



Water-Data Report 2010

350750085045802 Local number Hm:O-019.

Valley and Ridge aquifers
 Chepultepec Dolomite
 Hamilton County, TN

LOCATION.--Lat 35°07'50", long 85°04'58" referenced to North American Datum of 1927, Hamilton County, TN, Hydrologic Unit 06020001, at Short Trail Spring Road 5.5 mi northwest of Ooltewah, TN. Owner: Savannah Valley Utility District.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Drilled artesian well, diameter 8 in., depth 72.96 ft, cased to 26 ft, uncased below; former production well.

DATUM.--Land-surface datum is 698.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Instrument shelf, 1.50 ft above land-surface datum.

PERIOD OF RECORD.--May 1989 to current year.

GAGE.--Water-level recorder -- 15-minute intervals, until Dec. 19, 2007; pressure transducer, data logger, and cell phone modem -- 1-hour recording interval installed Dec. 19, 2007.

REMARKS.--Records good. Missing records Jun. 13 to 15 and Sep. 23 to 24. Water levels affected by pumping from municipal supply wells in immediate area.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 3.65 ft below land-surface datum, June 22, 1989; lowest, 54.29 ft below land-surface datum, Apr. 18, 1990.

**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
 WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
 DAILY MAXIMUM VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5	9.09	10.47	13.72	13.39	10.45	11.86	7.62	6.71	7.51	7.74	7.85	8.09
10	9.30	11.03	11.67	12.43	10.31	12.17	7.58	7.20	7.60	7.71	7.88	8.10
15	10.88	10.40	12.15	12.51	10.89	11.10	7.65	7.34	---	7.65	7.81	8.12
20	9.39	11.24	11.24	10.72	10.26	7.94	7.68	7.38	7.46	7.67	7.82	8.18
25	9.80	11.40	11.26	8.60	11.79	7.93	7.58	7.44	7.64	7.74	7.99	8.26
Eom	8.77	11.17	13.08	10.40	11.96	7.60	7.61	7.42	7.61	7.78	8.04	8.36

WTR YR 2010 Highest 7.36 May 19, 2010 Lowest 8.39 Oct. 22, 2009

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