

SOUTHERN CALIFORNIA ENVIRONMENTAL SENSITIVITY MAPPING PROJECT

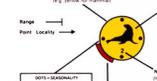
Index of Shoreline Types

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
- Other: Kelp, Eel Grass

KEY TO WILDLIFE MARKERS



Socioeconomic Features

- Parks and beaches
- Mariculture operations
- Reserves, preserves, refuges and ecological areas.
- ASBS Areas of Special Biological Significance
- Marinas

Spill Response Information

- Boom placements
- Closures
- Skimmers
- Washover locations

Mapped, edited, and published by the U. S. Geological Survey

Control by USGS, NOS/NOAA, and the

Comisión de Estudios del Territorio Nacional (CETENA)

Mexico portion enlarged from CETENA 1:50,000 scale

Tijuana 111C69 map dated 1974

U. S. portion compiled by photogrammetric methods

from aerial photographs taken 1956. Field checked 1967

Projection and 10,000-foot grid ticks. California coordinate

system, zone 6 (Lambert conformal conic)

1000 meter Universal Transverse Mercator grid, zone 11

1927 North American datum

Gray tint indicates areas in which only landmark buildings are shown

Revisions shown in purple compiled from aerial photographs

taken 1975. This information not field checked

Purple tint indicates extension to urban areas

ESI MAP
NUMBER

40

CONTOUR INTERVAL 20 FEET IN THE UNITED STATES AND 10 METERS IN MEXICO
DOTTED LINES REPRESENT 50 FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE TIDE RANGE IS APPROXIMATELY 4 FEET

THE U. S. PORTION OF THIS MAP COMPILED WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY DENVER COLORADO 80226 OR RESTON VIRGINIA 22092
AND BY CETENA SAN ANTONIO ABAD NO 124 MEXICO B. O. F.
A FOLDER DESCRIBING U. S. TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE FROM USGS

MEXICO ROAD CLASSIFICATION

- Highway - more than 2 lanes
- Toll station
- Paved highway
- Unimproved dirt
- Trail

U. S. ROAD CLASSIFICATION

- Heavy duty
- Medium duty
- Interstate Route
- Light duty
- Unimproved dirt
- State Route