

## 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 chalked 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, 14.24 ft below land-surface datum, Oct. 17; lowest, 21.65 ft below land-surface datum, Sept. 18.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
INSTANTANEOUS VALUES

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	14.24	DEC 18	17.18	FEB 14	18.62	APR 17	19.18	JUN 20	17.42	AUG 13	20.21
NOV 08	15.58	JAN 17	18.07	MAR 20	19.15	MAY 21	17.21	JUL 18	19.13	SEP 18	21.65