

## 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 electric 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.

**REMARKS.**--Well is dry at 34.70 ft.

**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, 26.76 ft below land-surface datum, Apr. 19; lowest, 30.67 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 21	28.27	DEC 21	27.16	FEB 23	27.82	APR 19	26.76	JUN 20	28.50	AUG 22	29.78
NOV 19	28.41	JAN 20	27.03	MAR 21	27.8	MAY 19	27.81	JUL 20	29.02	SEP 20	30.67