



Water-Data Report 2009

**362231079310804 Local number RK-242, NCDENR UPPER PIEDMONT RESEARCH STATION, MW-S3D,
NEAR REIDSVILLE, NC (BEDROCK)**

Piedmont and Blue Ridge crystalline-rock aquifers
Felsic Gneiss

Rockingham County, NC

LOCATION.--Lat 36°22'32", long 79°41'08" referenced to North American Datum of 1983, Rockingham County, NC, Hydrologic Unit 03010103, 0.2 mi north of Wentworth Road (Secondary Road 1998), 0.5 mi west of U.S. Highways 158/29 and 1.5 mi northwest of Reidsville on North Carolina State University Research Farm. Owner: NCDENR (North Carolina Department of Environment and Natural Resources), Division of Water Quality.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 438 ft. Upper casing diameter 6.25 in; top of first opening 87.5 ft, bottom of last opening 438 ft. [REPLACE AUTOGENERATED ZONE]Drilled observation well, depth 438 ft, diameter 6.25 in., cased to 87.5 ft, open hole from 87.5 to 438 ft.

DATUM.--Land-surface datum is 705.48 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of protective steel casing at lock bracket, 2.94 ft above land-surface datum, May 6, 2002, to present.

PERIOD OF RECORD.--May 2002 to September 2009 (discontinued).

GAGE.--Measured periodically with electric tape by NCDENR, Division of Water Quality.

REMARKS.--Well is part of Piedmont/Mountains ground-water study.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.52 ft below land-surface datum, July 7, 2003; lowest water level measured, 26.29 ft below land-surface datum, October 23, 2002.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

Date	Water level	Date	Water level
Oct 31, 2008	25.67	Apr 30, 2009	22.97
Nov 26	25.70	May 29	22.86
Dec 31	25.04	Jun 30	23.27
Jan 30, 2009	24.31	Jul 31	23.88
Feb 27	24.03	Aug 31	24.51
Mar 31	23.43		

Highest: 22.86 May 29, 2009

Lowest: 25.70 Nov 26, 2008

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