

GROUND-WATER LEVELS

HAYWOOD COUNTY

352315082484401. Local number, NC-40; County name, HW-047.

LOCATION.--Lat 35°23'15", long 82°48'44", Hydrologic Unit 06010106, 2 mi south of Cruso on U.S. Highway 276 at Camp Hope. Owner: Blue Ridge Paper Products, Inc.

AQUIFER.--Unconfined saprolite derived from muscovite-biotite gneiss of Precambrian age.

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.

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

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.

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

PERIOD OF RECORD.--December 1955 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 1.24 ft below land-surface datum, Mar. 12, 1977; lowest water level recorded, 6.99 ft below land-surface datum, Sept. 12, 13, 2002.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.70	6.76	6.42	6.70	6.27	6.36	5.75	5.78	5.86	6.21	6.57	6.64
2	6.73	6.77	6.46	6.73	6.32	6.30	5.75	5.75	5.88	6.23	6.59	6.69
3	6.76	6.79	6.49	6.75	6.36	6.06	5.78	5.75	5.90	6.25	6.60	6.72
4	6.78	6.80	6.53	6.77	6.39	6.00	5.81	5.61	5.91	6.27	6.63	6.74
5	6.79	6.81	6.57	6.79	6.42	6.02	5.83	5.50	5.86	6.30	6.65	6.77
6	6.80	6.82	6.61	6.75	6.43	6.06	5.85	5.56	5.80	6.31	6.67	6.81
7	6.81	6.83	6.64	6.63	6.26	6.10	5.87	5.61	5.79	6.32	6.69	6.84
8	6.82	6.84	6.67	6.61	6.12	6.14	5.87	5.65	5.83	6.34	6.71	6.86
9	6.83	6.85	6.70	6.63	6.09	6.17	5.87	5.69	5.86	6.36	6.74	6.89
10	6.84	6.85	6.72	6.65	6.10	6.19	5.83	5.72	5.89	6.37	6.76	6.92
11	6.84	6.86	6.53	6.67	6.14	6.21	5.81	5.74	5.93	6.35	6.78	6.94
12	6.84	6.87	6.40	6.70	6.17	6.20	5.80	5.76	5.96	6.34	6.79	6.96
13	6.82	6.88	6.38	6.71	6.21	5.92	5.79	5.77	5.98	6.31	6.80	6.96
14	6.05	6.89	6.39	6.73	6.24	5.79	5.78	5.77	5.99	6.24	6.82	6.91
15	5.80	6.89	6.40	6.75	6.26	5.84	5.78	5.79	5.99	6.24	6.80	6.84
16	5.93	6.90	6.42	6.76	6.27	5.90	5.79	5.80	6.01	6.28	6.75	6.77
17	6.06	6.90	6.46	6.77	6.29	5.92	5.79	5.80	6.02	6.33	6.70	6.74
18	6.18	6.91	6.32	6.79	6.31	5.83	5.80	5.78	6.04	6.36	6.70	6.71
19	6.29	6.92	6.25	6.68	6.33	5.84	5.80	5.77	6.06	6.38	6.65	6.70
20	6.38	6.92	6.30	6.15	6.33	5.88	5.80	5.76	6.08	6.41	6.64	6.71
21	6.45	6.93	6.37	6.04	6.33	5.91	5.80	5.76	6.09	6.43	6.67	6.58
22	6.51	6.94	6.44	5.99	6.33	5.93	5.81	5.78	6.10	6.45	6.70	6.28
23	6.55	6.94	6.50	5.80	6.33	5.95	5.82	5.79	6.09	6.47	6.70	5.97
24	6.59	6.89	6.52	5.65	6.34	5.97	5.83	5.80	6.08	6.47	6.73	6.06
25	6.62	6.28	6.51	5.58	6.34	5.99	5.81	5.82	6.11	6.47	6.73	6.15
26	6.65	6.10	6.52	5.68	6.34	5.99	5.81	5.84	6.11	6.43	6.72	5.51
27	6.67	6.12	6.54	5.82	6.35	5.97	5.81	5.81	6.11	6.46	6.66	3.46
28	6.70	6.20	6.58	5.94	6.35	5.97	5.80	5.81	6.14	6.48	6.62	4.28
29	6.72	6.29	6.61	6.05	---	5.97	5.81	5.83	6.15	6.51	6.61	4.92
30	6.73	6.37	6.64	6.13	---	5.93	5.81	5.84	6.18	6.54	6.62	5.26
31	6.75	---	6.67	6.21	---	5.84	---	5.85	---	6.56	6.63	---

WTR YR 2002 MEAN 6.29 HIGH 3.46 LOW 6.96

HAYWOOD COUNTY--Continued

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