#### 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	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST		Si	ЕРТЕМВІ	ER
1 2				30.7 31.4	26.9 28.2	28.8 29.6	31.6 32.5	26.8 29.1	29.9 30.9	35.5 35.3	33.6 33.3	34.8 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

#### $0209270680\ GALLANT\ CHANNEL\ AT\ AIRPORT\ AT\ BEAUFORT,\ NC-Continued$

# 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		N	OVEMBE	R	Б	ECEMBE	R		JANUARY	7
1 2 3 4 5	32.4 31.2 30.8 30.5 31.4	30.2 28.2 27.9 27.3 28.4	31.4 29.9 29.6 29.3 30.2	  	  	  	32.5 32.3 32.5 30.6 32.8	27.4 26.3 27.0 27.1 27.1	30.2 29.4 30.1 28.8 30.0	32.7 33.0 32.5 32.9 32.7	27.9 29.3 28.9 29.4 30.4	30.5 31.1 30.5 31.1 31.4
6 7 8 9 10	32.1 31.4 31.6 27.8 25.3	29.4 21.6 17.4 19.3 18.8	30.9 28.4 26.3 23.3 21.8	  	  	  	31.8 32.1 31.4 32.2 31.4	27.1 26.9 25.6 24.6 26.2	30.2 30.0 29.4 29.1 29.3	32.8 32.5 30.2 30.1 29.9	30.0 27.6 25.7 25.4 22.7	31.5 30.6 28.2 27.3 28.1
11 12 13 14 15	26.5 26.6 27.8 30.9 31.5	17.6 21.5 23.3 25.0 27.1	22.0 24.8 25.8 27.8 29.1	32.7 32.7 32.9 32.9 33.0	30.4 30.6 30.3 30.4 30.5	31.7 31.9 31.7 31.6 31.6	30.9 32.4 33.1 33.0 33.1	26.2 26.4 28.7 28.2 26.2	28.5 29.8 31.2 30.9 30.9	30.6 30.6 31.3 31.6 30.4	22.1 25.4 26.6 28.9 26.8	28.1 28.8 29.4 30.1 28.4
16 17 18 19 20	32.0 31.6 31.1 30.9 29.7	27.3 28.2 25.8 25.8 25.8	29.6 29.5 28.0 27.8 27.8	33.1 33.0 32.7 32.3 31.2	30.1 30.1 28.8 28.7 27.5	31.6 31.6 31.0 30.6 29.7	32.3 31.0 30.4 25.8 25.7	24.5 26.1 20.8 19.6 21.0	29.0 29.0 25.8 23.8 23.5	32.9 33.2 33.0 31.6 31.5	28.1 29.9 29.7 29.5 28.6	30.9 31.8 31.9 30.5 30.6
21 22 23 24 25	31.3 31.8 30.4 30.9 23.1	26.6 28.4 27.3 23.1 18.0	29.0 29.7 29.3 28.7 20.8	32.4 30.4 28.1 30.3 31.3	27.3 26.5 25.1 27.8 27.1	29.9 28.7 26.5 29.1 29.0	27.0 27.2 27.1 26.6 29.6	22.1 21.7 20.9 21.2 24.5	24.6 24.6 23.7 23.6 26.9	31.5 31.9 30.9 30.6 30.5	28.5 26.6 25.6 27.3 26.6	30.2 30.4 28.6 29.0 28.4
26 27 28 29 30 31	26.8   	19.0    	21.6	29.7 30.2 31.5 32.7 32.2	25.9 25.6 27.8 27.9 27.1	28.3 29.0 30.4 31.0 29.9	28.7 29.7 31.0 32.0 31.9 32.5	22.6 22.6 25.7 26.8 26.3 27.8	25.6 26.9 29.0 29.4 29.2 29.8	29.9 32.4 33.3 33.3 33.8 33.5	26.3 27.3 28.4 29.0 29.9 31.0	28.2 30.6 30.8 31.3 32.6 32.5
MONTH							22.1	10.6	20.1	22.0	22.1	30.1
MONTH							33.1	19.6	28.1	33.8	22.1	30.1
MONTH		 FEBRUAR			MARCH		33.1	APRIL	28.1	33.8	MAY	30.1
1 2 3 4 5				   			  		28.1   	   		   
1 2 3 4	33.6 33.8 33.6 33.7	31.0 30.9 31.0 31.0 31.9	32.4 32.9 32.8 32.7	  	MARCH	  	  	APRIL	  	  	MAY	  
1 2 3 4 5 6 7 8 9	33.6 33.8 33.6 33.7 33.7 32.7 32.5 32.2 31.6	31.0 30.9 31.0 31.9 29.8 28.9 28.9 27.4 27.1	32.4 32.9 32.8 32.7 32.3 31.0 30.9 30.4 30.0		MARCH			APRIL		    	MAY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	33.6 33.8 33.6 33.7 33.7 32.7 32.5 32.2 31.6	31.0 30.9 31.0 31.9 29.8 28.9 28.8 27.4 27.1	32.4 32.9 32.8 32.7 32.3 31.0 30.9 30.4 30.0		MARCH			APRIL		     	MAY	     
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	33.6 33.8 33.7 33.7 32.7 32.5 32.2 31.6 	31.0 30.9 31.0 31.9 29.8 28.9 28.8 27.4 27.1	32.4 32.9 32.8 32.7 32.3 31.0 30.9 30.4 30.0		MARCH			APRIL		        	MAY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	33.6 33.8 33.6 33.7 33.7 32.7 32.5 32.2 31.6 	31.0 30.9 31.0 31.9 29.8 28.9 28.8 27.4 27.1	32.4 32.9 32.8 32.7 32.3 31.0 30.9 30.4 30.0		MARCH			APRIL			MAY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	33.6 33.8 33.7 33.7 32.7 32.5 32.2 31.6 	31.0 30.9 31.0 31.9 29.8 28.9 28.8 27.4 27.1	32.4 32.9 32.8 32.7 32.3 31.0 30.9 30.4 30.0		MARCH			APRIL			MAY	

