

BATHYMETRIC BASE NOT
AVAILABLE WEST OF
125°10' WEST LONGITUDE

EXPLANATION

This map is a compilation of free-air gravity anomaly data overlain on a bathymetric base. It is released as a part of the U.S. Geological Survey's program on the Outer Continental Shelf.

Free-air gravity anomalies were calculated using the 1930 International Gravity Formula.

- GRAVITY CONTOUR--Contour interval 10 milligals. Dashures indicate closed area of lower values
- BATHYMETRIC CONTOUR--Contour interval 10 m to 200 m depth; 50 m to maximum depth
- TRACKLINE
- ISOLATED GRAVITY VALUE

SOURCES OF DATA

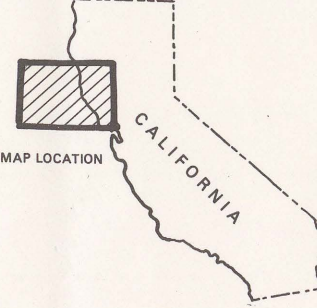
Defence Mapping Agency, St. Louis, Missouri:
Declassified gravity data on the west coast through 1973.

National Geophysical and Solar-Terrestrial Data Center, Boulder, Colorado: File No. 00106, OOS SURVEYOR, CS-1-7; File No. 00078, OOS SURVEYOR, OOS SURVEYOR and others, 1969-1970.

MAJOR GRAVITY SURVEYS

Organization	Ship	Year	Navigation System	Gravity Meter
NAVCEANO	SURVEYOR	1969	Satellite Smooth Plot	LAR S-34
NOAA and NAVCEANO	SURVEYOR	1970	Decalambes Series 3 31 Piz. Satellite	Sell, SM-4
NOAA and NAVCEANO	SURVEYOR	1972	Near Shore Under Sounding Offshore-Satellite & Smooth Plot	LAR S-32

NAVCEANO: Navy Oceanographic Office
NOAA: National Oceanic and Atmospheric Administration
LAR: Lacoste and Rougemont



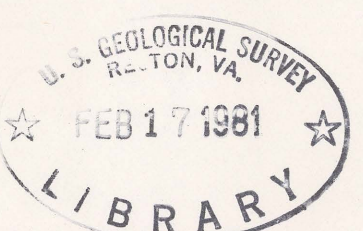
Bathymetry compiled from U.S. Coast and Geodetic Survey hydrographic surveys dated 1922 and 1940 supplemented by hydrographic information from other sources

Bathymetric contour intervals: 10 m to the 200 m depth, 50 m to maximum depth. Datum mean lower low water

- ELEVATIONS
- Islets above mean high water
 - Rocks awash above mean lower low water

FREE-AIR GRAVITY MAP OF THE CALIFORNIA OUTER CONTINENTAL SHELF, 38°-40° NORTH LATITUDE

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1981



INTERIOR--GEOLOGICAL SURVEY, RESTON, VIRGINIA--1981
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