

SOUTHERN CALIFORNIA ENVIRONMENTAL SENSITIVITY MAPPING PROJECT

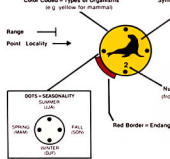
Index of Shoreline Types

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, Alclids, 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 Co.
Topography by photogrammetric methods from aerial
photographs taken 1947. Field checked 1950.
Polyconic projection. 1927 North American datum.
10,000-foot grids based on California coordinate system, zones 5 and 7.
1000-metre Universal Transverse Mercator grid ticks.
zone 11, shown in blue.
Dotted land lines were established by private survey.
Data shown in purple compiled from aerial photographs
taken 1967. This information not field checked.

SCALE 1:24,000

CONTOUR INTERVAL 25 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

SHORELINE SHOWN 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
State Route

ESI MAP
NUMBER

15