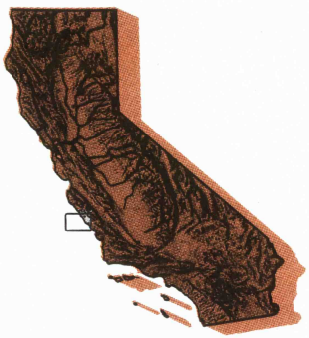


Cambria
CALIFORNIA

1:100 000-scale metric
topographic—bathymetric map



30 X 60 MINUTE QUADRANGLE
SHOWING

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



1980

Produced by the Geological Survey and the National Ocean Service

Compiled from USGS 1:24 000-scale maps dated 1961-1976. Flannery revised from aerial photographs taken 1972, 1976 and other source data. Revised information not field checked. Map after 1980 bathymetry compiled by the National Ocean Service from tide-coordinated hydrographic surveys. This information is not intended for navigational purposes. Mean lower low water (dotted line) and mean high water (heavy solid line) compiled by NOS from tide-coordinated aerial photographs. Apparent shoreline (outer edge of vegetation) shown by light solid line. Projection and 30 000-meter grid, zone 10, U.S. National Transverse Mercator 25 000-foot grid ticks based on California coordinate system, zones 4 and 5 1927 North American Datum. To place on the projected North American Datum 1983 move the projection lines 8 meters north and 91 meters east.

Offshore protection survey data, shown in red, furnished by the Minerals Management Service. Heavy lines indicate limits of Outer Continental Shelf Official Protection Diagrams dated October 31, 1978 and December 2, 1986. The projections on this map are not for Federal housing purposes. For such purposes, refer to OCS Official Protection Diagrams available from the Minerals Management Service. Limited revision and bathymetry added 1987. There may be private shoalings within the boundaries of National or State reservations shown on this map. CONTOUR INTERVAL: 40 METERS. NATIONAL GEODETIC DATUM: NAD 83. ELEVATION DATUM: TO THE NEAREST METERS TO 200 METERS. BATHYMETRIC CONTOUR INTERVAL: 10 METERS TO 200 METERS. DEPTH DATUM: MEAN LOWER LOW WATER. METERS TO MAXIMUM DEPTH, WITH SUPPLEMENTARY 10 METER CONTOURS, GIVEN IN MEAN LOWER LOW WATER. THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE. ROAD MAP CORRELATES WITH NATIONAL MAP SYMBOLS. STADIOMETERS, BATHYMETRIC SURVEY DATA CORRELATES WITH INTERNATIONAL HYDROGRAPHIC ORGANIZATION (IHO) SPECIAL PUBLICATION NO. 1. ACCURACY STANDARDS AND/OR STANDARDS USED AS OF THE DATE OF THE SURVEY.

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS			
Meters	Feet		1	2	3	
1	3.2808		1	2	3	
2	6.5617		4	5		
3	9.8425		6	7	8	
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		UTM grid convergence (GM) and 1987 magnetic declination (MD) at center of map. Diagram is approximate.	1	2	3	
To convert feet to meters multiply by 0.3048			4	5	6	
			7	8	9	
			10	11	12	

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

MAR 23 1988
REC'D FILE COPY
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: protected
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
Distorted surface: strip mine, levee, sand
Contours: index, intermediate, supplementary
Bathymetric contours: index, intermediate
Stream, lake, perennial, intermittent
Rapid, large and small; falls, large and small
Area to be submerged; marsh, swamp
Land subject to controlled inundation, woodland
Scrub, mangrove
Geologic viewpoint

A pamphlet describing topographic maps is available on request

CAMBRIA, CALIFORNIA
35121-E1-TB-100

1980
BATHYMETRY ADDED 1987

HYDROGRAPHIC SURVEY INFORMATION

SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING INAUT. MILES
H-5476	1933	1:10,000	03-11
H-5477	1933	1:40,000	19-25
H-5500	1933	1:100,000	10-10
H-5509	1933	1:40,000	06-07
H-5567	1933	1:40,000	11-17
H-5561	1934	1:80,000	50-70
H-5564	1934	1:10,000	03-11
H-5562	1934	1:10,000	05-08
H-5565	1934	1:10,000	03-11
H-5571	1934	1:10,000	03-11
H-5581	1934	1:10,000	03-08
H-5582	1934	1:10,000	03-08