

0209270680 GALLANT CHANNEL AT AIRPORT AT BEAUFORT, NC

LOCATION.--Lat 34°43'38", long 76°39'58", Carteret County, Hydrologic Unit 03020106, at Maritime Museum dock, on east side of Newport River, near the mouth of Town Creek and Gallant Channel, approximately 0.3 mi north of U.S. Highway 70 at Beaufort.

PERIOD OF RECORD.--June 2005 to February 2006 (discontinued).

PERIOD OF DAILY RECORD.--

SALINITY: June 2005 to February 2006.

pH: June 2005 to February 2006.

WATER TEMPERATURE: June 2005 to February 2006.

DISSOLVED OXYGEN: June 2005 to January 2006.

DISSOLVED OXYGEN, PERCENT SATURATION: June 2005 to January 2006.

TURBIDITY: June 2005 to January 2006.

CHLOROPHYLL: June 2005 to February 2006.

INSTRUMENTATION.--Water-quality monitor with satellite telemetry from June 2005 to February 2006.

REMARKS.--Station operated in cooperation with the National Oceanic and Atmospheric Administration (NOAA). The salinity is computed from specific conductance using the conversion from U.S. Geological Survey Water-Supply Paper 2311. Dissolved oxygen, percent saturation, is computed using a barometric pressure of 760 mm of Hg. The chlorophyll data have not been calibrated to actual chlorophyll values determined from samples sent to the National Water Quality Laboratory.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SALINITY, ppt	35.5, August 31, September 1, 2005	14.7, September 15, 2005
pH, standard units	8.5, December 22, 23, 24, 2005	7.6, September 17, October 9, 10, 11, 2005
WATER TEMPERATURE , °C	32.7, August 22, 2005	6.3, December 24, 2005
DISSOLVED OXYGEN , mg/L	10.0, January 8, 2006	4.6, August 22, 23, 24, 2005
DISSOLVED OXYGEN, PERCENT SATURATION, %	128, July 15, 2005	72, August 24, September 17, 2005
TURBIDITY, FNU	77, September 14, 2005	0.1, August 22, September 5, 2005
CHLOROPHYLL, total, fluorometric, 650-700 nm, in-situ sensor, ug/L	29.7, August 25, 2005	1.5, July 23, 2005

