.8	11.5
15	18.7	16.5	17.6	15.4	13.8	14.0	9.5	7.8	8.6	14.1	11.7	12.7
16	18.8	16.9	17.5	17.0	14.0	16.0	9.8	8.6	9.2	13.9	11.2	13.0
17	18.2	17.3	17.7	16.7	15.6	16.1	9.4	8.0	8.7	11.2	9.0	10.0
18	19.1	18.0	18.3	15.6	13.3	14.5	10.3	8.4	9.2	9.1	8.2	8.8
19	20.3	18.2	18.8	13.4	12.3	12.9	10.2	8.9	9.3	9.8	8.4	9.0
20	21.4	19.2	20.3	12.3	11.5	11.9	9.7	8.2	8.8	9.1	7.8	8.5
21	20.4	17.9	18.9	11.5	10.2	10.8	9.2	8.6	8.9	8.3	5.9	7.4
22	17.9	17.1	17.5	13.3	10.6	11.6	10.4	8.9	9.3	7.6	5.9	7.0
23	17.5	16.6	17.0	13.3	12.3	13.0	12.1	10.4	11.3	6.3	5.9	6.1
24	16.7	14.7	15.6	12.3	11.7	12.1	11.3	9.8	10.4	6.6	5.5	6.0
25	15.0	13.2	14.2	12.4	11.4	11.8	11.9	9.5	10.2	6.4	5.8	6.1
26	14.5	12.4	13.2	12.4	11.2	11.6	12.2	10.6	11.3	6.0	4.8	5.3
27	13.0	12.4	12.7	12.0	11.3	11.5	11.6	10.4	10.9	6.0	4.1	5.1
28	15.3	13.0	14.1	12.1	11.3	11.5	11.4	10.4	10.9	6.3	5.5	5.9
29	14.6	13.2	13.9	12.8	11.6	12.0	10.9	9.9	10.3	6.0	4.8	5.4
30	16.7	13.3	14.3	14.2	11.8	12.8	10.8	9.4	9.9	5.6	4.2	4.8
31	15.6	14.1	14.8	---	---	---	10.6	9.6	10.2	5.5	4.5	5.0
Month	24.4	12.4	18.4	17.2	10.2	13.4	16.6	5.0	9.8	15.3	4.1	9.3

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	5.0	4.4	4.7	11.1	9.4	10.1	19.2	16.3	17.7	23.7	21.0	22.0
2	5.8	4.8	5.2	13.2	10.6	12.0	20.9	17.9	19.3	23.9	21.2	22.4
3	5.9	5.0	5.4	12.8	11.5	12.2	21.4	18.2	19.5	23.2	20.3	21.8
4	6.1	4.5	5.3	12.2	11.3	11.7	20.9	18.8	19.6	20.3	19.2	19.7
5	5.3	4.3	4.8	11.8	10.4	11.0	20.1	18.4	19.1	19.4	17.4	18.7
6	4.8	3.7	4.2	11.2	10.3	10.6	18.9	17.1	17.8	19.4	17.6	18.3
7	5.2	3.2	4.3	10.9	7.9	9.7	17.5	13.9	15.7	---	---	---
8	5.2	4.2	4.7	11.5	9.1	10	15.0	12.6	13.7	---	---	---
9	4.9	3.8	4.3	11.5	9.0	10	14.3	12.1	12.9	---	---	---
10	5.9	3.9	4.6	12.6	9.4	10.7	15.4	12.6	13.7	24.6	19.8	21.8
11	6.6	3.7	4.7	13.1	10.8	11.7	14.4	12.2	13.5	25.1	22.2	23.2
12	6.4	4.3	5.1	13.8	10.6	12.0	16.4	13.0	14.3	24.7	22.6	23.4
13	6.1	5.2	5.7	13.6	10.9	12.2	18.1	14.8	15.8	23.8	19.9	21.6
14	7.3	5.8	6.2	15.2	12.5	13.7	16.9	15.4	15.9	23.1	18.8	20.5
15	7.3	5.5	6.4	16.7	14.4	15.5	16.2	15.3	15.7	22.6	20.2	21.3
16	7.2	6.1	6.5	16.3	13.4	14.7	15.7	13.0	14.5	22.5	19.8	21.1
17	6.6	5.2	5.8	13.4	11.1	11.9	14.6	12.9	13.8	21.8	20.6	21.4
18	6.2	5.2	5.6	12.5	10.3	11.3	14.1	12.9	13.4	20.7	19.1	19.9
19	5.4	3.8	4.6	12.6	9.8	11.1	14.4	12.7	13.3	21.1	18.3	19.5
20	6.2	3.8	5.0	13.2	10.2	11.7	17.7	12.9	14.7	21.2	18.2	19.7
21	7.3	6.1	6.6	12.2	11.4	11.8	18.5	14.6	16.2	22.5	19.4	20.8
22	9.9	6.6	7.5	14.1	11.1	12.4	19.8	16.1	17.8	23.0	20.3	21.4
23	8.5	6.4	7.3	16.7	13.2	14.7	20.5	17.6	18.8	23.8	20.9	21.9
24	8.7	6.7	7.6	17.9	15.8	16.5	20.1	17.4	18.7	24.2	21.4	22.7
25	7.9	6.7	7.2	16.5	14.5	15.6	21.8	19.2	20.4	26.2	22.2	23.7
26	9.8	7.5	8.5	16.4	13.4	14.6	21.0	19.3	20.2	26.1	22.9	24.3
27	10.9	8.4	9.3	19.0	14.8	16.5	21.1	18.8	19.8	26.4	23.6	24.9
28	11.4	8.7	9.9	19.3	17.4	18.3	21.4	20.3	20.7	27.0	24.3	25.6
29	---	---	---	17.6	15.5	16.4	22.4	19.8	20.8	27.4	25.2	25.9
30	---	---	---	17.8	14.6	16.2	22.8	20.6	21.6	26.7	24.4	25.4
31	---	---	---	17.8	15.0	16.2	---	---	---	28.4	24.7	26.1
Month	11.4	3.2	6.0	19.3	7.9	13.0	22.8	12.1	17.0	---	---	---

