



Mapped by the Army Map Service  
Published for civil use by the Geological Survey  
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Topography from aerial photographs by photogrammetric methods  
Aerial photographs taken 1952. Field check 1953  
Polyconic projection, 1927 North American datum  
10,000-foot grid based on Iowa coordinate system, south zone  
1000-meter Universal Transverse Mercator grid ticks,  
zone 15, shown in blue  
Unchecked elevations are shown in brown  
Revisions shown in purple compiled by the Geological Survey from  
aerial photographs taken 1970. This information not field checked



SCALE 1:24,000



CONTOUR INTERVAL 10 FEET  
DATUM IS MEAN SEA LEVEL

USGS  
Historical File  
Topographic Division

ROAD CLASSIFICATION  
Medium-duty ——— Light-duty ———  
Unimproved dirt - - - - -



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
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MCCAUSLAND, IOWA  
N 4137.5 - W 9022.5 / 7.5

1953  
PHOTOREVISED 1970  
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MAR 24 1971