

GROUND-WATER LEVELS  
 IREDELL COUNTY—Continued

353148080524901. County number, IR-134; DENR Langtree Research Station GP-2.

LOCATION.--Lat 35°31'48", long 80°52'49", 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 36 ft, diameter 0.5 in., cased to 27 ft, open hole from 27 to 36 ft.

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

DATUM.--Land-surface datum is 793.48 ft above NGVD of 1929. Measuring point: Top of PVC casing, 3.15 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, 27.13 ft below land-surface datum, June 23, 2003; lowest water level measured, 34.66 ft below land-surface datum, Nov. 22, 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	30.62	JAN 13	30.29	MAR 15	30.69	MAY 23	29.88	JUL 28	30.41

