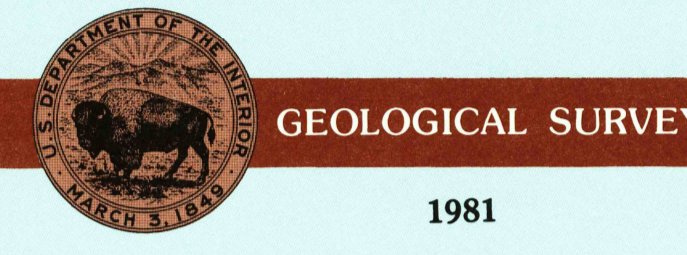


1:100 000-scale metric topographic map of **Towanda** PENNSYLVANIA-NEW YORK



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 1945-1978. Planimetry revised from aerial photographs taken 1977 and other source data. Revised information not field checked. Map edited 1981.
 Projection and 10 000-meter grid, zone 18: 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 4 meters south and 28 meters west
 There may be private landholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 20 METERS
 NATIONAL GEODETIC VERTICAL DATUM OF 1929
 ELEVATION SHOWN TO THE NEAREST METERS

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	1983	1983	1	2	3
1	3.2808	1° 15' 00"	1° 15' 00"	4	5	
2	6.5617	1° 15' 00"	1° 15' 00"	6	7	8
3	9.8425	1° 15' 00"	1° 15' 00"			
4	13.1234	1° 15' 00"	1° 15' 00"			
5	16.4042	1° 15' 00"	1° 15' 00"			
6	19.6850	1° 15' 00"	1° 15' 00"			
7	22.9659	1° 15' 00"	1° 15' 00"			
8	26.2467	1° 15' 00"	1° 15' 00"			
9	29.5276	1° 15' 00"	1° 15' 00"			
10	32.8084	1° 15' 00"	1° 15' 00"			

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

UTM grid convergence (GN and 1983 magnetic declination) at center of map Diagram is approximate

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 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; adit 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
- Roads, large and small; trails, large and small
- Area to be submerged; marsh, swamp
- Land subject to controlled inundation; woodland
- Scrub; mangrove
- Dredge; vineyard

A pamphlet describing topographic maps is available on request

SCALE 1:100 000
 1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND
 CONTOUR INTERVAL 20 METERS

TOWANDA, PENNSYLVANIA-NEW YORK
 N4130-W7600/30X60