

**355429080492302 Local number IR-162, NCDENR Allison Woods Research Station MW-1I near
Turnersburg, NC (Transition Zone)**

Piedmont and Blue Ridge crystalline-rock aquifers
Transition Zone

Iredell County, NC

LOCATION.--Lat 35°54'29.90", long 80°49'23.16" referenced to North American Datum of 1983, Iredell County, NC, Hydrologic Unit 03040102, 1.7 mi east of U.S. Interstate 77, 0.4 mi north of U.S. Highway 21 on Allison Woods Foundation property. Owner: NCDENR (North Carolina Department of Environment and Natural Resources), Division of Water Quality.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Drilled observation well, depth 70 ft, diameter 4 in., cased to 55 ft, screened interval from 55 ft to 70 ft, sand filter packed from 46 ft to 70 ft.

DATUM.--Land-surface datum is 899.11 ft above North American Vertical Datum of 1988. Measuring point: mark on pvc, 2.75 ft above land-surface datum, May 12, 2006, to present.

PERIOD OF RECORD.--May 2006 to current year.

GAGE.--Measured periodically with electric 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, 41.58 ft below land-surface datum, May 12, 2006; lowest water level measured, 46.37 ft below land-surface datum, September 4, 2008.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

Date	Water level	Date	Water level
Oct 16, 2007	42.44	Apr 21, 2008	44.97
31	42.65	May 14	45.27
Nov 15	42.75	Jun 12	45.61
30	43.18	30	45.75
Dec 20	43.35	Jul 18	45.94
Jan 25, 2008	44.07	29	46.06
Feb 21	44.3	Sep 4	46.37
Mar 28	44.61		

Highest: 42.44 Oct 16, 2007

Lowest: 46.37 Sep 04, 2008

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