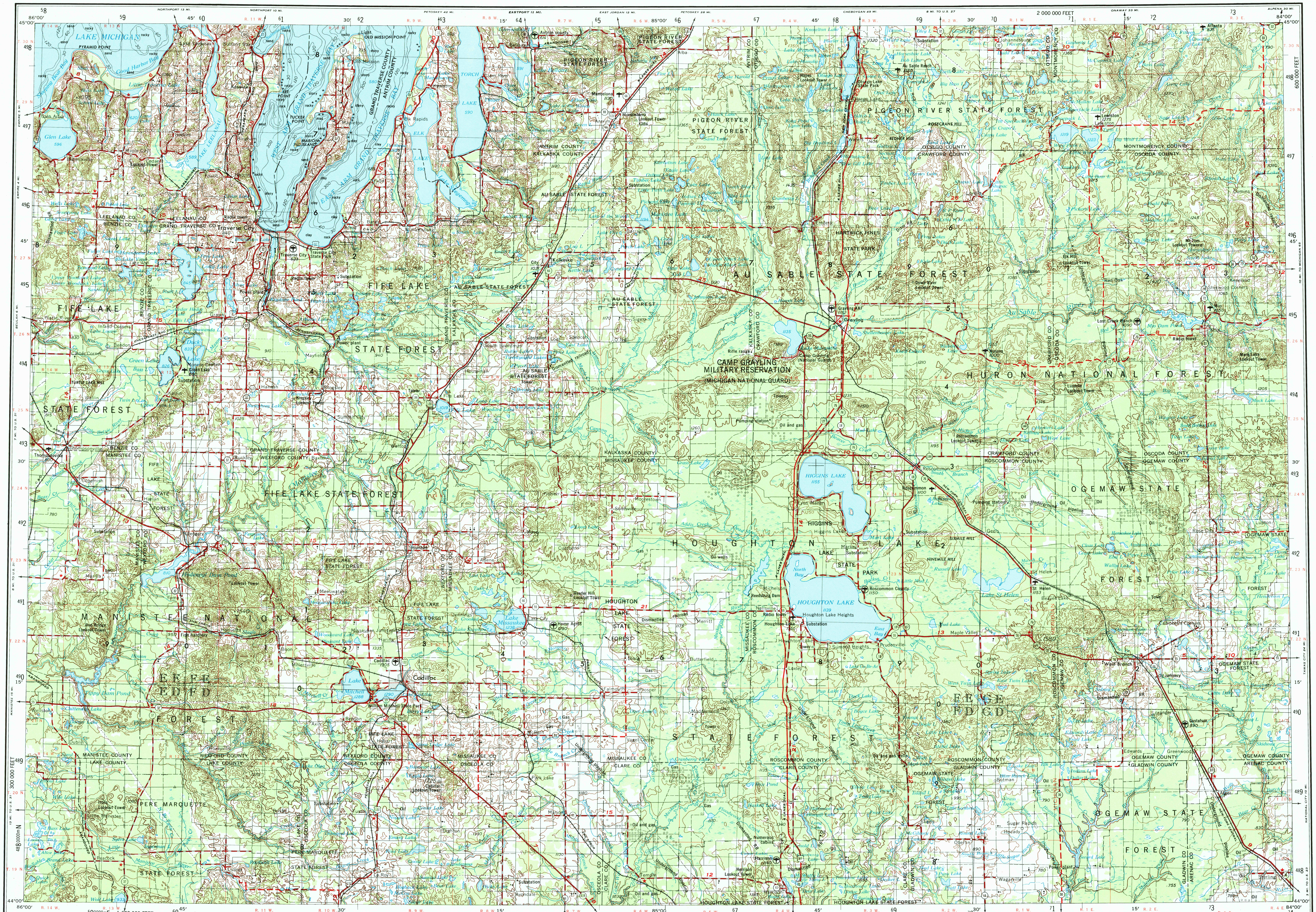
EASTERN UNITED STATES 1:250,000

TRAVERSE CITY

NL 16-12



● INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1986

Prepared by the Army Map Service (BEGE), Corps of Engineers, U.S. Army, Washington, D.C. Compiled in 1955 by photogrammetric methods and from U.S. Lake Survey Charts 705 and 706, 1953 (reliability good). Horizontal and vertical control by USGS, USC&GS and USCE. Aerial photography 1953. Photography field annotated 1954. Limited revision by U.S. Geological Survey 1964