### 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	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST		S	ЕРТЕМВІ	ER
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

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

 $0209270680\ GALLANT\ CHANNEL\ AT\ AIRPORT\ AT\ BEAUFORT,\ NC-Continued$ 

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER		N	OVEMBE	R	D	ECEMBE	R		JANUARY	
1 2 3 4 5	8.1 8.1 8.1 8.1 8.1	8.0 8.0 8.0 8.0 8.0	8.0 8.0 8.1 8.1	   	  	  	8.0 8.1 8.1 8.1 8.1	8.0 8.0 8.0 8.0	8.0 8.0 8.1 8.1 8.0	8.4 8.4 8.3 8.4 8.4	8.0 8.1 8.1 7.9 8.1	8.2 8.2 8.1 8.2 8.1
6 7 8 9 10	8.1 8.0 8.0 8.0 7.9	8.0 7.9 7.7 7.6 7.6	8.0 8.0 8.0 7.9 7.8	  	   	  	8.1 8.1 8.2 8.2 8.2	8.0 8.1 8.0 8.0 8.0	8.1 8.1 8.1 8.1	8.1 8.1 8.1 8.1	8.1 8.0 8.1 8.0 8.0	8.1 8.1 8.1 8.1 8.1
11 12 13 14 15	8.0 7.9 8.0 8.0 8.1	7.6 7.8 7.8 7.9 7.8	7.8 7.9 7.9 8.0 8.0	8.2 8.2 8.2 8.2 8.2	8.2 8.2 8.2 8.1 8.1	8.2 8.2 8.2 8.2 8.2	8.2 8.2 8.2 8.2 8.2	8.0 8.1 8.1 8.0 8.0	8.1 8.1 8.2 8.1	8.1 8.1 8.1 8.1	8.0 8.0 8.1 8.0 8.0	8.1 8.1 8.1 8.1 8.0
16 17 18 19 20	8.1 8.1 8.1 8.1	7.8 7.9 7.9 7.9 8.0	8.0 8.0 8.0 8.0	8.2 8.1 8.1 8.2 8.2	8.0 8.0 8.0 8.1 8.1	8.1 8.0 8.1 8.2 8.2	8.2 8.2 8.3 8.2 8.2	8.0 8.0 8.0 8.1 8.1	8.1 8.2 8.1 8.1 8.2	8.1 8.1 8.1 8.1	8.0 8.0 8.0 8.0	8.1 8.1 8.0 8.1
21 22 23 24 25	8.1 8.1 8.1 8.1	8.0 8.0 8.0 8.0 7.9	8.0 8.0 8.1 8.1 8.0	8.2 8.1 8.2 8.2 8.2	8.1 8.1 8.1 8.1 8.1	8.1 8.1 8.1 8.2 8.2	8.2 8.5 8.5 8.5 8.2	8.1 8.2 8.2 8.2 8.1	8.2 8.2 8.2 8.2 8.2	8.1 8.1 8.1 8.1 8.1	8.0 8.0 8.0 8.0 8.0	8.1 8.1 8.1 8.1
26 27 28 29 30 31	8.1   	7.9   	8.0   	8.2 8.2 8.2 8.2 8.0	8.2 8.2 8.1 8.0 8.0	8.2 8.2 8.2 8.1 8.0	8.4 8.4 8.4 8.4 8.4	8.1 7.8 7.9 7.9 8.1 8.1	8.2 8.2 8.2 8.2 8.2 8.2	8.1 8.1 8.1 8.1 8.1	8.0 8.1 8.1 8.1 8.1 8.0	8.1 8.1 8.1 8.1 8.1
MONTH							8.5	7.8	8.1	8.4	7.9	8.1
MONTH		 FEBRUARY			 MARCH		8.5	7.8 APRIL	8.1	8.4	7.9 MAY	8.1
1	8.1	FEBRUARY	Y 8.1	 		 	8.5		8.1	8.4 		8.1 
		FEBRUARY	Y		MARCH			APRIL			MAY	
1 2 3 4	8.1 8.1 8.1 8.1	8.0 8.1 8.0 8.0	8.1 8.1 8.1 8.1	  	MARCH	  	  	APRIL   	  	  	MAY	  
1 2 3 4 5 6 7 8 9 10	8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1	8.0 8.1 8.0 8.0 8.1 8.1 8.1 8.1 8.1	8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1	    	MARCH		    	APRIL			MAY	     
1 2 3 4 5 6 7 8 9 10	8.1 8.1 8.1 8.1 8.1 8.1 8.1	8.0 8.1 8.0 8.0 8.1 8.1 8.1 8.1 8.1	8.1 8.1 8.1 8.1 8.1 8.1 8.1		MARCH		    	APRIL			MAY	     
