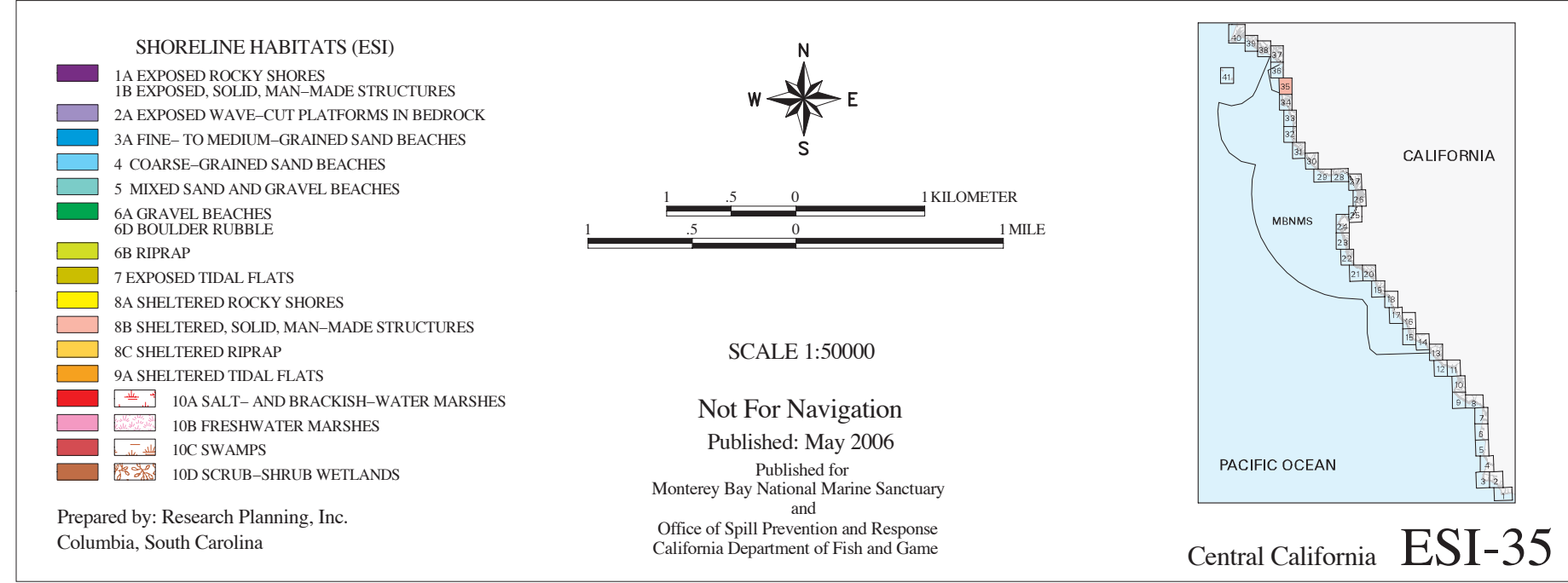
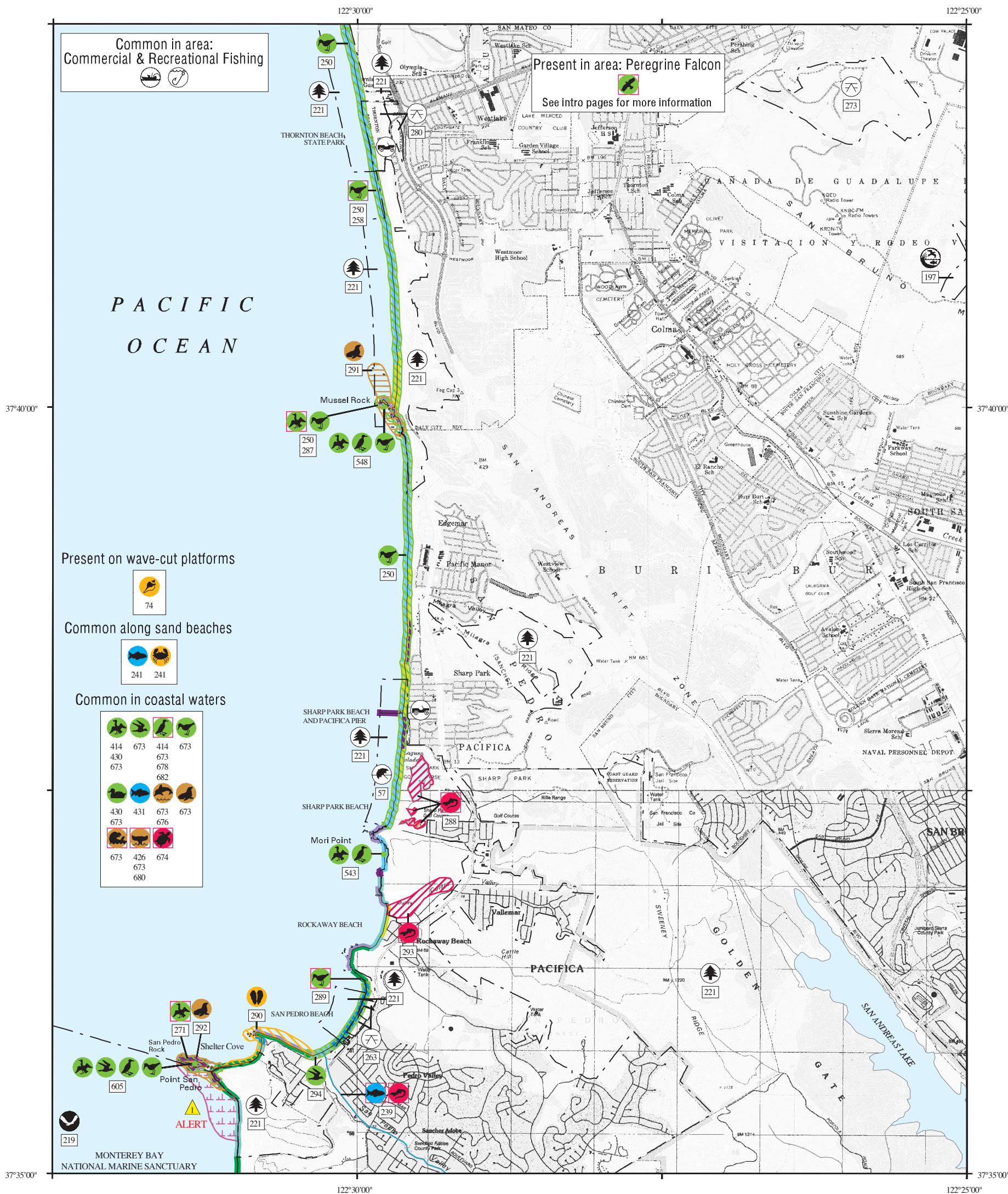


