

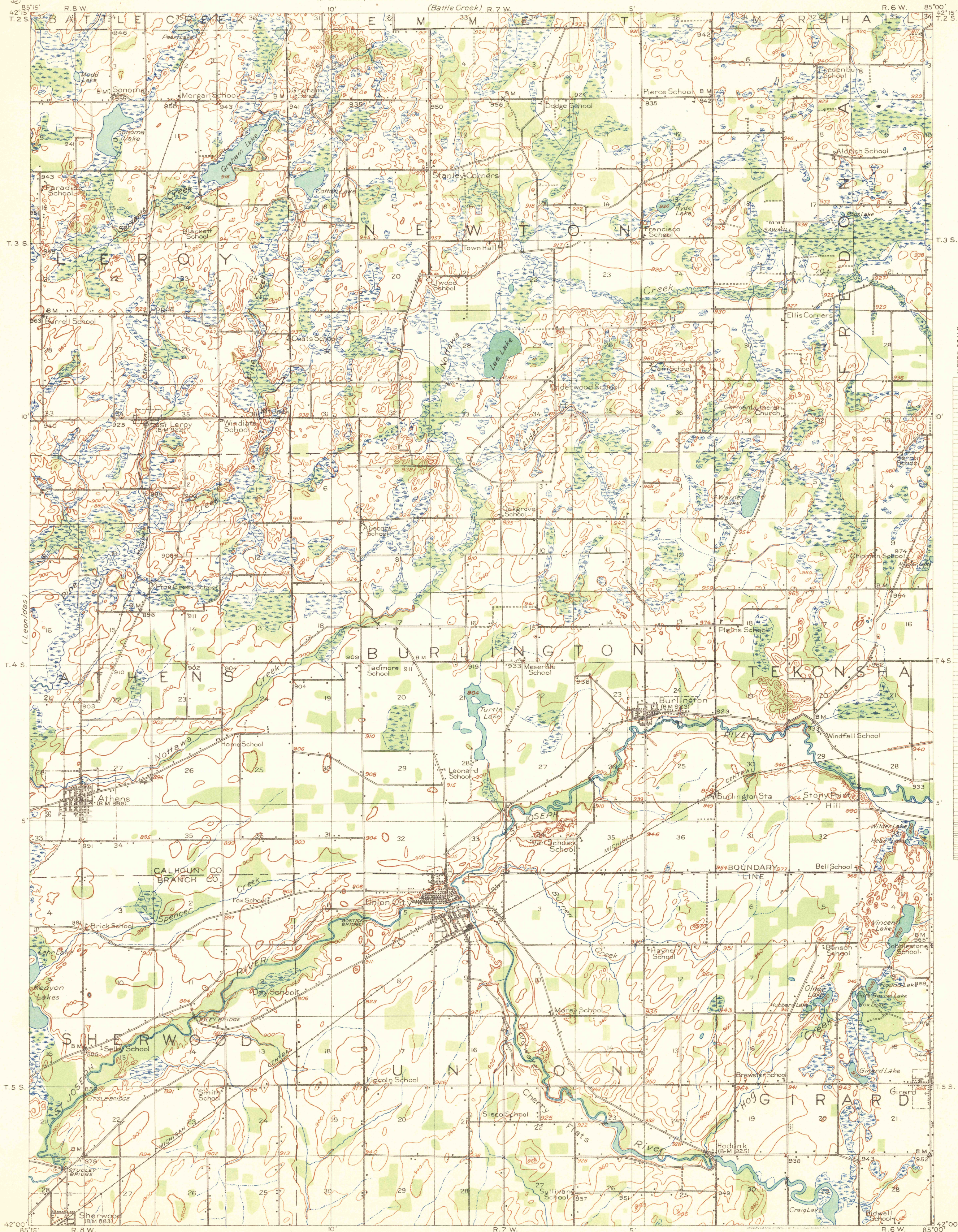
# TOPOGRAPHY

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

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

WAR DEPARTMENT  
CORPS OF ENGINEERS, U. S. ARMY

MICHIGAN  
UNION CITY QUADRANGLE



METER SCALE  
1:62,500  
10000  
8000  
6000  
4000  
2000  
0  
1 DIVISION = 1514.43 M

R. B. Marshall, Chief Geographer.  
W. H. Herron, Geographer in charge.  
Topography by Duncan Hannegan, G. H. Guerdum,  
F. W. Farnsworth, and E. J. Essick.  
Control by H. S. Senseney, C. H. Davey, and E. E. Harris.  
Surveyed in 1917.

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



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

Contour interval 20 feet.  
Datum is mean sea level.

APPROXIMATE MEAN  
DECLINATION, 1917

Edition of 1918.

*Superseded by edition  
7 1950.*

UNION CITY