

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 electric 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 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.

EXTREMES FOR CURRENT YEAR.--Highest water level, 30.92 ft below land-surface datum, Apr. 19; lowest, 37.26 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										
OCT 21	33.37	DEC 21	31.88	FEB 23	32.45	APR 19	30.92	JUN 20	34.56	AUG 22	36.55
NOV 19	33.84	JAN 20	31.54	MAR 21	33.15	MAY 19	32.40	JUL 20	35.65	SEP 20	37.26