



Water-Data Report 2010

355659078411401 Local number WK-375 NORWOOD OAKS, RALEIGH, NC

Piedmont and Blue Ridge crystalline-rock aquifers

Schist

Wake County, NC

LOCATION.--Lat 35°56'59.02", long 78°41'13.78" 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 325 ft, diameter 6 in., cased to 52 ft, open hole from 52 to 325 ft.

DATUM.--Land-surface datum is 348 ft above North American Vertical Datum of 1988. Measuring point: top of casing, 1.17 ft above land-surface datum, July 9, 2008 to present.

PERIOD OF RECORD.--July 2008 to September 2010. Periodic water-level measurements July 2008 to May 2009. Continuous record July 2008 to October 2008, October 2009 to September 2010.

GAGE.--Water-level recorder collecting data at 15-minute intervals with satellite telemetry, October 2009 to present.

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, 48 ft below land-surface datum, December 16, 2009; lowest water level recorded, 286 ft below land-surface datum, September 24-26, 2010.

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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	128	74	67	68	65	68	117	186	180	174	198
2	---	124	72	68	66	63	67	129	160	218	170	207
3	---	120	72	71	64	63	75	141	132	203	175	223
4	---	114	70	71	63	65	80	131	130	248	180	229
5	---	114	69	69	62	64	82	134	132	270	193	231
6	---	108	71	66	61	63	89	153	144	270	190	242
7	---	107	69	65	64	66	88	159	142	265	175	254
8	---	104	68	64	67	67	89	167	140	266	181	254
9	---	103	65	64	64	66	80	202	168	266	180	258
10	---	96	64	67	63	65	82	214	158	260	178	263
11	---	89	62	67	65	62	91	208	155	262	192	270
12	---	87	65	67	62	62	95	224	156	259	182	261
13	---	83	68	66	64	65	100	206	153	258	198	261
14	---	80	68	65	68	67	96	217	141	239	199	270
15	---	83	63	63	70	67	94	250	140	233	202	274
16	---	84	63	64	64	64	96	235	147	250	200	274
17	---	90	66	64	63	64	99	185	137	243	208	279
18	---	87	65	65	63	64	104	171	158	230	215	283
19	---	83	66	65	63	64	109	151	170	227	201	284
20	---	79	68	64	63	66	108	139	204	230	201	284
21	257	82	67	64	69	70	106	130	213	213	194	283
22	242	82	68	63	67	67	100	131	221	214	202	283
23	211	82	69	62	65	66	96	123	216	223	201	284
24	220	80	70	66	62	66	96	123	186	214	186	284
25	200	78	70	65	62	74	92	120	228	221	184	---
26	186	84	69	65	61	68	91	117	231	218	174	285
27	176	79	69	64	62	68	91	128	209	212	178	279
28	155	78	69	62	66	68	95	138	218	197	183	269
29	156	79	67	63	---	66	99	148	191	191	191	260
30	144	78	66	65	---	66	105	136	178	181	183	249
31	135	---	67	68	---	65	---	168	---	176	188	---
Mean	---	92	68	65	64	66	92	161	171	230	189	---
Max	---	128	74	71	70	74	109	250	231	270	215	---
Min	---	78	62	62	61	62	67	117	130	176	170	---

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