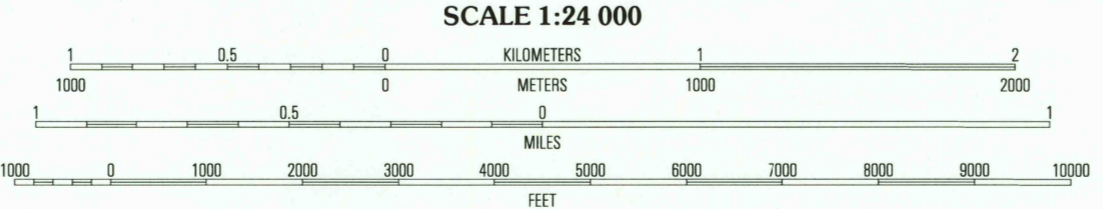
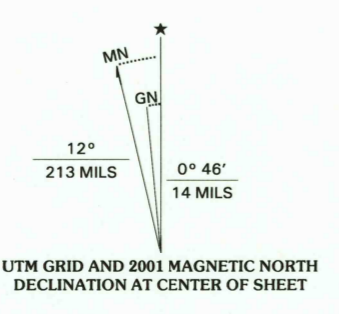
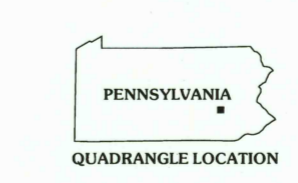


Produced by the United States Geological Survey in cooperation with Pennsylvania Department of Conservation and Natural Resources, Bureau of Topographic and Geologic Survey. Topography compiled 1999. Planimetry derived from imagery taken 1999 and other sources. Survey control current as of 1945. Boundaries current as of 2001. North American Datum of 1983 (NAD 83). Projection and 1:000-meter grid: Universal Transverse Mercator, zone 18. 2,500-meter ticks: Pennsylvania Coordinate System of 1983 (south zone). North American Datum of 1927 (NAD 27) is shown by dashed corner ticks. The values of the shift between NAD 83 and NAD 27 for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software. There may be private inholdings within the boundaries of the National or State reservations shown on this map. Houses of worship, schools, and other labeled buildings verified 1945.



SCALE 1:24 000
CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
(TO CONVERT ELEVATIONS TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, SUBTRACT 1 FOOT)
TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048



QUADRANGLE LOCATION

1	2	3
4	5	6
7	8	

ADJOINING 7.5' QUADRANGLE NAMES

- 1 Minersville
- 2 Pottsville
- 3 Orwigsburg
- 4 Swatara Hill
- 5 Ashers
- 6 Bethel
- 7 Strasstown
- 8 Berneville

ROAD CLASSIFICATION

- Primary highway: hard surface (solid red line), improved surface (dashed red line), secondary highway (dotted red line)
- Light-duty road, hard or improved surface (solid black line)
- Unimproved road (dotted black line)
- Interstate Route (red shield)
- U.S. Route (white shield)
- State Route (black shield)

FRIEDENSBURG, PA 1999
NIMA 5765 II SW-SERIES V831

RECEIVED
DEC 31 2001
USGS NMD
HISTORICAL MAP ARCHIVES

