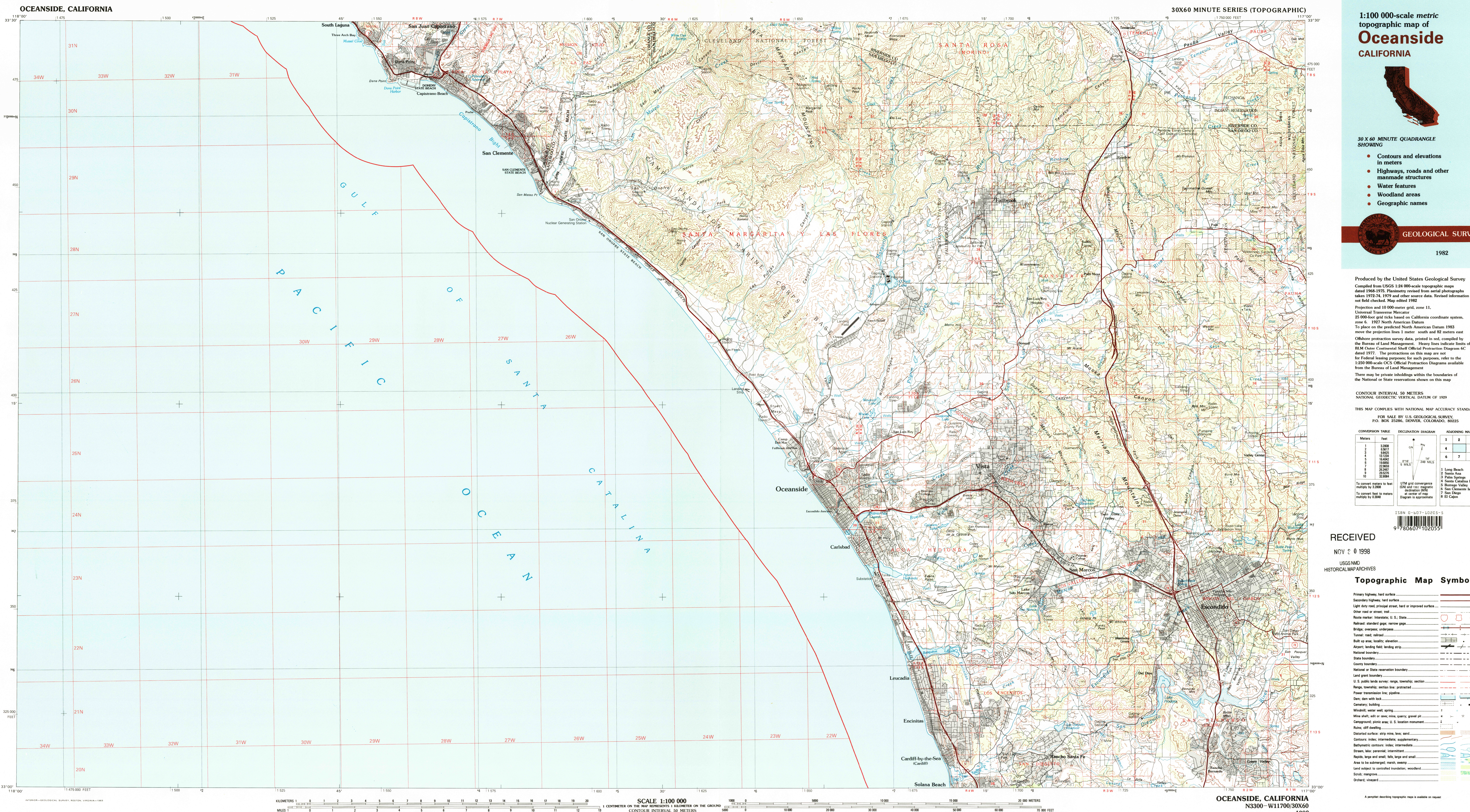
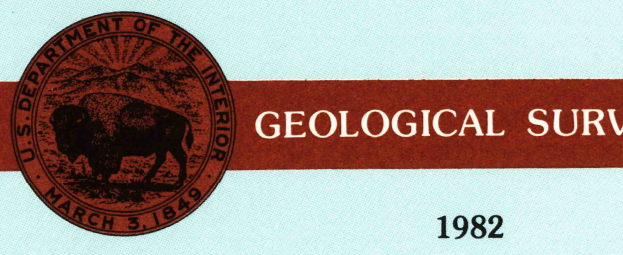




1:100 000-scale metric
topographic map of
Oceanside
CALIFORNIA



- 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 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
FOR SALE BY U.S. GEOLOGICAL SURVEY,
P.O. BOX 25286, DENVER, COLORADO, 80225

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 (GN) and 1983 magnetic declination (M) at center of map

Diagram is approximate

ADJOINING MAPS

1	2	3
4	5	6
7	8	9

1 Long Beach

2 Santa Ana

3 Palm Springs

4 Santa Catalina Island

5 Brea Valley

6 San Clemente Island

7 San Diego

8 El Cajon



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USGS/NM
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, edit or cave; mine, quarry; gravel pit
 - Compassing picnic area, U. S. location monument
 - Ruins; cliff dwelling
 - Distorted surface: strip mine, levee, 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

A pamphlet describing topographic maps is available on request