



Water-Data Report 2006

354359078403104 Local number WK-283, DENR Lake Wheeler Research Station MW-2D (Bedrock well).

Piedmont and Blue Ridge crystalline-rock aquifers
 Felsic Metagneous Rock
 Wake County, NC

LOCATION.--Lat 35°43'59", long 78°40'32" referenced to North American Datum of 1983, Wake County, NC, Hydrologic Unit 03020201, .6 mi south of Tryon Road, .2 mi east of Lake Wheeler Road on North Carolina State University Research Farm. Owner: DENR (North Carolina Department of Environment and Natural Resources), Division of Water Quality.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Drilled observation well, depth 601 ft, diameter 6 in., cased to 80 ft, open hole from 80 to 447 ft, hole collapsed from 447 to 601 ft.

DATUM.--Land-surface datum is 359.77 ft above NGVD of 1929. Measuring point: Top of casing, 1.90 ft above land-surface datum.

PERIOD OF RECORD.--July 2001 to current year. Continuous record May 2003 to September 2003.

GAGE.--Measured periodically with electric tape (by DENR and USGS).

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 29.02 ft below land-surface datum, Sept. 18, 2003; lowest water level measured, 31.60 ft below land-surface datum, Aug. 22, 2002.

**WATER LEVELS IN FEET BELOW LAND SURFACE DATUM
 WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

[Measurement method: T, electric tape; . Water-level status: --, static.]

Date	Water level	Measure-ment method	Water level status	Date	Water level	Measure-ment method	Water level status
Oct 13	30.75	T	--	Mar 10	30.3	T	--
Nov 14	30.88	T	--				

Water year 2006 highest: 30.3 Mar 10, 2006; lowest: 30.88 Nov 14, 2005

Period of record highest: 29.33 Sep 26, 2003; lowest: 31.60 Aug 22, 2002

Record available from Jul 03, 2001, to Mar 10, 2006; 50 entries

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