

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, 7.37 ft below land-surface datum, Apr. 21; lowest, 15.05 ft below land-surface datum, Dec. 22.

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 1998 TO SEPTEMBER 1999
INSTANTANEOUS VALUES

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 20	12.33	DEC 22	15.05	FEB 22	10.29	APR 21	7.37	JUN 29	9.58	AUG 19	12.20
NOV 24	13.95	JAN 20	11.87	MAR 19	9.40	MAY 20	8.00	JUL 19	10.29	SEP 20	7.85