1 2 3 4 5 6 7 8 9 10	8.1 8.1 8.1 8.1 8.1 8.1 8.1	8.0 8.1 8.0 8.1 8.1 8.1 8.1 8.1 8.1	8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1		MARCH		     	APRIL			MAY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	8.1 8.1 8.1 8.1 8.1 8.1 8.2 	8.0 8.1 8.0 8.0 8.1 8.1 8.1 8.1 8.1 	8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1		MARCH			APRIL			MAY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	8.1 8.1 8.1 8.1 8.1 8.1 8.2	8.0 8.1 8.0 8.1 8.1 8.1 8.1 8.1 8.1 	8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1		MARCH			APRIL			MAY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	8.1 8.1 8.1 8.1 8.1 8.1 8.2	8.0 8.1 8.0 8.0 8.1 8.1 8.1 8.1 8.1 	8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1		MARCH			APRIL			MAY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	8.1 8.1 8.1 8.1 8.1 8.1 8.2	8.0 8.1 8.0 8.1 8.1 8.1 8.1 8.1 8.1 	8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1		MARCH			APRIL			MAY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	8.1 8.1 8.1 8.1 8.1 8.1 8.2	8.0 8.1 8.0 8.1 8.1 8.1 8.1 8.1 8.1 	8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1		MARCH			APRIL			MAY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	8.1 8.1 8.1 8.1 8.1 8.1 8.2	8.0 8.1 8.0 8.1 8.1 8.1 8.1 8.1 8.1 	8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1		MARCH			APRIL			MAY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	8.1 8.1 8.1 8.1 8.1 8.1 8.2	8.0 8.1 8.0 8.1 8.1 8.1 8.1 8.1 8.1 	8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1		MARCH			APRIL			MAY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	8.1 8.1 8.1 8.1 8.1 8.1 8.2	8.0 8.1 8.0 8.1 8.1 8.1 8.1 8.1 8.1	8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1		MARCH			APRIL			MAY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	8.1 8.1 8.1 8.1 8.1 8.1 8.2	8.0 8.1 8.0 8.1 8.1 8.1 8.1 8.1 8.1	8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1		MARCH			APRIL			MAY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	8.1 8.1 8.1 8.1 8.1 8.1 8.2 	8.0 8.1 8.0 8.1 8.1 8.1 8.1 8.1 8.1	8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1		MARCH			APRIL			MAY	

#### 0209270680 GALLANT CHANNEL AT AIRPORT AT BEAUFORT, NC—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST		Si	ЕРТЕМВІ	ER
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

