

## CHESTER COUNTY

400242075484301. Local number, CH 2273.

**LOCATION.**--Lat 40°02'42", long 75°48'43", Hydrologic Unit 02040205, at Culbertson Run Road and State Highway 82, West Brandywine Township.  
Owner: U. S. Geological Survey.

**AQUIFER.**--Felsic gneiss, amphibolite facies.

**WELL CHARACTERISTICS.**--Drilled unused artesian observation well, diameter 6 in., depth 298 ft, cased to 45 ft.

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

**DATUM.**--Elevation of land-surface datum is 590 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of recorder platform, 4.55 ft above land-surface datum.

**PERIOD OF RECORD.**--October 1983 to current year.

**EXTREMES FOR PERIOD OF RECORD.**--Highest water level, 4.49 ft above land-surface datum, Dec. 19, 1996; lowest, 4.91 ft below land-surface datum, Sept. 18, 2002.

**EXTREMES FOR CURRENT YEAR.**--Highest water level, 1.08 ft above land-surface datum, Apr. 19; lowest, 1.91 ft below land-surface datum, Sept. 20.

DEPTH ABOVE (-) OR 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 20	- .99	DEC 21	-1.03	FEB 22	-1.05	APR 19	-1.08	JUN 20	- .90	AUG 22	1.43
NOV 19	-1.03	JAN 20	-1.05	MAR 21	-1.05	MAY 19	-1.03	JUL 20	- .46	SEP 20	1.91