



V502, EDITION 4
Prepared by the U.S. Army Topographic Command (KOGC), Washington, D.C. Compiled in 1955 by photogrammetric methods and from United States quadrangles, 1:50,000, 1:62,500, and 1:125,000, 1900-1950. Planimetry revised from aerial photographs taken 1941, 1950, 1953-54. Photographs revised annotated 1953-54. Revised in 1973 by the U.S. Geological Survey from aerial photographs taken 1973.
Area covered by dashed light-blue pattern is subject to controlled inundation.
100,000-foot grids based on Kansas coordinate system, south zone and Missouri coordinate system, west zone.
Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geodetic Control Diagram.

LEGEND

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
- Grand Coulee
- Sun Valley

RAILROADS

- Standard gauge
- Narrow gauge
- Interchange
- State
- County
- Park or reservation

Landmark

- Landplane airport
- Landing area
- Seaplane airport
- Seaplane anchorage
- Woods-brushwood

Other

- Church
- Mine
- Spot elevation in feet
- Marsh or swamp
- Intermittent or dry stream
- 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 100 FEET

WITH SUPPLEMENTARY CONTOURS AT 50 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 8° 10' WEST TO 8° 10' EAST FOR THE CENTER OF THE WEST EDGE TO 7° 10' WEST EASTERLY FOR THE CENTER OF THE EAST EDGE.

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

LOCATION DIAGRAM

100,000 M. SQUARE IDENTIFICATION

1. Read letters identifying 100,000 metre square in which the spot is located.

2. Locate first VERTICAL and use to LEFT of spot and read first letter of the line either in the top or bottom margin or on the line itself.

3. Estimate tenths from grid line to point. Locate first HORIZONTAL grid line below point and read first letter of the line either in the left or right margin, or on the line itself.

4. Estimate tenths from grid line to point. Locate first VERTICAL grid line to the right of point and read first letter of the line either in the top or bottom margin, or on the line itself.

5. Estimate tenths from grid line to point. Locate first HORIZONTAL grid line above point and read first letter of the line either in the left or right margin, or on the line itself.

6. Estimate tenths from grid line to point. Locate first VERTICAL grid line to the left of point and read first letter of the line either in the top or bottom margin, or on the line itself.

7. Estimate tenths from grid line to point. Locate first HORIZONTAL grid line below point and read first letter of the line either in the left or right margin, or on the line itself.

8. Estimate tenths from grid line to point. Locate first VERTICAL grid line to the right of point and read first letter of the line either in the top or bottom margin, or on the line itself.

9. Estimate tenths from grid line to point. Locate first HORIZONTAL grid line above point and read first letter of the line either in the left or right margin, or on the line itself.

10. Estimate tenths from grid line to point. Locate first VERTICAL grid line to the left of point and read first letter of the line either in the top or bottom margin, or on the line itself.

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

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

SAMPLE POINT LOCATION

1. Read letters identifying 100,000 metre square in which the spot is located.

2. Locate first VERTICAL and use to LEFT of spot and read first letter of the line either in the top or bottom margin or on the line itself.

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