



Prepared by the Army Map Service (CGS), Corps of Engineers, U.S. Army, Washington, D.C. Compiled in 1954 by U.S. Coast & Geodetic Survey by photogrammetric methods and from USGS quadrangles, 1:62,500, 1947-1950. Planimetric detail revised by photogrammetric methods. Horizontal and vertical control by USGS, USCGS and USCE. Photography field annotated 1954. Limited revision by U.S. Geological Survey 1962.

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

10,000-meter Universal Transverse Mercator grid ticks, zone 12, shown in blue

LEGEND

ROAD DATA 1954 PARTIALLY REVISED 1962
 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	
Less than 1,000	

ROADS

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

RAILROADS

Standard gauge	Single track Double or Multiple
Narrow gauge	Single track Double or Multiple
Landplane airport	Landmarks: School; Church; Other
Landing area	Horizontal control point; Windmill
Seaplane airport	Spot elevation in feet
Seaplane anchorage	Marsh or swamp
Woods/brushwood	Intermittent or dry stream
Power line	Approximate road alignment

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

1960 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 14°47' EASTERLY FOR THE CENTER OF THE WEST EDGE TO 14°15' EASTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS 0°01' WESTERLY.

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR WASHINGTON, D.C. 20242

LOCATION DIAGRAM FOR NI 12-4

NEVADA	UTAH	ARIZONA	NEW MEXICO
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

RELIABILITY DIAGRAM

USGS
 Historical File
 Topographic Division

6	6	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

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 FEB 10 1966

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 TOPOGRAPHIC DIVISION

PRESCOTT, ARIZONA
 1954
 LIMITED REVISION 1962