



Prepared by the Army Map Service (CGS), Corps of Engineers, U.S. Army, Washington, D.C. Compiled in 1956 by U.S. Coast and Geodetic Survey by photogrammetric methods and from USGS quadrangles, 1:50,000, 1949-50. Planimetric detail revised by photogrammetric methods. Horizontal and vertical control by USGS, USCGS and USCE. Photographic field annotated 1954. Limited revision by U.S. Geological Survey 1963.

100,000-foot grids 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	<b>LOS ANGELES</b>
100,000 to 500,000	<b>OMAHA</b>
25,000 to 100,000	<b>GALVESTON</b>
5,000 to 25,000	Laramie
1,000 to 5,000	Grand Coulee
Less than 1,000	Sub Valley

**RAILROADS**

Standard gauge	Single track
Narrow gauge	Double or Multiple
Landplane airport	Spot elevation in feet
Landing area	Marsh or swamp
Seaplane airport	Orchard
State	Woods/bushwood
County	
Park or reservation	

**ROADS**

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

**LANDMARKS** School, Church, Other

**BOUNDARIES** Horizontal control point, windmill

**Other symbols:** Spot elevation in feet, Marsh or swamp, Orchard, 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 Kilometers

CONTOUR INTERVAL 200 FEET  
WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS  
TRANSVERSE MERCATOR PROJECTION

1960 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 15°00' EASTERLY FOR THE CENTER OF THE WEST EDGE TO 14°30' 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 12-1

UTAH	UTAH	UTAH	UTAH	UTAH	UTAH
UTAH	UTAH	UTAH	UTAH	UTAH	UTAH
UTAH	UTAH	UTAH	UTAH	UTAH	UTAH
UTAH	UTAH	UTAH	UTAH	UTAH	UTAH
UTAH	UTAH	UTAH	UTAH	UTAH	UTAH
UTAH	UTAH	UTAH	UTAH	UTAH	UTAH
UTAH	UTAH	UTAH	UTAH	UTAH	UTAH
UTAH	UTAH	UTAH	UTAH	UTAH	UTAH
UTAH	UTAH	UTAH	UTAH	UTAH	UTAH
UTAH	UTAH	UTAH	UTAH	UTAH	UTAH

RELIABILITY DIAGRAM

Photography

1. Large scale topographic map, photogrammetric (Scale 1:50,000)

2. Stereoscopic pair from 1948 aerial photography

3. Planimetry based on 1954 aerial photography

USGS Historical File Topographic Division

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

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