



SOUTHERN CALIFORNIA ENVIRONMENTAL SENSITIVITY MAPPING PROJECT

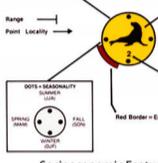
Index of Shoreline Types

- 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, Eel Grass

KEY TO WILDLIFE MARKERS



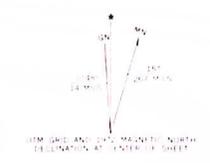
Socioeconomic Features

- 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 City and County
Planimetry by photogrammetric methods from aerial photographs taken 1963. Topography by planetable surveys 1925 and 1928. Revised 1964.
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 grids based on California coordinate systems, zones 5 and 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 north half of this map lies within a subsidence area.
Vertical control based on latest available adjustment.



SCALE 1:24,000
CONTOUR INTERVAL 10 FEET
DOTTED LINES REPRESENT 5 FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CONTOUR 10 FEET BELOW MEAN LOW WATER
MEAN RANGE OF TIDE APPROXIMATELY 4 FEET
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80205, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION
Heavy duty Medium duty Light duty Unimproved dirt Interstate Route
Revision shown in purple compiled from aerial photographs taken 1972. This information not field checked.
Purple tint indicates extension of urban areas.
QUADRANGLE LOCATION
ESI MAP NUMBER
19