



Water-Data Report 2009

352904082382002 Local number BU-092, NCDENR BENT CREEK RESEARCH STATION, PZ-4I, NEAR BENT CREEK, NC

Piedmont and Blue Ridge crystalline-rock aquifers
Saprolite

Buncombe County, NC

LOCATION.--Lat 35°29'04", long 82°38'20" referenced to North American Datum of 1983, Buncombe County, NC, Hydrologic Unit 06010105, 1.2 mi north of Blue Ridge Parkway, 2.5 mi southwest of Bent Creek in Bent Creek Research Forest. Owner: NCDENR (North Carolina Department of Environment and Natural Resources), Division of Water Quality.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Drilled observation well, depth 30 ft, diameter 2 in., cased to 25 ft, screened interval from 25 to 30 ft.

DATUM.--Land-surface datum is 2,232.28 ft above NGVD of 1929. Measuring point: Top of protective steel casing, 2.99 ft above land-surface datum.

PERIOD OF RECORD.--October 2004 to September 2009 (discontinued).

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

REMARKS.--Well is part of Piedmont/Mountains groundwater study.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.67 ft below land-surface datum, Aug. 31, 2005; lowest water level measured, 14.61 ft below land-surface datum, August 14, 2008.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

Date	Water level	Date	Water level
Nov 20, 2008	14.45	Jun 3, 2009	13.72
Jan 23, 2009	14.31	Jul 1	13.92
Mar 23	14.26	Aug 3	13.91
Apr 16	14.04		

Highest: 13.72 Jun 03, 2009

Lowest: 14.45 Nov 20, 2008

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