

Water-Data Report 2008

351709082434101 Local number TR-066 (NC-147), Pisgah National Forest (Alluvium)

Surficial aquifer system

Quaternary Alluvium

Transylvania County, NC

LOCATION.--Lat 35°17'09", long 82°43'41" referenced to North American Datum of 1983, Transylvania County, NC, Hydrologic Unit 06010105, on U.S. Highway 276, 700 ft northwest of U.S. Forest Service Ranger Station in Pisgah National Forest and 3.5 mi north of Brevard. Owner: U.S. Geological Survey.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Drilled observation well, depth 25 ft, diameter 4 in., cased to 11.6 ft, screened interval from 11.6 to 21.6 ft; measured depth 22.9 ft.

DATUM.--Land-surface datum is 2,176.70 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 2.24 ft above land-surface datum, October 1, 1996 to present.

PERIOD OF RECORD.--June 1985 to current year.

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

REMARKS.--Well is part of climatic-effects network.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 5.97 ft below land-surface datum, September 18, 2004; lowest water level recorded, 17.86 ft below land-surface datum, August 25, 26, 2008.

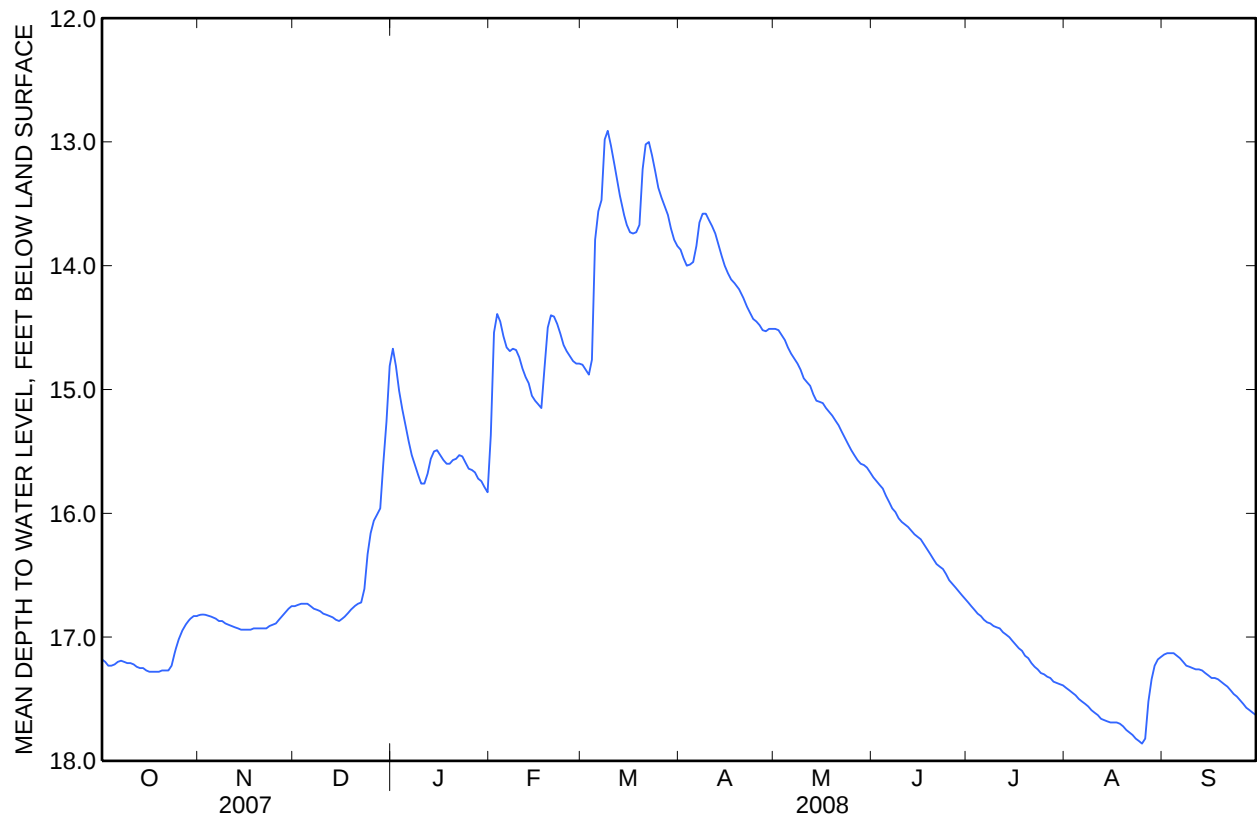
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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	17.18	16.82	16.75	14.67	15.37	14.80	13.87	14.51	15.71	16.72	17.41	17.14
2	17.20	16.82	16.74	14.81	14.54	14.84	13.94	14.52	15.74	16.75	17.43	17.13
3	17.23	16.82	16.73	15.01	14.39	14.88	14.00	14.56	15.77	16.78	17.45	17.13
4	17.23	16.83	16.73	15.16	14.45	14.76	13.99	14.60	15.80	16.81	17.47	17.13
5	17.22	16.84	16.73	15.29	14.57	13.79	13.97	14.66	15.86	16.83	17.50	17.15
6	17.20	16.85	16.75	15.42	14.66	13.56	13.84	14.71	15.91	16.86	17.52	17.17
7	17.19	16.87	16.77	15.53	14.69	13.47	13.65	14.75	15.96	16.88	17.54	17.20
8	17.20	16.87	16.78	15.61	14.67	12.98	13.58	14.79	15.99	16.89	17.56	17.23
9	17.21	16.89	16.79	15.69	14.68	12.91	13.58	14.84	16.04	16.91	17.59	17.24
