

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 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.**EXTREMES FOR CURRENT YEAR.**--Highest water level, 33.81 ft below land-surface datum, Apr. 19; lowest, 39.95 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	37.49	DEC 19	36.46	FEB 20	35.78	APR 19	33.81	JUN 20	35.36	AUG 21	38.65
NOV 22	38.78	JAN 19	38.25	MAR 20	35.05	MAY 21	35.32	JUL 19	37.02	SEP 21	39.95