



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.
 6. Exposed gravel-boulder beaches and exposed riprap structures.
 7. Sheltered gravel-boulder beaches and sheltered riprap structures.
 8. Sheltered tidal flats.
 9. Sheltered tidal flats.
 10. Marshland.
 11. 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**
- Color Code - Types of Occupations
Shape - Location
Number - Species (from map)

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 City of San Diego. Topography by photogrammetric methods from aerial photographs taken 1966. Field checked 1967. Supersedes map surveyed 1938-39, revised 1953. Selected hydrographic data compiled from USC&GS Charts 5105 (1968) and 5107 (1969). This information not intended for navigational purposes. Polyconic projection. 1927 North American datum 10,000-foot grid based on California coordinate system, zone 6 1000 meter Universal Transverse Mercator grid ticks, zone 11, shown in blue. Revisions shown in purple compiled from aerial photographs taken 1975. This information not field checked. Red tint indicates areas in which only landmark buildings are shown. Purple tint indicates extension of urban areas.

SCALE 1:24,000

CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 10 FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOWER LOW WATER
SHOULDER SOUNDING REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE AVERAGE 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

ROAD CLASSIFICATION
Heavy duty, Medium duty, Light duty, Unimproved dirt, Interstate Route

ESI MAP NUMBER
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