0209270680 GALLANT CHANNEL AT AIRPORT AT BEAUFORT, NC—Continued

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

DAY	MAX	MIN	MEAN	JUNE			JULY			AUGUST			SEPTEMBER		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	30.7	26.9	28.8	31.6	26.8	29.9	35.5	33.6	34.8			
2	---	---	---	31.4	28.2	29.6	32.5	29.1	30.9	35.3	33.3	34.5			
3	---	---	---	32.0	29.2	30.5	32.1	28.4	30.8	35.1	33.0	34.3			
4	---	---	---	31.8	29.0	30.7	32.4	29.4	30.7	35.2	33.1	34.4			
5	---	---	---	31.4	28.7	30.3	32.5	29.1	31.1	35.1	31.3	34.0			
6	---	---	---	30.8	28.5	29.8	32.7	29.7	31.4	34.7	29.0	32.4			
7	---	---	---	31.5	28.7	29.9	33.0	30.4	31.9	33.0	26.9	30.6			
8	---	---	---	32.5	29.9	31.3	33.1	30.9	32.2	31.9	27.2	30.0			
9	---	---	---	32.1	30.2	31.3	33.5	31.3	32.2	30.9	28.4	29.9			
10	---	---	---	32.1	30.2	31.1	33.5	31.4	32.4	31.0	23.5	28.4			
11	---	---	---	32.0	30.1	31.0	33.6	31.0	32.7	28.4	23.3	25.9			
12	---	---	---	31.7	30.1	30.8	33.6	31.9	32.7	27.6	22.1	25.4			
13	---	---	---	32.4	26.6	30.5	33.7	31.9	32.8	30.3	25.6	27.6			
14	---	---	---	31.9	27.0	29.8	34.0	32.1	33.0	33.3	26.6	29.9			
15	---	---	---	31.6	26.3	29.2	33.9	31.9	32.9	28.9	14.7	20.9			
16	---	---	---	30.4	24.9	28.2	34.6	31.8	33.1	28.7	17.6	22.2			
17	---	---	---	30.9	25.8	28.2	34.8	32.0	33.5	29.8	19.4	25.1			
18	---	---	---	31.2	26.8	28.6	35.0	32.8	34.1	29.8	22.1	26.0			
19	---	---	---	31.1	26.7	28.6	34.6	32.7	33.9	30.6	23.9	27.8			
20	---	---	---	31.4	27.5	29.2	34.8	31.9	33.7	30.1	24.9	27.9			
21	---	---	---	32.7	28.7	30.5	34.7	32.7	33.8	30.6	25.1	28.5			
22	---	---	---	34.6	29.6	31.7	35.0	33.0	34.0	31.1	27.2	29.2			
23	---	---	---	34.7	31.4	33.3	34.8	32.1	33.8	31.0	27.3	28.9			
24	32.7	29.6	31.3	34.7	32.5	33.7	34.5	32.6	33.7	30.7	27.6	29.2			
25	32.7	29.8	31.4	34.4	31.7	33.2	34.4	32.3	33.7	30.6	27.0	29.3			
26	32.4	28.1	30.7	34.2	31.4	32.9	34.7	31.9	33.7	30.9	27.7	29.4			
27	31.9	27.7	30.3	34.6	32.2	33.3	34.7	32.2	33.5	31.0	28.7	30.0			
28	31.9	28.2	30.5	34.9	32.6	33.9	34.7	32.8	33.9	32.4	29.9	31.2			
29	31.8	27.3	30.1	34.9	32.6	33.8	35.2	33.3	34.4	32.4	30.8	31.4			
30	30.6	26.7	29.1	34.2	31.1	32.9	35.3	33.6	34.5	32.8	30.4	31.9			
31	---	---	---	32.9	26.1	31.1	35.5	34.2	34.9	---	---	---			
MONTH	---	---	---	34.9	24.9	30.9	35.5	26.8	32.9	35.5	14.7	29.4			

