




1:100 000-scale metric  
topographic map of


Long Beach

CALIFORNIA



30 X 60 MINUTE QUADRANGLE  
SHOWING

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



GEOLOGICAL SURVEY

1981

Produced by the United States Geological Survey in cooperation with the U.S. Forest Service

Compiled from USGS 1:24 000-scale topographic map dated 1972 and maps in progress. Planimetry revised from aerial photographs taken 1979 and other source data. Revised information not field checked. Map edited 1981

Projection and 10 000-meter grid, zone 11, Universal Transverse Mercator

25 000-foot grid ticks based on California coordinate system, zone 7 and 6, 1927 North American Datum

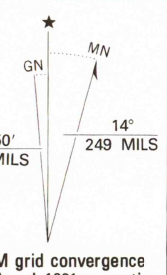
To place on the predicted North American Datum 1983 move the projection lines 1 meter north and 85 meters east

Offshore protection survey data, printed in red, compiled by the Bureau of Land Management. Heavy lines indicate limits of BLM Outer Continental Shelf Official Protection Diagrams dated 1967 and 1977. The protections on this map are not for Federal leasing purposes; for such purposes, refer to the 1:250 000-scale OCS Official Protection Diagrams available from the Bureau of Land Management

There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 40 METERS  
SUPPLEMENTARY CONTOUR INTERVAL 10 METERS  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet			1	2	3
1	3.2808			1	2	3
2	6.5617			4	5	
3	9.8425			6	7	
4	13.1234			8		
5	16.4042			1	2	3
6	19.6850			4	5	6
7	22.9658			7	8	
8	26.2467			1	2	3
9	29.5275			4	5	6
10	32.8084			7	8	
To convert meters to feet multiply by 3.2808		UTM grid convergence (GN) and 183 magnetic declination (MN) at center of map. Diagram is approximate		1 Santa Barbara 2 Los Angeles 3 San Bernardino 4 Laguna Harbor 5 Santa Ana 6 San Nicolas Island 7 Santa Catalina Island 8 Oceanside		
To convert feet to meters multiply by 0.3048						

USGS AND HISTORICAL  
MAP ARCHIVES

NOV 0 2 1995

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Topographic Map Symbols

Primary highway, hard surface

Secondary highway, hard surface

Light duty road, principal street, hard or improved surface

Other road or street, trail

Route marker: interstate, U. S. State

Railroad: standard gauge, narrow gauge

Bridge, overpass, underpass

Tunnel: road, railroad

Built up area, locality, elevation

Airport, landing field, landing strip

National boundary

State boundary

County boundary

National or State reservation boundary

Land grant boundary

U. S. public lands survey: range, township, section

Range, township, section line: protected

Power transmission line, pipeline

Dam, dam with lock

Cemetery, building

Wells: water, oil, gas, spring

Mine shaft, adit or cave, mine, quarry, gravel pit

Campground, picnic area, U. S. location monument

Ruin, cliff dwelling

Distorted surface: strip mine, lava, sand

Contours: index, intermediate, supplementary

Bathymetric contours, index, intermediate

Stream, lake: perennial, intermittent

Rapids, large and small; falls, large and small

Area to be submerged; marsh, swamp

Land subject to controlled inundation, woodland

Sand, mangrove

Orchard, vineyard

A pamphlet describing topographic maps is available on request

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