

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
 - Kelp
- Eel Grass
 - Eel Grass

KEY TO WILDLIFE MARKERS

- Color Coded = Types of Organisms (see symbols for details)
- Range
- Point Locality
- BOYS - SEASONALITY (see symbols for details)
- Symbol = Ecological Type (see symbols for details)
- Number in Species (from regional lists)
- Red Border = Endangered Species
- 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

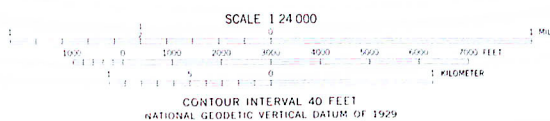
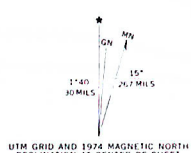
ROAD CLASSIFICATION

- Heavy duty
- Medium duty
- Light duty
- Unimproved dirt
- U.S. Route

ESI MAP
NUMBER

4

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



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
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