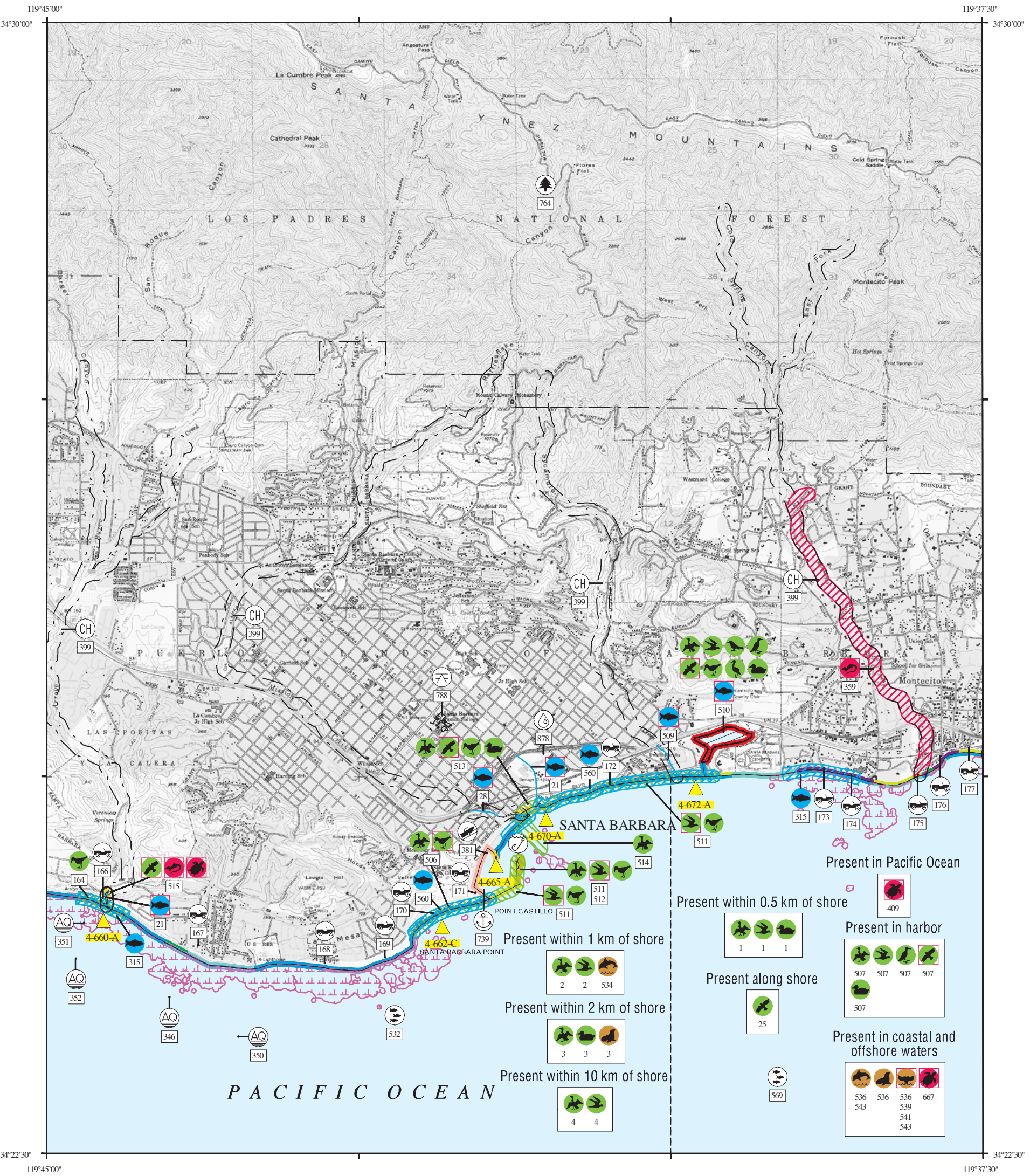
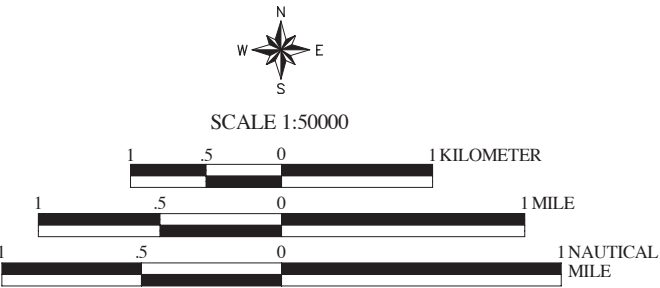


ENVIRONMENTAL SENSITIVITY INDEX MAP



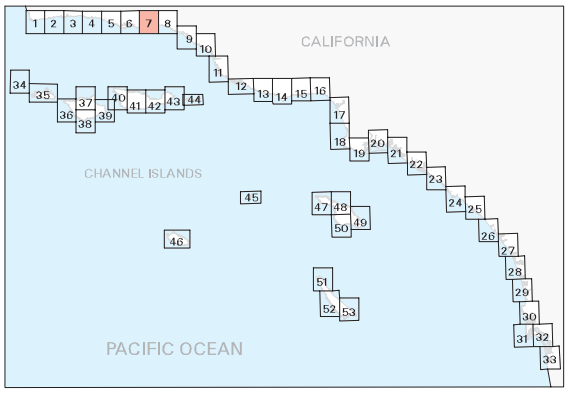
SHORELINE HABITATS (ESI)