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	28.7	25.5	26.7	---	---	---	---	---	---	---	---	---
2	27.7	26.1	26.6	---	---	---	---	---	---	---	---	---
3	26.2	24.8	25.3	---	---	---	---	---	---	---	---	---
4	26.4	24.5	25.3	---	---	---	---	---	---	---	---	---
5	27.3	24.9	25.9	---	---	---	---	---	---	---	---	---
6	27.3	25.7	26.2	---	---	---	---	---	---	---	---	---
7	27.1	24.9	25.9	---	---	---	---	---	---	---	---	---
8	29.2	25.6	27.0	---	---	---	---	---	---	---	---	---
9	28.0	26.5	27.1	---	---	---	---	---	---	---	---	---
10	26.9	26.0	26.5	---	---	---	---	---	---	---	---	---
11	28.2	25.0	26.3	---	---	---	---	---	---	---	---	---
12	28.5	25.9	27.0	---	---	---	---	---	---	---	---	---
13	27.4	25.8	26.5	---	---	---	---	---	---	---	---	---
14	25.8	23.3	24.5	---	---	---	---	---	---	---	---	---
15	23.5	20.8	22.1	---	---	---	---	---	---	---	---	---
16	23.3	19.7	21.4	---	---	---	---	---	---	---	---	---
17	27.2	21.5	23.8	---	---	---	---	---	---	---	---	---
18	26.8	24.9	25.9	---	---	---	---	---	---	---	---	---
19	28.6	25.6	26.7	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	9.4	9.0	9.2	---	---	---	---	---	---
2	---	---	---	9.1	8.6	9.0	---	---	---	---	---	---
3	---	---	---	9.0	7.8	8.2	---	---	---	10.1	9.0	9.6
4	---	---	---	8.3	7.2	7.6	---	---	---	10.6	9.1	9.6
5	---	---	---	8.4	7.3	7.8	---	---	---	10.3	8.9	9.5
6	---	---	---	---	---	---	---	---	---	9.6	8.2	8.9
7	---	---	---	---	---	---	---	---	---	8.9	7.6	8.0
8	---	---	---	---	---	---	8.5	7.8	8.3	8.4	6.3	7.1
9	---	---	---	---	---	---	8.0	6.4	6.8	7.4	5.7	6.2
10	---	---	---	---	---	---	7.5	6.1	6.6	8.3	5.6	6.8
11	---	---	---	---	---	---	7.5	6.3	6.8	9.0	7.7	8.4
12	---	---	---	---	---	---	8.4	6.7	7.5	9.0	7.5	8.2
13	---	---	---	---	---	---	9.1	7.6	8.4	8.9	7.3	8.0
14	---	---	---	---	---	---	9.1	8.2	8.6	8.7	7.5	8.2
15	---	---	---	---	---	---	8.5	7.7	8.1	8.7	7.0	7.9
16	---	---	---	---	---	---	7.9	6.8	7.4	8.1	5.4	6.7
17	---	---	---	---	---	---	8.0	5.8	6.8	6.7	4.1	4.7
18	9.8	8.9	9.2	---	---	---	9.1	5.4	6.9	7.9	5.2	6.7
19	9.8	8.9	9.2	---	---	---	9.7	6.8	8.2	8.0	5.5	6.7
20	10.2	9.3	9.9	---	---	---	10.0	8.2	8.9	8.0	4.3	6.1
21	10.4	9.5	9.8	---	---	---	10.0	8.0	8.9	7.7	3.6	5.5
22	9.5	8.7	9.1	---	---	---	8.9	7.6	8.4	7.0	3.7	5.4
23	8.8	8.1	8.5	---	---	---	8.8	7.9	8.3	6.5	4.8	5.8
24	9.4	8.1	8.5	---	---	---	9.3	7.6	8.2	7.4	3.7	5.1
25	9.8	8.1	8.7	---	---	---	8.3	6.7	7.4	8.4	5.9	7.0
26	9.9	7.8	8.3	---	---	---	7.7	6.3	6.8	7.9	6.5	7.3
27	9.7	7.8	8.4	---	---	---	6.5	5.7	6.2	8.1	6.2	7.3
28	9.6	9.3	9.5	---	---	---	8.4	5.3	6.4	6.6	4.5	5.4
29	---	---	---	---	---	---	7.6	5.6	6.6	5.5	3.4	4.4
30	---	---	---	---	---	---	9.0	5.7	7.1	9.2	3.5	6.0
31	---	---	---	---	---	---	---	---	---	8.9	6.0	7.5
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	8.7	5.4	7.3	1.1	0.2	0.3	---	---	---	5.4	3.7	4.4
2	9.4	4.9	7.4	1.3	0.2	0.5	---	---	---	3.7	2.0	2.7
3	8.4	6.6	7.8	2.2	0.2	1.1	---	---	---	2.1	1.1	1.5
4	6.6	3.6	4.7	2.8	0.2	0.9	4.7	1.8	3.3	1.1	0.7	0.9
5	5.8	2.8	4.2	5.2	1.1	3.6	3.6	1.1	2.3	2.4	0.1	1.0
6	5.2	2.1	3.9	4.9	0.9	2.6	5.5	1.4	2.9	1.6	0.5	0.9
7	5.3	2.0	3.7	1.4	0.5	0.9	5.7	3.3	4.7	0.7	0.1	0.4
8	6.4	4.1	5.3	2.1	0.5	0.9	6.0	2.2	4.5	1.6	0.1	0.5
9	4.1	2.7	3.4	4.8	1.2	3.1	3.6	0.5	1.4	2.2	0.1	0.5
10	4.1	3.2	3.5	8.1	3.8	4.6	4.9	0.6	2.9	1.8	0.1	1.0
11	5.2	2.1	3.5	7.1	3.5	5.0	4.2	1.4	2.7	1.6	0.7	1.2
12	4.2	3.0	3.5	7.9	3.5	5.6	2.4	1.4	2.0	3.0	1.2	1.6
13	5.7	2.4	3.4	6.6	4.7	5.8	7.4	1.9	4.2	7.2	1.6	5.5
14	6.2	2.4	4.2	6.5	3.1	5.1	8.7	5.9	6.9	7.0	6.4	6.8
15	4.6	3.7	4.2	3.1	1.0	2.2	8.2	6.3	7.1	6.5	3.9	5.5
16	3.7	2.9	3.1	3.6	1.2	2.2	7.7	4.8	6.5	3.9	1.8	2.8
17	3.6	2.3	2.8	6.6	1.6	3.2	4.8	3.1	3.9	3.4	1.0	2.0
18	3.1	2.2	2.8	6.3	2.7	4.8	8.7	3.2	6.4	6.4	3.3	5.1
19	4.5	1.6	2.9	5.3	3.2	4.4	8.2	4.0	6.3	6.7	5.2	6.0
20	4.5	2.0	3.4	9.3	2.5	4.9	7.7	6.0	6.8	6.2	2.6	4.7
21	2.3	1.1	1.6	6.1	3.7	5.2	7.4	5.4	6.1	2.7	1.5	2.1
22	2.9	0.7	1.7	8.0	5.6	6.8	6.3	3.2	4.8	7.1	1.6	4.7
23	4.5	2.0	3.5	7.9	5.0	7.0	6.4	2.0	4.4	7.1	5.7	6.4
24	4.5	1.4	3.5	5.3	0.9	2.6	6.8	3.0	4.8	8.6	6.4	7.5
25	5.4	2.4	4.3	1.2	0.1	0.8	7.0	3.5	4.9	7.8	3.9	6.1
26	6.4	4.1	5.7	3.4	0.9	1.7	6.5	3.9	5.1	3.9	2.4	3.3
27	6.7	4.6	6.0	3.1	0.5	1.9	6.4	3.8	5.4	3.1	1.7	2.3
28	5.4	0.7	2.1	4.6	0.1	2.4	6.5	3.9	5.4	6.4	1.5	4.0
29	0.7	0.2	0.3	5.4	1.3	3.4	6.8	3.4	5.1	6.4	3.8	4.9
30	0.5	0.2	0.2	3.2	0.1	1.5	6.9	3.2	5.7	5.8	3.2	4.2
31	---	---	---	---	---	---	4.7	3.3	4.0	---	---	---
Month	9.4	0.2	3.8	---	---	---	---	---	---	8.6	0.1	3.4

