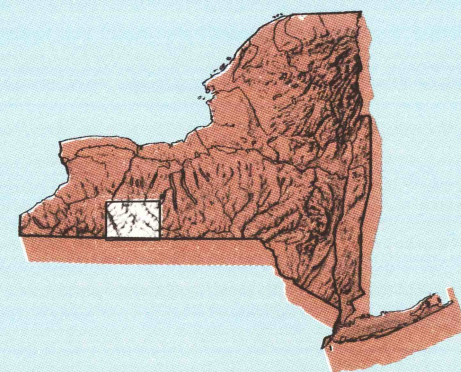


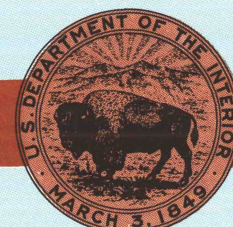
Hornell

NEW YORK-PENNSYLVANIA

**1:100 000-scale *metric*
topographic map**



- 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 1953-1978. Planimetry revised from other
source data. Revised information not field checked
Map edited 1986

1927 North American Datum (NAD 27). Projection and 10 000-meter grid: Universal Transverse Mercator, zone 18
25 000-foot ticks: New York coordinate system, central and west zones

The difference between NAD 27 and North American Datum 1983 (NAD 83) is too small to show at this scale. The values of the shift between the datums for 7.5-minute intersections are given in USGS Bulletin 1875

There may be private inholdings within the boundaries of the National or State reservations shown on this map

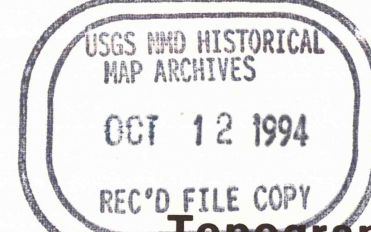
Map photoinspected using 1987 and 1990 photographs
No major culture or drainage changes found

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			2	4	5	3
1	3.2808						
2	6.5617						
3	9.8425						
4	13.1234						
5	16.4042						
6	19.6850						
7	22.9659						
8	26.2467	UTM grid convergence (GTM of 1986 magnetic declination (MN) at center of map Diagram is approximate					
9	29.5276						
10	32.8084						
To convert meters to feet multiply by 3.2808				1 Buffalo	2 Carandigua	3 Auburn	4 Clean
				5 Elveta	6 Bradford	7 Wellboro	8 Towanda
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; unpaved
Railroad: 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; protected
Power; transmission line; pipeline
Dam; dam with lock
Cemetery; building
Windmill; water well; spring
Mine shaft; salt or cave; mine, quarry; gravel pit
Campground; picnic area; U. S. location monument
Ruins; cliff dwelling
Disturbed surface: strip mine, lava, sand
Contours: index; intermediate; supplementary
Bathymetric contours: index; intermediate
Stream, lake; perennial; intermittent
Rapids, rapids and small falls, large and small
Area to be managed: marsh, swamp
Land subject to controlled inundation; woodland
Scrub; mangrove
Orchard; vineyard