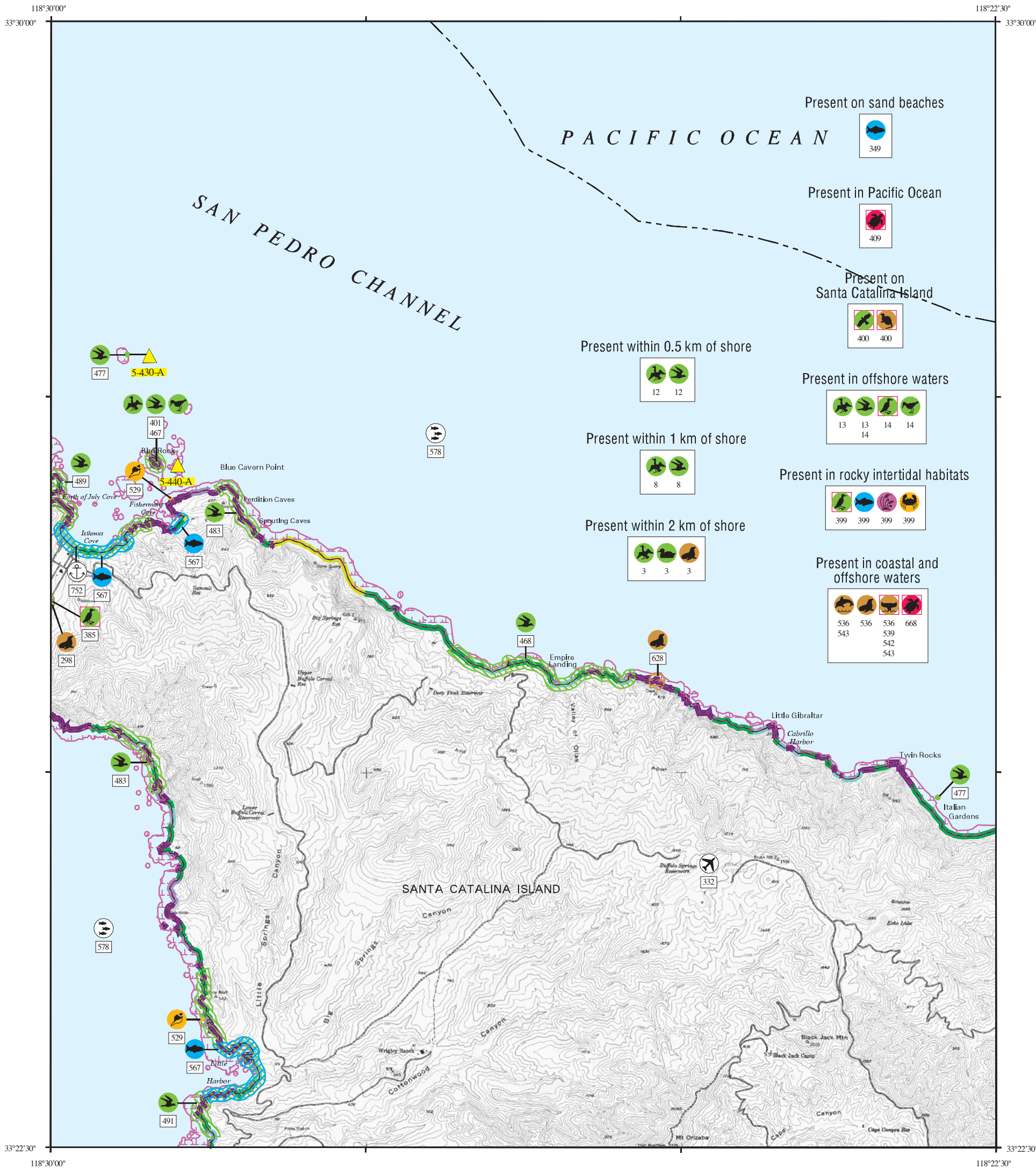
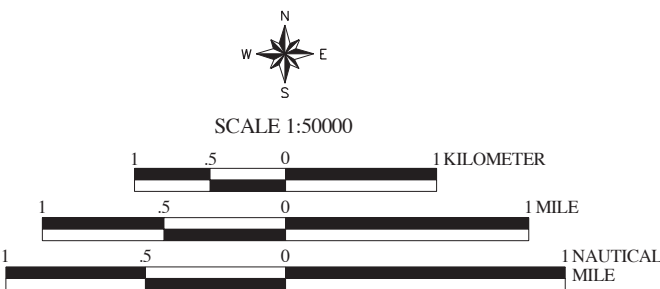


