

GROUND-WATER LEVELS  
WAKE COUNTY—Continued

354328078295701. County number, WK-328; Raleigh Hydrogeologic Research Station WC-1S (Regolith).

LOCATION.--Lat 35°43'28", long 78°29'57", Hydrologic Unit 03020201, 9.3 mi east south east of Raleigh. Owner: DENR (North Carolina Department of Environment and Natural Resources), Division of Water Quality.

AQUIFER.--Regolith.

WELL CHARACTERISTICS.--Drilled observation well, depth 28 ft, diameter 4 in., cased to 13 ft, screened interval from 13 to 28 ft, sand filter packed from 9 to 33 ft.

INSTRUMENTATION.--Water-level recorder collecting data at 30-minute intervals.

DATUM.--Land-surface datum is 152.10 ft above NGVD of 1929. Measuring point: Top of PVC casing, 2.50 ft above land-surface datum.

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

PERIOD OF RECORD.--May 2005 to September 2005.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 21.29 ft below land-surface datum, May 3, 7, 2005; lowest water level recorded, 23.76 ft below land-surface datum, Sept. 30, 2005.

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	---	---	---	---	---	---	---	---	---	22.66	22.76	23.30
2	---	---	---	---	---	---	---	---	---	22.68	22.79	23.32
3	---	---	---	---	---	---	---	---	---	22.70	---	23.33
4	---	---	---	---	---	---	---	21.39	22.24	22.71	---	23.35
5	---	---	---	---	---	---	---	21.42	22.27	22.72	---	23.37
6	---	---	---	---	---	---	---	21.39	22.29	22.74	---	23.38
7	---	---	---	---	---	---	---	21.31	22.31	22.77	---	23.39
8	---	---	---	---	---	---	---	21.38	22.05	22.69	---	23.40
9	---	---	---	---	---	---	---	21.45	22.02	22.65	---	23.41
10	---	---	---	---	---	---	---	21.50	22.06	22.67	---	23.43
11	---	---	---	---	---	---	---	21.55	22.11	22.71	---	23.45
12	---	---	---	---	---	---	---	---	22.18	22.75	---	23.45
13	---	---	---	---	---	---	---	---	22.23	22.79	---	23.46
14	---	---	---	---	---	---	---	---	22.28	22.81	---	23.47
15	---	---	---	---	---	---	---	---	22.33	22.84	---	23.49
16	---	---	---	---	---	---	---	---	22.37	22.87	---	23.49
17	---	---	---	---	---	---	---	---	22.41	22.89	---	23.51
18	---	---	---	---	---	---	---	---	22.44	22.89	---	23.52
19	---	---	---	---	---	---	---	---	22.46	22.90	---	23.53
20	---	---	---	---	---	---	---	---	22.48	22.80	---	23.54
21	---	---	---	---	---	---	---	---	22.51	22.76	---	23.50
22	---	---	---	---	---	---	---	---	22.52	22.80	---	23.48
23	---	---	---	---	---	---	---	---	22.55	22.78	---	23.52
24	---	---	---	---	---	---	---	---	22.57	22.80	---	23.55
25	---	---	---	---	---	---	---	---	22.58	22.85	---	23.56
26	---	---	---	---	---	---	---	---	22.60	22.91	23.22	23.55
27	---	---	---	---	---	---	---	---	22.62	22.94	23.23	23.57
28	---	---	---	---	---	---	---	---	22.62	22.97	23.24	23.58
29	---	---	---	---	---	---	---	---	22.58	22.92	23.26	23.59
30	---	---	---	---	---	---	---	---	22.62	22.79	23.26	23.61
31	---	---	---	---	---	---	---	---	---	22.77	23.27	---

WTR YR 2005 MEAN 22.80 HIGH 21.31 LOW 23.61

