

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: Mr. Thomas Harney.

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 sea level, 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 CURRENT YEAR.--Highest water level, 36.65 ft below land-surface datum, Apr. 22; lowest, 38.50 ft below land-surface datum, Oct. 21, Nov. 24, Dec. 22, Jan. 21, Feb. 24, Mar. 19, July 20, Aug. 20, Sept. 21.

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 1998 TO SEPTEMBER 1999
INSTANTANEOUS VALUES

DATE	WATER LEVEL										
OCT 21	38.50	DEC 22	38.50	FEB 24	38.50	APR 22	36.65	JUN 29	36.67	AUG 20	38.50
NOV 24	38.50	JAN 21	38.50	MAR 19	38.50	MAY 20	36.73	JUL 20	38.50	SEP 21	38.50