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

0209270680 GALLANT CHANNEL AT AIRPORT AT BEAUFORT, NC—Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER	l.	N	OVEMBE	R	Е	ECEMBE	R		JANUARY	7
1 2 3 4 5	25.7 25.4 26.1 26.2 26.3	24.7 24.3 24.3 24.8 25.3	25.1 24.8 25.0 25.4 25.7	  	  	  	16.2 14.9 13.4 14.5 14.6	14.8 12.4 11.6 12.9 14.1	15.6 14.0 12.7 13.7 14.4	12.0 11.9 12.8 12.4 12.4	10.9 11.1 11.6 11.3 11.1	11.3 11.4 12.3 11.7 11.6
6 7 8 9 10	25.9 25.6 26.2 27.3 26.5	25.4 24.5 24.5 24.9 24.7	25.7 24.9 25.1 25.8 25.5	  	  	  	14.5 12.6 12.0 11.9 11.3	12.0 11.2 9.8 10.0 9.8	13.3 11.9 10.8 11.0 10.6	11.9 10.8 9.8 11.3 11.7	10.5 9.3 8.5 9.4 10.6	11.3 10.0 9.2 10.3 11.1
11 12 13 14 15	25.6 25.2 24.0 23.3 23.5	24.2 23.7 22.4 22.0 22.0	24.9 24.6 23.3 22.5 22.6	18.8 17.4 17.9 19.3 19.6	16.8 16.6 16.5 17.4 18.6	17.7 17.0 17.3 18.3 19.1	11.1 11.2 11.5 10.0 11.1	9.9 10.0 9.2 8.4 7.8	10.5 10.5 10.5 8.9 9.3	13.1 13.8 13.8 13.8 11.7	11.4 12.1 12.5 11.7 8.9	11.9 12.7 13.1 13.0 9.9
16 17 18 19 20	23.3 22.5 22.1 23.4 24.1	22.1 21.5 20.7 21.1 21.8	22.7 22.0 21.5 22.1 22.8	20.4 20.1 17.9 15.7 14.9	19.2 17.8 15.5 14.1 13.9	19.7 19.1 16.4 14.8 14.5	11.7 10.6 10.2 9.8 9.7	10.1 10.1 9.0 8.6 8.1	10.8 10.3 9.6 9.2 9.0	10.7 12.0 12.4 11.9 12.4	8.1 10.1 11.1 10.0 10.7	9.8 10.9 11.9 11.1 11.5
21 22 23 24 25	24.9 25.1 24.4 22.5 20.4	22.7 23.3 22.1 20.3 16.4	23.6 24.2 23.0 21.6 18.1	16.5 16.4 13.3 13.7 13.9	14.6 13.3 11.0 12.0 11.1	15.6 15.0 12.2 12.8 12.5	9.3 8.7 9.1 9.2 10.9	7.8 7.0 6.8 6.3 9.0	8.6 8.1 8.1 8.4 9.9	13.4 13.1 14.0 13.3 12.9	11.5 11.8 11.8 12.7 10.8	12.5 12.4 12.6 13.0 12.1
26 27 28 29 30 31	17.8   	15.0    	16.5   	12.3 12.9 14.5 16.0 17.4	10.8 11.1 12.5 14.3 15.7	11.4 11.9 13.8 15.1 16.2	10.3 9.9 10.2 11.6 11.0 11.4	9.3 8.6 9.1 10.1 10.1 10.3	9.9 9.3 9.7 10.7 10.6 10.9	11.1 9.7 9.8 11.3 11.9 11.6	8.9 8.5 8.4 9.1 10.9 10.8	10 9.0 9.2 10.3 11.3 11.2
							460			140	0.1	11.3
MONTH							16.2	6.3	10.7	14.0	8.1	11.5
MONTH		 FEBRUAR			MARCH		16.2	6.3 APRIL	10.7	14.0	MAY	11.5
1 2 3 4 5				   			16.2		10.7   	   		
1 2 3 4	11.7 11.8 13.4 13.6	10.0 10.2 11.4 11.8	10.7 11.0 12.4 12.9	  	MARCH	  	  	APRIL	  	   	MAY	  
1 2 3 4 5 6 7 8 9	11.7 11.8 13.4 13.6 13.0 10.7 10.0 10.2 9.7	10.0 10.2 11.4 11.8 10.6 9.5 9.2 8.9 8.4	Y 10.7 11.0 12.4 12.9 11.7 10.0 9.6 9.5 9.1	    	MARCH		   	APRIL		   	MAY	    
1 2 3 4 5 6 7 8 9 10 11 12 13	11.7 11.8 13.4 13.6 13.0 10.7 10.0 10.2 9.7	10.0 10.2 11.4 11.8 10.6 9.5 9.2 8.9 8.4	10.7 11.0 12.4 12.9 11.7 10.0 9.6 9.5 9.1		MARCH		     	APRIL			MAY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	11.7 11.8 13.4 13.6 13.0 10.7 10.0 10.2 9.7 	10.0 10.2 11.4 11.8 10.6 9.5 9.2 8.9 8.4 	10.7 11.0 12.4 12.9 11.7 10.0 9.6 9.5 9.1		MARCH			APRIL			MAY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	11.7 11.8 13.4 13.6 13.0 10.7 10.0 10.2 9.7	10.0 10.2 11.4 11.8 10.6 9.5 9.2 8.9 8.4	10.7 11.0 12.4 12.9 11.7 10.0 9.6 9.5 9.1 		MARCH			APRIL			MAY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	11.7 11.8 13.4 13.6 13.0 10.7 10.0 10.2 9.7 	FEBRUAR  10.0 10.2 11.4 11.8 10.6 9.5 9.2 8.9 8.4	10.7 11.0 12.4 12.9 11.7 10.0 9.6 9.5 9.1 		MARCH			APRIL			MAY	

