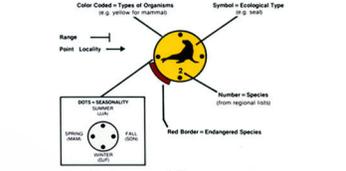


SOUTHERN CALIFORNIA ENVIRONMENTAL SENSITIVITY MAPPING PROJECT

- 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.

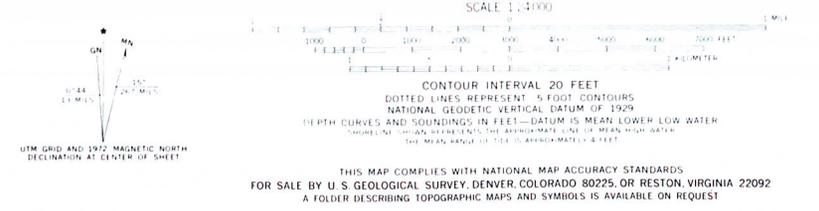
- Biological Features**
- Marine Mammals: Sea otter, Seals, Sea lions
 - Birds: Wading birds, Diving birds, Shore birds, Waterfowl, Alcids, Gulls and terns
 - Fishes: Anadromous salmon, Beach spawners, Invertebrates, Clams, Abalone, Reptiles, Turtles, Eel Grass



- 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, USC&GS, and Los Angeles County
Topography by photogrammetric methods from aerial photographs taken 1963 and by planetable surveys 1964
Selected hydrographic data compiled from USC&GS Chart 5147 (1963)
This information is not intended for navigational purposes
Polyconic projection. 1927 North American datum
10,000-foot grids based on California coordinate system, zones 7 and 5
1000-meter Universal Transverse Mercator grid ticks, zone 11, shown in blue
Red tint indicates areas in which only landmark buildings are shown
A portion of the east half of this map lies within a subsidence area
Vertical control based on latest available adjustment



ROAD CLASSIFICATION

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

QUADRANGLE LOCATION

ESI MAP NUMBER
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