



Prepared by the Army Map Service (CGS) Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1954 by U. S. Coast and Geodetic Survey by photogrammetric methods and from Arizona Quadrangles 1:62,500, USGS 1949-50. Planimetric detail revised by photogrammetric methods. Horizontal and vertical control by USGS, USGAS, and CE. Photography, field annotated 1954.

100,000-foot grid based on Arizona coordinate system, central and west zones.

100,000-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

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	Quint Valley

ROADS

Hard surface, heavy duty	3 LANES + LANES
More than two lanes wide	2 LANES
Hard surface, medium duty	1 LANE
More than two lanes wide	2 LANES
Two lanes wide, State route marker	1 LANE
Improved light duty	1 LANE
Unimproved dirt	1 LANE
Trail	1 LANE

RAILROADS

Standard gauge	Single track
Narrow gauge	Double or Multiple track

BOUNDARIES

International	State	County	Plain or reservation
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Landmarks: School, Church, Other

Horizontal control point	Windmill
Spot elevation in feet	227
Marsh or swamp	
Intermittent or dry stream	
Power line	

Landplane airport

Landing area

Seaplane airport

Outland

Woods/bushwood

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 200 FEET
WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS

TRANSVERSE MERCATOR PROJECTION

1955 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 10°00' EASTERLY FOR THE CENTER OF THE WEST EDGE TO 14°30' EASTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS 6'03" WESTERLY.

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

LOCATION DIAGRAM FOR NI 12-1

NEVADA	UTAH	COLORADO
NI 11-1	NI 11-2	NI 11-3
NI 11-4	NI 11-5	NI 11-6
NI 11-7	NI 11-8	NI 11-9
NI 11-10	NI 11-11	NI 11-12
NI 11-13	NI 11-14	NI 11-15
NI 11-16	NI 11-17	NI 11-18
NI 11-19	NI 11-20	NI 11-21
NI 11-22	NI 11-23	NI 11-24
NI 11-25	NI 11-26	NI 11-27
NI 11-28	NI 11-29	NI 11-30
NI 11-31	NI 11-32	NI 11-33
NI 11-34	NI 11-35	NI 11-36

RELIABILITY DIAGRAM

TOWNSHIP OR RANGE LINE

LAND GRANT BOUNDARY

Photography

A Large scale topographic map photogrammetric survey 1947

1 Stereocompiled from 1954 aerial photography

2 Planimetry revised from 1954 aerial photography

SECTIONIZED TOWNSHIP

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

WILLIAMS, ARIZONA

2975

USGS Historical File Topographic Division

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