

## CHESTER COUNTY

395540075332601. Local number, CH 1387.

**LOCATION.**--Lat 39°55'40", long 75°33'26", Hydrologic Unit 02040202, at State Highway 926 and Northgate Road, near Westtown.  
Owner: Gowen.

**AQUIFER.**--Felsic and intermediate gneiss, amphibolite facies.

**WELL CHARACTERISTICS.**--Drilled unused observation well, diameter 5 in., depth 159 ft, cased to 41 ft.

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

**DATUM.**--Elevation of land-surface datum is 329 ft above sea level, from topographic map. Measuring point: Top of casing, 1.0 ft above land-surface datum.

**PERIOD OF RECORD.**--September 1974 to current year.

**EXTREMES FOR CURRENT YEAR.**--Highest water level, 29.99 ft below land-surface datum, Apr. 24; lowest, 33.96 ft below land-surface datum, Oct. 19.

**EXTREMES FOR PERIOD OF RECORD.**--Highest water level, 28.28 ft below land-surface datum, Dec. 19, 1996; lowest, 39.45 ft below land-surface datum, Oct. 21, 1977

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

DATE	WATER LEVEL										
OCT 19	33.96	DEC 20	33.26	FEB 22	32.35	APR 24	29.99	JUN 20	31.82	AUG 18	32.49
NOV 22	33.82	JAN 21	33.10	MAR 20	31.91	MAY 22	30.51	JUL 20	32.46	SEP 20	33.89