

CHESTER COUNTY

400453075255601. Local number, CH 210.

LOCATION.--Lat 40°04'53", long 75°25'56", Hydrologic Unit 02040203, at Red Coat Lane, near Valley Forge Park.

Owner: Privately owned.

AQUIFER.--Elbrook limestone.

WELL CHARACTERISTICS.--Drilled unused observation well, diameter 12 in., depth 600 ft, cased to 26 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape by U.S. Geological Survey personnel. Monthly measurements for Feb. to Sept. made with electric tape.

DATUM.--Elevation of land-surface datum is 150 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 1.4 ft above land-surface datum.

PERIOD OF RECORD.--June 1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 14.00 ft below land-surface datum, Feb. 26, 1979; lowest, 28.20 ft below land-surface datum, Sept. 19, 2002.

EXTREMES FOR CURRENT YEAR.--Highest water level, 16.12 ft below land-surface datum, Dec 18; lowest, 21.75 ft below land-surface datum, June 21.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
INSTANTANEOUS VALUES

DATE	WATER LEVEL										
OCT 20	21.22	DEC 18	16.12	FEB 18	19.44	APR 20	18.63	JUN 21	21.75	AUG 19	20.10
NOV 19	18.65	JAN 20	19.39	MAR 18	21.03	MAY 20	19.74	JUL 20	21.33	SEP 20	19.16