

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: Dwire.

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 sea level, 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 CURRENT YEAR.--Highest water level, 29.12 ft below land-surface datum, Apr. 22; lowest, 34.06 ft below land-surface datum, Jan. 21.

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.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
INSTANTANEOUS VALUES

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 20	32.40	DEC 23	33.28	FEB 24	32.84	APR 22	29.12	JUN 29	30.74	AUG 20	33.90
NOV 24	33.30	JAN 21	34.06	MAR 19	31.27	MAY 20	29.39	JUL 19	29.94	SEP 21	33.72