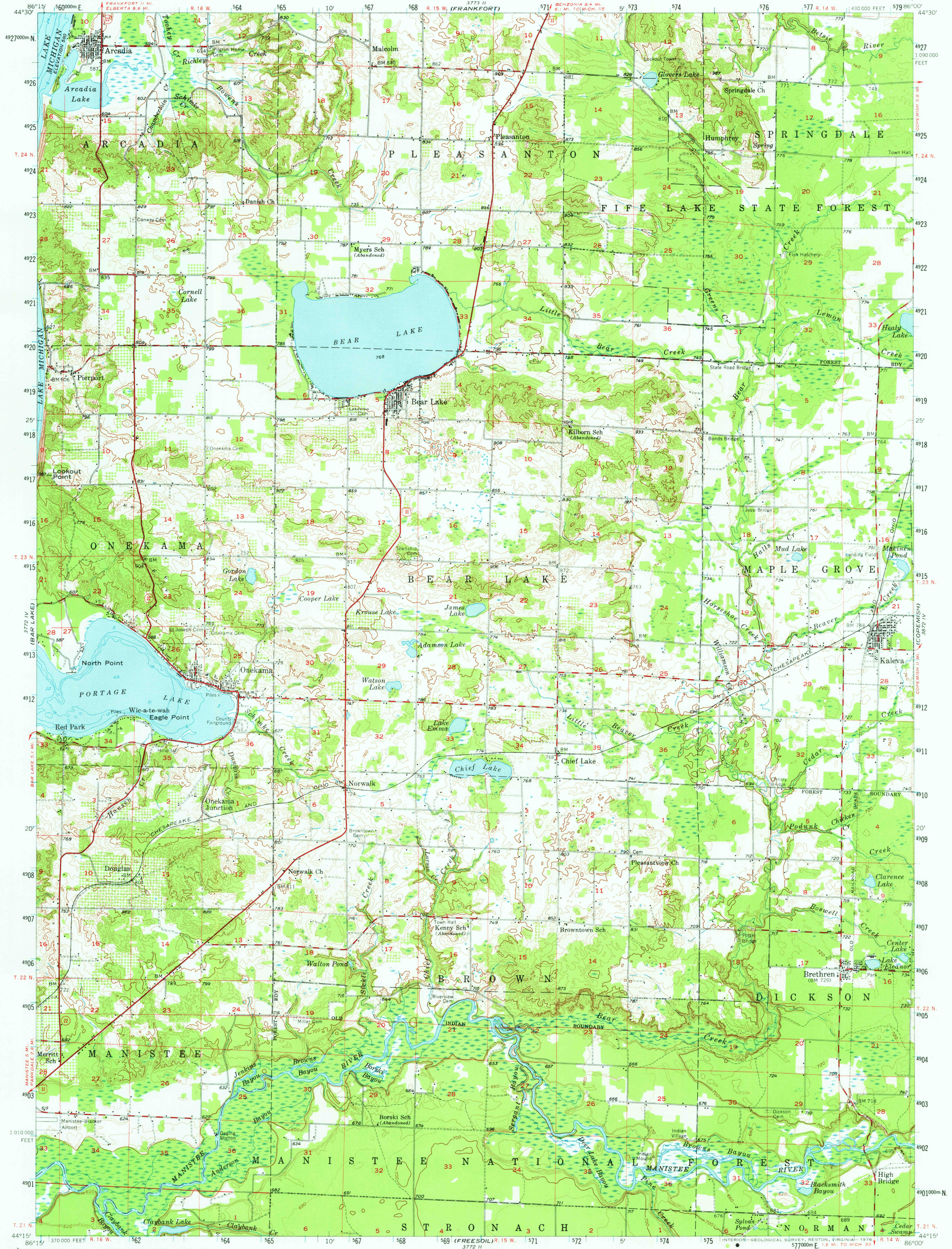


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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



Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography from aerial photographs by Kelsh plotter

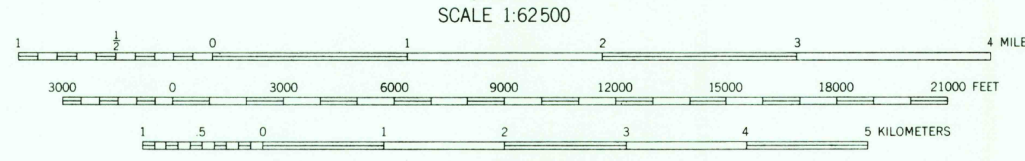
Aerial photographs taken 1954. Field check 1956

Hydrography compiled from U. S. Lake Survey charts 77 and 777 (1954)

Polycyclic 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



CONTOUR INTERVAL 20 FEET

DOTTED LINES REPRESENT 10-FOOT CONTOURS

DATUM IS MEAN SEA LEVEL

DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS 578 FEET

ROAD CLASSIFICATION

- Heavy-duty ————
- Medium-duty ————
- Unimproved dirt ————
- U. S. Route ————
- State Route ————



ONEKAMA, MICH.
N4415—W8600/15

1956

AMS 3772 I—SERIES V762