



Water-Data Report 2007

0208739670 NEUSE RIVER TRIBUTARY NEAR AUBURN, NC

Neuse Basin
Upper Neuse Subbasin

LOCATION.--Lat 35°43'10", long 78°30'02" referenced to North American Datum of 1983, Wake County, NC, Hydrologic Unit 03020201, located on right bank, 1,000 ft northwest of well cluster WC-2 at the Raleigh Hydrogeologic research station.

DRAINAGE AREA.--0.079 mi².

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 2006, 2007.

REMARKS.--Periodically sampled as part of the Piedmont/Mountains ground-water study.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Part 1 of 2
[Remark codes: E, estimated.]

Date	Time	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif- ic conduc- tance, wat unf µS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)	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)	Total nitro- gen, wat flt by anal mg/L (62854)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Rn-222 2-sigma water, unfltrd pCi/L (76002)
Sep 10...	1230	754	8.6	96	6.7	729	20.1	E.011	74.7	.009	88.1	.013	31

**WATER-QUALITY
DATA
WATER YEAR
OCTOBER 2006 TO
SEPTEMBER 2007**

Part 2 of 2
[Remark codes:
E, estimated.]

Date	Rn-222, water, unfltrd pCi/L (82303)
Sep 10...	1,010