



Water-Data Report 2009

**02097521 MORGAN CREEK NEAR FARRINGTON, NC**

Cape Fear Basin  
Haw Subbasin

LOCATION.--Lat 35°51'48", long 79°00'35" referenced to North American Datum of 1927, Chatham County, NC, Hydrologic Unit 03030002, at bridge on Secondary Road 1726, 2 mi upstream from Cub Creek and 4 mi north of Farrington.

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

**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--Water years 1989-95, 2009.

REMARKS.--Station operated to define water quality as part of a regional surface-water quality assessment.

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Part 1 of 2  
[Remark codes: <, less than.]

Date	Time	Medium name	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd std units (00400)	Specif- ic conduc- tance, wat unf μS/cm @ 25 degC (00095)	Temper- ature, water, deg C (00010)	Sulfate water, fltrd, mg/L (00945)	Mercury bed sedimnt total digest μg/g (01385)
May										
28...	1115	Bottom material	--	--	--	--	--	--	--	.82
28...	1145	Surface water	754	7.1	83	7.3	471	22.8	67.4	--

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Part 2 of 2  
[Remark codes: <, less than.]

Date	Mercury water, recover fltrd, μg/L (71890)	Mercury water, unfltrd recover- able, μg/L (71900)	Organic carbon, bed sedimnt percent (01395)	Organic carbon, water, fltrd, mg/L (00681)	Bed sedi- ment, wet sieved, percent <.062mm (69589)	Data base number
May						
28...	--	--	.9	--	47	01
28...	<.010	.011	--	5.1	--	01