

IREDELL COUNTY—Continued

353144080524601. County number, IR-133; DENR Langtree Research Station GP-1.

LOCATION.--Lat 35°31'44", long 80°52'47", 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.

AQUIFER.--Regolith (saprolitic Quartz Diorite).

WELL CHARACTERISTICS.--Drilled observation well, depth 38.5 ft, diameter 0.5 in., cased to 29.5 ft, open hole from 29.5 to 38.5 ft.

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

DATUM.--Land-surface datum is 805.10 ft above NGVD of 1929. Measuring point: Top of PVC casing, 2.85 ft below land-surface datum.

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

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.27 ft below land-surface datum, Sept. 23, 2003; lowest water level measured, 37.20 ft below land-surface datum, April 24, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 10	31.65	JAN 13	30.89	MAR 15	30.90	MAY 23	30.12	JUL 28	31.11

