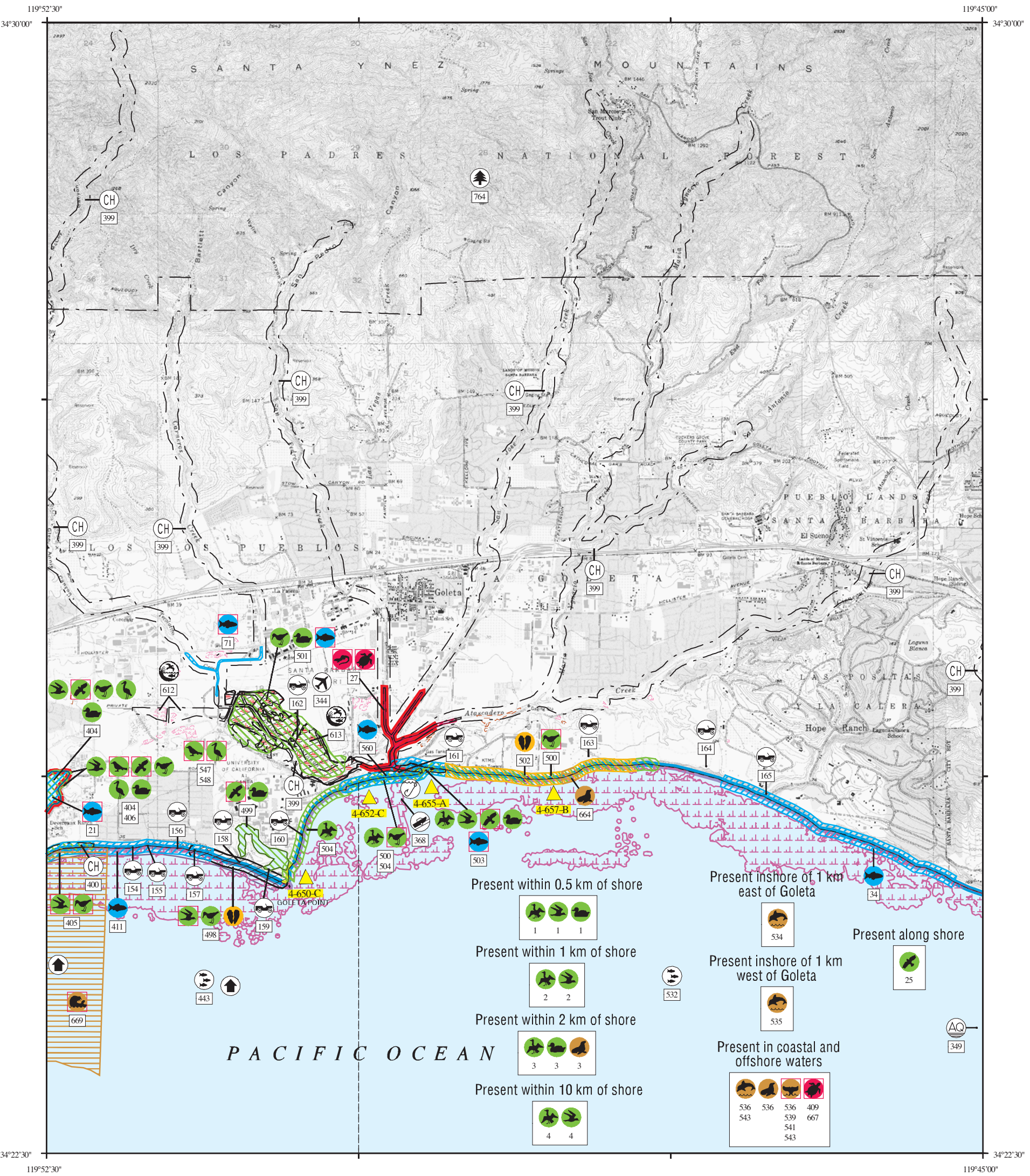
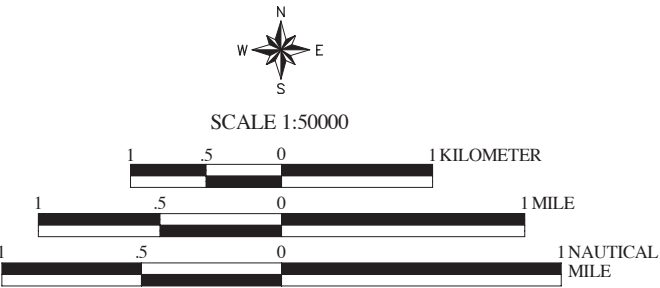


