

V502  
Edition 1-AMS (First Printing: 7-57)  
Prepared by the Army Map Service (AMS), Corps of Engineers, U.S. Army, Washington, D. C. Compiled in 1955 by photogrammetric methods and from United States Coast and Geodetic Survey charts, 1:125,000, 1:62,500, 1:31,250. Planimetric detail revised by photogrammetric methods. Horizontal and vertical control by U.S.C.G.S. U.S.C.G.S. and C.E. Map field check, 1954.

**LEGEND**

**ROAD DATA 1954**  
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	LOCOMO
1,000 to 5,000	Grand Coulee
Less than 1,000	Sun Valley

**ROADS**

- Hard surface, heavy duty
- Two lanes wide; Federal route marker
- Hard surface, medium duty
- More than two lanes wide
- Improved light duty
- Unimproved dirt
- Trail

**RAILROADS**

- Standard gauge
- Narrow gauge
- Single track
- Double or Multiple

**LANDS (ISLANDS)**

- Landmarks: School; Church; Other
- Spot elevation in feet
- Marsh or swamp
- Intermittent or dry stream
- Power line

**BOUNDARIES**

- International
- State
- County
- Park or reservation

**Other Features:** Landplane airport, Landing area, Seaplane airport, Woods/bushwood

Scale 1:250,000

0 5 10 15 20 25 30 Statute Miles

0 5 10 15 20 25 30 Nautical Miles

**CONTOUR INTERVAL 50 FEET**  
**WITH SUPPLEMENTARY CONTOURS AT 25 FOOT INTERVALS**

**TRANSVERSE MERCATOR PROJECTION**

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

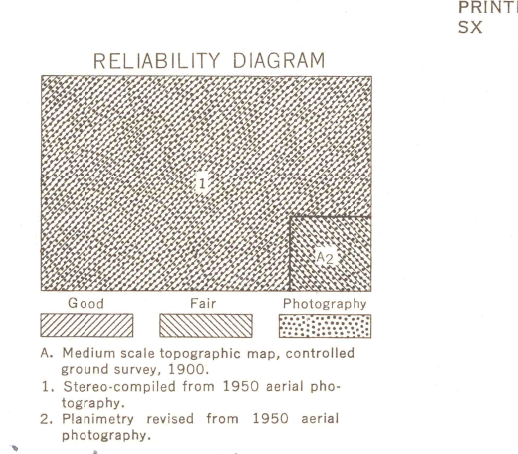
THE LAST FOUR DIGITS OF THE GRID NUMBERS ARE OMITTED

1950 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 7°46' EASTERLY FOR THE CENTER OF THE WEST EDGE TO 7°10' WESTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS 0.01" WESTERLY.

USGS NOTES: ENDS ON DIVISIONS OF THE MAP AND SHOULD TO MARK NORTH AND FORWARD DIRECTLY TO CORRESPONDING OFFICER, ARMY MAP SERVICE, WASHINGTON, D. C. MAPS GO FORWARDED WILL BE RETURNED OR REPLACED IF SOBBED.

**LOCATION DIAGRAM FOR NK 15-11**

MISSOURI	ILLINOIS
IA 14-10	IA 15-10
IA 14-11	IA 15-11
IA 14-12	IA 15-12
IA 14-13	IA 15-13
IA 14-14	IA 15-14
IA 14-15	IA 15-15
IA 14-16	IA 15-16
IA 14-17	IA 15-17
IA 14-18	IA 15-18
IA 14-19	IA 15-19
IA 14-20	IA 15-20
IA 14-21	IA 15-21
IA 14-22	IA 15-22
IA 14-23	IA 15-23
IA 14-24	IA 15-24
IA 14-25	IA 15-25
IA 14-26	IA 15-26
IA 14-27	IA 15-27
IA 14-28	IA 15-28
IA 14-29	IA 15-29
IA 14-30	IA 15-30



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**GRID ZONE DESIGNATION:** 15T

**TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NUMBER 300 METERS**

**GRID ZONE IDENTIFICATION:** VR WR 40

**EXAMPLE POINT: HARTFORD**

**TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NUMBER 300 METERS**

1. Read letters identifying 300,000 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 in the top or bottom margin, or on the line itself.

3. Estimate meters from grid line to point.

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

5. Estimate meters from grid line to point.

**SAMPLE REFERENCE:** 4130000

If reporting bearing 3P in any direction, prefix Grid Zone Designation, etc.

1. Horizontal scale topographic map, contour interval 100 feet, 1950 aerial photography.

2. Planimetry revised from 1950 aerial photography.