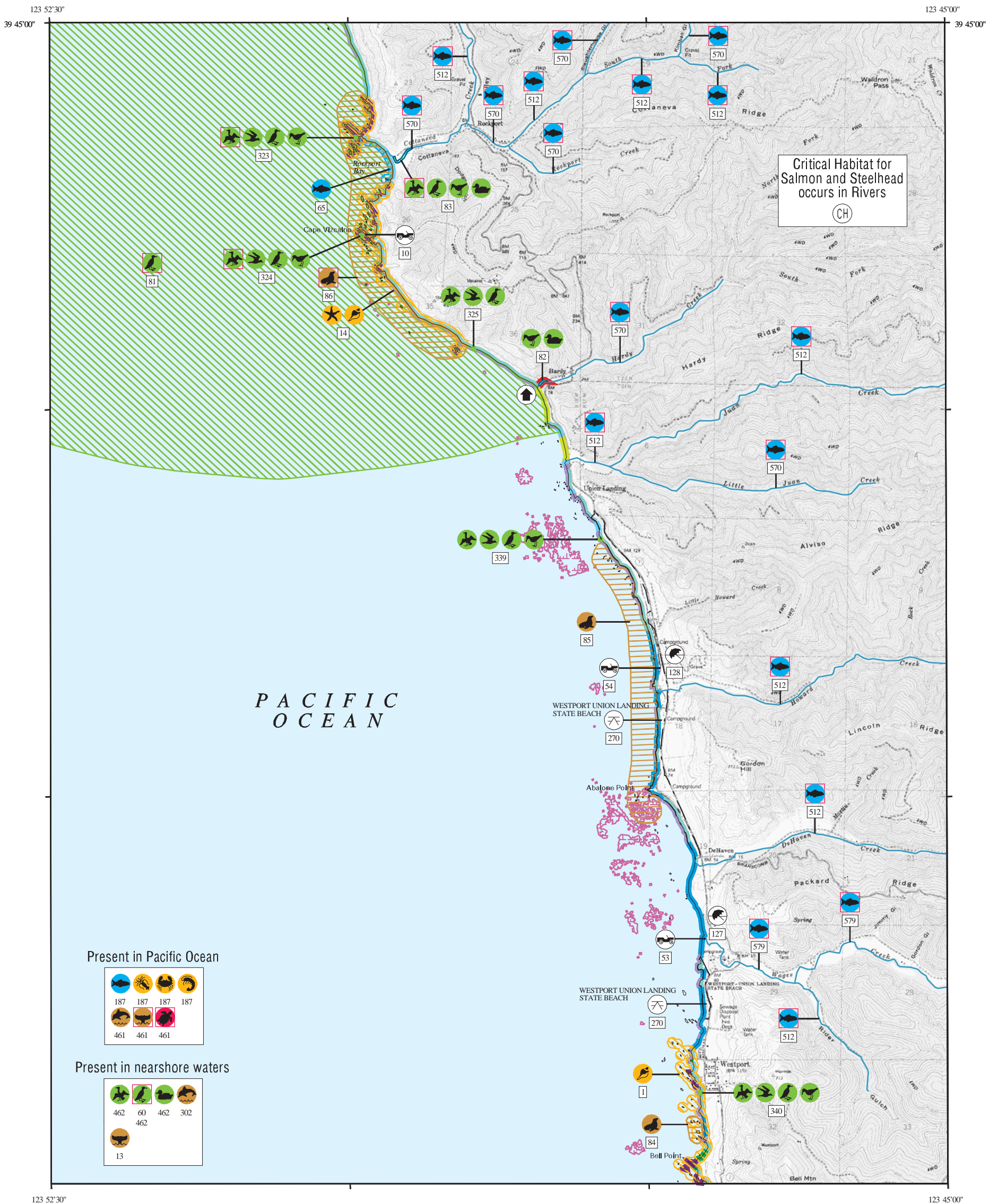
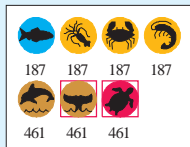


ENVIRONMENTAL SENSITIVITY INDEX MAP

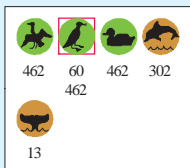


Critical Habitat for Salmon and Steelhead occurs in Rivers
 (CH)

