

SOUTHERN CALIFORNIA ENVIRONMENTAL SENSITIVITY MAPPING PROJECT

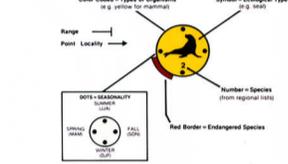
Index of Shoreline Types

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, Eel Grass

KEY TO WILDLIFE MARKERS

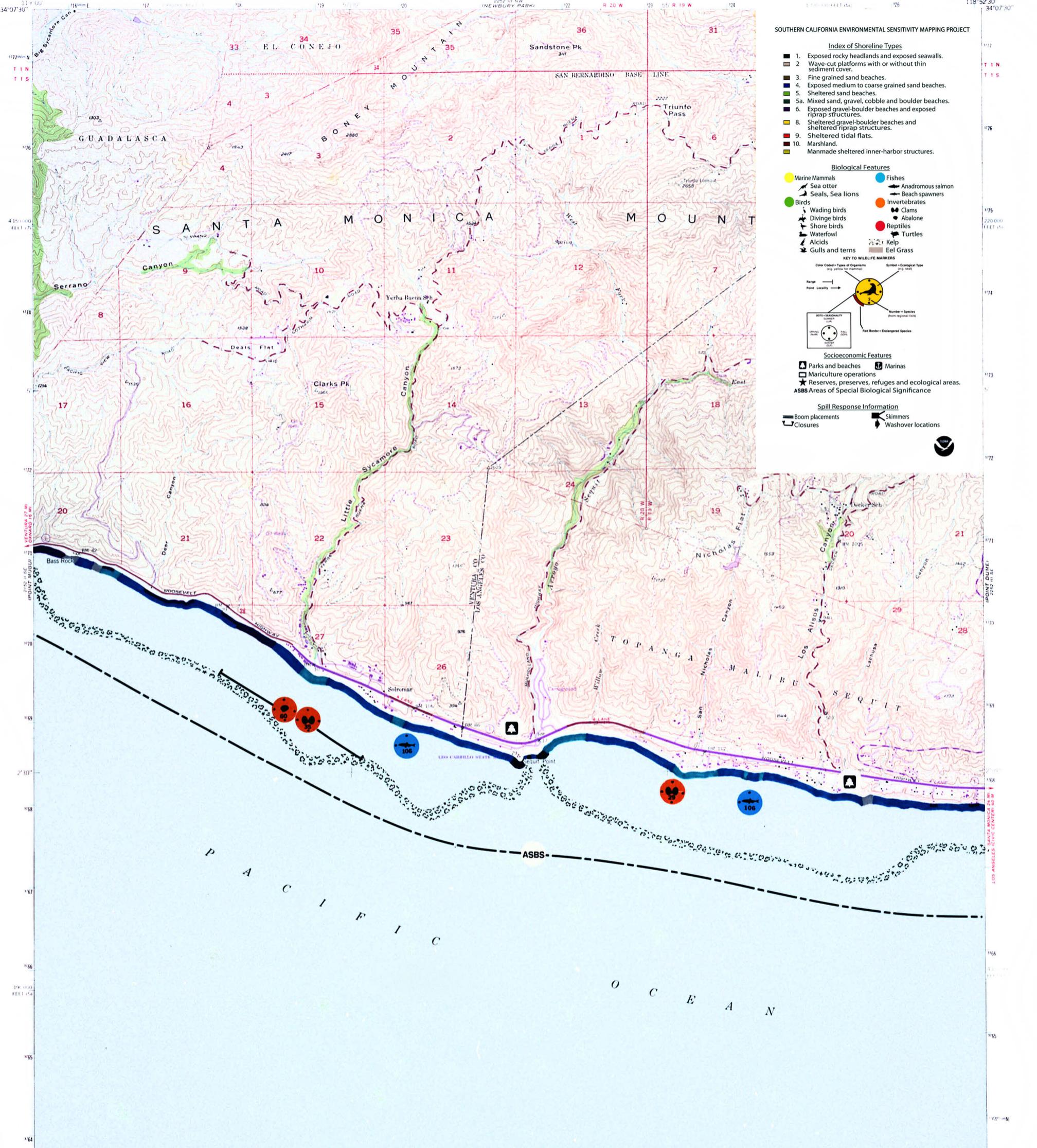


Socioeconomic Features

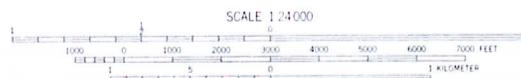
- Parks and beaches, Marinas, Mariculture operations, Reserves, preserves, refuges and ecological areas, ASBS Areas of Special Biological Significance

Spill Response Information

- Boom placements, Closures, Skimmers, Washover locations



Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Topography from aerial photographs by multiple methods  
Aerial photographs taken 1947, Field check 1949  
Elevation projection 1927 North American datum  
10,000 foot grids based on California coordinate system,  
zones 6 and 7  
1000 meter Universal Transverse Mercator grid ticks,  
zone 11, shown in blue  
Dotted land lines established by private survey  
Data shown in purple compiled from aerial photographs  
taken 1967. This information not field checked



CONTOUR INTERVAL 25 FEET  
DATUM IS MEAN SEA LEVEL

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 WASHINGTON, D. C. 20242  
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

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