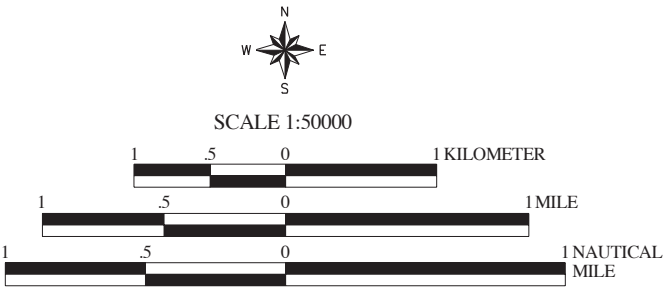


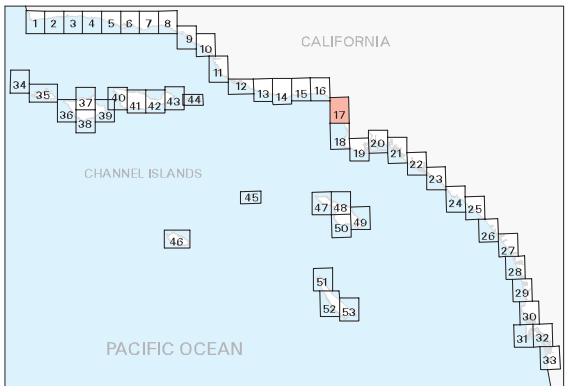
ENVIRONMENTAL SENSITIVITY INDEX MAP



- 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



Not For Navigation
Published: January 2010
Published at Seattle, Washington
National Oceanic and Atmospheric Administration
National Ocean Service
Office of Response and Restoration
Emergency Response Division



Southern California: ESIMAP 17

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Migrating	Molting
2	California gull		X	X	X	X	X				X	X	X	X	-	-	-
	Caspian tern		X	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	X	-	-	-
	Heermann's gull		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
3	Surf scoter		X	X	X	X						X	X	X	-	-	-
	Western grebe		X	X	X	X						X	X	X	-	-	-
5	Brant	C	X	X	X	X	X					X	X		-	-	-
	Elegant tern						X	X	X	X	X	X	X	X	-	-	-
	Forster's tern		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Least tern			X	X	X	X	X	X	X	X	X	X		-	-	-
	Pacific loon		X	X	X	X	X				X	X	X	X	-	-	-
	Red-throated loon		X	X	X	X						X	X		-	-	-
	Ring-billed gull		X	X	X	X				X	X	X	X		-	-	-
	Royal tern		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
6	Brandt's cormorant		X	X	X	X				X	X	X	X		-	-	-
	Brown pelican		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Western gull		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
25	Peregrine falcon		X	X	X	X					X	X	X	X	-	-	-
90	Brown pelican	0-635 BIRDS			X	X	X	X	X	X	X	X	X		-	-	-
94	American kestrel		X	X	X	X	X	X	X	X	X	X	X	X	MAY-SEP	-	-
	Bald eagle	E	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Black oystercatcher		X	X	X	X	X	X	X	X	X	X	X	X	MAR-SEP	-	-
	Black-crowned night-heron		X	X	X	X				X	X	X	X	X	-	-	-
	Black-necked stilt		X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	-	-
	Burrowing owl	C	X	X	X								X		-	-	-
	California least tern	E E				X	X	X	X	X	X				-	-	-
	Cormorants		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Dabbling ducks		X	X	X	X					X	X	X		-	-	-
	Diving ducks		X	X	X	X					X	X	X		-	-	-
	Great blue heron		X	X	X	X	X	X	X	X	X	X	X	X	FEB- JUL	-	-
	Grebes		X	X	X	X					X	X	X		-	-	-
	Green heron		X	X	X	X	X	X	X	X	X	X	X	X	FEB- JUL	-	-
	Gulls		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Killdeer		X	X	X	X	X	X	X	X	X	X	X	X	MAR-SEP	-	-
	Loons		X	X	X	X					X	X	X	X	-	-	-
	Mallard		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Northern harrier	C	X	X	X					X	X	X	X		-	-	-
	Osprey		X	X	X	X				X	X	X	X	X	-	-	-
	Pied-billed grebe		X	X	X	X	X	X	X	X	X	X	X	X	FEB-SEP	-	-
	Raptors		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Red-tailed hawk		X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	-	-
	Ruddy duck		X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	-	-
	Sea ducks		X	X	X	X					X	X	X		-	-	-
	Shorebirds		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Short-eared owl		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Sora		X	X	X	X				X	X	X	X		-	-	-
	Terns		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Virginia rail		X	X	X	X				X	X	X	X	X	-	-	-
	White-tailed kite		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
95	Western snowy plover	C T 0-3 BIRDS	X	X	X	X				X	X	X	X	X	-	-	-
97	Western snowy plover	C T 0-2 BIRDS		X	X	X	X	X	X	X					MAR-SEP	-	-
	Western snowy plover	C T 5-34 BIRDS	X	X							X	X	X		-	-	-
98	Western snowy plover	C T 9 BIRDS	X	X	X	X				X	X	X	X	X	-	-	-
99	Western snowy plover	C T 0-15 BIRDS	X	X	X	X				X	X	X	X	X	-	-	-
100	Osprey		X	X	X	X				X	X	X	X	X	-	-	-
101	Brandt's cormorant		X	X	X	X				X	X	X	X		-	-	-
	Brown pelican	160-1642 BIRDS					X	X	X	X	X				-	-	-
	Double-crested cormorant		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Pelagic cormorant		X	X	X	X				X	X	X	X		-	-	-
102	Shorebirds	HIGH		X	X	X				X	X	X			-	-	-
103	Black-bellied plover		X	X	X	X				X	X	X	X	X	-	-	-
	Gulls		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Long-billed curlew		X	X	X	X				X	X	X	X	X	-	-	-
	Sanderling		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Whimbrel		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Willet		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
104	Western snowy plover	C T 0-20 BIRDS	X	X	X	X				X	X	X	X	X	-	-	-
105	Shorebirds		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Waterfowl		X	X	X	X				X	X	X	X		-	-	-
106	Great blue heron		X	X	X	X	X	X	X	X	X	X	X	X	FEB- JUL	-	-
107	California least tern	E E 600-1000 BIRDS		X	X	X	X	X	X	X					APR-SEP	-	-
109	Western snowy plover	C T 28-41 BIRDS	X	X	X	X				X	X	X	X	X	-	-	-
492	Black oystercatcher	2	X	X	X	X	X	X	X	X	X	X	X	X	MAR-SEP	-	-
547	Belding's savannah sparrow	E	X	X	X	X	X	X	X	X	X	X	X	X	MAR-MAY	-	-

