



SOUTHERN CALIFORNIA ENVIRONMENTAL SENSITIVITY MAPPING PROJECT

- Index of Shoreline Types**
- Exposed rocky headlands and exposed seawalls.
 - Wave-cut platforms with or without thin sediment cover.
 - Fine grained sand beaches.
 - Exposed medium to coarse grained sand beaches.
 - Sheltered sand beaches.
 - Mixed sand, gravel, cobble and boulder beaches.
 - Exposed gravel-boulder beaches and exposed riprap structures.
 - Sheltered gravel-boulder beaches and sheltered riprap structures.
 - Sheltered tidal flats.
 - 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**
- Color Coded - Types of Organisms (e.g. yellow for mammals)
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 by the Army Map Service
Edited and published by the Geological Survey
Control by USGS, USC&GS, and USBR
Topography by photogrammetric methods from aerial photographs taken 1942. Culture revision and field check by USGS 1952
Selected hydrographic data compiled from USC&GS Chart 5261
This information is not intended for navigational purposes
Polyconic projection - 1927 North American datum
10,000-foot grid based on California coordinate system, zone 5
1000 meter Universal Transverse Mercator grid ticks, zone 11, shown in blue
Red tint indicates areas in which only landmark buildings are shown
Data shown in purple compiled by the Geological Survey from aerial photographs taken 1967. This information not field checked
Purple tint indicates extension of urban areas

SCALE 1:24,000

CONTOUR INTERVAL 50 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES IN FEET. DATUM IS MEAN LOWER LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 4 FEET

ROAD CLASSIFICATION

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

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