Present in Pacific Ocean



Present in nearshore waters



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
- 10A SALT- AND BRACKISH- WATER MARSHES
- 10B FRESHWATER MARSHES
- 10C SWAMPS
- 10D SCRUB- SHRUB WETLANDS

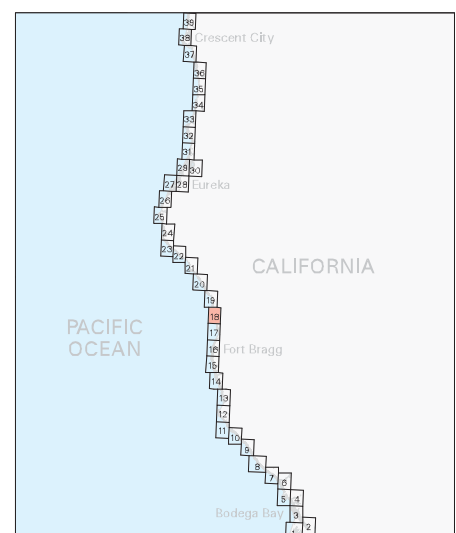


SCALE 1:48000



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 Office of Response and Restoration
 Emergency Response Division



Northern California: ESIMAP 18 (cont.)

BIOLOGICAL RESOURCES: (cont.)

INVERTEBRATE:

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
1	Red abalone		X	X	X	X	X	X	X	X	X	X	X	X	APR-JUL	APR-JUL	APR-JUL	JAN-DEC	JAN-DEC
14	Red abalone		X	X	X	X	X	X	X	X	X	X	X	APR-JUL	APR-JUL	APR-JUL	JAN-DEC	JAN-DEC	
	Sea urchins		X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC	
187	California market squid		X	X	X	X	X	X	X	X	X	X	X	APR-NOV	APR-NOV	APR-JAN	JAN-DEC	JAN-DEC	
	Dungeness crab		X	X	X	X	X	X	X	X	X	X	X	MAR-JUN	-	MAR-SEP	JUN-SEP	JAN-DEC	
	Ocean pink shrimp		X	X	X	X	X	X	X	X	X	X	X	SEP-OCT	OCT-APR	MAR-JUL	JAN-DEC	JAN-DEC	
	Spot prawn		X	X	X	X	X	X	X	X	X	X	X	SEP-APR	SEP-APR	SEP-APR	JAN-DEC	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
13	Gray whale		X	X	X	X	X	X	X	X	X	X	X	X	-	DEC-FEB	-	-
84	Harbor seal	39-109 INDIV.	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
85	Harbor seal	28-71 INDIV.	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
86	California sea lion	58 INDIV.	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
	Harbor seal	31-66 INDIV.	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
	Steller sea lion	T 1 INDIV.	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
302	Harbor porpoise	MODERATE	X	X	X	X	X	X	X	X	X	X	X	JUL-SEP	JUN-AUG	-	-	
461	Blue whale	E LOW						X	X	X	X	X	X	-	-	-	-	
	Humpback whale	E MODERATE						X	X	X	X			-	-	-	-	
	Killer whale	LOW	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
	Minke whale	LOW	X	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	X	-	-	-	-	
	Risso's 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	-	-	-	-	

REPTILE:

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Hatching	Interesting	Juveniles	Adults
461	Leatherback sea turtle	E VERY LOW						X	X	X	X	X	X	X	-	-	-	-	MAY-NOV

HUMAN USE RESOURCES:

ACCESS:

HUN#	Name	Contact	Phone
10	CAPE VIZCAINO	CDFG	
53	WAGES CREEK BEACH	CDFG	
54	WESTPORT-UNION LANDING STATE BEACH	CSP	707/937-5804

BEACH:

HUN#	Name	Contact	Phone
127	WAGES CREEK BEACH	CDFG	
128	WESTPORT-UNION LANDING STATE BEACH	CDFG	707/937-5804

PARK:

HUN#	Name	Contact	Phone
270	WESTPORT-UNION LANDING SB	CDPR	707/937-5804

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.