



Prepared by the Army Map Service (KCBM), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1957 by U. S. Coast & Geodetic Survey by photogrammetric methods and from United States Quadrangle files, 1:24,000, 1:50,000, 1:62,000, USGS, and AMS, 1947-1954; Metropolitan Water District, 1:120,000, California, Sheet 69, 1929; Planimetric detail revised by photogrammetric methods. Horizontal and vertical control by USC&GS, USGS, and CE. Photography field annotated 1956. Limited revision by U. S. Geological Survey 1963. 100,000-foot grids based on California coordinate system, zones 5 and 6 and Arizona coordinate system, west zone. 10,000-meter Universal Transverse Mercator grid ticks, zone 11, shown in blue.

**LEGEND**

**ROAD DATA 1956**  
 Figures in red denote approximate distances in miles between stars.  
 ——— Hard surface, heavy duty road  
 ——— Hard surface, medium duty road  
 ——— Two lanes wide  
 ——— Improved light duty road  
 ——— Unimproved dirt road, Trail

**POPULATED 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**  
 Single track double or multiple  
 Normal gauge  
 Narrow gauge

**BOUNDARIES**  
 International  
 State  
 County  
 Park or reservation

**Other Symbols**  
 Landplane airport  
 Landing area  
 Seaplane airport  
 Seaplane anchorage  
 Woods-brushwood  
 Landmark: School, Church, Other  
 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 Kilometers  
 0 5 10 15 Nautical Miles

**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°49' EASTERLY FOR THE CENTER OF THE EAST EDGE. NEAR ANNUAL CHANGE IS 0°01' WESTERLY.

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

**LOCATION DIAGRAM FOR NI 11-6**

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

**RELIABILITY DIAGRAM**

**SECTIONED 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

**USGS Historical File Topographic Division**

**NEEDLES, CALIFORNIA; ARIZONA**

1956  
 LIMITED REVISION 1963