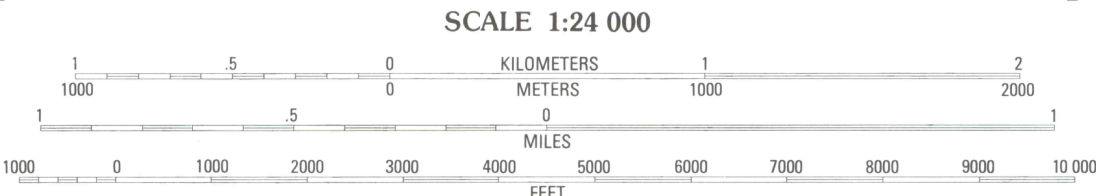
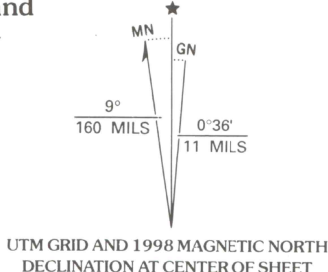


Produced by the United States Geological Survey in cooperation with Pennsylvania Department of Conservation and Natural Resources, Bureau of Topographic and Geologic Survey. Derived from imagery taken 1991 and other sources. Photoinspected using imagery taken 1997; no major culture or drainage changes observed. Survey control current as of 1992. Boundaries, other than corporate, revised 1998.

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.



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



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	1 Ambbridge
4	5	2 Emsworth	
6	7	3 Glenshaw	
		4 Oakdale	
		5 Pittsburgh East	
		6 Canonsburg	
		7 Bridgeville	
		8 Glassport	

ADJOINING 7.5' QUADRANGLE NAMES

PITTSBURGH WEST, PA.

1997

NIMA 4964 1 NE-SERIES V831

