



Water-Data Report 2008

**355359080331701 Local number DV-025 (NC-142), near Mocksville, NC (Regolith)**

Piedmont and Blue Ridge crystalline-rock aquifers

Saprolite(Unknown Age)

Davie County, NC

LOCATION.--Lat 35°53'59", long 80°33'16" referenced to North American Datum of 1983, Davie County, NC, Hydrologic Unit 03040102, 0.5 mi northeast of Mocksville on U.S. Highway 158 at B.C. Brocks Community Center. Owner: U.S. Geological Survey.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Drilled observation well, drilled to 30.8 ft, diameter 6 in., cased to 30.8 ft, open end, backfilled with gravel from 20 to 30.8 ft.

DATUM.--Land-surface datum is 835 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 1.00 ft above land-surface datum, October 9, 1981, to present.

PERIOD OF RECORD.--October 1981 to current year.

GAGE.--Water-level recorder collecting data at 60-minute intervals. Satellite telemetry at station.

REMARKS.--In October 1982, well replaced nearby NC-110. Well is part of terrane-effects network.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 10.64 ft below land-surface datum, March 28, 1993; lowest water level recorded, 23.22 ft below land-surface datum, August 23, 24, 25, 26, 2002.

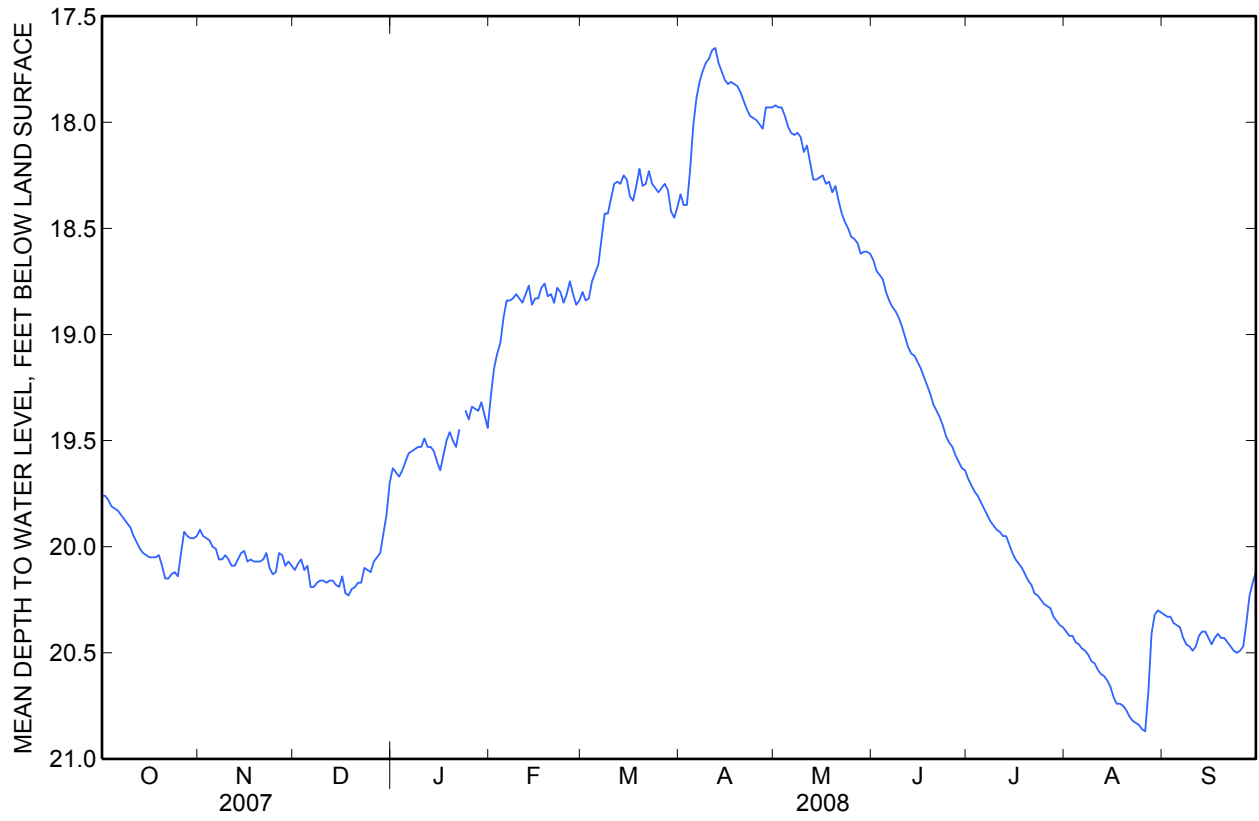
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**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	19.76	19.92	20.11	19.63	19.29	18.80	18.34	17.92	18.65	19.68	20.40	20.32
2	19.76	19.95	20.08	19.65	19.16	18.84	18.39	17.93	18.70	19.71	20.42	20.33
3	19.78	19.96	20.06	19.67	19.09	18.83	18.39	17.93	18.72	19.74	20.42	20.33
4	19.81	19.97	20.11	19.64	19.04	18.75	18.23	17.97	18.74	19.76	20.45	20.36
5	19.82	20.00	20.09	19.60	18.92	18.71	18.02	18.02	18.80	19.79	20.46	20.37
6	19.83	20.01	20.19	19.56	18.84	18.67	17.89	18.05	18.84	19.82	20.48	20.38
7	19.85	20.06	20.19	19.55	18.84	18.55	17.81	18.06	18.87	19.85	20.49	20.43
8	19.87	20.06	20.17	19.54	18.83	18.43	17.76	18.05	18.89	19.88	20.51	20.46
9	19.89	20.04	20.16	19.53	18.81	18.43	17.72	18.07	18.92	19.90	20.54	20.47
