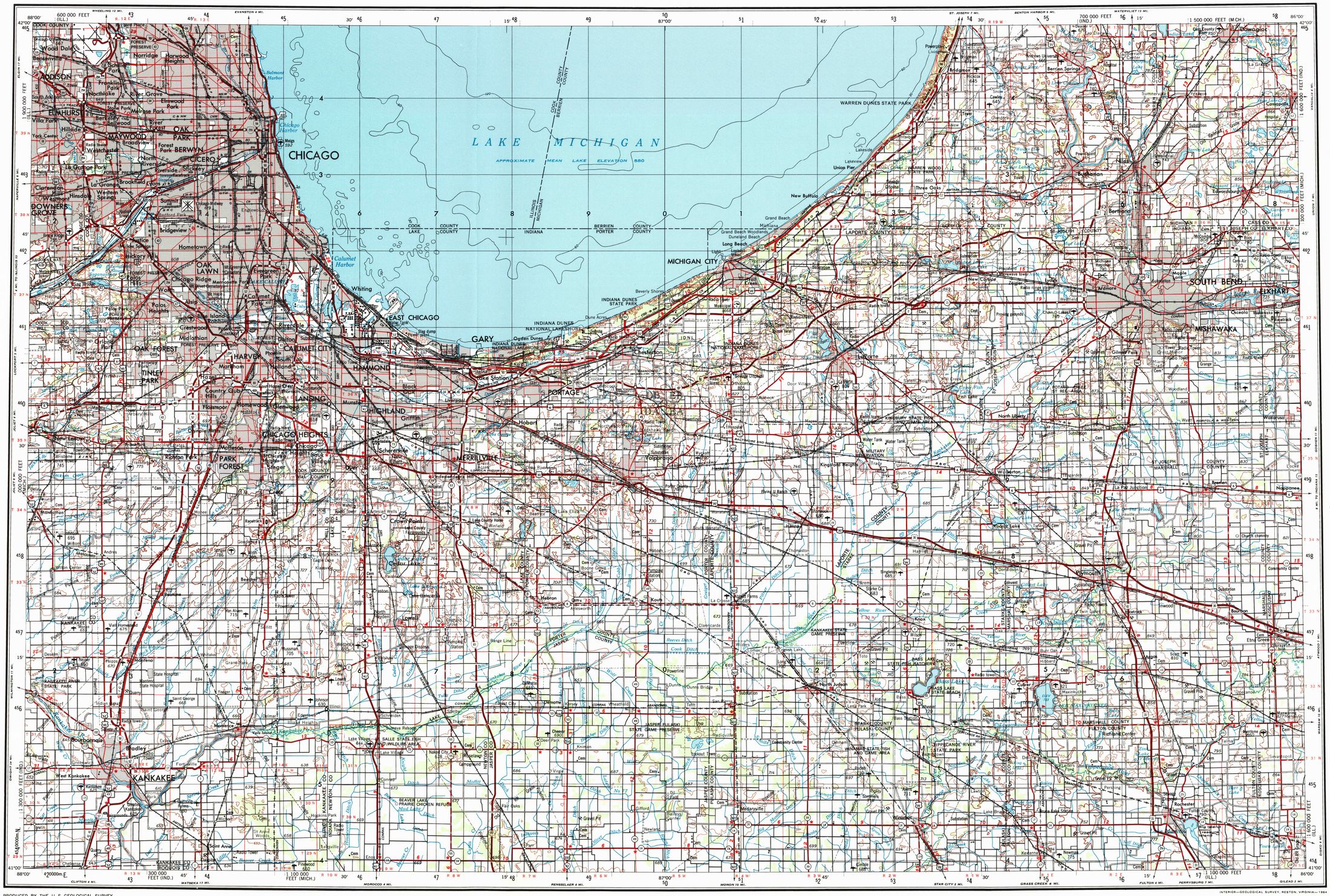


PRODUCED BY THE U. S. GEOLOGICAL SURVEY

Base map prepared by Defense Mapping Agency by photogrammetric methods and from U. S. Lake Survey chart No. 75, 1954. Aerial photographs taken 1952. Field checked 1953. Revised by the U. S. Geological Survey from aerial photographs taken 1978 and 1979 and other sources data. Revised information not field checked. Map edited 1983

Transverse Mercator Projection. 100,000-meter Universal Transverse Mercator grid, zone 16. 100,000-foot grid ticks based on Indiana coordinate system, west zone; Illinois coordinate system, east zone, and Michigan coordinate system, south zone. 1927 North American Datum. To place on the predicted North American Datum 1983, move the projection lines 1 meter north and 3 meters east

Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale geodetic Control Diagram

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

LEGEND

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

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

BOUNDARIES
- International
- State
- County
- Park or reservation
- Mine
- Spot elevation in feet — 227

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
- Route markers: Interstate, U.S., State — 90, 20, 30

Landplane airport
Landing area
Seaplane airport
Seaplane anchorage
Power line
Woods-brushwood

Landmarks: School; Church; Other
Depth curve in feet
Limit of danger; Reef
Rocks; Awash
Foreshore flat
Intermittent or dry stream
Marsh or swamp

Scale 1:250,000

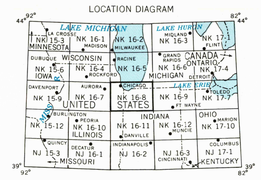
5 0 5 10 15 20 Statute Miles
5 0 5 10 15 20 25 30 Kilometers
5 0 5 10 Nautical Miles

CONTOUR INTERVAL 50 FEET

1983 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 0° FOR THE CENTER OF THE WEST EDGE TO 2½° (40 MILS) WESTERLY FOR THE CENTER OF THE EAST EDGE

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

LOCATION DIAGRAM



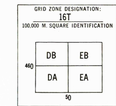
TOWNSHIP OR RANGE LINE

LAND GRANT BOUNDARY

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	

GRID ZONE DESIGNATION: 16T
100,000 M. SQUARE IDENTIFICATION



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: 450000

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

SAMPLE POINT: BREMS

1. Read letters identifying 100,000 meter square in which the point lies: EA
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: 2
   Estimate tenths from grid line to point: 5
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: 7
   Estimate tenths from grid line to point: 6

SAMPLE REFERENCE: EA2576

If reporting beyond 18° in any direction, prefix Grid Zone Designation, as: 16TEA2576

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1984

CHICAGO, ILL.; IND.; MICH.
1953
REVISED 1983

RECEIVED
OCT 9 1999
USGS/NMD
HISTORICAL MAP ARCHIVES

25% TOTAL RECOVERED FIBER

9 780607 195589