WESTERN UNITED STATES 1:250,000

TWO HARBORS

EDITION 1-AMS

REFER TO THIS MAP AS:
NL 15-3
SERIES V502

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SHEET NL 15-3
EDITION 1-AMS

V502
Edition 1-AMS (First Printing, 10-57)

Prepared by the Army Map Service (ASCGE), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1955 by photogrammetric methods and from: Minnesota Quadrangles, 1:24,000, USGS, 1951–1953; U. S. Lake Survey Charts 95, 96, 97, 1955. Planimetric detail revised by photoplanimetric methods. Horizontal and vertical control by USGS, USFS, and USC&GS. Photography field annotated 1954.

LEGEND
ROAD DATA 1954
Figures in red denote approximate distances in miles between stars

POPULATED PLACES
LOS ANGELES
OMAHA
GALVESTON
Laramie
Grand Coulee
Sun Valley

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
Standard gauge
Narrow gauge

BOUNDARIES
International
State
County
Park or reservation

Horizontal control point
Spot elevation in feet .221

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

3 LANES / 1 LANES
2 LANES / 2 LANES

Landmarks: School; Church; Other
Depth curve in feet
Limit of danger; Reef
Rocks: Awash; Sunken
Foreshore flat
Intermittent or dry stream
Marsh or swamp

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

Scale 1:250,000

5 0 5 10 15 20 Statute Miles
5 0 5 10 15 20 25 30 Kilometers
5 0 5 10 15 Nautical Miles

CONTOUR INTERVAL 50 FEET

TRANSVERSE MERCATOR PROJECTION

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

THE LAST FOUR DIGITS OF THE GRID NUMBERS ARE OMITTED

1955 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 3°45' EASTERLY FOR THE CENTER OF THE WEST EDGE TO 1°45' EASTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS 0°03' WESTERLY.

USERS NOTING ERRORS OR OMISSIONS ON THIS MAP ARE URGED TO MARK HEREON AND FORWARD DIRECTLY TO COMMANDING OFFICER, ARMY MAP SERVICE, WASHINGTON, D.C. MAPS SO FORWARDED WILL BE RETURNED OR REPLACED IF DESIRED.

LOCATION DIAGRAM FOR NL 15-3

RELIABILITY DIAGRAM

A. Large scale topographic maps, photogrammetric, 1951–53.
B. Large scale topographic map, controlled ground survey, 1933.
C. Medium scale hydrographic charts, 1955.
1. Stereo-compiled from 1953 aerial photography.
2. Compiled from 1951 aerial photography

GRID ZONE DESIGNATION: 15T
100,000 M. SQUARE IDENTIFICATION: WD XD YD / WC XC YC / 60 70 / 530

IGNORE the SMALLER figures of any grid number; these are for finding the full coordinates, like ONLY the LARGER figure of the grid number; example: 521 0000

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

SAMPLE POINT: LUTSEN

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 in the top or bottom margin, or on the line itself: Estimate tenths from grid line to point:
3. 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: Estimate tenths from grid line to point:

SAMPLE REFERENCE: XC7278
If reporting beyond 18° in any direction, prefix Grid Zone Designation, as: 15TXC7278

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WASHINGTON
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