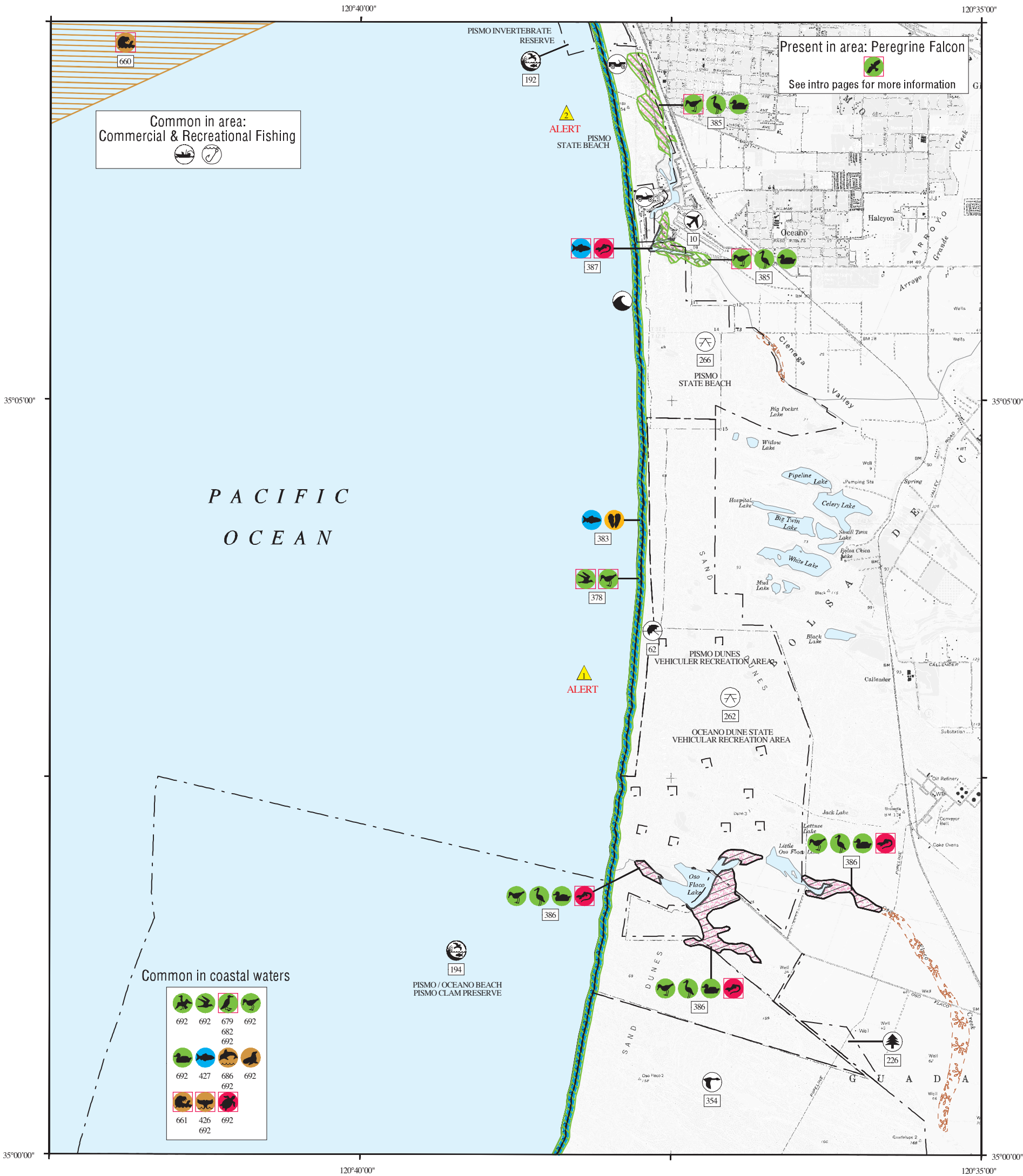


# ENVIRONMENTAL SENSITIVITY INDEX MAP



Central 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
378	California least tern	E E	X X X X X X X X	-	APR-SEP	-
	Gulls		X X X X X X X X X X	-	-	-
	Shorebirds		X X X X X X X X X X	-	-	-
	Western snowy plover	T	X X X X X X X X X X	MAR-SEP	-	-
385	Shorebirds		X X X X X X X X X X	-	-	-
	Wading birds		X X X X X X X X X X	FEB-AUG	-	-
	Waterfowl		X X X X X X X X X X	-	-	-
	Western snowy plover	T LOW	X X X X X X X X X X	MAR-SEP	-	-
386	Shorebirds	MEDIUM	X X X X X X X X X X	-	-	-
	Wading birds	MEDIUM	X X X X X X X X X X	FEB-AUG	-	-
	Waterfowl	MEDIUM	X X X X X X X X X X	-	-	-
679	Sooty shearwater	HIGH	X X X	-	-	JUN-SEP
682	Sooty shearwater	MODERATE	X X X X X X X X	-	-	APR-OCT
692	Cassin's auklet	MODERATE	X X X X X X X X X X	-	-	-
	Clark's grebe	MODERATE	X X X X X X X	-	MAR-APR SEP-NOV	-
	Common murre	MODERATE	X X X X X X X X X X	-	-	JUL-SEP
	Cormorants	MODERATE	X X X X X X X X X X	-	-	-
	Eared grebe	LOW	X X X X X X X	-	MAR-APR SEP-OCT	-
	Gulls	MODERATE	X X X X X X X X X X	-	-	-
	Horned grebe	LOW	X X X X X X X	-	OCT-APR	-
	Loons	LOW	X X X X X X X	-	OCT-MAY	-
	Marbled murrelet	E T LOW	X X X X X X X X X X	-	-	-
	Pacific loon	MODERATE	X X X X X X X X	-	OCT-MAY	-
	Pelicans	MODERATE	X X X X X X X X X	-	JUL-NOV	-
	Phalaropes	LOW	X X X X X X X X X X	-	-	-
	Pigeon guillemot	MODERATE	X X X X X X X X	-	-	-
	Rhinoceros auklet	MODERATE	X X X X X X X X X X	-	-	-
	Shearwaters	MODERATE	X X X X X X X X X X	-	-	-
	Surf scoter	MODERATE	X X X X X X X X	-	MAR-APR SEP-DEC	-
	Western grebe	MODERATE	X X X X X X X X	-	MAR-APR SEP-NOV	-
	White-winged scoter	MODERATE	X X X X X X X	-	MAR-APR OCT-NOV	-