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	6.1	3.9	5.1	7.7	5.4	6.3	9.3	5.9	7.4	9.7	6.6	8.9
2	6.2	2.4	3.8	6.7	4.8	5.7	9.3	4.6	7.2	9.4	6.7	7.4
3	5.8	2.7	4.5	5.5	4.1	4.9	4.6	3.2	3.8	7.0	6.6	6.7
4	6.8	5.2	5.8	6.7	5.0	5.7	4.8	3.3	4.2	7.6	6.3	7.0
5	6.8	5.3	6.1	10.0	6.0	8.0	6.7	4.3	5.0	7.2	6.3	6.8
6	8.1	3.0	5.1	10.1	8.2	9.5	6.3	4.6	5.2	9.5	7.1	8.5
7	8.6	4.3	7.7	10.3	9.1	9.8	6.7	4.6	5.6	7.3	6.2	6.5
8	8.4	3.7	5.6	9.9	4.8	7.5	8.8	5.0	7.3	9.5	6.3	8.0
9	7.4	3.7	5.2	4.8	2.8	3.8	10.3	8.3	9.3	7.8	6.0	6.4
10	8.5	5.4	7.2	5.6	2.6	4.1	11.2	8.9	10.0	7.1	6.0	6.6
11	8.2	6.1	7.5	7.2	2.8	4.4	8.9	7.0	7.8	7.2	6.3	6.9
12	8.1	7.3	7.7	7.4	2.9	5.6	7.0	6.7	6.8	8.2	6.4	7.1
13	7.6	5.9	6.7	3.9	3.6	3.8	7.4	6.5	6.8	8.6	7.1	7.4
14	8.3	5.1	6.3	4.7	2.3	3.5	7.6	6.1	6.6	8.3	7.0	7.4
15	8.5	7.7	8.1	3.6	1.2	2.5	8.3	6.2	6.9	9.7	7.2	8.2
16	8.3	6.1	7.5	8.1	1.9	6.3	7.2	6.6	6.9	9.8	7.6	8.7
17	8.4	5.1	6.8	8.0	4.7	7.0	8.2	6.5	7.1	9.0	7.7	8.4
18	8.5	7.7	8.1	4.7	2.4	3.2	8.2	7.1	7.4	9.3	8.0	8.7
19	7.8	5.3	6.6	2.4	1.2	2.2	7.4	6.4	6.9	11.6	8.1	9.3
20	8.0	5.9	7.5	2.8	0.8	2.0	9.1	6.1	6.8	10.6	8.5	9.3
21	7.8	4.0	5.5	9.5	2.4	5.3	9.8	7.3	8.9	12.1	8.7	9.4
22	7.3	3.0	5.3	8.2	6.0	7.1	10.0	9.0	9.4	12.2	8.5	9.2
23	6.8	4.3	5.2	6.7	5.9	6.2	10.2	9.7	10.0	10.3	9.6	10.1
24	6.0	3.5	4.7	5.9	5.4	5.7	9.8	6.8	8.3	10.2	9.8	10.0
25	9.2	5.2	6.2	5.4	4.5	5.1	10.2	6.7	8.1	9.9	9.6	9.8
26	9.6	6.8	7.7	5.3	3.6	4.9	10.1	6.9	8.4	11.9	9.6	10.3
27	10.1	8.6	9.6	4.9	1.9	4.1	9.5	6.0	6.5	13.0	10.7	12.1
28	10.5	8.8	9.8	4.8	4.3	4.6	6.4	6.0	6.1	13.4	10.2	12.3
29	10.3	8.0	9.4	4.4	3.8	4.2	6.6	5.9	6.2	11.6	9.9	10.5
30	10.1	7.3	9.2	5.9	3.6	4.4	6.5	5.9	6.3	12.8	11.1	11.9
31	7.3	5.9	6.4	---	---	---	6.9	5.8	6.4	12.8	10.5	11.3
Month	10.5	2.4	6.7	10.3	0.8	5.2	11.2	3.2	7.1	13.4	6.0	8.7

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	11.6	10.6	11.1	9.8	8.5	8.9	12.1	10.4	11.3	8.5	5.6	7.8
2	10.8	10.2	10.5	11.2	9.7	10.8	11.4	9.9	10.7	8.9	4.8	7.5
3	13.1	10.2	11.1	11.0	8.3	9.6	10.3	8.6	9.5	8.5	4.3	6.7
4	13.1	11.3	12.1	11.0	7.7	9.0	10.4	8.8	9.5	4.3	2.8	3.7
5	12.2	10.7	11.2	11.2	7.4	8.5	10.2	7.2	8.9	8.5	3.0	5.0
6	13.0	10.8	11.2	11.1	8.0	9.1	10.9	7.0	8.9	6.5	4.2	5.4
7	13.3	11.1	11.9	11.7	8.5	9.8	11.2	7.5	9.7	---	---	---
8	11.9	11.1	11.3	9.6	8.8	9.1	12.0	9.6	10.4	---	---	---
9	11.8	11.3	11.6	10.0	8.8	9.2	13.2	10.9	11.9	---	---	---
10	11.8	11.5	11.7	12.2	8.8	9.9	12.6	10.4	11.7	9.3	7.8	8.8
11	12.6	11.3	11.7	11.1	9.3	10.1	12.6	10.9	11.7	9.1	7.3	8.4
12	13.2	11.4	12.3	10.6	8.6	9.4	12.1	10.6	11.5	9.8	7.6	8.4
13	12.3	11.2	11.7	10.5	8.8	9.6	11.5	8.7	10.0	8.6	5.8	7.6
14	12.2	10.5	11.1	11.6	9.8	10.5	10.8	7.7	9.1	9.6	6.1	7.8
15	10.9	9.7	10.4	11.2	10.4	10.9	10.8	8.2	9.8	9.3	7.3	8.7
16	10.6	9.8	10.1	10.7	9.2	9.8	10.7	7.4	8.3	9.1	8.0	8.7
17	12.2	10.2	10.9	9.5	8.7	9.0	10.7	6.8	8.0	8.5	6.4	7.8
18	11.6	9.8	10.5	9.4	8.3	8.8	8.4	6.3	7.3	6.4	4.7	5.7
19	12.7	10.2	11.3	11.9	9.0	10.1	8.5	5.8	7.4	8.6	4.6	6.4
20	13.7	11.8	12.7	12.4	11.1	11.8	9.7	6.6	8.0	9.3	7.4	8.5
21	13.4	10.9	12.4	11.7	8.7	10.1	11.2	7.5	9.5	9.5	7.8	8.9
22	11.3	9.8	10.2	11.6	8.6	9.8	11.0	9.2	10.2	9.2	7.3	8.2
23	11.4	10.0	10.4	11.1	9.9	10.4	10.8	8.5	9.9	9.1	6.7	8.1
24	11.5	9.9	10.6	10.8	9.5	10.1	10.2	9.1	9.6	8.9	6.2	7.9
25	12.2	11.3	11.7	10.8	8.7	9.4	9.5	8.2	9.1	8.9	6.6	8.1
26	11.4	9.0	9.8	10.8	8.5	9.1	8.9	7.2	8.2	9.0	6.7	8.1
27	9.2	8.8	9.0	13.1	10.0	11.4	9.3	6.4	8.3	8.7	6.4	7.8
28	9.2	8.7	9.0	12.1	10.6	11.2	8.8	7.5	8.3	8.5	6.7	7.7
29	---	---	---	10.6	8.2	9.2	8.0	4.7	6.9	8.0	4.6	7.1
30	---	---	---	12.8	7.8	9.8	8.3	5.1	7.2	7.8	4.8	6.4
31	---	---	---	12.8	10.7	11.6	---	---	---	7.3	3.7	6.2
Month	13.7	8.7	11.1	13.1	7.4	9.9	13.2	4.7	9.4	---	---	---

