

## CHESTER COUNTY

400847075414701. Local number, CH 2328.

**LOCATION.**--Lat 40°08'47", long 75°41'47", Hydrologic Unit 02040203, at Prizer Road, near Coventryville.

Owner: U.S. Geological Survey.

**AQUIFER.**--Graphitic felsic gneiss, granulite facies.

**WELL CHARACTERISTICS.**--Drilled unused artesian observation well, diameter 6 in., depth 323 ft, cased to 98 ft.

**INSTRUMENTATION.**--Monthly measurement with chalked tape by U.S. Geological Survey personnel. Monthly measurements for Feb. to Sept. made with electric tape.

**DATUM.**--Elevation of land-surface datum is 452 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 3.5 ft above land-surface datum.

**PERIOD OF RECORD.**--May 1975 to current year.

**EXTREMES FOR PERIOD OF RECORD.**--Highest water level, .30 ft above land-surface datum, Dec. 18, 1996; lowest, 7.38 ft below land-surface datum, Sept. 19, 2002.

**EXTREMES FOR CURRENT YEAR.**--Highest water level, .36 ft below land-surface datum, Sept. 23; lowest, 6.24 ft below land-surface datum, Oct. 22.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003  
INSTANTANEOUS VALUES

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	6.24	DEC 19	2.94	FEB 21	2.15	APR 22	1.53	JUN 20	.93	AUG 21	1.56
NOV 21	4.01	JAN 22	1.62	MAR 20	1.58	MAY 21	2.11	JUL 22	.85	SEP 23	.36