### 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	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST	,	S	ЕРТЕМВІ	ER
1 2				7.5 7.3	6.2 5.7	7.0 6.6	6.4 7.2	5.0 5.0	5.7 6.0	6.6 7.6	5.1 5.1	5.8 5.9
3				7.3	6.0	6.5	8.1	5.2	6.4	7.0 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, MILLIGRAMS PER LITER WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBE	R	N	OVEMBE	ER	D	ECEMBE	ER		JANUAR`	Y
1	7.1	5.7	6.3									
2	7.8	5.9	6.6									
3	7.9	6.2	6.8									
4	7.6	6.2	6.8									
5	7.2	6.1	6.6									
6	6.7	5.8	6.3							9.3	8.7	8.9
7	6.6	5.9	6.3							9.8	8.8	9.2
8	6.6	6.2	6.4							10.0	9.4	9.7
9	6.9	5.4	6.2				9.6	8.9	9.2	9.9	9.3	9.7
10	6.2	5.4	5.8							9.7	8.9	9.3
11	6.2	5.4	5.8	8.0	7.0	7.4						
12	6.1	5.6	5.9	7.8	7.1	7.5						
13	6.3	5.6	5.9	8.1	7.2	7.6						
14	6.4	5.8	6.1	8.0	7.2	7.6						
15	6.6	5.6	6.2	7.8	7.1	7.4						
16	6.9	5.7	6.4	7.8	7.0	7.3						
17	7.4	5.9	6.6	7.6	7.0	7.2						
18	7.6	6.3	7.0	8.3	7.1	7.6						
19	7.9	6.6	7.2	8.4	7.6	7.9						
20	8.0	6.7	7.3	8.0	7.5	7.8						
21	7.9	6.5	7.1	7.7	6.8	7.2						
22	7.6	6.4	7.0	7.3	6.7	7.0						
23	7.6	6.4	7.0									
24	7.1	6.5	6.8									
25	8.4	6.7	7.7									
26	8.6	7.7	8.1									
27												
28												
29												
30												
31												
MONTH												

#### $0209270680\ GALLANT\ CHANNEL\ AT\ AIRPORT\ AT\ BEAUFORT,\ NC-Continued$

# 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
		JUNE			JULY			AUGUST		S	ЕРТЕМВІ	ER
1 2				115 113	92 86	105 100	97 112	77 75	87 92	106 121	80 81	92 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

#### $0209270680\ GALLANT\ CHANNEL\ AT\ AIRPORT\ AT\ BEAUFORT,\ NC-Continued$

# 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
	(	ОСТОВЕН	3	N	OVEMBE	ER	Г	ECEMBE	ER		JANUAR'	Y
1	104	83	91									
2	112	84	95									
3	115	88	98									
4	111	88	98									
5	106	88	96									
6	99	85	92							101	97	100
7	93	86	90							104	94	99
8	96	84	90							105	97	101
9	100	73	87				104	97	101	107	99	103
10	88	73	81							104	96	101
11	87	74	80	101	89	94						
12	85	76	82	99	89	94						
13	85	76	81	102	92	96						
14	88	78	83	104	92	97						
15	92	75	85	102	93	97						
16	96	77	88	104	92	97						
17	102	80	91	98	91	95						
18	102	84	94	101	89	94						
19	108	87	97	101	90	95						
20	111	90	99	95	87	92						
21	112	89	100	91	83	87						
22	110	89	99	85	81	83						
23	105	88	96									
24	98	85	91									
25	102	85	92									
26	102	92	95									
27												
28												
29												
30												
31												
MONTH												