FISH:

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
22	Rocky intertidal fish		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
315	California grunion	OCCASIONAL RUNS	X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	MAR-SEP	MAR-SEP	MAR-SEP	JAN-DEC
560	California grunion	FREQUENT LARGE RUNS	X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	MAR-SEP	MAR-SEP	MAR-SEP	JAN-DEC
564	California grunion	FREQUENT 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
22	Rocky intertidal plants		X	X	X	X	X	X	X	X	X	X	X	X
108	Beach morning glory		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
22	Black abalone	E POTENTIAL	X	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	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	-	-	-	-
534	Bottlenose dolphin	PRIMARY	X	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	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	X		-	-	-	-
	Pacific white-sided dolphin	PRIMARY	X	X	X	X						X			-	-	-	-
	Pacific white-sided dolphin	SECONDARY					X	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	-	-	-	-

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 17 (cont.)

BIOLOGICAL RESOURCES: (cont.)

MARINE MAMMAL: (cont.)

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Mating	Calving	Pupping	Molting
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 X X X X X X X X X	-	-	-	-
	Blue whale	E RARE	X X X X X X X X X X X X	-	-	-	-
	Blue whale	E SECONDARY	X X X X X X X 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 X X X X X X X X	-	-	-	-
	Gray whale	RARE	X X X X X X X X X X X X	-	-	-	-
	Gray whale	SECONDARY	X X X X X X X X X X X X	-	-	-	-
	Long-beaked common dolphin	PRIMARY	X X X X X X X 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
85	Green sea turtle	T	X X X X X X X X X X X X	-	-	-	-	-
409	Loggerhead sea turtle	T RARE	X X X X X X X X X X X X	-	-	-	-	-
667	Leatherback sea turtle	E PRIMARY	X X X X X X X X X X X X	-	-	-	-	MAR - JUL

HUMAN USE RESOURCES:

ACP SENSITIVE SITES:

ACP SITE#	Name	Contact
5-120-A/C	Venice Beach	CDF&G OSPR
5-130-A/C	Marina Del Rey Breakwater	CDF&G OSPR
5-140-A/B	Ballona Creek	CDF&G OSPR
5-150-A	Ballona Lagoon Wetlands, Del Rey Lagoon	CDF&G OSPR

ACCESS:

