



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, Alcidis, Gulls and terns
 - Fishes: Anadromous salmon, Beach spanners
 - Invertebrates: Clams, Abalone, Reptiles, Turtles, Eel Grass
 - Algae: Kelp
- Color Codes - Types of Organisms**
- Symbol - Ecological Type**
- Range**
- Number - Species**
- Red Asterisk - 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

Eel Grass Borders Subtidal Shoreline of Mission Bay.

ESI MAP NUMBER
37

Mapped, edited and published by the Geological Survey.
Control by USGS, USFWS, and City of San Diego.
Topography by photogrammetric methods from aerial photographs taken 1966. Field checked 1967.
Supersedes map surveyed 1938-1939, revised 1953.
Selected hydrographic data compiled from USCGS Chart 5060 (1966) and hydrographic surveys 1908 and 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.
Purple tint indicates extension of urban areas.

CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 100 FOOT CONTOURS
NATIONAL GEODETIC SURVEY AT DATUM OF 1929
DEPTH VALUES AND SOUNDINGS IN FEET. DATUM IS MEAN LOWER LOW WATER
SOUNDINGS ARE MEAN SEA LEVEL. MEAN SEA LEVEL IS 1.1 METERS ABOVE THE MEAN SEA LEVEL OF THE 1929 DATUM.
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 U.S. Route State Route