

GROUND-WATER LEVELS

HENRICO COUNTY

37342807233001. Local number, 51J 13.

LOCATION.--Lat 37°34'28", long 77°23'30", Hydrologic Unit 02080206, 1,600 ft east of the intersection of U.S. Highway 360 (Mechanicsville Turnpike) and Laburnum Avenue and 500 ft south of Laburnum Avenue at water tower. Owner: Henrico County.

AQUIFER.--Middle Potomac aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused water well, diameter 8 in. to 167 ft, diameter 6 in. from 167 to 275 ft, depth 275 ft, screened 167 to 186 ft, 213 to 226 ft, 248 to 258 ft.

INSTRUMENTATION.--Weekly measurements by Henrico County personnel and occasional measurements with chalked tape by USGS personnel. Prior to Apr. 2, 1992, digital recorder--60-minute punch.

DATUM.--Elevation of land-surface datum is 168 ft above sea level, from topographic map. Measuring point: Top of casing, 1.7 ft above land-surface datum prior to Apr. 8, 1992; 0.2 ft thereafter.

REMARKS.--Water level affected by regional decline and local pumpage.

PERIOD OF RECORD.--January 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 190.85 ft below land-surface datum, Apr. 7, 1988; lowest measured, 197.63 ft below land-surface datum, Dec. 23, 1998.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 07	197.42	DEC 09	197.26	FEB 10	197.23	APR 14	196.98	JUN 16	197.04	AUG 25	196.98
14	197.09	16	197.13	17	197.05	21	197.08	23	197.16	SEP 01	197.03
21	197.27	23	197.63	24	197.42	28	197.15	30	196.85	08	196.80
28	197.15	30	197.80	MAR 03	196.84	MAY 05	196.97	JUL 07	196.97	15	196.92
NOV 04	197.07	JAN 06	197.43	12	197.05	12	197.10	14	196.12	22	196.75
10	197.42	13	197.24	17	196.03	19	196.97	21	197.09	29	197.00
18	197.38	20	197.19	24	197.07	26	196.90	28	196.93		
25	197.37	27	197.33	31	197.38	JUN 02	197.05	AUG 04	197.00		
DEC 02	197.42	FEB 03	197.07	APR 07	197.14	09	197.00	18	196.86		

WATER YEAR 1999	HIGHEST	196.75	SEP 22, 1999
	LOWEST	197.63	DEC 23, 1998

