



1979

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



1979

Compiled from USGS 1:254 000-scale topographic maps dated 1959-1976. Planimetry revised from aerial photographs taken 1976-1979 and other source data. Revised information not field checked. Map edited 1979.

Projection and 10 000-meter grid, zone 17: Universal Transverse Mercator

25 000-foot grid ticks based on Pennsylvania coordinate system, south zone. West Virginia coordinate system, north zone, and Maryland coordinate system, 1927 North American Datum

To place on the predicted North American Datum 1983 move the projection lines 5 meters south and 20 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 19
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS:

Meters	Feet
1	3.2808
2	6.5616
3	9.8424
4	13.1234
5	16.4042
6	19.6850
7	22.9659
8	26.2467
9	29.5276
10	32.8084

UTM grid convergence
(GN) and 189° magnetic
declination (MN)
at center of map
Diagram is approximate

1	2	3
4	5	6
7	8	9

1 Pittsburgh West
2 Pittsburgh East
3 Johnston
4 Meadville
5 Cumberland
6 Clarkburg
7 Kinwood
8 Winchester

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RESTON, VIRGINIA 22092

Primary highway, hard surface
Secondary highway, hard surface
Light duty road, principal street, hard or improved surface
Other road or street, turf
Route marker: Interstate, U. S. State
Railroad: standard gauge; narrow gauge
Bridge: overpass; underpass
Tunnel: road, railroad
Built up area; locality, elevation
Airport: landing field; landing strip
National boundary
County boundary
National or State reservation boundary
Land grant boundary
U. S. public lands: range, township; section
Range, township; section line: protected
Power transmission line; pipeline
Dam; den with lock
Cemetery; building
Windmill; water well; spring
Mine shaft; adit; cave; mine, quarry; gravel pit
Marine, derrick; pier; pier, U. S. location monument
Ruins; old dwelling
Distorted surface: strip mine, lake, sand
Contour; line; intermediate; supplementary
Bottomland; swamps; island; intermediate
Stream, lake; perennial; intermittent
Rapid, large and small; falls, large and small
Area to be submerged; marsh, swamp
Land subject to controlled inundation; woodland
Swamp, mangrove
Orchard; vineyard

A pamphlet describing topographic maps is available on request.

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