

CHESTER COUNTY

395540075332601. Local number, CH 1387.

LOCATION.--Lat 39°55'40", long 75°33'26", Hydrologic Unit 02040202, at State Highway 926 and Northgate Road, near Westtown.
Owner: Privately owned.

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

WELL CHARACTERISTICS.--Drilled unused observation well, diameter 5 in., depth 159 ft, cased to 41 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape by U.S. Geological Survey personnel. Monthly measurements for Feb. to Sept. made with electric tape.

DATUM.--Elevation of land-surface datum is 329 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 1.0 ft above land-surface datum.

PERIOD OF RECORD.--September 1974 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 28.28 ft below land-surface datum, Dec. 19, 1996; lowest, 39.45 ft below land-surface datum, Oct. 21, 1977.

EXTREMES FOR CURRENT YEAR.--Highest water level, 28.78 ft below land-surface datum, Dec. 18; lowest, 31.71 ft below land-surface datum, Sept. 20.

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

| DATE | WATER LEVEL |
|--------|-------------|--------|-------------|--------|-------------|--------|-------------|--------|-------------|--------|-------------|
| OCT 20 | 31.37 | DEC 18 | 28.78 | FEB 18 | 30.45 | APR 20 | 30.88 | JUN 21 | 31.63 | AUG 19 | 30.06 |
| NOV 19 | 30.26 | JAN 20 | 29.98 | MAR 18 | 31.41 | MAY 20 | 30.90 | JUL 20 | 31.67 | SEP 20 | 31.71 |