SERIES V502
SHEET NI 12-8
EDITION 1-AMS

WESTERN UNITED STATES 1:250,000

MESA

EDITION 1-AMS

REFER TO THIS MAP AS:
NI 12-8
SERIES V502

V502
Edition 1-AMS (First Printing, 5-57)

Prepared by the Army Map Service (BEEE), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1954 by photogrammetric methods and from: Arizona, 1:24,000, USGS, 1947-50; Arizona, 1:62,500, USGS, 1950-51. Planimetric detail revised by photo-planimetric methods. Horizontal and vertical control by USC&GS and USGS. Photography field annotated 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 — Laramie
1,000 to 5,000 — Grand Coulee
Less than 1,000 — Sun Valley

RAILROADS (Single track, Double or Multiple)
Standard gauge
Narrow gauge

BOUNDARIES
International
State
County
Park or reservation

ROADS
Hard surface, heavy duty — 2 LANES | 4 LANES
More than two lanes wide
Two lanes wide; Federal route marker
Hard surface, medium duty — 2 LANES | 4 LANES
More than two lanes wide
Two lanes wide; State route marker
Improved light duty
Unimproved dirt
Trail

Landplane airport
Landing area
Seaplane airport
Orchard
Woods-brushwood

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

Scale 1:250,000

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

CONTOUR INTERVAL 200 FEET
WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS

TRANSVERSE MERCATOR PROJECTION

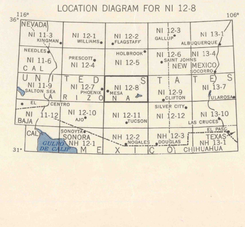
BLACK NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 12

THE LAST FOUR DIGITS OF THE GRID NUMBERS ARE OMITTED

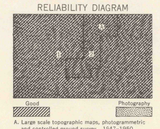
1955 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 14°00' EASTERLY FOR THE CENTER OF THE WEST EDGE TO 13°30' EASTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS 0°05' WESTERLY.

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 NI 12-8



RELIABILITY DIAGRAM



A. Large scale topographic maps, photogrammetric and controlled ground survey, 1947-1950.
B. Photo-compiled from 1953 aerial photography.
C. Planimetry revised from 1953 aerial photography.

PRINTED BY ARMY MAP SERVICE, CORPS OF ENGINEERS, 5-57 , 778028

GRID ZONE DESIGNATION: 12S
100,000 M. SQUARE IDENTIFICATION

VN	WN
VM	*WM

IGNORE the SMALLER figures of any grid number; these are for finding the full coordinates. Use ONLY the LARGER figures of the grid number, example: 360000

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

SAMPLE POINT: APACHE JUNCTION

1. Read letters identifying 100,000 meter square in which the point lies: VM
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: 4
   Estimate tenths from grid line to point: 9
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: 7
   Estimate tenths from grid line to point: 7

SAMPLE REFERENCE: VM4897

If reporting beyond 10° in any direction, prefix Grid Zone Designation, ex: 12SVM4897

U.S. GEOLOGICAL SURVEY
WASHINGTON
JUN 10 1957
LIBRARY

United States. Topo. 1:250,000.
Sheet Mesa,
cop. 1.

MESA, ARIZONA

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