

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/Trammell Crow

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 National Geodetic Vertical Datum of 1929, 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 PERIOD OF RECORD.--Highest water level, 122.66 ft below land-surface datum, Feb. 18, 2004; lowest, 183.77 ft below land-surface datum, Feb. 21, 1989.

EXTREMES FOR CURRENT YEAR.--Highest water level, 122.66 ft below land-surface datum, Feb. 18; lowest, 132.83 ft below land-surface datum, Oct. 20.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
INSTANTANEOUS VALUES

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 20	132.83	DEC 18	123.23	FEB 18	122.66	APR 20	123.86	JUN 21	127.20	AUG 19	128.11
NOV 19	127.19	JAN 21	123.83	MAR 18	124.34	MAY 20	125.45	JUL 20	126.34	SEP 20	128.16