

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

CHEROKEE COUNTY

WELL NUMBER.--350918081263408. Local number, CRK-74.

LOCATION.--Lat 35°09'18'', long 81°26'34'', Hydrologic Unit 03050105, Blacksburg, 244 Wendy Drive, right of driveway. Owner: Paul Clayton.

AQUIFER.--Sericite Schist/Late Proterozoic Blacksburg Formation of the Kings Mountain Belt.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 6 in, depth 265 ft, cased to 99 ft, open hole from 99 to 265 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.

DATUM.--Land-surface datum is 825 ft above sea level. Measuring point: Top of casing, 1.30 ft above land-surface datum.

REMARKS.--Geophysical logs available in District files. Water levels are affected by nearby pumpage.

PERIOD OF RECORD.--March 1998 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 54.45 ft below land-surface datum, Aug. 31, 2003; lowest, 78.35 ft below land-surface datum, Oct. 2, 2002.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	78.23	77.98	77.63	76.30	75.50	74.02	68.97	63.24	59.51	59.04	60.41	54.59
2	78.35	77.77	77.52	76.18	75.50	73.88	68.85	63.15	59.77	59.13	59.86	54.57
3	78.05	77.82	77.67	76.27	75.18	73.82	68.74	63.35	59.37	59.12	59.58	54.53
4	78.12	77.89	77.78	76.33	75.12	73.84	68.69	63.40	59.35	59.23	59.27	54.55
5	78.03	77.84	77.48	76.12	75.15	73.60	68.76	63.46	59.66	59.24	59.09	54.70
6	77.99	77.75	77.64	76.14	74.99	73.51	68.66	63.41	59.36	59.32	58.88	54.91
7	77.93	77.75	77.63	75.99	74.95	73.45	68.61	63.53	59.36	59.30	58.44	54.93
8	77.95	77.68	77.73	76.02	74.97	73.41	68.50	63.67	59.09	59.35	58.25	54.93
9	77.89	78.00	77.60	75.94	74.89	73.23	68.42	63.42	59.15	59.58	57.74	55.19
10	78.00	77.82	77.62	75.96	74.70	73.11	68.11	63.89	59.06	59.48	57.44	55.17
11	77.91	77.87	77.51	75.94	74.71	72.91	67.73	63.58	58.96	59.47	56.91	55.26
12	77.78	77.66	77.46	75.87	74.64	72.86	67.34	63.77	58.76	59.46	56.81	55.30
13	77.85	77.80	77.28	75.89	74.72	72.75	66.45	63.62	58.65	59.68	56.71	55.61
14	77.68	77.75	77.33	75.75	74.75	72.54	66.22	63.61	58.88	60.30	56.41	55.78
15	77.66	77.72	77.20	75.72	74.75	72.39	65.86	63.48	58.58	60.18	56.28	55.56
16	77.64	77.72	77.42	75.76	74.63	72.29	65.57	63.58	58.52	60.04	55.98	56.03
17	77.70	77.76	77.22	75.71	74.64	72.04	65.42	63.69	58.48	60.25	55.82	55.85
18	77.74	77.79	77.07	75.84	74.64	71.92	65.30	63.63	58.39	60.26	55.88	55.89
19	77.63	77.69	77.07	75.65	74.51	72.04	65.24	63.83	58.51	60.01	55.61	56.08
20	77.59	77.67	76.93	75.62	74.51	71.69	64.84	64.07	58.32	60.15	55.58	56.31
21	77.68	77.63	76.91	75.56	74.40	71.72	64.26	63.82	58.55	59.96	55.29	56.38
22	77.83	77.62	76.95	75.75	74.23	71.16	63.98	63.63	58.55	60.02	55.00	56.36
23	77.76	77.64	77.04	75.59	74.34	70.59	64.05	63.68	58.83	59.78	54.93	56.48
24	77.70	77.70	76.78	75.60	74.23	70.16	63.65	63.07	58.68	59.83	54.77	56.69
25	77.66	77.61	76.80	75.64	74.24	69.80	63.34	62.42	58.98	59.71	55.23	56.66
26	77.59	77.58	76.93	75.58	74.06	69.56	63.13	61.75	58.99	59.78	54.73	56.66
27	77.57	77.60	76.66	75.64	74.05	69.56	63.35	61.17	58.86	59.53	54.47	57.11
28	77.85	77.80	76.68	75.52	74.07	69.31	63.40	60.57	59.01	59.40	54.47	57.00
29	77.70	77.69	76.64	75.45	---	69.30	63.46	60.10	58.99	59.38	54.49	57.24
30	77.74	77.61	76.51	75.36	---	69.09	63.26	59.69	59.02	59.23	54.70	57.49
31	77.75	---	76.55	75.27	---	68.96	---	59.57	---	60.36	54.45	---
MEAN	77.82	77.74	77.20	75.81	74.68	71.89	66.07	62.93	58.94	59.66	56.56	55.79
MAX	78.35	78.00	77.78	76.33	75.50	74.02	68.97	64.07	59.77	60.36	60.41	57.49
MIN	77.57	77.58	76.51	75.27	74.05	68.96	63.13	59.57	58.32	59.04	54.45	54.53

