Water-Data Report 2006

352315082484401 Local number HW-047, NC-40

Piedmont and Blue Ridge crystalline-rock aquifers
Saprolite(Unknown Age)

Haywood County, NC

LOCATION.--Lat 35°23′16″, long 82°48′44″ referenced to North American Datum of 1983, Haywood County, NC, Hydrologic Unit 06010106, 2 mi south of Cruso on U.S. Highway 276 at Camp Hope. Owner: Blue Ridge Paper Products, Inc.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Dug observation well, depth 18.5 ft, diameter 12 in., cased to 18.5 ft, open end, backfilled with gravel from 4 to 18.5 ft.

DATUM.--Land-surface datum is 3,148.26 ft above NGVD of 1929. Measuring point: Top of casing, 1.00 ft above land-surface datum.

PERIOD OF RECORD.--December 1955 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, 0.13 ft below land-surface datum, Sept. 17, 2004; lowest water level recorded, 6.99 ft below land-surface datum, Sept. 12, 13, 2002.

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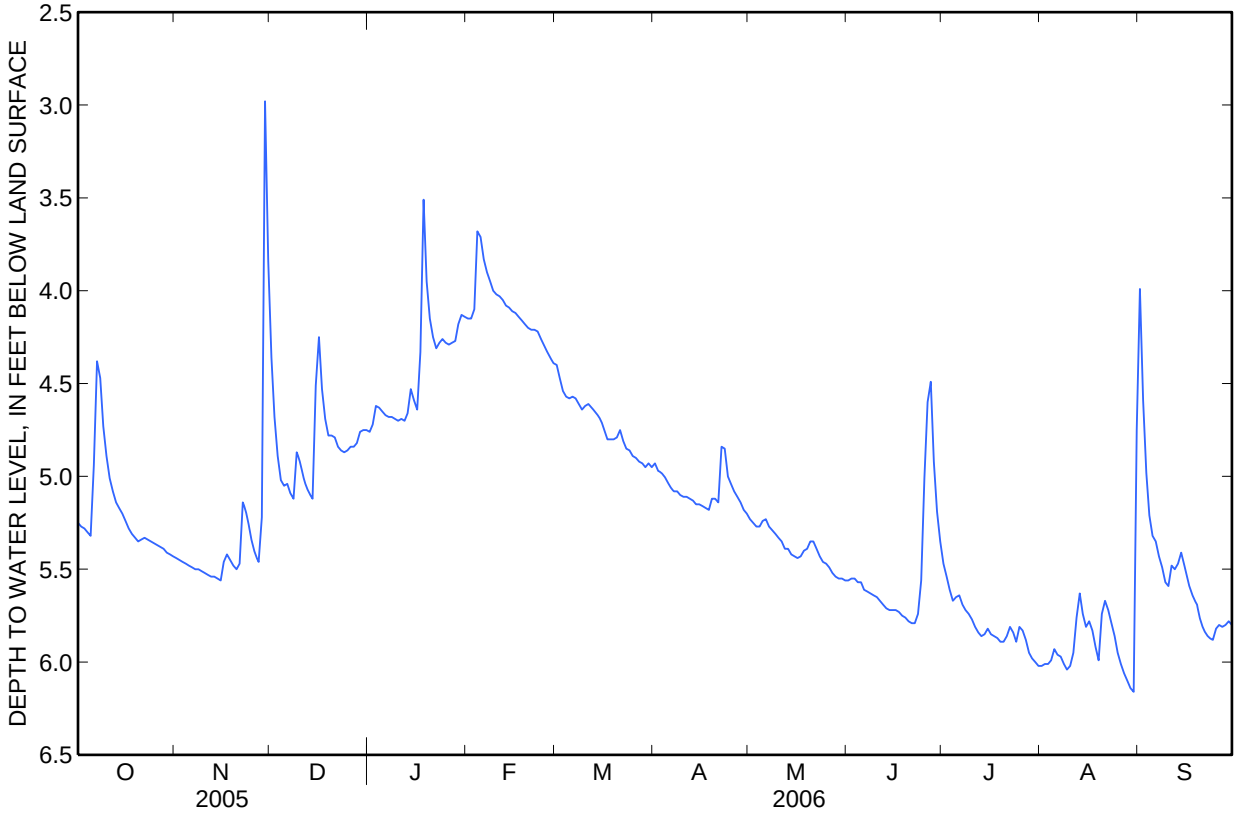
DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	5.25	5.44	4.36	4.76	4.15	4.40	4.93	5.23	5.56	5.47	6.02	3.99
2	5.27	5.45	4.68	4.72	4.15	4.47	4.97	5.25	5.55	5.54	6.01	4.59
3	5.28	5.46	4.89	4.62	4.10	4.54	4.98	5.27	5.55	5.61	6.01	4.98
4	5.30	5.47	5.02	4.63	3.68	4.57	5.00	5.27	5.57	5.67	5.99	5.21
5	5.32	5.48	5.05	4.65	3.71	4.58	5.03	5.24	5.57	5.65	5.93	5.32
6	4.94	5.49	5.04	4.67	3.83	4.57	5.06	5.23	5.61	5.64	5.96	5.35
7	4.38	5.50	5.09	4.68	3.90	4.58	5.08	5.27	5.62	5.69	5.97	5.43
8	4.47	5.50	5.12	4.68	3.95	4.61	5.08	5.29	5.63	5.72	6.01	5.49
9	4.73	5.51	4.87	4.69	4.00	4.64	5.10	5.31	5.64	5.74	6.04	5.57
