

SOUTHERN CALIFORNIA ENVIRONMENTAL SENSITIVITY MAPPING PROJECT

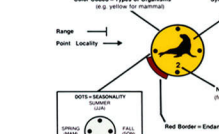
Index of Shoreline Types

1. Exposed rocky headlands and exposed seawalls.
2. Wave-cut platforms with or without thin sediment cover.
3. Fine grained sand beaches.
4. Exposed medium to coarse grained sand beaches.
5. Sheltered sand beaches.
- 5a. Mixed sand, gravel, cobble and boulder beaches.
6. Exposed gravel-boulder beaches and exposed riprap structures.
8. Sheltered gravel-boulder beaches and sheltered riprap structures.
9. Sheltered tidal flats.
10. Marshland.
- Manmade sheltered inner-harbor structures.

Biological Features

- Marine Mammals
 - Sea otter
 - Seals, Sea lions
- Birds
 - Wading birds
 - Diving birds
 - Shore birds
 - Waterfowl
 - Alcids
 - Gulls and terns
- Fishes
 - Anadromous salmon
 - Beach spawners
 - Invertebrates
 - Clams
 - Abalone
 - Reptiles
 - Turtles
 - Kelp
 - Eel Grass

KEY TO WILDLIFE MARKERS



Socioeconomic Features

- Parks and beaches
- Mariculture operations
- Reserves, preserves, refuges and ecological areas.
- ASBS Areas of Special Biological Significance

Spill Response Information

- Boom placements
- Closures
- Skimmers
- Washover locations

ROAD CLASSIFICATION

- Heavy duty
- Medium duty
- Light duty
- Unimproved dirt
- Interstate Route
- U.S. Route

Mapped, edited, and published by the Geological Survey
Control by USGS, USC&GS, and Los Angeles City and County
Topography by photogrammetric methods from aerial
photographs taken 1964. Field checked 1966
Supersedes map surveyed 1923-24, revised 1950
Selected hydrographic data compiled from USC&GS Chart 5144 (1964)
This information is not intended for navigational purposes
Polyconic projection. 1927 North American datum
10,000-foot grid based on California coordinate system, zone 7
1000-meter Universal Transverse Mercator grid ticks,
zone 11, shown in blue
Red tint indicates areas in which only landmark buildings are shown
A portion of the south half of this map lies within a subsidence area
Vertical control based on latest available adjustment

CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 100-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET. LATITUDE IS MEAN LOWER LOW WATER
UNLESS OTHERWISE NOTED. THE AVERAGE MEAN LOW WATER IS 0.5 FEET
THE MEAN RANGE OF TIDE IS APPROXIMATELY 5 FEET
THIS MAP COMPLETES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80275 OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



QUADRANGLE LOCATION

Revisions shown in purple compiled from aerial photographs
taken 1972. This information not field checked
Purple tint indicates extensive urban areas

ESI MAP
NUMBER

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