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	7.2	3.8	6.1	---	---	---	---	---	---	---	---	---
2	6.8	4.5	5.9	---	---	---	---	---	---	---	---	---
3	7.2	5.8	6.6	---	---	---	---	---	---	---	---	---
4	7.9	5.1	6.6	---	---	---	---	---	---	---	---	---
5	7.6	5.3	6.9	---	---	---	---	---	---	---	---	---
6	7.0	4.8	6.0	---	---	---	---	---	---	---	---	---
7	7.5	3.3	5.4	---	---	---	---	---	---	---	---	---
8	7.4	4.8	6.5	---	---	---	---	---	---	---	---	---
9	6.9	2.9	5.6	---	---	---	---	---	---	---	---	---
10	4.2	0.9	3.1	---	---	---	---	---	---	---	---	---
11	7.4	0.9	4.4	---	---	---	---	---	---	---	---	---
12	7.7	5.0	6.4	---	---	---	---	---	---	---	---	---
13	7.0	3.7	5.5	---	---	---	---	---	---	---	---	---
14	5.2	3.1	4.1	---	---	---	---	---	---	---	---	---
15	7.8	2.2	4.9	---	---	---	---	---	---	---	---	---
16	9.2	6.2	7.9	---	---	---	---	---	---	---	---	---
17	9.1	6.9	8.2	---	---	---	---	---	---	---	---	---
18	8.2	5.2	7.4	---	---	---	---	---	---	---	---	---
19	7.8	4.6	7.1	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	80	74	76	---	---	---	---	---	---
2	---	---	---	83	72	78	---	---	---	---	---	---
3	---	---	---	81	68	73	---	---	---	109	94	101
4	---	---	---	73	61	66	---	---	---	122	95	104
5	---	---	---	75	61	68	---	---	---	117	99	107
6	---	---	---	---	---	---	---	---	---	112	90	101
7	---	---	---	---	---	---	---	---	---	102	85	90
8	---	---	---	---	---	---	92	82	88	89	66	77
9	---	---	---	---	---	---	84	64	70	81	59	66
10	---	---	---	---	---	---	81	60	67	91	58	73
11	---	---	---	---	---	---	79	62	70	102	82	92
12	---	---	---	---	---	---	90	68	79	104	83	92
13	---	---	---	---	---	---	100	81	91	102	81	90
14	---	---	---	---	---	---	101	90	95	99	84	92
15	---	---	---	---	---	---	96	84	90	99	77	88
16	---	---	---	---	---	---	89	76	82	93	60	75
17	---	---	---	---	---	---	88	61	73	76	45	52
18	87	76	79	---	---	---	101	55	74	92	58	77
19	83	74	77	---	---	---	110	70	89	93	63	77
20	83	75	80	---	---	---	117	88	99	93	48	70
21	88	77	81	---	---	---	112	88	99	89	41	63
22	80	73	76	---	---	---	100	84	94	83	42	62
23	74	69	72	---	---	---	100	88	93	76	55	67
24	82	67	72	---	---	---	109	85	94	89	42	59
25	86	68	75	---	---	---	98	76	86	102	68	83
26	86	65	70	---	---	---	91	71	78	97	77	88
27	79	64	69	---	---	---	72	63	68	100	76	89
28	80	75	77	---	---	---	94	57	70	84	54	66
29	---	---	---	---	---	---	83	60	71	69	41	54
30	---	---	---	---	---	---	90	60	74	122	43	76
31	---	---	---	---	---	---	---	---	---	118	77	97
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	117	70	96	14	2	3	---	---	---	66	44	53
2	123	62	96	16	2	6	---	---	---	44	23	32
3	105	83	99	29	3	14	---	---	---	25	13	17
4	83	43	58	36	2	11	66	24	44	13	8	10
5	70	33	51	68	14	46	49	14	30	29	1	11
6	62	25	46	64	11	33	75	18	39	19	6	11
7	65	23	44	17	6	11	78	44	64	8	1	5
8	80	49	64	26	6	11	81	29	60	19	1	6
9	49	32	40	61	15	39	48	6	19	27	1	6
10	49	37	41	108	46	58	65	8	38	22	1	12
11	62	25	41	95	44	64	55	18	35	19	8	14
12	50	35	41	105	44	72	30	17	24	35	14	19
13	68	27	39	87	60	75	95	24	52	84	18	64
14	73	27	49	85	39	65	113	75	87	81	75	79
15	51	42	47	39	12	28	106	77	88	76	45	64
16	42	34	36	47	15	28	99	60	83	45	21	33
17	44	27	33	92	20	42	60	39	48	40	11	23
18	37	26	33	89	35	64	112	40	80	78	39	61
19	55	19	35	72	42	59	109	50	82	81	62	72
20	55	24	42	130	33	65	103	78	90	75	31	56
21	29	13	20	82	49	70	98	69	80	32	17	24
22	37	9	21	105	74	89	84	41	62	85	18	55
23	59	25	45	103	65	91	85	26	58	83	66	75
24	58	18	45	69	11	33	92	38	63	105	75	89
25	71	31	55	15	1	10	94	45	64	94	46	73
26	83	52	73	44	11	21	86	50	67	46	28	38
27	86	59	77	40	6	24	86	49	71	36	19	26
28	69	9	27	60	1	31	88	51	72	76	17	47
29	9	2	3	70	17	44	92	45	68	75	44	57
30	6	2	3	42	1	19	93	42	75	68	36	49
31	---	---	---	---	---	---	59	41	50	---	---	---
Month	123	2	47	---	---	---	---	---	---	105	1	39

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	70	45	59	78	55	64	96	58	75	93	59	83
2	73	27	44	68	47	58	96	45	73	89	60	68
3	67	30	52	54	40	48	45	30	37	64	58	60
4	81	59	67	64	48	54	44	31	39	70	56	63
5	79	60	70	94	56	74	60	39	45	68	57	63
6	92	34	58	96	75	87	56	41	47	95	67	83
7	98	48	86	100	85	93	59	41	50	70	58	62
8	96	41	63	96	46	73	73	44	61	95	60	78
9	83	41	58	47	29	38	82	67	75	73	56	60
10	93	60	80	58	26	41	90	72	80	65	55	61
11	95	68	85	75	28	45	72	57	64	66	56	61
12	93	83	87	76	29	58	59	54	56	73	57	63
13	86	65	74	39	36	38	64	54	57	79	63	67
14	88	56	68	47	22	34	65	52	57	78	64	68
15	92	81	86	35	12	25	73	52	59	95	67	78
16	90	64	79	84	19	64	63	57	60	95	70	83
17	89	54	71	81	47	72	72	55	61	80	70	74
18	92	82	87	47	23	32	72	61	64	80	69	75
19	84	57	72	23	11	21	66	56	60	99	70	80
20	91	64	84	26	7	19	80	53	59	91	74	80
21	87	42	60	85	22	48	85	63	77	97	73	78
22	77	32	56	75	54	66	90	78	82	98	71	76
23	71	45	54	64	55	59	94	88	92	83	78	82
24	60	35	47	55	50	53	90	60	74	83	79	81
25	88	51	61	50	42	47	93	59	72	80	77	79
26	91	64	74	50	33	45	94	62	77	93	77	81
27	96	81	91	45	17	38	88	55	59	104	83	95
28	101	86	96	44	39	42	59	54	55	107	82	99
29	101	79	91	41	36	39	60	52	55	91	79	83
30	98	72	91	58	33	41	58	52	55	101	86	93
31	72	59	63	---	---	---	62	51	57	100	82	88
Month	101	27	71	100	7	51	96	30	62	107	55	76