- 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 7

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	-	-	-
	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	-	-	-
	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	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	-	-	-
164	Shorebirds		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
506	Brown pelican	70-79 BIRDS						X	X	X	X	X			-	-	-
	Cormorants		X	X	X	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	X	X	X	X	X	X	X	X	X	X	X	X	MAR-SEP	-	-
507	Bald eagle	E	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Brown pelican	8-167 BIRDS						X	X	X	X	X			-	-	-
	Diving ducks		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	X	-	-	-
	Seabirds		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Terns		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Western grebe		X	X	X	X						X	X	X	-	-	-
510	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	-	-	-
	California gull		X	X	X	X					X	X	X	X	-	-	-
	Common yellowthroat		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	-	-	-
	Glaucous-winged gull		X	X	X	X						X	X	X	-	-	-
	Green heron		X	X	X	X					X	X	X	X	-	-	-
	Heermann's gull		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Marsh wren		X	X	X	X					X	X	X	X	-	-	-
	Osprey		X	X	X	X	X				X	X	X	X	-	-	-
	Ring-billed gull		X	X	X	X					X	X	X	X	-	-	-
	Seabirds		X	X	X	X	X	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	-	-	-
	Western gull		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
511	Black turnstone		X	X	X	X					X	X	X	X	-	-	-
	California least tern	E E				X	X	X	X	X	X				-	-	-
	Ruddy turnstone					X	X		X	X	X				-	-	-
	Surfbird					X	X								-	-	-
	Wandering tattler					X	X								-	-	-
512	Brown pelican	33-306 BIRDS						X	X	X	X	X			-	-	-
513	Bald eagle	E	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Brown pelican	17-59 BIRDS						X	X	X	X	X			-	-	-
	Osprey		X	X	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	-	-	-
514	Brown pelican	0-165 BIRDS						X	X	X	X	X			-	-	-
515	Bald eagle	E	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Osprey		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	X	APR-JUN	-	-	-	-
28	Steelhead	C E	X	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	X	APR-JUN	-	-	-	-
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
509	Steelhead	C E	X	X	X								X		DEC-MAR	-	-	-	DEC-MAR
	Tidewater goby	C E	X	X	X	X	X	X	X	X	X	X	X	X	APR-JUN	-	-	-	-
510	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

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			-	-	-	-
	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	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	-	-	-	-
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	-	-	-	-

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 7 (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
359	California red-legged frog	C	T	X	X	X	X	X	X	X	X	X	X	X	X	JAN-MAY	-	-	-	-
409	Loggerhead sea turtle	T	RARE	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
515	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
4-660-A	Arroyo Burro Creek	CDF&G OSPR
4-662-C	Leadbetter Beach	CDF&G OSPR
4-665-A	Santa Barbara Harbor	CDF&G OSPR
4-670-A	Mission Creek: Laguna Channel	CDF&G OSPR
4-672-A	Sycamore Creek & Andree Clark Bird Refuge	CDF&G OSPR

ACCESS:

HUN#	Name	Contact	Phone
166	SB-Q-1045 ARROYO BURRO BEACH ACCESS	SB COUNTY PARKS	805/681-5651
167	SB-Q-2012 MESA LANE STAIRWELL ACCESS	SB COUNTY PARKS	805/681-5651
168	SB-Q-3012 SANTA CRUZ BLVD. STAIRWELL	SB COUNTY PARKS	805/681-5651
169	SB-Q-3022 SHORELINE PARK STAIRWELL	SB COUNTY PARKS	805/681-5651
170	SB-R-1012 LEADBETTER BEACH ACCESS	CITY OF SANTA BARBARA	805/963-4286
171	SB-R-2012 SANTA BARBARA HARBOR	CITY OF SANTA BARBARA	805/963-4286
172	SB-R-3012 VARIOUS EAST BEACH ACCESS	CITY OF SANTA BARBARA	805/963-4286
173	SB-R-4012 BUTTERFLY BEACH WEST	CITY OF SANTA BARBARA	805/963-4286
174	SB-R-4022 BUTTERFLY BEACH EAST	CITY OF SANTA BARBARA	805/963-4286
175	SB-R-4034 MONTECITO CREEK	CITY OF SANTA BARBARA	805/963-4286
176	SB-R-4044 EUCALYPTUS LANE	CITY OF SANTA BARBARA	805/963-4286
177	SB-R-5011 OLD MIRAMAR BEACH ACCESS	CITY OF SANTA BARBARA	805/963-4286

AQUACULTURE:

HUN#	Name	Contact	Phone
346	355-B MEZEY LEASE	TOM MOORE, CDF&G	707/875-4261
350	M-653-05	TOM MOORE, CDF&G	707/875-4261
351	M-653-06	TOM MOORE, CDF&G	707/875-4261
352	M-653-09	TOM MOORE, CDF&G	707/875-4261

BOAT RAMP:

HUN#	Name	Contact	Phone
381	SANTA BARBARA	CITY OF SANTA BARBARA	805/963-4286

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
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	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
	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
	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
	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	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
569	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 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
	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
	Lingcod		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
	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 sardine	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
	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	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 7 (cont.)

HUMAN USE RESOURCES: (cont.)

FISHERY AREA: (cont.)

HUN#	Name	J	F	M	A	M	J	J	A	S	O	N	D
569	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

MARINA:

HUN#	Name	Contact	Phone
739	SANTA BARBARA WATERFRONT/HARBOR	CITY OF SANTA BARBARA	805/564-5520

NATIONAL FOREST:

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

PARK:

HUN#	Name	Contact	Phone
788	EL PRESIDIO DE SANTA BARBARA SHP	CITY OF SANTA BARBARA	805/963-4286

WATER INTAKE:

HUN#	Name	Contact	Phone
878	SANTA BARBARA DESAL PLANT	CITY OF SANTA BARBARA	805/963-4286