ENVIRONMENTAL SENSITIVITY INDEX MAP



Central California: ESIMAP 35

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Nesting	Migrating	Molting
250	Shorebirds	HIGH	X X X X X X X X X X X	-	-	-
258	Western snowy plover	T	X X X X X X X X X X X	-	-	-
271	Brown pelican	E E 177-602 INDIV.	X X X X X X X X X X X	-	JUL-NOV	-
287	Brown pelican	E E 0-40 INDIV.	X X X X X X X X X X X	-	JUL-NOV	-
289	Western snowy plover	T MEDIUM	X X X X X X X X X X X	-	-	-
294	Gulls	HIGH	X X X X X X X X X X X	-	-	-
414	Diving birds	1100 INDIV.	X X X X X X X	FEB-AUG	-	-
	Seabirds	800 INDIV.	X X X X X X X	FEB-AUG	-	-
430	Grebes	HIGH	X X X X X X X X	-	MAR-APR SEP-NOV	-
	Loons	HIGH	X X X X X X X X	-	OCT-MAY	-
	Scoters	HIGH	X X X X X X X X	-	MAR-APR SEP-DEC	-
543	Pelagic cormorant	31 INDIV.	X X X X X X X X X X X	MAR-SEP	-	-
	Pigeon guillemot	18 INDIV.	X X X X X X X X X X X	FEB-AUG	-	-
548	Black oystercatcher	1 INDIV.	X X X X X X X X X X X	MAR-SEP	-	-
	Brandt's cormorant		X X X X X X X X X X X	FEB-AUG	-	-
	Pelagic cormorant		X X X X X X X X X X X	MAR-SEP	-	-
	Pigeon guillemot	10 INDIV.	X X X X X X X X X X X	FEB-AUG	-	-
605	Black oystercatcher	2 INDIV.	X X X X X X X X X X X	MAR-SEP	-	-
	Pelagic cormorant	7 INDIV.	X X X X X X X X X X X	MAR-SEP	-	-
	Pigeon guillemot	70 INDIV.	X X X X X X X X X X X	FEB-AUG	-	-
	Western gull	6 INDIV.	X X X X X X X X X X X	MAR-AUG	-	-
673	Cassin's auklet	LOW	X X X X X X X X X X X	-	-	-
	Clark's grebe	MODERATE	X X X X X X X X	-	MAR-APR SEP-NOV	-
	Common murre	MODERATE	X X X X X X X X X X X	-	-	JUL-SEP
	Cormorants	MODERATE	X X X X X X X X X X X	-	-	-
	Eared grebe	LOW	X X X X X X X X	-	MAR-APR SEP-OCT	-
	Gulls	MODERATE	X X X X X X X X X X X	-	-	-
	Horned grebe	LOW	X X X X X X X X	-	OCT-APR	-
	Pacific loon	MODERATE	X X X X X X X X	-	OCT-MAY	-
	Pelicans	MODERATE	X X X X X X X X X X	-	JUL-NOV	-
	Phalaropes	LOW	X X X X X X X X X X X	-	-	-
	Pigeon guillemot	LOW	X X X X X X X X	-	-	-
	Rhinoceros auklet	MODERATE	X X X X X X X X X X X	-	-	-
	Shearwaters	LOW-HIGH	X 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 X	-	MAR-APR OCT-NOV	-
678	Marbled murrelet	E T MODERATE	X X X X X X X X X X X	APR-JUL	-	-
682	Sooty shearwater	MODERATE	X X X X X X X X X X	-	-	APR-OCT