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	90	83	87	89	75	79	130	110	119	100	65	89
2	84	81	83	107	87	101	128	105	116	106	55	87
3	104	80	88	104	78	90	116	92	104	100	48	78
4	104	91	96	103	71	83	117	96	105	48	31	41
5	96	84	88	101	67	78	112	77	97	91	32	54
6	99	83	87	100	72	82	116	73	94	69	46	58
7	101	87	92	104	75	86	112	76	97	---	---	---
8	94	85	88	88	77	81	115	93	100	---	---	---
9	92	87	90	92	76	82	129	102	113	---	---	---
10	95	88	91	112	77	90	126	99	113	110	86	101
11	99	88	91	106	87	94	123	105	113	109	85	99
12	104	88	97	102	78	87	122	105	113	119	89	99
13	99	89	93	101	80	90	115	88	102	103	64	87
14	99	85	90	116	92	101	111	78	92	113	66	87
15	88	80	85	115	102	109	110	83	99	108	82	99
16	88	80	83	110	88	97	103	73	82	106	90	99
17	98	81	87	88	81	84	102	66	78	97	72	89
18	92	79	84	88	75	81	82	60	70	72	51	63
19	99	80	88	110	82	92	83	55	71	96	50	71
20	110	91	100	118	101	109	99	63	79	105	81	94
21	109	89	101	109	80	93	120	75	98	111	85	100
22	97	80	86	113	79	92	121	94	108	108	82	94
23	95	82	87	111	97	103	121	92	106	109	76	94
24	98	82	89	114	97	104	112	96	103	106	71	92
25	102	95	97	111	86	95	108	89	102	111	76	96
26	96	78	84	109	82	90	101	78	91	112	79	98
27	83	75	78	142	100	118	105	70	92	109	77	95
28	84	76	79	130	111	120	98	84	93	108	81	95
29	---	---	---	111	84	95	93	52	78	102	57	88
30	---	---	---	135	78	101	97	57	83	98	58	79
31	---	---	---	135	107	119	---	---	---	91	45	77
Month	110	75	89	142	67	94	130	52	97	---	---	---

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	94	47	76	---	---	---	---	---	---	---	---	---
2	87	56	74	---	---	---	---	---	---	---	---	---
3	89	72	81	---	---	---	---	---	---	---	---	---
4	99	62	81	---	---	---	---	---	---	---	---	---
5	97	65	85	---	---	---	---	---	---	---	---	---
6	89	59	75	---	---	---	---	---	---	---	---	---
7	95	41	67	---	---	---	---	---	---	---	---	---
8	97	59	83	---	---	---	---	---	---	---	---	---
9	88	37	71	---	---	---	---	---	---	---	---	---
10	53	11	39	---	---	---	---	---	---	---	---	---
11	96	11	55	---	---	---	---	---	---	---	---	---
12	100	63	82	---	---	---	---	---	---	---	---	---
13	89	46	69	---	---	---	---	---	---	---	---	---
14	63	37	49	---	---	---	---	---	---	---	---	---
15	88	26	57	---	---	---	---	---	---	---	---	---
16	108	70	91	---	---	---	---	---	---	---	---	---
17	115	81	98	---	---	---	---	---	---	---	---	---
18	104	65	92	---	---	---	---	---	---	---	---	---
19	100	57	89	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	8.9	7.5	8.3	---	---	---	---	---	---
2	---	---	---	10	7.0	8.0	---	---	---	---	---	---
3	---	---	---	8.5	7.2	7.8	---	---	---	20	7.6	12
4	---	---	---	8.3	6.1	7.3	---	---	---	12	5.6	8.4
5	---	---	---	7.8	6.4	7.0	---	---	---	8.3	4.9	6.1
6	---	---	---	9.6	5.2	6.5	---	---	---	8.4	4.7	5.6
7	---	---	---	7.6	6.2	6.7	---	---	---	9.0	5.4	7.2
8	---	---	---	7.3	5.8	6.5	8.2	1.8	3.0	56	7.3	16
9	---	---	---	6.6	4.5	5.7	14	4.7	6.9	24	14	18
10	---	---	---	16	3.9	6.9	6.8	4.1	4.9	24	5.1	17
11	---	---	---	14	4.5	6.4	5.5	2.8	4.2	9.6	4.8	6.2
12	---	---	---	8.7	4.7	5.6	10	1.8	4.4	12	5.7	7.1
13	---	---	---	6.7	4.5	5.3	6.9	1.5	3.5	12	6.4	7.6
14	---	---	---	6.2	4.2	5.1	3.6	1.6	2.7	15	6.4	8.5
15	---	---	---	9.6	4.2	5.9	5.4	1.5	3.2	13	6.7	8.9
16	---	---	---	11	3.8	6.1	7.2	2.5	4.2	13	6.5	9.1
17	---	---	---	7.7	4.3	5.6	8.7	2.0	5.0	27	8.6	19
18	6.1	5.1	5.7	5.9	4.0	4.7	7.8	3.7	5.3	17	6.5	11
19	7.5	6.1	6.8	6.5	4.2	5.1	8.1	2.9	4.8	15	6.3	11
20	7.3	5.4	6.1	6.4	3.9	5.1	---	---	---	16	7.0	12
21	6.2	4.9	5.4	8.3	4.2	5.5	---	---	---	16	8.3	11
22	5.9	5.1	5.5	9.3	3.5	4.7	---	---	---	15	7.9	11
23	6.1	5.4	5.7	5.4	3.4	4.0	4.4	1.7	2.7	13	7.8	10
24	6.4	5.3	5.7	5.7	3.4	4.3	7.5	2.6	3.3	13	8.1	9.6
25	12	5.0	6.5	9.8	4.4	5.6	3.9	2.3	3.1	11	6.0	7.8
26	11	5.3	8.5	13	4.2	6.0	5.9	2.2	4.0	18	1.6	5.5
27	13	6.8	9.3	6.0	2.3	4.2	7.0	3.2	4.8	9.6	2.6	5.0
28	9.9	7.1	8.7	5.7	2.8	3.6	12	4.2	6.1	9.9	1.3	3.9
29	---	---	---	---	---	---	18	5.9	9.3	6.2	1.0	2.8
30	---	---	---	---	---	---	28	7.5	13	9.4	1.6	3.5
31	---	---	---	---	---	---	---	---	---	7.3	1.1	3.7
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	14	6.0	8.1	8.4	4.9	6.1	18	7.2	10
2	---	---	---	7.3	2.1	5.3	22	5.0	6.9	13	6.2	8.8
3	---	---	---	8.8	1.8	3.2	7.3	0.8	3.6	12	5.1	8.0
4	---	---	---	8.5	1.7	3.1	4.0	0.9	2.0	5.1	3.2	3.8
5	---	---	---	6.4	2.1	3.8	4.3	0.6	1.9	4.2	2.1	3.3
6	---	---	---	4.7	0.0	2.4	17	0.8	3.1	6.4	2.8	4.3
7	---	---	---	3.2	1.2	1.8	7.6	1.6	2.7	4.4	2.8	3.6
8	12	4.2	7.7	6.5	0.5	1.5	10	0.5	2.5	7.0	2.6	3.1
9	83	6.1	46	12	0.6	4.3	4.3	1.6	2.7	7.3	2.4	3.5
10	59	22	37	6.4	4.1	5.3	---	---	---	8.2	2.7	5.5
11	23	12	18	6.5	2.8	4.1	---	---	---	11	4.4	6.7
12	47	13	24	4.8	2.2	2.9	---	---	---	7.2	3.9	4.8
13	40	14	24	5.8	2.3	2.9	---	---	---	8.5	3.3	5.0
14	820	9.6	140	10	2.1	3.0	---	---	---	4.8	2.5	3.4
15	400	22	64	5.6	2.0	3.4	---	---	---	7.0	2.3	4.3
16	22	11	15	9.9	3.9	7.4	---	---	---	---	---	---
17	13	7.6	9.9	10	3.1	6.5	---	---	---	---	---	---
18	9.0	5.2	7.3	12	1.4	5.4	17	6.8	10	---	---	---
19	8.6	3.9	5.5	8.7	6.4	7.0	10	5.9	8.2	---	---	---
20	12	1.2	4.9	8.9	5.4	7.0	15	3.9	6.7	---	---	---
21	5.9	1.2	3.9	7.4	6.1	6.8	8.8	2.8	5.0	---	---	---
22	16	3.9	5.1	10	5.4	7.1	---	---	---	---	---	---
23	23	7.3	9.3	14	5.6	7.1	---	---	---	---	---	---
24	18	8.1	10	13	6.1	9.7	---	---	---	---	---	---
25	19	7.5	10	13	7.8	9.5	---	---	---	---	---	---
26	14	4.7	8.1	15	8.7	12	---	---	---	7.3	2.5	3.3
27	12	4.5	6.0	12	7.0	9.7	---	---	---	6.2	1.4	2.5
28	13	5.6	9.6	9.0	5.4	6.8	---	---	---	2.7	0.7	1.4
29	7.9	4.5	6.2	8.7	4.3	6.2	---	---	---	3.1	1.2	1.7
30	8.9	4.8	6.5	11	5.1	7.5	---	---	---	3.0	0.8	1.4
31	---	---	---	9.2	5.2	6.8	19	4.2	9.4	---	---	---
Month	---	---	---	15	0.0	5.7	---	---	---	---	---	---

