



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, 1939-57; 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, 1965-71. Superimposed Army Map Service map dated 1947.  
 Selected hydrographic data compiled from US&GS charts. This information is not intended for navigational purposes.  
 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, unimproved surface  
 Trail  
 Interchange

**RAILROADS**  
 Normal gauge  
 Narrow gauge  
 Single track  
 Double or multiple track

**BOUNDARIES**  
 International  
 State  
 County  
 Park or reservation  
 Mine

**Other Symbols**  
 Landplane airport  
 Landing area  
 Seaplane airport  
 Seaplane anchorage  
 Power line  
 Woods-brushwood  
 Marsh or swamp  
 Landmark: School; Church; Other  
 Depth curve in feet  
 Limit of danger: Reef  
 Rocks: Awash  
 Foreshoresh flat  
 Intermittent or dry stream

Scale 1:250,000  
 0 5 10 15 20 Statute Miles  
 0 5 10 15 20 25 30 Kilometers  
 0 5 10 15 20 25 30 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  
 970 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 14° 20' 00" WESTERLY FOR THE CENTER OF THE WEST EDGE TO 16° 12' 00" WESTERLY FOR THE CENTER OF THE EAST EDGE  
 FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

**LOCATION DIAGRAM**

The location diagram shows the map's position within the United States, highlighting the Lake Champlain region. It includes a grid of latitude and longitude lines and labels for neighboring states and countries.

**GRID ZONE DESIGNATION: 18T**

**100,000 M. SQUARE IDENTIFICATION**

WE	XE	YE
WD	XD	YD

**TO GIVE A STANDARD REFERENCE TO THIS SHEET TO NEAREST 100 METERS**

1. Read letters identifying 100,000 meter square to which point lies.  
 2. Locate that VERTICAL grid line to LEFT of point and read LARGE figure labeling the line either in the top or bottom margin, or on the line itself.  
 3. Locate that HORIZONTAL grid line BELOW point and read LARGE figure labeling the line either in the left or right margin, or on the line itself.  
 4. Estimate tenths from grid line to point.  
 5. Example: Point is 489000 meters east of the left margin and 181000 meters north of the bottom margin. The grid zone designation is 18T181000.

**IGNORE THE SMALLER figures of any grid number; these are for finding the full coordinates. Use ONLY the LARGER figures of the grid number; example: 489000**

**EXAMPLE REFERENCE: YEG04**

**18T181000**

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