FISH:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Spawning	Eggs	Larvae	Juveniles	Adults
239	Steelhead	T	X X X X X X X X X X X	-	-	-	JUN-OCT	OCT-JUN
241	Barred surfperch		X X X X X X X X X X X	APR-AUG	-	-	JAN-DEC	MAR-NOV
	Calico surfperch		X 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
	Jacksmelt		X X X X X X X X X X X	NOV-JUN	NOV-JUN	NOV-JUN	APR-NOV	NOV-JUN
	Redtail surfperch		X X X X X X X X X X X	APR-AUG	-	-	JAN-DEC	JAN-DEC
	Striped bass		X X X X X X X	-	-	-	MAY-SEP	MAY-SEP
	Walleye surfperch		X X X X X X X X X X X	APR-AUG	-	-	JAN-DEC	JAN-DEC
	White seabass		X X X X X X X X X	APR-AUG	-	-	-	MAR-NOV
	White seaperch		X X X X X X X X X X X	APR-AUG	-	-	JAN-DEC	FEB-AUG
431	California halibut		X 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 X	-	-	-	-	APR-SEP
	White shark		X X X X X X X X X X X	-	-	-	-	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
74	Black abalone		X X X X X X X X X X X	-	-	-	JAN-DEC	JAN-DEC
241	Dungeness crab		X X X X X X X	-	-	-	-	JUN-SEP
290	Pacific littleneck	HIGH	X X X X X X X X X X X	APR-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
291	California sea lion	7 INDIV.	X X X X X X X X X X X	-	-	-	-
292	Harbor seal		X X X X X X X X X X X	-	-	MAR-JUN	-
426	Gray whale		X X X X X X X X	-	DEC-FEB	-	-
673	Bottlenose dolphin	LOW	X X X X X X X X X X X	-	-	-	-
	Dall's porpoise	LOW	X X X X X X X X X X X	-	-	-	-
	Fin whale	E LOW	X X X X X X X X X X X	-	-	-	-
	Killer whale	LOW	X X X X X X X X X X X	-	-	-	-
	Long-beaked common dolphin	LOW	X X X X X X X X X X X	-	-	-	-
	Minke whale	MODERATE	X X X X X X X X X X X	-	MAR-MAY	-	-
	Northern right whale	E LOW	X X X X X X X	-	-	-	-
	Pacific white-sided dolphin	LOW	X X X X X X X X X X X	-	-	-	-
	Risso's dolphin	LOW	X X X X X X X X X X X	-	-	-	-
	Sea lions	LOW-MODERATE	X X X X X X X X X X X	-	-	-	-
	Sea otter	T LOW	X X X X X X X X X X X	-	-	-	-
	Seals	LOW-MODERATE	X X X X X X X X X X X	-	-	-	-
	Short-beaked common dolphin	LOW	X 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 X	-	-	-	-
676	Harbor porpoise	8500 INDIV.	X X X X X X X X X X X	JUL-SEP	JUN-AUG	-	-
680	Blue whale	E LOW	X X X X X X X X	-	-	-	-
	Humpback whale	E MODERATE	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
239	California red-legged frog	T	X X X X X X X X	-	-	-	JUN-OCT	-
	San Francisco garter snake	E E	X X X X X X X X X X X	-	-	-	JAN-DEC	JAN-DEC
288	California red-legged frog	T	X X X X X X X X X X X	NOV-APR	-	-	JAN-DEC	JAN-DEC
	San Francisco garter snake	E E	X X X X X X X X X X X	-	-	-	JAN-DEC	JAN-DEC
293	California red-legged frog	T	X X X X X X X X X X X	NOV-APR	-	-	JAN-DEC	JAN-DEC
674	Leatherback sea turtle	E HIGH	X X X X X X X X	-	-	-	-	MAY-NOV

HUMAN USE RESOURCES:

ALERT:

ID#	Description
1	Keep all aircraft away, February-August.

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 impactsto protected species.

Central California: ESIMAP 35 (cont.)

HUMAN USE RESOURCES: (cont.)

BEACH:

HUN#	Name	Contact	Phone
57	PACIFICA STATE BEACHES		

MANAGEMENT AREA:

HUN#	Name	Contact	Phone
197	SAN BRUNO MOUNTAIN ER	CA DEPT OF FISH AND GAME	

MARINE SANCTUARY:

HUN#	Name	Contact	Phone
219	MONTEREY BAY NATIONAL MARINE SANCTUARY	SUPERINTENDENT	831/647-4201

NATIONAL PARK:

HUN#	Name	Contact	Phone
221	GOLDEN GATE NATIONAL RECREATION AREA	NATIONAL PARK SERVICE	415/561-4700

PARK:

HUN#	Name	Contact	Phone
263	PACIFICA SB	CA DEPT OF PARKS AND RECREATION	
273	SAN BRUNO MOUNTAIN SP	CA DEPT OF PARKS AND RECREATION	
280	THORNTON SB	CA DEPT OF PARKS AND RECREATION	