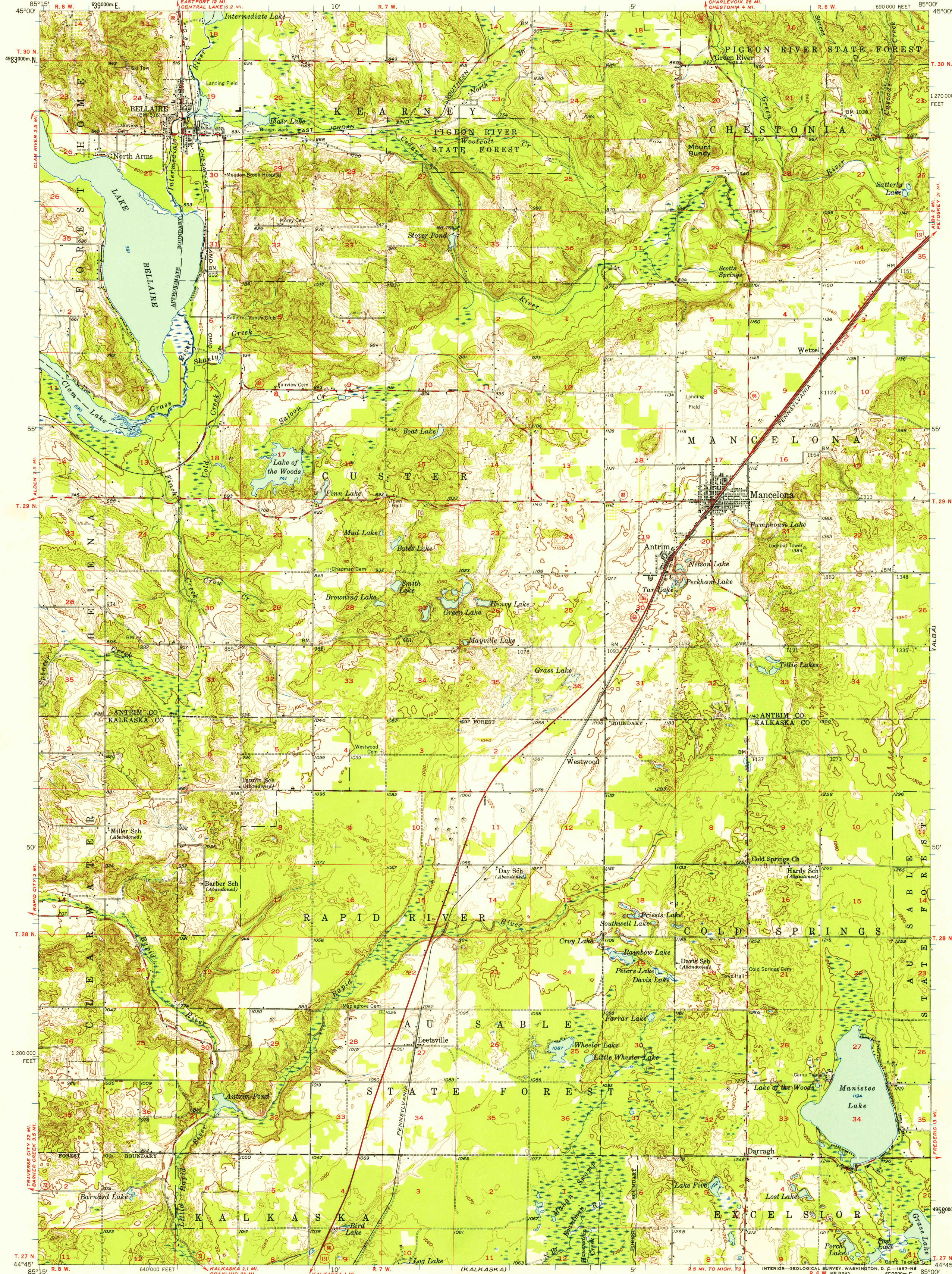


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MANCELONA QUADRANGLE
MICHIGAN
15 MINUTE SERIES (TOPOGRAPHIC)

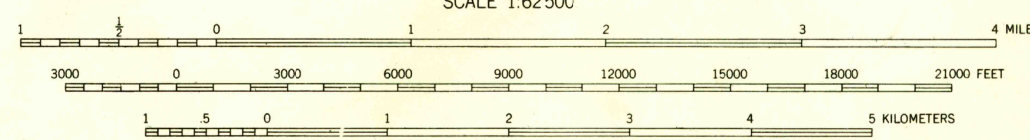
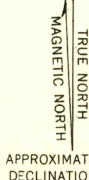


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Mapped, edited, and published by the Geological Survey
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Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1954. Field check 1956
Polyconic projection. 1927 North 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



ROAD CLASSIFICATION
Heavy-duty ——— Light-duty ———
Medium-duty ——— Unimproved dirt ———
U. S. Route —○— State Route —○—



MANCELONA, MICH.
N4445-W8500/15

NOV 12 1957
1960

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
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