

GROUND-WATER LEVELS

IREDELL COUNTY--Continued

353141080524701. County number, IR-145; DENR Langtree Research Station MW-1 (Regolith well).

LOCATION.--Lat 35°31'41.01", long 80°52'46.82", North American Datum of 1983, Hydrologic Unit 03050101, 2.5 mi northwest of Davidson, .2 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 38 ft, diameter 4 in., cased to 28 ft, screened interval from 28 ft to 38 ft, sand filter packed from 26 ft to 38 ft.

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

DATUM.--Land surface datum is 812.17 ft above sea level, (levels by DENR). Measuring point: Top of 4 in. PVC casing, 2.43 ft above land surface datum.

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

PERIOD OF RECORD.--January 2001 to September 2001.

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

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

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 04	Dry	FEB 01	Dry	FEB 23	Dry	MAR 21	Dry	MAY 15	Dry	AUG 20	Dry
11	Dry	07	Dry	MAR 08	Dry	27	Dry	JUN 19	Dry		
24	Dry	15	Dry	14	Dry	APR 11	Dry	JUL 31	Dry		