

CHESTER COUNTY

400242075484301. Local number, CH 2273.

LOCATION.--Lat 40°02'42", long 75°48'43", Hydrologic Unit 02040205, at Culbertson Run Road and State Highway 82, West Brandywine Township.
Owner: U. S. Geological Survey.

AQUIFER.--Felsic gneiss, amphibolite facies.

WELL CHARACTERISTICS.--Drilled unused artesian observation well, diameter 6 in., depth 298 ft, cased to 45 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 590 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of recorder platform, 4.55 ft above land-surface datum.

PERIOD OF RECORD.--October 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 4.49 ft above land-surface datum, Dec. 19, 1996; lowest, 4.91 ft below land-surface datum, Sept. 18, 2002.

EXTREMES FOR CURRENT YEAR.--Highest water level, 1.34 ft above land-surface datum, Sept. 23; lowest, 4.26 ft below land-surface datum, Oct. 21.

DEPTH ABOVE (-) OR BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
INSTANTANEOUS VALUES

| DATE | WATER LEVEL |
|--------|----------------|--------|----------------|--------|----------------|--------|----------------|--------|----------------|--------|----------------|
| OCT 21 | 4.26 | DEC 19 | .87 | FEB 21 | -.88 | APR 21 | -1.05 | JUN 19 | -1.10 | AUG 20 | -1.17 |
| NOV 21 | 2.42 | JAN 21 | -1.02 | MAR 19 | -1.07 | MAY 21 | -1.04 | JUL 21 | -1.15 | SEP 23 | -1.34 |