

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 electric tape by U.S. Geological Survey personnel.

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, 1.98 ft below land-surface datum, Dec. 18, 2003; lowest, 16.52 ft below land-surface datum, Sept. 18, 2002.

EXTREMES FOR CURRENT YEAR.--Highest water level, 4.36 ft below land-surface datum, Jan. 19; lowest, 11.65 ft below land-surface datum, Sept. 20.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
INSTANTANEOUS VALUES

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 20	5.66	DEC 21	5.53	FEB 22	5.73	APR 19	5.10	JUN 20	8.47	AUG 22	10.41
NOV 19	6.76	JAN 19	4.36	MAR 21	6.87	MAY 19	7.21	JUL 20	9.11	SEP 20	11.65