



V502, EDITION 3

Prepared by the U. S. Army Topographic Command (AM), Washington, D. C. Compiled in 1953 by photogrammetric methods from aerial photographs taken 1949-50. Map field checked 1954. Revised in 1974 by the U. S. Geological Survey from aerial photographs taken 1973.

100,000-foot grid based on Iowa coordinate system, north zone

Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geodetic Control Diagram

LEGEND

Figures in red denote approximate distances in miles between stars

POPULATED PLACES

Over 500,000
100,000 to 500,000
25,000 to 100,000
5,000 to 25,000
1,000 to 5,000
Less than 1,000

ROADS

Primary, all-weather, hard surface
Secondary, all-weather, hard surface
Light-duty, all-weather, hard or improved surface
Fair or dry weather, unimproved surface
Trail
Interchange

RAILROADS

Standard gauge
Narrow gauge
International
State
County
Park or reservation

WATER

Landline airport
Landing area
Seaplane airport
Seaplane anchorage
Woods-brushwood

OTHER

Mine
Landmark: School; Church; Other, etc.
Marsh or swamp
Intermittent or dry stream
Power line

Scale 1:250,000

20 Statute Miles

10 Kilometres

15 Nautical Miles

CONTOUR INTERVAL 50 FEET
WITH SUPPLEMENTARY CONTOURS AT 25 FOOT INTERVALS

TRANSVERSE MERCATOR PROJECTION

BLACK NUMBERED LINES INDICATE THE 10,000 METRE UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 15

1970 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 7'10" (130 MILS) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 6'15" (120 MILS) EASTERLY FOR THE CENTER OF THE EAST EDGE

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

LOCATION DIAGRAM

Shows the location of the map area within the United States, with a grid system and labels for various states and regions.

SECTIONIZED TOWNSHIP

Shows the township and range lines, with a grid system and labels for various townships and ranges.

GRID ZONE DESIGNATION

Shows the grid zone designation, with a grid system and labels for various grid zones.

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METRES

Shows the standard reference, with a grid system and labels for various standard references.

USGS Historical File Topographic Division

Fort Dodge, Iowa

1954

REVISED 1974

NOV 23 1976

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