

Mapped, edited, and published by the Geological Survey
Control by USGS, USCGS, USCE, and City of San Diego
Topography by photogrammetric methods from aerial
photographs taken 1966. Field checked 1967.
Superimposed map surveyed 1938-39, revised 1953.
Selected hydrographic data compiled from USCGS surveys (1934).
This information is not intended for navigational purposes.
Polyconic projection. 1927 North American datum.
10,000 feet 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.

Revisions shown in purple compiled from aerial photographs
taken 1975. This information not field checked.
Purple tint indicates extension of urban areas.

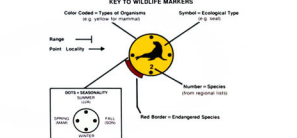
ESI MAP
NUMBER
36

SCALE 1:40,000
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
SHOWING NO SIGNIFICANT TRENDS OF APPROXIMATELY 100 FEET DEPTH
THE MEAN RANGE OF TIDE IS APPROXIMATELY 6 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

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, Alcid, Gulls and terns
 - Fishes: Anadromous salmon, Beach spawners, Invertebrates: Clams, Abalone, Reptiles: Turtles, Eel Grass



- 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

