



USGS NMD RESEARCH
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REFERENCE COLLECTION

Maped, edited, and published by the Geological Survey as part of the Department of the Interior program for the development of the Missouri River Basin Control by USGS and USC&GS

Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1952. Field check 1956

Polycyclic 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

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1956

SCALE 1:24000

1 MILE
0 1000 2000 3000 4000 5000 6000 7000 FEET

1 KILOMETER
0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 METERS

CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

IOWA
QUADRANGLE LOCATION

ROAD CLASSIFICATION

Heavy-duty ——— Light-duty ———
Medium-duty ——— Unimproved dirt ———

U.S. Route — State Route —

MALVERN, IOWA
N4100—W9530/7.5

1956

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 2, COLORADO OR WASHINGTON 25, D. C.
AND BY THE IOWA GEOLOGICAL SURVEY, IOWA CITY, IOWA
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