



1:100 000-scale metric
topographic map of
Santa Ana
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
in cooperation with the U.S. Forest Service

Compiled from USGS 1:24 000-scale topographic maps
dated 1954-1981. Planimetry revised from aerial photographs
taken 1978-79, and other source data. Revised information not
field checked. Map edited 1983

Projection and 10 000-meter grid, zone 11,
Universal Transverse Mercator
25 000-foot grid ticks based on California coordinate system,
zones 6, 5, and 7, 1927 North American Datum
To place on the predicted North American Datum 1983
move the projection lines 83 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 6C
dated 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 50 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS			
Meters	Feet	Magnetic Declination		1	2	3	
1	3.2808	Magnetic Declination		4	5		
2	6.5617	Magnetic Declination		6	7	8	
3	9.8425	Magnetic Declination					
4	13.1234	Magnetic Declination					
5	16.4042	Magnetic Declination					
6	19.6850	Magnetic Declination					
7	22.9658	Magnetic Declination					
8	26.2466	Magnetic Declination					
9	29.5275	Magnetic Declination					
10	32.8083	Magnetic Declination					
To convert meters to feet multiply by 3.2808		UTM grid convergence (GN) and 1983 magnetic declination (MN) at center of map Diagram is approximate					
To convert feet to meters multiply by 0.3048							

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Topographic Map Symbols

Primary highway, hard surface	Secondary highway, hard surface	Light duty road, gravel 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	San 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	Rail: 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
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A pamphlet describing topographic maps is available on request

SANTA ANA, CALIFORNIA

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