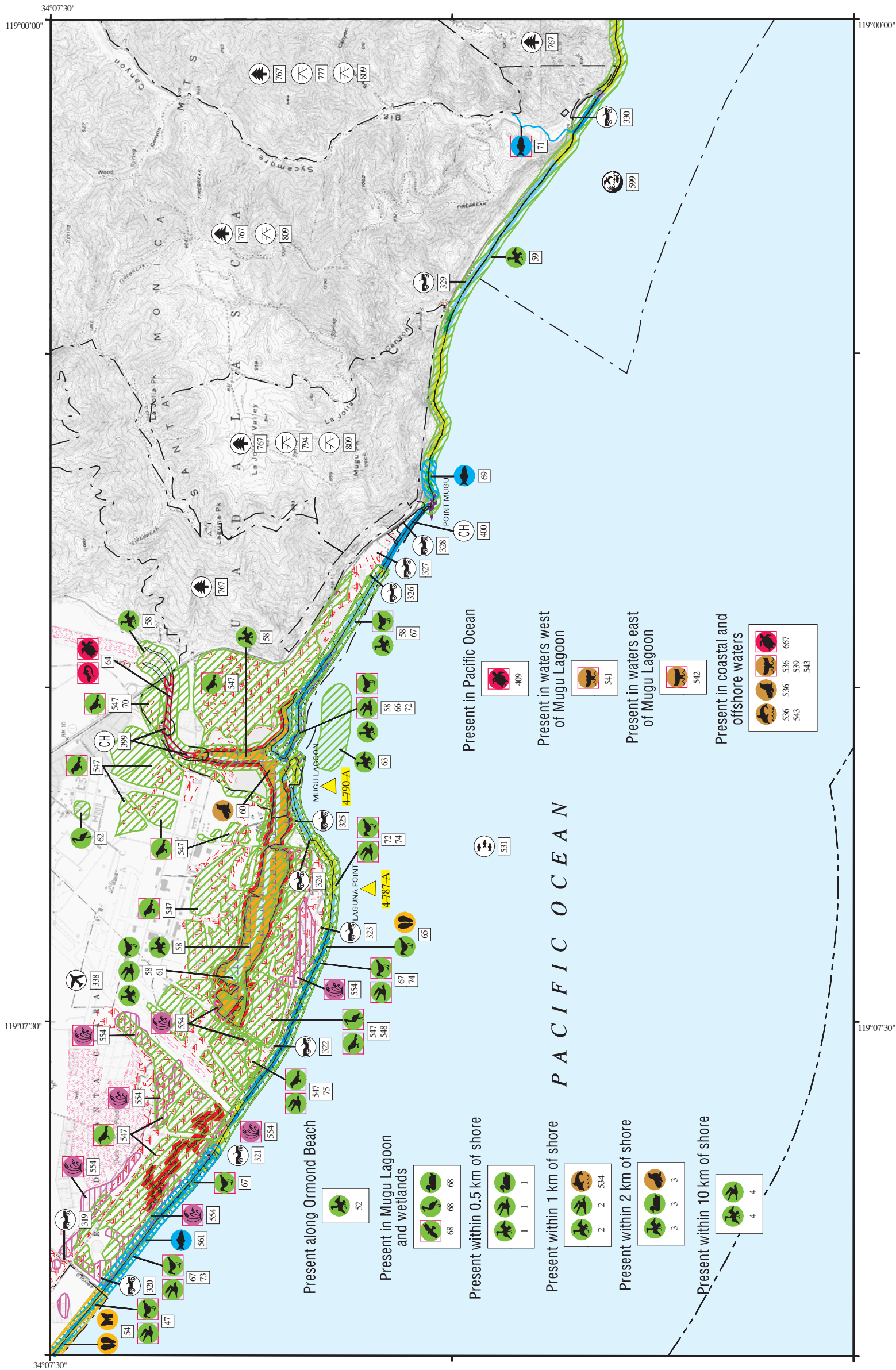
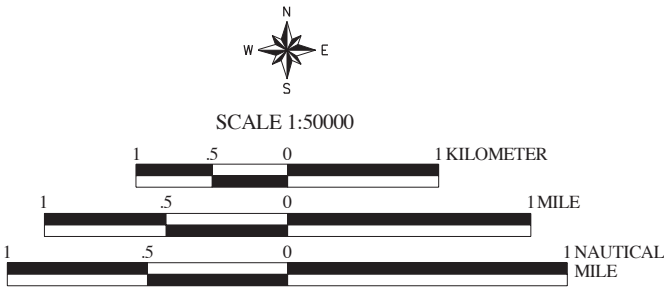


