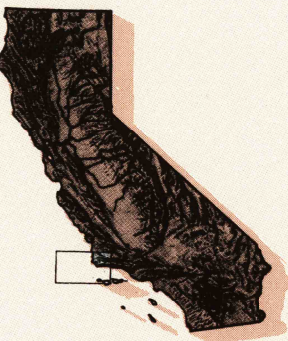


Santa Maria

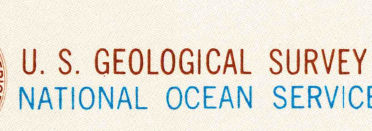
CALIFORNIA

1:250 000-scale *metric*
topographic-bathymetric map



1 X 2 DEGREE QUADRANGLE
SHOWING

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



1989

Produced by the United States Geological Survey and the National Ocean Service

Compiled from USGS 1:100 000-scale topographic maps dated 1981 and 1982. Planimetry revised from aerial photography taken 1984 and other source data. Revised information not field checked. Map edited 1989.

Bathymetry compiled by the National Ocean Service from tide-coordinated hydrographic surveys. Bathymetric survey data complies with International Hydrographic Organization (IHO) Special Publication 44 accuracy standards and/or standards used at the date of the survey. This information is not intended for navigational purposes. Mean lower low water (dotted line) and mean high water (solid line) compiled by NOS from tide-coordinated aerial photography.

North American Datum of 1983 (NAD 83). Projection and 10 000-meter grid. Universal Transverse Mercator, zone 13. 25 000-meter grid ticks. California Coordinate System of 1983 (zone 5).

The difference between NAD 83 and North American Datum of 1927 (NAD 27) for 7.5 minute intersection is given in USGS Bulletin 1875.

Offshore protection survey data, shown in red, furnished by the Minerals Management Service. Heavy lines indicate limits of California Leasing Map dated 1984 and Outer Continental Shelf Official Protraction Diagrams dated 1976. The protections on this map are not for Federal leasing purposes; for such purposes, refer to California Leasing Maps and OCS Official Protraction Diagrams available from the Minerals Management Service. Certain land grant names and boundaries are omitted to avoid congestion. There may be private inholdings within the boundaries of National or State reservations shown on this map.

1989 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 141° (258 MILS) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 14° (249 MILS) EASTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS 2.5 WESTERLY.

CONTOUR INTERVAL 100 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METERS
BATHYMETRIC CONTOUR INTERVALS: 10 METERS TO 200 METERS
DEPTH THENCE 50 METERS TO MAXIMUM DEPTH. DATUM IS MEAN LOWER LOW WATER. THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE.

BASE MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE				ADJOINING MAPS		
Meters	Feet	Fath	Meters	1	2	3
1	3.2808	1	3048			
2	6.5617	2	6096			
3	9.8425	3	9144			
4	13.1234	4	12192			
5	16.4042	5	15240			
6	19.6850	6	18288			
7	22.9659	7	21336			
8	26.2467	8	24384			
9	29.5275	9	27432			
10	32.8084	10	30480			

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

1	2	3
San Luis Obispo	Bakersfield	Los Angeles
4	5	6
Santa Rosa Island	Long Beach	

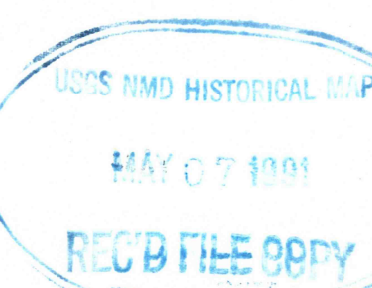
FOR SALE BY U.S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
AND NATIONAL OCEAN SERVICE, ROCKVILLE, MARYLAND 20852

