



1:100 000-scale metric topographic map of
Santa Catalina Island
 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 1980. 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. 1927 North American Datum
 To place on the predicted North American Datum 1983 move the projection line 1 meter south and 56 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 1966-67 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
 NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
 FOR SALE BY U.S. GEOLOGICAL SURVEY,
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CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	GN	MN	1	2	3
1	3.2808		748 MILES	4	5	6
2	6.5617			1	2	3
3	9.8425			4	5	6
4	13.1234			7	8	
5	16.4042					
6	19.6850					
7	22.9659					
8	26.2467					
9	29.5275					
10	32.8084					

1 Laguna Harbor
 2 Long Beach
 3 Santa Ana
 4 San Nicolas Island
 5 Occochee
 6
 7 San Clemente Island
 8 San Diego



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: protected
- 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
- 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
- Scrub; mangrove
- Orchard; vineyard