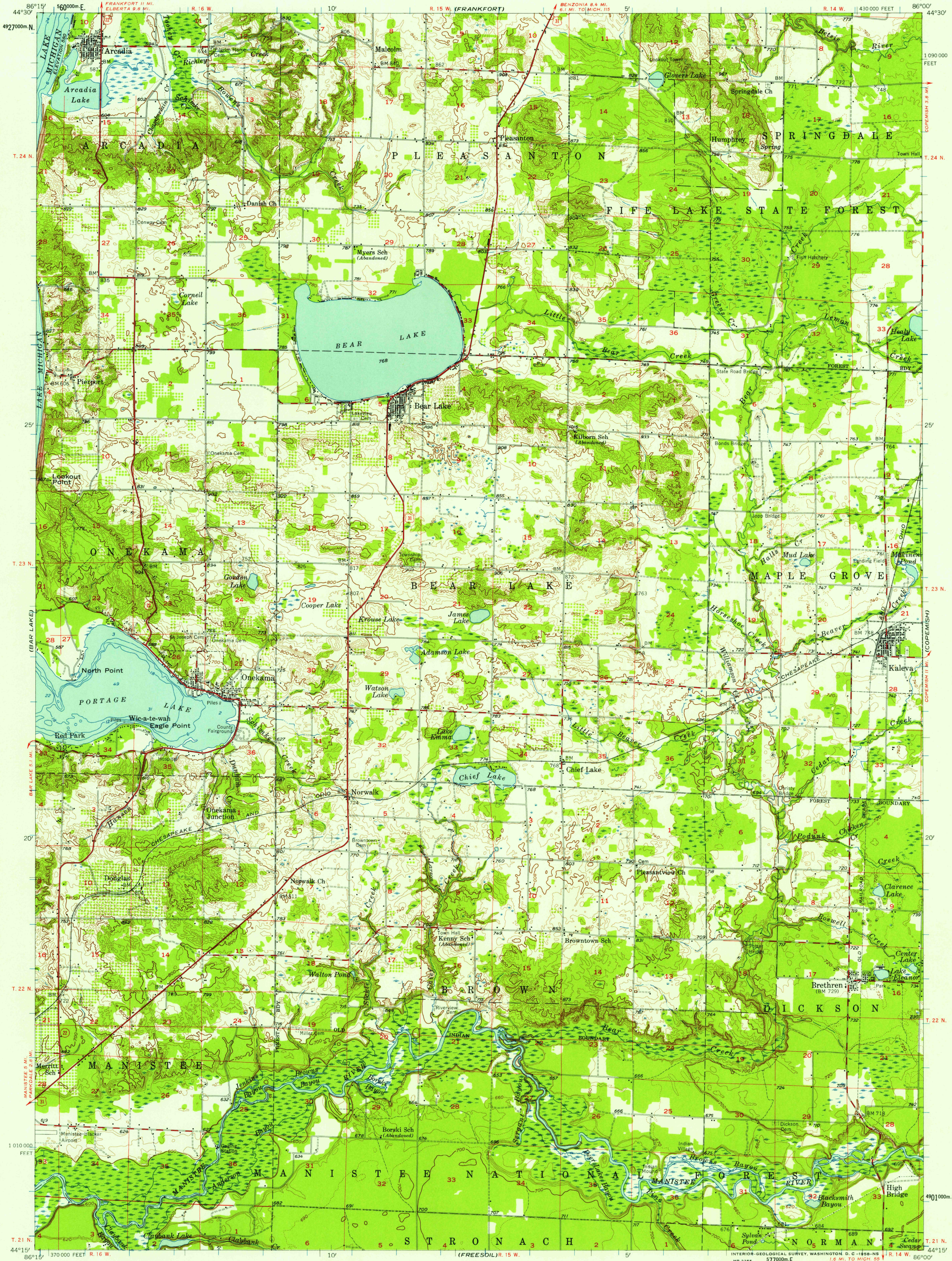


UNITED STATES
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GEOLOGICAL SURVEY

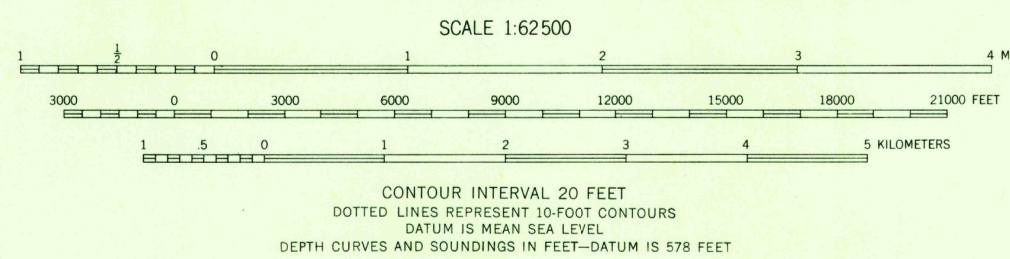
ONEKAMA QUADRANGLE
MICHIGAN—MANISTEE CO.
15 MINUTE SERIES (TOPOGRAPHIC)

(THOMPSONVILLE)



Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography from aerial photographs by Kelsch plotter
Aerial photographs taken 1954. Field check 1956
Hydrography compiled from U. S. Lake Survey charts 77 and 777 (1954)
Polyconic projection. 1927 North American datum
10,000-foot grid based on Michigan coordinate system, central zone
1000-meter Universal Transverse Mercator grid ticks,
zone 16, shown in blue

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN
DECLINATION, 1956



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

USGS
Historical File
Topographic Division
ROAD CLASSIFICATION
Heavy-duty ——— Light-duty ———
Medium-duty ——— Unimproved dirt ———
U. S. Route ——— State Route ———



ONEKAMA, MICH.
N4415—W8600/15
1956

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