

- Elevations in meters
- Highways, roads and other manmade structures
- Water features
-
- Geographic names



1986

Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps
dated 1953-1979. Planimetry revised from aerial photographs
taken 1982-83 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 zone,
and West Virginia coordinate system, north zone
1927 North American Datum
To place on the predicted North American Datum 1983, move
the projection lines 3 meters south and 17 meters west
There may be private inholdings within the boundaries of
the National or State reservations shown on this map

NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

Meters	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	29.5276
10	32.8084

DECLINATION DIAGRAM

61°

116 MILS

8 MILS

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

Diagram is approximate

1	2	3
6	7	8

1 Cleveland South
2 Youngstown
3 Old City
4 Canton
5 Indiana
6 Cohocton
7 Pittsburgh West
8 Pittsburgh East

To convert meters to feet multiply by 3.2808

To convert feet to meters multiply by 0.3048

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RESTON, VIRGINIA 22092



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 | |
| Road marker intermediate: 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 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, dam with lock | |
| Cemetery; building | |
| Windmill; water well; spring | |
| Mine shaft; edit or cave; mine, quarry; gravel pit | |
| Campground; picnic area; U.S. location monument | |
| Archaeological dwelling | |
| Distorted surface: strip mine, lava; sand | |
| Contours: index, intermediate, supplementary | |
| Bathymetric contours: index, intermediate | |
| Stream, lake: perennial; intermittent | |
| Rapids, large, small; falls, lake and small | |
| Area to be submerged; marsh, swamp | |
| Land subject to correlated inundation, woodland | |
| Scrub; mangrove | |
| Orchard; vineyard | |

A pamphlet describing topographic maps is available on request

