



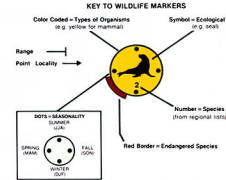
SOUTHERN CALIFORNIA ENVIRONMENTAL SENSITIVITY MAPPING PROJECT

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

Spill Response Information

- Boom placements
- Closures
- Skimmers
- Washover locations

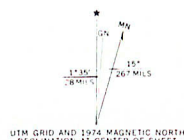
Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS

Topography from aerial photographs by multiplex methods  
Aerial photographs taken 1947. Field check 1953

Polyconic projection, 1927 North American datum  
10,000-foot grid based on California coordinate system, zone 5  
1000-meter Universal Transverse Mercator grid lines,  
zone 10, shown in blue

Dashed land lines indicate approximate locations  
Unchecked elevations are shown in brown

Revisions shown in purple compiled from aerial photographs  
taken 1974. This information not field checked



CONTOUR INTERVAL 40 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
ELEVATIONS IN FEET UNLESS OTHERWISE NOTED  
THE HIGHEST ELEVATION IS 7441 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  
U.S. Route

ESI MAP  
NUMBER

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