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	2.0	0.7	1.5	3.2	1.1	2.1	15	6.3	7.9	10	4.3	5.6
2	1.7	0.3	0.9	4.3	1.3	2.4	9.4	7.2	8.3	11	4.7	9.5
3	2.3	0.4	1.1	4.5	1.8	3.7	7.5	5.0	6.3	12	8.6	9.3
4	2.6	0.8	1.4	8.9	3.1	4.3	7.2	4.5	5.5	9.4	6.4	8.3
5	5.4	1.1	2.1	4.3	0.9	2.4	5.6	3.9	4.8	8.7	6.5	8.0
6	18	2.0	4.6	3.7	0.6	1.5	6.0	3.7	4.3	7.5	3.2	5.2
7	19	3.0	11	1.6	0.3	0.8	13	3.4	4.4	10	7.0	8.3
8	9.0	5.2	6.9	15	0.0	4.9	14	7.8	9.0	11	3.7	6.6
9	14	5.3	7.4	27	8.9	17	10	7.5	8.5	14	7.4	11
10	8.9	5.4	6.7	15	4.0	9.5	9.2	7.5	8.2	14	12	13
11	6.5	3.1	4.7	10	1.9	6.5	8.0	5.7	6.9	16	12	12
12	6.4	3.1	4.1	16	1.1	7.8	6.2	4.8	5.4	13	9.0	11
13	5.7	3.4	4.7	48	12	37	5.4	4.3	4.8	15	8.8	12
14	5.4	2.6	4.7	36	18	26	5.7	4.3	4.9	14	7.1	11
15	5.2	2.1	2.8	30	17	22	6.0	4.5	5.2	13	5.4	9.3
16	4.0	2.1	3.3	27	5.4	12	6.8	5.0	6.0	12	4.5	8.4
17	6.2	2.3	3.1	15	5.4	7.8	6.9	4.2	5.8	14	11	12
18	5.0	2.2	2.9	9.8	6.9	8.5	6.2	4.2	5.5	12	10	12
19	3.6	1.8	2.8	14	5.7	7.3	6.1	4.3	5.1	15	6.9	11
20	3.4	1.8	2.4	19	5.9	11	7.5	4.5	5.9	14	9.3	12
21	---	---	---	50	9.4	22	5.6	2.1	3.4	13	9.5	12
22	---	---	---	84	12	49	4.2	1.8	2.4	15	9.8	13
23	---	---	---	61	26	39	2.5	1.8	2.1	31	14	23
24	---	---	---	30	18	24	5.6	2.2	3.8	27	25	26
25	---	---	---	21	13	17	5.8	2.5	4.4	27	24	26
26	---	---	---	15	6.8	11	6.9	2.9	4.7	24	13	20
27	---	---	---	10	5.4	7.1	19	4.1	12	20	8.5	13
28	---	---	---	7.5	5.6	6.4	20	16	18	20	8.2	12
29	---	---	---	6.8	5.4	5.7	16	13	14	20	14	17
30	---	---	---	6.7	5.4	6.0	16	12	13	16	10	13
31	---	---	---	---	---	---	13	9.3	11	16	9.8	14
Month	---	---	---	84	0.0	13	20	1.8	6.8	31	3.2	12

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	15	13	14	24	14	21	12	6.7	9.0	3.0	0.0	1.3
2	15	13	14	34	4.7	8.6	11	6.8	9.0	6.7	0.5	1.7
3	13	7.7	11	16	5.1	11	12	7.8	9.5	4.4	0.7	3.0
4	12	7.8	9.6	16	4.4	11	11	5.6	7.8	---	---	---
5	13	8.6	12	19	3.2	14	12	6.5	8.8	---	---	---
6	11	7.9	10	18	3.4	14	14	6.4	9.8	---	---	---
7	11	8.0	9.8	17	9.7	13	22	6.3	12	---	---	---
8	11	8.8	9.6	15	13	14	14	5.7	9.8	---	---	---
9	10	8.1	8.8	19	12	13	7.8	5.2	6.7	---	---	---
10	8.8	7.8	8.2	21	8.2	11	15	6.6	8.1	---	---	---
11	9.2	7.6	8.4	14	7.7	11	27	5.9	9.2	---	---	---
12	8.2	6.8	7.5	12	8.3	10	---	---	---	---	---	---
13	---	---	---	10	5.7	8.1	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	7.3	2.0	5.4
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	9.6	1.7	5.8	---	---	---	14	0.0	1.7
20	---	---	---	4.9	0.0	2.1	---	---	---	5.9	0.2	1.7
21	---	---	---	17	2.5	11	---	---	---	10	0.5	1.8
22	21	11	18	17	9.8	14	---	---	---	---	---	---
23	19	9.6	16	16	10	13	---	---	---	---	---	---
24	20	13	16	14	9.8	12	---	---	---	---	---	---
25	14	7.4	10	21	12	15	4.8	2.2	3.5	---	---	---
26	18	6.1	14	16	11	15	5.2	2.5	3.7	---	---	---
27	21	16	17	14	7.9	11	8.4	2.4	3.5	---	---	---
28	31	15	22	13	9.3	11	5.3	1.9	3.5	---	---	---
29	---	---	---	17	12	14	4.3	1.7	3.3	---	---	---
30	---	---	---	15	8.7	12	3.6	0.8	2.2	---	---	---
31	---	---	---	13	7.3	8.7	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	7.4	2.4	4.1	---	---	---	---	---	---	---	---	---
2	12	0.4	4.0	---	---	---	---	---	---	---	---	---
3	39	2.3	6.6	---	---	---	---	---	---	---	---	---
4	12	3.3	5.7	---	---	---	---	---	---	---	---	---
5	7.1	1.8	4.4	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	24	2.9	8.8	---	---	---	---	---	---	---	---	---
10	15	2.2	8.1	---	---	---	---	---	---	---	---	---
11	20	2.2	8.7	---	---	---	---	---	---	---	---	---
12	20	7.4	15	---	---	---	---	---	---	---	---	---
13	30	7.3	15	---	---	---	---	---	---	---	---	---
14	20	9.0	13	---	---	---	---	---	---	---	---	---
15	22	10	13	---	---	---	---	---	---	---	---	---
16	29	2.1	9.0	---	---	---	---	---	---	---	---	---
17	18	1.3	4.0	---	---	---	---	---	---	---	---	---
18	5.2	1.0	2.3	---	---	---	---	---	---	---	---	---
19	5.6	0.5	1.8	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