### 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
		JUNE			JULY			AUGUST		S	ЕРТЕМВЕ	ER
1 2 3 4 5	   	  	  	4.9 3.9 6.6 8.1 5.7	1.2 0.4 0.9 0.9 0.8	2.6 2.0 2.5 2.7 2.1	4.6 5.0 7.6	0.6 0.9 0.6	1.9 2.1 2.3	8.2 6.6 7.6 7.3 8.2	1.5 0.7 0.2 0.2 0.1	3.4 3.0 2.4 2.6 2.7
6 7 8 9 10	   	  	  	5.0 5.1 15 7.4 4.1	0.9 0.6 1.0 0.8 0.8	2.3 2.3 3.0 2.2 2.0	6.5 5.5 5.9 7.7 5.4	0.4 0.7 1.6 0.9 0.6	2.2 2.3 3.0 3.0 2.3	6.1 5.2 7.5 7.6	0.6 1.5 1.2 0.9 1.5	3.0 3.0 2.9 3.2 4.7
11 12 13 14 15	   	  	  	4.7 5.1 22 5.5 6.2	0.7 0.6 1.2 1.2 2.5	2.1 2.3 3.1 3.2 3.9	4.6 6.7 7.0 4.6 4.9	0.4 0.8 1.2 1.0 0.8	2.1 2.1 2.4 2.3 2.4	17 21 25 77 59	2.7 2.5 2.5 6.1 14	5.6 5.5 7.5 25
16 17 18 19 20	   	  	  	8.6 6.7 10 10	2.3 1.9 2.1 2.4 1.6	3.7 3.4 3.7 4.7 5.2	7.3 8.6 8.7 9.8 8.7	0.8 0.7 0.2 0.9 0.7	2.9 3.2 3.3 3.6 3.4	33 34 34 29 28	8.5 7.2 3.4 3.0 2.9	16 13 11 9.2 7.5
21 22 23 24 25	  10 10	  1.3 1.3	  4.3 4.4	8.2 7.7 6.8 6.1 6.1	2.1 2.0 1.3 1.3 1.6	4.0 3.8 3.4 3.2 2.9	8.0 6.6 5.3 6.9 8.0	0.6 0.1 0.5 0.7 1.3	3.3 2.8 2.8 3.5 3.6	17 18 13 11 12	2.6 2.4 2.4 3.0 3.4	6.6 5.5 5.0 5.4 5.7
26 27 28 29 30 31	9.9 9.3 9.7 7.0 5.9	1.9 1.9 2.0 1.9 1.7	4.6 4.5 3.8 3.5 3.3	5.6 3.9 5.2 7.7 6.0 7.6	1.5 1.2 1.2 1.4 2.0 2.7	2.7 2.3 2.3 3.0 3.4 4.2	7.3 4.7 5.8 4.9 4.5	1.2 1.1 0.5 0.8 0.8 1.4	2.7 2.4 2.4 2.1 2.2 3.6	13 11  9.8 19	3.5 4.2  3.0 2.9	5.4 6.0  4.8 6.0
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	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			D	ECEMBE	ER.	JANUARY		
1 2 3 4 5	16 16 12 15 13	3.2 3.4 3.0 3.0 2.5	5.7 6.0 5.6 5.7 5.4	  	  	  	11 12 12 16 18	3.5 4.3 4.2 4.6 5.7	5.3 6.5 6.7 8.7 9.9	8.4 7.0 8.4 6.9 5.2	2.7 2.3 2.4 2.4 2.1	4.2 3.9 4.6 4.3 3.2
6 7 8 9 10	16 15 20 11 13	3.0 3.5 4.9 5.0 5.4	6.2 7.8 9.0 7.2 7.4	  	  	  	18 8.5 7.5 12	4.8 3.4 2.5 2.0 2.3	9.2 4.7 4.1 4.4 3.7	5.3 5.3 4.3 10 6.7	2.0 2.1 1.8 2.2 2.3	3.3 3.0 2.5 4.1 3.6
11 12 13 14 15	11 17 14 16 14	5.2 4.0 3.4 2.8 2.5	7.0 6.6 5.9 5.8 5.3	7.8 6.3 7.4 6.2 7.5	2.4 2.4 2.0 2.1 2.4	4.1 3.7 3.9 3.9 4.4	4.7 8.2 8.4 6.2 7.7	2.4 2.6 2.6 2.6 2.0	3.2 3.6 4.1 3.8 3.5	5.7 5.5 4.8 8.0 17	2.1 1.9 1.7 1.7 4.5	3.1 2.8 2.6 4.0