0209270680 GALLANT CHANNEL AT AIRPORT AT BEAUFORT, NC—Continued

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

DAY	MAX	MIN	MEAN	JUNE			JULY			AUGUST			SEPTEMBER		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	8.1	8.0	8.0	8.0	7.9	8.0	8.2	8.1	8.1			
2	---	---	---	8.0	7.9	8.0	8.1	7.9	8.0	8.1	8.0	8.1			
3	---	---	---	8.0	7.9	7.9	8.1	7.9	8.0	8.0	7.9	8.0			
4	---	---	---	7.9	7.9	7.9	8.0	7.9	8.0	8.0	7.9	8.0			
5	---	---	---	7.9	7.8	7.9	8.1	7.9	8.0	8.0	7.9	8.0			
6	---	---	---	8.0	7.8	7.9	8.1	7.9	8.0	8.0	7.9	8.0			
7	---	---	---	8.0	7.8	7.9	8.1	8.0	8.0	8.0	7.9	8.0			
8	---	---	---	8.0	7.8	7.9	8.1	8.0	8.0	8.1	7.9	8.0			
9	---	---	---	8.0	7.9	7.9	8.1	7.9	8.0	8.1	8.0	8.0			
10	---	---	---	8.0	7.9	7.9	8.1	8.0	8.0	8.0	8.0	8.0			
11	---	---	---	8.0	7.9	7.9	8.1	8.0	8.0	8.0	7.9	8.0			
12	---	---	---	8.0	7.8	7.9	8.1	8.0	8.0	8.0	7.9	8.0			
13	---	---	---	8.0	7.9	7.9	8.1	8.0	8.0	8.1	7.9	8.0			
14	---	---	---	8.0	7.8	7.9	8.1	8.0	8.0	8.1	8.0	8.1			
15	---	---	---	8.1	8.0	8.0	8.1	8.0	8.0	8.0	7.8	7.9			
16	---	---	---	8.1	8.0	8.0	8.0	7.9	8.0	8.1	7.8	7.9			
17	---	---	---	8.1	7.9	8.0	8.1	7.9	8.0	8.1	7.6	7.9			
18	---	---	---	8.1	7.9	8.0	8.1	8.0	8.0	8.1	7.8	7.9			
19	---	---	---	8.1	7.9	8.0	8.1	7.9	8.0	8.1	7.8	8.0			
20	---	---	---	8.1	8.0	8.0	8.0	7.9	8.0	8.1	7.9	8.0			
21	---	---	---	8.1	8.0	8.0	8.0	7.9	8.0	8.1	7.9	8.0			
22	---	---	---	8.1	7.9	8.0	8.0	7.9	8.0	8.1	7.9	8.0			
23	---	---	---	8.1	7.9	8.0	8.0	7.9	8.0	8.1	8.0	8.0			
24	8.1	8.0	8.0	8.1	8.0	8.1	8.0	7.9	8.0	8.1	8.0	8.0			
25	8.1	8.0	8.0	8.1	8.0	8.0	8.2	7.9	8.0	8.1	8.0	8.0			
26	8.1	7.9	8.0	8.1	7.9	8.0	8.2	8.1	8.1	8.1	7.9	8.0			
27	8.1	7.9	8.0	8.1	8.0	8.0	8.2	8.1	8.1	8.1	8.0	8.0			
28	8.1	7.9	8.0	8.1	8.0	8.0	8.2	8.1	8.1	8.1	8.0	8.0			
29	8.0	7.9	8.0	8.1	8.0	8.0	8.2	8.1	8.1	8.1	8.0	8.0			
30	8.1	7.9	8.0	8.1	8.0	8.0	8.1	8.0	8.1	8.1	8.0	8.0			
31	---	---	---	8.0	7.9	8.0	8.2	8.0	8.1	---	---	---			
MONTH	---	---	---	8.1	7.8	8.0	8.2	7.9	8.0	8.2	7.6	8.0			

