



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

KEY TO WILDLIFE MARKERS

- Color Code = Types of Organisms (see legend for details)
- Range
- Point Locality
- Number = Species (from regional lists)
- Red Border = Endangered Species

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

Mapped, edited, and published by the Geological Survey
Control by USGS, USC&GS, and Los Angeles City and County
Planimetry by photogrammetric methods from aerial photographs
taken 1964. Topography by planimetric surveys, 1964. Revised 1964.
Selected hydrographic data compiled from USC&GS
Charts 6142 (1964), 5147 (1964), and 5148 (1966).
This information is not intended for navigational purposes.
Polyconic projection. 1927 North American datum.
10,000-foot grid based on California coordinate system, zones 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.

CONTOUR INTERVAL 5 FEET
ELEVATION IN FEET
DEPTH CURVES AND SOUNDINGS IN FEET (DATUM IS MEAN LOW WATER)
UNLESS OTHERWISE NOTED. (SEE EXPLANATION, PAGE 1 OF MAP SERIES)
THE MEAN RANGE OF TIDE IS APPROXIMATELY 4 FEET.

ROAD CLASSIFICATION
Heavy Duty
Medium Duty
Light Duty
Unimproved dirt road
Interstate Route
State Route