16 17 18 19 20	13 11 11 11 10	2.7 2.1 2.1 1.7 1.5	5.1 4.7 4.8 4.4 3.9	8.3 8.4 7.4 5.8 5.4	2.7 3.0 2.5 2.2 1.9	4.3 5.2 4.4 3.3 2.9	7.7 7.7 13 5.6 7.8	2.6 2.7 3.3 3.4 3.0	4.2 4.0 5.1 4.3 3.9	12 8.2 14 7.8 8.2	2.7 1.9 1.9 3.3 2.4	4.6 3.3 5.4 5.0 3.7
21 22 23 24 25	8.1 9.7 6.6 7.8 21	1.2 1.1 1.5 0.9 6.3	3.3 3.2 3.7 3.2 11	6.1 15 9.0 7.1 7.0	2.0 3.7 4.4 4.0 3.3	3.6 8.1 6.2 5.0 4.8	4.5 3.5 3.2 2.8 3.2	2.5 2.0 1.9 1.7 1.6	3.4 2.7 2.3 2.1 2.2	8.5 5.8 17 6.7	2.0 2.2 1.4 2.3	3.0 3.2 3.8 3.4
26 27 28 29 30 31	12   	4.1   	6.9   	5.2 4.7 12 11 10	2.7 2.5 2.9 3.1 3.3	3.7 3.4 4.3 4.6 4.8	10 11 11 11 9.5 8.4	2.0 3.5 2.7 3.1 3.1 2.5	4.4 4.6 3.9 4.2 4.4 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	
JUNE				JULY			AUGUST			SEPTEMBER			
1 2 3 4 5	   	  	  	10.7 7.9 6.2 9.5 11.8	4.7 2.6 1.9 2.0 2.2	7.6 4.9 3.7 4.1 4.5	16.2 11.6 21.4 16.1 11.9	4.3 3.7 5.0 4.4 3.6	7.5 7.3 7.3 7.0 6.5	12.1 18.2 21.5 10.8 9.6	3.0 3.7 4.0 4.5 3.8	6.4 7.5 7.2 7.0 6.7	
6 7 8 9 10	   	  	  	8.2 8.3 6.5 6.3 7.5	2.6 2.5 2.0 1.8 2.4	4.7 4.6 4.0 3.8 4.0	9.9 8.8 11.1 9.4 10.7	3.2 3.1 3.7 3.8 3.2	5.9 5.6 6.0 5.9 5.8	10.7 15.9 12.8 12.4 11.1	5.1 6.3 6.1 6.7 6.7	7.3 8.6 8.9 8.7 9.0	
11 12 13 14 15	   	  	  	8.0 9.2 7.5 10.4 14.1	2.8 3.2 2.4 1.8 4.9	4.6 5.6 5.1 5.2 8.7	7.0 8.6 8.2 8.9 16.8	3.1 3.6 4.0 3.7 4.6	5.3 5.4 5.7 6.4 7.4	13.2 13.8 12.4 13.6 13.2	7.4 7.6 5.9 4.4 6.4	10.0 9.8 8.5 7.4 9.7	
16 17 18 19 20	   	  	  	13.2 11.5 15.9 16.9 15.1	6.2 5.4 4.8 6.1 4.5	8.8 7.7 8.4 10 9.5	17.2 29.3 19.4 24.1 26.1	4.1 3.1 2.7 3.4 2.3	8.0 7.1 6.5 7.6 7.2	9.8 14.5 23.0 15.0 22.1	4.4 3.4 4.6 5.1 4.7	7.1 6.6 8.5 8.3 9.0	
21 22 23 24 25	  9.4 9.8	2.3 3.0	  4.7 5.4	14.0 16.4 10.1 8.0 9.1	3.6 3.4 1.5 2.3 2.9	7.3 6.7 5.2 4.7 4.7	15.6 11.2 11.2 10.7 29.7	2.6 2.4 2.2 3.0 3.7	5.9 5.3 5.6 5.4 7.4	14.2 12.8 14.9 11.1 13.4	4.5 4.3 4.8 5.5 4.9	7.7 7.2 8.2 7.4 7.3	
26 27 28 29 30 31	10.4 18.9 12.5 9.8 14.1	3.1 4.1 3.5 2.9 3.6	6.1 6.7 5.9 5.4 7.1	10.1 9.1 11.0 16.0 12.6 18.6	2.6 2.6 2.2 2.8 3.4 4.1	4.8 4.7 4.7 5.4 6.6 7.8	8.6 10.1 11.3 8.5 10.5 8.5	4.7 4.3 3.8 3.4 3.2 3.1	6.3 6.2 6.0 5.6 5.7 5.7	16.4 11.1 8.4 11.9 11.6	4.4 4.7 3.1 4.3 3.1	8.9 7.2 5.7 6.4 6.1	
MONTH				18.6	1.5	5.9	29.7	2.2	6.3	23.0	3.0	7.8	