10	19.91	20.06	20.16	19.53	18.83	18.36	17.70	18.14	18.96	19.92	20.55	20.49
11	19.95	20.09	20.17	19.49	18.85	18.29	17.66	18.11	19.01	19.93	20.58	20.47
12	19.98	20.09	20.16	19.53	18.81	18.28	17.65	18.19	19.06	19.95	20.60	20.42
13	20.01	20.06	20.16	19.53	18.77	18.29	17.72	18.27	19.09	19.95	20.61	20.40
14	20.03	20.03	20.18	19.55	18.86	18.25	17.76	18.27	19.10	19.99	20.63	20.40
15	20.04	20.02	20.19	19.60	18.83	18.27	17.80	18.26	19.13	20.03	20.66	20.43
16	20.05	20.07	20.14	19.64	18.83	18.35	17.82	18.25	19.16	20.06	20.71	20.46
17	20.05	20.06	20.22	19.57	18.78	18.37	17.81	18.29	19.20	20.08	20.74	20.43
18	20.05	20.07	20.23	19.50	18.76	18.30	17.82	18.28	19.24	20.10	20.74	20.41
19	20.04	20.07	20.20	19.46	18.82	18.22	17.83	18.33	19.28	20.13	20.75	20.43
20	20.09	20.07	20.19	19.50	18.81	18.30	17.86	18.30	19.33	20.16	20.77	20.43
21	20.15	20.06	20.17	19.53	18.85	18.29	17.90	18.37	19.36	20.18	20.80	20.45
22	20.15	20.03	20.17	19.45	18.78	18.23	17.94	18.43	19.39	20.22	20.82	20.47
23	20.13	20.10	20.10	---	18.80	18.29	17.97	18.47	19.43	20.23	20.83	20.49
24	20.12	20.13	20.11	19.36	18.85	18.31	17.98	18.50	19.48	20.25	20.84	20.50
25	20.14	20.12	20.12	19.40	18.81	18.33	17.99	18.54	19.51	20.27	20.86	20.49
26	20.03	20.03	20.07	19.34	18.75	18.31	18.01	18.55	19.53	20.28	20.87	20.47
27	19.93	20.04	20.05	19.35	18.81	18.29	18.03	18.57	19.57	20.29	20.68	20.36
28	19.95	20.09	20.03	19.36	18.86	18.32	17.93	18.62	19.60	20.33	20.41	20.23
29	19.96	20.07	19.94	19.32	18.84	18.42	17.93	18.61	19.63	20.35	20.32	20.17
30	19.96	20.09	19.85	19.38	---	18.45	17.93	18.61	19.64	20.37	20.30	20.12
31	19.95	---	19.70	19.44	---	18.40	---	18.62	---	20.38	20.31	---
<b>Mean</b>	19.97	20.05	20.11	19.51	18.87	18.42	17.92	18.28	19.16	20.05	20.60	20.40
<b>Max</b>	20.15	20.13	20.23	19.67	19.29	18.84	18.39	18.62	19.64	20.38	20.87	20.50
<b>Min</b>	19.76	19.92	19.70	19.32	18.75	18.22	17.65	17.92	18.65	19.68	20.30	20.12

Water Year 2008	
<b>Mean</b>	19.45
<b>High</b>	17.65
<b>Low</b>	20.87

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