

SOUTHERN CALIFORNIA ENVIRONMENTAL SENSITIVITY MAPPING PROJECT

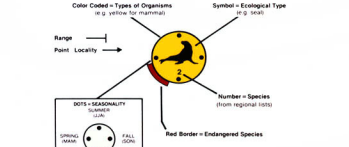
Index of Shoreline Types

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

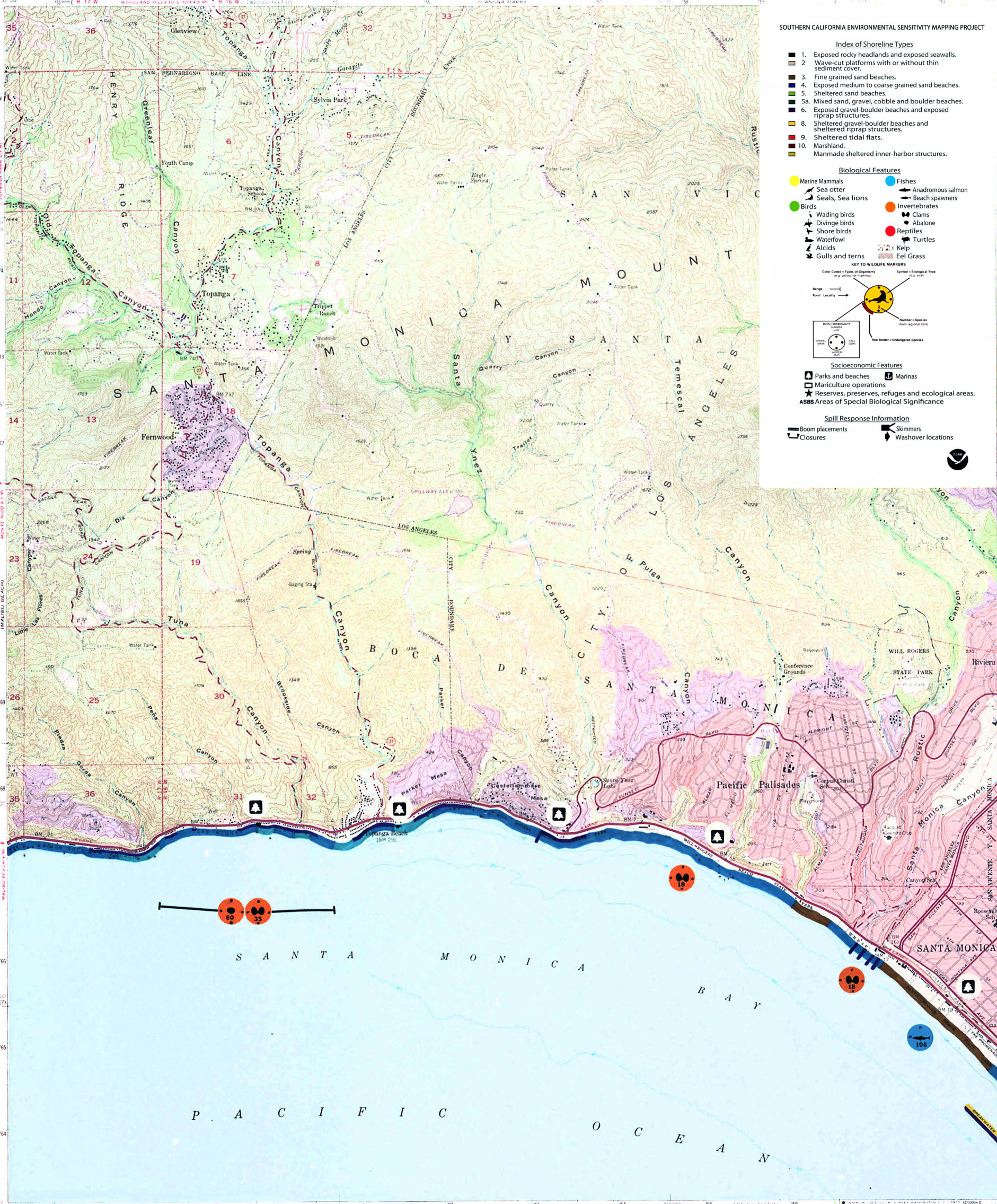


Socioeconomic Features

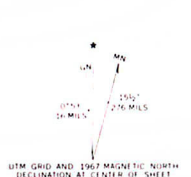
- Parks and beaches, Marinas, Mariculture operations, Reserves, preserves, refuges and ecological areas, ASBS Areas of Special Biological Significance

Spill Response Information

- Boom placements, Closures, Skimmers, Washover locations



Mapped, edited, and published by the Geological Survey  
Control by USGS, USC&GS, and Los Angeles City and County  
Topography by photogrammetric methods from aerial photographs  
taken 1947 and planetable surveys 1925. Field checked 1952  
Selected hydrographic data compiled from USC&GS Chart 5144  
This information is not intended for navigational purposes  
Polyconic projection, 1927 North American datum  
10,000-foot grids based on California coordinate system, zones 5 and 7  
1000-meter Universal Transverse Mercator grid ticks,  
zone 11, shown in blue  
Red tint indicates areas in which only landmark buildings are shown  
Data shown in purple compiled from aerial photographs  
taken 1967. This information not field checked  
Purple tint indicates extension of urban areas



SCALE 1:24,000  
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36  
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET  
1 KILOMETER  
CONTOUR INTERVAL 25 FEET  
DOTTED LINES REPRESENT 5 FOOT CONTOURS  
DATUM IS MEAN SEA LEVEL  
DEPTH CURVES IN FEET. DATUM IS MEAN LOWER LOW WATER  
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE TO MEAN HIGH WATER  
THE OUTLINE MAP OF U.S. IS APPROXIMATELY 4 FEET  
THIS MAP COMPLETES 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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