ENVIRONMENTAL SENSITIVITY INDEX MAP

147°45'00" 147°22'30"
61°15'00" 61°15'00"

PRESENT THROUGHOUT PRINCE WILLIAM SOUND
625

PRESENT THROUGHOUT AREA
627
629

HARVARD ARM
DORA
KEF
RANGE
YALE ARM
GLACIER
Crevasses
Mount Castner
Ranney Glacier
Mount Grosvenor
MEARES GLACIER
Dartmouth
Baby Glacier
Coghill River
Muth Glacier
Brilliant Glacier
UNAKWIK INLET
INDEF BOUNDARY
Miners Lake
Miners Bay
Unakwik Peak
Jonah Bay
Wells Bay
CHUGACH NATIONAL FOREST

543 628 136 453 628 547 564 547 360 361 137
3 3 568 3 3 3 157 3 3 3

Prince William Sound - ESIMAP 3

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
137	Black oystercatcher			HIGH				X	X	X	X	X	X				-	-	-	-
	Black-legged kittiwake			MED				X	X	X	X	X	X				-	-	-	-
	Goldeneye			HIGH	X	X	X								X	X	-	-	-	-
	Mallard			MED				X	X	X	X	X	X				-	-	-	-
	Mergansers			LOW	X	X	X								X	X	-	-	-	-
	Mew gull			HIGH				X	X	X	X	X	X				-	-	-	-
	Scoters			LOW	X	X	X								X	X	-	-	-	-
155	Terns			LOW				X	X	X	X	X	X				-	-	-	-
156	Black-legged kittiwake			LOW				X	X	X	X	X	X				-	-	-	-
	Goldeneye			MED	X	X	X								X	X	-	-	-	-
	Gulls			LOW				X	X	X	X	X	X				-	-	-	-
	Mallard			LOW				X	X	X	X	X	X				-	-	-	-
	Mergansers			LOW	X	X	X								X	X	-	-	-	-
	Mew gull			LOW				X	X	X	X	X	X				-	-	-	-
	Pigeon guillemot			LOW				X	X	X	X	X	X				-	-	-	-
157	Black-legged kittiwake			LOW				X	X	X	X	X	X				-	-	-	-
	Gulls			LOW				X	X	X	X	X	X				-	-	-	-
	Mallard			LOW				X	X	X	X	X	X				-	-	-	-
158	Glaucous-winged gull			MED				X	X	X	X	X	X				-	-	-	-
	Herring gull			HIGH				X	X	X	X	X	X				-	-	-	-
	Mallard			LOW				X	X	X	X	X	X				-	-	-	-
	Mew gull			LOW				X	X	X	X	X	X				-	-	-	-
159	Bald eagle			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Black-legged kittiwake			LOW				X	X	X	X	X	X				-	-	-	-
	Ducks			LOW	X	X	X								X	X	-	-	-	-
	Goldeneye			HIGH	X	X	X								X	X	-	-	-	-
	Gulls			LOW				X	X	X	X	X	X				-	-	-	-
	Harlequin duck			LOW				X	X	X	X	X	X				-	-	-	-
	Loons			LOW	X	X	X								X	X	-	-	-	-
	Mallard			LOW				X	X	X	X	X	X				-	-	-	-
	Mergansers			HIGH	X	X	X								X	X	-	-	-	-
	Mew gull			LOW				X	X	X	X	X	X				-	-	-	-
	Scaup			HIGH	X	X	X								X	X	-	-	-	-
	Scoters			MED	X	X	X								X	X	-	-	-	-
	Shorebirds			LOW	X	X	X								X	X	-	-	-	-
162	Black-legged kittiwake			LOW				X	X	X	X	X	X				-	-	-	-
	Goldeneye			LOW	X	X	X								X	X	-	-	-	-
	Mallard			LOW				X	X	X	X	X	X				-	-	-	-
	Mew gull			HIGH				X	X	X	X	X	X				-	-	-	-
321	Arctic tern			30						X	X	X	X				JUN-SEP	-	-	-
360	Pigeon guillemot			19						X	X	X	X				JUN-SEP	-	-	-
361	Pigeon guillemot			4						X	X	X	X				JUN-SEP	-	-	-
452	Arctic tern			100						X	X	X	X				JUN-SEP	-	-	-
	Black oystercatcher			2						X	X	X	X				JUN-SEP	-	-	-
	Glaucous-winged gull			40						X	X	X	X				JUN-SEP	-	-	-
453	Arctic tern			UNKNOWN						X	X	X	X				JUN-SEP	-	-	-
	Black oystercatcher			8						X	X	X	X				JUN-SEP	-	-	-
	Black-legged kittiwake			724				X	X	X	X	X	X				JUN-SEP	-	-	-
	Glaucous-winged gull			1200						X	X	X	X				JUN-SEP	-	-	-
543	Waterfowl						X	X	X								-	-	-	-
547	Waterfowl				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
788	Arctic tern			MED				X	X	X	X	X	X				-	-	-	-
	Birds			LOW				X	X	X	X	X	X				-	-	-	-
	Black (common) scoter			HIGH				X	X	X	X	X	X				-	-	-	-
	Black oystercatcher			MED				X	X	X	X	X	X				-	-	-	-
	Black-legged kittiwake			LOW				X	X	X	X	X	X				-	-	-	-
	Common goldeneye			LOW				X	X	X	X	X	X				-	-	-	-
	Common loon			MED				X	X	X	X	X	X				-	-	-	-
