

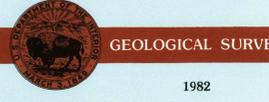


1:100 000-scale metric topographic map of Oceanside CALIFORNIA



30 X 60 MINUTE QUADRANGLE SHOWING

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



Produced by the United States Geological Survey
 Compiled from USGS 1:24 000-scale topographic maps dated 1968-1975. Planimetry revised from aerial photographs taken 1972-74, 1979 and other source data. Revised information not field checked. Map edited 1982
 Projection and 10 000-meter grid, zone 11, Universal Transverse Mercator
 25 000-foot grid ticks based on California coordinate system, zone 6, 1927 North American Datum
 To place on the predicted North American Datum 1983 move the projection lines 1 meter south and 82 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 (OCSD) dated 1977. The protections on this map are not for Federal leasing purposes; for such purposes, refer to the 1:250 000-scale OCSD 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: 50 METERS
 NATIONAL GEODETIC VERTICAL DATUM OF 1929
 THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	GN	MN	1	2	3
1	3.2808		240'	4	4	5
2	6.5617			6	7	8
3	9.8425			1	2	3
4	13.1234			4	5	6
5	16.4042			7	8	1
6	19.6851			2	3	4
7	22.9659			5	6	7
8	26.2467			8	9	2
9	29.5276			1	2	3
10	32.8084			4	5	6

To convert meters to feet multiply by 3.2808
 To convert feet to meters multiply by 0.3048

UTM grid convergence (GN) and true magnetic declination (MN) at center of map. Diagram is approximate.

1 Long Beach
 2 Santa Ana
 3 Palm Springs
 4 Santa Catalina Island
 5 Storage Valley
 6 San Clemente Island
 7 San Diego
 8 El Cajon

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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
- Road marker: Interstate, U. S., State
- Railroad: standard gauge, narrow gauge
- Bridge, overpass, underpass
- Tunnel: road, railroad
- Both up areas, locality, elevation
- Alps: 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: protruded
- Power transmission line; pipeline
- Dam; dam with lock
- Cemetery, building
- Windmill; water well; spring
- Mine shaft; adit or cave; mine, quarry, gravel pit
- Campground; picnic area; U. S. location monument
- Ruin; cliff dwelling
- Disturbed 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
- Shrub; mangrove
- Orchard; vineyard