ENVIRONMENTAL SENSITIVITY INDEX MAP

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

MONTAGUE STRAIT
HANNING BAY
PATTON BAY
JEANIE COVE
GULF OF ALASKA
PACIFIC OCEAN
Braided Creek
Nellie Martin River
Tortuous Creek
Jeannie Creek
Strike Creek
Deception Creek

PRESENT THROUGHOUT PRINCE WILLIAM SOUND

625

PRESENT ALONG SHORELINE

594

PRESENT THROUGHOUT SOUTHERN MONTAGUE STRAIT

873 873

PRESENT THROUGHOUT AREA

627
632

PRESENT THROUGHOUT GULF OF ALASKA

540

59°45'00" 59°45'00"
147°45'00" 147°22'30"

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 1:95000

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

Not For Navigation
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Hazardous Materials Response Division

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

BLYING SOUND (D -1 & D-2), AK (1988) **PWS-43**

Prince William Sound - ESIMAP 43

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
264	Alcids			MED				X	X	X	X	X	X				-	-	-	-
	Bufflehead			LOW				X	X	X	X	X	X				-	-	-	-
	Harlequin duck			MED				X	X	X	X	X	X				-	-	-	-
	Shorebirds			LOW	X	X	X								X	X	-	-	-	-
	White-winged scoter			LOW	X	X	X								X	X	-	-	-	-
265	Goldeneye			HIGH	X	X	X								X	X	-	-	-	-
	Gulls			LOW				X	X	X	X	X	X				-	-	-	-
	Harlequin duck			MED				X	X	X	X	X	X				-	-	-	-
	Scoters			HIGH	X	X	X								X	X	-	-	-	-
266	Gulls			LOW				X	X	X	X	X	X				-	-	-	-
	Harlequin duck			LOW				X	X	X	X	X	X				-	-	-	-
270	Cormorant			LOW	X	X	X								X	X	-	-	-	-
	Eiders			LOW				X	X	X	X	X	X				-	-	-	-
	Scoters			MED	X	X	X								X	X	-	-	-	-
271	Bufflehead			MED				X	X	X	X	X	X				-	-	-	-
	Jaegers			MED				X	X	X	X	X	X				-	-	-	-
272	Gulls			LOW				X	X	X	X	X	X				-	-	-	-
	Harlequin duck			LOW				X	X	X	X	X	X				-	-	-	-
	Scoters			MED	X	X	X								X	X	-	-	-	-
	Surf scoter			LOW	X	X	X								X	X	-	-	-	-
273	Alcids			MED				X	X	X	X	X	X				-	-	-	-
	Pelagic cormorant			LOW				X	X	X	X	X	X				-	-	-	-
	Pigeon guillemot			HIGH				X	X	X	X	X	X				-	-	-	-
	Scoters			LOW				X	X	X	X	X	X				-	-	-	-
	Shorebirds			LOW			X	X	X	X	X	X	X	X	X		-	-	-	-
274	Murrelets			MED				X	X	X	X	X	X				-	-	-	-
	Storm-petrels			LOW				X	X	X	X	X	X				-	-	-	-
311	Arctic tern			200						X	X	X	X				JUN-SEP	-	-	-
508	Ancient murrelet			UNKNOWN						X	X	X	X				JUN-SEP	-	-	-
	Horned puffin			10						X	X	X	X				JUN-SEP	-	-	-
	Tufted puffin			100						X	X	X	X				JUN-SEP	-	-	-
518	Glaucous-winged gull			20						X	X	X	X				JUN-SEP	-	-	-
	Horned puffin			10						X	X	X	X				JUN-SEP	-	-	-
	Tufted puffin			100						X	X	X	X				JUN-SEP	-	-	-
528	Black oystercatcher			6						X	X	X	X				JUN-SEP	-	-	-
	Black-legged kittiwake			2350				X	X	X	X	X	X				JUN-SEP	-	-	-
	Common murre			80						X	X	X	X				JUN-SEP	-	-	-
	Double-crested cormorant			8						X	X	X	X				JUN-SEP	-	-	-
	Fork-tailed storm-petrel			2060						X	X	X	X				JUN-SEP	-	-	-
	Glaucous-winged gull			150						X	X	X	X				JUN-SEP	-	-	-
	Horned puffin			30						X	X	X	X				JUN-SEP	-	-	-
	Leach's storm-petrel			400						X	X	X	X				JUN-SEP	-	-	-
	Parakeet auklet			25						X	X	X	X				JUN-SEP	-	-	-
	Pelagic cormorant			44						X	X	X	X				JUN-SEP	-	-	-
	Pigeon guillemot			100						X	X	X	X				JUN-SEP	-	-	-
	Red-faced cormorant			4						X	X	X	X				JUN-SEP	-	-	-
	Tufted puffin			9600						X	X	X	X				JUN-SEP	-	-	-
543	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
873	Ancient murrelet			LOW				X	X	X	X	X	X				-	-	-	-
