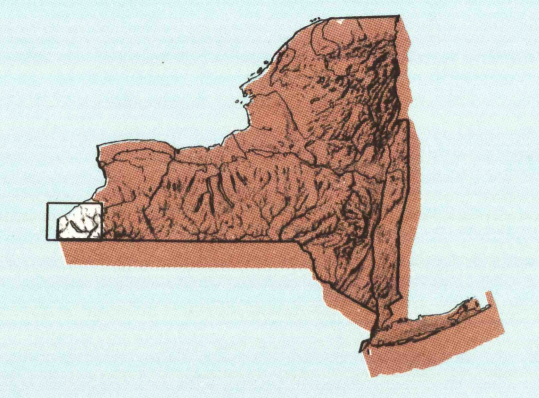




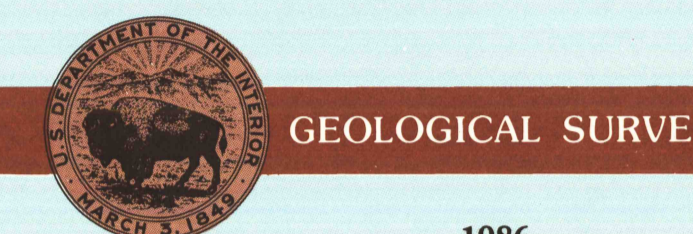
# Jamestown NEW YORK-PENNSYLVANIA

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



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	100 METERS	100 METERS	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	19.6850			19	20	21
7	22.9659			22	23	24
8	26.2467			25	26	27
9	29.5275			28	29	30
10	32.8084			31	32	33

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

UTM grid convergence multiply by 0.2809  
 49' true magnetic declination (M) at center of map  
 Diagram is approximate

1 Silver Creek  
 2 Buffalo  
 3 Olean  
 4 Ashland  
 5 Warren  
 6 Bradford

FOR SALE BY THE GEOLOGICAL SURVEY, DENVER, COLORADO 80225  
USGS NMD HISTORICAL MAP RESTON, VIRGINIA 22092

SEP 11 1989  
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Topographic Map Symbols

Symbol	Description
	Primary highway, hard surface
	Secondary highway, hard surface
	Light duty road, principal street, hard or improved surface
	Other road or street, mail
	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; landing; lock
	Woodwell; water well; spring
	Mine shaft; oil or gas; mine, quarry; gravel pit
	Capeground; 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