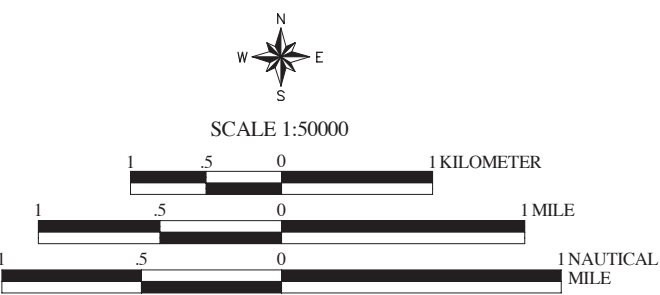


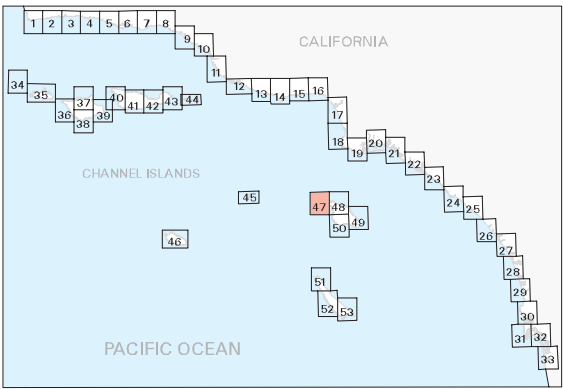
ENVIRONMENTAL SENSITIVITY INDEX MAP



- 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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Emergency Response Division



Southern California: ESIMAP 47

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	-	-	-
	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	X	-	-	-
12	Common tern								X	X	X	X	X	X	X	X	-	-	-
	Elegant tern								X	X	X	X	X	X	X	X	-	-	-
	Pacific loon				X	X	X	X	X				X	X	X	X	-	-	-
13	Brandt's cormorant				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					-	-	-
	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	X	X	-	-	-
	Common tern								X	X	X	X	X	X	X	X	-	-	-
	Jaegers				X	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	-	-
398	Brown pelican								X	X	X	X	X				-	-	-
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	-	-	-
	Peregrine falcon				X	X	X	X					X	X	X	X	-	-	-
477	Western gull		2		X	X	X	X	X	X	X	X	X	X	X	X	FEB-SEP	-	-
488	Western gull		12		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	-	-
490	Western gull		8		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
398	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			-	-	-	-
	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			-	-	-	-
	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										-	-	-	-
	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	-	-	-	-
625	California sea lion			15 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	AUG-SEP
626	California sea lion			2 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	AUG-SEP
627	Pacific harbor seal			3-10 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	MAY-JUL
632	Pacific harbor seal			11-27 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	MAY-JUL

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 47 (cont.)

HUMAN USE RESOURCES:

ACP SENSITIVE SITES:

ACP SITE#	Name	Contact
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5-410-A/B	Arrow Point - Catalina Island	CDF&G OSPR
5-420-A/B	Catalina Island Harbor - Catalina Island	CDF&G OSPR

FISHERY AREA:

HUN#	Name	J	F	M	A	M	J	J	A	S	O	N	D
----	-----	-	-	-	-	-	-	-	-	-	-	-	-
537	Barred sand bass	X	X	X	X	X	X	X	X	X	X	X	X
	Cabazon		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	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 angel shark	X	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
	Sheep crab	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