

Mapped, edited, and published by the Geological Survey
Control by USGS, USC&GS, and USCE
Topography by photogrammetric methods from aerial photographs
taken 1946. Field checked 1947-48. Revised from aerial
photographs taken 1967. Field checked 1968
Selected hydrographic data compiled from USC&GS surveys (1934)
This information is 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
Red tint indicates areas in which only landmark buildings are shown
Fine red dashed lines indicate selected fence lines
Dotted land lines established by private survey
Purple tint indicates extension of urban areas
Revisions shown in purple compiled from aerial
photographs taken 1975. This information not
field checked

UTM GRID AND 1983 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

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

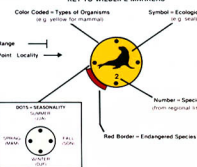
SOUTHERN CALIFORNIA ENVIRONMENTAL SENSITIVITY MAPPING PROJECT

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
 - Kelp
 - Eel Grass



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

ESI MAP
NUMBER

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