

CHESTER COUNTY

400412075404301. Local number, CH 1229.

LOCATION.--Lat 40°04'12", long 75°40'43", Hydrologic Unit 02040205, State Highway 100 and Pennsylvania Turnpike, near Eagle.
Owner: Privately owned.

AQUIFER.--Graphitic felsic gneiss, amphibolite facies.

WELL CHARACTERISTICS.--Drilled unused observation well, diameter 6 in., depth 165 ft, cased to 31 ft.

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

DATUM.--Elevation of land-surface datum is 540 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 0.5 ft above land-surface datum.

PERIOD OF RECORD.--April 1974 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 29.15 ft below land-surface datum, April 21, 1952; lowest, 44.09 ft below land-surface datum, Aug. 20, 1985.

EXTREMES FOR CURRENT YEAR.--Highest water level, 31.62 ft below land-surface datum, Jan. 20; lowest, 39.50 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	35.11	DEC 21	32.80	FEB 23	33.61	APR 19	31.90	JUN 20	36.07	AUG 22	38.45
NOV 19	34.64	JAN 20	31.62	MAR 21	34.06	MAY 20	34.35	JUL 20	37.17	SEP 20	39.50