

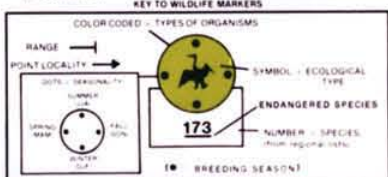
ENVIRONMENTAL SENSITIVITY INDEX
SAN FRANCISCO BAY AREA

SHORELINE TYPES

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
SAN PABLO BAY



Mapped, edited, and published by the Geological Survey
Control by USGS, NOS/NOAA and USCE
Topography from aerial photographs by photogrammetric methods
and by planimetric surveys 1948-1949. Aerial photographs taken 1948
Revised from aerial photographs taken 1958. Field checked 1959

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UTM GRID AND 1983 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

SCALE 1:24,000

CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 5 FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES IN FEET - DATUM IS MEAN LOWER LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 4 FEET

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

ADJOINS MAP # 13

ESI MAP
6

MARE ISLAND, CALIF.

N3800-W12215/7.5

1959
PHOTO-REVISED 1980
DMA 1560 III SE-SERIES V895

Revisions shown in purple and woodland compiled from
aerial photographs taken 1979 and other source data
This information not field checked. Map issued 1980
Purple tint indicates extension of urban areas