ENVIRONMENTAL SENSITIVITY INDEX MAP

146°15'00" 145°52'30"
60°30'00" 60°30'00"

HAWKINS ISLAND
HAWKINS ISLAND CUTOFF
HINCHINBROOK ISLAND
STRAWBERRY CHANNEL
GULF OF ALASKA
Mummy I.
Strawberry Hill
FINE RANGE

60°15'00" 60°15'00"
146°15'00" 145°52'30"

PRESENT THROUGHOUT PRINCE WILLIAM SOUND
625

PRESENT ON TIDAL FLATS AND BEACHES
634

PRESENT ALONG SHORELINE
594

PRESENT THROUGHOUT AREA
627
630
632

PRESENT IN HAWKINS ISLAND CUTOFF
551

PRESENT THROUGHOUT GULF OF ALASKA
540

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

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Prince William Sound - ESIMAP 30

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				-	-	-	-
228	Arctic tern			LOW				X	X	X	X	X	X				-	-	-	-
	Black-legged kittiwake			LOW				X	X	X	X	X	X				-	-	-	-
	Glaucous-winged gull			MED				X	X	X	X	X	X				-	-	-	-
	Goldeneye			LOW	X	X	X								X	X	-	-	-	-
	Gulls			MED				X	X	X	X	X	X				-	-	-	-
	Scoters			LOW	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	-	-	-	-
361	Pigeon guillemot			4						X	X	X	X				JUN-SEP	-	-	-
413	Black-legged kittiwake			104				X	X	X	X	X	X				JUN-SEP	-	-	-
	Double-crested cormorant			4						X	X	X	X				JUN-SEP	-	-	-
	Glaucous-winged gull			4						X	X	X	X				JUN-SEP	-	-	-
	Pigeon guillemot			2						X	X	X	X				JUN-SEP	-	-	-
415	Black-legged kittiwake			1800				X	X	X	X	X	X				JUN-SEP	-	-	-
	Double-crested cormorant			52						X	X	X	X				JUN-SEP	-	-	-
	Glaucous-winged gull			7						X	X	X	X				JUN-SEP	-	-	-
	Pelagic cormorant			56						X	X	X	X				JUN-SEP	-	-	-
	Pigeon guillemot			6						X	X	X	X				JUN-SEP	-	-	-
	Tufted puffin			60						X	X	X	X				JUN-SEP	-	-	-
416	Black oystercatcher			2						X	X	X	X				JUN-SEP	-	-	-
	Black-legged kittiwake			832				X	X	X	X	X	X				JUN-SEP	-	-	-
	Glaucous-winged gull			246						X	X	X	X				JUN-SEP	-	-	-
	Horned puffin			4						X	X	X	X				JUN-SEP	-	-	-
	Tufted puffin			12						X	X	X	X				JUN-SEP	-	-	-
422	Arctic tern			UNKNOWN						X	X	X	X				JUN-SEP	-	-	-
	Glaucous-winged gull			UNKNOWN						X	X	X	X				JUN-SEP	-	-	-
427	Glaucous-winged gull			200						X	X	X	X				JUN-SEP	-	-	-
437	Pigeon guillemot			40						X	X	X	X				JUN-SEP	-	-	-
438	Pigeon guillemot			80						X	X	X	X				JUN-SEP	-	-	-
541	Waterfowl						X	X	X	X	X	X	X	X	X		JUN-AUG	-	-	-
542	Waterfowl						X	X	X				X	X	X		-	-	-	-
543	Waterfowl						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								-	-	-	-

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
10	Coho salmon (silver)								X	X	X	X	X	X			-	-	-	MAY-OCT	-
	Pink salmon (humpy)											X	X	X			AUG-OCT	-	-	-	AUG-OCT
11	Chum salmon (dog)				X					X	X	X	X	X	X	X	JUN-JAN	-	-	-	JUN-JAN
19	Coho salmon (silver)								X	X	X	X	X	X			-	-	-	MAY-OCT	-
22	Coho salmon (silver)				X					X	X	X	X	X	X	X	SEP-JAN	-	-	MAY-OCT	SEP-JAN
73	Coast Cutthroat trout				X	X	X	X	X	X	X	X	X	X	X	X	APR-JUN	-	-	JAN-DEC	JAN-DEC
	Coho salmon (silver)				X				X	X	X	X	X	X	X	X	SEP-JAN	-	-	MAY-OCT	SEP-JAN
	Pink salmon (humpy)											X	X	X			AUG-OCT	-	-	-	AUG-OCT
75	Coho salmon (silver)								X	X	X	X					-	-	-	MAY-AUG	-
	Pink salmon (humpy)						X	X	X								-	-	-	MAR-MAY	-
80	Coast Cutthroat trout							X	X	X	X	X					-	-	-	APR-AUG	-
	Coho salmon (silver)				X				X	X	X	X	X	X	X	X	SEP-JAN	-	-	MAY-OCT	SEP-JAN
	Pink salmon (humpy)											X	X	X			AUG-OCT	-	-	-	AUG-OCT
85	Coast Cutthroat trout							X	X	X	X	X					-	-	-	APR-AUG	-
	Dolly varden							X	X	X							-	-	-	APR-JUN	-
	Pink salmon (humpy)						X	X	X								-	-	-	MAR-MAY	-
	Sockeye salmon (red)				X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG	-	-	JAN-DEC	MAY-AUG
87	Coast Cutthroat trout							X	X	X	X	X					-	-	-	APR-AUG	-
	Coho salmon (silver)				X				X	X	X	X	X	X	X	X	SEP-JAN	-	-	MAY-OCT	SEP-JAN
	Dolly varden							X	X	X							-	-	-	APR-JUN	-
	Pink salmon (humpy)						X	X	X								-	-	-	MAR-MAY	-
	Sockeye salmon (red)								X	X	X	X					-	-	-	MAY-AUG	-
90	Coast Cutthroat trout							X	X	X	X	X					-	-	-	APR-AUG	-
	Coho salmon (silver)								X	X	X	X	X	X			-	-	-	MAY-OCT	-
	Sockeye salmon (red)								X	X	X	X					-	-	-	MAY-AUG	-
92	Coast Cutthroat trout				X	X	X	X	X	X	X	X	X	X	X	X	APR-JUN	-	-	JAN-DEC	JAN-DEC
	Coho salmon (silver)				X				X	X	X	X	X	X	X	X	SEP-JAN	-	-	MAY-OCT	SEP-JAN
	Pink salmon (humpy)						X	X	X								-	-	-	MAR-MAY	-
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

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
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
227	Sea otter			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
228	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	-
540	Gray whale				X		X	X	X	X				X	X		-	-	-	-
602	Harbor seal			117	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
613	Harbor seal			44	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.