

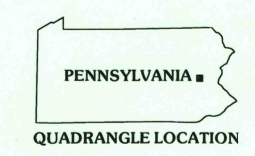
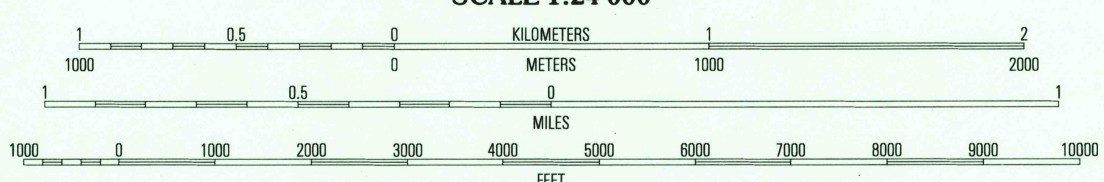
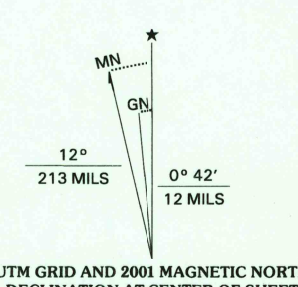
Produced by the United States Geological Survey in cooperation with Pennsylvania Department of Conservation and Natural Resources, Bureau of Topographic and Geologic Survey

Topography compiled 1999. Planimetry derived from imagery taken 1999 and other sources. Survey control current as of 1946 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 1946



ROAD CLASSIFICATION

Primary highway hard surface	Light-duty road, hard or improved surface
Secondary highway hard surface	Unimproved road
Interstate Route	U.S. Route
	State Route

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

1	2	3	1 Nuremberg
4	5	6	2 Conyngham
6	7	8	3 Hazleton
			4 Shenandoah
			5 Tamaqua
			6 Pottsville
			7 Orwigsburg
			8 New Ringgold

ADJOINING 7.5' QUADRANGLES

DELANO, PA
1999
NIMA 5765 1 SE-SERIES V831

RECEIVED
FEB 28 2002
USGS NWL
HISTORICAL MAP ARCHIVES

