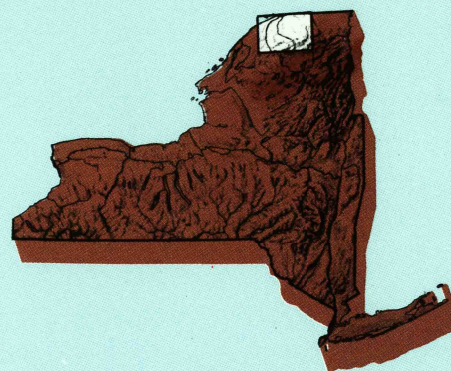


Massena

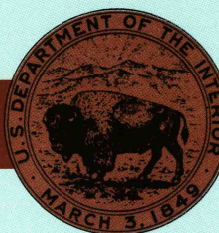
NEW YORK

1:100 000-scale
planimetric map



30 X 60 MINUTE QUADRANGLE SHOWING

- Elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



GEOLOGICAL SURVEY

1985

Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1964-1968. Planimetry revised from aerial photographs taken 1980 and other source data. Revised information not field checked. Map edited 1985

Projection and 10 000-meter grid, zone 18,
Universal Transverse Mercator
25 000-foot grid ticks based on New York coordinate
system, east zone
1927 North American Datum

To place on the predicted North American Datum 1983, move the projection lines 2 meters south and 31 meters west

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

NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE	
Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6850
7	22.9659
8	26.2467
9	29.5276
10	32.8084

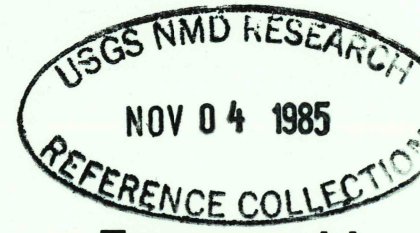
To convert meters to feet multiply by 3.2808
 To convert feet to meters multiply by 0.3048

UTM grid convergency
 GN and GN magnetic
 direction 180°
 at center of map
 Diagram is approximate

DECLINATION DIAGRAM			

ADJOINING MAPS			
1	2	3	
4	4	5	
6	7	8	
1	2	3	
4	Odessaburg		
5	Lake Champlain		
6	North		
7	Governor		
8	Tupper Lake		
9	Lake Champlain South		

FOR SALE BY U. S. GEOLOGICAL SURVEY
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.

Road center: 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; den with lock.

Cemetery; building.

Windmill; water well; spring.

Mine shaft; odd or cave; mine, quarry; gravel pit.

Railroad; picnic area; U.S. location monument.

River; cliff dwelling.

Distorted surface; strip mine, lake, and

Course; 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, vineyard.

Orchard; vineyard.

A pamphlet describing topographic maps is available on request.

**MASSENA, NEW YORK**

30 X 60 MINUTE SERIES (PLANIMETRIC)

MASSENA, NEW YORK

44074-E1-PL-100

1985