

**350159083270102 Local number MA-086, NCDENR Coweeta Research Station MW-4D near Otto, NC
(Bedrock)**

Piedmont and Blue Ridge crystalline-rock aquifers
Felsic Gneiss

Macon County, NC

LOCATION.--Lat 35°01'58.9", long 83°27'01.4" referenced to North American Datum of 1983, Macon County, NC, Hydrologic Unit 06010202, 3.8 mi west of U.S. Highways 441-23 on Coweeta Lab Road at Coweeta Hydrologic Laboratory near Otto. Owner: NCDENR (North Carolina Department of Environment and Natural Resources), Division of Water Quality.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Drilled observation well, depth 600 ft, diameter 6 in., cased to 69.5 ft, open hole from 69.5 ft to 600 ft.

DATUM.--Land-surface datum is 3,800.01 ft above North American Vertical Datum of 1988. Measuring point: top of steel casing, 2.73 ft above land-surface datum, September 22, 2006, to present. .

PERIOD OF RECORD.--August 2007 to current year.

GAGE.--Measured periodically with electric and steel tape (by USGS and NCDENR, Division of Water Quality).

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 210.07 ft below land-surface datum, August 30, 2007; lowest water level measured, 219.16 ft below land-surface datum, May 29, 2008.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

Date	Water level
May 29, 2008	219.16