

IREDELL COUNTY—Continued

353147080524401. County number, IR-141; DENR Langtree Research Station WL-1.

LOCATION.--Lat 35°31'48", long 80°52'44", 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 35 ft, diameter 1 in., cased to 20 ft, open hole from 20 to 35 ft.

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

DATUM.--Land-surface datum is 784.27 ft above NGVD of 1929. Measuring point: Top of PVC casing, 2.90 ft below land-surface datum.

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

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.80 ft below land-surface datum, June 23, 2003; lowest water level measured, 26.65 ft below land-surface datum, Oct. 18, 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	21.41	JAN 13	21.22	MAR 15	21.44	MAY 23	20.72	JUL 28	22.15