ENVIRONMENTAL SENSITIVITY INDEX MAP



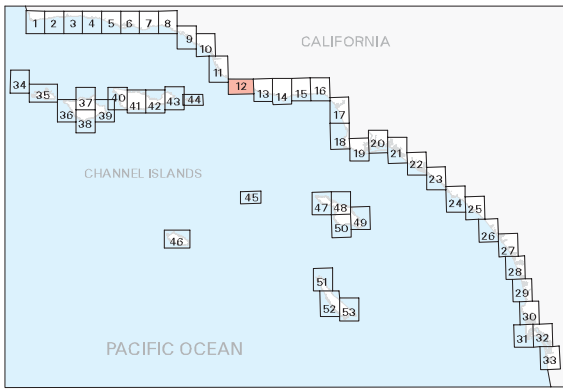
SHORELINE HABITATS (ESI)

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



Southern California: ESIMAP 12

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 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 X X X	-	-	-
	Red-breasted merganser		X X X X X X X	-	-	-
	Red-throated loon		X 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	-	-	-
	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 X X X X	-	-	-
	Western grebe		X X X X X X X X X	-	-	-
4	Bonaparte's gull		X X X X X X X X X	-	-	-
	Brandt's cormorant		X 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	-	-	-
47	California least tern	E E 40 PAIRS	X X X X X X X	APR-SEP	-	-
	Western snowy plover	C T 20-30 BIRDS	X X X X X X X	MAR-SEP	-	-
	Western snowy plover	C T 40 BIRDS	X X X X X X X	-	-	-
52	Brown pelican	0-158 BIRDS	X X X X X X X X X	-	-	-
58	Brown pelican	76-758 BIRDS	X X X X X X X X X	-	-	-
59	Brown pelican	0-191 BIRDS	X X X X X X X X X	-	-	-
61	American avocet		X X X X X X X X X X X	MAR-AUG	-	-
	Black-necked stilt		X X X X X X X X X X X	MAR-AUG	-	-
	Forster's tern		X X X X X X X X X X X	MAR-AUG	-	-
62	Black-crowned night-heron		X X X X X X X X X X X	MAR-SEP	-	-
	Snowy egret		X X X X X X X X X X X	FEB-JUL	-	-
63	Grebes	HIGH	X X X X X X X X X	-	-	-
65	Shorebirds		X X X X X X X X X X X	-	-	-
66	California least tern	E E 35-41 PAIRS	X X X X X X X X	APR-SEP	-	-
67	Western snowy plover	C T 31-67 BIRDS	X X X X X X X X	-	-	-
	Western snowy plover	C T 51-85 BIRDS	X X X X X X X X	MAR-SEP	-	-
68	Bald eagle	E	X X X X X X X X X X X	-	-	-
	Osprey		X X X X X X X X X X X	-	-	-
	Peregrine falcon		X X X X X X X X X X X	-	-	-
	Raptors		X X X X X X X X X X X	-	-	-
	Wading birds		X X X X X X X X X X X	-	-	-
	Waterfowl		X X X X X X X X X X X	-	-	-
70	Least Bell's vireo	E E	X X X X X X X X	MAR-AUG	-	-
72	Western snowy plover	C T	X X X X X X X X X X X	MAR-SEP	-	-
73	California least tern	E E 277-337 NESTS	X X X X X X X X	APR-SEP	-	-
74	California least tern	E E 52-66 NESTS	X X X X X X X X	APR-SEP	-	-
75	California least tern	E E 13-16 NESTS	X X X X X X X X	APR-SEP	-	-
547	Belding's savannah sparrow	E	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	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
69	California grunion		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	APR-JUN	-	-	-	-
561	California grunion	OCCASIONAL SMALL RUN	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
554	Salt marsh bird's-beak	E E	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
54	Globose dune beetle		X X X X X X X X X X X	-	-	-	-	-
	Pismo clam		X X X X X X X X X X X	JUN-SEP	-	-	-	-
	Point Mugu dune weevil		X X X X X X X X X X X	-	-	-	-	-
	Wandering skipper		X X X X X X X X X X	-	-	-	-	-
	Western beach tiger beetle		X X X X X X X X X X X	-	-	-	-	-
65	Pismo clam		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	-	-	-	-
60	Pacific harbor seal	287-454 INDIV.	X X X X X X X X X X X	-	-	FEB-MAY	MAY-JUL
534	Bottlenose dolphin	PRIMARY	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 X X X X	-	-	-	-
	Dall's porpoise	SECONDARY	X X X 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 X X X X X	-	-	-	-
	Northern right-whale dolphin	SECONDARY	X X X X X X X X X X	-	-	-	-
	Pacific white-sided dolphin	PRIMARY	X X X X X X X X X X X	-	-	-	-
	Pacific white-sided dolphin	SECONDARY	X X X X X 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 X X X X X X X	-	-	-	-
	Bryde's whale	RARE	X X X X X X X X X X	-	-	-	-
	Fin whale	E PRIMARY	X X X X X X X X X X	-	-	-	-
	Fin whale	E SECONDARY	X X X X X X X X X X	-	-	-	-
	Humpback whale	E PRIMARY	X X X X X X X X X X	-	-	-	-
	Humpback whale	E SECONDARY	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	-	-	-	-
542	Blue whale	E PRIMARY	X X X X X X X X X	-	-	-	-
	Blue whale	E RARE	X X X X X X X X X X	-	-	-	-
	Blue whale	E SECONDARY	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	-	-	-	-
	Fin whale	E RARE	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	-	-	-	-
	North Pacific right whale	E RARE	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 12 (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
543	Gray whale	PRIMARY	X X X X	-	-	-	-
	Gray whale	RARE		-	-	-	-
	Gray whale	SECONDARY	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
64	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	-	-	-	-	-
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
4-787-A	Laguna Point	CDF&G OSPR
4-790-A	Mugu Lagoon	CDF&G OSPR

