

EXPLANATION

Pre-1993 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-1993 water levels were used, levels are assumed to be the same in 1993 and 1994 as they were when the measurement was made.

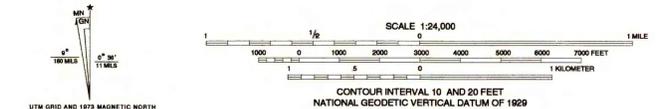
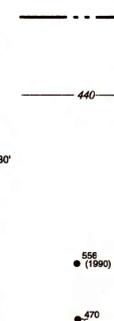
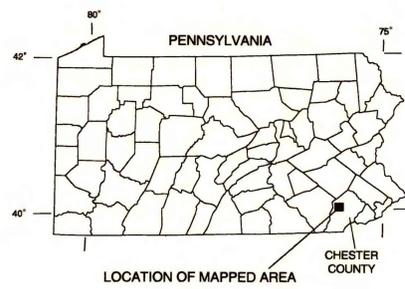
BOUNDARY OF STUDY AREA—The western, northern, and eastern boundaries are the township boundaries. The southern boundary is the contact between the carbonate rocks of the Chester Valley and the crystalline and metasedimentary rocks.

POTENTIOMETRIC CONTOUR—Shows altitude of potentiometric surface as defined by measured water levels. Potentiometric contours are approximate. Contoured potentiometric surface represents the water table except at wells that tap confined zones in the aquifer. Contour interval is 20 feet. Datum is sea level.

SITE USED FOR WATER-LEVEL MEASUREMENT
Symbol is at location of site. Number is altitude of water level in feet above sea level. Wells and springs outside the study area are shown where they were used to contour the potentiometric surface.

Well and altitude of static water level in drilled or dug well and year of water-level measurement (in parentheses) for a period other than April 1993 through August 1994

Spring that was flowing from April 1993 through August 1994



Base from U.S. Geological Survey
Cottsville, 1992;
Honey Brook, 1983;
Parkersburg, 1973;
Wagontown, 1983;
1:24,000 scale

ALTITUDE AND CONFIGURATION OF THE POTENTIOMETRIC SURFACE IN THE CRYSTALLINE AND METASEDIMENTARY ROCKS IN SADSBRURY, WEST CALN, AND WEST SADSBRURY TOWNSHIPS, CHESTER COUNTY, PENNSYLVANIA, APRIL 1993 THROUGH AUGUST 1994
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