ENVIRONMENTAL SENSITIVITY INDEX MAP

147°00'00" 146°37'30"
60°30'00" 60°30'00"

PRESENT ALONG SHORELINE
594

PRESENT THROUGHOUT AREA
626

PRESENT IN HINCHINBROOK ENTRANCE
540

PRESENT THROUGHOUT PRINCE WILLIAM SOUND
625 539

PRESENT NORTH OF HINCHINBROOK ENTRANCE
868 868 868

PRINCE WILLIAM SOUND

HINCHINBROOK ENTRANCE

ZAIKOF BAY

MONTAGUE ISLAND

HINCHINBROOK ISLAND

Shelter Bay

Constantine Harbor

Nuchek

Port Etches

English Bay

HINCHINBROOK LIGHTHOUSE RESERVE

60°15'00" 60°15'00"
147°00'00" 146°37'30"

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 KILOMETER
1 MILE

Not For Navigation
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CORDOVA (B -8), AK (1987) **PWS-28**

Prince William Sound - ESIMAP 28

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
224	Bald eagle			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Cormorant			LOW	X	X	X								X	X	-	-	-	-
	Glaucous-winged gull			LOW				X	X	X	X	X	X				-	-	-	-
225	Alcids			MED				X	X	X	X	X	X				-	-	-	-
	Glaucous-winged gull			LOW				X	X	X	X	X	X				-	-	-	-
	Gulls			LOW				X	X	X	X	X	X				-	-	-	-
226	Alcids			LOW				X	X	X	X	X	X				-	-	-	-
	Bald eagle			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Bufflehead			HIGH				X	X	X	X	X	X				-	-	-	-
	Cormorant			LOW	X	X	X								X	X	-	-	-	-
	Glaucous-winged gull			LOW				X	X	X	X	X	X				-	-	-	-
	Greater scaup			MED				X	X	X	X	X	X				-	-	-	-
	Gulls			LOW				X	X	X	X	X	X				-	-	-	-
	Harlequin duck			MED				X	X	X	X	X	X				-	-	-	-
	Loons			MED	X	X	X								X	X	-	-	-	-
	Mallard			HIGH				X	X	X	X	X	X				-	-	-	-
	Oldsquaw			LOW				X	X	X	X	X	X				-	-	-	-
	Pelagic cormorant			LOW				X	X	X	X	X	X				-	-	-	-
	Pigeon guillemot			MED				X	X	X	X	X	X				-	-	-	-
	Scoters			MED	X	X	X								X	X	-	-	-	-
227	Alcids			LOW				X	X	X	X	X	X				-	-	-	-
	Gulls			MED				X	X	X	X	X	X				-	-	-	-
	Loons			HIGH				X	X	X	X	X	X				-	-	-	-
235	Cormorant			LOW	X	X	X								X	X	-	-	-	-
	Harlequin duck			LOW				X	X	X	X	X	X				-	-	-	-
260	Shorebirds			MED			X	X	X	X	X	X	X	X	X		-	-	-	-
275	Bald eagle			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Glaucous-winged gull			LOW				X	X	X	X	X	X				-	-	-	-
	Gulls			LOW				X	X	X	X	X	X				-	-	-	-
	Pelagic cormorant			HIGH				X	X	X	X	X	X				-	-	-	-
	Shorebirds			LOW			X	X	X	X	X	X	X	X	X		-	-	-	-
363	Pigeon guillemot			14						X	X	X	X				JUN-SEP	-	-	-
410	Black-legged kittiwake			4234				X	X	X	X	X	X				JUN-SEP	-	-	-
	Common murre			1500						X	X	X	X				JUN-SEP	-	-	-
	Glaucous-winged gull			86						X	X	X	X				JUN-SEP	-	-	-
	Horned puffin			12						X	X	X	X				JUN-SEP	-	-	-
	Tufted puffin			3000						X	X	X	X				JUN-SEP	-	-	-
423	Arctic tern			112						X	X	X	X				JUN-SEP	-	-	-
	Black oystercatcher			14						X	X	X	X				JUN-SEP	-	-	-
	Pigeon guillemot			UNKNOWN						X	X	X	X				JUN-SEP	-	-	-
441	Pigeon guillemot			24						X	X	X	X				JUN-SEP	-	-	-
543	Waterfowl						X	X	X								-	-	-	-
548	Waterfowl				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
725	Bald eagle			LOW				X	X	X	X	X	X				-	-	-	-
	Black (common) scoter			LOW				X	X	X	X	X	X				-	-	-	-
