

Prepared by the Army Map Service (KGE), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1961 by photogrammetric methods from: United States Quadrangles, 1:24,000, 1:25,000, U. S. Geological Survey and AMS, 1942-1955. Army Survey Establishments, USGS Charts 3, 31, 32, 33 1953-1957. Planimetric detail revised by photo-planimetric methods. Horizontal and vertical control by USCGS, USGS, USCE, International Boundary Commission and Buffalo-Rochester-Pittsburgh Railroad. Map field checked 1962.

Transverse Mercator Projection. 10,000-meter Universal Transverse Mercator grid, zone 17. 100,000-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 20 meters west.

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

LEGEND

ROAD DATA 1962
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

RAILROADS
Single track double or multiple
Normal gauge
Narrow gauge
International
County
Park or reservation
Horizontal control point
Spot elevation in feet
Landmark: School; Church; Other

BOUNDARIES
State
County
Park or reservation
Horizontal control point
Spot elevation in feet
Landmark: School; Church; Other

Other features:
Hard surface, heavy duty road
Two lanes wide
Hard surface, medium duty road
More than two lanes wide
Two lanes wide
Improved light duty road
Unimproved dirt road, trail
Route marker: Interstate; Federal; State
Depth curve in feet
Limit of danger: Reef
Rocks: Awash; Sunken
Foreshore flat
Intermittent or dry stream
Marsh or swamp
Navigable canal or stream

POPULATED PLACES
Over 500,000
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Scale 1:250,000

0 5 10 15 20 25 30 Statute Miles

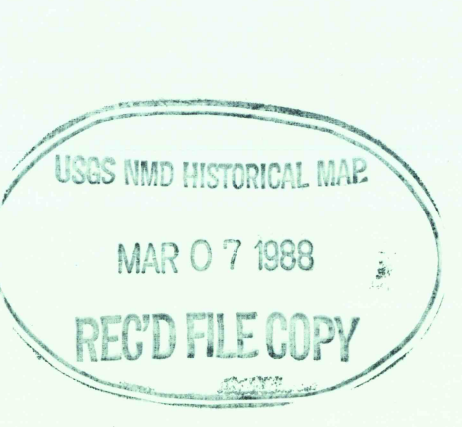
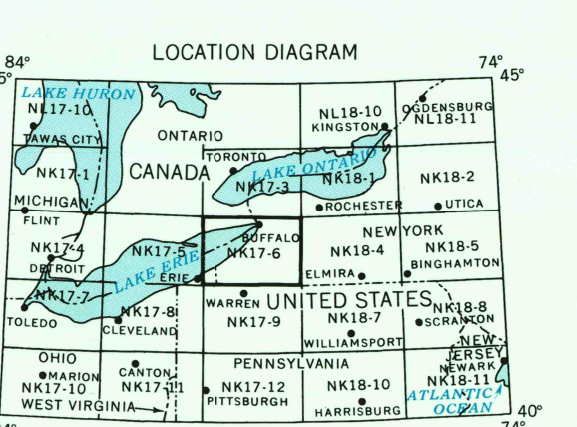
0 5 10 15 20 25 30 Kilometers

0 5 10 15 20 25 30 Nautical Miles

CONTOUR INTERVAL 100 FEET
WITH SUPPLEMENTARY CONTOURS AT 50 FOOT INTERVALS

1960 MAGNETIC DECLINATION FROM TRUE NORTH FOR THIS SHEET VARIES FROM 5° (120 MILS) WESTERLY FOR THE CENTER OF THE WEST EDGE TO 8° (140 MILS) WESTERLY FOR THE CENTER OF THE EAST EDGE

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



GRID ZONE DESIGNATION

17T

TO GIVE A STANDARD REFERENCE TO THIS SHEET TO MARKET 1000 METERS

SAMPLE POINT: WESTLEY

1. Read letters identifying 100,000 meter square in which the point lies.

2. Locate line 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. Estimate tenths from grid line to point.

3. Locate line HORIZONTAL, grid line BELOW point and read LARGE figure labeling the line either in the left or right margin, or on the line itself. Estimate tenths from grid line to point.

SAMPLE REFERENCE:

If reporting beyond 10' in any direction, Grids Grid Zone Designation, for example: 4600000

77P5893

177P5893