



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

LANDSCAPE

Landline airport
Landing area
Seaplane airport
Seaplane anchorage
Woods-brushwood

Other Features

Mine
Landmark: School; Church; Other, etc.
Spot elevation in feet
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 state boundaries and major cities indicated.

SECTIONIZED TOWNSHIP

Shows the township and range lines, with the map area highlighted in red.

GRID ZONE DESIGNATION

15T

100,000 M. SQUARE IDENTIFICATION

TT UT VT
TS US VS

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

SAMPLE POINT: PIPER

1. Read letters identifying 100,000 metre square in which the point lies.

2. Locate first VERTICAL grid line to LEFT of point and read LARGE figures labeling the line either on the top or bottom margin, or on the line itself.

3. Estimate tenths from grid line to point.

4. Locate first HORIZONTAL grid line BELOW point and read LARGE figures labeling the line either on the left or right margin, or on the line itself.

Estimate tenths from grid line to point.

SAMPLE REFERENCE: 037281

15TUS291

USGS
Historical File
Topographic Division

FORT DODGE, IOWA
1954
REVISED 1974

STOCK NO. V502XNK154-03