

Water-Data Report 2011

**355547078411301 Local number WK-421 BYRUM WOODS, RALEIGH, NC**

Piedmont and Blue Ridge crystalline-rock aquifers  
Schist

Wake County, NC

LOCATION.--Lat 35°55'47", long 78°41'13" 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 390 feet below land-surface. Diameter is 6 inches.

DATUM.--Land-surface datum is 376 ft above the North American Datum of 1988. Measuring point: top of casing 0.3 ft above land-surface, July 2011 to present.

PERIOD OF RECORD.--July to September 2011.

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

REMARKS.--Water levels may be affected by local pumping. Well is part of the Wake County groundwater observation network.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 49 ft below land-surface datum, August 21, September 18, 2011; lowest water level recorded 333 ft below land-surface datum, July 8, 2011.

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**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	---	---	---	---	---	---	---	---	---	---	203	132
2	---	---	---	---	---	---	---	---	---	---	187	130
3	---	---	---	---	---	---	---	---	---	---	184	139
4	---	---	---	---	---	---	---	---	---	---	212	162
5	---	---	---	---	---	---	---	---	---	---	215	163
6	---	---	---	---	---	---	---	---	---	---	234	187
7	---	---	---	---	---	---	---	---	---	---	218	171
8	---	---	---	---	---	---	---	---	---	301	210	158
9	---	---	---	---	---	---	---	---	---	290	198	153
10	---	---	---	---	---	---	---	---	---	273	215	141
11	---	---	---	---	---	---	---	---	---	263	212	144
12	---	---	---	---	---	---	---	---	---	226	213	156
13	---	---	---	---	---	---	---	---	---	208	236	141
14	---	---	---	---	---	---	---	---	---	198	221	145
15	---	---	---	---	---	---	---	---	---	185	208	82
16	---	---	---	---	---	---	---	---	---	156	186	57
17	---	---	---	---	---	---	---	---	---	142	161	51
18	---	---	---	---	---	---	---	---	---	140	93	52
19	---	---	---	---	---	---	---	---	---	125	60	97
20	---	---	---	---	---	---	---	---	---	131	52	122
21	---	---	---	---	---	---	---	---	---	159	52	133
22	---	---	---	---	---	---	---	---	---	145	91	157
23	---	---	---	---	---	---	---	---	---	137	108	151
24	---	---	---	---	---	---	---	---	---	167	112	122
25	---	---	---	---	---	---	---	---	---	158	133	130
26	---	---	---	---	---	---	---	---	---	138	146	135
27	---	---	---	---	---	---	---	---	---	139	139	137
28	---	---	---	---	---	---	---	---	---	164	121	165
29	---	---	---	---	---	---	---	---	---	174	105	168
30	---	---	---	---	---	---	---	---	---	179	111	151
31	---	---	---	---	---	---	---	---	---	205	132	---
<b>Mean</b>	---	---	---	---	---	---	---	---	---	---	160	134
<b>Max</b>	---	---	---	---	---	---	---	---	---	---	236	187
<b>Min</b>	---	---	---	---	---	---	---	---	---	---	52	51

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