



EXPLANATION

Pre-1986 measurements were incorporated on the map to provide control in areas where more-recent data were not available. Because little ground-water development has occurred in the areas where pre-1986 water levels were used, levels are assumed to be the same in 1986 as they were when the measurement was made.

BOUNDARY OF STUDY AREA

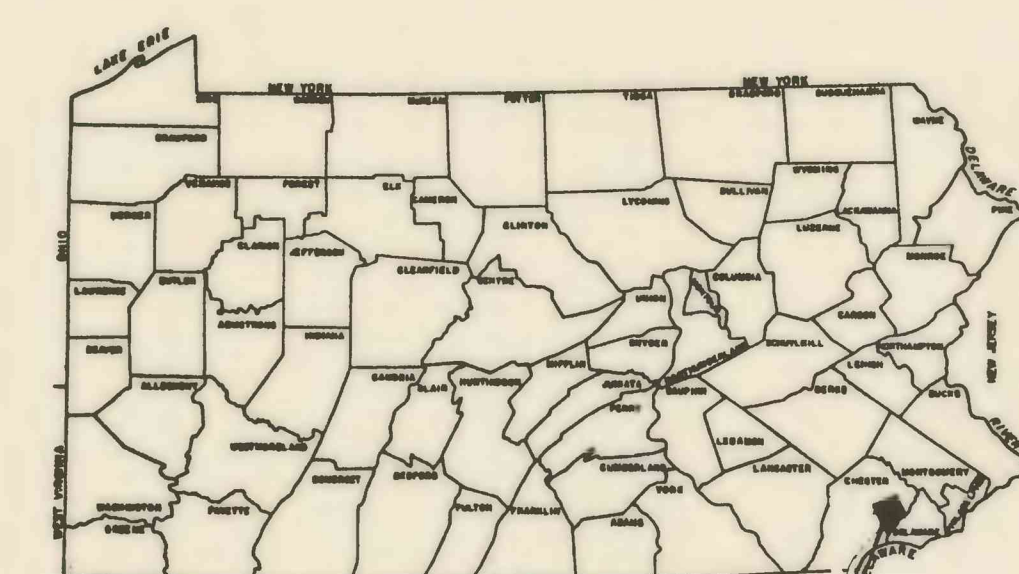
400-- WATER-TABLE CONTOUR -- Line of equal water table altitude in feet above National Geodetic Vertical Datum of 1929. Dashed where approximately located. Contour interval 20 feet.

SITE USED FOR WATER-TABLE ALTITUDE -- Symbol gives location of site. Number gives altitude of water table in feet above National Geodetic Vertical Datum of 1929. Wells and springs outside the study area are shown where they were used to contour the water-table altitudes.

316 (1984) Static water-table altitude measured in drilled or dug well and year of water-level observation (in parenthesis) measured or reported for a period other than July and August 1986.

296 Water-level altitude measured in a pumped well in July or August 1986. Wells were measured after they had been pumped for several hours and water levels had reached a nearly constant altitude.

338 Elevation of spring that was flowing in July and August 1986.



LOCATION OF MAPPED AREA

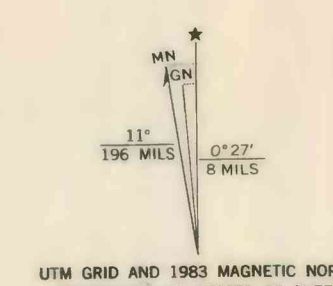
SCALE 1:24,000

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 0 1 2 3 4 5 6 7 8 9 10 KILOMETER

CONTOUR INTERVAL 10 FEET

NATIONAL GEODETIC VERTICAL DATUM OF 1929



UTM GRID AND 1983 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

Base from U.S. Geological Survey
Downtown 1:24,000, 1983;
Malvern 1:24,000, 1983;
Unionville 1:24,000, 1983; and
West Chester 1:24,000, 1983