ENVIRONMENTAL SENSITIVITY INDEX MAP



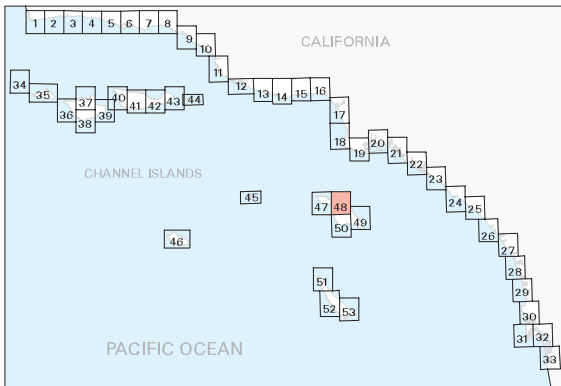
SHORELINE HABITATS (ESI)

- 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
- 6D BOULDER RUBBLE
- 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 BANKS
- 9C HYPERSALINE TIDAL FLATS
- 10A SALT-AND BRACKISH-WATER MARSHES
- 10B FRESHWATER MARSHES
- 10C SWAMPS
- 10D SCRUB-SHRUB WETLANDS



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National Ocean Service
Office of Response and Restoration
Emergency Response Division



Southern California: ESIMAP 48

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Nesting	Migrating	Molting
3	Surf scoter		X X X X X	X X X	-	-
	Western grebe		X X X X X	X X X	-	-
8	California gull		X X X X X	X X X X	-	-
	Double-crested cormorant		X X X X X X X X X X X X	-	-	-
	Heermann's gull		X X X X X X X X X X X	-	-	-
12	Common tern		X X X X X X	-	-	-
	Elegant tern		X X X X X X X	-	-	-
	Pacific loon		X X X X X X	X X X X	-	-
13	Brandt's cormorant		X X X X X	X X X X	-	-
	Brown pelican		X X X X X X X X	-	-	-
	Western gull		X X X X X X X X X X X X	-	-	-
14	Alcids		X X X X X	-	-	-
	Ashy storm-petrel	C	X X X X X X X X X X X X	-	-	-
	Black-legged kittiwake		X X X X X	X X	-	-
	Black-vented shearwater		X X X	X X X X	-	-
	Bonaparte's gull		X X X X X	X X X X	-	-
	Brown booby		X X X X X X X X X X X X	-	-	-
	Cassin's auklet	C	X X X X X X X X X X	-	-	-
	Common tern		X X X X X X X	-	-	-
	Jaegers		X X X X X X X X X X X	-	-	-
	Pink-footed shearwater		X X X X	-	-	-
	Red phalarope		X X X X X X	-	-	-
	Red-necked phalarope		X X X X X X X	-	-	-
	Rhinoceros auklet		X X X X X	X X X X	-	-
	Sooty shearwater		X X X X X	-	-	-
	Xantus's murrelet	T	X X X X X X X X X X X X	MAR-JAN	-	-
385	Xantus's murrelet	T 25-75	X X X X X X X X X X X X	MAR-JAN	-	-
399	Ashy storm-petrel	C 0-52	X X X X X X X X X X X X	JAN-SEP	-	-
400	Bald eagle	E 6 PAIRS	X X X X X X X X X X X X	FEB-JUN	-	-
	Osprey		X X X X X	X X X X X	-	-
	Peregrine falcon		X X X X	X X X X	-	-
401	Brown pelican		X X X X X	-	-	-
	Cormorants		X X X X X X X X X X X X	-	-	-
467	Black oystercatcher	2	X X X X X X X X X X X X	MAR-SEP	-	-
	Western gull	50	X X X X X X X X X X X X	FEB-SEP	-	-
468	Western gull	4	X X X X X X X X X X X X	FEB-SEP	-	-
477	Western gull	2	X X X X X X X X X X X X	FEB-SEP	-	-
483	Western gull	6	X X X X X X X X X X X X	FEB-SEP	-	-
489	Western gull	18	X X X X X X X X X X X X	FEB-SEP	-	-
491	Western gull	10	X X X X X X X X X X X X	FEB-SEP	-	-