0209270680 GALLANT CHANNEL AT AIRPORT AT BEAUFORT, NC—Continued

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

DAY	MAX	MIN	MEAN	JUNE			JULY			AUGUST			SEPTEMBER		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	29.8	27.0	28.2	28.9	28.0	28.6	29.8	28.6	29.2			
2	---	---	---	29.5	27.8	28.5	29.3	27.8	28.4	30.0	28.7	29.3			
3	---	---	---	29.1	27.8	28.4	30.6	27.8	28.8	29.9	28.6	29.1			
4	---	---	---	29.0	27.4	28.2	31.0	28.6	29.6	29.0	27.7	28.3			
5	---	---	---	30.3	27.7	28.8	31.3	29.2	30.1	27.8	26.5	27.0			
6	---	---	---	30.8	28.3	29.4	31.4	29.2	30.2	26.7	25.6	26.2			
7	---	---	---	32.0	28.7	30.0	30.3	29.1	29.7	26.5	25.2	25.8			
8	---	---	---	30.6	28.7	29.4	29.3	28.2	28.6	26.9	25.5	26.0			
9	---	---	---	30.6	28.5	29.5	30.2	28.1	29.0	27.1	25.8	26.4			
10	---	---	---	30.9	28.8	29.7	30.6	28.7	29.5	26.7	25.0	25.9			
11	---	---	---	30.4	29.2	29.8	31.2	28.9	30.0	25.1	24.1	24.6			
12	---	---	---	30.7	28.8	29.7	31.5	29.7	30.6	25.2	24.0	24.5			
13	---	---	---	30.0	27.7	28.8	31.8	30.2	30.9	25.8	24.9	25.4			
14	---	---	---	28.3	27.2	27.7	31.9	30.3	31.0	25.6	25.0	25.4			
15	---	---	---	29.5	26.9	28.0	32.1	30.4	31.2	25.0	24.4	24.6			
16	---	---	---	30.6	28.0	29.1	32.2	30.2	30.9	26.2	24.6	25.3			
17	---	---	---	30.1	28.6	29.1	30.6	29.5	29.9	29.1	25.9	26.9			
18	---	---	---	29.7	28.1	28.8	30.5	28.9	29.6	29.4	26.9	27.8			
19	---	---	---	30.1	28.0	28.9	31.1	29.0	29.8	28.6	27.4	27.9			
20	---	---	---	30.7	28.2	29.2	31.9	29.3	30.3	29.8	27.5	28.3			
21	---	---	---	30.6	27.8	29.0	32.6	29.6	30.8	28.6	27.6	28.1			
22	---	---	---	30.3	27.9	29.0	32.7	30.0	31.1	29.6	27.5	28.3			
23	---	---	---	30.3	27.7	28.8	31.2	30.0	30.6	29.6	27.7	28.5			
24	27.3	24.9	25.8	29.9	28.0	28.8	30.2	29.2	29.7	28.8	27.4	28.2			
25	26.4	25.2	25.9	30.5	28.0	29.0	29.2	28.0	28.5	28.2	26.9	27.6			
26	28.3	25.2	26.3	30.6	28.6	29.5	28.0	26.9	27.5	27.9	26.4	27.1			
27	29.7	26.3	27.6	31.8	29.1	30.3	27.6	27.1	27.3	27.1	26.3	26.8			
28	28.4	27.5	27.9	31.1	30.0	30.6	28.4	26.9	27.6	26.5	25.7	26.2			
29	27.6	26.2	26.8	30.9	29.7	30.0	29.0	27.7	28.3	27.0	25.5	26.2			
30	28.2	25.9	26.9	30.0	29.1	29.4	30.1	28.1	28.9	26.6	25.1	25.9			
31	---	---	---	30.1	28.3	29.1	30.1	28.6	29.2	---	---	---			
MONTH	---	---	---	32.0	26.9	29.1	32.7	26.9	29.6	30.0	24.0	26.9			

