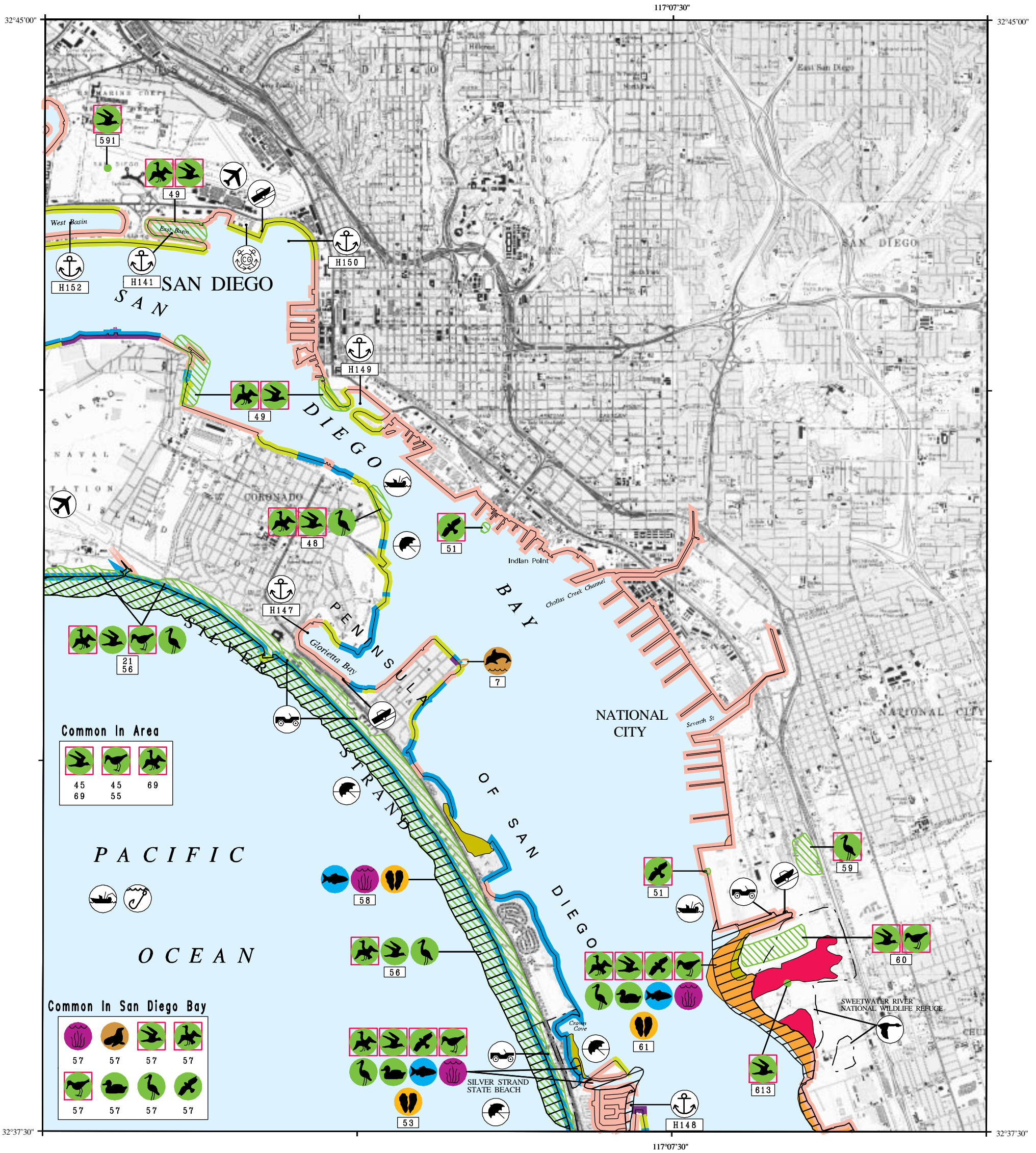


ENVIRONMENTAL SENSITIVITY INDEX MAP



Office of
OIL SPILL PREVENTION and RESPONSE
California Department of Fish and Game

Prepared for



HAZARDOUS MATERIALS RESPONSE
and ASSESSMENT DIVISION
National Oceanic and Atmospheric Administration



SCALE 1:48000



PUBLISHED: MARCH 1995

NATIONAL CITY, CALIF. (1975)
POINT LOMA, CALIF. (1975)