FISH:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Spawning	Eggs	Larvae	Juveniles	Adults
349	California grunion	POSSIBLE RUNS	X X X X X X X X X X X X	MAR-AUG	MAR-SEP	MAR-SEP	MAR-SEP	JAN-DEC
399	Rocky intertidal fish		X X X X X X X X X X X X	-	-	-	-	-
567	California grunion	CONSISTENT RUNS	X X X X X X X X X X X X	MAR-AUG	MAR-SEP	MAR-SEP	MAR-SEP	JAN-DEC

HABITAT:

RAR#	Species	S F Conc.	J F M A M J J A S O N D
399	Rocky intertidal plants		X X X X X X X X X X X X

INVERTEBRATE:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Spawning	Eggs	Larvae	Juveniles	Adults
399	Rocky intertidal invertebrates		X X X X X X X X X X X X	-	-	-	-	-
529	Abalone		X X X X X X X X X X X X	-	-	-	-	-

MARINE MAMMAL:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Mating	Calving	Pupping	Molting
3	Pacific harbor seal	PRIMARY	X X X X X X X X X X X X	-	-	-	-
298	Pacific harbor seal		X X X X X X X X X X X X	-	-	-	MAY-JUL
536	Bottlenose dolphin	PRIMARY	X X X X X X X X X X X X	-	-	-	-
	California sea lion	PRIMARY	X X X X X X X X X X X X	-	-	-	AUG-SEP
	Dall's porpoise	PRIMARY	X X X X X	X	-	-	-
	Dall's porpoise	SECONDARY	X X X X X X	-	-	-	-
	Killer whale	PRIMARY	X X X X X X X X X X X X	-	-	-	-
	Minke whale	PRIMARY	X X X X X X X X X X X X	-	-	-	-
	Northern right-whale dolphin	PRIMARY	X X X X X	X	-	-	-
	Northern right-whale dolphin	SECONDARY	X X X X X X	-	-	-	-
	Pacific white-sided dolphin	PRIMARY	X X X X X	X	-	-	-
	Pacific white-sided dolphin	SECONDARY	X X X X X X	-	-	-	-
	Risso's dolphin	PRIMARY	X X X X X X X X X X X X	-	-	-	-
	Short-beaked common dolphin	PRIMARY	X X X X X X X X X X X X	-	-	-	-
	Short-finned pilot whale	RARE	X X X X X X X X X X X X	-	-	-	-
	Striped dolphin	RARE	X X X X X X X X X X X X	-	-	-	-
539	Baird's beaked whale	SECONDARY	X X X X X X X X X X X X	-	-	-	-
	Cuvier's beaked whale	SECONDARY	X X X X X X X X X X X X	-	-	-	-
	Mesoplodont beaked whales	SECONDARY	X X X X X X X X X X X X	-	-	-	-
	Sperm whale	E SECONDARY	X X X X X X X X X X X X	-	-	-	-
542	Blue whale	E PRIMARY	X X X	-	-	-	-
	Blue whale	E RARE	X X X	X	-	-	-
	Blue whale	E SECONDARY	X	X X X X	-	-	-
	Bryde's whale	RARE	X X X X X X X X X X X X	-	-	-	-
	Fin whale	E RARE	X X X X X X X X X X X X	-	-	-	-
	Humpback whale	E RARE	X X X X X X X X X X X X	-	-	-	-
	North Pacific right whale	E RARE	X X X X X X X X X X X X	-	-	-	-
543	Gray whale	PRIMARY	X X X X	-	-	-	-
	Gray whale	RARE	X X X X X	-	-	-	-
	Gray whale	SECONDARY	X	X X	-	-	-
	Long-beaked common dolphin	PRIMARY	X X X X X X X X X X X X	-	-	-	-
628	California sea lion	1 INDIV.	X X X X X X X X X X X X	-	-	-	AUG-SEP

