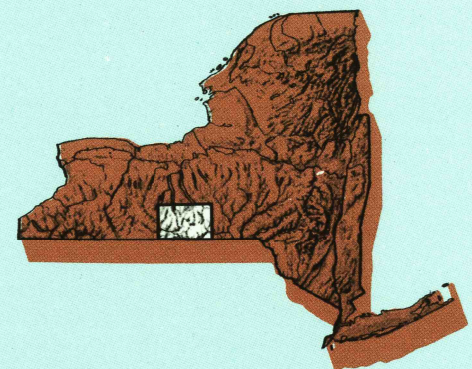


Elmira

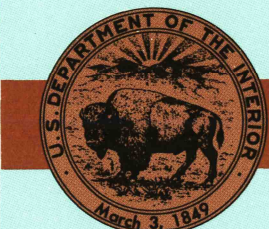
NEW YORK-PENNSYLVANIA

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



U. S. GEOLOGICAL SURVEY

1986
PHOTOINSPECTED 1992

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, Universal Transverse Mercator
25 000-foot grid ticks based on New York coordinate system, central zone

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 landholdings within the boundaries of the National or State reservations shown on this map.

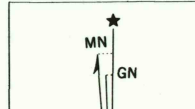
Map photorevised using 1988, 1990, and 1992 photographs. No major culture or drainage changes found.

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		1	2	3																	
1	3.2808		1	2	3																	
2	6.5617		4	5																		
3	9.8425		6	7	8																	
4	13.1234																					
5	16.4042																					
6	19.6850																					
7	22.9659																					
8	26.2467																					
9	29.5276																					
10	32.8084																					
To convert meters to feet multiply by 3.2808		UTM grid convergence (GN) and 1983 magnetic declination (MN) at center of map. Diagram is approximate.	<table><tr><td>1</td><td>Canadaigua</td></tr><tr><td>2</td><td>Auburn</td></tr><tr><td>3</td><td>Norwich</td></tr><tr><td>4</td><td>Hornell</td></tr><tr><td>5</td><td>Bohannon</td></tr><tr><td>6</td><td>Wellsville</td></tr><tr><td>7</td><td>Townsend</td></tr><tr><td>8</td><td>Honesdale</td></tr></table>				1	Canadaigua	2	Auburn	3	Norwich	4	Hornell	5	Bohannon	6	Wellsville	7	Townsend	8	Honesdale
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7	Townsend																					
8	Honesdale																					
To convert feet to meters multiply by 0.3048																						

FOR SALE BY U.S. GEOLOGICAL SURVEY
DENVER-COLORADO 80225, OR 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		
Civil township boundary		
National or State reservation boundary		
Land grant boundary		
U.S. public lands survey: range, township, section		
Range, township, section line: protected		
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		
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 controlled inundation; woodland		
Swamp, mangrove		
Orchard: viewshed		

A pamphlet describing topographic maps is available on request

ELMIRA, NEW YORK-PENNSYLVANIA

42076-A1-TM-100

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