



40079-A1-TM-100

Pittsburgh East

PENNSYLVANIA

1:100 000-scale metric topographic map

30 X 60 MINUTE QUADRANGLE SHOWING

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

GEOLOGICAL SURVEY

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 1982-83 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
1927 North American Datum
To place on the predicted North American Datum 1983, move the projection lines 4 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 1929
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

| 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 |

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by 0.3048

DECLINATION DIAGRAM

124 MILS

| 1 | 2 | 3 |
|---|---|---|
| 4 | 5 | 6 |
| 7 | 8 | 9 |

1 East Liverpool
2 Indiana
3 Tazewell
4 Pittsburgh West
5 Johnstown
6 Moundsville
7 Morgantown
8 Cumberland

USGS AND HISTORICAL MAP ARCHIVES

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| 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 gauge; narrow gauge | |
| Bridge: overpass; underpass | |
| Tunnel: road; railroad | |
| Butt-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; adit or cave; mine; quarry; gravel pit | |
| Campground; picnic area; U.S. location monument | |
| Ruin; cliff dwelling | |
| Distorted surface: strip mine, lava, sand | |
| Contour: index; intermediate; supplementary | |
| Bathymetric 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 | |
| Scrub; mangrove | |
| Orchard; vineyard | |