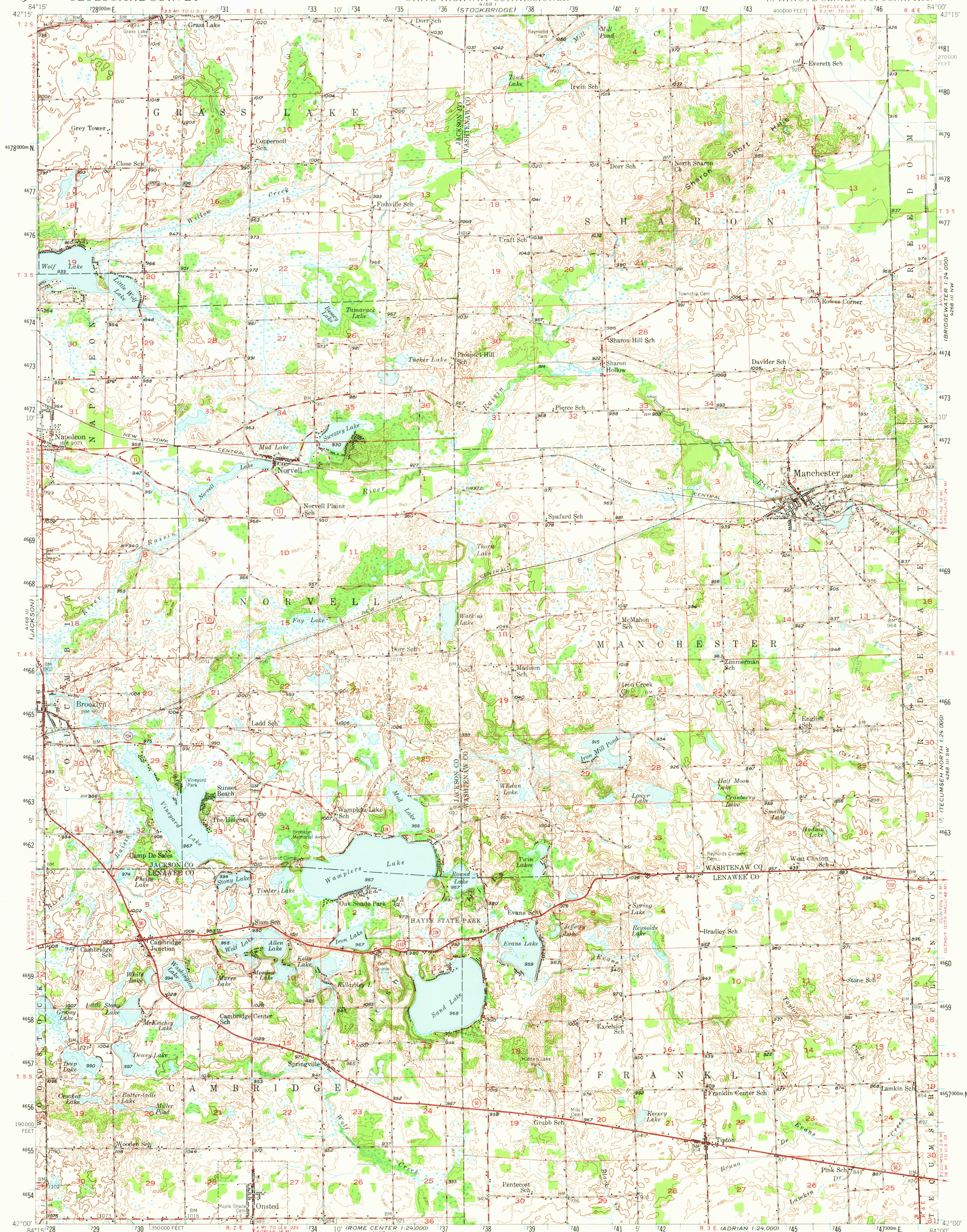


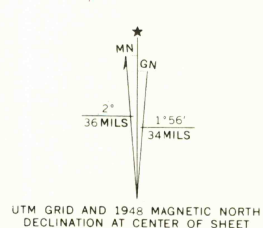
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MICHIGAN
STATE HIGHWAY DEPARTMENT
CHARLES M. ZIEGLER
STATE HIGHWAY COMMISSIONER

MANCHESTER QUADRANGLE
MICHIGAN
15 MINUTE SERIES (TOPOGRAPHIC)



Maped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Culture and drainage in part compiled from
aerial photographs taken 1938 and 1940
Topography by plane-table methods, 1947-1948
Polyconic projection. 1927 North American datum
10,000-foot grid based on Michigan coordinate system,
east zone.
1000-meter Universal Transverse Mercator grid ticks,
zone 16, shown in blue



SCALE 1:62,500
3000 0 3000 6000 9000 12000 15000 18000 21000 FEET
1 0 1 2 3 4 5 KILOMETERS
CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION
HARD-SURFACE ALL WEATHER ROADS DRY WEATHER ROADS
Heavy-duty Improved dirt...
Medium-duty Unimproved dirt...
Loose-surface, graded, or narrow hard-surface
U. S. Route State Route

MANCHESTER, MICH.
N4200-W8400/15

1948

AMS 4168 II-SERIES V762

NOV 2 1981

1900