



MAPPED, EDITED, AND PUBLISHED BY THE U.S. GEOLOGICAL SURVEY AND THE NATIONAL OCEAN SURVEY.

Original topographic map prepared by the Defense Mapping Agency Topographic Center from 1:24,000, 1:25,000, and 1:50,000 scale maps dated 1932-1956, and from aerial photographs taken 1952-1955. Field checked 1959. Planimetry revised by USGS in 1975 from aerial photographs taken 1972.

Bathymetry and shoreline compiled by the National Ocean Survey. Bathymetry from hydrographic surveys (see index on this map), supplemented by other hydrographic sources. Shoreline (mean high water line) from National Ocean Survey nautical charts, which are compiled from tide-coordinated aerial photographs. This information is not intended for navigational purposes.

Area covered by dashed light-blue pattern is subject to controlled inundation.

100,000-foot grids based on California coordinate system, zones 5 and 7. Certain land grant names and boundaries are omitted to avoid confusion. Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geodetic Control Diagram.

**LEGEND**

Figures in red denote approximate distances in miles between stars.

**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**

Normal gauge  
Narrow gauge  
Interchange

**BOUNDARIES**

International  
State  
County  
Park or reservation

**ROADS**

Primary, all-weather, hard surface  
Secondary, all-weather, hard surface  
Light-duty, all-weather, hard or improved surface  
Fair or dry weather, unimproved surface  
Trail

**Grand Coulee**

Route markers: Interstate, U.S., State

**Landplane airport**

**Power line**

**Landmark: School; Church; Other**

**Spot elevation in feet**

**Dry lake**

**Marsh or swamp**

**Approximate shoreline**

**Sounding datum line**

**SECTIONIZED TOWNSHIP**

**TOWNSHIP OR RANGE LINE**

**LAND GRANT BOUNDARY**

**Scale 1:250,000**

5 0 5 10 15 20 25 30  
Kilometers

5 0 5 10 15 20 25 30  
Nautical Miles

**CONTOUR INTERVAL 200 FEET**

**WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS**

**NATIONAL GEODETIC VERTICAL DATUM OF 1929**

**BATHYMETRIC CONTOUR INTERVALS: 10 METERS TO THE 200 METER DEPTH. 50 METERS TO THE MAXIMUM DEPTH**

**DATUM: MEAN LOWER LOW WATER**

**SHORELINE SHOWN REPRESENTS MEAN HIGH WATER**

**TRANSVERSE MERCATOR PROJECTION**

BLACK NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 11

MAGNETIC DECLINATION FOR 1975 IS 1° 12' 00" WEST OF THE ENTIRE AREA

**FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092**

**OR NATIONAL OCEAN SURVEY, ROCKVILLE, MARYLAND 20852**

**HYDROGRAPHIC SURVEY INFORMATION**

Survey Number	Survey Date	Scale	Survey Unpublished (Pilot Miles)	Survey Number	Survey Date	Scale	Survey Unpublished (Pilot Miles)
H-5000	1930	1:80,000	11-43	H-5499	1933	1:10,000	03-11
H-5363	1933	1:10,000	03-11	H-5502	1933	1:10,000	05-11
H-5364	1933	1:10,000	05-11	H-5503	1933	1:10,000	05-16
H-5390	1933	1:10,000	05-11	H-5507	1934	1:40,000	16-43
H-5391	1933	1:10,000	05-11	H-5524	1934	1:10,000	05-21
H-5392	1933	1:10,000	03-11	H-5553	1934	1:40,000	11-43
H-5418	1933	1:5,000	05-21	H-5554	1934	1:10,000	05-21
H-5420	1933	1:10,000	05-11	H-5561	1934	1:5,000	05-21
H-5421	1933	1:10,000	05-11	H-5569	1934	1:20,000	03-14
H-5426	1933	1:10,000	05-16	H-5580	1934	1:40,000	21-54
H-5427	1933	1:20,000	03-24	H-5581	1934	1:40,000	11-20
H-5446	1933	1:40,000	11-43	H-5582	1934-35	1:40,000	11-43
H-5447	1933	1:40,000	05-11	H-5583	1934-35	1:40,000	23-24
H-5448	1933	1:5,000	03-05	H-5586	1935	1:40,000	11-43
H-5449	1933	1:10,000	03-11	H-5581	1935	1:80,000	43-86

**INDEX TO ADJOINING SHEETS**

**LOS ANGELES, CALIFORNIA**

**1975**

**TOPOGRAPHIC-BATHYMETRIC**