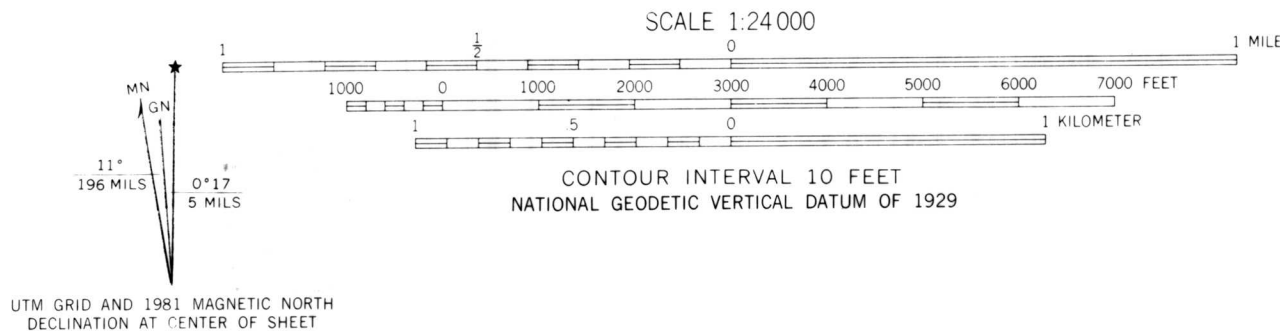


Base from U.S. Geological Survey
Collegeville, PA 1:24,000 1966
Interim revision 1983 and
Valley Forge, PA 1:24,000 1966
Interim revision 1981



EXPLANATION

— 70 — POTENTIOMETRIC CONTOUR—Shows altitude of potentiometric surface as defined by measured water levels. Dashed where approximately located. Hachured contour lines estimate depression in the potentiometric surface due to pumping. Contour interval is 10 feet. Altitude in feet above National Geodetic Vertical Datum of 1929

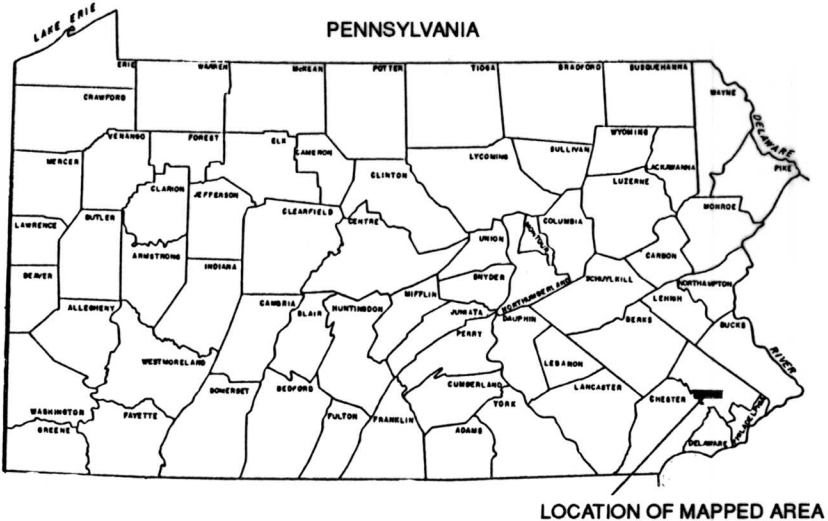
SITE USED FOR WATER-LEVEL MEASUREMENT—Symbol gives location of site. Number is altitude of water level in feet above National Geodetic Vertical Datum of 1929

72 ● Altitude of static water level measured in a drilled well

54 □ Altitude of water level measured in a pumping public supply well

109 ▲ Altitude of water level measured in a monitoring well screened in a deep water bearing zone. These data were not used to contour the potentiometric surface and are included for information only

The difference between the minimum and maximum depth to water for continuous measurements at two observation wells in Lower Providence Township was 8.80 feet in May and June 1994.



ALTITUDE AND CONFIGURATION OF THE POTENTIOMETRIC SURFACE IN PART OF LOWER PROVIDENCE TOWNSHIP,
MONTGOMERY COUNTY, PENNSYLVANIA, MAY AND JUNE 1994
By
B. Craig McManus