

Water-Data Report 2012

355717078404001 Local number WK-422 NEAR RALEIGH, NC

Piedmont and Blue Ridge crystalline-rock aquifers
Schist

Wake County, NC

LOCATION.--Lat 35°57'17", long 78°40'40" referenced to North American Datum of 1983, Wake County, NC, Hydrologic Unit 03020201, 12 mi west-northwest of Raleigh.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Drilled well to 500 feet below land-surface. Diameter is 6 inches.

DATUM.--Land-surface datum is 341 ft above the North American Datum of 1988. Measuring point: top of casing 0.5 ft above land-surface, September 2011 to present.

PERIOD OF RECORD.--September 2011 to August 2012(discontinued). Continuous record September 2011 through April 2012.

GAGE.--Water-level recorder collecting data at 15-minute intervals. Satellite telemetry at site.

COOPERATION.--Water-level recorder was collected in cooperation with the Wake County Department of Environmental Services.

REMARKS.--Water levels are affected by pumping. Well is part of the Wake County groundwater observation network. The Wake County Department of Environmental Services began data collection on January 10, 2012.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 42 ft below land-surface datum, November 30, 2011;lowest water level recorded 140 ft below land-surface datum, October 7, 2011.

355717078404001 Local number WK-422 NEAR RALEIGH, NC—Continued

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
 WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
 DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	45
21	---	---	---	---	---	---	---	---	---	---	---	45
22	---	---	---	---	---	---	---	---	---	---	---	46
23	---	---	---	---	---	---	---	---	---	---	---	44
24	---	---	---	---	---	---	---	---	---	---	---	44
25	---	---	---	---	---	---	---	---	---	---	---	46
26	---	---	---	---	---	---	---	---	---	---	---	44
27	---	---	---	---	---	---	---	---	---	---	---	45
28	---	---	---	---	---	---	---	---	---	---	---	47
29	---	---	---	---	---	---	---	---	---	---	---	46
30	---	---	---	---	---	---	---	---	---	---	---	44
31	---	---	---	---	---	---	---	---	---	---	---	---
Mean	---	---	---	---	---	---	---	---	---	---	---	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---

355717078404001 Local number WK-422 NEAR RALEIGH, NC—Continued

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	48	45	---	44	45	---	45	---	---	---	---	---
2	57	44	---	45	46	48	45	---	---	---	---	---
3	56	45	---	46	46	45	---	---	---	---	---	---
4	54	45	---	45	44	46	---	---	---	---	---	---
5	53	46	---	45	45	48	---	---	---	---	---	---
6	52	45	---	47	45	45	---	---	---	---	---	---
7	56	46	---	47	44	45	---	---	---	---	---	---
8	61	45	---	45	43	48	---	---	---	---	---	---
9	48	44	44	48	44	45	---	---	---	---	---	---
10	48	52	47	46	44	46	---	---	---	---	---	---
11	48	45	46	44	43	48	---	---	---	---	---	---
12	51	44	45	48	45	45	---	---	---	---	---	---
13	45	45	47	46	44	45	---	---	---	---	---	---
14	52	46	45	46	46	47	---	---	---	---	---	---
15	50	45	44	49	45	44	---	---	---	---	---	---
16	48	45	47	47	44	46	---	---	---	---	---	---
17	48	46	46	44	45	49	---	---	---	---	---	---
18	49	44	44	48	46	45	---	---	---	---	---	---
19	47	45	47	46	45	45	---	---	---	---	---	---
20	46	46	45	45	46	48	---	---	---	---	---	---
21	45	45	44	49	---	45	---	---	---	---	---	---
22	47	46	46	47	---	45	---	---	---	---	---	---
23	46	44	45	45	---	47	---	---	---	---	---	---
24	45	43	44	48	---	46	---	---	---	---	---	---
25	58	46	46	46	---	45	---	---	---	---	---	---
26	47	45	44	45	---	48	---	---	---	---	---	---
27	51	46	44	48	---	45	---	---	---	---	---	---
28	45	48	47	47	---	45	---	---	---	---	---	---
29	46	45	45	45	---	48	---	---	---	---	---	---
30	46	---	44	45	---	45	---	---	---	---	---	---
31	45	---	47	45	---	46	---	---	---	---	---	---
Mean	50	---	---	46	---	---	---	---	---	---	---	---
Max	61	---	---	49	---	---	---	---	---	---	---	---
Min	45	---	---	44	---	---	---	---	---	---	---	---

355717078404001 Local number WK-422 NEAR RALEIGH, NC—Continued

