

CHESTER COUNTY

400847075414701. Local number, CH 2328.

LOCATION.--Lat 40°08'47", long 75°41'47", Hydrologic Unit 02040203, at Prizer Road, near Coventryville.

Owner: U.S. Geological Survey.

AQUIFER.--Graphitic felsic gneiss, granulite facies.

WELL CHARACTERISTICS.--Drilled unused artesian observation well, diameter 6 in., depth 323 ft, cased to 98 ft.

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

DATUM.--Elevation of land-surface datum is 452 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 3.5 ft above land-surface datum.

PERIOD OF RECORD.--May 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, .30 ft above land-surface datum, Dec. 18, 1996; lowest, 7.38 ft below land-surface datum, Sept. 19, 2002.

EXTREMES FOR CURRENT YEAR.--Highest water level, 3.87 ft below land-surface datum, May 22; lowest, 7.38 ft below land-surface datum, Sept. 19.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
INSTANTANEOUS VALUES

| DATE | WATER LEVEL | DATE | WATER LEVEL | DATE | WATER LEVEL | DATE | WATER LEVEL | DATE | WATER LEVEL | DATE | WATER LEVEL |
|--------|----------------|--------|----------------|--------|----------------|--------|----------------|--------|----------------|--------|----------------|
| OCT 17 | 4.66 | DEC 19 | 5.65 | FEB 15 | 5.37 | APR 18 | 4.83 | JUN 21 | 4.34 | AUG 14 | 6.51 |
| NOV 09 | 5.15 | JAN 18 | 5.60 | MAR 21 | 4.77 | MAY 22 | 3.87 | JUL 19 | 5.31 | SEP 19 | 7.38 |