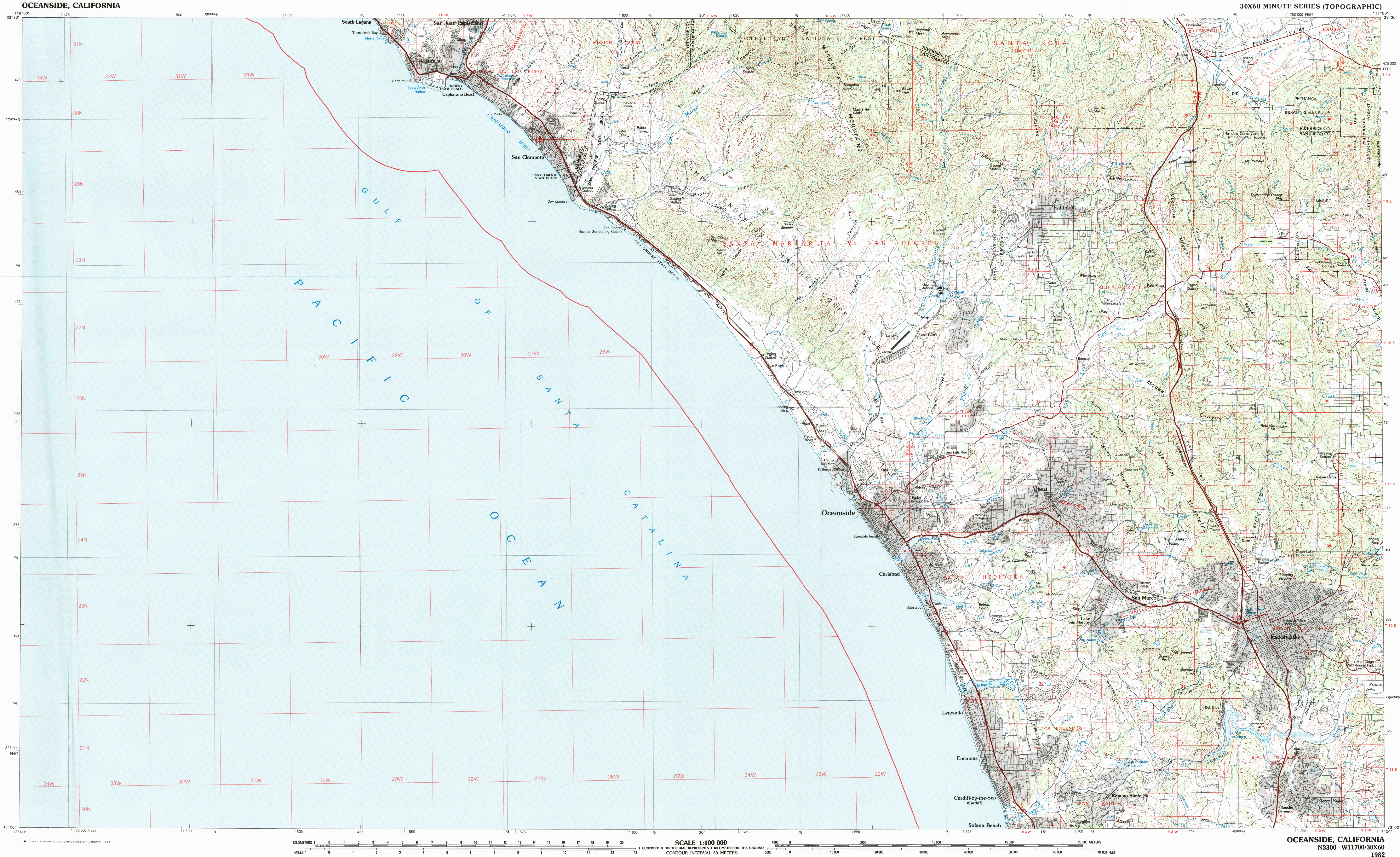




1:100 000-scale metric topographic map of

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

GEOLOGICAL SURVEY

1982

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 Diagram 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

Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6850
7	22.9659
8	26.2467
9	29.5276
10	32.8084

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

DECLINATION DIAGRAM

UTM grid convergence (6W) and 100 magnetic declination (MM) at center of map
Diagram is approximate

ADJOINING MAPS

1	2	3
4	5	
6	7	8

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

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80222
OR RESTON, VIRGINIA 22092

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

Railroad: standard gauge, narrow gauge

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, cliff dwelling

Disrupted surface: strip mine, lava, sand

Contours: index, intermediate, supplementary

Bathymetric contours: index, intermediate

Stream, lake: perennial, intermittent

Rapids, large and small, bays, large and small

Area to be submerged, marsh, swamp

Land subject to controlled inundation, woodland

Scrub, mangrove

Orchard, vineyard

A pamphlet describing topographic maps is available on request