SC-2

Southern California - ESIMAP 2

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
21	Western snowy plover	F	T		X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	MAY-JUL	MAY-JUL	AUG-SEP
45	California least tern	F	E	HIGH				X	X	X	X	X	X			APR-SEP	MAY-JUL	MAY-JUL	AUG-SEP	
	Western snowy plover	F	T	LOW	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	MAY-JUL	MAY-JUL	AUG-SEP	
48	Brown pelican	F	E	HIGH	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
	California least tern	F	E					X	X	X	X	X	X			APR-SEP	MAY-JUL	MAY-JUL	AUG-SEP	
	Diving birds			HIGH	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
	Gulls			HIGH	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	-	-	-	-	
49	Brown pelican	F	E	HIGH	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
	California least tern	F	E					X	X	X	X	X	X			APR-SEP	MAY-JUL	MAY-JUL	AUG-SEP	
	Diving birds			HIGH	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
	Gulls			HIGH	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
51	Peregrine falcon	F	E	LOW	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
53	Brown pelican	F	E	HIGH	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
	California least tern	F	E	HIGH				X	X	X	X	X	X			APR-SEP	MAY-JUL	MAY-JUL	AUG-SEP	
	Diving birds			HIGH	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
	Gulls			HIGH	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
	Peregrine falcon	F	E	LOW	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
	Raptors			LOW	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
	Shorebirds			HIGH	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	-	-	-	-	
	Waterfowl			HIGH	X	X						X	X	X	X	-	-	-	-	
	Western snowy plover	F	T	HIGH	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	MAY-JUL	MAY-JUL	AUG-SEP	
55	Western snowy plover	F	T	HIGH	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	MAY-JUL	MAY-JUL	AUG-SEP	
56	Brown pelican	F	E	HIGH	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
	Diving birds			HIGH	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
	Gulls			HIGH	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	-	-	-	-	
57	Brown pelican	F	E	HIGH	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
	California least tern	F	E	HIGH				X	X	X	X	X	X			APR-SEP	MAY-JUL	MAY-JUL	AUG-SEP	
	Diving birds			HIGH	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
	Gulls			HIGH	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
	Raptors			MED	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
	Shorebirds			HIGH	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	-	-	-	-	
	Waterfowl			HIGH	X	X						X	X	X	X	-	-	-	-	
	Western snowy plover	F	T	HIGH	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	MAY-JUL	MAY-JUL	AUG-SEP	
59	Light-footed clapper rail	F	E	LOW	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
60	California least tern	F	E	HIGH				X	X	X	X	X	X			APR-SEP	MAY-JUL	MAY-JUL	AUG-SEP	
	Western snowy plover	F	T	HIGH	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	MAY-JUL	MAY-JUL	AUG-SEP	
61	Brown pelican	F	E	HIGH	X	X	X	X	X	X	X	X	X	X	X	FEB-NOV	FEB-JUL	MAR-AUG	JUN-NOV	
	California least tern	F	E	HIGH				X	X	X	X	X	X			APR-SEP	MAY-JUL	MAY-JUL	AUG-SEP	
	Diving birds			HIGH	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
	Gulls			HIGH	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
	Peregrine falcon	F	E	LOW	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
	Raptors			MED	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
	Shorebirds			HIGH	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	-	-	-	-	
	Waterfowl			HIGH	X	X						X	X	X	X	-	-	-	-	
	Western snowy plover	F	T	HIGH	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	MAY-JUL	MAY-JUL	AUG-SEP	
69	Brown pelican	F	E		X	X	X	X	X	X	X	X	X	X	X	FEB-NOV	FEB-JUL	MAR-AUG	JUN-NOV	
	Diving birds				X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
	Gulls				X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
591	California least tern	F	E	342				X	X	X	X	X	X			APR-SEP	MAY-JUL	MAY-JUL	AUG-SEP	
	Western gull			20	X	X	X	X	X	X	X	X	X	X	X	MAR-SEP	APR-JUN	MAY-JUL	JUL-SEP	
613	California least tern	F	E	26				X	X	X	X	X	X			APR-SEP	MAY-JUL	MAY-JUL	AUG-SEP	

FISH:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Outmig.	Larvae/Juv
53	California halibut			HIGH	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
58	California grunion			MED			X	X	X	X	X	X				FEB-SEP	-	-	
61	California halibut			HIGH	X	X	X	X	X	X	X	X	X	X	X	-	-	-	

M_MAMMAL:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Mating	Calving	Pupping	Molting
7	Bottlenose dolphin			LOW											X	X	-	-	-	-
57	California sea lion			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-

PLANT:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D
53	Eelgrass			HIGH	X	X	X	X	X	X	X	X	X	X	X	
57	Eelgrass			HIGH	X	X	X	X	X	X	X	X	X	X	X	
58	Giant kelp			HIGH	X	X	X	X	X	X	X	X	X	X	X	
61	Eelgrass			HIGH	X	X	X	X	X	X	X	X	X	X	X	

SHELLFISH:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Larvae
53	California jackknife clam			HIGH	X	X	X	X	X	X	X	X	X	X	X	-	-	
	Gaper clam			LOW	X	X	X	X	X	X	X	X	X	X	X	-	FEB-APR	
	Pacific razor clam			HIGH	X	X	X	X	X	X	X	X	X	X	X	-	-	
58	Pismo clam			LOW	X	X	X	X	X	X	X	X	X	X	X	-	JUN-SEP	
61	California jackknife clam			HIGH	X	X	X	X	X	X	X	X	X	X	X	-	-	
	Gaper clam			MED	X	X	X	X	X	X	X	X	X	X	X	-	FEB-APR	
	Pacific razor clam			HIGH	X	X	X	X	X	X	X	X	X	X	X	-	-	

=====

HUMAN USE RESOURCES:

MARINA:

RAR#	Name	Owner	Contact	Phone
H141	EAST BASIN MARINA			
H147	GLORIETTA BAY MARINA			619-435-5203
H148	CORONADA CAYS MARINA			619-557-5860
H149	MARINA			619-686-6340
H150	MARINA			619-291-3900
H152	MARINA			619-557-5860