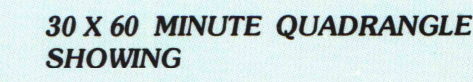


**WEST VIRGINIA—  
PENNSYLVANIA—OHIO**

**1:100 000-scale *metric*  
topographic map**



- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



1984

Produced by the United States Geological Survey  
Compiled from USGS 1:24 000-scale topographic maps dated  
1959-1979. Planimetry revised from aerial photographs taken 1980  
and other source data. Revised information not field checked  
March 1994.

Projection and 10 000-meter grid, zone 17: Universal Transverse Mercator. 25 000-foot grid ticks based on West Virginia coordinate system, north zone, Pennsylvania coordinate system, south zone, and Ohio coordinate system, south zone.  
1927 North American Datum

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

CONTOUR INTERVAL 20 METERS  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
ELEVATIONS SHOWN TO NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

**CONVERSION TABLE**

Centimeters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6850
7	22.9659
8	26.2467
9	29.5275
10	32.8084

To convert meters to feet multiply by 3.2808

To convert feet to meters multiply by 0.3048

**DECLINATION DIAGRAM**

UTM grid convergence (GN) and 1984 magnetic declination (MN) at center of map  
Diagram is approximate

**ADJOINING MAPS**

	1	2	3
1	Cochran		
2	Pittsburgh West		
3	Pittsburgh East		
4	Sevenmile Lake		
5	Morgentown		
6	Washington		
7	Clarkburg		
8	Knightsen		

FOR SALE BY U. S. GEOLOGICAL SURVEY  
RESTON, VIRGINIA 22092

U.S. Regional  
Depository Copy  
DO NOT DISCARD

## Topographic Map Symbols

Primary highway, hard surface	
Secondary highway, hard surface	
Light duty road, principal street, hard or improved surface	
Other road or street; trail	
Route marker: Interstate, U.S.; State	
Railroad: standard gage, narrow gage	
Bridges; overpass; underpass	
Tunnel: road; railroad	
Build up area; locality; elevation	
Airport; landing field; landing strip	
National boundary	
State boundary	
County boundary	
National or State reservation boundary	
Land grant boundary	
U.S. public lands survey; range, township; section	
Range, township; section line: protracted	
Power transmission line; pipeline	
Dam; with lock	
Cemetery; building	
Windmill; water well; spring	
Mine shaft; old or cave; mine, quarry; gravel pit	
Congresspond, picnic area; U.S. location monument	
Rail cut-off; dwelling	
Distorted surface; strip mine, levee, sand	
Contours: index; intermediate; supplementary	
Bathymetric contours: index; intermediate	
Stream, lake: perennial; intermittent	
Rapids, lake, small; falls, large and small	
Reef to low submerged; marsh, estuary	
Land subject to controlled inundation, woodland	
Scrub; mangrove	
Orchard; vineyard	

A pamphlet describing topographic maps is available on request

A.H. ROBINSON  
MAP LIBRARY

FEB 27 1985

SET

University of Wisconsin  
Madison

— PA. — OHIO

39080-El-TM-100

1984

1984