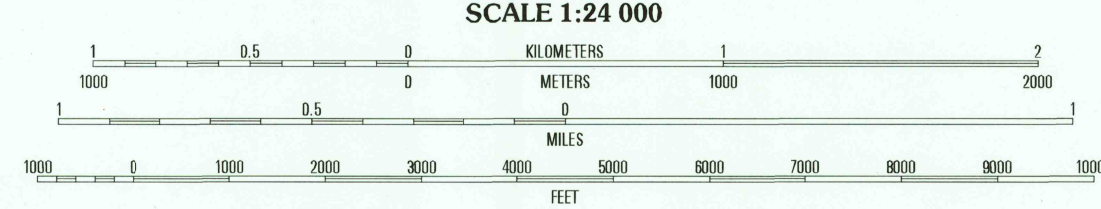
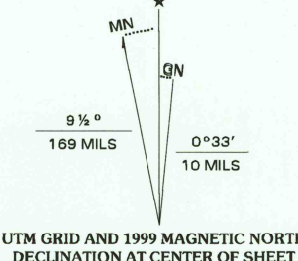


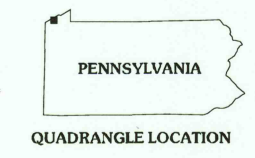


Produced by the United States Geological Survey in cooperation with Pennsylvania Department of Conservation and Natural Resources, Bureau of Topographic and Geologic Survey
Topography compiled 1993. Planimetry derived from imagery taken 1998. Survey control current as of 1957.
Selected hydrographic data compiled from NOS Charts 33 and 332 (1956). This information is not intended for navigational purposes.
North American Datum of 1983 (NAD 83). Projection and 1000-meter grid: Universal Transverse Mercator, zone 17
2 500-meter ticks: Pennsylvania Coordinate System of 1983 (north 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
Landmark buildings verified 1957



CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048
DEPTH CURVES AND SOUNDINGS IN FEET
REFERENCE LEVEL SEA LEVEL; INTERNATIONAL GREAT LAKES DATUM
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 25286, DENVER, COLORADO 80225
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



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

1	2	3	4	5	6	7	8
1	2	3	4	5	6	7	8

ADJOINING 7.5 QUADRANGLE NAMES

SWANVILLE, PA
1998
NIMA 4968 II SW-SERIES V831

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