

Water-Data Report 2011

355638078405301 Local number WK-381 NORWOOD OAKS, RALEIGH, NC

Piedmont and Blue Ridge crystalline-rock aquifers
Schist

Wake County, NC

LOCATION.--Lat 35°56'38.07", long 78°40'52.88" referenced to North American Datum of 1983, Wake County, NC, Hydrologic Unit 03020201, 12 mi west-northwest of Raleigh, NC.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Drilled well to 505 feet below land surface. Diameter is 6 inches.

DATUM.--Land-surface datum is 415 ft above the North American Datum of 1988. Measuring point: top of casing 1.0 ft above land-surface, March 2008 to present.

PERIOD OF RECORD.--March 2008 to current year. Continuous record began 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.

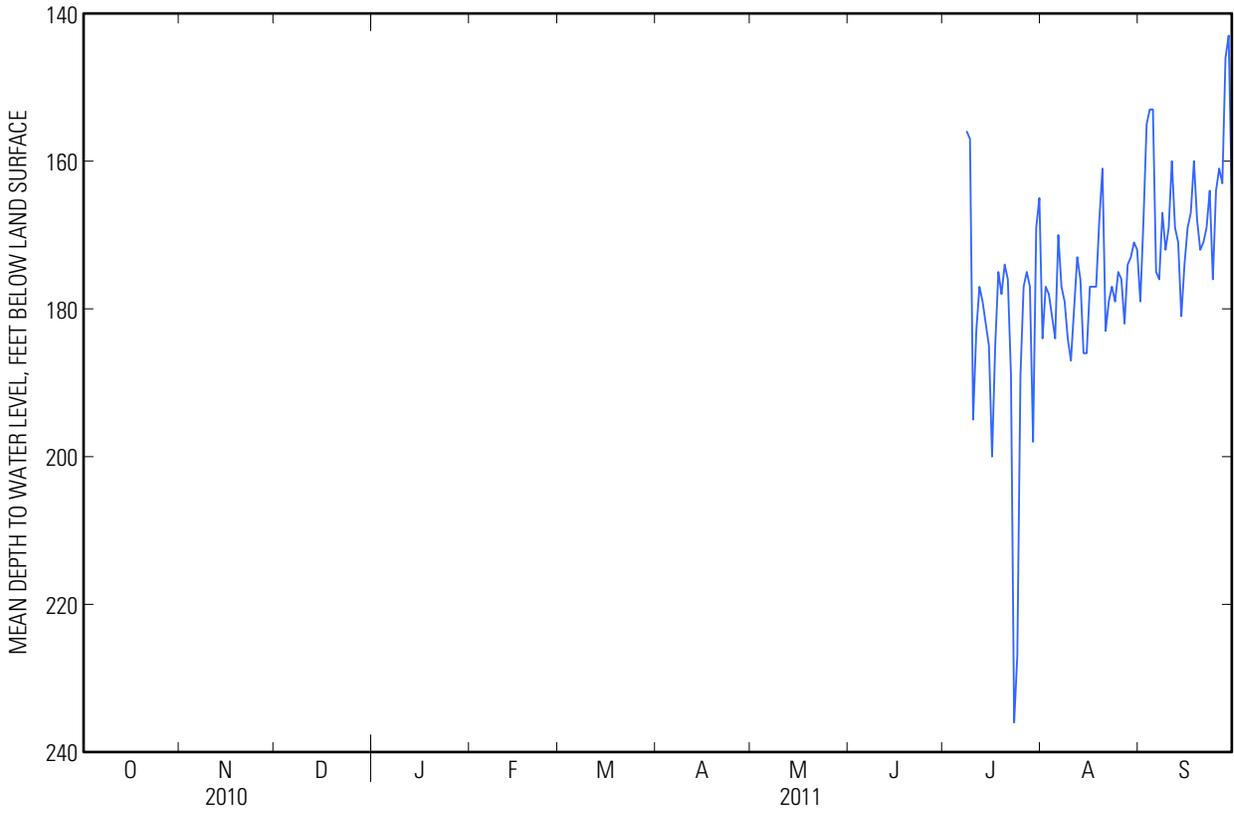
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 118 ft below land-surface datum, March 28, 2008; lowest water level recorded, 311 ft below land-surface datum, July 23, 2011.

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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	---	---	---	---	---	---	---	---	---	---	184	179
2	---	---	---	---	---	---	---	---	---	---	177	168
3	---	---	---	---	---	---	---	---	---	---	178	155
4	---	---	---	---	---	---	---	---	---	---	181	153
5	---	---	---	---	---	---	---	---	---	---	184	153
6	---	---	---	---	---	---	---	---	---	---	170	175
7	---	---	---	---	---	---	---	---	---	---	177	176
8	---	---	---	---	---	---	---	---	---	156	179	167
9	---	---	---	---	---	---	---	---	---	157	184	172
10	---	---	---	---	---	---	---	---	---	195	187	169
11	---	---	---	---	---	---	---	---	---	183	180	160
12	---	---	---	---	---	---	---	---	---	177	173	169
13	---	---	---	---	---	---	---	---	---	179	176	171
14	---	---	---	---	---	---	---	---	---	182	186	181
15	---	---	---	---	---	---	---	---	---	185	186	174
16	---	---	---	---	---	---	---	---	---	200	177	169
17	---	---	---	---	---	---	---	---	---	185	177	167
18	---	---	---	---	---	---	---	---	---	175	177	160
19	---	---	---	---	---	---	---	---	---	178	168	168
20	---	---	---	---	---	---	---	---	---	174	161	172
21	---	---	---	---	---	---	---	---	---	176	183	171
22	---	---	---	---	---	---	---	---	---	189	179	169
23	---	---	---	---	---	---	---	---	---	236	177	164
24	---	---	---	---	---	---	---	---	---	227	179	176
25	---	---	---	---	---	---	---	---	---	189	175	164
26	---	---	---	---	---	---	---	---	---	177	176	161
27	---	---	---	---	---	---	---	---	---	175	182	163
28	---	---	---	---	---	---	---	---	---	177	174	146
29	---	---	---	---	---	---	---	---	---	198	173	143
30	---	---	---	---	---	---	---	---	---	169	171	165
31	---	---	---	---	---	---	---	---	---	165	172	---
Mean	---	---	---	---	---	---	---	---	---	---	178	166
Max	---	---	---	---	---	---	---	---	---	---	187	181
Min	---	---	---	---	---	---	---	---	---	---	161	143

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