UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF OHIO
REPRESENTED BY THE GOVERNOR
C.E.SHERMAN, INSPECTOR

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

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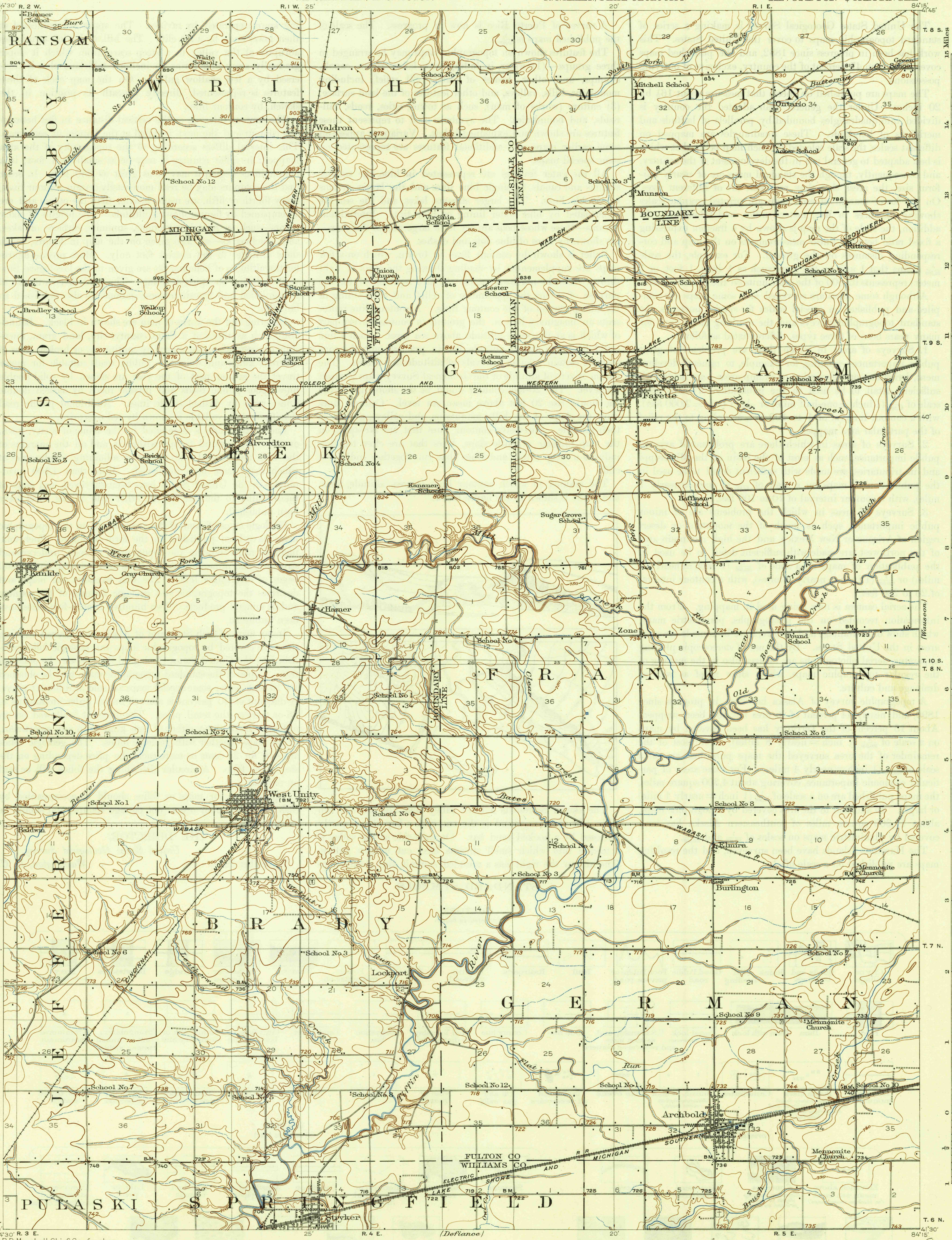
OHIO - MICHIGAN
ALVORDTON QUADRANGLE



R.B.Marshall, Chief Geographer.
W.H.Herron, Geographer in charge.
Topography by J.H.Jennings and N.E.Ballmer.
Control by Geo.T.Hawkins, J.R.Ellis, Howard Clark, Philip Flitman, and C.W.Howell.
Surveyed in 1911.

Ballmer
Jennings

SURVEYED IN COOPERATION WITH THE STATES OF OHIO AND MICHIGAN.

Scale $\frac{1}{62500}$

1 ½ 0 1 2 3 4 Miles

1 ½ 0 1 2 3 4 5 Kilometers

Contour interval 10 feet.
Datum is mean sea level.

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION 1911.

Edition of Oct. 1913 reprinted 1941
Polyconic projection.

USGS
Historical File
Topographic Division

O.-MICH.
ALVORDTON

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JAN 15 1942

1940