### 509 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 2005 TO SEPTEMBER 2006

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER				ECEMBE		JANUARY		
1 2 3 4 5	10.5 16.7 12.2 12.1 10.2	3.8 5.1 5.3 5.3 5.2	6.2 8.1 7.9 7.7 7.2	  	  	  	7.9 8.3 7.4 8.9 8.4	3.6 3.9 3.8 4.1 3.6	5.5 5.6 5.3 6.3 5.8	7.7 6.3 6.3 5.3 6.0	2.8 3.1 2.9 3.0 2.5	5.0 4.6 4.2 4.1 4.0
6 7 8 9 10	11.0 11.7 11.1 11.9 10.7	4.9 4.8 4.0 5.3 6.4	7.3 6.9 6.5 8.4 8.9	  	  	  	8.3 7.7 8.5 9.2 7.7	4.1 4.1 4.1 3.1 4.2	5.5 5.4 5.6 5.4 5.5	6.0 6.7 9.0 9.4 14.4	3.1 3.0 3.4 3.9 4.1	4.3 4.3 5.3 6.2 6.2
11 12 13 14 15	10.2 8.0 6.4 5.7 6.0	6.1 4.3 4.2 3.1 2.5	8.1 6.0 5.1 4.3 3.9	5.1 5.4 5.6 6.6 7.2	2.2 2.0 2.1 2.1 2.4	3.5 3.4 3.6 3.8 4.3	9.8 9.4 8.4 6.3 6.7	3.8 3.6 3.0 2.7 2.3	6.1 5.2 4.6 4.2 3.8	23.9 15.5 12.3 8.5 10.3	3.9 4.0 4.3 3.9 4.3	7.9 7.4 7.2 5.9 7.8
16 17 18 19 20	7.3 8.9 10.4 9.7 10.8	2.5 3.3 3.6 3.6 4.3	4.3 5.1 6.4 6.4 6.6	12.4 6.7 6.7 6.9 7.5	2.6 2.3 2.8 2.7 3.0	4.6 4.5 4.3 4.3	6.3 8.0 15.4 18.5 15.9	2.9 3.4 3.9 6.1 7.0	4.2 5.1 7.9 10.1 10.6	7.6 6.0 7.1 6.7 5.8	2.9 2.4 2.4 3.4 3.0	4.7 4.0 3.8 4.7 4.2
21 22 23 24 25	7.9 6.7 9.2 7.6 11.9	3.0 3.2 4.0 3.5 5.7	5.6 4.8 5.8 5.0 8.6	5.8 6.8 6.7 5.8 6.6	2.9 3.3 4.1 3.5 3.2	4.0 5.0 5.4 4.4 4.8	17.6 16.9 18.7 16.1 11.9	6.7 5.9 6.7 6.6 5.1	10.9 10.9 10.5 9.4 8.2	6.3 8.5 7.9 8.5 7.6	2.9 2.7 3.6 3.9 3.5	4.3 4.6 5.3 5.3 5.5
26 27 28 29 30 31	11.4   	6.8   	9.3	7.9 6.8 5.8 6.9 7.5	3.7 3.7 3.5 3.3 3.4	4.9 4.8 4.4 4.5 5.3	12.1 14.5 14.5 11.2 9.6 9.2	5.7 5.5 4.5 4.4 4.0 3.8	8.0 8.0 6.8 6.3 5.6 5.8	7.2 8.4 7.6 5.9 5.2 5.6	4.4 3.5 2.7 2.3 2.2 3.0	5.9 5.5 4.5 4.1 3.6 3.9
MONTH							18.7	2.3	6.7	23.9	2.2	5.1
	FEBRUARY			MARCH			APRIL			MAY		
1 2 3 4	9.7 4.8 4.7 4.8	2.2 2.0 2.1 2.2	3.9 3.2 3.0 3.3	  	  	  	  	  	  	  	  	  
5 6 7 8 9 10	4.9 5.7 5.7 8.3 7.6	2.7 3.3 2.9 2.6 3.5	3.8 4.2 4.2 4.5 4.8	   	   	   	   	   	   	   	   	   
11 12 13 14 15	  	  	  	  	  	   	  	  	  	   	  	  
16 17 18 19 20	  	  	  	  	  	  	  	  	  	  	  	  
21 22 23 24 25	  	  	  	  	   	  	  	  	  	  	  	  
26 27 28												
29 30 31												