

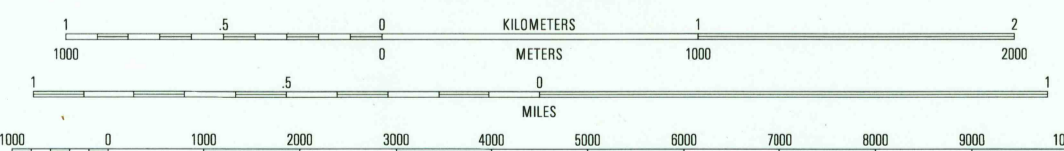
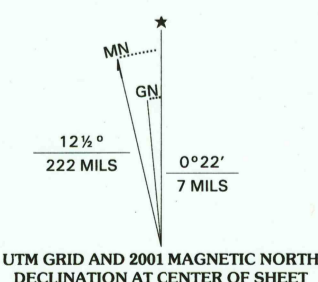
Produced by the United States Geological Survey  
in cooperation with Pennsylvania Department of  
Conservation and Natural Resources, Bureau of  
Topographic and Geologic Survey

Topography compiled 1999. Planimetry derived from imagery  
taken 1999 and other sources. Survey control current as of 1994.  
Boundaries current as of 2000.

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  
(north zone).

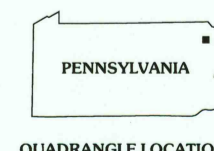
North American Datum of 1927 (NAD 27) is shown by dashed  
corner ticks. The values of the shift between NAD 83 and NAD 27  
for 7.5-minute intersections are obtainable from National Geodetic  
Survey NADCON software.

There may be private inholdings within the boundaries of  
the National or State reservations shown on this map.  
Houses of worship, schools, and other labeled buildings verified 1994.



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

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' QUADRANGLES

**ROAD CLASSIFICATION**

Primary highway  
hard surface .....  
Secondary highway  
hard surface .....  
Unimproved road .....

Light-duty road, hard or  
improved surface .....  
Unimproved road .....

Interstate Route U.S. Route State Route

OLYPHANT, PA  
1999

NIMA 5866 I NE-SERIES V831

RECEIVED  
APR 3 0 2001  
USGS NWL  
HISTORICAL MAP ARCHIVES