CHLOROPHYLL, TOTAL, WATER, FLUOROMETRIC, 650-700 NANOMETERS, IN-SITU SENSOR, MICROGRAMS PER LITER
 WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

CHLOROPHYLL, TOTAL, WATER, FLUOROMETRIC, 650-700 NANOMETERS, IN-SITU SENSOR, MICROGRAMS PER LITER
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	15.4	12.7	13.9	---	---	---	---	---	---
2	---	---	---	15.0	11.6	13.2	---	---	---	---	---	---
3	---	---	---	14.7	11.6	13.7	---	---	---	15.5	10.5	12.5
4	---	---	---	14.5	11.8	13.4	---	---	---	18.4	12.5	14.6
5	---	---	---	14.1	11.3	12.9	---	---	---	25.5	12.7	16.5
6	---	---	---	15.0	10.3	12.4	---	---	---	19.5	11.7	15.7
7	---	---	---	14.3	11.7	13.4	---	---	---	17.8	9.70	13.3
8	---	---	---	14.6	11.6	13.2	9.00	5.70	6.86	21.8	11.2	17.0
9	---	---	---	14.5	11.2	12.6	13.4	8.10	11.4	23.3	17.4	19.6
10	---	---	---	12.7	9.70	11.2	13.6	11.2	12.8	19.2	9.20	16.1
11	---	---	---	16.1	10.6	13.2	13.7	10.2	12.4	11.9	8.20	10.2
12	---	---	---	17.2	12.8	15.0	14.0	9.20	12.7	18.4	8.00	11.7
13	---	---	---	16.6	11.8	13.5	16.3	10.1	13.4	18.6	8.50	12.5
14	---	---	---	15.3	9.30	11.9	17.6	9.30	13.7	16.7	6.90	9.06
15	---	---	---	14.1	9.70	12.5	15.1	9.50	12.3	14.4	5.60	8.45
16	---	---	---	14.8	9.00	11.6	16.5	10.8	12.3	17.7	7.80	11.9
17	---	---	---	16.0	8.40	12.8	14.2	8.80	11.7	18.6	13.0	16.2
18	14.3	13.0	13.6	15.7	11.2	13.5	13.9	9.30	11.6	17.6	7.50	11.9
19	15.2	13.6	14.3	14.8	10.0	12.1	13.2	7.10	9.63	17.6	7.80	12.4
20	15.1	13.7	14.3	13.7	8.60	11.1	16.5	7.30	10.3	18.8	8.90	13.9
21	15.0	12.5	14.0	13.6	9.60	11.2	21.9	8.20	12.6	22.7	9.10	15.2
22	16.0	13.1	14.4	13.4	10.6	12.2	14.3	7.60	9.82	24.0	13.7	17.4
23	15.0	13.5	14.3	13.7	8.80	11.4	14.5	7.20	10.9	26.4	12.2	16.5
24	15.1	13.3	14.2	13.9	8.70	11.6	15.7	8.60	11.7	20.8	12.6	16.5
25	17.6	13.2	14.5	13.9	12.2	13.1	18.4	10.7	13.5	24.7	8.30	13.5
26	17.2	13.0	14.3	14.5	11.3	13.3	23.8	9.30	14.3	12.4	6.50	8.37
27	15.4	13.7	14.7	16.1	9.90	12.1	19.5	14.9	16.6	10.4	5.70	7.78
28	15.8	12.8	14.1	13.6	10.6	12.3	20.1	14.3	18.0	16.7	9.90	12.6
29	---	---	---	18.5	11.9	14.5	20.8	15.4	18.6	18.2	13.2	15.1
30	---	---	---	17.0	12.3	14.9	23.7	15.8	19.7	24.3	11.7	15.2
31	---	---	---	19.1	13.3	15.6	---	---	---	14.9	9.30	12.1
Month	---	---	---	19.1	8.40	12.9	---	---	---	---	---	---

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

CHLOROPHYLL, TOTAL, WATER, FLUOROMETRIC, 650-700 NANOMETERS, IN-SITU SENSOR, MICROGRAMS PER LITER
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean			
	June				July				August				September		
1	19.6	9.30	12.5	23.6	21.0	22.0	35.5	20.8	25.2	16.7	10.9	13.6			
2	17.0	9.10	11.3	26.3	22.0	23.2	30.9	17.0	22.2	13.3	10.7	11.7			
3	11.6	7.50	9.31	30.1	21.6	24.6	28.9	15.8	19.9	14.7	11.6	13.0			
4	18.4	10.9	13.9	30.4	20.4	25.0	25.6	16.8	19.9	16.8	13.8	15.2			
5	17.8	13.5	15.8	25.0	14.4	18.4	30.2	20.0	24.2	18.2	14.8	16.7			
6	19.2	16.0	17.4	---	---	---	32.0	16.1	24.3	23.8	16.1	19.5			
7	20.9	12.9	17.2	---	---	---	27.1	15.2	18.8	17.9	16.3	17.1			
8	16.3	11.2	13.1	---	---	---	24.5	11.1	16.4	18.2	14.2	16.3			
9	20.9	14.3	17.0	---	---	---	28.6	22.2	24.9	20.0	15.7	18.0			
10	19.2	14.2	16.0	---	---	---	26.0	13.5	19.9	20.6	16.3	18.5			
11	25.3	14.5	17.8	---	---	---	24.6	14.7	19.9	24.2	17.8	20.9			
12	20.5	16.2	18.4	---	---	---	25.7	22.2	23.8	25.2	21.6	22.9			
13	21.8	15.7	17.4	---	---	---	23.2	14.4	20.6	22.8	15.9	18.6			
14	24.7	14.6	17.3	---	---	---	22.1	13.0	16.1	17.7	14.6	16.8			
15	17.0	11.9	13.4	---	---	---	15.1	11.7	13.2	18.9	14.6	16.7			
16	19.7	14.0	16.3	---	---	---	23.0	12.9	15.8	22.2	18.3	20.0			
17	21.3	19.2	20.1	---	---	---	22.6	16.4	19.6	23.6	20.8	22.5			
18	28.2	21.3	25.2	---	---	---	21.0	17.3	19.2	20.8	15.9	17.9			
19	28.8	17.7	26.2	27.5	16.9	20.9	22.7	14.6	19.2	17.0	12.4	14.6			
20	31.4	17.7	24.1	40.5	16.2	23.1	20.7	12.4	15.1	19.7	12.5	15.7			
21	34.6	28.9	31.9	22.5	14.4	16.5	14.8	11.7	13.1	22.9	19.3	21.8			
22	34.0	24.8	30.1	15.2	13.3	14.3	18.3	14.1	16.1	22.9	12.5	17.4			
23	27.7	15.5	20.8	14.4	10.6	12.5	19.1	13.6	16.2	15.2	12.5	13.4			
24	20.4	14.9	17.3	18.1	13.8	16.6	21.7	16.0	18.1	14.4	10.2	11.4			
25	16.3	12.6	14.4	19.3	17.0	17.9	26.2	12.9	16.6	21.4	9.80	12.4			
26	13.5	10.2	11.8	19.4	16.5	18.0	23.9	13.7	16.8	25.6	15.5	18.5			
27	12.7	9.80	10.9	20.3	16.8	18.1	16.6	13.1	14.9	21.6	19.6	20.7			
28	19.4	10.3	16.0	23.8	15.2	17.0	17.9	12.1	14.5	23.2	12.5	18.3			
29	20.2	16.7	18.5	23.2	13.2	16.9	17.5	10.5	13.8	19.8	13.3	17.0			
30	23.4	19.7	21.8	35.1	19.1	24.2	14.4	11.2	12.4	23.8	15.4	18.8			
31	---	---	---	28.6	23.5	25.3	18.0	13.1	16.5	---	---	---			
Month	34.6	7.50	17.8	---	---	---	35.5	10.5	18.3	25.6	9.80	17.2			

