



V501, EDITION 2  
MAPPED, EDITED, AND PUBLISHED BY THE U.S. GEOLOGICAL SURVEY  
Compiled in 1962 by photogrammetric methods and from United States quadrangles 1:50,000 and 1:62,500, 1938-57; U.S. Lake Survey charts 1952-53. Planimetry revised by the U.S. Geological Survey from aerial photographs taken 1972 and from United States quadrangles 1:24,000, 1963-71. Supersedes Army Map Service map dated 1947.  
Selected hydrographic data compiled from USGS charts and charts of the U.S. Navy.  
100,000-foot grids based on Vermont coordinate system and New York coordinate system, east zone  
Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geodetic Control Diagram

**LEGEND**

Figures in red denote approximate distances in miles between stars

**POPULATED PLACES**

- Over 500,000
- 100,000 to 500,000
- 25,000 to 100,000
- 5,000 to 25,000
- 1,000 to 5,000
- Less than 1,000

**ROADS**

- Primary, all-weather, hard surface
- Secondary, all-weather, hard surface
- Light-duty, all-weather, hard or improved surface
- Fair or dry weather, unpaved surface
- Interchange
- Route markers: Interstate, U.S., State
- Landmark: School, Church, Other
- Depth curve in feet
- Limit of danger: Reef
- Shoals: Awash
- Forshore flat
- Intermittent or dry stream
- Woods-brushwood
- Marsh or swamp

**RAILROADS**

- Single track Double or Multiple
- Narrow gauge
- Normal gauge
- Landing area
- Seaplane airport
- Seaplane anchorage
- Power line
- Mine

**BOUNDARIES**

- International
- State
- County
- Park or reservation

**Other Symbols**

- Normal gauge
- Narrow gauge
- Landplane airport
- Seaplane airport
- Seaplane anchorage
- Power line
- Mine

Scale 1:250,000

0 5 10 15 20 Statute Miles

0 5 10 15 20 Kilometers

0 5 10 15 Nautical Miles

CONTOUR INTERVAL 100 FEET  
WITH SUPPLEMENTARY CONTOURS AT 50 FOOT INTERVALS

TRANSVERSE MERCATOR PROJECTION

BLACK NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 18

1970 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 14° 15' WEST TO 14° 15' EAST

FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

**LOCATION DIAGRAM**

Map showing the location of Lake Champlain within the Eastern United States, highlighting the states of New York and Vermont, and the provinces of Quebec and Ontario in Canada.

**GRID ZONE DESIGNATION**

18T

**TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METERS**

**SAMPLE POINT: LOWELL**

1. Read letters identifying 100,000 meter squares in which the point lies.  
2. Locate first VERTICAL grid line to LEFT of point and read LATITUDE figure showing the line either in the top or bottom margin, or on the line itself.  
3. Locate first HORIZONTAL grid line to point; estimate tenths from grid line to point; point and read LONGITUDE figure showing the line either in the left or right margin, or on the line itself.  
4. Example: 4800000

**SAMPLE REFERENCE:**

1. Reading bearing 10° 15' is true direction, point's Grid Zone Designation, is: YED04

NOV 13 1982

LAKE CHAMPLAIN, N. Y.; VT.; N. H.; U. S.; CAN.  
1962  
REVISED (U. S. AREA) 1972

STOCK NO. V501XN1812\*02  
RETURN TO:  
USGS AND HISTORICAL MAP ARCHIVES