

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. Monthly measurements for Feb. to Sept. made with electric tape.

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, 26.90 ft below land-surface datum, Dec. 19; lowest, 28.61 ft below land-surface datum, Sept. 21.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
INSTANTANEOUS VALUES

DATE	WATER LEVEL										
OCT 21	28.22	DEC 19	26.90	FEB 19	28.11	APR 21	27.58	JUN 22	27.27	AUG 20	28.26
NOV 20	27.75	JAN 21	27.63	MAR 19	28.50	MAY 21	27.75	JUL 21	28.46	SEP 21	28.61