ENVIRONMENTAL SENSITIVITY INDEX MAP

145°52'30" 145°30'00"
60°45'00" 60°45'00"

PRESENT THROUGHOUT PRINCE WILLIAM SOUND
625

PRESENT ALONG SHORELINE
594

PRESENT THROUGHOUT AREA
551 627 630 632

60°30'00" 60°30'00"
145°52'30" 145°30'00"

SHORELINE HABITATS

- 1A EXPOSED ROCKY SHORES
- 2A EXPOSED WAVE–CUT PLATFORMS IN BEDROCK
- 3A FINE– TO MEDIUM–GRAINED SAND BEACHES
- 4 COARSE–GRAINED SAND BEACHES (NOT PRESENT)
- 5 MIXED SAND AND GRAVEL BEACHES
- 6A GRAVEL BEACHES
- 6B RIPRAP
- 7 EXPOSED TIDAL FLATS
- 8A SHELTERED ROCKY SHORES
- 8D SHELTERED ROCKY RUBBLE SLOPES
- 9A SHELTERED TIDAL FLATS
- 10A SALT– AND BRACKISH–WATER MARSHES

N W E S

SCALE 1:87000

1 .5 0 1 KILOMETER
1 .5 0 1 MILE

Not For Navigation
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CORDOVA (C-5), AK (1979) **PWS-22**