	Black-legged kittiwake			HIGH				X	X	X	X	X	X				-	-	-	-
	Common murre			LOW				X	X	X	X	X	X				-	-	-	-
	Fork-tailed storm-petrel			HIGH				X	X	X	X	X	X				-	-	-	-
	Glaucous-winged gull			LOW				X	X	X	X	X	X				-	-	-	-
	Goldeneye			LOW				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				-	-	-	-
	Mew gull			LOW				X	X	X	X	X	X				-	-	-	-
	Murre			LOW				X	X	X	X	X	X				-	-	-	-
	Murrelets			MED				X	X	X	X	X	X				-	-	-	-
	Oldsquaw			LOW	X	X	X								X	X	-	-	-	-
	Scoters			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Shearwaters			HIGH				X	X	X	X	X	X				-	-	-	-
	Surf scoter			LOW	X	X	X								X	X	-	-	-	-
	Surf scoter			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	White-winged scoter			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	White-winged scoter			LOW	X	X	X								X	X	-	-	-	-
	White-winged scoter			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	-
10	Coho salmon (silver)								X	X	X	X	X	X			-	-	-	MAY-OCT	-
	Pink salmon (humpy)											X	X	X			AUG-OCT	-	-	-	AUG-OCT
19	Coho salmon (silver)								X	X	X	X	X	X			-	-	-	MAY-OCT	-
22	Coho salmon (silver)				X				X	X	X	X	X	X	X	X	SEP-JAN	-	-	MAY-OCT	SEP-JAN
23	Coho salmon (silver)								X	X	X	X	X	X			-	-	-	MAY-OCT	-
	Sockeye salmon (red)				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
25	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
26	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				AUG-OCT	-	-	-	AUG-OCT
27	Coho salmon (silver)								X	X	X	X	X	X			-	-	-	MAY-OCT	-
	Dolly varden							X	X	X							-	-	-	APR-JUN	-
	Pink salmon (humpy)						X	X	X								-	-	-	MAR-MAY	-
28	Coho salmon (silver)								X	X	X	X	X	X			-	-	-	MAY-OCT	-
	Dolly varden				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Pink salmon (humpy)						X	X	X								-	-	-	MAR-MAY	-
29	Coho salmon (silver)								X	X	X	X	X	X			-	-	-	MAY-OCT	-
	Dolly varden							X	X	X							-	-	-	APR-JUN	-
	Pink salmon (humpy)										X	X	X				AUG-OCT	-	-	-	AUG-OCT
30	Coho salmon (silver)								X	X	X	X	X	X			-	-	-	MAY-OCT	-
	Pink salmon (humpy)						X	X	X								-	-	-	MAR-MAY	-
32	Coast Cutthroat trout							X	X	X	X	X					-	-	-	APR-AUG	-
	Coho salmon (silver)								X	X	X	X	X	X			-	-	-	MAY-OCT	-
34	Coast Cutthroat trout							X	X	X	X	X					-	-	-	APR-AUG	-
	Coho salmon (silver)								X	X	X	X	X	X			-	-	-	MAY-OCT	-
	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
883	Capelin									X							-	-	-	-	-
	Pacific herring									X							-	-	-	-	-
884	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
627	Tanner crab			MINOR	X	X	X	X	X	X	X	X	X	X	X	X	DEC-JUN	APR-SEP	-	JAN-DEC	JAN-DEC
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

Prince William Sound - ESIMAP 43 cont.

BIOLOGICAL RESOURCES: cont.

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
264	Sea otter			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
266	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
270	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
272	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
274	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				-	-	-	-
540	Gray whale				X		X	X	X	X					X	X	-	-	-	-
589	Northern (Steller) sea lion	F	E	0					X	X	X	X					-	MAY-AUG	-	-
633	Harbor seal				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
873	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.