



Water-Data Report 2010

**352315082484401 Local number HW-047 (NC-40) NEAR CRUSO, NC (REGOLITH)**

Piedmont and Blue Ridge crystalline-rock aquifers

Saprolite

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.

**GROUNDWATER 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, December 8, 1955 to present.

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, September 17, 2004; lowest water level recorded, 6.99 ft below land-surface datum, September 12, 13, 2002.

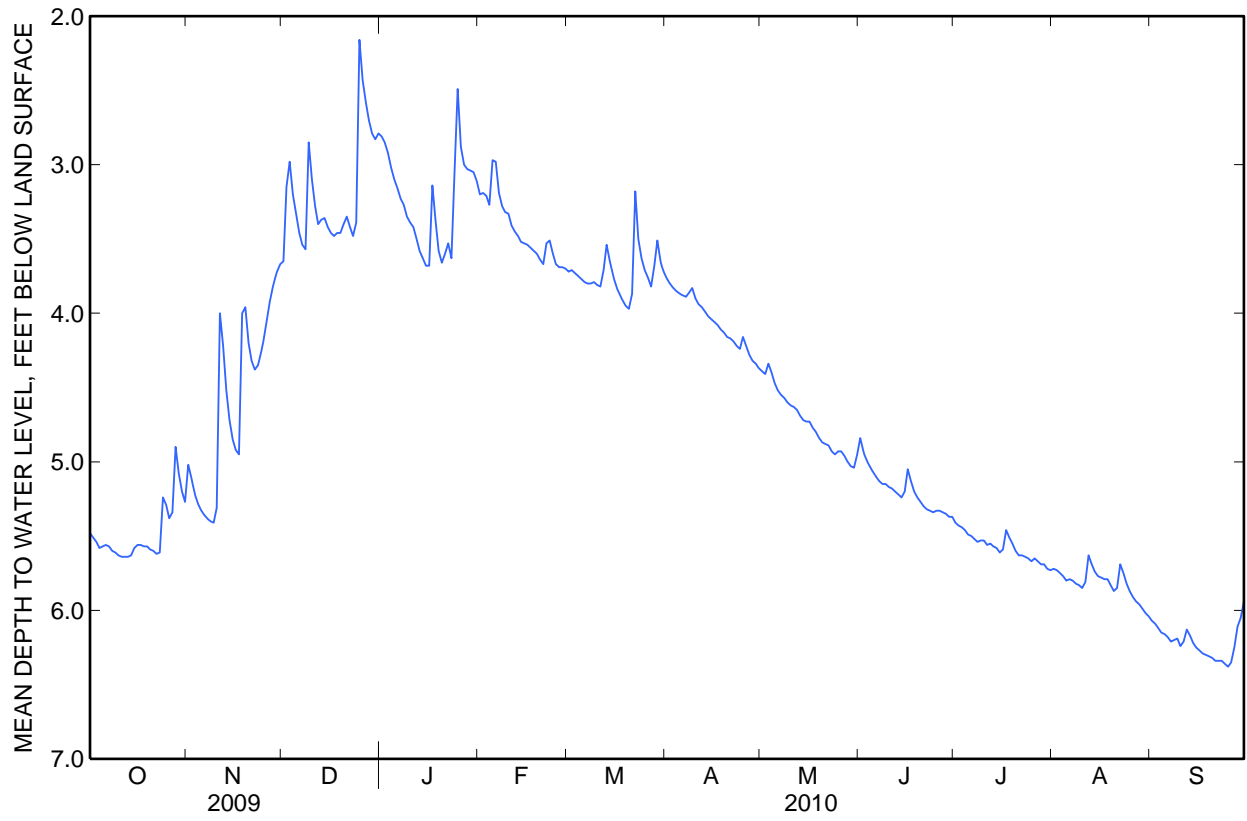
## 352315082484401 Local number HW-047 (NC-40) NEAR CRUSO, NC (REGOLITH)—Continued

