

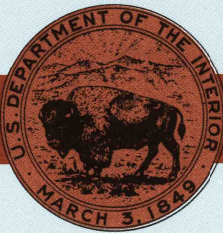
Pittsburgh West

PENNSYLVANIA—OHIO—
WEST VIRGINIA

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



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



1986

Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps
dated 1953-1981. Planimetry revised from aerial photographs
taken 1982 and other source data. Revised information not
field checked. Map edited 1986

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

To place on the predicted North American Datum 1983, move
the projection lines 4 meters south and 17 meters west

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 THE NEAREST METER

FOR SALE BY U.S. GEOLOGICAL SURVEY
P.O. BOX 25286, DENVER, COLORADO 80225

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS	
Meters	Feet			1	2
1	3.2808			1	3
2	6.5617			4	5
3	9.8425			6	7
4	13.1234			8	9
5	16.4042				
6	19.6850				
7	22.9659				
8	26.2467				
9	29.5276				
10	32.8084				

To convert meters to feet multiply meters by 3.2808

To convert feet to meters multiply feet by 0.3048

UTM grid convergence (GN) and 1983 magnetic declination (MN) at center of map
Diagram is approximate

ADJOINING MAPS	
1	2
1	3
4	5
6	7
8	9

- 1 Canton
- 2 East Liverpool
- 3 Indiana
- 4 Coshocton
- 5 Pittsburgh East
- 6 Senecaville Lake
- 7 Moundsville
- 8 Morgantown

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MAY 2002

USGS NMD
HISTORICAL MAP ARCHIVES

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 | |
| Bridge: overpass, underpass | |
| Tunnel: road, railroad | |
| Built up area; locality, elevation | |
| Airport: landing field; landing strip | |
| National boundary | |
| State boundary | |
| County boundary | |
| National State reservation boundary | |
| Land grant boundary | |
| U.S. public lands survey: range, township, section | |
| Range, township, section line: protracted | |
| Power transmission line: pipeline | |
| Dam; dam with lock | |
| Canal; aqueduct; building | |
| Windmill, water well; spring | |
| Mine shaft; adit or cave; mine, quarry; gravel pit | |
| Campground; picnic area; U.S. location monument | |
| Ruins; cliff dwelling | |
| Distorted surface: strip mine, ave. sand | |
| Streams: index, intermediate, supplementary | |
| Bathymetry contours: index, intermediate | |
| Stream, lake: perennial, intermittent | |
| Rapids, large and small; falls, large and small | |
| Area to be submerged; marsh, swamp | |
| Land subject to controlled inundation; woodland | |
| Swamp; mangrove | |

A pamphlet describing topographic maps is available on request