FISH:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Spawning	Eggs	Larvae	Juveniles	Adults
383	Barred surfperch		X X X X X X X X X X	APR-AUG	-	-	JAN-DEC	MAR-NOV
	California grunion		X X X X X X X	MAR-AUG	MAR-SEP	-	-	MAR-AUG
	Striped bass		X X X X X	-	-	-	MAY-SEP	MAY-SEP
	Walleye surfperch		X X X X X X X X X X	APR-AUG	-	-	JAN-DEC	JAN-DEC
387	Steelhead	T	X X X X X X X X X X	-	-	-	JUN-OCT	OCT-JUN
	Tidewater goby	E	X X X X X X X X X X	JAN-DEC	-	-	-	JAN-DEC
427	California halibut		X X X X X X X X X X	FEB-JUN	-	FEB-SEP	JAN-DEC	FEB-NOV
	Salmon		X X X X X X	-	-	-	-	APR-SEP

INVERTEBRATE:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Spawning	Eggs	Larvae	Juveniles	Adults
383	Pismo clam	HIGH	X X X X X X X X X X	JUN-DEC	-	-	-	JUN-DEC

MARINE MAMMAL:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Mating	Calving	Pupping	Molting
426	Gray whale		X X X X X X X	-	DEC-FEB	-	-
660	Sea otter	T 247 INDEP / 36 PUPS	X X X X X X X X X X	-	-	JAN-MAR SEP-NOV	-
661	Sea otter	T 74 INDEP / 1 PUPS	X X X X X X X X X X	-	-	JAN-MAR SEP-NOV	-
686	Harbor porpoise	1600 INDIV.	X X X X X X X X X X	JUL-SEP	JUN-AUG	-	-
692	Blue whale	E MODERATE	X X X X X X X X	-	-	-	-
	Bottlenose dolphin	MODERATE	X X X X X X X X X X	-	-	-	-
	Dall's porpoise	MODERATE	X X X X X X X X X X	-	-	-	-
	Fin whale	E LOW	X X X X X X X X X X	-	-	-	-
	Humpback whale	E MODERATE	X X X X X X X X X	-	-	-	-
	Killer whale	LOW	X X X X X X X X X X	-	-	-	-
	Long-beaked common dolphin	MODERATE	X X X X X X X X X X	-	-	-	-
	Minke whale	LOW	X X X X X X X X X X	-	MAR-MAY	-	-
	Northern right whale	E LOW	X X X	-	-	-	-
	Northern right-whale dolphin	LOW	X X X X X X X X X X	-	-	-	-
	Pacific white-sided dolphin	LOW	X X X X X X X X X X	-	-	-	-
	Risso's dolphin	MODERATE	X X X X X X X X X X	-	-	-	-
	Sea lions	MODERATE	X X X X X X X X X X	-	-	-	-
	Seals	LOW	X X X X X X X X X X	-	-	-	-
	Short-beaked common dolphin	MODERATE	X X X X X X X X X X	-	-	-	-
	Short-finned pilot whale	LOW	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
386	California red-legged frog	T	X X X X X X X X X X	NOV-APR	-	-	JAN-DEC	JAN-DEC
387	California red-legged frog	T	X X X X X X X X X X	NOV-APR	-	-	JAN-DEC	JAN-DEC
692	Leatherback sea turtle	E LOW	X X X X X X X	-	-	-	-	MAY-NOV

HUMAN USE RESOURCES:

ALERT:

ID#	Description
1	Snowy plovers nesting, March-September.
2	Threatened/endangered or rare terrestrial plants potentially in the area.

AIRPORT:

HUN#	Name	Contact	Phone
10	OCEANO COUNTY AIRPORT		

BEACH:

HUN#	Name	Contact	Phone
62	PISMO DUNES VEHICULAR RECREATION AREA		

MANAGEMENT AREA:

HUN#	Name	Contact	Phone
192	PISMO - SMCA	CDF&G	
194	PISMO-OCEANO BEACH - SMCA	CDF&G	

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.

Central California: ESIMAP 7 (cont.)

HUMAN USE RESOURCES: (cont.)

NATURE CONSERVANCY:

HUN#	Name	Contact	Phone
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226	GUADALUPE-NIPOMO DUNES PRESERVE	THE NATURE CONSERVANCY	

PARK:

HUN#	Name	Contact	Phone
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262	OCEANO DUNES SVRA	CA DEPT OF PARKS AND RECREATION	
266	PISMO SB	CA DEPT OF PARKS AND RECREATION	

WILDLIFE REFUGE:

HUN#	Name	Contact	Phone
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354	GUADALUPE-NIPOMO DUNES NWR	US FISH AND WILDLIFE SERVICE	