



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, Alcid, Gulls and terns
- Fishes: Anadromous salmon, Beach spawners
- Invertebrates: Clams, Abalone
- Reptiles: Turtles
- Kelp: Eel Grass

KEY TO WILDLIFE MARKERS

Color Coded - Types of Organisms (e.g. yellow for mammal)
Symbol - Ecological Type (e.g. 1000)
Range - Locality
Number - Species (from regional lists)
Red Border - Endangered Species

Socioeconomic Features

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

Spill Response Information

- Boom placements
- Closures
- Skimmers
- Washover locations

Mapped, edited, and published by the Geological Survey
Control by USGS, USC&GS, and Los Angeles County
Planimetry by photogrammetric methods from aerial photographs taken 1963. Topography by planimetric surveys 1965
Supersedes map surveyed 1932, revised 1949
Selected hydrographic data compiled from USC&GS Charts 5148 (1966) and 5142 (1966). This information is not intended for navigational purposes.
Polyconic projection. 1927 North American datum
10,000-foot grids based on California coordinate system, zones 6, 7, and 5
1000-meter Universal Transverse Mercator grid ticks, zone 11, shown in blue
Red tint indicates areas in which only landmark buildings are shown
Dotted land lines established by private survey
This map lies within a subsidence area
Vertical control based on latest available adjustment

Scale 1:24,000
CONTOUR INTERVAL 5 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOWER LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 4 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

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

ROAD CLASSIFICATION

- Heavy duty
- Medium duty
- Light duty
- Unimproved dirt
- Interstate Route

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