	Diving ducks			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Ducks			LOW	X	X	X								X	X	-	-	-	-
	Glaucous-winged gull			HIGH				X	X	X	X	X	X				-	-	-	-
	Goldeneye			HIGH	X	X	X								X	X	-	-	-	-
	Great blue heron			LOW				X	X	X	X	X	X				-	-	-	-
	Grebes			LOW	X	X	X								X	X	-	-	-	-
	Gulls			HIGH				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				-	-	-	-
	Mew gull			HIGH				X	X	X	X	X	X				-	-	-	-
	Murrelets			MED				X	X	X	X	X	X				-	-	-	-
	Red-breasted merganser			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Red-necked grebe			MED	X	X	X								X	X	-	-	-	-
	Rock sandpiper			MED	X	X	X								X	X	-	-	-	-
	Scaup			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Scoters			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Shorebirds			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Surf scoter			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Whimbrel			LOW				X	X	X	X	X	X				-	-	-	-
	White-winged scoter			MED	X	X	X	X	X	X	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
1	Chum salmon (dog)				X				X	X	X	X	X	X	X	X	JUN-JAN	-	-	-	JUN-JAN
	Coho salmon (silver)				X			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
	Sockeye salmon (red)				X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG	-	-	JAN-DEC	MAY-AUG
3	Pink salmon (humpy)											X	X	X			AUG-OCT	-	-	-	AUG-OCT
5	Chum salmon (dog)					X	X	X	X	X							-	-	-	FEB-JUN	-
	Pink salmon (humpy)						X	X	X								-	-	-	MAR-MAY	-
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
20	Chum salmon (dog)					X	X	X	X	X							-	-	-	FEB-JUN	-
	Pink salmon (humpy)											X	X	X			AUG-OCT	-	-	-	AUG-OCT
65	Chum salmon (dog)					X	X	X	X	X							-	-	-	FEB-JUN	-
	Pink salmon (humpy)											X	X	X			AUG-OCT	-	-	-	AUG-OCT
	Sockeye salmon (red)								X	X	X	X					-	-	-	MAY-AUG	-
68	Chinook salmon				X	X					X	X	X	X	X	X	JUL-FEB	-	-	-	JUL-FEB
	Chum salmon (dog)				X					X	X	X	X	X	X	X	JUN-JAN	-	-	-	JUN-JAN
	Coho salmon (silver)								X	X	X	X	X	X			-	-	-	MAY-OCT	-
	Pink salmon (humpy)											X	X	X			AUG-OCT	-	-	-	AUG-OCT
	Sockeye salmon (red)				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
83	Coast Cutthroat trout							X	X	X	X	X					-	-	-	APR-AUG	-
	Coho salmon (silver)								X	X	X	X					-	-	-	MAY-AUG	-
	Dolly varden							X	X	X							-	-	-	APR-JUN	-
	Pink salmon (humpy)											X	X	X			AUG-OCT	-	-	-	AUG-OCT
	Sockeye salmon (red)				X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG	-	-	JAN-DEC	MAY-AUG
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
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
628	Blue king crab			SIGNIFICAN	X	X	X	X	X	X	X	X	X	X	X	X	FEB-JUN	APR-JUL	-	JAN-DEC	JAN-DEC
629	Blue king crab			MINOR	X	X	X	X	X	X	X	X	X	X	X	X	FEB-JUN	APR-JUL	-	JAN-DEC	JAN-DEC

Prince William Sound - ESIMAP 3 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
136	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
137	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
156	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
158	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
159	Sea otter			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
162	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
564	Harbor seal				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
568	Harbor seal			293	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
788	Sea otter			HIGH	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.