

GROUND-WATER LEVELS

LOUISA COUNTY

380217078133701. Local number, 45N 1.

LOCATION.--Lat 38°02'17", long 78°13'43", Hydrologic Unit 02080106, off State Highway 640 on Tyler property, 0.9 mi southeast of Thelma, and 3 mi southwest of Boswells Tavern. Owner: Tyler.

AQUIFER.--Metagraywacke, quartzose schist, and melange of Cambrian age.

WELL CHARACTERISTICS.--Drilled observation water well, diameter 6 in., depth 56 ft, length of casing unknown.

INSTRUMENTATION.--Continuous strip-chart recorder.

DATUM.--Elevation of land-surface datum is 500 ft above sea level, from topographic map. Measuring point: Top of casing, 1.95 ft above land-surface datum.

REMARKS.--Records provided by the Virginia Department of Environmental Quality - Water Division. Missing record due to recorder malfunction.

PERIOD OF RECORD.--July 1952 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 10.63 ft below land-surface datum, Apr. 18, 19, 1993; lowest measured, 35.17 ft below land-surface datum, Dec. 2, 1981.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
LOWEST DAILY VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	28.40	29.67	30.66	31.42	30.75	29.50	27.63	27.22	28.62	30.79	32.20	32.96
10	28.66	29.82	30.80	31.51	30.50	29.30	27.46	27.37	28.97	31.22	32.32	33.09
15	28.90	30.00	30.94	31.58	30.24	28.96	27.30	27.54	29.98	31.58	32.47	33.18
20	29.10	30.18	31.10	31.60	30.00	28.53	27.23	27.73	29.68	31.78	32.57	33.24
25	29.30	30.32	31.20	31.37	29.93	28.22	27.20	27.98	30.04	31.89	32.70	33.34
EOM	29.51	30.54	31.33	31.06	29.79	27.91	27.19	28.29	30.47	32.05	32.83	33.40

WATER YEAR 1999	HIGHEST INSTANTANEOUS	27.11	APR 26, 27, 1999
	LOWEST INSTANTANEOUS	33.40	SEP 30, 1999

