

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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SACATE, CALIF. (1953) ESI-2

Southern California: ESIMAP 2

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Nesting	Migrating	Molting
1	Common loon		X X X X X	-	-	-
	Elegant tern		X X X X X X X X X	-	-	-
	Forster's tern		X X X X X X X X X X X	-	-	-
	Least tern		X X X X X X X X	-	-	-
	Pacific loon		X X X X X X	-	-	-
	Red-breasted merganser		X X X X	-	-	-
	Red-throated loon		X X X X	-	-	-
	Ring-billed gull		X X X X X	-	-	-
2	California gull		X X X X X	-	-	-
	Caspian tern		X X X X X X X X X X X	-	-	-
	Double-crested cormorant		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	-	-	-
3	Surf scoter		X X X X X	-	-	-
	Western grebe		X X X X X	-	-	-
4	Bonaparte's gull		X X X X X	-	-	-
	Brandt's cormorant		X X X X X	-	-	-
	Brown pelican		X X X X X X X X X	-	-	-
	Western gull		X X X X X X X X X X X	-	-	-
11	Ashy storm-petrel	C	X X X X X X X X X X X	-	-	-
	Black-legged kittiwake		X X X X X	-	-	-
	Black-vented shearwater		X X X	-	-	-
	Cassin's auklet	C	X X X X X X X X X X	-	-	-
	Northern fulmar		X X	-	-	-
	Pink-footed shearwater		X X X X	-	-	-
	Red phalarope		X X X X X	-	-	-
	Red-necked phalarope		X X X X X X X	-	-	-
	Rhinoceros auklet		X X X X X	-	-	-
	Sooty shearwater		X X X X X	-	-	-
	Western gull		X X X X X X X X X X X	-	-	-
	Xantus's murrelet	T	X X X	-	-	-
23	Brown pelican	4-153 BIRDS	X X X X	-	-	-
25	Peregrine falcon		X X X X	-	-	-
129	Western snowy plover	C T	X X X X X X X X X X	-	-	-
130	Bald eagle	E	X X X X X X X X X X X	-	-	-
	Osprey		X X X X X	-	-	-
	Shorebirds		X X X X X X X X X X X	-	-	-
	Waterfowl		X X X X X	-	-	-
132	Brown pelican	1-77 BIRDS	X X X X X	-	-	-
133	Brown pelican	1-194 BIRDS	X X X X X	-	-	-
134	Bald eagle	E	X X X X X X X X X X X	-	-	-
	Gulls		X X X X X X X X X X X	-	-	-
	Osprey		X X X X X	-	-	-
	Shorebirds		X X X X X X X X X X X	-	-	-
	Terns		X X X X X X X X X X X	-	-	-
	Western snowy plover	C T	X X X X X X X X X X X	-	-	-

FISH:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Spawning	Eggs	Larvae	Juveniles	Adults
21	Tidewater goby	C E	X X X X X X X X X X X	APR-JUN	-	-	-	-
22	Rocky intertidal fish		X X X X X X X X X X X	-	-	-	-	-
28	Steelhead	C E	X X X X X X X X X X X	DEC-APR	JAN-MAY	-	JAN-DEC	DEC-APR
	Tidewater goby	C E	X X X X X X X X X X X	APR-JUN	-	-	-	-

HABITAT:

RAR#	Species	S F Conc.	J F M A M J J A S O N D
22	Rocky intertidal plants		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
22	Black abalone	E POTENTIAL	X X X X X X X X X X X	-	-	-	-	-
	Rocky intertidal invertebrates		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	-	-	-	-
534	Bottlenose dolphin	PRIMARY	X X X X X X X X X X X	-	-	-	-
535	Bottlenose dolphin	SECONDARY	X X X X X X X X X X X	-	-	-	-
536	Bottlenose dolphin	PRIMARY	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	-	-	-	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	-	-	-	-
	Minke whale	PRIMARY	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	-	-	-	-
	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	-	-	-	-
	Short-beaked common dolphin	PRIMARY	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	-	-	-	-
	Striped dolphin	RARE	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	-	-	-	-
	Cuvier's beaked whale	SECONDARY	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	-	-	-	-
	Sperm whale	E SECONDARY	X X X X X X X X X X X	-	-	-	-
541	Blue whale	E PRIMARY	X X X X X X X X X	-	-	-	-
	Blue whale	E RARE	X X X	-	-	-	-
	Bryde's whale	RARE	X X X X X X X X X	-	-	-	-
	Fin whale	E PRIMARY	X X X X X X X X X	-	-	-	-
	Fin whale	E SECONDARY	X X X	-	-	-	-
	Humpback whale	E PRIMARY	X X X X X X X X X	-	-	-	-
	Humpback whale	E SECONDARY	X X X	-	-	-	-
	North Pacific right whale	E RARE	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	-	-	-	-
	Long-beaked common dolphin	PRIMARY	X X X X X X X X X X X	-	-	-	-
669	Sea otter	T	X X X X X	-	-	-	-

