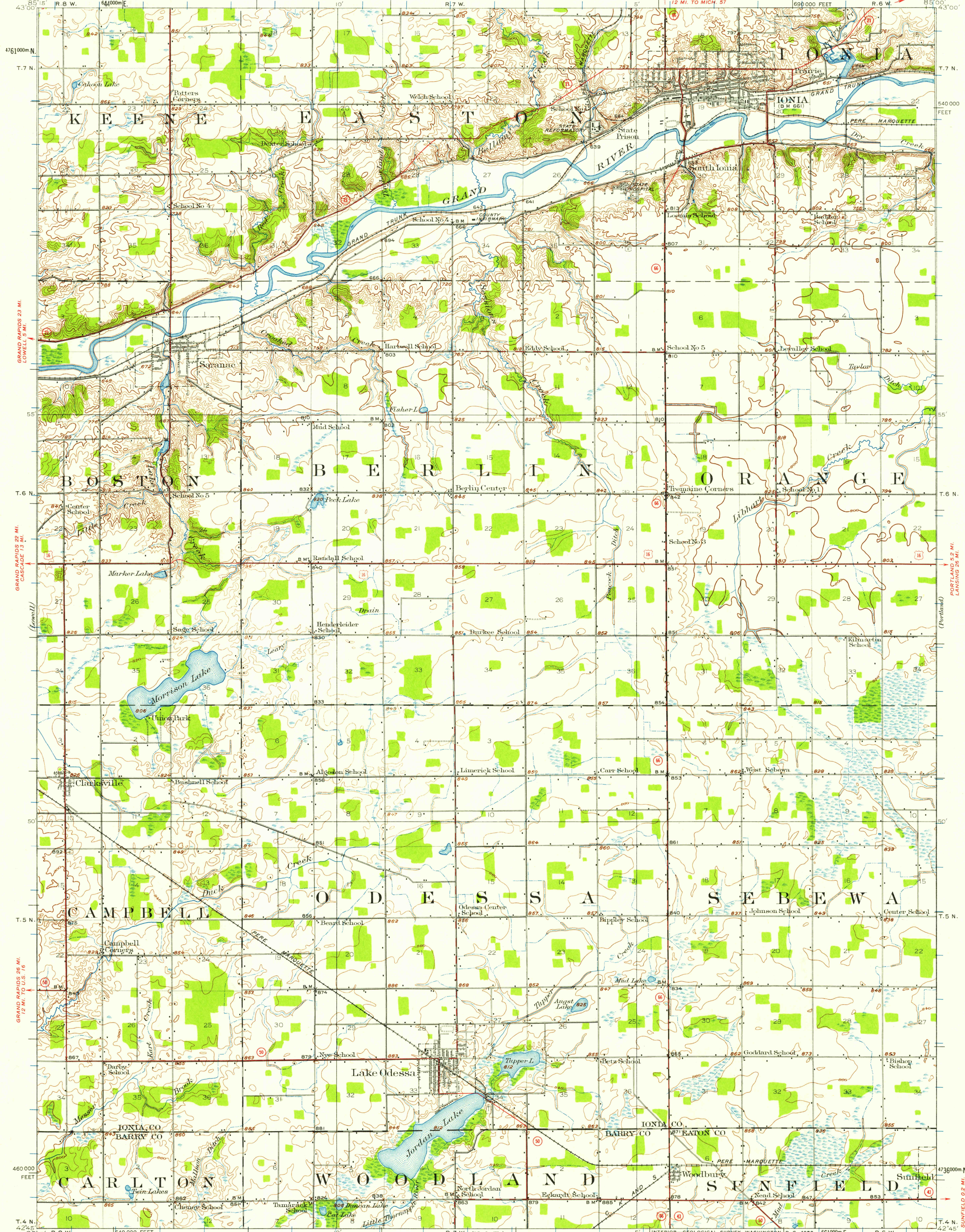


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF MICHIGAN
BOARD OF GEOLOGICAL SURVEY

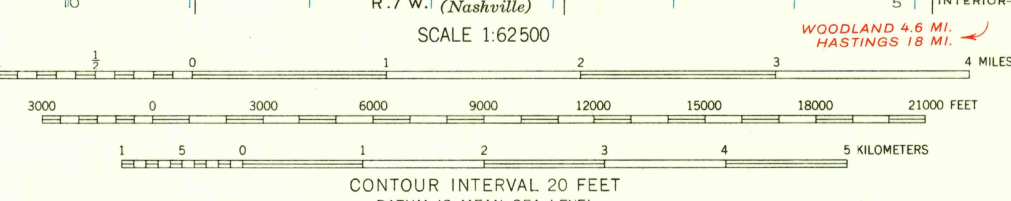
MICHIGAN
IONIA QUADRANGLE



W. H. Herron, Acting Chief Geographer
Glenn S. Smith, Topographic Engineer in charge
Topography by J. H. Jennings and L. L. Lee
Control by J. R. Ellis, Oscar Jones, L. D. Townsend,
H. S. Senseney, and E. C. Bibbee.
Surveyed in 1916.

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

APPROXIMATE MEAN
DECLINATION, 1953



CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

USGS
Historical File
Topographic Division

Polycyclic projection
10,000-foot grid based on Michigan (Central)
rectangular coordinate system
1000-meter Universal Transverse Mercator grid ticks,
zone 16, shown in blue
KELLY 6.6 MI.
CHARLOTTE (JUNC. U.S. 27) 17 MI.

IONIA, MICH.
N 4245-W 8500/15

1916

U.S.G.S.
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MAR - 6 1958

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