**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	5.48	5.02	3.65	2.81	3.20	3.72	3.77	4.39	4.84	5.41	5.72	6.07
2	5.51	5.11	3.15	2.85	3.19	3.71	3.80	4.41	4.93	5.43	5.73	6.09
3	5.54	5.21	2.98	2.92	3.21	3.73	3.83	4.34	4.99	5.44	5.75	6.12
4	5.58	5.28	3.20	3.02	3.27	3.75	3.85	4.40	5.03	5.46	5.77	6.15
5	5.57	5.32	3.33	3.10	2.97	3.77	3.87	4.47	5.07	5.49	5.80	6.16
6	5.56	5.36	3.46	3.16	2.98	3.79	3.88	4.52	5.10	5.50	5.79	6.18
7	5.57	5.38	3.54	3.23	3.19	3.80	3.89	4.55	5.13	5.52	5.80	6.21
8	5.60	5.40	3.57	3.27	3.28	3.80	3.86	4.57	5.15	5.54	5.82	6.20
9	5.61	5.41	2.85	3.35	3.32	3.79	3.83	4.60	5.15	5.53	5.83	6.19
10	5.63	5.31	3.10	3.39	3.33	3.81	3.90	4.62	5.17	5.53	5.85	6.24
11	5.64	4.00	3.28	3.42	3.41	3.82	3.94	4.63	5.18	5.56	5.81	6.21
12	5.64	4.22	3.40	3.50	3.45	3.71	3.96	4.65	5.20	5.55	5.63	6.13
13	5.64	4.52	3.37	3.58	3.48	3.54	3.99	4.69	5.22	5.57	5.69	6.17
14	5.63	4.72	3.36	3.63	3.52	3.65	4.02	4.72	5.24	5.58	5.74	6.22
15	5.58	4.85	3.42	3.68	3.53	3.74	4.04	4.73	5.20	5.61	5.77	6.25
16	5.56	4.92	3.46	3.68	3.54	3.82	4.06	4.73	5.05	5.59	5.78	6.27
17	5.56	4.95	3.48	3.14	3.56	3.87	4.08	4.77	5.13	5.46	5.79	6.29
18	5.57	4.00	3.46	3.38	3.58	3.91	4.11	4.80	5.20	5.51	5.79	6.30
19	5.57	3.96	3.46	3.58	3.60	3.95	4.13	4.84	5.24	5.55	5.83	6.31
20	5.59	4.20	3.40	3.66	3.64	3.97	4.16	4.87	5.27	5.60	5.87	6.32
21	5.60	4.32	3.35	3.60	3.67	3.87	4.17	4.88	5.30	5.63	5.85	6.34
22	5.62	4.38	3.42	3.53	3.53	3.18	4.19	4.89	5.32	5.63	5.69	6.34
23	5.61	4.35	3.48	3.63	3.51	3.50	4.22	4.93	5.33	5.64	5.75	6.34
24	5.24	4.26	3.39	3.06	3.60	3.63	4.24	4.95	5.34	5.65	5.82	6.36
25	5.29	4.15	2.16	2.49	3.67	3.71	4.16	4.93	5.33	5.67	5.87	6.38
26	5.38	4.02	2.43	2.88	3.69	3.76	4.22	4.93	5.33	5.65	5.91	6.35
27	5.34	3.89	2.58	3.00	3.69	3.82	4.28	4.96	5.34	5.67	5.94	6.25
28	4.90	3.80	2.70	3.03	3.70	3.68	4.32	5.00	5.35	5.69	5.96	6.11
29	5.08	3.72	2.79	3.04	---	3.51	4.34	5.03	5.37	5.69	5.99	6.05
30	5.20	3.67	2.83	3.05	---	3.65	4.37	5.04	5.37	5.72	6.02	5.94
31	5.27	---	2.79	3.11	---	3.72	---	4.95	---	5.73	6.04	---
<b>Mean</b>	5.49	4.59	3.19	3.25	3.44	3.73	4.05	4.74	5.20	5.57	5.82	6.22
<b>Max</b>	5.64	5.41	3.65	3.68	3.70	3.97	4.37	5.04	5.37	5.73	6.04	6.38
<b>Min</b>	4.90	3.67	2.16	2.49	2.97	3.18	3.77	4.34	4.84	5.41	5.63	5.94

Water Year 2010	
<b>Mean</b>	4.61
<b>High</b>	2.16
<b>Low</b>	6.38

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