ACCESS:

HUN#	Name	Contact	Phone
319	VN-H-1011 ARNOLD ROAD ACCESS	CITY OF PORT HUENEME	805/986-6542
320	VN-H-2019 PARKIN AREA NEAR RADIO TOWER	NAVAL SECURTIY (24HR)	805/982-4591
321	VN-H-2029 BEACH @ DITCH RD. ACCESS	NAVAL SECURTIY (24HR)	805/982-4591
322	VN-H-2039 L AVE @ BEACH RD	NAVAL SECURTIY (24HR)	805/982-4591
323	VN-H-2049 I AVE NEAR 20TH ST.	NAVAL SECURTIY (24HR)	805/982-4591
324	VN-H-2059 20TH ST. AND LAGUNA RD.	NAVAL SECURTIY (24HR)	805/982-4591
325	VN-H-2069 18TH ST. @ BEACH RD.	NAVAL SECURTIY (24HR)	805/982-4591
326	VN-H-3019 GUNNERY RANGE - WEST	NAVAL SECURTIY (24HR)	805/982-4591
327	VN-H-3029 GUNNERY RANGE	NAVAL SECURTIY (24HR)	805/982-4591
328	VN-H-3035 MUGU ROCK ACCESS	CA STATE PARKS (24-HOUR DISPATCH)	951/443-2944
329	VN-I-1016 PT. MUGU STATE PARK	CA STATE PARKS (24-HOUR DISPATCH)	951/443-2944
330	VN-I-2016 SYCAMORE COVE STATE BEACH	CA STATE PARKS (24-HOUR DISPATCH)	951/443-2944

AIRPORT:

HUN#	Name	Contact	Phone
338	NAWS POINT MUGU	NAVAL SECURTIY (24HR)	805/982-4591

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
531	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
	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 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 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 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 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

MANAGEMENT AREA:

HUN#	Name	Contact	Phone
599	BIG SYCAMORE CANYON MARINE RESERVE	CAL NATURAL RESOURCES AGENCY	916/654-1885

NATIONAL PARK:

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

PARK:

HUN#	Name	Contact	Phone
777	BONEY MOUNTAIN SW	CA STATE PARKS (24-HOUR DISPATCH)	951/443-2944
794	LA JOLLA VALLEY NP	CA STATE PARKS (24-HOUR DISPATCH)	951/443-2944
809	POINT MUGU SP	CA STATE PARKS (24-HOUR DISPATCH)	951/443-2944

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