



Prepared by the U. S. Army Topographic Command (LKBTT), Washington, D. C. Compiled in 1955 by photogrammetric methods from aerial photographs taken 1953. Photographs field annotated in 1953. Revised in 1975 by the U. S. Geological Survey from photographs taken 1974.
 100,000-foot grid based on Minnesota coordinate system, central 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	LOS ANGELES
100,000 to 500,000	OMAHA
25,000 to 100,000	GALVESTON
5,000 to 25,000	DURANGO
1,000 to 5,000	Grand Coulee
Less than 1,000	Sun Valley

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
- Landplane airport
- Mine
- Spot elevation in feet
- Marsh or swamp
- Intermittent or dry stream
- Power line

BOUNDARIES

- International
- State
- County
- Park or reservation
- Landmark: School; Church; Other

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

1975 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 7' 12" (100MILES) EASTERLY FOR THE CENTER OF THE EAST EDGE TO 5' 19" (190 MILES) EASTERLY FOR THE CENTER OF THE EAST EDGE

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

LOCATION DIAGRAM

49° 00' N 90° 00' W

48° 00' N 90° 00' W

47° 00' N 90° 00' W

46° 00' N 90° 00' W

45° 00' N 90° 00' W

44° 00' N 90° 00' W

43° 00' N 90° 00' W

42° 00' N 90° 00' W

41° 00' N 90° 00' W

40° 00' N 90° 00' W

39° 00' N 90° 00' W

38° 00' N 90° 00' W

37° 00' N 90° 00' W

36° 00' N 90° 00' W

35° 00' N 90° 00' W

34° 00' N 90° 00' W

33° 00' N 90° 00' W

32° 00' N 90° 00' W

31° 00' N 90° 00' W

30° 00' N 90° 00' W

29° 00' N 90° 00' W

28° 00' N 90° 00' W

27° 00' N 90° 00' W

26° 00' N 90° 00' W

25° 00' N 90° 00' W

24° 00' N 90° 00' W

23° 00' N 90° 00' W

22° 00' N 90° 00' W

21° 00' N 90° 00' W

20° 00' N 90° 00' W

19° 00' N 90° 00' W

18° 00' N 90° 00' W

17° 00' N 90° 00' W

16° 00' N 90° 00' W

15° 00' N 90° 00' W

14° 00' N 90° 00' W

13° 00' N 90° 00' W

12° 00' N 90° 00' W

11° 00' N 90° 00' W

10° 00' N 90° 00' W

9° 00' N 90° 00' W

8° 00' N 90° 00' W

7° 00' N 90° 00' W

6° 00' N 90° 00' W

5° 00' N 90° 00' W

4° 00' N 90° 00' W

3° 00' N 90° 00' W

2° 00' N 90° 00' W

1° 00' N 90° 00' W

0° 00' N 90° 00' W

1° 00' N 91° 00' W

2° 00' N 91° 00' W

3° 00' N 91° 00' W

4° 00' N 91° 00' W

5° 00' N 91° 00' W

6° 00' N 91° 00' W

7° 00' N 91° 00' W

8° 00' N 91° 00' W

9° 00' N 91° 00' W

10° 00' N 91° 00' W

11° 00' N 91° 00' W

12° 00' N 91° 00' W

13° 00' N 91° 00' W

14° 00' N 91° 00' W

15° 00' N 91° 00' W

16° 00' N 91° 00' W

17° 00' N 91° 00' W

18° 00' N 91° 00' W

19° 00' N 91° 00' W

20° 00' N 91° 00' W

21° 00' N 91° 00' W

22° 00' N 91° 00' W

23° 00' N 91° 00' W

24° 00' N 91° 00' W

25° 00' N 91° 00' W

26° 00' N 91° 00' W

27° 00' N 91° 00' W

28° 00' N 91° 00' W

29° 00' N 91° 00' W

30° 00' N 91° 00' W

31° 00' N 91° 00' W

32° 00' N 91° 00' W

33° 00' N 91° 00' W

34° 00' N 91° 00' W

35° 00' N 91° 00' W

36° 00' N 91° 00' W

37° 00' N 91° 00' W

38° 00' N 91° 00' W

39° 00' N 91° 00' W

40° 00' N 91° 00' W

41° 00' N 91° 00' W

42° 00' N 91° 00' W

43° 00' N 91° 00' W

44° 00' N 91° 00' W

45° 00' N 91° 00' W

46° 00' N 91° 00' W

47° 00' N 91° 00' W

48° 00' N 91° 00' W

49° 00' N 91° 00' W

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 COORDINATES

TC	UC	VC	UB
TA	UA	VA	UB

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 within 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 figure labeling the line within the left or right margin, or on the line itself.
 5. Estimate tenths from grid line to point.

SAMPLE REFERENCE:
 If marked "REF" in any direction, prefix Grid Zone Designation, as:

15TUB7820

BRainerd, MINNESOTA

1953
 REVISED 1975

3700
 \$250
 .056