

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

## WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1947, 1955, 2000 to February 2004 (discontinued).

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June 2000 to February 2004.

pH: June 2000 to February 2004.

WATER TEMPERATURE: June 2000 to February 2004.

DISSOLVED OXYGEN: June 2000 to February 2004.

DISSOLVED OXYGEN, PERCENT SATURATION: June 2000 to February 2004.

TURBIDITY: October 2000 to February 2003.

INSTRUMENTATION.--Water-quality monitor with satellite telemetry from June 2000 to February 2004.

REMARKS.--Station operated in cooperation with the Middle Cape Fear River Association. The constituents were monitored at approximately 10 ft above the streambed. On June 28, 2002 the data sonde was raised to approximately 16 ft above the streambed. Beginning October 1, 2000 dissolved oxygen, percent saturation was computed using a barometric pressure of 760mm Hg. Daily records of water temperature for water years 1947 and 1955 are available in the files of the District Office in Raleigh, NC.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE, microsiemens	291, September 3, 2002	38, April 12, 13, 14, 2003
pH, standard units	9.6, August 25, 2002	5.6, August 13, 14, 2003
WATER TEMPERATURE, °C	32.3, July 31, 2002	2.5, January 28, 2003
DISSOLVED OXYGEN, mg/L	13.4, January 30, 2001, January 28, 29, 2003	1.3, June 14, 2002
DISSOLVED OXYGEN, PERCENT SATURATION,%	130, July 16, 2000	17, June 14, 2002
TURBIDITY, NTU	420, January 24, 2002	0.9, May 19, 2002

EXTREMES FOR CURRENT YEAR.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE, microsiemens	132, December 7, 8	82, October 14, 16
pH, standard units	7.6, February 3	5.9, October 31, November 1
WATER TEMPERATURE, °C	21.4, October 1	3.4, January 30
DISSOLVED OXYGEN, mg/L	13.3, February 2, 3, 4	6.1, October 12, 13
DISSOLVED OXYGEN, PERCENT SATURATION,%	104, February 3, 4	64, November 22, 26, 27, 29, December 1