ENVIRONMENTAL SENSITIVITY INDEX MAP

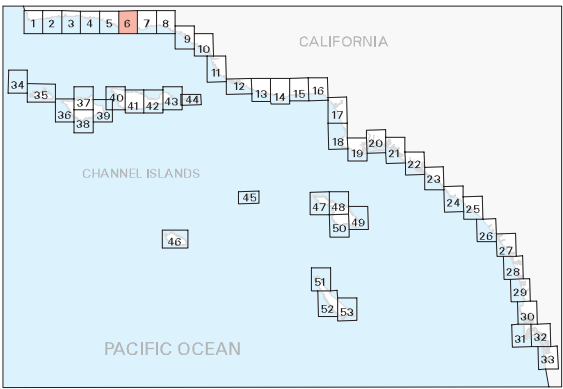


SHORELINE HABITATS (ESI)

- 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
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 National Ocean Service
 Office of Response and Restoration
 Emergency Response Division



Southern California: ESIMAP 6

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				X	X	X	X	-	-	-
	Elegant tern							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				-	-	-
	Pacific loon		X	X	X	X	X	X			X	X	X	X	-	-	-
	Red-breasted merganser		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	X	-	-	-
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		-	-	-
4	Bonaparte's gull		X	X	X	X					X	X	X	X	-	-	-
	Brandt's cormorant		X	X	X	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	X	-	-	-
25	Peregrine falcon		X	X	X	X					X	X	X	X	-	-	-
404	American coot		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	American wigeon		X	X	X	X					X	X	X		-	-	-
	Bald eagle	E	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Black-crowned night-heron		X	X	X	X					X	X	X	X	-	-	-
	Canvasback		X	X	X						X	X	X		-	-	-
	Egrets		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Green-winged teal			X	X	X	X	X							-	-	-
	Gulls		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Hérons		X	X	X	X					X	X	X	X	-	-	-
	Mallard		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Northern pintail		X	X	X						X	X	X	X	-	-	-
	Osprey		X	X	X	X					X	X	X	X	-	-	-
	Red-breasted merganser		X	X	X	X						X	X		-	-	-
	Red-tailed hawk			X	X	X	X	X	X	X					-	-	-
	Shorebirds		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Waterfowl		X	X	X	X					X	X	X	X	-	-	-
	White-tailed kite		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
405	California least tern	E E 1 PAIR				X	X	X	X	X	X	X	X	X	-	-	-
	Shorebirds		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Western snowy plover	C T 120-400 BIRDS	X	X							X	X	X		-	-	-
	Western snowy plover	C T 8-30 BIRDS			X	X	X	X	X	X	X				MAR-SEP	-	-
406	Belding's savannah sparrow	E	X	X	X	X	X	X	X	X	X	X	X	X	MAR-MAY	-	-
498	Black turnstone		X	X	X	X					X	X	X	X	-	-	-
	California least tern	E E				X	X	X	X	X	X				-	-	-
	Gulls		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Ruddy turnstone				X	X					X	X	X		-	-	-
	Shorebirds		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Surfbird			X	X										-	-	-
	Terns		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Wandering tattler			X	X										-	-	-
499	Bald eagle	E	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Greater scaup		X	X	X	X						X	X		-	-	-
	Lesser scaup		X	X	X	X						X	X	X	-	-	-
	Osprey		X	X	X	X					X	X	X	X	-	-	-
	Red-breasted merganser		X	X	X	X						X	X		-	-	-
	Redhead		X	X	X	X					X	X	X	X	-	-	-
500	Shorebirds		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Western snowy plover	C T	X	X							X	X	X		-	-	-
501	Shorebirds		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Waterfowl		X	X	X	X					X	X	X	X	-	-	-
503	Bald eagle	E	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Diving ducks		X	X	X	X					X	X	X		-	-	-
	Grebes		X	X	X	X					X	X	X		-	-	-
	Gulls		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Loons		X	X	X	X					X	X	X	X	-	-	-
	Osprey		X	X	X	X					X	X	X	X	-	-	-
	Terns		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
504	Brown pelican	16-35 BIRDS				X	X	X	X	X					-	-	-
547	Belding's savannah sparrow	E	X	X	X	X	X	X	X	X	X	X	X	X	MAR-MAY	-	-
548	Light-footed clapper rail	E E	X	X	X	X	X	X	X	X	X	X	X	X	FEB-JUL	-	-

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	X	APR-JUN	-	-	-	-
34	California grunion	RUNS LIKELY	X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	MAR-SEP	MAR-SEP	MAR-SEP	JAN-DEC
71	Tidewater goby	C E	X	X	X	X	X	X	X	X	X	X	X	X	APR-JUN	-	-	-	-
411	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
501	Steelhead	C E	X	X	X	X									-	-	-	-	-
503	Tidewater goby	C E	X	X	X	X	X	X	X	X	X	X	X	X	APR-JUN	-	-	-	-
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

INVERTEBRATE:

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
498	Pacific littleneck		X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL	-	-	-	-
	Pismo clam		X	X	X	X	X	X	X	X	X	X	X	X	JUN-SEP	-	-	-	-
502	Pacific littleneck		X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL	-	-	-	-
	Pismo clam		X	X	X	X	X	X	X	X	X	X	X	X	JUN-SEP	-	-	-	-

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	-	-	-	-
535	Bottlenose dolphin	SECONDARY	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	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	-	-	-	-
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	-	-	-	-

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 6 (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
541	Blue whale	E	PRIMARY					X	X	X	X	X	X	X	X	-	-	-	-
	Blue whale	E	RARE	X	X	X									X	-	-	-	-
	Bryde's whale		RARE					X	X	X	X	X	X	X	X	-	-	-	-
	Fin whale	E	PRIMARY					X	X	X	X	X	X	X	X	-	-	-	-
	Fin whale	E	SECONDARY	X	X	X									X	-	-	-	-
	Humpback whale	E	PRIMARY					X	X	X	X	X	X	X	X	-	-	-	-
	Humpback whale	E	SECONDARY	X	X	X									X	-	-	-	-
	North Pacific right whale	E	RARE					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	-	-	-	-
664	Pacific harbor seal		31 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	MAY-JUL
669	Sea otter	T		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
27	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	-	-	-	-	-
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					-	-	-	-	MAR-JUL

HUMAN USE RESOURCES:

ACP SENSITIVE SITES:

ACP SITE#	Name	Contact
4-650-C	Goleta Point and Campus Lagoon	CDF&G OSPR
4-652-C	Goleta Beach	CDF&G OSPR
4-655-A	Goleta Slough	CDF&G OSPR
4-657-B	More Mesa and Goleta Rocks	CDF&G OSPR

ACCESS:

HUN#	Name	Contact	Phone
154	SB-N-3015 DEL PLAYA STAIRS EAST	SANTA BARBARA COUNTY FIRE	805/893-3447
155	SB-O-1105 DEL PLAYA-CAMINO DEL SUR	SANTA BARBARA COUNTY FIRE	805/893-3447
156	SB-O-1205 DEL PLAYA-CAMINO DEL PESCADERO	SANTA BARBARA COUNTY FIRE	805/893-3447
157	SB-O-1305 DEL PLAYA-EMBARCADERO DEL MAR	SANTA BARBARA COUNTY FIRE	805/893-3447
158	SB-O-1406 CAMPUS LAGOON SOUTHWEST ARM	SANTA BARBARA COUNTY FIRE	805/893-3447
159	SB-P-1016 CAMPUS LAGOON EAST ARM	SANTA BARBARA COUNTY FIRE	805/893-3447
160	SB-P-2016 UCSB STAIRS TO WEST GOLETA	SANTA BARBARA COUNTY FIRE	805/893-3447
161	SB-P-3015 GOLETA BEACH COUNTY PARK	SB COUNTY PARKS	805/681-5651
162	SB-P-3025 GOLETA SLOUGH	SB COUNTY PARKS	805/681-5651
163	SB-Q-1015 ORCHID STAIRS	SB COUNTY PARKS	805/681-5651
164	SB-Q-1021 MORE MESA STAIRS	SB COUNTY PARKS	805/681-5651
165	SB-Q-1031 LAS OLAS DR.- BEACH HOPE RANCH	SB COUNTY PARKS	805/681-5651

AIRPORT:

HUN#	Name	Contact	Phone
344	SANTA BARBARA MUNI.		

AQUACULTURE:

HUN#	Name	Contact	Phone
349	M-653-02	TOM MOORE, CDF&G	707/875-4261

BOAT RAMP:

HUN#	Name	Contact	Phone
368	GOLETA	SB COUNTY PARKS	805/681-5651

CRITICAL HABITAT:

HUN#	Name	Contact	Phone
399	CRITICAL HABITAT: STEELHEAD	NATIONAL MARINE FISHERIES SERVICE	562/980-4000
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
443	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
	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 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
	California spiny lobster	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	X
	Ocean whitefish				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	
	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
	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
	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
532	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 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
	California spiny lobster	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
	Kelp bass	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 6 (cont.)

HUMAN USE RESOURCES: (cont.)

FISHERY AREA: (cont.)

HUN#	Name	J	F	M	A	M	J	J	A	S	O	N	D
532	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
	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
	Ridgeback prawn	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
	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	
	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

MANAGEMENT AREA:

HUN#	Name	Contact	Phone
612	GOLETA SLOUGH ER	SB COUNTY PARKS	805/681-5651
613	GOLETA SLOUGH MARINE PARK	CAL NATURAL RESOURCES AGENCY	916/654-1885

NATIONAL FOREST:

HUN#	Name	Contact	Phone
764	LOS PADRES NATIONAL FOREST	U.S. FOREST SERVICE	805/968-6640