Topographic Map Symbols

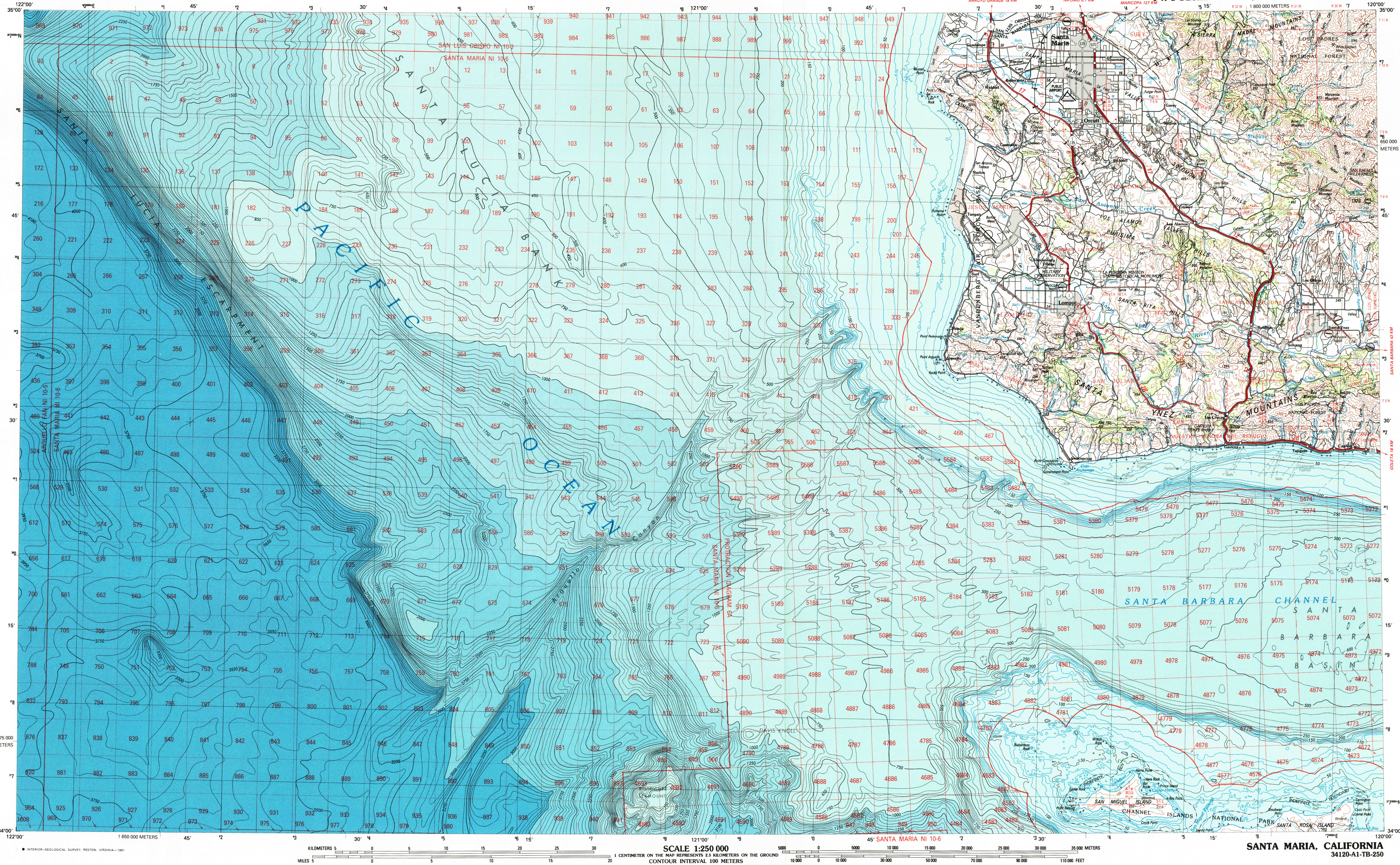
Dual highway; interchange	
Primary highway, hard surface	
Secondary highway, hard surface	
Light duty road, hard or improved surface	
Other road; trail	
Route marker: Interstate; U. S. State	
Bridge; overpass; underpass	
Tunnel: road, railroad	
Railroad: standard gauge; single, multiple track	
Railroad: narrow gauge; single, multiple track	
Built-up area; locality; elevation	
Airport: runway pattern known; unknown	
National boundary	
State boundary	
County boundary	
National or State reservation boundary	
Land grant boundary	
U. S. public lands survey: range, township (surveyed)	
U. S. public lands survey: range, township (protracted)	
Point; datum; position; aboveground; underground	
Dam; landmark feature; landmark building	
Well; water; other; spring; tank	
Cave; mine; quarry; oil platform	
Landmark area; landmark race track	
Disturbed surface: strip mine, levee, and sand	
Contours: index; intermediate; supplementary	
Bathymetric contours: index, intermediate	
Stream, lake; perennial; intermittent	
Rapids, large and small; falls, large and small	
Land subject to controlled inundation; marsh, swamp	
Mangrove, woodland	
Orchard; vineyard	

Figures in red denote approximate distance in kilometers between markers

A pamphlet describing topographic maps is available on request



SANTA MARIA, CALIFORNIA



SANTA MARIA, CALIFORNIA
34120-A1-TB-250

1989

HYDROGRAPHIC SURVEY INFORMATION

SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING (NAUT. MILES)	SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING (NAUT. MILES)
H-5508	1930	1:10,000	03.16	H-5742	1934	1:10,000	03.21
H-5509	1933.34	1:10,000	03.13	H-5743	1934	1:10,000	03.13
H-5624	1934	1:10,000	03.24	H-5746	1933.34	1:10,000	21.43
H-5625	1933	1:10,000	05.27	H-5747	1934	1:10,000	03.21
H-5626	1933	1:10,000	05.21	H-5748	1933.34	1:10,000	11.43
H-5627	1933	1:10,000	05.21	H-5749	1933.36	1:10,000	11.43
H-5628	1934.35	1:5,000	03.03	H-5776	1933.34	1:120,000	50.00
H-5629	1933.35	1:10,000	05.21	H-5777	1933.34	1:120,000	20.00
H-5630	1933.35	1:10,000	05.21	H-5778	1933.34	1:120,000	21.43
H-5631	1933.35	1:10,000	05.21	H-5779	1933.34	1:120,000	21.43
H-5632	1933.35	1:10,000	05.21	H-5780	1933.34	1:120,000	21.43
H-5633	1933.35	1:10,000	05.21	H-5781	1933.34	1:120,000	21.43
H-5634	1933.35	1:10,000	05.21	H-5782	1933.34	1:120,000	21.43
H-5635	1933.35	1:10,000	05.21	H-5783	1933.34	1:120,000	21.43
H-5636	1933.35	1:10,000	05.21	H-5784	1933.34	1:120,000	21.43
H-5637	1933.35	1:10,000	05.21	H-5785	1933.34	1:120,000	21.43
H-5638	1933.35	1:10,000	05.21	H-5786	1933.34	1:120,000	21.43
H-5639	1933.35	1:10,000	05.21	H-5787	1933.34	1:120,000	21.43
H-5640	1933.35	1:10,000	05.21	H-5788	1933.34	1:120,000	21.43
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H-5707	1933.35	1:10,000	05.21	H-5855	1933.34	1:120,000	21.43
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H-5751	1933.35	1:10,000	05.21	H-5899	1933.34		