

CHESTER COUNTY

400412075404301. Local number, CH 1229.

LOCATION.--Lat 40°04'12", long 75°40'43", Hydrologic Unit 02040205, State Highway 100 and Pennsylvania Turnpike, near Eagle.**AQUIFER.**--Graphitic felsic gneiss, amphibolite facies.**WELL CHARACTERISTICS.**--Drilled unused observation well, diameter 6 in., depth 165 ft, cased to 31 ft.**INSTRUMENTATION.**--Monthly measurement with chalked tape by U.S. Geological Survey personnel.**DATUM.**--Elevation of land-surface datum is 540 ft above sea level, from topographic map. Measuring point: Top of casing, 0.5 ft above land-surface datum.**PERIOD OF RECORD.**--April 1974 to current year.**EXTREMES FOR CURRENT YEAR.**--Highest water level, 34.07 ft below land-surface datum, Apr. 24; lowest, 39.06 ft below land-surface datum, Nov. 22.**EXTREMES FOR PERIOD OF RECORD.**--Highest water level, 29.15 ft below land-surface datum, April 21, 1952; lowest, 44.09 ft below land-surface datum, Aug. 20, 1985.DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
INSTANTANEOUS VALUES

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 20	38.42	DEC 20	36.95	FEB 22	35.91	APR 24	34.07	JUN 20	35.82	AUG 18	36.93
NOV 22	39.06	JAN 21	37.76	MAR 20	36.31	MAY 23	34.92	JUL 20	36.59	SEP 20	37.73