362226079410103 Local number RK-245, NCDENR Upper Piedmont Research Station MW-S4D near Reidsville, NC (Bedrock)

Piedmont and Blue Ridge crystalline-rock aquifers
Felsic Gneiss

Rockingham County, NC

LOCATION.--Lat 36°22′26″, long 79°41′01″ referenced to North American Datum of 1983, Rockingham County, NC, Hydrologic Unit 03010103, 0.1 mi north of Secondary Road 1998, 0.1 mi west of North Carolina Highway 14, and 1.3 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 380 ft, diameter 6.25 in., cased to 77 ft, open hole from 77 ft to 380 ft.

DATUM.--Land-surface datum is 659.57 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of protective steel casing at lock bracket, 3.02 ft above land-surface datum, May 6, 2002, to present.

PERIOD OF RECORD.--May 2002 to current year. Continuous record May 2003 to October 2004.

GAGE.--Measured periodically with electric tape.

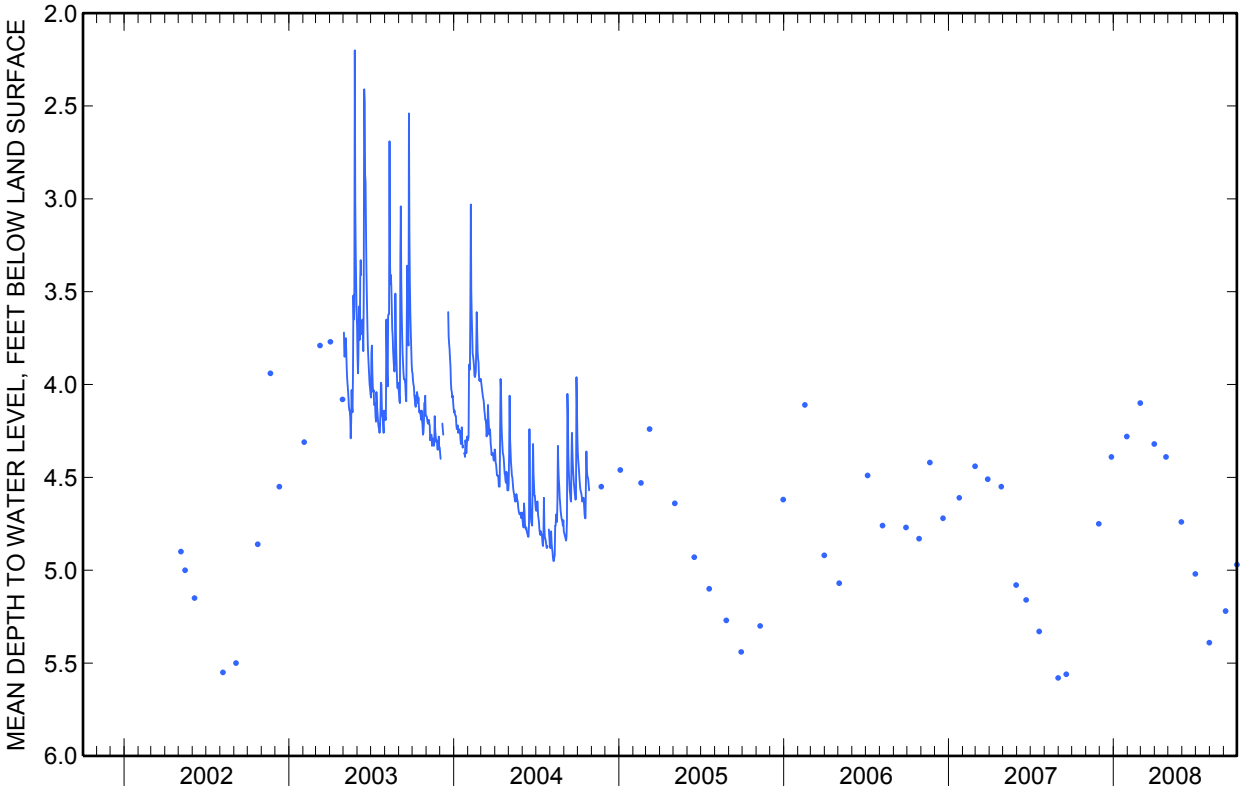
REMARKS.--Well is part of Piedmont/Mountains ground-water study. Well is located in close proximity to Wolf Island Creek.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 1.40 ft below land-surface datum, May 26, 2003; lowest water level measured, 5.58 ft below land-surface datum, August 31, 2007.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

Date	Water level	Date	Water level
Nov 29, 2007	4.75	May 30, 2008	4.74
Dec 27	4.39	Jun 30	5.02
Jan 30, 2008	4.28	Jul 31	5.39
Feb 29	4.10	Sep 5	5.22
Mar 31	4.32	30	4.97
Apr 26	4.39		

Highest: 4.10 Feb 29, 2008

Lowest: 5.39 Jul 31, 2008

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