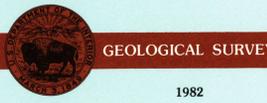




1:100 000-scale metric topographic map of Oceanside CALIFORNIA



- 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 projection survey data, printed in red, compiled by the Bureau of Land Management. Heavy lines indicate limits of R.M. Outer Continental Shelf Official Projection Diagram 6C, dated 1977. The projections on this map are not for Federal leasing purposes; for such purposes, refer to the 1:250 000-scale OCS Official Projection 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 COMPLES WITH NATIONAL MAP ACCURACY STANDARDS
 FOR SALE BY U.S. GEOLOGICAL SURVEY,
 P.O. BOX 25286, DENVER, COLORADO, 80225

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	GA	MA	1	2	3
1	3.2808			1	2	3
2	6.5617			4	5	
3	9.8425			6	7	
4	13.1234			8	9	
5	16.4042			10	11	
6	19.6850			12	13	
7	22.9659			14	15	
8	26.2467			16	17	
9	29.5275			18	19	
10	32.8084	20	21			

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

UTM grid convergence (GM) and 1983 magnetic declination (M) at center of map. Diagram is approximate.

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

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 USGS/NMID
 HISTORICAL MAP ARCHIVES

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 gage; narrow gage	
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: protracted	
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	
Ruins; diff. dwelling	
Distorted surface: strip mine, lava, sand	
Contours: index; intermediate; supplementary	
Bathymetric contours: index; intermediate	
Stream, lake, perennial; intermittent	
Swamp, large and small; bog, large and small	
Area to be submerged; marsh, swamp	
Land subject to controlled inundation; woodland	
Scrub; mangrove	
Orchard; vineyard	

SCALE 1:100 000
 1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND
 CONTOUR INTERVAL 50 METERS

OCEANSIDE, CALIFORNIA
 N3300-W11700/30X60
 1982