

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 chalked tape by U.S. Geological Survey personnel.

DATUM.--Elevation of land-surface datum is 590 ft above sea level, 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 CURRENT YEAR.--Highest water level, 0.93 ft above land-surface datum, Apr. 21; lowest, 2.95 ft below land-surface datum, Aug. 19.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 4.49 ft above land-surface datum, Dec. 19, 1996; lowest, 4.43 ft below land-surface datum, Nov. 20, 1991.

DEPTH ABOVE (-) OR 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	1.18	DEC 22	2.81	FEB 24	0.38	APR 21	-0.93	JUN 29	0.35	AUG 19	2.95
NOV 24	2.12	JAN 20	1.64	MAR 19	-0.05	MAY 20	-0.61	JUL 20	1.30	SEP 21	2.17