



Jamestown

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

GEOLOGICAL SURVEY

1986
PHOTOINSPECTED 1988

Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1954-1981. Planimetry revised from aerial photographs taken 1976-81 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 New York coordinate system, west zone and Pennsylvania 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 19 meters west. There may be private inholdings within the boundaries of the National or State reservations shown on this map.

Map photoinspected using 1988 photographs. No major culture or drainage changes found.

CONTOUR INTERVAL 10 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	Magnetic Declination		1	2	3
1	3.2809	Magnetic Declination		4	5	6
2	6.5617	Magnetic Declination		7	8	9
3	9.8426	Magnetic Declination		10	11	12
4	13.1234	Magnetic Declination		13	14	15
5	16.4043	Magnetic Declination		16	17	18
6	19.6852	Magnetic Declination		19	20	21
7	22.9660	Magnetic Declination		22	23	24
8	26.2469	Magnetic Declination		25	26	27
9	29.5278	Magnetic Declination		28	29	30
10	32.8084	Magnetic Declination		31	32	33

To convert meters to feet multiply by 3.2809
To convert feet to meters multiply by 0.3048

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

1 Silver Creek
2 Buffalo
3 Erie
4 Olean
5 Adirondack
6 Warren
7 Bradford

FOR SALE BY THE GEOLOGICAL SURVEY, DENVER, COLORADO 80225
USGS NMD HISTORICAL MAP
SEP 11 1989
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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 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	Canal; lock	Windsmill; water well; spring	Mine shaft; soil 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	Scrub; mangrove	Orchard; vineyard
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A pamphlet describing topographic maps is available on request.

JAMESTOWN, NEW YORK-PENNSYLVANIA
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