ENVIRONMENTAL SENSITIVITY INDEX MAP

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

HINCHINBROOK ENTRANCE
HINCHINBROOK ISLAND
Montague Island
SEAL ROCKS
GULF OF ALASKA
PACIFIC OCEAN

275
539
408
227
594
883
882
592
594
626
632
627
630
632
627
632
589
406
627
626
627
625
540

PRESENT THROUGHOUT
PRINCE WILLIAM SOUND

PRESENT THROUGHOUT GULF OF ALASKA

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

146°22'30"
146°15'00"
59°30'00"
59°30'00"

MIDDLETON ISLAND
GULF OF ALASKA

590
611
310
610
609
608
607
605

146°22'30"
146°15'00"

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 1:110000

1 5 0 1 KILOMETER
1 5 0 1 MILE

Not For Navigation
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Office of Response and Restoration
Hazardous Materials Response Division

CORDOVA (A -7 & A-8), AK (1988)
MIDDLETON ISLAND (B -7), AK (1985)

PWS-39

Prince William Sound - ESIMAP 39

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
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				-	-	-	-
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		-	-	-	-
310	Black oystercatcher			46						X	X	X	X				JUN-SEP	-	-	-
	Black-legged kittiwake			123920				X	X	X	X	X	X				JUN-SEP	-	-	-
	Common murre			10000						X	X	X	X				JUN-SEP	-	-	-
	Glaucous-winged gull			2500						X	X	X	X				JUN-SEP	-	-	-
	Pelagic cormorant			7580						X	X	X	X				JUN-SEP	-	-	-
	Rhinoceros auklet			5000						X	X	X	X				JUN-SEP	-	-	-
	Thick-billed murre			100						X	X	X	X				JUN-SEP	-	-	-
	Tufted puffin			5000						X	X	X	X				JUN-SEP	-	-	-
406	Black-legged kittiwake			50				X	X	X	X	X	X				JUN-SEP	-	-	-
	Pigeon guillemot			2						X	X	X	X				JUN-SEP	-	-	-
408	Glaucous-winged gull			42						X	X	X	X				JUN-SEP	-	-	-
	Horned puffin			2						X	X	X	X				JUN-SEP	-	-	-
	Pelagic cormorant			56						X	X	X	X				JUN-SEP	-	-	-
	Pigeon guillemot			40						X	X	X	X				JUN-SEP	-	-	-
	Tufted puffin			30						X	X	X	X				JUN-SEP	-	-	-
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

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
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
882	Capelin										X						-	-	-	-	-
883	Capelin										X						-	-	-	-	-
	Pacific herring										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
227	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		-	-	-	-
589	Northern (Steller) sea lion	F	E	0					X	X	X	X					-	MAY-AUG	-	-
590	Northern (Steller) sea lion	F	E	0	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
592	Northern (Steller) sea lion	F	E	100	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
605	Harbor seal			493	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
607	Harbor seal			246	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
608	Harbor seal			185	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
609	Harbor seal			33	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
610	Harbor seal			221	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
611	Harbor seal			86	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-

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.

Prince William Sound - ESIMAP 47 (inset of map 39)

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
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	Black-legged kittiwake			123920				X	X	X	X	X	X				JUN-SEP	-	-	-
	Common murre			10000						X	X	X	X				JUN-SEP	-	-	-
	Glaucous-winged gull			2500						X	X	X	X				JUN-SEP	-	-	-
	Pelagic cormorant			7580						X	X	X	X				JUN-SEP	-	-	-
	Rhinoceros auklet			5000						X	X	X	X				JUN-SEP	-	-	-
	Thick-billed murre			100						X	X	X	X				JUN-SEP	-	-	-
	Tufted puffin			5000						X	X	X	X				JUN-SEP	-	-	-

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
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

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
590	Northern (Steller) sea lion	F	E	0	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
605	Harbor seal			493	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
607	Harbor seal			246	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
608	Harbor seal			185	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
609	Harbor seal			33	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
610	Harbor seal			221	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
611	Harbor seal			86	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-

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