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	2.0	0.7	1.5	3.2	1.1	2.1	15	6.3	7.9	10	4.3	5.6
2	1.7	0.3	0.9	4.3	1.3	2.4	9.4	7.2	8.3	11	4.7	9.5
3	2.3	0.4	1.1	4.5	1.8	3.7	7.5	5.0	6.3	12	8.6	9.3
4	2.6	0.8	1.4	8.9	3.1	4.3	7.2	4.5	5.5	9.4	6.4	8.3
5	5.4	1.1	2.1	4.3	0.9	2.4	5.6	3.9	4.8	8.7	6.5	8.0
6	18	2.0	4.6	3.7	0.6	1.5	6.0	3.7	4.3	7.5	3.2	5.2
7	19	3.0	11	1.6	0.3	0.8	13	3.4	4.4	10	7.0	8.3
8	9.0	5.2	6.9	15	0.0	4.9	14	7.8	9.0	11	3.7	6.6
9	14	5.3	7.4	27	8.9	17	10	7.5	8.5	14	7.4	11
10	8.9	5.4	6.7	15	4.0	9.5	9.2	7.5	8.2	14	12	13
11	6.5	3.1	4.7	10	1.9	6.5	8.0	5.7	6.9	16	12	12
12	6.4	3.1	4.1	16	1.1	7.8	6.2	4.8	5.4	13	9.0	11
13	5.7	3.4	4.7	48	12	37	5.4	4.3	4.8	15	8.8	12
14	5.4	2.6	4.7	36	18	26	5.7	4.3	4.9	14	7.1	11
15	5.2	2.1	2.8	30	17	22	6.0	4.5	5.2	13	5.4	9.3
16	4.0	2.1	3.3	27	5.4	12	6.8	5.0	6.0	12	4.5	8.4
17	6.2	2.3	3.1	15	5.4	7.8	6.9	4.2	5.8	14	11	12
18	5.0	2.2	2.9	9.8	6.9	8.5	6.2	4.2	5.5	12	10	12
19	3.6	1.8	2.8	14	5.7	7.3	6.1	4.3	5.1	15	6.9	11
20	3.4	1.8	2.4	19	5.9	11	7.5	4.5	5.9	14	9.3	12
21	---	---	---	50	9.4	22	5.6	2.1	3.4	13	9.5	12
22	---	---	---	84	12	49	4.2	1.8	2.4	15	9.8	13
23	---	---	---	61	26	39	2.5	1.8	2.1	31	14	23
24	---	---	---	30	18	24	5.6	2.2	3.8	27	25	26
25	---	---	---	21	13	17	5.8	2.5	4.4	27	24	26
26	---	---	---	15	6.8	11	6.9	2.9	4.7	24	13	20
27	---	---	---	10	5.4	7.1	19	4.1	12	20	8.5	13
28	---	---	---	7.5	5.6	6.4	20	16	18	20	8.2	12
29	---	---	---	6.8	5.4	5.7	16	13	14	20	14	17
30	---	---	---	6.7	5.4	6.0	16	12	13	16	10	13
31	---	---	---	---	---	---	13	9.3	11	16	9.8	14
Month	---	---	---	84	0.0	13	20	1.8	6.8	31	3.2	12

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	15	13	14	24	14	21	12	6.7	9.0	3.0	0.0	1.3
2	15	13	14	34	4.7	8.6	11	6.8	9.0	6.7	0.5	1.7
3	13	7.7	11	16	5.1	11	12	7.8	9.5	4.4	0.7	3.0
4	12	7.8	9.6	16	4.4	11	11	5.6	7.8	---	---	---
5	13	8.6	12	19	3.2	14	12	6.5	8.8	---	---	---
6	11	7.9	10	18	3.4	14	14	6.4	9.8	---	---	---
7	11	8.0	9.8	17	9.7	13	22	6.3	12	---	---	---
8	11	8.8	9.6	15	13	14	14	5.7	9.8	---	---	---
9	10	8.1	8.8	19	12	13	7.8	5.2	6.7	---	---	---
10	8.8	7.8	8.2	21	8.2	11	15	6.6	8.1	---	---	---
11	9.2	7.6	8.4	14	7.7	11	27	5.9	9.2	---	---	---
12	8.2	6.8	7.5	12	8.3	10	---	---	---	---	---	---
13	---	---	---	10	5.7	8.1	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	7.3	2.0	5.4
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	9.6	1.7	5.8	---	---	---	14	0.0	1.7
20	---	---	---	4.9	0.0	2.1	---	---	---	5.9	0.2	1.7
21	---	---	---	17	2.5	11	---	---	---	10	0.5	1.8
22	21	11	18	17	9.8	14	---	---	---	---	---	---
23	19	9.6	16	16	10	13	---	---	---	---	---	---
24	20	13	16	14	9.8	12	---	---	---	---	---	---
25	14	7.4	10	21	12	15	4.8	2.2	3.5	---	---	---
26	18	6.1	14	16	11	15	5.2	2.5	3.7	---	---	---
27	21	16	17	14	7.9	11	8.4	2.4	3.5	---	---	---
28	31	15	22	13	9.3	11	5.3	1.9	3.5	---	---	---
29	---	---	---	17	12	14	4.3	1.7	3.3	---	---	---
30	---	---	---	15	8.7	12	3.6	0.8	2.2	---	---	---
31	---	---	---	13	7.3	8.7	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043415 TULL CREEK AT SECONDARY ROAD 1222 NEAR CURRITUCK, NC—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	7.4	2.4	4.1	---	---	---	---	---	---	---	---	---
2	12	0.4	4.0	---	---	---	---	---	---	---	---	---
3	39	2.3	6.6	---	---	---	---	---	---	---	---	---
4	12	3.3	5.7	---	---	---	---	---	---	---	---	---
5	7.1	1.8	4.4	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	24	2.9	8.8	---	---	---	---	---	---	---	---	---
10	15	2.2	8.1	---	---	---	---	---	---	---	---	---
11	20	2.2	8.7	---	---	---	---	---	---	---	---	---
12	20	7.4	15	---	---	---	---	---	---	---	---	---
13	30	7.3	15	---	---	---	---	---	---	---	---	---
14	20	9.0	13	---	---	---	---	---	---	---	---	---
15	22	10	13	---	---	---	---	---	---	---	---	---
16	29	2.1	9.0	---	---	---	---	---	---	---	---	---
17	18	1.3	4.0	---	---	---	---	---	---	---	---	---
18	5.2	1.0	2.3	---	---	---	---	---	---	---	---	---
19	5.6	0.5	1.8	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---