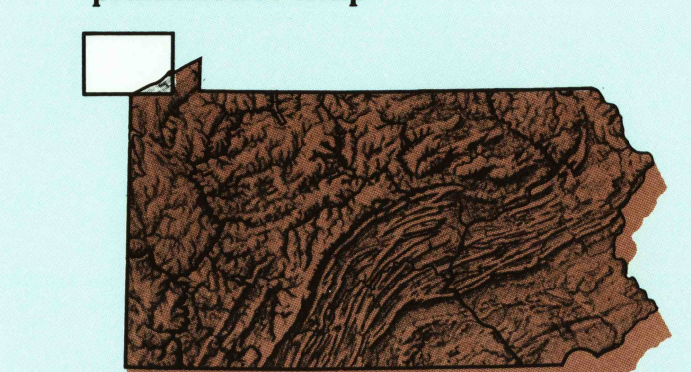
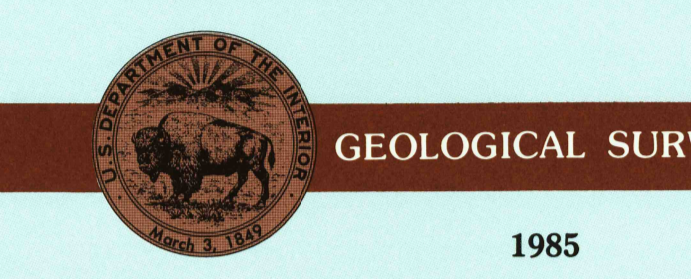


# Erie

PENNSYLVANIA - OHIO  
ONTARIO, CANADA  
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 1969-1975. Planimetry revised from aerial photographs taken 1982 and other source data. Revised information not field checked. Map edited 1985.  
Projection and 10 000-meter grid, zone 17, Universal Transverse Mercator  
25 000-foot grid ticks based on Pennsylvania coordinate system, north zone  
1927 North American Datum  
To place on the predicted North American Datum 1983 move the projection lines 1 meter 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  
ELEVATION SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	MAGNETIC DECLINATION		1	2	3
1	3.2808			4	5	6
2	6.5617			7	8	9
3	9.8425			10	11	12
4	13.1234			13	14	15
5	16.4042			16	17	18
6	19.6851			19	20	21
7	22.9659			22	23	24
8	26.2468			25	26	27
9	29.5276			28	29	30
10	32.8085			31	32	33

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

UTM grid convergence (IGN) and 1983 magnetic declination (M.D.) at center of map. Diagram is approximate.

1 Silver Creek  
2 Jamestown  
3 Cleveland North  
4 Ashland  
5 Warren

FOR SALE BY U. S. GEOLOGICAL SURVEY  
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
- 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
- Cemetery; building
- Windmill; water well; spring
- Mine shaft; salt or cave; mine; quarry; gravel pit
- Campground; picnic area; U. S. location monument
- Ruin; 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 controlled inundation; woodland
- Scrub; mangrove
- Orchard; vineyard