HUN#	Name	Contact	Phone
26	LA-D-1345 SANTA MONICA PIER NORTH		818/880-0363
27	LA-D-1350 SANTA MONICA PIER SOUTH		818/880-0363
28	LA-D-1355 BAY PARK		818/880-0363
29	LA-D-1360 SOUTH BEACH PARK		818/880-0363
30	LA-D-1370 ROSE AVE.		310/827-4873
31	LA-D-1375 VENICE BLVD.		310/827-4873
32	LA-D-1380 WASHINGTON BLVD.		310/827-4873
33	LA-D-1385 VIA MARINA		310/827-4873
34	LA-E-1410 62ND AVE.		
35	LA-E-1420 DOCKWEILER STATE BEACH		310/543-1967
36	LA-E-1425 GRAND AVE.		310/543-1967
37	LA-E-1440 36TH STREET		310/543-1967
38	LA-E-1445 26TH STREET		310/543-1967
39	LA-E-1450 MANHATTAN BEACH PIER		310/543-1967
40	LA-E-1460 35TH STREET		310/543-1967

AIRPORT:

HUN#	Name	Contact	Phone
335	LOS ANGELES INTERNAT'L		310/646-5252
345	SANTA MONICA MUNICIPAL		310/458-8591

BOAT RAMP:

HUN#	Name	Contact	Phone
374	MARINA DEL REY		310/305-9555
376	MOTHER'S BEACH		310/305-9555

CRITICAL HABITAT:

HUN#	Name	Contact	Phone
400	CRITICAL HABITAT: WESTERN SNOWY PLOVER	U.S. FISH AND WILDLIFE SERVICE	760/431-9440

FISHERY AREA:

HUN#	Name	J F M A M J J A S O N D
402	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 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 X
	California spiny lobster	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
	Kelp bass	X X X X X X X X X X X X
	Lingcod	X X X 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 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 sardine	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
	Spot prawn	X X X X X X X X X X X X
	Surfperch	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
525	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 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 X X
	Kelp bass	X X X X X X X X X X X X
	Northern anchovy	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 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
	Sea urchins	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

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 17 (cont.)

HUMAN USE RESOURCES: (cont.)

MANAGEMENT AREA:

HUN#	Name	Contact	Phone
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596	BALLONA WETLANDS ER		858/467-4201

MARINA:

HUN#	Name	Contact	Phone
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651	BAR HARBOR ANCHORAGE	ENS RING CORP	310/823-4689
652	BAY CLUB APARTMENTS AND MARINA	LOSAL INVESTMENT	310/821-8881
656	BELPORT MARINA	DICK STEVENSON	310/822-6800
657	BOAT YACHT	THE CORE GROUP	310/823-8964
662	CALIFORNIA YACHT CLUB	HATHAWAY FAMILY	310/823-4567
686	DEL REY YACHT CLUB	CLUB MEMBERS	310/823-4664
687	DOLPHIN MARINA	G AND K MGT	310/578-0566
700	HOLIDAY HARBOR-MARINA DEL REY	G AND K MGT	310/578-0566
713	MARINA CITY CLUB MARINA	J.H. SYNDER	310/822-0611
715	MARINA DEL REY GUEST DOCKS-BCP	LA CO DEPT OF BEACHES AND HARBORS	310/305-9595
716	MARINA DEL REY HOTEL MARINA	AL ANWA	310/301-1000
718	MARINERS BAY	UNIVERSAL PROPERTIES	310/822-2001
721	NEPTUNE MARINA	N/A	310/823-4555
729	PANAY WAY MARINA	G AND K MGT	310/578-0566
732	PIER 44	PACIFIC MARINA VENTURE	310/823-4593
740	SANTA MONICA YC MARINA	CLUB MEMBERS	310/827-7692
751	TAHITI MARINA & APARTMENTS	HAKIM FAMILY	310/823-4504
760	VILLA DEL MAR	VILLA DEL MAR PROPERTIES LTD	310/823-4644

NATIONAL PARK:

HUN#	Name	Contact	Phone
----	-----	-----	-----
767	SANTA MONICA MOUNTAINS NRA	NATIONAL PARK SERVICE	805/370-2301

PARK:

HUN#	Name	Contact	Phone
----	-----	-----	-----
784	DOCKWEILER SB		310/543-1967
793	KENNETH HAHN SRA		323/298-3660
802	MANHATTAN SB		310/543-1967
818	SANTA MONICA SB		818/880-0363

WATER INTAKE:

HUN#	Name	Contact	Phone
----	-----	-----	-----
870	EL SEGUNDO GENERATING STATION	EL SEGUNDO POWER LLC	
879	SCATTERGOOD GENERATING STATION	LOS ANGELES CITY DWP	
892	WATER INTAKE - LADWP		