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TOPOGRAPHIC DIVISION

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Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Topography from aerial photographs by photogrammetric methods  
Aerial photographs taken 1952. Field check 1954  
Hydrography from U.S. Lake Survey Charts 706 (1:80 000)  
and 789 (1:30 000)  
Polyconic projection. 1927 North American datum  
10,000-foot grid based on Michigan coordinate system,  
central zone  
Red tint indicates areas in which only  
landmark buildings are shown

TRUE NORTH  
MAGNETIC NORTH  
APPROXIMATE MEAN  
DECLINATION, 1954

3000 0 3000 6000 9000 12000 15000 18000 21000 FEET  
1 5 0 1 2 3 4 5 KILOMETERS

CONTOUR INTERVAL 20 FEET  
DATUM IS MEAN SEA LEVEL  
DEPTH CURVES AND SOUNDINGS IN FEET-DATUM IS 578 FEET

USGS  
Historical File  
Topographic Division

ROAD CLASSIFICATION  
Light-duty  
4 LANE, 6 LANE  
Medium-duty  
4 LANE, 6 LANE  
Unimproved dirt

U. S. Route  
State Route



CHARLEVOIX, MICH.  
N4515-W8515/15  
1954

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

JAN 3 1956  
2050