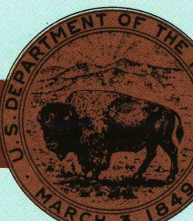


- Elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1949-1978. Planimetry revised from aerial photographs taken 1980 and other source data. Revised information not field checked. Map edited 1986.
Projection and 10 000-meter grid, zone 18.
1927 North American Datum
To place on the predicted North American Datum 1983, move the projection lines 4 meters south and 21 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
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS			
Meters	Ft.	Miles		1	2	3	
1	3.2808			4	5		
2	6.5617			6	7	8	
3	9.8425						1 Canada
4	13.1234						2 Auburn
5	16.4042						3 Norwich
6	19.6850						4 Hornell
7	22.9659						5 Binghamton
8	26.2467						6 Wellsville
9	29.5275						7 Towanda
10	32.8084						8 Honesdale
To convert meters to feet multiply by 3.2808		UTM grid convergence (GTM) and 1983 magnetic declination (MN) at center of map. Diagram is approximate.					
To convert feet to meters multiply by 0.3048							

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USGS NMD HISTORICAL MAP
JUL 14 1986
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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.	
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; adit or cave; mine, quarry; gravel pit.	
Compass rose; picnic area; U.S. location monument.	
Runs, cliff dwelling.	
Distorted surface: strip mine, lava; sand.	
Contours: index; intermediate; supplementary.	
Bathymetric contours: index; intermediate.	
Stream, lake; perennial; intermittent.	
Rapids, large and small; lake, large and small.	
Area to be submerged; marsh, swamp.	
Land subject to controlled inundation; woodland.	
Scrub; mangrove.	
Orchard; vineyard.	

A pamphlet describing topographic maps is available on request

