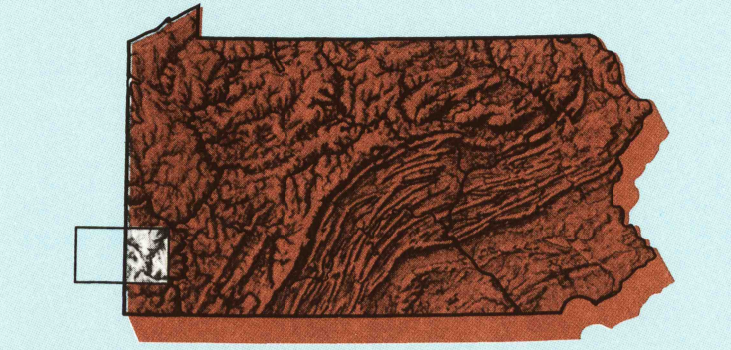


Pittsburgh West

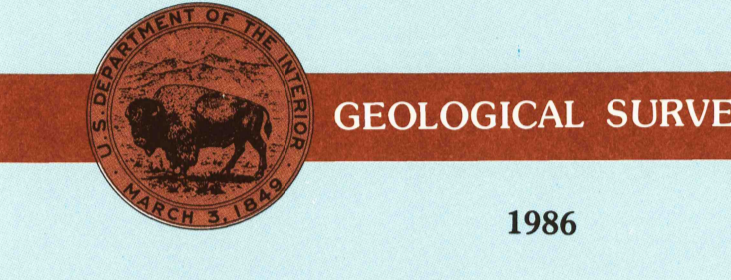
PENNSYLVANIA—OHIO—WEST VIRGINIA

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



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

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	MAGNETIC		1	2	3
1	3.2808	1986		1	2	3
2	6.5617	1986		4	5	6
3	9.8425	1986		7	8	9
4	13.1234	1986		10		
5	16.4042	1986		11		
6	19.6850	1986		12		
7	22.9659	1986		13		
8	26.2467	1986		14		
9	29.5275	1986		15		
10	32.8084	1986		16		

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

UTM grid convergence (IGN and 1986 magnetic declination) Diagram is approximate

1 Canton
 2 East Liverpool
 3 Indiana
 4 Colchester
 5 Pittsburgh East
 6 Sewickley Lake
 7 Moonsville
 8 Morgantown

FOR SALE BY U.S. GEOLOGICAL SURVEY
 DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
 USGS NMD HISTORICAL MAP

JAN 0 1 1989
 REC'D FILE COPY

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 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
- Contour: building
- Wastwell: water well, spring
- Mine shaft; add or cave; mine, quarry, gravel pit
- Campround; picnic area; U.S. location monument
- Ruins; cliff dwelling
- Distorted surface: strip mine, lava, sand
- Contours: 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 cropland inundation; woodland
- Scrub; mangrove
- Orchard; vineyard

A pamphlet describing topographic maps is available on request

