San Luis Obispo
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

U. S. GEOLOGICAL SURVEY
NATIONAL OCEAN SERVICE

1981

Produced by the Geological Survey and the National Ocean Service
Compiled from USGS 1:24 000-scale topographic maps dated 1965–1967
Photopatches revised from aerial photographs taken 1976 and other sources
Data: Various information not field checked. Map edited 1981
Bathymetry compiled by the National Ocean Service from tide-coordinated hydrographic surveys. This information is not intended for navigational purposes
Mean lower low water (intertidal) 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 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 lines 7 meters north and 89 meters east
Offshore protraction survey data, shown in red, furnished by the Minerals Management Service. Heavy lines indicate limits of Outer Continental Shelf Official Protraction Diagrams dated May 11, 1983. The protractions on this map are not for Federal leasing purposes; for such purposes, refer to OCS Official Protraction Diagrams available from the Minerals Management Service
Limited revision and bathymetry added 1988
Certain land lines are omitted because of insufficient data
There may be private inholdings within the boundaries of National or State reservations shown on this map

CONTOUR INTERVAL 40 METERS
SUPPLEMENTARY CONTOUR INTERVAL 20 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
BATHYMETRIC CONTOUR INTERVALS 2 METERS
BATHYMETRIC CONTOUR INTERVALS 10 METERS TO 30 METERS DEPTH, WITH SUPPLEMENTARY 2 METER CONTOURS, THENCE 50 METERS TO 100 METERS 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

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 1988 magnetic declination (MN) at center of map. Diagram is approximate

ADJOINING MAPS

1	2	3
4		5
6	7	8

1 Camiria
2 Paso Robles
3 Simmler
4 Point Estero
5 Taft
6
7 Santa Maria
8 Cuyama

USGS NMD HISTORICAL MAP
MAR 29 1989
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: 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
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

A pamphlet describing topographic maps is available on request

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1988

KILOMETERS 1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
MILES 1 0 1 2 3 4 5 6 7 8 9 10 11 12 13

SCALE 1:100 000
1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND
CONTOUR INTERVAL 40 METERS
SUPPLEMENTARY CONTOUR INTERVAL 20 METERS

1000 0 5000 10 000 15 000 20 000 METERS
5000 0 10 000 20 000 30 000 40 000 50 000 60 000 70 000 FEET

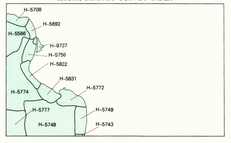
SAN LUIS OBISPO, CALIFORNIA
35120-A1-TB-100
1981

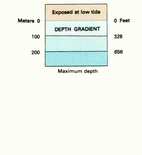
BATHYMETRY ADDED 1988

HYDROGRAPHIC SURVEY INFORMATION

SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING (NAUT. MILES)
H-5566	1933	1:40,000	05–87
H-5692	1934	1:10,000	03–08
H-5708	1934	1:10,000	03–09
H-5743	1934	1:10,000	11–53
H-5748	1933-34	1:10,000	11–53
H-5749	1934	1:10,000	03–16
H-5750	1934	1:10,000	03–08
H-5772	1934	1:10,000	03–05
H-5774	1934	1:10,000	03–05
H-5777	1933-34	1:120,000	80–412
H-5831	1934	1:10,000	03–05
H-5832	1934	1:10,000	03–05
H-8727	1876	1:5,000	01–03

HYDROGRAPHIC SURVEY INDEX





Photographic copies of the above and prior surveys may be obtained, at the cost of reproduction, by addressing the Director, N/CC2 243, National Ocean Service, National Oceanic and Atmospheric Administration, Rockville, Maryland 20852