REPTILE:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Nesting	Hatching	Internesting	Juveniles	Adults
409	Loggerhead sea turtle	T RARE	X X X X X X X X X X X X	-	-	-	-	-
668	Leatherback sea turtle	E SECONDARY	X X X X X	-	-	-	-	MAR-JUL

TERRESTRIAL MAMMAL:

RAR#	Species	S F Conc.	J F M A M J J A S O N D
400	Santa Catalina island fox	T E	X X X X X X X X X X X X

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Southern California: ESIMAP 48 (cont.)

HUMAN USE RESOURCES:

ACP SENSITIVE SITES:

ACP SITE#	Name	Contact
5-430-A	Ship Rock - Catalina Island	CDF&G OSPR
5-440-A	Bird Rock - Catalina Island	CDF&G OSPR

AIRPORT:

HUN#	Name	Contact	Phone
332	CATALINA		

FISHERY AREA:

HUN#	Name	J	F	M	A	M	J	J	A	S	O	N	D
578	Barred sand bass	X	X	X	X	X	X	X	X	X	X	X	X
	California halibut	X	X	X	X	X	X	X	X	X	X	X	X
	California market squid	X	X	X	X	X	X	X	X	X	X	X	X
	California scorpionfish	X	X	X	X	X	X	X	X	X	X	X	X
	California sheephead		X	X	X	X	X	X	X	X	X	X	X
	California spiny lobster	X	X	X					X	X	X	X	
	Dover sole	X	X	X	X	X	X	X	X	X	X	X	X
	Kelp bass	X	X	X	X	X	X	X	X	X	X	X	X
	Lingcod				X	X	X	X	X	X	X	X	
	Northern anchovy	X	X	X	X	X	X	X	X	X	X	X	X
	Ocean whitefish		X	X	X	X	X	X	X	X	X	X	X
	Pacific bonito	X	X	X	X	X	X	X	X	X	X	X	X
	Pacific chub mackerel	X	X	X	X	X	X	X	X	X	X	X	X
	Pacific sanddab	X	X	X	X	X	X	X	X	X	X	X	X
	Pacific sardine	X	X	X	X	X	X	X	X	X	X	X	X
	Rock crabs	X	X	X	X	X	X	X	X	X	X	X	X
	Rockfish		X	X	X	X	X	X	X	X	X	X	X
	Sablefish	X	X	X	X	X	X	X	X	X	X	X	X
	Sea cucumbers	X	X	X	X	X	X	X	X	X	X	X	X
	Sea urchins	X	X	X	X	X	X	X	X	X	X	X	X
	Shark	X	X	X	X	X	X	X	X	X	X	X	X
	Spot prawn		X	X	X	X	X	X	X	X	X	X	
	Surfperch	X	X	X	X	X	X	X	X	X	X	X	X
	Swordfish	X	X	X	X	X	X	X	X	X	X	X	X
	Thornyhead spp.	X	X	X	X	X	X	X	X	X	X	X	X
	Tuna	X	X	X	X	X	X	X	X	X	X	X	X
	Warty sea cucumber	X	X	X	X	X	X	X	X	X	X	X	X
	White seabass	X	X	X	X	X	X	X	X	X	X	X	X
	Yellowtail	X	X	X	X	X	X	X	X	X	X	X	X

MARINA:

HUN#	Name	Contact	Phone
752	TWO HBRS (CATALINA HBR& ISTHMUS CV)	SANTA CATALINA ISLAND COMPANY	310/510-2683