



Water-Data Report 2008

380252079472801 Local number 32N 2 SOW 217

Valley and Ridge aquifers
Martinsburg Shale
Bath County, VA

LOCATION.--Lat 38°02'52.29", long 79°47'27.66" referenced to North American Datum of 1983, Bath County, VA, Hydrologic Unit 02080201, 460 ft southwest of the intersection of State Highways 692 and 645 (Katydid Trail) and 270 ft east of State Highway 645 in Warm Springs.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 449.86 ft. Upper casing diameter 8.63 in; top of first opening 145 ft, bottom of last opening 146 ft.

DATUM.--Land-surface datum is 2262.05 ft above North American Vertical Datum of 1988. Measuring point: TOP OF SHELF, 1.58 ft above land-surface datum, Nov. 2, 2007, to present.

PERIOD OF RECORD.--October 2007 to September 2008.

GAGE.--Electronic data logger and pressure transducer, 15-minute record interval.

REMARKS.--Well is located the Martinsburg Formation of Middle to Upper Ordovician age. Records provided by the Virginia Department of Environmental Quality - Water Division.

EXTREMES FOR CURRENT YEAR.--Highest water level, 3.74 ft below land surface datum, Oct. 27; lowest water level, 7.93 ft below land surface datum, Sept. 24.

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

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	5.02	5.20	5.85	5.31	5.74	5.61	5.58	4.79	5.80	6.44	6.89	7.07
2	5.04	5.27	5.84	5.53	5.09	5.63	5.70	4.96	5.88	6.50	6.88	7.13
3	5.06	5.30	5.72	5.62	5.15	5.63	5.71	5.07	5.92	6.52	6.89	7.18
4	5.14	5.37	5.70	5.62	5.16	5.58	5.54	5.26	5.80	6.55	6.96	7.25
5	5.21	5.42	5.81	5.63	5.15	5.14	5.24	5.39	5.85	6.55	7.00	7.30
6	5.24	5.41	---	5.63	5.09	4.57	5.21	5.49	5.92	6.56	7.02	7.31
7	5.27	5.46	---	5.60	5.07	4.66	4.78	5.52	5.96	6.55	7.04	7.37
8	5.29	5.48	---	5.60	5.14	4.81	4.88	5.52	5.99	6.57	7.11	7.44
9	5.31	5.48	---	5.59	5.21	5.00	4.99	5.45	6.02	6.58	7.17	7.46
10	5.35	5.60	---	5.61	5.35	5.11	5.11	5.42	6.06	6.50	7.19	7.09
11	5.41	5.63	---	5.48	5.47	5.11	5.15	5.39	6.12	6.55	7.23	7.09
12	5.48	5.64	---	4.99	5.47	5.16	5.09	5.11	6.17	6.60	7.26	7.15
13	5.52	5.59	5.73	5.09	5.40	5.25	5.18	5.09	6.18	6.60	7.27	7.24
14	5.57	5.59	5.75	5.25	5.38	5.27	5.26	5.16	6.16	6.53	7.16	7.30
15	5.59	5.54	5.78	5.41	5.43	5.32	5.35	5.23	6.09	6.49	7.08	7.49
16	5.61	5.26	5.60	5.53	5.48	5.30	5.40	5.18	6.13	6.56	7.08	7.59
17	5.63	5.32	5.16	5.52	5.47	5.13	5.45	5.00	6.17	6.61	7.14	7.64
18	5.62	5.07	5.35	5.54	5.44	5.13	5.51	5.02	6.20	6.66	7.19	7.71
19	5.59	4.76	5.45	5.54	5.52	5.12	5.53	5.16	6.28	6.72	7.25	7.76
20	5.52	4.87	5.54	5.71	5.59	4.94	5.48	5.17	6.35	6.77	7.33	7.79
21	5.61	5.30	---	5.72	5.61	4.83	5.39	5.10	6.36	6.83	7.38	7.83
22	5.63	5.56	---	5.72	5.58	4.93	5.35	5.27	6.36	6.87	7.43	7.86
23	5.60	5.72	---	5.66	5.56	5.09	5.38	5.41	6.29	6.84	7.48	7.91
24	5.60	5.76	5.29	5.74	5.58	5.24	5.41	5.50	6.36	6.50	7.48	7.93
25	5.14	5.77	5.36	5.80	5.56	5.34	5.41	5.60	6.38	6.22	7.51	7.92
26	4.37	5.77	5.39	5.76	5.51	5.38	5.31	5.60	6.37	6.42	7.54	7.86
27	4.18	5.70	5.50	5.77	5.54	5.42	5.24	5.55	6.41	6.58	7.50	7.72
28	4.70	5.74	5.55	5.80	5.67	5.51	5.19	5.60	6.46	6.70	6.92	7.38
29	4.90	5.70	5.33	5.76	5.67	5.63	4.44	5.63	6.44	6.79	6.67	7.44
30	5.02	5.76	5.05	5.72	---	5.65	4.58	5.69	6.38	6.84	6.89	7.48
31	5.09	---	5.20	5.77	---	5.64	---	5.71	---	6.86	6.99	---