0209270680 GALLANT CHANNEL AT AIRPORT AT BEAUFORT, NC—Continued

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

DAY	MAX	MIN	MEAN	JUNE			JULY			AUGUST			SEPTEMBER		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	7.5	6.2	7.0	6.4	5.0	5.7	6.6	5.1	5.8			
2	---	---	---	7.3	5.7	6.6	7.2	5.0	6.0	7.6	5.1	5.9			
3	---	---	---	7.2	6.0	6.5	8.1	5.2	6.4	7.4	5.2	6.0			
4	---	---	---	7.3	5.9	6.5	7.3	5.4	6.3	6.9	5.3	6.0			
5	---	---	---	7.5	5.6	6.4	7.3	5.4	6.3	7.1	5.3	6.2			
6	---	---	---	7.8	5.4	6.6	7.1	5.4	6.2	7.3	5.5	6.4			
7	---	---	---	7.7	5.2	6.4	6.8	5.2	6.0	7.5	5.8	6.6			
8	---	---	---	7.4	5.7	6.5	6.4	5.3	5.9	7.6	5.8	6.6			
9	---	---	---	7.7	5.4	6.4	6.7	5.3	6.0	7.4	5.9	6.6			
10	---	---	---	7.6	5.5	6.4	6.9	5.3	6.1	6.8	5.9	6.4			
11	---	---	---	7.3	5.4	6.3	7.0	5.3	6.1	7.1	6.2	6.6			
12	---	---	---	7.2	5.0	6.3	6.8	5.4	6.1	7.6	6.3	6.7			
13	---	---	---	6.4	5.5	6.1	6.7	5.6	6.1	7.0	6.0	6.5			
14	---	---	---	6.6	5.3	5.9	6.8	5.5	6.1	6.8	6.1	6.5			
15	---	---	---	8.3	5.8	6.9	6.8	5.6	6.1	7.0	6.2	6.7			
16	---	---	---	7.8	6.0	7.1	6.4	5.0	5.6	6.8	5.9	6.5			
17	---	---	---	7.1	5.8	6.4	6.6	4.8	5.5	7.0	5.2	6.1			
18	---	---	---	7.2	5.4	6.3	6.8	5.1	5.8	7.4	5.4	6.2			
19	---	---	---	7.4	5.6	6.4	7.1	5.1	5.8	6.7	5.2	6.0			
20	---	---	---	7.3	5.6	6.4	7.0	4.9	5.8	7.3	5.3	6.2			
21	---	---	---	6.9	5.6	6.2	6.7	4.8	5.8	6.8	5.2	6.1			
22	---	---	---	7.1	5.7	6.3	6.6	4.6	5.7	7.4	5.5	6.3			
23	---	---	---	7.2	5.3	6.2	6.3	4.6	5.6	7.8	5.7	6.5			
24	7.8	5.8	6.8	7.3	5.2	6.3	6.5	4.6	5.6	6.7	5.6	6.2			
25	7.2	5.9	6.6	7.3	5.4	6.3	7.3	5.2	6.1	7.1	5.3	6.0			
26	7.8	5.9	6.8	7.1	5.2	6.2	7.1	5.4	6.3	7.6	5.1	6.3			
27	7.9	5.6	6.9	7.3	5.4	6.3	6.5	5.6	6.1	7.0	5.6	6.2			
28	7.3	5.9	6.7	7.1	5.4	6.3	6.8	5.4	6.0	6.8	5.4	6.1			
29	6.9	6.0	6.5	6.9	5.6	6.2	6.8	5.3	6.0	7.0	5.6	6.2			
30	8.1	6.0	6.9	7.1	5.4	6.1	6.8	5.3	5.9	6.7	5.7	6.2			
31	---	---	---	7.2	5.2	6.0	6.6	5.3	5.9	---	---	---			
MONTH	---	---	---	8.3	5.0	6.4	8.1	4.6	6.0	7.8	5.1	6.3			

0209270680 GALLANT CHANNEL AT AIRPORT AT BEAUFORT, NC—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	115	92	105	97	77	87	106	80	92
2	---	---	---	113	86	100	112	75	92	121	81	94
3	---	---	---	111	91	100	127	79	99	118	82	95
4	---	---	---	112	90	99	116	83	98	108	82	94
5	---	---	---	117	85	99	116	85	99	108	81	95
6	---	---	---	123	82	102	113	84	97	109	82	96
7	---	---	---	123	80	101	107	82	95	111	84	96
8	---	---	---	117	89	102	99	82	92	113	83	97
9	---	---	---	122	84	101	106	82	93	111	86	97
10	---	---	---	121	85	101	110	82	96	98	85	92
11	---	---	---	116	84	99	114	83	97	99	86	92
12	---	---	---	114	77	99	111	86	98	108	86	93
13	---	---	---	101	85	93	109	89	99	100	85	92
14	---	---	---	99	80	89	112	88	99	101	88	94
15	---	---	---	128	86	104	112	90	100	96	83	92
16	---	---	---	121	91	108	105	81	90	95	82	89
17	---	---	---	109	88	99	105	76	88	102	72	88
18	---	---	---	111	81	96	109	81	93	109	78	92
19	---	---	---	115	84	98	115	81	93	101	76	90
20	---	---	---	114	85	98	115	78	94	110	78	94
21	---	---	---	108	86	96	111	77	93	104	76	93
22	---	---	---	113	87	98	110	74	93	114	82	96
23	---	---	---	115	82	97	103	75	90	121	85	98
24	117	84	100	116	81	98	104	72	90	102	84	93
25	107	87	97	116	83	99	115	80	96	108	78	90
26	118	86	100	114	81	99	110	82	97	114	75	94
27	123	83	104	119	85	101	100	85	93	105	83	93
28	112	89	102	116	87	102	106	82	92	101	80	90
29	102	89	96	111	89	99	108	82	94	105	82	92
30	122	88	102	112	85	96	109	83	94	99	85	91
31	---	---	---	112	81	93	106	83	94	---	---	---
MONTH	---	---	---	128	77	99	127	72	94	121	72	93

