

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

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1973-75, 1980-86, 1989-1995, 2004.

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 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 daily, 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 2003 TO SEPTEMBER 2004

Date	Time	Color, water, fltrd, Pt-Co units (00080)	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 unfltrd uS/cm 25 degC (00095)	Temperature, deg C (00010)	Hardness, water, mg/L as CaCO3 (00900)	Calcium, water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	
Date		ANC, wat unfltrd, field, mg/L as CaCO3 (00419)	Bicarbonate, wat unfltrd, field, mg/L (00450)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate, water, fltrd, mg/L (00945)	Residue at evap., wat fltrd (70300)	Ammonia + org-N, unfltrd, mg/L as N (00625)	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)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd, mg/L (00665)
Date		Organic carbon, water, unfltrd, mg/L (00680)	Aluminum, water, unfltrd, recoverable, ug/L (01105)	Arsenic, water, unfltrd, ug/L (01002)	Cadmium, water, unfltrd, ug/L (01027)	Chromium, water, unfltrd, recoverable, ug/L (01034)	Cobalt, water, unfltrd, recoverable, ug/L (01037)	Copper, water, unfltrd, recoverable, ug/L (01042)	Iron, water, unfltrd, recoverable, ug/L (01045)	Lead, water, unfltrd, recoverable, ug/L (01051)	Manganese, water, unfltrd, recoverable, ug/L (01055)	Mercury, water, unfltrd, recoverable, ug/L (71900)	Molybdenum, water, unfltrd, recoverable, ug/L (01062)	Nickel, water, unfltrd, recoverable, ug/L (01067)
Date							Selenium, water, unfltrd, ug/L (01147)	Silver, water, unfltrd, recoverable, ug/L (01077)	Zinc, water, unfltrd, recoverable, ug/L (01092)	Suspended sediment concentration, mg/L (80154)				
SEP 09...	0900	150	754	8.7	104	7.0	110	23.9	26	6.21	2.55	3.95	10.0	
SEP 09...	26	32	8.05	<.2	10.3	9.1	85	.93	.101	.544	.009	.067	.23	
SEP 09...	14.1	899	E1	.05	1.6	1.49	4.5	1,670	1.95	249	<.02	1.2	1.83	
SEP 09...							<.4	<.16	9	59				

Remark codes used in this table:
 < -- Less than
 E -- Estimated value