

Prepared under the direction of the Chief of Engineers by the Army Map Service (AM), Corps of Engineers, Department of the Army, Washington, D. C. Compiled in 1947 from United States Quadrangles, 1:250,000, 1:62,500, and 1:125,000, Corps of Engineers, 1923-1944; USGS Coast Charts, 1935-1946. Photometric detail primarily revised from aerial photography by photogrammetric methods. Aerial photography by U. S. Department of Agriculture, 1944-45. Road and railroad data verified by state authorities. Control by U. S. Coast and Geodetic Survey.

**LEGEND**  
ROAD DATA 1947

**POPULATED PLACES**

- Small: Large built-up area
- 500,000 or over
- 100,000 to 500,000
- 25,000 to 100,000
- 5,000 to 25,000
- 1,000 to 5,000
- 1,000 or less

**ROAD DATA 1947**

- 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
- Loose surface, graded and drained road
- two lanes wide
- Old Dominion
- Dirt road; Trail
- Stowell
- Route markers: Federal; State

**RAILROADS**

- Standard gauge
- Multiple track
- Woods-brushwood
- Narrow gauge
- Mine

**BOUNDARIES**

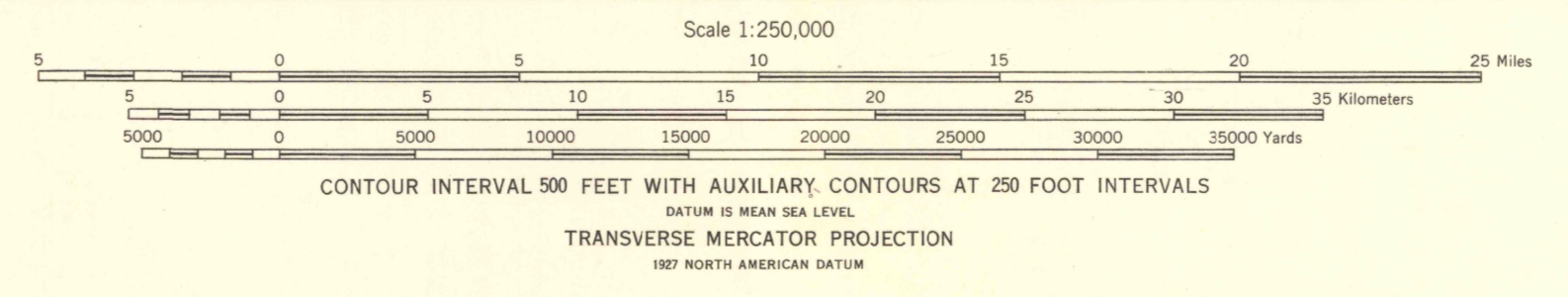
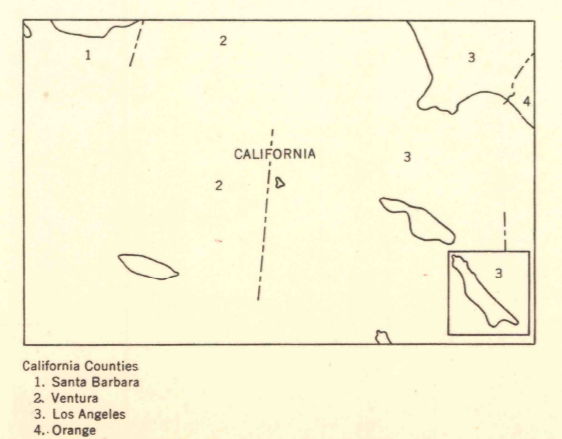
- International
- State
- County
- Park and reservation
- Horizontal control point
- Spot elevation in feet

**Other symbols:**

- Principal navigation light
- Military airfield
- Municipal or commercial airfield
- Auxiliary airfield
- Seaplane base
- Seaplane anchorage
- Falls; Rapids
- Intermittent stream
- Swamp, marsh
- Reef; Limit of danger line
- Rocks; awash; Wharf, pier
- Foreshore flats

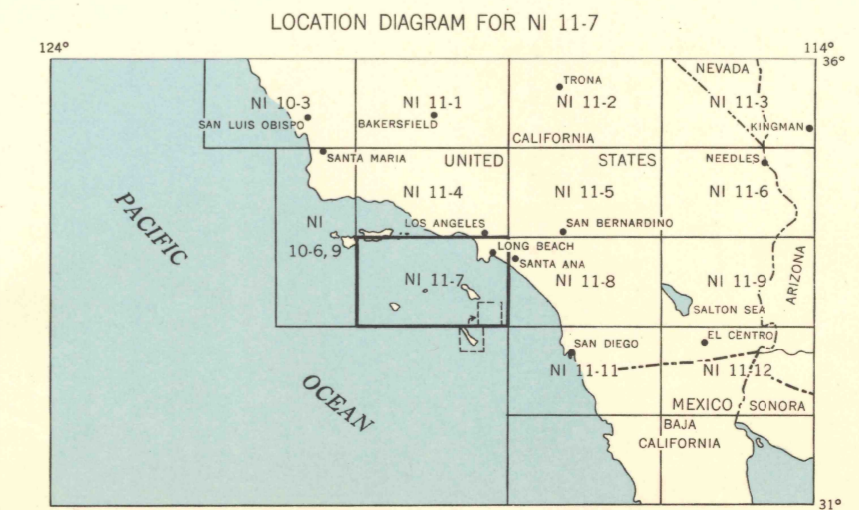
**SECTIONIZED TOWNSHIP**

|    |    |    |    |    |    |
|----|----|----|----|----|----|
| 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 |



1947 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 15°W EASTERLY FOR THE CENTER OF THE WEST EDGE TO 10°W WESTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS 0°20' WESTERLY.

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



100,000-foot grids based on California coordinate system, zones 5 and 7  
10,000-meter Universal Transverse Mercator grid ticks, zone 11, shown in blue

**COVERAGE DIAGRAM**

**COMPILED METHODS**

- Photo-grammetric
- Map

Areas for which woodblock information is available:

- A. Large scale topographic maps, 1944, reliability good.
- B. Medium scale topographic maps, 1944, reliability good.
- C. Large scale topographic maps, 1935-46, reliability good.
- Other: aerial photography, 1944-45.

**LONG BEACH, UNITED STATES CALIFORNIA**