

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: Mr. G. Jones.

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.

DATUM.--Elevation of land-surface datum is 440 ft above sea level, 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 CURRENT YEAR.--Highest water level, 3.56 ft below land-surface datum, Apr. 24; lowest, 10.11 ft below land-surface datum, Sept. 20.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 2.00 ft below land-surface datum, July 21, 1989; lowest, 15.26 ft below land-surface datum, Jan. 22, 1981.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
INSTANTANEOUS VALUES

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 19	6.86	DEC 20	7.08	FEB 22	5.79	APR 24	3.56	JUN 20	7.61	AUG 17	9.69
NOV 22	8.00	JAN 21	7.26	MAR 20	5.81	MAY 22	6.12	JUL 20	8.72	SEP 20	10.11