

CHESTER COUNTY

400400075314401. Local number, CH 89.

LOCATION.--Lat 40°04'00", long 75°31'44", Hydrologic Unit 02040203, at quarry on Yellow Springs Road, near Devault.
Owner: U.S. Geological Survey/Warner Co.

AQUIFER.--Elbrook limestone.

WELL CHARACTERISTICS.--Drilled unused observation well, diameter 6 in., depth 265 ft, cased to 112 ft.

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

DATUM.--Elevation of land-surface datum is 365 ft above sea level, from topographic map. Measuring point: Top of casing, 3.62 ft above land-surface datum.

PERIOD OF RECORD.--May 1988 to current year.

EXTREMES FOR CURRENT YEAR.--Highest water level, 153.30 ft below land-surface datum, Apr. 26; lowest, 160.26 ft below land-surface datum, Jan. 21.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 150.49 ft below land-surface datum, Dec. 18, 1996; lowest, 183.77 ft below land-surface datum, Feb. 21, 1989.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
INSTANTANEOUS VALUES

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 20	157.77	DEC 20	159.21	FEB 22	158.71	APR 26	153.30	JUN 20	154.27	AUG 22	155.84
NOV 22	159.66	JAN 21	160.26	MAR 20	158.70	MAY 22	153.68	JUL 20	155.24	SEP 20	156.56