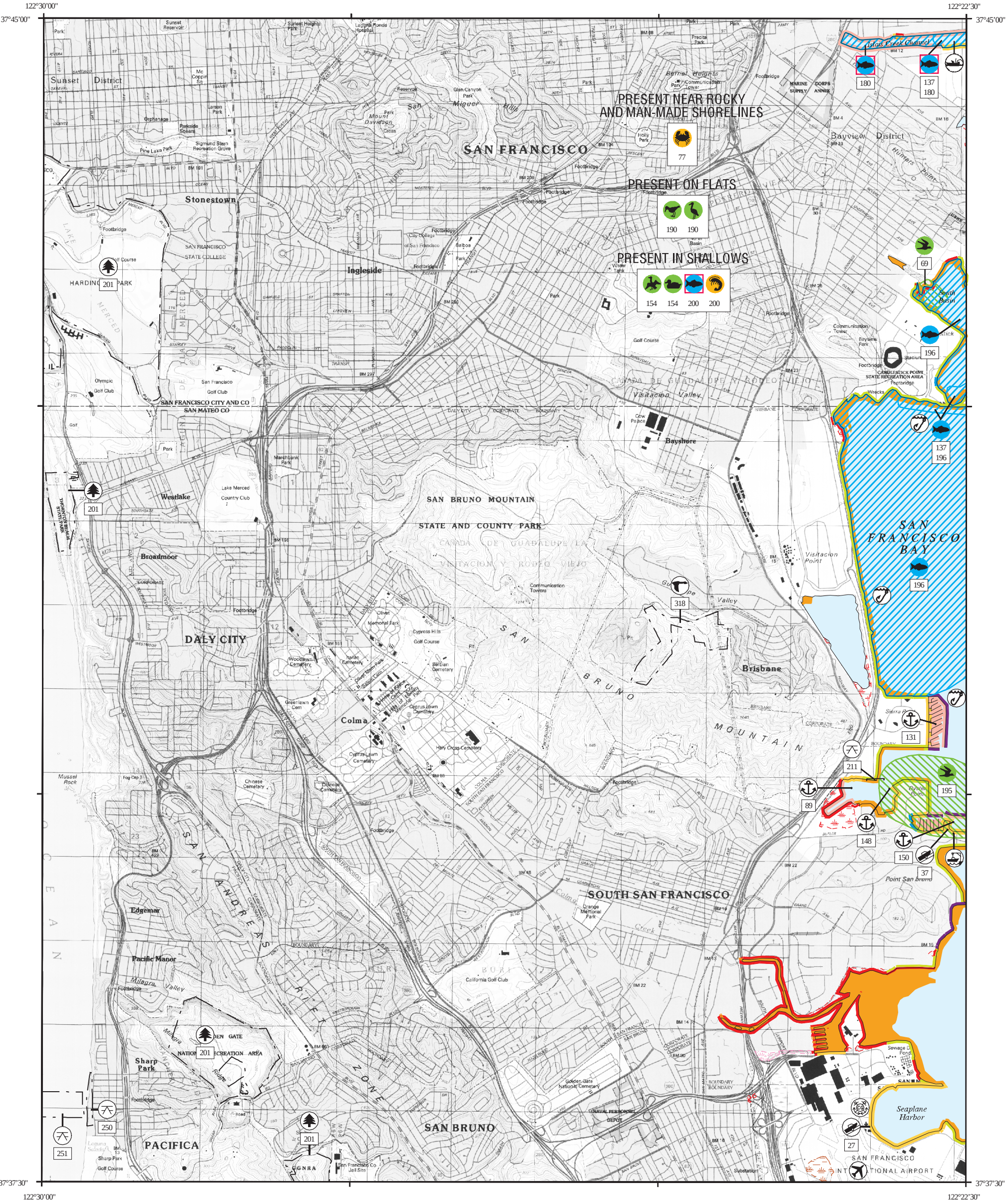


ENVIRONMENTAL SENSITIVITY INDEX MAP



SHORELINE HABITATS

1A EXPOSED ROCKY SHORES

1B EXPOSED, SOLID MAN - MADE STRUCTURES

2A EXPOSED WAVE - CUT PLATFORMS IN BEDROCK

3A FINE - TO MEDIUM - GRAINED SAND BEACHES

3B SCARPS AND STEEP SLOPES IN SAND

4 COARSE - GRAINED SAND BEACHES

5 MIXED SAND AND GRAVEL BEACHES

6A GRAVEL BEACHES

6B RIPRAP

7 EXPOSED TIDAL FLATS

8A SHELTERED ROCKY SHORES

8B SHELTERED, SOLID MAN - MADE STRUCTURES

8C SHELTERED RIPRAP

9A SHELTERED TIDAL FLATS

9B VEGETATED LOW RIVERINE BANKS

10A SALT - AND BRACKISH - WATER MARSHES

TIDAL MARSHES

MUTED TIDAL MARSHES

MANAGED MARSHES

DIKED MARSHES

SALT PONDS

N

W

E

S

SCALE 1:45000

1

.5

0

1 KILOMETER

1

.5

0

1 MILE

Not For Navigation

Published: December 1998

Published at Seattle, Washington

National Oceanic and Atmospheric Administration

National Ocean Service

Office of Response and Restoration

Hazardous Materials Response Division

1	2	3	4	5		
6	7	8	9	10	11	12
13	14	15				
	16	17	18			
	19	20	21			
		22	23	24		
			25	26	27	

SAN FRANCISCO SOUTH, CA. (1993) SF-19

SAN FRANCISCO BAY – ESIMAP 19

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Laying	Hatching	Fledging
69	Western gull			1	X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	APR-JUN	MAY-JUL	JUL-AUG
154	Canvasback			MEDIUM	X	X	X	X					X	X	X	-	-	-	-	
	Diving ducks			HIGH	X	X	X	X					X	X	X	-	-	-	-	
	Western grebe			HIGH	X	X	X	X	X				X	X	X	-	-	-	-	
190	Shorebirds			MEDIUM	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
	Wading birds			HIGH	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
195	Forster's tern			5		X	X	X	X	X	X					APR-AUG	APR-JUN	MAY-JUL	JUL-AUG	
	Western gull			1	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	APR-JUN	MAY-JUL	JUL-AUG	

FISH:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
137	Pacific herring			HIGH	X	X	X	X							X	X	NOV-MAR	NOV-APR	-	-	NOV-MAR
200	Bat ray			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	JUN-AUG	-	-	JAN-DEC	JAN-DEC