0209270680 GALLANT CHANNEL AT AIRPORT AT BEAUFORT, NC—Continued

TURBIDITY, WATER, MONOCHROME NEAR INFRA-RED LED LIGHT, 780-900 NM, DETECTION ANGLE 90 +/- 2.5 DEGREES, FNU
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	4.9	1.2	2.6	---	---	---	8.2	1.5	3.4
2	---	---	---	3.9	0.4	2.0	---	---	---	6.6	0.7	3.0
3	---	---	---	6.6	0.9	2.5	4.6	0.6	1.9	7.6	0.2	2.4
4	---	---	---	8.1	0.9	2.7	5.0	0.9	2.1	7.3	0.2	2.6
5	---	---	---	5.7	0.8	2.1	7.6	0.6	2.3	8.2	0.1	2.7
6	---	---	---	5.0	0.9	2.3	6.5	0.4	2.2	6.1	0.6	3.0
7	---	---	---	5.1	0.6	2.3	5.5	0.7	2.3	5.2	1.5	3.0
8	---	---	---	15	1.0	3.0	5.9	1.6	3.0	7.5	1.2	2.9
9	---	---	---	7.4	0.8	2.2	7.7	0.9	3.0	7.6	0.9	3.2
10	---	---	---	4.1	0.8	2.0	5.4	0.6	2.3	13	1.5	4.7
11	---	---	---	4.7	0.7	2.1	4.6	0.4	2.1	17	2.7	5.6
12	---	---	---	5.1	0.6	2.3	6.7	0.8	2.1	21	2.5	5.5
13	---	---	---	22	1.2	3.1	7.0	1.2	2.4	25	2.5	7.5
14	---	---	---	5.5	1.2	3.2	4.6	1.0	2.3	77	6.1	25
15	---	---	---	6.2	2.5	3.9	4.9	0.8	2.4	59	14	29
16	---	---	---	8.6	2.3	3.7	7.3	0.8	2.9	33	8.5	16
17	---	---	---	6.7	1.9	3.4	8.6	0.7	3.2	34	7.2	13
18	---	---	---	10	2.1	3.7	8.7	0.2	3.3	34	3.4	11
19	---	---	---	10	2.4	4.7	9.8	0.9	3.6	29	3.0	9.2
20	---	---	---	11	1.6	5.2	8.7	0.7	3.4	28	2.9	7.5
21	---	---	---	8.2	2.1	4.0	8.0	0.6	3.3	17	2.6	6.6
22	---	---	---	7.7	2.0	3.8	6.6	0.1	2.8	18	2.4	5.5
23	---	---	---	6.8	1.3	3.4	5.3	0.5	2.8	13	2.4	5.0
24	10	1.3	4.3	6.1	1.3	3.2	6.9	0.7	3.5	11	3.0	5.4
25	10	1.3	4.4	6.1	1.6	2.9	8.0	1.3	3.6	12	3.4	5.7
26	9.9	1.9	4.6	5.6	1.5	2.7	7.3	1.2	2.7	13	3.5	5.4
27	9.3	1.9	4.5	3.9	1.2	2.3	4.7	1.1	2.4	11	4.2	6.0
28	9.7	2.0	3.8	5.2	1.2	2.3	5.8	0.5	2.4	---	---	---
29	7.0	1.9	3.5	7.7	1.4	3.0	4.9	0.8	2.1	9.8	3.0	4.8
30	5.9	1.7	3.3	6.0	2.0	3.4	4.5	0.8	2.2	19	2.9	6.0
31	---	---	---	7.6	2.7	4.2	18	1.4	3.6	---	---	---
MONTH	---	---	---	22	0.4	3.0	---	---	---	---	---	---

