

## CHESTER COUNTY

400133075450001. Local number, CH 2456.

**LOCATION.**--Lat 40°01'33", long 75°45'00", Hydrologic Unit 02040205, at State Highway 322, at Guthriesville.

Owner: East Brandywine Baptist Church.

**AQUIFER.**--Felsic gneiss, amphibolite facies.

**WELL CHARACTERISTICS.**--Drilled unused observation well, diameter 6 in., depth 225 ft, cased to 33 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 560 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 1.9 ft above land-surface datum.

**PERIOD OF RECORD.**--February 1982 to current year.

**EXTREMES FOR PERIOD OF RECORD.**--Highest water level, 18.00 ft below land-surface datum, Jan. 22, 1996; lowest, 22.00 ft below land-surface datum, Jan. 21, 1986.

**EXTREMES FOR CURRENT YEAR.**--Highest water level, 18.20 ft below land-surface datum, Dec. 18; lowest, 19.39 ft below land-surface datum, Mar. 19.

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

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 20	18.90	DEC 18	18.20	FEB 18	19.27	APR 20	18.78	JUN 21	19.10	AUG 19	18.85
NOV 20	18.62	JAN 20	19.12	MAR 19	19.39	MAY 20	18.93	JUL 20	18.95	SEP 20	18.79