

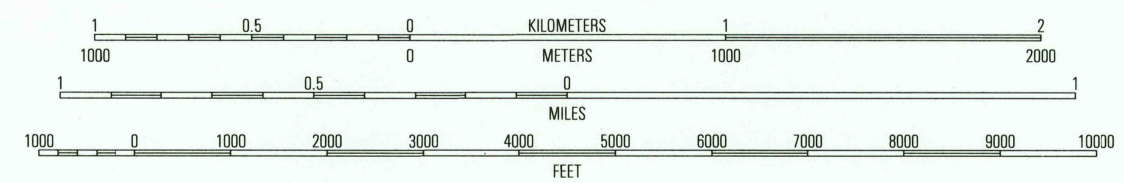
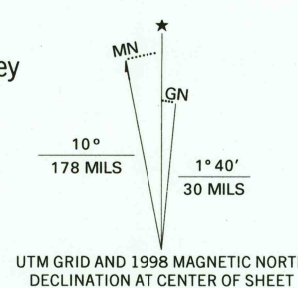
Produced by the United States Geological Survey in cooperation with Pennsylvania Department of Conservation and Natural Resources, Bureau of Topographic and Geologic Survey. Topography compiled 1962. Planimetry derived from imagery taken 1988 and other sources. Photomaps using imagery dated 1993; no major culture or drainage changes observed. Survey control current as of 1963. Boundaries, other than corporate, revised 1998.

North American Datum of 1927 (NAD 27). Projection and 10 000-foot ticks: Pennsylvania coordinate system, south zone (Lambert conformal conic). 1000-meter Universal Transverse Mercator grid, zone 17.

North American Datum of 1983 (NAD 83) is shown by dashed corner ticks. The values of the shift between NAD 27 and NAD 83 for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software.

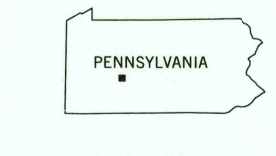
Light brown tint indicates reclaimed strip mine areas.

There may be private inholdings within the boundaries of the National or State reservations shown on this map.



CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048

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



QUADRANGLE LOCATION

1	2	3
4	5	6
7	8	9

ADJOINING 7.5-MINUTE QUADRANGLE NAMES

ROAD CLASSIFICATION

Primary highway
hard surface
Secondary highway
hard surface

Light-duty road, hard or
improved surface
Unimproved road

Interstate Route
U.S. Route
State Route

ALTOONA, PA

1993

NIMA 5365 III SW-SERIES V831

HISTORICAL MAP ARCHIVES
USGS M&D

JAN 31 1999

RECEIVED