REPTILE:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Nesting	Hatching	Interesting	Juveniles	Adults
27	California red-legged frog	C T PROBABLE	X X X X X X X X X X X	JAN-MAY	-	-	-	-
	Southwestern pond turtle	C PROBABLE	X X X X X X X X X X X	-	-	-	-	-
130	California red-legged frog	C T PROBABLE	X X X X X X X X X X X	JAN-MAY	-	-	-	-
	Southwestern pond turtle	C PROBABLE	X X X X X X X X X X X	-	-	-	-	-

Biological information shown on the maps represents known concentration areas or occurrences, but does not necessarily represent the full distribution or range of each species. This is particularly important to recognize when considering potential impacts to protected species.

Southern California: ESIMAP 2 (cont.)

BIOLOGICAL RESOURCES: (cont.)

REPTILE: (cont.)

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Nesting	Hatching	Interesting	Juveniles	Adults
131	California red-legged frog	C T	X X X X X X X X X X X X	JAN-MAY	-	-	-	-
	Southwestern pond turtle	C	X X X X X X X X X X X X	-	-	-	-	-
134	California red-legged frog	C T PROBABLE	X X X X X X X X X X X X	JAN-MAY	-	-	-	-
	Southwestern pond turtle	C PROBABLE	X X X X X X X X X X X X	-	-	-	-	-
667	Leatherback sea turtle	E PRIMARY	X X X X X	-	-	-	-	MAR-JUL

HUMAN USE RESOURCES:

ACP SENSITIVE SITES:

ACP SITE#	Name	Contact
4-572-B	San Augustine Creek	CDF&G OSPR
4-575-A	Arroyo El Bulito	CDF&G OSPR
4-580-A	Canada de Santa Anita (creek)	CDF&G OSPR
4-585-A	Canada de Alegria	CDF&G OSPR
4-590-A	Canada del Agua Caliente	CDF&G OSPR

ACCESS:

HUN#	Name	Contact	Phone
124	SB-H-2051 SAN AUGUSTINE BEACH ACCESS	HOLLISTER RANCH GATE	805/567-5016
125	SB-H-2061 EL BULITO ACCESS	HOLLISTER RANCH GATE	805/567-5016
126	SB-H-3011 CANADA DE SANTA ANITA	HOLLISTER RANCH GATE	805/567-5016
127	SB-H-4011 SACATE BEACH ACCESS	HOLLISTER RANCH GATE	805/567-5016
128	SB-H-5011 CANADA DE ALEGRIA	HOLLISTER RANCH GATE	805/567-5016
129	SB-H-6011 CANADA DEL AGUA CALIENTE	HOLLISTER RANCH GATE	805/567-5016

CRITICAL HABITAT:

HUN#	Name	Contact	Phone
399	CRITICAL HABITAT: STEELHEAD	NATIONAL MARINE FISHERIES SERVICE	562/980-4000

FISHERY AREA:

HUN#	Name	J F M A M J J A S O N D
435	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
	California spiny lobster	X X X 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
	Ocean whitefish	X 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 sanddab	X X X X X X X X X X X X
	Ridgeback prawn	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 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
	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
	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
436	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 sea cucumber	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 X
	California spiny lobster	X X X X X X X X X X
	Dover sole	X X X X X X X X X X X X
	Flatfish	X X X X X X X X X X X X
	Lingcod	X X X X X X X X
	Ocean whitefish	X 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 sanddab	X X X X X X X X X X X X
	Ridgeback prawn	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 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
	Surfperch	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
	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