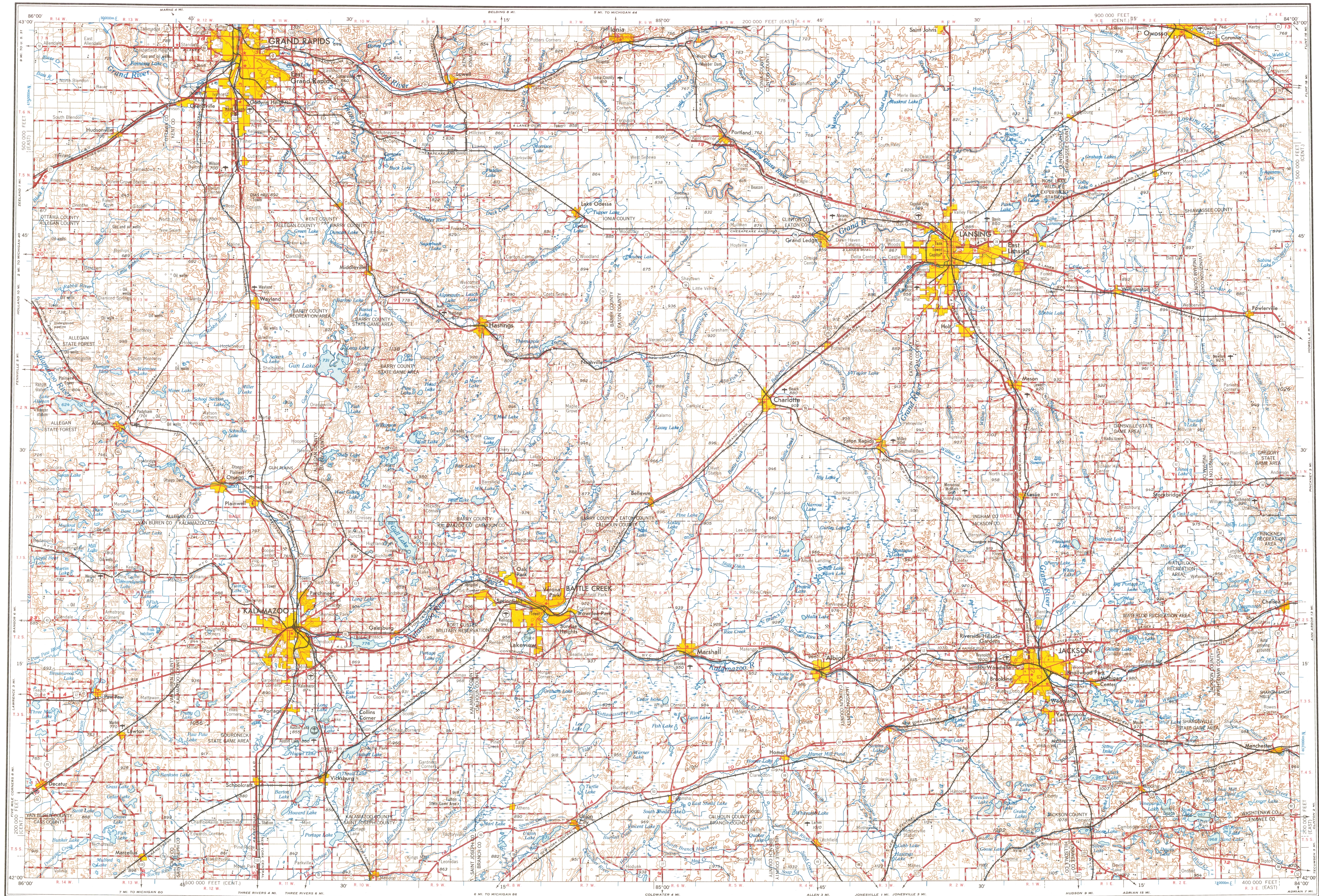




Prepared by the Army Map Service (KCSG), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1957 by photogrammetric methods and from United States Quadrangles, 1:50,000 and 1:62,500 AMS and U. S. Geological Survey, edition 1921-1954. Planimetric detail revised by photogrammetric methods. Horizontal and vertical control by USGS and USGS. Map field checked 1958.

100,000-foot grid based on Michigan coordinate system, central and east zones

10,000-meter Universal Transverse Mercator grid ticks, zone 16, shown in blue

ROAD DATA 1958

Figures in red denote approximate distances in miles between stars

ROADS

- Hard surface, heavy duty
- More than two lanes wide
- Two lanes wide, Federal route marker
- Hard surface, medium duty
- More than two lanes wide
- Two lanes wide, State route marker
- Improved light duty
- Unimproved dirt
- Trail

RAILROADS

- Standard gauge
- Narrow gauge
- Landplane airport
- Seaplane airport
- Orchard
- Woods/brushwood

BOUNDARIES

- International
- State
- County
- Park or reservation

Other

- Landmarks: School; Church; Other
- Spot elevation in feet
- Marsh or swamp
- Intermittent or dry stream
- Power line

Scale 1:250,000

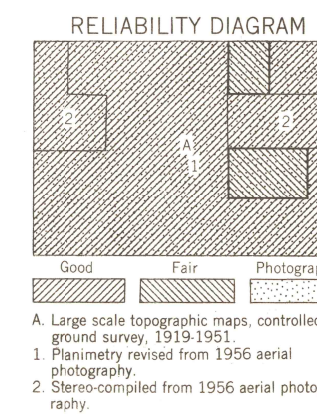
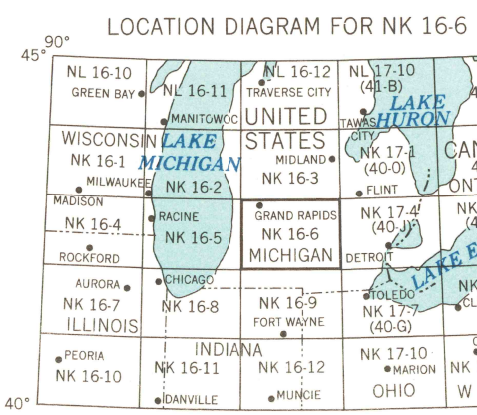
0 5 10 15 20 25 30 Statute Miles

0 5 10 15 20 25 30 Kilometers

CONTOUR INTERVAL 50 FEET
WITH SUPPLEMENTARY CONTOURS AT 25 FOOT INTERVALS
TRANSVERSE MERCATOR PROJECTION

1950 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 0°30' WESTERLY FOR THE CENTER OF THE WEST EDGE TO 2°40' WESTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS NEGLECTABLE.

FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.



United States Topographic Series 1:250,000.

sheet Grand Rapids, 1962 A.

TOWNSHIP OR RANGE LINE

LAND GRANT BOUNDARY

cop 1

18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

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

31 32 33 34 35 36

GRAND RAPIDS, MICHIGAN