	Black oystercatcher			HIGH				X	X	X	X	X	X				-	-	-	-
	Black-legged kittiwake			HIGH				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				-	-	-	-
	Gulls			LOW				X	X	X	X	X	X				-	-	-	-
	Harlequin duck			HIGH				X	X	X	X	X	X				-	-	-	-
	Kittlitz's murrelet			LOW				X	X	X	X	X	X				-	-	-	-
	Marbled murrelet			MED				X	X	X	X	X	X				-	-	-	-
	Murre			LOW				X	X	X	X	X	X				-	-	-	-
	Murrelets			MED				X	X	X	X	X	X				-	-	-	-
	Pelagic cormorant			MED				X	X	X	X	X	X				-	-	-	-
	Pigeon guillemot			MED				X	X	X	X	X	X				-	-	-	-
	Scoters			LOW	X	X	X								X	X	-	-	-	-
	Surf scoter			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
868	Black-legged kittiwake			LOW				X	X	X	X	X	X				-	-	-	-
	Common murre			LOW				X	X	X	X	X	X				-	-	-	-
	Fork-tailed storm-petrel			MED				X	X	X	X	X	X				-	-	-	-
	Glaucous-winged gull			LOW				X	X	X	X	X	X				-	-	-	-
	Marbled murrelet			LOW				X	X	X	X	X	X				-	-	-	-
	Murrelets			MED				X	X	X	X	X	X				-	-	-	-
	Tufted puffin			LOW				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
9	Chum salmon (dog)					X	X	X	X	X							-	-	-	FEB-JUN	-
	Coho salmon (silver)									X	X	X	X	X	X		-	-	-	MAY-OCT	-
	Pink salmon (humpy)						X	X	X								-	-	-	MAR-MAY	-
22	Coho salmon (silver)				X					X	X	X	X	X	X	X	SEP-JAN	-	-	MAY-OCT	SEP-JAN
49	Chum salmon (dog)				X					X	X	X	X	X	X	X	JUN-JAN	-	-	-	JUN-JAN
	Coho salmon (silver)									X	X	X	X				-	-	-	MAY-AUG	-
	Pink salmon (humpy)											X	X	X			AUG-OCT	-	-	-	AUG-OCT
105	Pacific herring						X	X	X								MAR-MAY	-	-	-	-
625	Arrowtooth flounder							X	X	X	X	X					-	-	-	-	APR-AUG
	Flathead sole									X	X	X	X	X	X	X	-	-	-	-	MAY-DEC
	Pacific cod										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						-	-	-	-	-
882	Capelin									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	JUN-JUL	-	SEP-JUL	SEP-JUL
																	P-DEC	SEP-SEP			
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
117	Harbor seal			30	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
224	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
225	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
226	Sea otter			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
227	Sea otter			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
235	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
260	Sea otter			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
275	Sea otter			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
539	Humpback whale	F	E					X	X	X	X	X	X				-	-	-	-
	Killer whale							X	X	X	X	X	X				-	-	-	-
540	Gray whale				X		X	X	X	X				X	X		-	-	-	-
560	Harbor seal			<10	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
577	Harbor seal			51	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
725	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
868	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-

HUMAN USE RESOURCES:

AQUACULTURE:

HUN#	Name	Owner	Contact	Phone
3	AQUACULTURE			

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.