0209270680 GALLANT CHANNEL AT AIRPORT AT BEAUFORT, NC—Continued

TURBIDITY, WATER, MONOCHROME NEAR INFRA-RED LED LIGHT, 780-900 NM, DETECTION ANGLE 90 +/- 2.5 DEGREES, FNU
 WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	16	3.2	5.7	---	---	---	11	3.5	5.3	8.4	2.7	4.2
2	16	3.4	6.0	---	---	---	12	4.3	6.5	7.0	2.3	3.9
3	12	3.0	5.6	---	---	---	12	4.2	6.7	8.4	2.4	4.6
4	15	3.0	5.7	---	---	---	16	4.6	8.7	6.9	2.4	4.3
5	13	2.5	5.4	---	---	---	18	5.7	9.9	5.2	2.1	3.2
6	16	3.0	6.2	---	---	---	18	4.8	9.2	5.3	2.0	3.3
7	15	3.5	7.8	---	---	---	8.5	3.4	4.7	5.3	2.1	3.0
8	20	4.9	9.0	---	---	---	7.5	2.5	4.1	4.3	1.8	2.5
9	11	5.0	7.2	---	---	---	12	2.0	4.4	10	2.2	4.1
10	13	5.4	7.4	---	---	---	12	2.3	3.7	6.7	2.3	3.6
11	11	5.2	7.0	7.8	2.4	4.1	4.7	2.4	3.2	5.7	2.1	3.1
12	17	4.0	6.6	6.3	2.4	3.7	8.2	2.6	3.6	5.5	1.9	2.8
13	14	3.4	5.9	7.4	2.0	3.9	8.4	2.6	4.1	4.8	1.7	2.6
14	16	2.8	5.8	6.2	2.1	3.9	6.2	2.6	3.8	8.0	1.7	4.0
15	14	2.5	5.3	7.5	2.4	4.4	7.7	2.0	3.5	17	4.5	11
16	13	2.7	5.1	8.3	2.7	4.3	7.7	2.6	4.2	12	2.7	4.6
17	11	2.1	4.7	8.4	3.0	5.2	7.7	2.7	4.0	8.2	1.9	3.3
18	11	2.1	4.8	7.4	2.5	4.4	13	3.3	5.1	14	1.9	5.4
19	11	1.7	4.4	5.8	2.2	3.3	5.6	3.4	4.3	7.8	3.3	5.0
20	10	1.5	3.9	5.4	1.9	2.9	7.8	3.0	3.9	8.2	2.4	3.7
21	8.1	1.2	3.3	6.1	2.0	3.6	4.5	2.5	3.4	8.5	2.0	3.0
22	9.7	1.1	3.2	15	3.7	8.1	3.5	2.0	2.7	5.8	2.2	3.2
23	6.6	1.5	3.7	9.0	4.4	6.2	3.2	1.9	2.3	17	1.4	3.8
24	7.8	0.9	3.2	7.1	4.0	5.0	2.8	1.7	2.1	6.7	2.3	3.4
25	21	6.3	11	7.0	3.3	4.8	3.2	1.6	2.2	---	---	---
26	12	4.1	6.9	5.2	2.7	3.7	10	2.0	4.4	---	---	---
27	---	---	---	4.7	2.5	3.4	11	3.5	4.6	---	---	---
28	---	---	---	12	2.9	4.3	11	2.7	3.9	---	---	---
29	---	---	---	11	3.1	4.6	11	3.1	4.2	---	---	---
30	---	---	---	10	3.3	4.8	9.5	3.1	4.4	---	---	---
31	---	---	---	---	---	---	8.4	2.5	4.6	---	---	---
MONTH	---	---	---	---	---	---	18	1.6	4.6	---	---	---