10	4.89	5.52	4.92	4.70	4.02	4.62	5.11	5.33	5.65	5.77	6.02	5.59
11	5.01	5.53	5.00	4.69	4.03	4.61	5.11	5.35	5.67	5.81	5.95	5.48
12	5.08	5.54	5.05	4.70	4.05	4.63	5.12	5.39	5.69	5.84	5.76	5.50
13	5.14	5.54	5.09	4.66	4.08	4.65	5.13	5.39	5.71	5.86	5.63	5.47
14	5.17	5.55	5.12	4.53	4.09	4.67	5.15	5.42	5.72	5.85	5.74	5.41
15	5.20	5.56	4.51	4.59	4.11	4.70	5.15	5.43	5.72	5.82	5.81	5.48
16	5.24	5.46	4.25	4.64	4.12	4.75	5.16	5.44	5.72	5.85	5.78	5.55
17	5.28	5.42	4.53	4.33	4.14	4.80	5.17	5.43	5.73	5.86	5.83	5.61
18	5.31	5.45	4.69	3.51	4.16	4.80	5.18	5.40	5.75	5.87	5.92	5.66
19	5.33	5.48	4.78	3.95	4.18	4.80	5.12	5.39	5.76	5.89	5.99	5.69
20	5.35	5.50	4.78	4.15	4.20	4.79	5.12	5.35	5.78	5.89	5.74	5.77
21	5.34	5.47	4.79	4.25	4.21	4.75	5.14	5.35	5.79	5.86	5.67	5.82
22	5.33	5.14	4.84	4.31	4.21	4.81	4.84	5.39	5.79	5.81	5.72	5.85
23	5.34	5.19	4.86	4.28	4.22	4.85	4.85	5.43	5.74	5.84	5.79	5.87
24	5.35	5.28	4.87	4.26	4.26	4.86	5.00	5.46	5.56	5.89	5.86	5.88
25	5.36	5.36	4.86	4.28	4.29	4.89	5.04	5.47	5.01	5.81	5.95	5.82
26	5.37	5.42	4.84	4.29	4.33	4.90	5.08	5.49	4.60	5.83	6.01	5.80
27	5.38	5.46	4.84	4.28	4.36	4.92	5.11	5.52	4.49	5.88	6.06	5.81
28	5.39	5.22	4.82	4.27	4.39	4.93	5.14	5.54	4.92	5.95	6.10	5.80
29	5.41	2.98	4.76	4.18	---	4.95	5.18	5.55	5.19	5.98	6.14	5.78
30	5.42	3.84	4.75	4.13	---	4.93	5.20	5.55	5.35	6.00	6.16	5.80
31	5.43	---	4.75	4.14	---	4.95	---	5.56	---	6.02	4.75	---
Mean	5.20	5.31	4.83	4.43	4.10	4.73	5.08	5.39	5.52	5.80	5.88	5.51
Max	5.43	5.56	5.12	4.76	4.39	4.95	5.20	5.56	5.79	6.02	6.16	5.88
Min	4.38	2.98	4.25	3.51	3.68	4.40	4.84	5.23	4.49	5.47	4.75	3.99

	Water Year 2006
Mean	5.15
High	2.98
Low	6.16

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