	Chinook salmon (fall)			MEDIUM	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Chinook salmon (late fall)			MEDIUM	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Chinook salmon (spring)			MEDIUM	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Chinook salmon (winter)	S/F	E/E	MEDIUM	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Leopard shark			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUN	-	-	JAN-DEC	JAN-DEC
180	Bat ray			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC
	Chinook salmon (fall)			MEDIUM	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Chinook salmon (late fall)			MEDIUM	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Chinook salmon (spring)			MEDIUM	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Chinook salmon (winter)	S/F	E/E	MEDIUM	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Leopard shark			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC
	White croaker			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	SEP-MAR	JAN-DEC	-
196	Starry flounder			MEDIUM	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC

INVERTEBRATE:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
77	Pacific rock crab			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Red rock crab			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
200	Blacktail bay shrimp			MEDIUM	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAR-SEP	MAR-OCT	JAN-NOV

HUMAN USE RESOURCES:

BOAT RAMP:

HUN#	Name																				
27	BOAT RAMP																				
37	OYSTER POINT MARINA																				

MARINA:

HUN#	Name																				
89	BRISBANE MARINA																				
131	MARINA																				
148	OYSTER COVE MARINA																				
150	OYSTER POINT MARINA																				

NATIONAL PARK:

HUN#	Name	Owner	Contact	Phone
201	GOLDEN GATE NATIONAL RECREATION AREA	NPS	DISPATCH	415-561-5505

STATE/REGIONAL PARK:

HUN#	Name	Owner	Contact	Phone
211	BRISBANE STATE FISHING PIER			
250	SHARP PARK STATE BEACH			
251	SHARP PARK STATE PUBLIC ACCESS			

WILDLIFE REFUGE/MGMT AREA:

HUN#	Name	Owner	Contact	Phone
318	SAN BRUNO MOUNTAIN STATE ECOLOGICAL RES.			