41080-E1-PL-100

OHIO-PENNSYLVANIA

1:100 000-scale planimetric map



30 X 60 MINUTE QUADRANGLE SHOWING

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



Produced by the United States Geological Survey Compiled from USGS 1:24 000-scale topographic maps dated 1959-1979. 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, north zone and Ohio coordinate system, north zone 1927 North American Datum To place on the predicted North American Datum 1983, move the projection lines 2 meters south and 17 meters west

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

There may be private inholdings within the boundaries of the National or State reservations shown on this map

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

Meters	Feet	★ MN	1	2	
1 2	3.2808 6.5617	GN	4		
3	9.8425			_	
4 5 6	13.1234	7°	6	7	
5	16.4042	124 MILS 0°20′			
	19.6850	6 MILS			
7	22.9659	1 1/	1		
8 9	26.2467		2 Er	ie	
9	29.5276			mestown	
10	32.8084	, v		mestown eveland N	
To convert meters to feet multiply by 3.2808 To convert feet to meters multiply by 0.3048		UTM grid convergence (GN) and 1986 magnetic declination (MN) at center of map Diagram is approximate	5 Warren 6 Cleveland Sout 7 Youngstown 8 Oil City		

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## Topographic Map Symbols

National or State reservation boundary. Windmill; water well; spring.....

A pamphlet describing topographic maps is available on request