Prince William Sound - ESIMAP 22

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Laying	Hatching	Fledging
218	Alcids			LOW				X	X	X	X	X	X				-	-	-	-
	American wigeon			LOW				X	X	X	X	X	X				-	-	-	-
	Black-legged kittiwake			LOW				X	X	X	X	X	X				-	-	-	-
	Bufflehead			MED				X	X	X	X	X	X				-	-	-	-
	Goldeneye			HIGH	X	X	X								X	X	-	-	-	-
	Harlequin duck			LOW				X	X	X	X	X	X				-	-	-	-
	Loons			LOW	X	X	X								X	X	-	-	-	-
	Mallard			HIGH				X	X	X	X	X	X				-	-	-	-
	Mergansers			LOW	X	X	X								X	X	-	-	-	-
	Scaup			LOW	X	X	X								X	X	-	-	-	-
	Surf scoter			LOW	X	X	X								X	X	-	-	-	-
219	Alcids			LOW				X	X	X	X	X	X				-	-	-	-
	Black-legged kittiwake			LOW				X	X	X	X	X	X				-	-	-	-
	Murrelets			LOW				X	X	X	X	X	X				-	-	-	-
	Puffins			LOW				X	X	X	X	X	X				-	-	-	-
	Tufted puffin			MED				X	X	X	X	X	X				-	-	-	-
220	Glaucous-winged gull			LOW				X	X	X	X	X	X				-	-	-	-
	Mallard			LOW				X	X	X	X	X	X				-	-	-	-
	Pelagic cormorant			HIGH				X	X	X	X	X	X				-	-	-	-
	Puffins			LOW				X	X	X	X	X	X				-	-	-	-
	Scoters			LOW	X	X	X								X	X	-	-	-	-
	Shearwaters			MED				X	X	X	X	X	X				-	-	-	-
	Tufted puffin			LOW				X	X	X	X	X	X				-	-	-	-
221	Bald eagle			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Black (common) scoter			LOW				X	X	X	X	X	X				-	-	-	-
	Black-legged kittiwake			LOW				X	X	X	X	X	X				-	-	-	-
	Cormorant			MED				X	X	X	X	X	X				-	-	-	-
	Glaucous-winged gull			LOW				X	X	X	X	X	X				-	-	-	-
	Goldeneye			MED	X	X	X								X	X	-	-	-	-
	Gulls			LOW				X	X	X	X	X	X				-	-	-	-
	Harlequin duck			LOW				X	X	X	X	X	X				-	-	-	-
	Mallard			HIGH				X	X	X	X	X	X				-	-	-	-
	Mew gull			MED				X	X	X	X	X	X				-	-	-	-
	Pelagic cormorant			HIGH				X	X	X	X	X	X				-	-	-	-
	Pigeon guillemot			LOW				X	X	X	X	X	X				-	-	-	-
	Terns			MED				X	X	X	X	X	X				-	-	-	-
222	Black-legged kittiwake			LOW				X	X	X	X	X	X				-	-	-	-
	Glaucous-winged gull			MED				X	X	X	X	X	X				-	-	-	-
	Loons			LOW	X	X	X								X	X	-	-	-	-
	Murrelets			MED				X	X	X	X	X	X				-	-	-	-
	Pigeon guillemot			LOW				X	X	X	X	X	X				-	-	-	-
	Scoters			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Surf scoter			LOW				X	X	X	X	X	X				-	-	-	-
	White-winged scoter			MED				X	X	X	X	X	X				-	-	-	-
223	Bald eagle			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Bufflehead			HIGH				X	X	X	X	X	X				-	-	-	-
	Glaucous-winged gull			HIGH				X	X	X	X	X	X				-	-	-	-
	Goldeneye			HIGH	X	X	X								X	X	-	-	-	-
	Gulls			MED				X	X	X	X	X	X				-	-	-	-
	Loons			LOW	X	X	X								X	X	-	-	-	-
	Mallard			HIGH				X	X	X	X	X	X				-	-	-	-
	Mergansers			LOW	X	X	X								X	X	-	-	-	-
	Oldsquaw			HIGH				X	X	X	X	X	X				-	-	-	-
229	Arctic tern			LOW				X	X	X	X	X	X				-	-	-	-
	Glaucous-winged gull			LOW				X	X	X	X	X	X				-	-	-	-
	Goldeneye			LOW	X	X	X								X	X	-	-	-	-
230	Scoters			MED	X	X	X								X	X	-	-	-	-
231	Bald eagle			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Greater scaup			MED				X	X	X	X	X	X				-	-	-	-
541	Waterfowl						X	X	X	X	X	X	X	X	X		JUN-AUG	-	-	-
543	Waterfowl						X	X	X								-	-	-	-
546	Waterfowl				X	X										X	-	-	-	-
547	Waterfowl				X	X	X	X	X							X	-	-	-	-
551	Waterfowl				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
594	Bald eagle			1 NEST	X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	APR-MAY	MAY-JUN	AUG-AUG
634	Shorebirds			HIGH			X	X	X								-	-	-	-
719	Arctic tern			LOW				X	X	X	X	X	X				-	-	-	-
	Bald eagle			LOW				X	X	X	X	X	X				-	-	-	-
	Black oystercatcher			LOW				X	X	X	X	X	X				-	-	-	-
	Black-legged kittiwake			MED				X	X	X	X	X	X				-	-	-	-
	Glaucous-winged gull			MED				X	X	X	X	X	X				-	-	-	-
	Goldeneye			HIGH	X	X	X								X	X	-	-	-	-
	Harlequin duck			HIGH				X	X	X	X	X	X				-	-	-	-
	Kittlitz's murrelet			LOW				X	X	X	X	X	X				-	-	-	-
	Mew gull			LOW				X	X	X	X	X	X				-	-	-	-
	Murrelets			MED				X	X	X	X	X	X				-	-	-	-
	Oldsquaw			HIGH	X	X	X								X	X	-	-	-	-
	Pigeon guillemot			LOW				X	X	X	X	X	X				-	-	-	-
	Red-necked (Northern) phalarope			HIGH				X	X	X	X	X	X				-	-	-	-
	Red-necked grebe			LOW	X	X	X								X	X	-	-	-	-
	Scoters			HIGH	X	X	X								X	X	-	-	-	-
	Surf scoter			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	White-winged scoter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
821	Arctic tern			MED				X	X	X	X	X	X				-	-	-	-
	Bald eagle			LOW				X	X	X	X	X	X				-	-	-	-
	Barrow's goldeneye			LOW				X	X	X	X	X	X				-	-	-	-
	Black-legged kittiwake			LOW				X	X	X	X	X	X				-	-	-	-
	Bonaparte's gull			HIGH				X	X	X	X	X	X				-	-	-	-
	Common goldeneye			MED				X	X	X	X	X	X				-	-	-	-
	Common merganser			LOW				X	X	X	X	X	X				-	-	-	-
	Glaucous-winged gull			MED				X	X	X	X	X	X				-	-	-	-
	Goldeneye			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Grebes			LOW	X	X	X								X	X	-	-	-	-
	Gulls			LOW				X	X	X	X	X	X				-	-	-	-
	Kittlitz's murrelet			MED				X	X	X	X	X	X				-	-	-	-
	Marbled murrelet			MED				X	X	X	X	X	X				-	-	-	-
	Mew gull			LOW				X	X	X	X	X	X				-	-	-	-
	Murrelets			LOW				X	X	X	X	X	X				-	-	-	-
	Red-breasted merganser			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
838	Black-legged kittiwake			LOW				X	X	X	X	X	X				-	-	-	-
	Cormorant			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Glaucous-winged gull			MED				X	X	X	X	X	X				-	-	-	-
	Kittlitz's murrelet			MED				X	X	X	X	X	X				-	-	-	-
	Marbled murrelet			LOW				X	X	X	X	X	X				-	-	-	-
	Mew gull			LOW				X	X	X	X	X	X				-	-	-	-
	Murrelets			MED				X	X	X	X	X	X				-	-	-	-
	White-winged scoter			MED	X	X	X								X	X	-	-	-	-
839	Black-legged kittiwake			LOW				X	X	X	X	X	X				-	-	-	-
	Kittlitz's murrelet			MED				X	X	X	X	X	X				-	-	-	-
	Marbled murrelet			MED				X	X	X	X	X	X				-	-	-	-
	Mew gull			HIGH				X	X	X	X	X	X				-	-	-	-
	Murrelets			MED				X	X	X	X	X	X				-	-	-	-

