

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.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Drilled observation well, depth 438 ft, diameter 6.25 in., cased to 87.5 ft, open hole from 87.5 ft 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 current year.

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
Nov 29, 2007	25.7	May 30, 2008	24.07
Dec 27	25.83	Jun 30	24.31
Jan 30, 2008	25.82	Jul 31	24.87
Feb 29	25.53	Sep 5	25.54
Mar 31	25.10	30	25.69
Apr 26	24.50		

Highest: 24.07 May 30, 2008

Lowest: 25.83 Dec 27, 2007

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