

## CHESTER COUNTY

394846075444901. Local number, CH 38.

**LOCATION.**--Lat 39°48'46", long 75°44'49", Hydrologic Unit 02040205, at New Garden Road and State Highway 41 at New Garden.  
Owner: Privately owned.

**AQUIFER.**--Wissahickon Formation.

**WELL CHARACTERISTICS.**--Dug observation well, diameter 46 in., depth 18.5 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 440 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of concrete cover, 0.5 ft above land surface datum.

**PERIOD OF RECORD.**--September 1974 to current year.

**EXTREMES FOR PERIOD OF RECORD.**--Highest water level, 2.00 ft below land-surface datum, July 21, 1989; lowest, 16.52 ft below land-surface datum, Sept. 18, 2002.

**EXTREMES FOR CURRENT YEAR.**--Highest water level, 2.87 ft below land-surface datum, Sept. 22; lowest, 14.61 ft below land-surface datum, Oct. 21.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003  
INSTANTANEOUS VALUES

DATE	WATER LEVEL										
OCT 21	14.61	DEC 20	9.47	FEB 20	7.71	APR 21	4.88	JUN 19	4.99	AUG 20	7.42
NOV 20	12.62	JAN 21	6.96	MAR 19	5.24	MAY 20	6.55	JUL 21	6.11	SEP 22	2.87