

CAPE FEAR RIVER BASIN

02098198 HAW RIVER BELOW B. EVERETT JORDAN DAM NEAR MONCURE, NC

LOCATION.--Lat 35°39'11", long 79°04'03", Chatham County, Hydrologic Unit 03030002, on right bank, 300 ft downstream of B. Everett Jordan Dam, 2.5 mi north of Moncure, and 4.2 mi upstream from mouth.

DRAINAGE AREA.--1689 mi<sup>2</sup>.

PERIOD OF RECORD.--Water years 1973-75, 1980-86, 1989 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: July 1973 to September 1975, April 1980 to September 1984.

WATER TEMPERATURE: July 1973 to September 1975, April 1980 to September 1984.

INSTRUMENTATION.--Water-quality monitor from October 1981 to September 1984.

REMARKS.--Station operated to define water quality as part of a six-county regional surface-water quality assessment. Instantaneous discharge values were obtained from the U.S. Army Corps of Engineers. These discharge values are based on the 2400 hour release from the B. Everett Jordan Lake.

COOPERATION.--Samples for October 1994 and April 1995 were collected by the North Carolina Department of Environment, Health, and Natural Resources. A GC/FID scan for trace organic compounds was performed on these samples by the U.S. Geological Survey National Water Quality Lab. Results may be obtained from the District office in Raleigh.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 572 microsiemens, Nov. 11, 1973, minimum, 23 microsiemens, July 29, 1982.

WATER TEMPERATURE: Maximum daily, 33.0°C, Aug. 8, 1980; minimum daily, 1.0°C, Dec. 27, 29, 1980, Jan. 5, 6, 13-18, 1981.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS- CHARGE, IN CUBIC FEET PER SECOND (00060)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
OCT 24...	1145	384	--	7.4	18.0	8.9
APR 27...	1200	390	160	6.9	17.0	8.7