10	17.21	16.90	16.81	15.76	14.74	13.03	13.63	14.91	16.07	16.92	17.61	17.25
11	17.22	16.91	16.82	15.76	14.83	13.18	13.68	14.94	16.09	16.93	17.63	17.26
12	17.24	16.92	16.83	15.68	14.90	13.31	13.74	14.97	16.11	16.96	17.66	17.26
13	17.25	16.93	16.84	15.56	14.95	13.46	13.83	15.04	16.14	16.98	17.67	17.27
14	17.25	16.94	16.86	15.50	15.05	13.57	13.92	15.09	16.17	17.00	17.68	17.29
15	17.27	16.94	16.87	15.49	15.09	13.67	14.00	15.10	16.19	17.03	17.69	17.31
16	17.28	16.94	16.85	15.53	15.12	13.73	14.06	15.11	16.21	17.06	17.69	17.33
17	17.28	16.94	16.83	15.57	15.15	13.74	14.11	15.15	16.25	17.09	17.69	17.33
18	17.28	16.93	16.80	15.60	14.82	13.73	14.14	15.18	16.29	17.11	17.70	17.34
19	17.28	16.93	16.77	15.60	14.50	13.67	14.17	15.21	16.33	17.15	17.72	17.36
20	17.27	16.93	16.75	15.57	14.40	13.22	14.21	15.25	16.37	17.17	17.75	17.38
21	17.27	16.93	16.73	15.56	14.41	13.02	14.27	15.29	16.41	17.21	17.77	17.40
22	17.27	16.93	16.72	15.53	14.47	13.00	14.33	15.34	16.43	17.24	17.79	17.43
23	17.23	16.91	16.61	15.54	14.55	13.11	14.38	15.39	16.45	17.26	17.82	17.46
24	17.13	16.90	16.33	15.59	14.64	13.24	14.43	15.44	16.49	17.29	17.84	17.48
25	17.04	16.89	16.16	15.64	14.69	13.37	14.45	15.49	16.54	17.30	17.86	17.51
26	16.97	16.86	16.06	15.65	14.73	13.45	14.48	15.53	16.57	17.32	17.82	17.54
27	16.92	16.83	16.01	15.67	14.77	13.52	14.52	15.57	16.60	17.33	17.52	17.57
28	16.88	16.80	15.96	15.72	14.79	13.59	14.53	15.60	16.63	17.36	17.34	17.59
29	16.85	16.77	15.60	15.74	14.79	13.70	14.51	15.61	16.66	17.37	17.23	17.61
30	16.83	16.75	15.26	15.79	---	13.79	14.51	15.63	16.69	17.38	17.18	17.63
31	16.83	---	14.81	15.83	---	13.84	---	15.67	---	17.39	17.16	---
Mean	17.16	16.88	16.52	15.52	14.74	13.61	14.08	15.11	16.22	17.07	17.59	17.34
Max	17.28	16.94	16.87	15.83	15.37	14.88	14.53	15.67	16.69	17.39	17.86	17.63
Min	16.83	16.75	14.81	14.67	14.39	12.91	13.58	14.51	15.71	16.72	17.16	17.13

Water Year 2008	
Mean	15.99
High	12.91
Low	17.86

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