

Water-Data Report 2008

**362323079421201 Local number RK-235, NCDENR Upper Piedmont Research Station MW-N4I near
Reidsville, NC (Transition Zone)**

Piedmont and Blue Ridge crystalline-rock aquifers
Saprolite

Rockingham County, NC

LOCATION.--Lat 36°23'23", long 79°42'13" referenced to North American Datum of 1983, Rockingham County, NC, Hydrologic Unit 03010103, 0.6 mi north of Wentworth Street, 0.6 mi west of Secondary Road 1993 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 70 ft, diameter 6.25 in., cased to 44 ft, open hole from 44 ft to 70 ft.

DATUM.--Land-surface datum is 839.63 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of protective steel casing at lock bracket, 2.80 ft above land-surface datum, August 2, 2005, to present. February 2005 to August 2005, floor of shelter, 2.85 ft above land-surface datum. Shelter removed August 2005, measuring point returned to 2.80 ft above land-surface datum.

PERIOD OF RECORD.--June 2002 to current year. Continuous record February 2005 to August 2005.

GAGE.--Measured periodically with electric tape.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.36 ft below land-surface datum, July 7, 2003; lowest water level measured, 37.54 ft below land-surface datum, October 23, 2002.

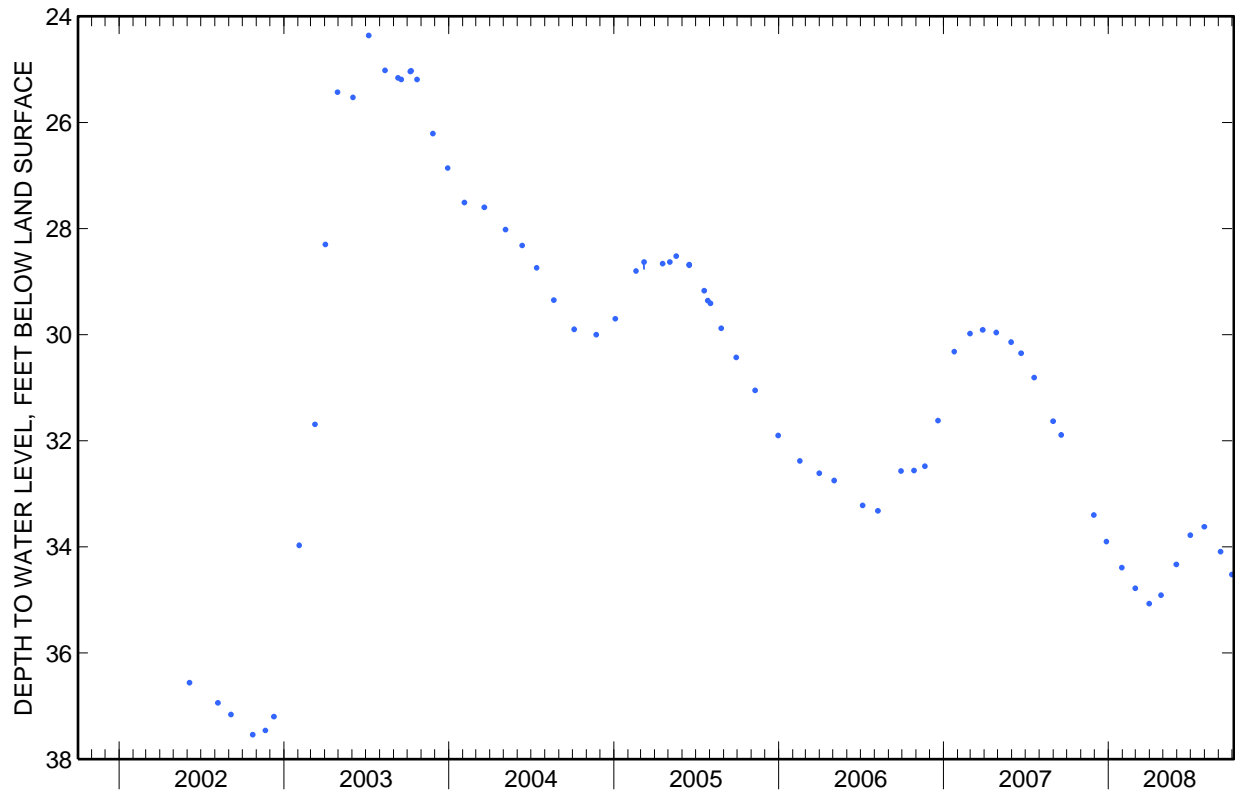
WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

Date	Water level	Date	Water level
Nov 29, 2007	33.4	May 30, 2008	34.33
Dec 27	33.9	Jun 30	33.78
Jan 30, 2008	34.39	Jul 31	33.62
Feb 29	34.78	Sep 5	34.09
Mar 31	35.07	30	34.52
Apr 26	34.91		

Highest: 33.4 Nov 29, 2007

Lowest: 35.07 Mar 31, 2008

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