

## CAPE FEAR RIVER BASIN

02097521 MORGAN CREEK NEAR FARRINGTON, NC

LOCATION.--Lat 35°51'48", long 79°00'35", Chatham County, Hydrologic Unit 03030002, at bridge on Secondary Road 1726, 2 mi above Cub Creek, and 4 mi north of Farrington.

DRAINAGE AREA.--45.6 mi<sup>2</sup>.

PERIOD OF RECORD.--Water years 1989 to current year.

REMARKS.--Station operated to define water quality as part of a six-county regional surface-water quality assessment. Instantaneous discharge values are from gaging station Morgan Creek near Chapel Hill (02097517).

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.

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

| DATE         | TIME | DIS-<br>CHARGE,<br>INST.<br>CUBIC<br>FEET<br>PER<br>SECOND<br>(00061) | SPE-<br>CIFIC<br>CON-<br>DUCT-<br>ANCE<br>(US/CM)<br>(00095) | PH<br>WATER<br>WHOLE<br>FIELD<br>(STAND-<br>ARD<br>UNITS)<br>(00400) | TEMPER-<br>ATURE<br>WATER<br>(DEG C)<br>(00010) | OXYGEN,<br>DIS-<br>SOLVED<br>(MG/L)<br>(00300) |
|--------------|------|-----------------------------------------------------------------------|--------------------------------------------------------------|----------------------------------------------------------------------|-------------------------------------------------|------------------------------------------------|
| OCT<br>24... | 1115 | 25                                                                    | 329                                                          | 7.1                                                                  | 16.0                                            | 6.1                                            |
| APR<br>27... | 1200 | 16                                                                    | 287                                                          | 7.2                                                                  | 17.0                                            | 7.5                                            |