



Prepared by the Defense Mapping Agency Topographic Center, Washington, D. C. Compiled in 1955 by photogrammetric methods and from United States quadrangle 1:125,000, 1903. Planimetric detail revised by photo-planimetric methods. Photographs field annotated 1954. Revised by the U. S. Geological Survey from aerial photographs taken 1973 thru 1975. Map edited 1977.

Area covered by dashed light-blue pattern is subject to controlled inundation 100,000-foot grids based on Missouri coordinate system, central and west zones and Iowa coordinate system, south 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

RAILROADS

Single track Double or Multiple
Normal gauge
Narrow gauge
Interchange

BOUNDARIES

International
State
County
Park or reservation

ROADS

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

Route markers: Interstate, U.S., State

Landmarks: School, Church, Other

Spot elevation in feet

Seaplane airport

Seaplane anchorage

Marsh or swamp

Intermittent or dry stream

Woods/brushwood

Power line

Scale 1:250,000

0 5 10 15 20 25 30 Statute Miles

0 5 10 15 20 25 30 Kilometers

0 5 10 15 20 25 30 Nautical Miles

CONTOUR INTERVAL 50 FEET

WITH SUPPLEMENTARY CONTOURS AT 25 FOOT INTERVALS

TRANSVERSE MERCATOR PROJECTION

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

1977 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 6° 10' 00" WEST TO 6° 10' 00" EAST FOR THE CENTER OF THE WEST ZONE TO 4° 10' 00" WEST TO 4° 10' 00" EAST FOR THE CENTER OF THE EAST ZONE

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

6	5	4	3	2	1
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36

GRID ZONE DESIGNATION

15T

100,000 M. SQUARE IDENTIFICATION

VR WR

50

4430000

15700479

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

SAMPLE POINT HARTFORD

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

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

3. Estimate tenths from grid line to point

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

5. Estimate tenths from grid line to point

6. If reporting beyond 10' in any direction, prefix Grid Zone Designation, ex: 15700479

CENTERVILLE, IOWA; MISSOURI

USGS
Historical File
Topographic Division

1954
REVISED 1977

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