

## CHESTER COUNTY

395717075392301. Local number, CH 12.

**LOCATION.**--Lat 39°57'17", long 75°39'23", Hydrologic Unit 02040205, at Deborah's Rock Farm at State Highway 162, at Copesville.  
Owner: Privately owned.

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

**WELL CHARACTERISTICS.**--Dug unused observation well, diameter 29 in., depth 38.5 ft.

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

**DATUM.**--Elevation of land-surface datum is 248 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of wooden cover, 2.0 ft above land surface datum.

**REMARKS.**--Well dry entire year. Well is dry at 38.50 ft. In past, well was at least 39.2 ft deep, but has since filled with silt to 38.5 ft. Measuring point changed Dec. 26, 1990.

**PERIOD OF RECORD.**--July 1951 to current year.

**EXTREMES FOR PERIOD OF RECORD.**--Highest water level, 28.98 ft below land-surface datum, Apr. 20, 1993; lowest, 39.13 ft below land-surface datum, Oct. 18, 1951.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
INSTANTANEOUS VALUES

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 18	38.50	DEC 19	38.50	FEB 15	38.50	APR 18	38.50	JUN 21	38.50	AUG 14	38.50
NOV 09	38.50	JAN 18	38.50	MAR 21	38.50	MAY 22	38.50	JUL 19	38.50	SEP 18	38.50