353145080524401 Local number IR-136, DENR Langtree Research Station GP-4

Piedmont and Blue Ridge crystalline-rock aquifers
Quaternary Saprolite

Iredell County, NC

LOCATION.--Lat 35°31′45″, long 80°52′44″ referenced to North American Datum of 1983, Iredell County, NC, Hydrologic Unit 03050101, .3 mi north of Langtree Road, .9 mi west of Interstate 77 on Lake Campus Road. Owner: DENR (North Carolina Department of Environment and Natural Resources), Division of Water Quality.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Drilled observation well, depth 34 ft, diameter 0.5 in., cased to 25 ft, open hole from 25 to 34 ft.

DATUM.--Land-surface datum is 793.08 ft above NGVD of 1929. Measuring point: Top of PVC casing, 2.68 ft above land-surface datum.

PERIOD OF RECORD.--October 2000 to current year.

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

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 21.87 ft below land-surface datum, June 23, 2003; lowest water level measured, 31.72 ft below land-surface datum, Oct. 18, 2002.

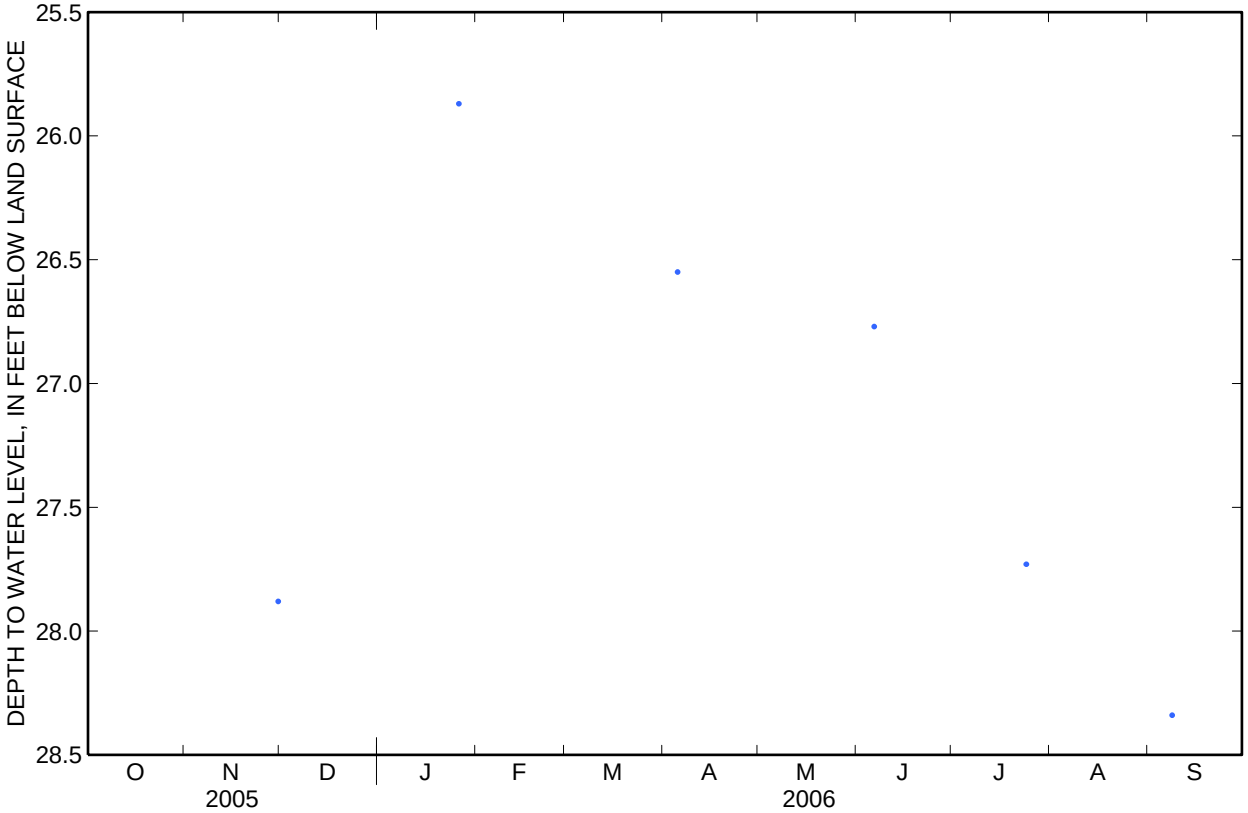
WATER LEVELS IN FEET BELOW LAND SURFACE DATUM
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

[Measurement method: S, steel tape; 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
Nov 30	27.88	S	--	Jun 6	26.77	S	--
Jan 26	25.87	S	--	Jul 24	27.73	S	--
Apr 5	26.55	S	--	Sep 8	28.34	T	--

Water year 2006 highest: 25.87 Jan 26, 2006; lowest: 28.34 Sep 08, 2006

Period of record highest: 21.87 Jun 23, 2003; lowest: 31.72 Oct 18, 2002

Record available from Oct 18, 2000, to Sep 08, 2006; 63 entries

353145080524401 Local number IR-136, DENR Langtree Research Station GP-4—Continued