

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 and V. Guest.

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 sea level, 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, 5.80 ft below land-surface datum, Sept. 20, 1985.

EXTREMES FOR CURRENT YEAR.--Highest water level, 1.01 ft below land-surface datum, Apr. 19; lowest, 4.28 ft below land-surface datum, Sept. 21.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
INSTANTANEOUS VALUES

| DATE | WATER LEVEL | DATE | WATER LEVEL | DATE | WATER LEVEL | DATE | WATER LEVEL | DATE | WATER LEVEL | DATE | WATER LEVEL |
|--------|----------------|--------|----------------|--------|----------------|--------|----------------|--------|----------------|--------|----------------|
| OCT 19 | 2.37 | DEC 19 | 2.23 | FEB 20 | 1.74 | APR 19 | 1.01 | JUN 20 | 2.10 | AUG 21 | 3.55 |
| NOV 22 | 2.91 | JAN 19 | 2.55 | MAR 20 | 1.59 | MAY 21 | 1.74 | JUL 19 | 2.99 | SEP 21 | 4.28 |