

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: Audrey Panu.

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, 27.65 ft below land-surface datum, Apr. 24; lowest, 33.36 ft below land-surface datum, Oct. 20.

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 1999 TO SEPTEMBER 2000
INSTANTANEOUS VALUES

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 20	33.36	DEC 20	32.27	FEB 22	30.70	APR 24	27.65	JUN 20	28.33	AUG 18	29.28
NOV 22	32.66	JAN 21	30.46	MAR 20	29.21	MAY 23	27.94	JUL 20	28.56	SEP 20	29.83