FISH:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
3	Pink salmon (humpy)											X	X	X			AUG-OCT	-	-	-	AUG-OCT
6	Pink salmon (humpy)						X	X	X								-	-	-	MAR-MAY	-
7	Chum salmon (dog)				X					X	X	X	X	X	X	X	JUN-JAN	-	-	-	JUN-JAN
	Pink salmon (humpy)											X	X	X			AUG-OCT	-	-	-	AUG-OCT
8	Anadromous fish				X	X				X	X	X	X	X	X	X	JUN-FEB	-	-	-	JUN-FEB
11	Chum salmon (dog)				X					X	X	X	X	X	X	X	JUN-JAN	-	-	-	JUN-JAN
14	Sockeye salmon (red)							X	X	X	X						MAY-AUG	-	-	-	MAY-AUG
16	Coho salmon (silver)				X							X	X	X	X	X	SEP-JAN	-	-	-	SEP-JAN
	Pink salmon (humpy)											X	X	X			AUG-OCT	-	-	-	AUG-OCT
19	Coho salmon (silver)							X	X	X	X	X	X				-	-	-	MAY-OCT	-
40	Coho salmon (silver)				X							X	X	X	X	X	SEP-JAN	-	-	-	SEP-JAN
42	Coho salmon (silver)							X	X	X	X						-	-	-	MAY-AUG	-
62	Coho salmon (silver)				X							X	X	X	X	X	SEP-JAN	-	-	-	SEP-JAN
	Sockeye salmon (red)							X	X	X	X						MAY-AUG	-	-	-	MAY-AUG

Prince William Sound - ESIMAP 22 cont.

BIOLOGICAL RESOURCES: cont.

FISH: cont.

