

IREDELL COUNTY--Continued

353148080524701. County number, IR-154; DENR Langtree Research Station MW-5S (Regolith well).

LOCATION.--Lat 35°31'47.94", long 80°52'47.06", North American Datum of 1983, Hydrologic Unit 03050101, 2.5 mi northwest of Davidson, .3 mi north of Langtree Road at Davidson College Lake Campus. 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 20 ft, diameter 4 in., cased to 10 ft, screened interval from 10 to 20 ft, sand filter packed from 8 to 20 ft.

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

DATUM.--Land surface datum is 785.49 ft above NGVD of 1929, (levels by DENR). Measuring point: Top of 4 in. PVC casing, 0.00 ft above land surface datum.

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

PERIOD OF RECORD.--May 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Well dry during periodic water-level measurements May 2001 to September 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04	Dry	DEC 12	Dry	FEB 21	Dry	APR 24	Dry	JUN 12	Dry	AUG 13	Dry
NOV 14	Dry	JAN 17	Dry	MAR 22	Dry	MAY 15	Dry	JUL 11	Dry	SEP 17	Dry