

GROUND-WATER LEVELS

ROCKINGHAM COUNTY

362335079421701. County number, RK-157; DENR Upper Piedmont Research Station PZ-1.

LOCATION.--Lat 36°23'35", long 79°42'17", Hydrologic Unit 03010103, .6 mi north of Wentworth St, .6 mi west of Secondary Road 1993 on North Carolina State University Research Farm. Owner: DENR (North Carolina Department of Environment and Natural Resources), Division of Water Quality.

AQUIFER.--Regolith (saprolitic Biotite Gneiss).

WELL CHARACTERISTICS.--Drilled observation well, depth 50 ft, diameter 2 in., cased to 40 ft, screened interval from 40 ft to 50 ft, sand filter packed from 38 ft to 50 ft.

INSTRUMENTATION.--Measured periodically with electric tape by DENR.

DATUM.--Land-surface datum is 675.95 ft above NGVD of 1929. Measuring point: Top of protective steel casing, 2.33 ft above land-surface datum.

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

PERIOD OF RECORD.--June 2003 to September 2004.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.98 ft below land-surface datum, Aug. 12, 2003, Feb. 4, 2004; lowest water level measured 9.58 ft below land-surface datum, Sept. 12, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 02	8.26	JUN 02	8.26	JUL 07	8.35	AUG 12	7.98	SEP 10	8.35	SEP 17	9.58

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 26	8.56	FEB 04	7.98	JUN 11	8.71	AUG 20	8.17
DEC 29	8.28	MAY 05	8.20	JUL 13	8.76		

