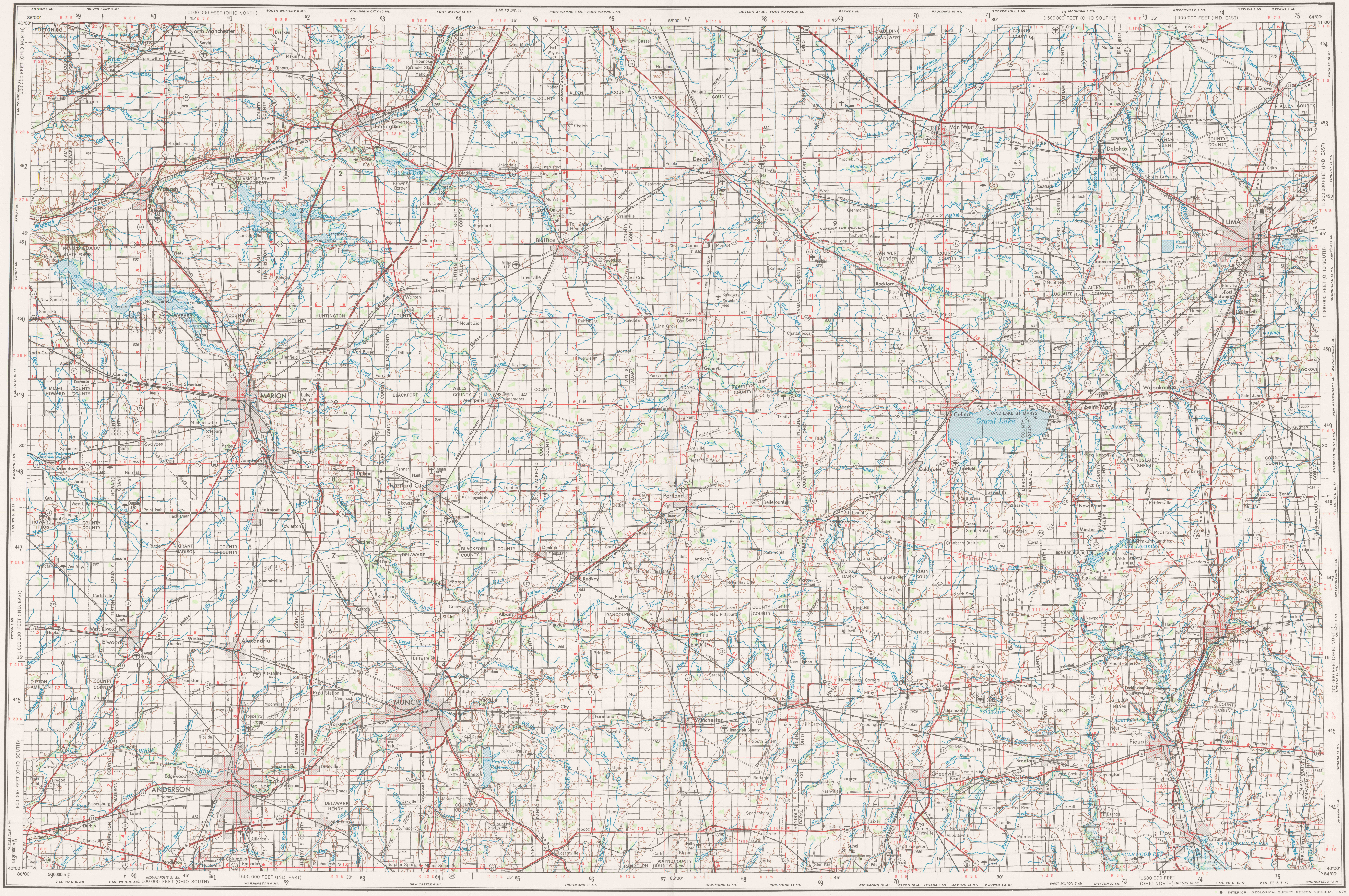
EASTERN UNITED STATES 1:250,000

MUNCIE

NK 16-12



INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1979

Prepared by the Defense Mapping Agency, Topographic Center, Washington, D. C. Compiled in 1954 by photogrammetric methods from aerial photographs taken 1952. Photographs field annotated 1953. Revised by the U. S. Geological Survey from aerial photographs taken 1977 and other source data. Revised information not field checked. Map edited 1978

Area covered by dashed light-blue pattern is subject to controlled inundation

100,000-foot grid based on Indiana coordinate system, east zone, and Ohio coordinate system, north and south zones

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 the boundaries of the National or State reservations shown on this map

U.S. GEOLOGICAL SURVEY RESTON, VA.
MAR 29 1995
LIBRARY

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 — Newnan
- 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

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 — 95 29 193

- Landplane airport
- Landing area
- Seaplane airport
- Seaplane anchorage
- Woods-brushwood
- Mine
- Landmark: School; Church; Other
- Spot elevation in feet — .221
- Marsh or swamp
- Intermittent or dry stream
- Power line

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

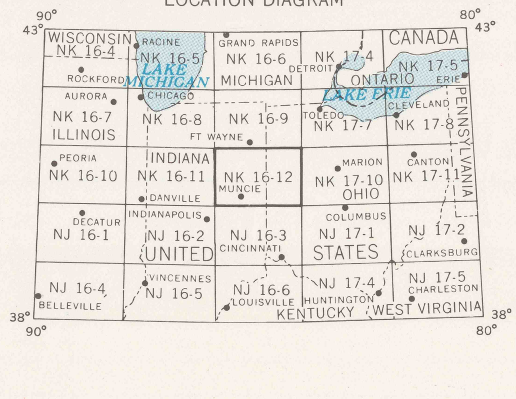
TRANSVERSE MERCATOR PROJECTION

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

1978 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 0° (0 MILS) FOR THE CENTER OF THE WEST EDGE TO 2° (40 MILS) WESTERLY FOR THE CENTER OF THE EAST EDGE

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

EA	FA	GA
EV	FV	GV

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: 4430000

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

SAMPLE POINT: BALBEC

1. Read letters identifying 100,000 meter square in which the point lies:	FV		
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: Estimate tenths from grid line to point:		5 7	
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: Estimate tenths from grid line to point:			8 8
SAMPLE REFERENCE:	FV5788		
If reporting beyond 18° in any direction, prefix Grid Zone Designation, as:	16TFV5788		

MUNCIE, INDIANA; OHIO

1953

REVISED 1978

U.S. Topo.
1:250,000
Muncie, IN 1979 c.1
17 MAR 1995