100,000-foot grid based on Michigan coordinate system, central zone

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

LEGEND

ROAD DATA 1954 PARTIALLY REVISED 1964

Figures in red denote approximate distances in miles between stars

POPULATED PLACES
- Over 500,000 — BOSTON
- 100,000 to 500,000 — RICHMOND
- 25,000 to 100,000 — EVANSTON
- 5,000 to 25,000 — Hialeah
- 1,000 to 5,000 — Bar Harbor
- Less than 1,000 — Fishkill

RAILROADS — Single track; Double or Multiple
- Standard gauge
- Narrow gauge

BOUNDARIES
- International
- State
- County
- Park or reservation

Horizontal control point

Spot elevation in feet — 780

ROADS
- Hard surface, heavy duty
  - More than two lanes wide — 3 LANES | 4 LANES
  - Two lanes wide; Federal route marker — 151
- Hard surface, medium duty
  - More than two lanes wide — 3 LANES | 4 LANES
  - Two lanes wide; State, Interstate route markers — 10, 75
- Improved light duty
- Unimproved dirt
- Trail

Landplane airport

Landing area

Seaplane airport

Seaplane anchorage

Power line

Woods-brushwood

Landmarks: School; Church; Other

Depth curve in feet — 30

Limit of danger; Reef

Rocks: Awash; Sunken

Foreshore flat — Mud

Intermittent or dry stream

Marsh or swamp

Approximate road alinement

Scale 1:250,000

5 0 5 10 15 20 Statute Miles

5 0 5 10 15 20 25 30 Kilometers

5 0 5 10 15 Nautical Miles

CONTOUR INTERVAL 50 FEET

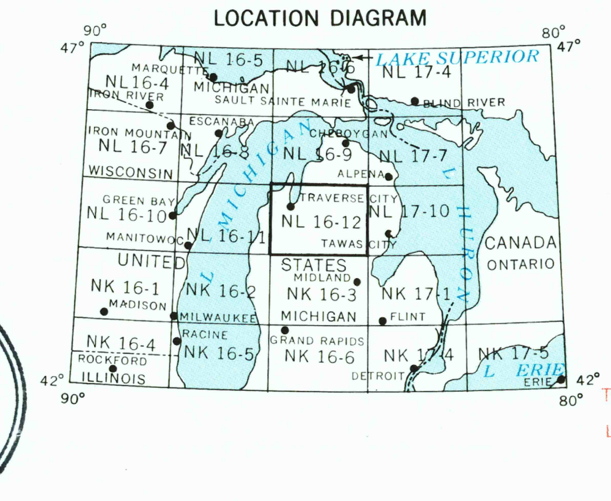
TRANSVERSE MERCATOR PROJECTION

BLACK NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 16

1960 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 1°45′ WESTERLY FOR THE CENTER OF THE WEST EDGE TO 4°00′ WESTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS NEGLIGIBLE.

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

LOCATION DIAGRAM



SECTIONIZED TOWNSHIP

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

TOWNSHIP OR RANGE LINE

LAND GRANT BOUNDARY

GRID ZONE DESIGNATION: 16T

100,000 M. SQUARE IDENTIFICATION

EE	FE	GE
ED	FD	GD

490 — 60 — 70

IGNORE the SMALLER figures of any grid number; these are for finding the full coordinates. Use ONLY the LARGER figure of the grid number; example: 4880000

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

SAMPLE POINT: MOORESTOWN

1. Read letters identifying 100,000 meter square in which the point lies: — FE
2. Locate first 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: — 5
Estimate tenths from grid line to point: — 9
3. Locate first HORIZONTAL grid line BELOW point and read LARGE figure labeling the line either in the left or right margin, or on the line itself: — 2
Estimate tenths from grid line to point: — 5

SAMPLE REFERENCE: FE5925

If reporting beyond 18° in any direction, prefix Grid Zone Designation, as: 16TFE5925

TRAVERSE CITY, MICHIGAN

A-1

1954

LIMITED REVISION 1964