



SOUTHERN CALIFORNIA ENVIRONMENTAL SENSITIVITY MAPPING PROJECT

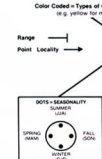
Index of Shoreline Types

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.
- 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

KEY TO WILDLIFE MARKERS

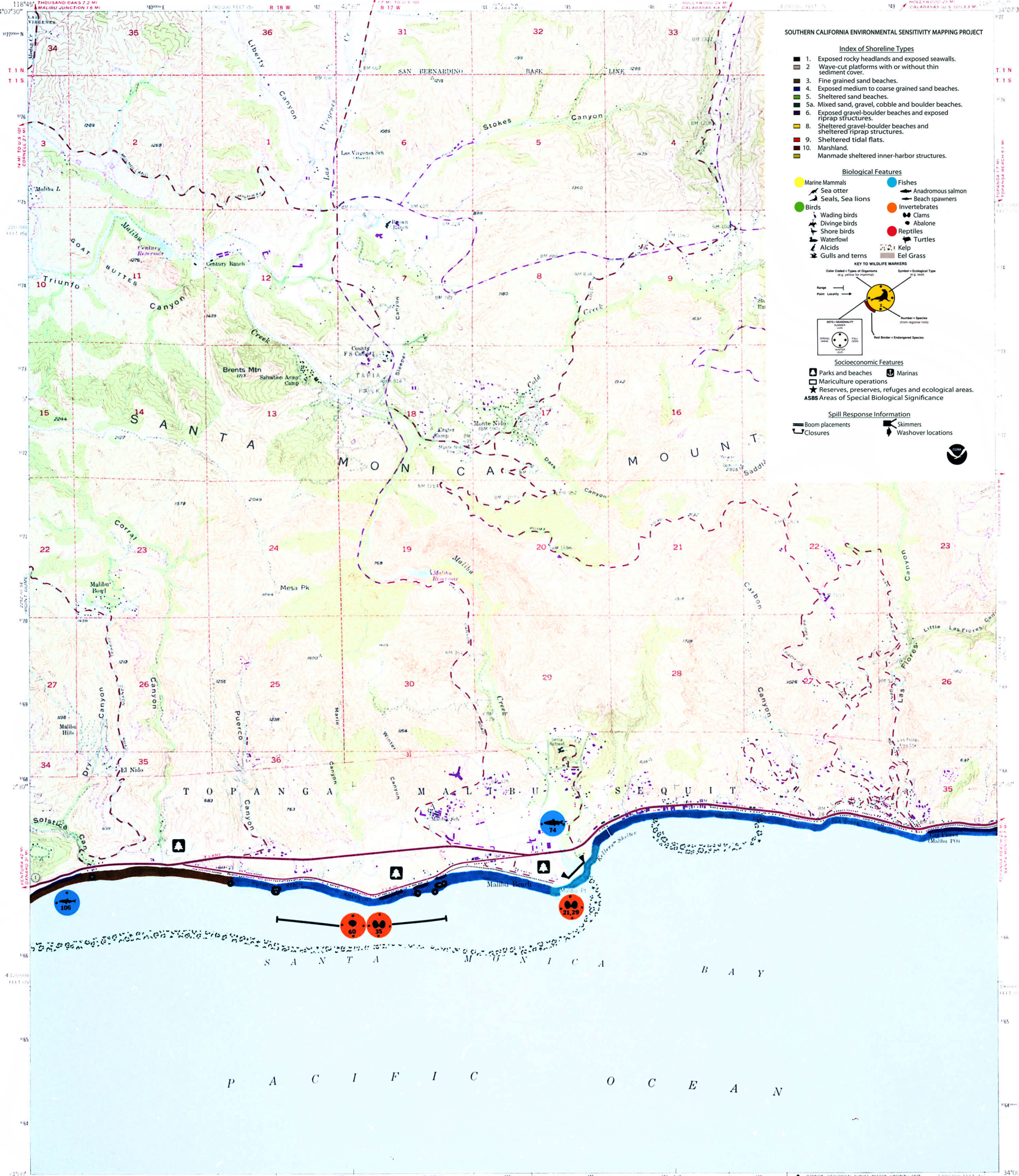


Socioeconomic Features

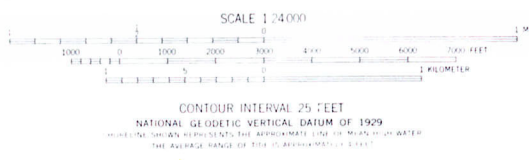
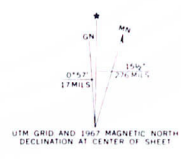
- Parks and beaches
- Mariculture operations
- Reserves, preserves, refuges and ecological areas.
- ASBS Areas of Special Biological Significance

Spill Response Information

- Boom placements
- Closures
- Skimmers
- Washover locations



Mapped, edited, and published by the Geological Survey
Contributed by USC&GS and L. A. County
Topography from aerial photographs by multiplex methods
Aerial photographs taken 1947. Field check 1950
Polyconic projection. 1927 North American datum
10,000-foot grid based on California coordinate system,
zones 5 and 7
1000-meter Universal Transverse Mercator grid ticks,
zone 11, shown in blue
Data shown in purple compiled from aerial photographs
taken 1967. This information not field checked



ROAD CLASSIFICATION

Heavy duty	Light duty
Medium duty	Unimproved dirt
	State Route

ESI MAP
NUMBER
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