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
63	Coast Cutthroat trout							X	X	X	X	X					-	-	-	APR-AUG	-
	Coho salmon (silver)				X								X	X	X	X	SEP-JAN	-	-	-	SEP-JAN
	Dolly varden							X	X	X							-	-	-	APR-JUN	-
	Pink salmon (humpy)											X	X	X			AUG-OCT	-	-	-	AUG-OCT
	Sockeye salmon (red)								X	X	X	X					MAY-AUG	-	-	-	MAY-AUG
69	Chum salmon (dog)					X	X	X	X	X							-	-	-	FEB-JUN	-
	Coast Cutthroat trout							X	X	X	X	X					-	-	-	APR-AUG	-
	Coho salmon (silver)								X	X	X	X					-	-	-	MAY-AUG	-
	Dolly varden							X	X	X							-	-	-	APR-JUN	-
	Pink salmon (humpy)						X	X	X								-	-	-	MAR-MAY	-
74	Chum salmon (dog)				X					X	X	X	X	X	X	X	JUN-JAN	-	-	-	JUN-JAN
	Coast Cutthroat trout							X	X	X	X	X					-	-	-	APR-AUG	-
	Coho salmon (silver)								X	X	X	X					-	-	-	MAY-AUG	-
	Dolly varden							X	X	X							-	-	-	APR-JUN	-
	Pink salmon (humpy)											X	X	X			AUG-OCT	-	-	-	AUG-OCT
76	Coast Cutthroat trout							X	X	X	X	X					-	-	-	APR-AUG	-
	Coho salmon (silver)								X	X	X	X					-	-	-	MAY-AUG	-
	Dolly varden							X	X	X							-	-	-	APR-JUN	-
	Pink salmon (humpy)						X	X	X								-	-	-	MAR-MAY	-
	Sockeye salmon (red)								X	X	X	X					-	-	-	MAY-AUG	-
78	Chum salmon (dog)					X	X	X	X	X							-	-	-	FEB-JUN	-
	Coast Cutthroat trout							X	X	X	X	X					-	-	-	APR-AUG	-
	Coho salmon (silver)								X	X	X	X					-	-	-	MAY-AUG	-
	Dolly varden							X	X	X							-	-	-	APR-JUN	-
	Pink salmon (humpy)						X	X	X								-	-	-	MAR-MAY	-
	Sockeye salmon (red)								X	X	X	X					-	-	-	MAY-AUG	-
625	Arrowtooth flounder							X	X	X	X	X					-	-	-	-	APR-AUG
	Flathead sole								X	X	X	X	X	X	X	X	-	-	-	-	MAY-DEC
	Pacific cod									X	X	X	X	X	X	X	-	-	-	JUN-DEC	JUN-DEC
	Rock sole							X	X	X	X	X					-	-	-	-	APR-AUG
	Sablefish (blackcod)				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Sculpin				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC
	Walleye pollock				X	X	X										-	-	-	-	JAN-MAR
	Yellowfin sole				X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG	JUN-AUG	JUN-OCT	JAN-DEC	MAY-AUG
877	Pacific herring										X						-	-	-	-	-
880	Pacific herring									X	X						-	-	-	-	-
	Pacific sand lance									X	X						-	-	-	-	-

INVERTEBRATE:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Spawn/Mate	Eggs	Larvae	Juveniles	Adults
626	Tanner crab			SIGNIFICAN	X	X	X	X	X	X	X	X	X	X	X	X	DEC-JUN	APR-SEP	-	JAN-DEC	JAN-DEC
627	Tanner crab			MINOR	X	X	X	X	X	X	X	X	X	X	X	X	DEC-JUN	APR-SEP	-	JAN-DEC	JAN-DEC
630	Dungeness crab			GENERAL	X	X	X	X	X	X	X		X	X	X	X	MAY-JUL SE P-DEC	JUN-JUL SEP-SEP	-	SEP-JUL	SEP-JUL
632	Red king crab			MINOR	X	X	X	X	X	X	X	X	X	X	X	X	FEB-JUN	APR-AUG	-	JAN-DEC	JAN-DEC

MARINE MAMMAL:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Mating	Calving	Pupping	Molting
218	Sea otter			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
219	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
220	Sea otter			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
221	Sea otter			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
222	Sea otter			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
223	Sea otter			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
229	Sea otter			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
230	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
231	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
615	Harbor seal			47	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
719	Sea otter			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
821	Sea otter			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
838	Sea otter			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
839	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-

==========

HUMAN USE RESOURCES:

MARINA:

HUN#	Name	Owner	Contact	Phone
5	MARINA			
6	MARINA			

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.