

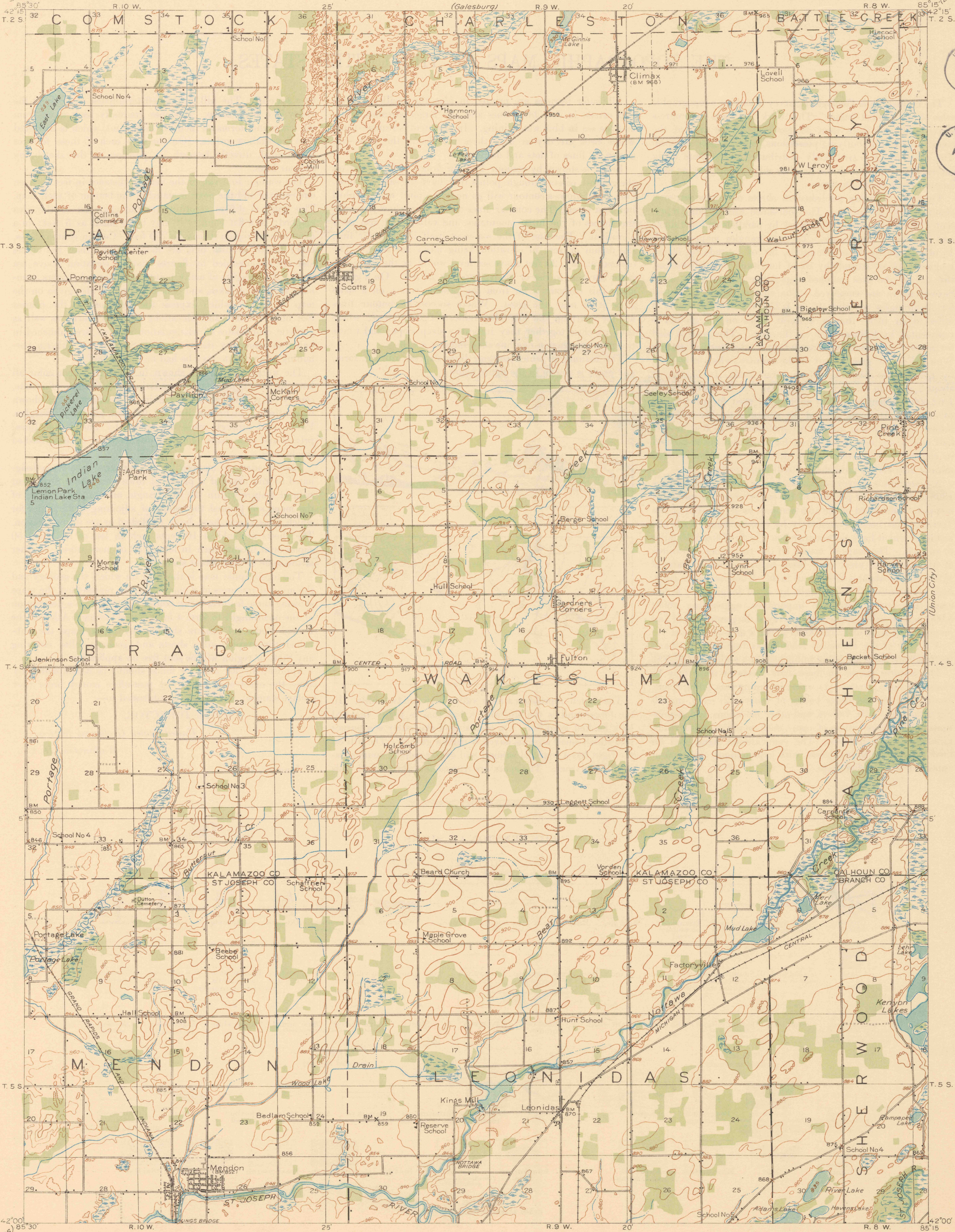
TOPOGRAPHY

DEPARTMENT OF THE INTERIOR
FRANKLIN K. LANE, SECRETARY
U. S. GEOLOGICAL SURVEY
GEORGE OTIS SMITH, DIRECTOR

STATE OF MICHIGAN
BOARD OF GEOLOGICAL SURVEY
R. A. ALLEN, STATE GEOLOGIST

WAR DEPARTMENT
CORPS OF ENGINEERS, U. S. ARMY

MICHIGAN
LEONIDAS QUADRANGLE



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METER SCALE
0 METERS 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000
1 DIV = 50 M 1 DIV = 100 M

R. B. Marshall, Chief Geographer.
W. H. Herron, Geographer in charge.
Topography by J. I. Gayetty, P. W. McMillen, W. F. Hicks,
and J. C. Hillard.
Control by H. S. Senseney, S. L. Parker, and E. E. Harris.
Surveyed in 1917.

SURVEYED IN COOPERATION WITH THE WAR DEPARTMENT
AND THE STATE OF MICHIGAN.

1:1 G
JCH WFM

Scale 62500
1000 500 0 1000 2000 3000 4000 5000 6000 7000 Yards
1 2 3 4 5 Kilometers

Contour interval 20 feet.
Datum is mean sea level.

APPROXIMATE MEAN
DECLINATION 1917

Edition of 1918.

LEONIDAS, MICH.