

(KALAMAZOO)

MICHIGAN 1:62,500

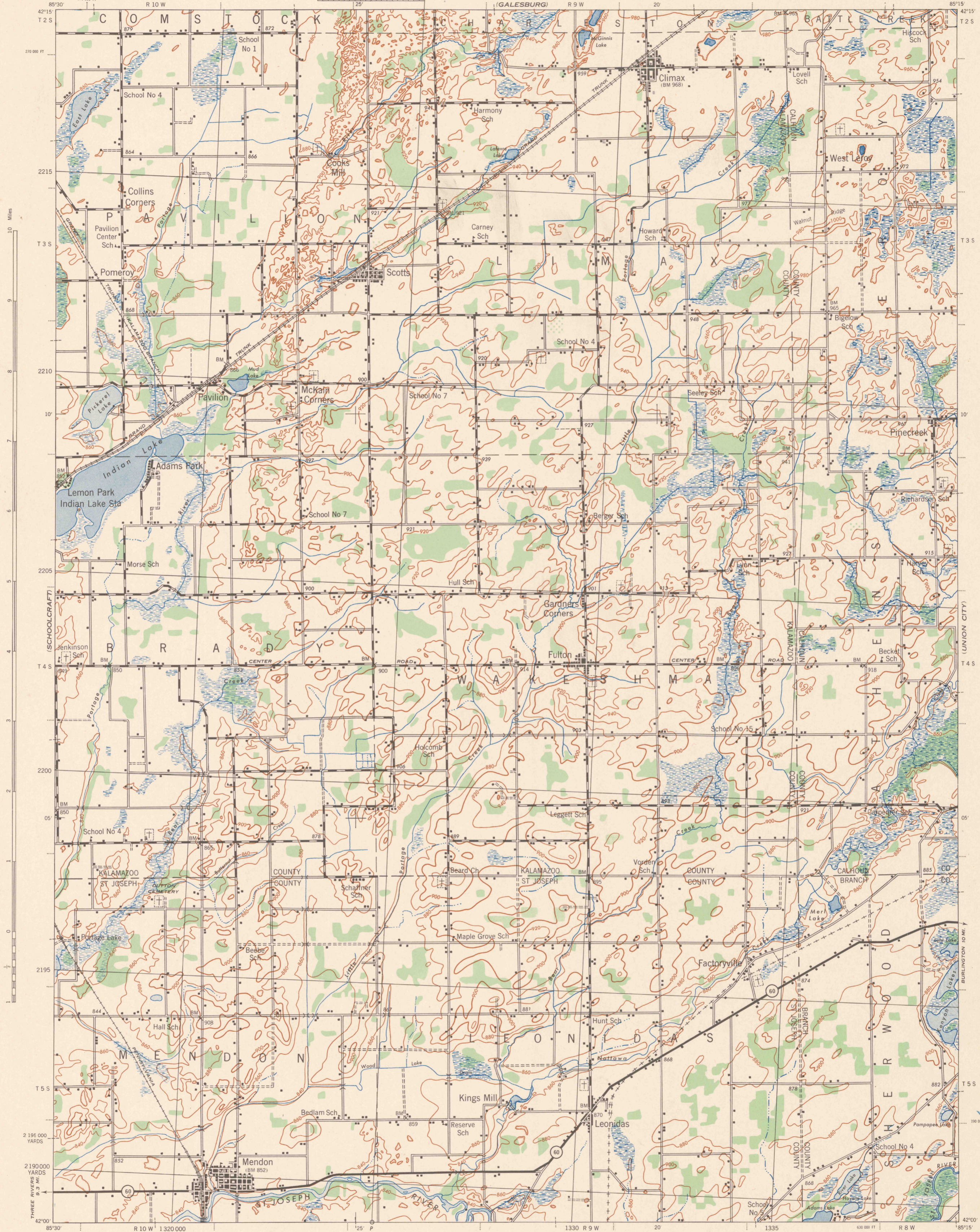


WAR DEPARTMENT  
CORPS OF ENGINEERS, U. S. ARMY

FIRST EDITION - AMS 1

LEONIDAS QUADRANGLE  
15 MINUTE SERIES

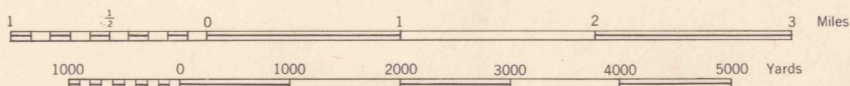
(BATTLE CREEK)



First edition, 1944.  
Prepared under the direction of the Chief of Engineers, U. S. Army, by the  
Army Map Service (PT), U. S. Army, Washington, D. C., 1942.  
Based on U. S. G. S. quadrangle, Leonidas, 1:62,500 (1918).  
Horizontal and vertical control by U. S. G. S.  
Revised from single lens vertical aerial photographs.  
Aerial photography - A. A. Department of Agriculture, 1938.  
Polyconic Projection, North American datum 1927.

ROAD CLASSIFICATION 1943  
Dependable hard surface, heavy-duty road. ———— Loose surface gravel, dry weather road. ———— U. S. Route 160  
Secondary, hard surface, all-weather road. ———— Dirt road. ———— State Route 30  
More than two lanes indicated by note along road with tick at point of change. ———— 3 LANE ———— 4 LANE

Scale 1:62,500



CONTOUR INTERVAL 20 FEET  
DATUM IS MEAN SEA LEVEL  
FIVE THOUSAND YARD GRID COMPUTED FROM "GRID SYSTEM FOR PROGRESSIVE MAPS  
IN THE U. S. ZONE C, U. S. C. & G. S. SPECIAL PUBLICATION NO. 59"  
THE LAST THREE DIGITS OF THE GRID NUMBERS ARE OMITTED  
THE OVERLAPPING GRID, ZONE B, IS INDICATED BY SHORT BROKEN TICKS CROSSING THE NEAT LINE  
MICHIGAN STATE GRID ZONE CENTRAL IS INDICATED BY DOTTED TICKS  
OUTSIDE THE NEAT LINE AT 10,000 FOOT INTERVALS  
NOTE: OFFICERS USING THIS MAP WILL MARK HEREON CORRECTIONS AND ABERRATIONS WHICH COME  
TO THEIR ATTENTION AND MAIL DIRECT TO THE CHIEF OF ENGINEERS, WASHINGTON, D. C.

Use diagram only to obtain numerical values.  
To determine magnetic north line, connect the  
pivot point "P" on the south edge of the map  
with the value of the angle between GRID  
NORTH and MAGNETIC NORTH, as plotted on  
the degree scale at the north edge of the map.  
GRID DEC. AT THE  
CENTER OF THE  
SHEET FOR ZONE B  
21° 12' W OR 43 MILS  
APPROXIMATE MEAN DECLINATION 1944  
FOR CENTER OF SHEET  
ANNUAL MAGNETIC CHANGE 1 DECREASE

444 SX

LEONIDAS, MICH.  
N4200-W8515/15

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MAP INFORMATION OFFICE