0209270680 GALLANT CHANNEL AT AIRPORT AT BEAUFORT, NC—Continued

CHLOROPHYLL, TOTAL, WATER, FLUOROMETRIC, 650-700 NANOMETERS, IN-SITU SENSOR, MICROGRAMS PER LITER
 WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	10.7	4.7	7.6	16.2	4.3	7.5	12.1	3.0	6.4
2	---	---	---	7.9	2.6	4.9	11.6	3.7	7.3	18.2	3.7	7.5
3	---	---	---	6.2	1.9	3.7	21.4	5.0	7.3	21.5	4.0	7.2
4	---	---	---	9.5	2.0	4.1	16.1	4.4	7.0	10.8	4.5	7.0
5	---	---	---	11.8	2.2	4.5	11.9	3.6	6.5	9.6	3.8	6.7
6	---	---	---	8.2	2.6	4.7	9.9	3.2	5.9	10.7	5.1	7.3
7	---	---	---	8.3	2.5	4.6	8.8	3.1	5.6	15.9	6.3	8.6
8	---	---	---	6.5	2.0	4.0	11.1	3.7	6.0	12.8	6.1	8.9
9	---	---	---	6.3	1.8	3.8	9.4	3.8	5.9	12.4	6.7	8.7
10	---	---	---	7.5	2.4	4.0	10.7	3.2	5.8	11.1	6.7	9.0
11	---	---	---	8.0	2.8	4.6	7.0	3.1	5.3	13.2	7.4	10.0
12	---	---	---	9.2	3.2	5.6	8.6	3.6	5.4	13.8	7.6	9.8
13	---	---	---	7.5	2.4	5.1	8.2	4.0	5.7	12.4	5.9	8.5
14	---	---	---	10.4	1.8	5.2	8.9	3.7	6.4	13.6	4.4	7.4
15	---	---	---	14.1	4.9	8.7	16.8	4.6	7.4	13.2	6.4	9.7
16	---	---	---	13.2	6.2	8.8	17.2	4.1	8.0	9.8	4.4	7.1
17	---	---	---	11.5	5.4	7.7	29.3	3.1	7.1	14.5	3.4	6.6
18	---	---	---	15.9	4.8	8.4	19.4	2.7	6.5	23.0	4.6	8.5
19	---	---	---	16.9	6.1	10	24.1	3.4	7.6	15.0	5.1	8.3
20	---	---	---	15.1	4.5	9.5	26.1	2.3	7.2	22.1	4.7	9.0
21	---	---	---	14.0	3.6	7.3	15.6	2.6	5.9	14.2	4.5	7.7
22	---	---	---	16.4	3.4	6.7	11.2	2.4	5.3	12.8	4.3	7.2
23	---	---	---	10.1	1.5	5.2	11.2	2.2	5.6	14.9	4.8	8.2
24	9.4	2.3	4.7	8.0	2.3	4.7	10.7	3.0	5.4	11.1	5.5	7.4
25	9.8	3.0	5.4	9.1	2.9	4.7	29.7	3.7	7.4	13.4	4.9	7.3
26	10.4	3.1	6.1	10.1	2.6	4.8	8.6	4.7	6.3	16.4	4.4	8.9
27	18.9	4.1	6.7	9.1	2.6	4.7	10.1	4.3	6.2	11.1	4.7	7.2
28	12.5	3.5	5.9	11.0	2.2	4.7	11.3	3.8	6.0	8.4	3.1	5.7
29	9.8	2.9	5.4	16.0	2.8	5.4	8.5	3.4	5.6	11.9	4.3	6.4
30	14.1	3.6	7.1	12.6	3.4	6.6	10.5	3.2	5.7	11.6	3.1	6.1
31	---	---	---	18.6	4.1	7.8	8.5	3.1	5.7	---	---	---
MONTH	---	---	---	18.6	1.5	5.9	29.7	2.2	6.3	23.0	3.0	7.8

