



U.S.G.S. FILE COPY TOPOGRAPHIC DIVISION

Prepared by the Army Map Service (AM), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1951 from United States Quorangles, 1:400,000, 1:480,000, 1:625,000, 1:125,000, 1:250,000, U. S. Geological Survey, Corps of Engineers and Automobile Club of Southern California, 1904-49; Metropolitan Water District Maps of Southern California, 1930; County Highway Maps, 1937-1948. Control by USGS and USGS. Planimetric detail partially revised by photogrammetric methods.

LEGEND

ROAD DATA 1953

- Hard surface, heavy duty road, more than two lanes wide
- Hard surface, heavy duty road, two lanes wide
- Hard surface, medium duty road, more than two lanes wide
- Hard surface, medium duty road, two lanes wide
- Improved light duty road
- Unimproved dirt road; Trail
- Route markers: Federal; State

RAILROADS

- Normal gauge
- Single track
- Multiple track
- Narrow gauge
- International boundary
- State boundary
- County boundary
- Park and reservation

LANDS & LANDS

- Spot elevation in feet
- Depth curves in fathoms
- Swamp, marsh
- Reef; Limit of danger line
- Intermittent stream
- Rocks: Awash; Sunken
- Foreshore flats

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

Other Symbols: Landplane airport, Landing area, Seaplane airport, Woodland

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

TRANSVERSE MERCATOR PROJECTION

100,000-FOOT GRIDS BASED ON ARIZONA COORDINATE SYSTEM, WEST ZONE, AND CALIFORNIA COORDINATE SYSTEM, ZONES 9 AND 8

1962 MAGNETIC DECLINATION IS 17°00' EASTERLY FOR THIS SHEET.

MEAN ANNUAL CHANGE (1950) WESTERLY

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 2, COLORADO OR WASHINGTON 25, D. C.

LOCATION DIAGRAM FOR NI 11-6

NI 11-10	NI 11-11	NI 11-12	NI 12-10	NI 12-11
NI 11-11	NI 11-12	NI 11-13	NI 12-11	NI 12-12
NI 11-12	NI 11-13	NI 11-14	NI 12-12	NI 12-13
NI 11-13	NI 11-14	NI 11-15	NI 12-13	NI 12-14
NI 11-14	NI 11-15	NI 11-16	NI 12-14	NI 12-15
NI 11-15	NI 11-16	NI 11-17	NI 12-15	NI 12-16
NI 11-16	NI 11-17	NI 11-18	NI 12-16	NI 12-17
NI 11-17	NI 11-18	NI 11-19	NI 12-17	NI 12-18
NI 11-18	NI 11-19	NI 11-20	NI 12-18	NI 12-19
NI 11-19	NI 11-20	NI 11-21	NI 12-19	NI 12-20

RELIABILITY DIAGRAM

PRINTED BY ARMY MAP SERVICE, CORPS OF ENGINEERS, 9-56, 91261

USGS Historical File Topographic Division

NEEDLES, CALIFORNIA; ARIZONA

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

U.S.G.S. FILE COPY TOPOGRAPHIC DIVISION

USGS HISTORICAL FILE TOPOGRAPHIC DIVISION

Reprinted by G. M.S. for G.S. (500)