

CHESTER COUNTY

400325075332501. Local number, CH 2313.

LOCATION.--Lat 40°03'25", long 75°33'25", Hydrologic Unit 02040203, at Moores Road and Sidley Road, East Whiteland Township.
Owner: Philadelphia Suburban Water Co.

AQUIFER.--Elbrook limestone.

WELL CHARACTERISTICS.--Drilled unused artesian observation well, diameter 8 to 20 in., depth 507 ft, cased to 22 ft with 20 in. diameter casing.

INSTRUMENTATION.--Monthly measurement with electric tape by U.S. Geological Survey personnel.

DATUM.--Elevation of land-surface datum is 330 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of inner casing, 2.4 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 1.50 ft above land-surface datum, April 21, 1983; lowest, 21.65 ft below land-surface datum, Sept. 18, 2002.

EXTREMES FOR CURRENT YEAR.--Highest water level, 2.13 ft below land-surface datum, Apr. 20; lowest, 11.57 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	6.00	DEC 21	4.32	FEB 22	3.94	APR 20	2.13	JUN 20	6.30	AUG 22	10.01
NOV 19	6.39	JAN 19	3.29	MAR 21	4.33	MAY 19	3.93	JUL 20	8.09	SEP 20	11.57