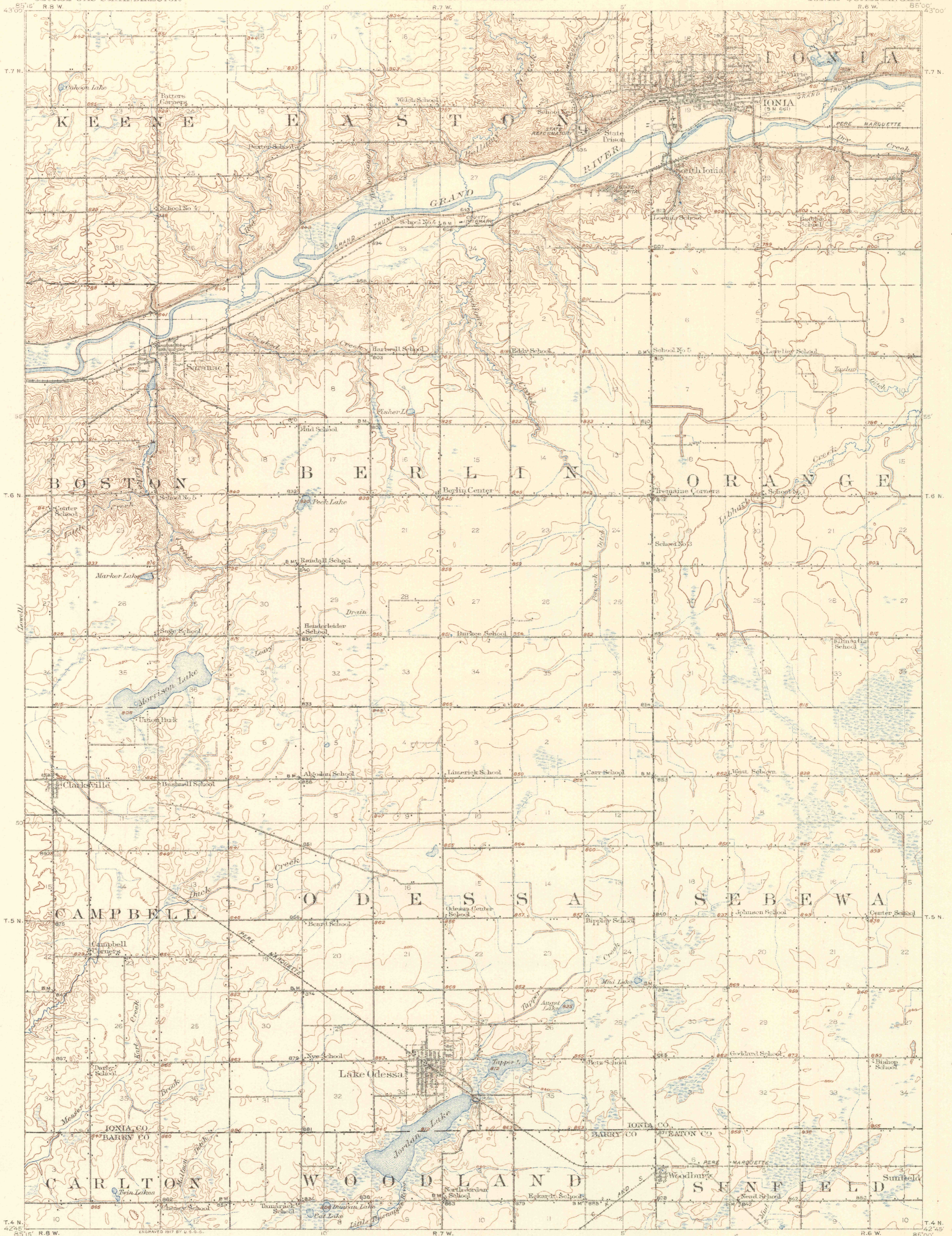


# TOPOGRAPHY

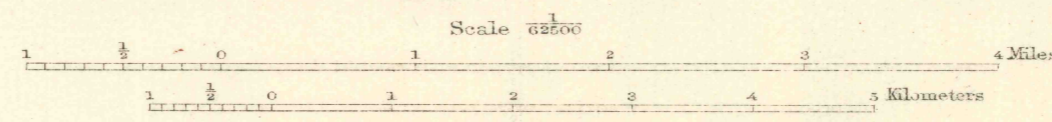
STATE OF MICHIGAN  
BOARD OF GEOLOGICAL SURVEY  
R. C. ALLEN, STATE GEOLOGIST

MICHIGAN  
IONIA QUADRANGLE



846

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.



Contour interval 20 feet.  
Datum is near sea level.

MAGNETIC NORTH  
TRUE NORTH  
APPROXIMATE MEAN  
DECLINATION 1956

Edition of 1918.

IONIA

SURVEYED IN COOPERATION WITH THE STATE OF MICHIGAN.