

CHESTER COUNTY

394624075444001. Local number, CH 2663.

LOCATION.--Lat 39°46'24", long 75°44'40", Hydrologic Unit 02040205, at Broad Run Road and Newark Road, New Garden Township.
Owner: Privately owned.

AQUIFER.--Cockeysville marble.

WELL CHARACTERISTICS.--Drilled unused observation well, diameter 6 in., depth 150 ft.

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

DATUM.--Elevation of land-surface datum is 220 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 2.20 ft above land-surface datum. Prior to May 21, 2001 measuring point was 1.30 ft above land-surface datum.

PERIOD OF RECORD.--January 1984 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 7.65 ft below land-surface datum, Sept. 23, 2003; lowest, 11.67 ft below land-surface datum, July 18, 1985.

EXTREMES FOR CURRENT YEAR.--Highest water level, 9.25 ft below land-surface datum, Jan. 19; lowest, 10.91 ft below land-surface datum, Sept. 20.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
INSTANTANEOUS VALUES

| DATE | WATER LEVEL |
|--------|----------------|--------|----------------|--------|----------------|--------|----------------|--------|----------------|--------|----------------|
| OCT 20 | 9.31 | DEC 21 | 9.54 | FEB 22 | 9.68 | APR 20 | 9.56 | JUN 20 | 10.45 | AUG 22 | 10.80 |
| NOV 19 | 9.66 | JAN 19 | 9.25 | MAR 21 | 9.96 | MAY 19 | 10.13 | JUL 20 | 10.55 | SEP 20 | 10.91 |