

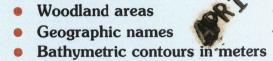
1:100 000-scale metric topographic—bathymetric map of

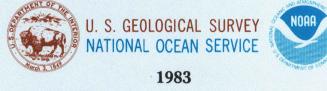
## **Point Estero CALIFORNIA**

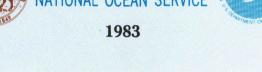


30 X 60 MINUTE QUADRANGLE SHOWING

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







Produced by the Geological Survey and the National Ocean

Compiled from USGS 1:24 000-scale topographic map dated 1965 Planimetry revised from aerial photographs taken 1976 and other source data. Revised information not field checked. Map edited 1983

Bathymetry compiled by the National Ocean Service from tide-coordinated hydrographic surveys. This information is not intended for navigational purpose Mean low water (dotted) line and mean high water (heavy solid) line compiled b NOS from tide-coordinated photography. Apparent shoreline (outer edge of vegetation) shown by light solid line

Projection and 10 000-meter grid, zone 10: Universal Transverse Mercator 25 000-foot grid ticks based on California coordinate system, zone 5 1927 North American Datum To place on the predicted North American Datum 1983 move the projection line 7 meters north and 91 meters east

Offshore protraction survey data, shown in red, compiled by the Bureau of Land Management. Heavy lines indicate limits of BLM Outer Continental Shelf Officia Protraction Diagrams dated 1976. The protractions on this map area not for Federal leasing purposes; for such purposes, refer to the 1:250,000-scale OCS Official Protraction Diagrams available from the Bureau of Land

CONTOUR INTERVAL 40 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
BATHYMETRIC CONTOUR INTERVALS: 10 METERS TO 200 METER
DEPTH, WITH SUPPLEMENTARY 2 METER CONTOURS, THENCE 50
METERS TO MAXIMUM DEPTH, WITH SUPPLEMENTARY 10 METER
CONTOURS—DATUM IS MEAN LOWER LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE

BASE MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS. BATHYMETRIC SURVEY DATA COMPLIES WITH INTERNATIONAL HYDROGRAPHIC ORGANIZATION (IHO) SPECIAL PUBLICATION 44 ACCURACY STANDARDS AND/OR STANDARDS USED AS OF THE DATE OF THE SURVEYS

To convert meters to feet multiply by 3.2808

To convert feet to meters multiply by 0.3048

UTM grid convergence (GN) and 1983 magnetic declination (MN) at center of map Diagram is approximate

FOR SALE BY U.S. GEOLOGICAL SURVEY DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092 AND NATIONAL OCEAN SERVICE, ROCKVILLE, MARYLAND 20852

## Topographic Map Symbols

Primary highway, hard surface		
Secondary highway, hard surface		
Light duty road, principal street, hard or improved surface $\ldots$		***************************************
Other road or street; trail		
Route marker: Interstate; U. S.; State		
Railroad: standard gage; narrow gage		
Bridge; overpass; underpass	<del></del>	<del> </del>  -
Tunnel: road; railroad		$\longrightarrow - \longleftarrow$
Built up area; locality; elevation		• 155
Airport; landing field; landing strip	mangflows	
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	ž o	an
Mine shaft; adit or cave; mine, quarry; gravel pit	▶ -	$\times$ $\times$
Campground; picnic area; U. S. location monument	*	<b>A</b>
Ruins; cliff dwelling		Д
Distorted surface: strip mine, lava; sand		
Contours: index; intermediate; supplementary		
Bathymetric contours: index; intermediate		
Stream, lake: perennial; intermittent	$\sim$	
Rapids, large and small; falls, large and small		

A pamphlet describing topographic maps is available on request