ENVIRONMENTAL SENSITIVITY INDEX MAP

147°22'30" 147°00'00"
60°45'00" 60°45'00"

Lilijegren Passage
McPherson Passage
McPherson Bay
Peak Island
Smith Island
ISLA
NAKED
PRINCE WILLIAM SOUND

687 334 378 594 877 239 377 335 376 594 881 364 315 594 368 594 236 136 539 555 594 881 555 566 255 555 594 370 372 109 538 594 539 869 868

PRESENT THROUGHOUT PRINCE WILLIAM SOUND
625

PRESENT THROUGHOUT AREA
627

60°30'00" 60°30'00"
147°22'30" 147°00'00"

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

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46

Not For Navigation
Published: July 2000

Published at Seattle, Washington
National Oceanic and Atmospheric Administration
National Ocean Service
Office of Response and Restoration
Hazardous Materials Response Division

SEWARD (C-1), AK (1987) **PWS-18**

Prince William Sound - ESIMAP 18

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
236	Oldsquaw			LOW				X	X	X	X	X	X				-	-	-	-
239	Cormorant			LOW	X	X	X								X	X	-	-	-	-
	Gulls			LOW				X	X	X	X	X	X				-	-	-	-
	Shorebirds			LOW			X	X	X	X	X	X	X	X	X		-	-	-	-
255	Black (common) scoter			MED				X	X	X	X	X	X				-	-	-	-
315	Horned puffin			20						X	X	X	X				JUN-SEP	-	-	-
	Parakeet auklet			50						X	X	X	X				JUN-SEP	-	-	-
	Pigeon guillemot			UNKNOWN						X	X	X	X				JUN-SEP	-	-	-
	Tufted puffin			50						X	X	X	X				JUN-SEP	-	-	-
334	Arctic tern			56						X	X	X	X				JUN-SEP	-	-	-
	Pigeon guillemot			15						X	X	X	X				JUN-SEP	-	-	-
335	Black oystercatcher			2						X	X	X	X				JUN-SEP	-	-	-
	Horned puffin			20						X	X	X	X				JUN-SEP	-	-	-
	Parakeet auklet			70						X	X	X	X				JUN-SEP	-	-	-
	Tufted puffin			40						X	X	X	X				JUN-SEP	-	-	-
364	Pigeon guillemot			6						X	X	X	X				JUN-SEP	-	-	-
368	Pigeon guillemot			9						X	X	X	X				JUN-SEP	-	-	-
370	Pigeon guillemot			5						X	X	X	X				JUN-SEP	-	-	-
372	Pigeon guillemot			7						X	X	X	X				JUN-SEP	-	-	-
376	Horned puffin			2						X	X	X	X				JUN-SEP	-	-	-
	Parakeet auklet			13						X	X	X	X				JUN-SEP	-	-	-
	Pigeon guillemot			12						X	X	X	X				JUN-SEP	-	-	-
	Tufted puffin			6						X	X	X	X				JUN-SEP	-	-	-
377	Pigeon guillemot			13						X	X	X	X				JUN-SEP	-	-	-
378	Parakeet auklet			32						X	X	X	X				JUN-SEP	-	-	-
	Pigeon guillemot			11						X	X	X	X				JUN-SEP	-	-	-
538	Arctic tern			5						X	X	X	X				JUN-SEP	-	-	-
	Black oystercatcher			4						X	X	X	X				JUN-SEP	-	-	-
	Horned puffin			30						X	X	X	X				JUN-SEP	-	-	-
	Parakeet auklet			70						X	X	X	X				JUN-SEP	-	-	-
	Tufted puffin			200						X	X	X	X				JUN-SEP	-	-	-
555	Shorebirds						X	X	X								-	-	-	-
	Waterfowl						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
687	Arctic tern			LOW				X	X	X	X	X	X				-	-	-	-
	Black-legged kittiwake			HIGH				X	X	X	X	X	X				-	-	-	-
	Glaucous-winged gull			MED				X	X	X	X	X	X				-	-	-	-
	Harlequin duck			LOW				X	X	X	X	X	X				-	-	-	-
	Marbled murrelet			MED				X	X	X	X	X	X				-	-	-	-
	Murrelets			MED				X	X	X	X	X	X				-	-	-	-
	Pigeon guillemot			HIGH				X	X	X	X	X	X				-	-	-	-
	Tufted puffin			LOW				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				-	-	-	-
869	Black-legged kittiwake			LOW				X	X	X	X	X	X				-	-	-	-
	Fork-tailed storm-petrel			LOW				X	X	X	X	X	X				-	-	-	-
	Kittlitz's murrelet			LOW				X	X	X	X	X	X				-	-	-	-
	Marbled murrelet			LOW				X	X	X	X	X	X				-	-	-	-
	Murrelets			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
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						-	-	-	-	-
881	Pacific herring										X						-	-	-	-	-
	Pacific sand lance										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
627	Tanner crab			MINOR	X	X	X	X	X	X	X	X	X	X	X	X	DEC-JUN	APR-SEP	-	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
109	Harbor seal			24	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
136	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
236	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
239	Sea otter			LOW	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				-	-	-	-
566	Harbor seal			78	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
687	Sea otter			MED	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	-
869	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-

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.