

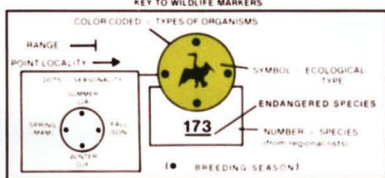
ENVIRONMENTAL SENSITIVITY INDEX  
SAN FRANCISCO BAY AREA

SHORELINE TYPES

- Sensitivity
- 1 Exposed rocky shores and vertical seawalls
  - 2 Exposed piers and rocky platforms
  - 3 Fine-grained sand beaches
  - 4 Medium- to coarse-grained sand beaches
  - 5 Mixed sand, gravel, and fill beaches
  - 6 Gravel beaches and exposed riprap
  - 7 Exposed sandy tidal flats
  - 8 Sheltered coastal structures and rocky shores
  - 9 Sheltered tidal flats
  - 10 Wetlands

BIOLOGICAL RESOURCES

- MAMMALS
- Seals
  - Fur bearing aquatic mammals
- BIRDS
- Raptors
  - Diving birds
  - Seabirds
  - Shorebirds
  - Wading birds
  - Waterfowl
- SHELLFISH
- Clams
  - Crabs
- FISH
- Anadromous fish
  - Bottom fish
  - Forage fish



SOCIOECONOMIC FEATURES

- Parks and recreational areas
- Wildlife refuges, management areas, ecological reserves
- Boat ramps
- Marinas

SPILL-RESPONSE INFORMATION

- Skimmer locations
- Boom locations

COMMON THROUGHOUT MARSH AREA

- 8,36, 41

ADJOINS MAP # 9

SCALE 1:24,000

CONTOUR INTERVAL 10 FEET

DOTTED LINES REPRESENT HALF INTERVAL CONTOURS  
CONTOURS INCOMPLETE ALONG EMBANKMENTS AND DITCHES  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
DEPTH CURVES IN FEET  
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE  
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER  
THE MEAN RANGE OF TIDE IS APPROXIMATELY 4 FEET

THIS MAP COMPLETES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY DENVER, COLORADO 80225 OR RESTON, VIRGINIA 22092  
A FOLDER DESCRIBING THE CONTOUR MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ESI MAP  
# 4

DENVERTON, CALIF.  
NW 4 PITTSBURG 15 QUADRANGLE  
N3807.5—W152.5/7.5

1953  
PHOTOREVISED 1980  
DMA 1660 III NW—SERIES VB95

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There may be private inholdings within the boundaries of the National or State reservations shown on this map

Revisions shown in purple and woodland compiled from aerial photographs taken 1978 and other source data  
This information not field checked Map edited 1980