

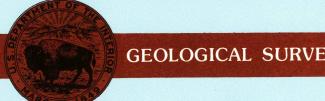
1:100 000-scale metric topographic map of

Santa Catalina Island



30 X 60 MINUTE QUADRANGLE

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



Produced by the United States Geological Survey

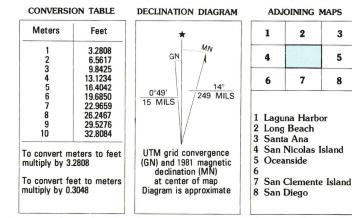
Compiled from USGS 1:24 000-scale topographic maps dated 1980. Map edited 1981 Projection and 10 000-meter grid, zone 11, Universal Transverse Mercator 25 000-foot grid ticks based on California coordinate system, zone 7. 1927 North American Datum To place on the predicted North American Datum 1983 move the projection line 1 meter south and 84 meters east Offshore protraction survey data, printed in red, compiled by the Bureau of Land Management. Heavy lines indicate limits of BLM Outer Continental Shelf Official Protraction Diagrams dated 1966-67 and 1977. The protractions on this map are not for Federal leasing purposes; for such purposes, refer to the 1:250 000-scale OCS Official Protraction Diagrams available

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

from the Bureau of Land Management

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS FOR SALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 25286, DENVER, COLORADO, 80225





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	• 155
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	<u> </u>
Windmill; water well; spring	* • • •
Mine shaft; adit or cave; mine, quarry; gravel pit	v ≻
Campground; picnic area; U. S. location monument	× -
Ruins; cliff dwelling	L
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	wite wite
Land subject to controlled inundation; woodland	in age, now, made and should find the price, does well to the pass made and or start from made and other than the price of the price of the pass of the land made and should the the same
Scrub; mangrove	
Orchard; vineyard	