



Prepared by the Army Map Service (BEE), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1954 by photogrammetric methods and from Arizona, 1:250,000, USGS, 1947-50; Arizona, 1:50,000, USGS, 1950-51. Planimetric detail revised by photogrammetric methods. Horizontal and vertical control by USCGS and USGS. Photography field annotated 1954. 100,000 foot grid based on Arizona coordinate system. east and central zones 10,000 meter Universal Transverse Mercator grid ticks zone 12, shown in blue

**LEGEND**

**ROAD DATA 1954**

Figures in red denote approximate distances in miles between stars

**POPULED 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

**RAILROADS**

Standard gauge  
Narrow gauge  
Landplane airport  
Horizontal control point  
Spot elevation in feet  
Marsh or swamp  
Intermittent or dry stream  
Power line

**BOUNDARIES**

International  
State  
County  
Park or reservation

**LOS ANGELES**  
**OMAHA**  
**GALVESTON**  
**Laramie**  
**Grand Coulee**  
**Sun Valley**

**RAILROADS**

Single track Double or Multiple  
Landplane airport  
Horizontal control point  
Spot elevation in feet  
Marsh or swamp  
Intermittent or dry stream  
Power line

**RAILROADS**

Standard gauge  
Narrow gauge  
Landplane airport  
Horizontal control point  
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 Nautical Miles

CONTOUR INTERVAL 200 FEET  
WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS

TRANSVERSE MERCATOR PROJECTION

1955 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 14°W EASTERN FOR THE CENTER OF THE WEST EDGE TO 13°W EASTERN FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS 0°02' WESTERLY.

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D. C.

LOCATION DIAGRAM FOR NI 12-8

RELIABILITY DIAGRAM

USGS  
Historical File  
Topographic Division

TOWNSHIP OR RANGE LINE  
LAND GRANT BOUNDARY

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

15,420

U.S.G.S.  
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MESA, ARIZONA  
JUN 2 1964