

## ROCKINGHAM COUNTY—Continued

362323079421202. County number, RK-236; DENR Upper Piedmont Research Station MW-N4D (Bedrock well).

LOCATION.--Lat 36°23'23", long 79°42'13", Hydrologic Unit 03010103, .6 mi north of Wentworth Street, .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.--Biotite Gneiss.

WELL CHARACTERISTICS.--Drilled observation well, depth 300 ft, diameter 6 in., cased to 80 ft, open hole from 80 to 300 ft.

INSTRUMENTATION.--Walter-level recorder collecting data at 60-minute intervals.

DATUM.--Land-surface datum is 840.19 ft above NGVD of 1929. Measuring point: Top of protective steel casing, 2.58 ft above land-surface datum.

REMARKS.--Well is part of Piedmont/Mountains ground-water study. During period of continuous record, Feb. 2005 to Aug. 2005, measuring point floor of shelter, 2.63 ft above land-surface datum. Shelter removed Aug. 2005 and measuring point returned to 2.58 ft above land-surface datum.

PERIOD OF RECORD.--June 2002 to current year. Continuous record February 2005 to August 2005.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 32.34 ft below land-surface datum, Oct. 7, 2003; lowest water level measured, 43.96 ft below land-surface datum, Sept. 5, 2002.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	35.61	35.42	35.44	35.58	35.90	36.65	---
2	---	---	---	---	---	35.65	35.32	35.44	35.57	35.95	---	---
3	---	---	---	---	---	35.65	35.44	35.46	35.59	36.01	---	---
4	---	---	---	---	---	35.62	35.47	35.50	35.58	36.03	---	---
5	---	---	---	---	---	35.62	35.48	35.49	35.60	36.00	---	---
6	---	---	---	---	---	35.64	35.45	35.43	35.60	36.02	---	---
7	---	---	---	---	---	35.58	35.40	35.42	35.60	36.04	---	---
8	---	---	---	---	---	---	35.38	35.42	35.60	36.08	---	---
9	---	---	---	---	---	35.65	35.45	---	35.61	36.11	---	---
10	---	---	---	---	---	35.59	35.45	---	35.59	36.14	---	---
11	---	---	---	---	---	35.53	35.42	---	35.64	36.24	---	---
12	---	---	---	---	---	35.61	35.41	---	35.64	36.24	---	---
13	---	---	---	---	---	35.66	35.39	---	35.62	36.24	---	---
14	---	---	---	---	---	35.70	35.43	---	35.62	36.26	---	---
15	---	---	---	---	---	35.72	35.48	---	35.61	36.30	---	---
16	---	---	---	---	---	35.69	35.47	---	35.62	36.33	---	---
17	---	---	---	---	---	35.68	35.42	---	35.67	36.34	---	---
18	---	---	---	---	---	35.66	35.39	---	35.70	36.36	---	---
19	---	---	---	---	---	35.65	35.39	35.48	35.74	36.37	---	---
20	---	---	---	---	---	35.62	35.38	35.44	35.80	36.39	---	---
21	---	---	---	---	---	35.63	35.37	35.49	35.76	36.40	---	---
22	---	---	---	---	---	35.64	35.36	35.45	35.79	36.41	---	---
23	---	---	---	---	---	35.53	35.34	35.41	35.85	36.46	---	---
24	---	---	---	---	35.63	35.64	35.39	35.50	35.87	36.48	---	---
25	---	---	---	---	35.67	35.63	35.43	35.54	35.86	36.46	---	---
26	---	---	---	---	35.68	35.64	35.43	35.55	35.86	36.49	---	---
27	---	---	---	---	35.65	35.60	35.42	35.55	35.89	36.52	---	---
28	---	---	---	---	35.55	35.44	35.46	35.54	35.89	36.57	---	---
29	---	---	---	---	---	35.52	35.41	35.55	35.90	36.59	---	---
30	---	---	---	---	---	35.51	35.38	35.53	35.90	36.60	---	---
31	---	---	---	---	---	35.47	---	35.55	---	36.62	---	---

WTR YR 2005 MEAN 35.72 HIGH 35.32 LOW 36.65

GROUND-WATER LEVELS  
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