

## CHESTER COUNTY

400645075411501. Local number, CH 1247.

**LOCATION.**--Lat 40°06'45", long 75°41'15", Hydrologic Unit 020402053, at State Highway 401 and 100, at Ludwigs Corner.  
Owner: Privately owned.

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

**WELL CHARACTERISTICS.**--Dug unused observation well, diameter 4 ft., depth 75 ft.

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

**DATUM.**--Elevation of land-surface datum is 610 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 2.0 ft above land-surface datum.

**PERIOD OF RECORD.**--December 1973 to current year.

**EXTREMES FOR PERIOD OF RECORD.**--Highest water level, 25.61 ft below land-surface datum, April 21, 1983; lowest, 36.14 ft below land-surface datum, Jan. 22, 1996.

**EXTREMES FOR CURRENT YEAR.**--Highest water level, 32.33 ft below land-surface datum, Oct. 17; lowest, 34.70 ft below land-surface datum, Jan. 18, Feb. 15, Mar. 21, Apr. 18, May 22, Sept. 19.

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	32.33	DEC 19	34.38	FEB 15	34.70	APR 18	34.70	JUN 21	33.90	AUG 14	34.37
NOV 09	33.14	JAN 18	34.70	MAR 21	34.70	MAY 22	34.70	JUL 19	33.49	SEP 19	34.70