

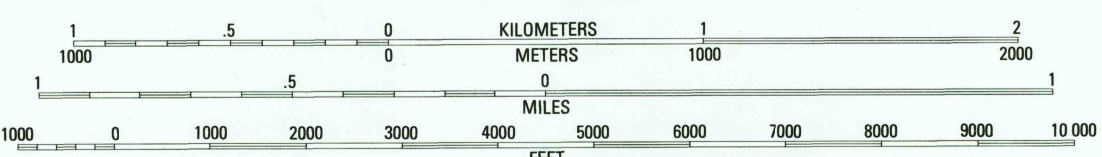
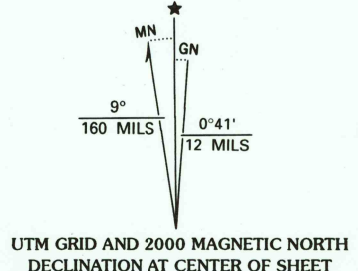
Produced by the United States Geological Survey  
In cooperation with Pennsylvania Department of Conservation  
and Natural Resources, Bureau of Topographic and Geologic Survey

Derived from imagery taken 1991 and other sources. Photospected  
using imagery taken 1997; no major culture or drainage changes  
observed. Survey control current as of 1992.  
Boundaries, other than corporate, revised 2000

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 (south zone)

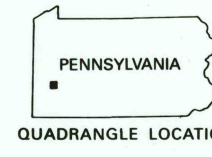
North American Datum of 1927 (NAD 27) is shown by dashed  
corner ticks. The values of the shift between NAD 83 and NAD 27  
for 7.5-minute intersections are obtainable from National Geodetic  
Survey NADCON software

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



SCALE 1:24 000  
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

**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

1	2	3
4	5	6
7	8	9

PITTSBURGH EAST, PA.

1997

NIMA 5064 1V NW-SERIES V831

RECEIVED  
NOV 3 0 2000  
USGS NMD  
HISTORICAL MAP ARCHIVES

