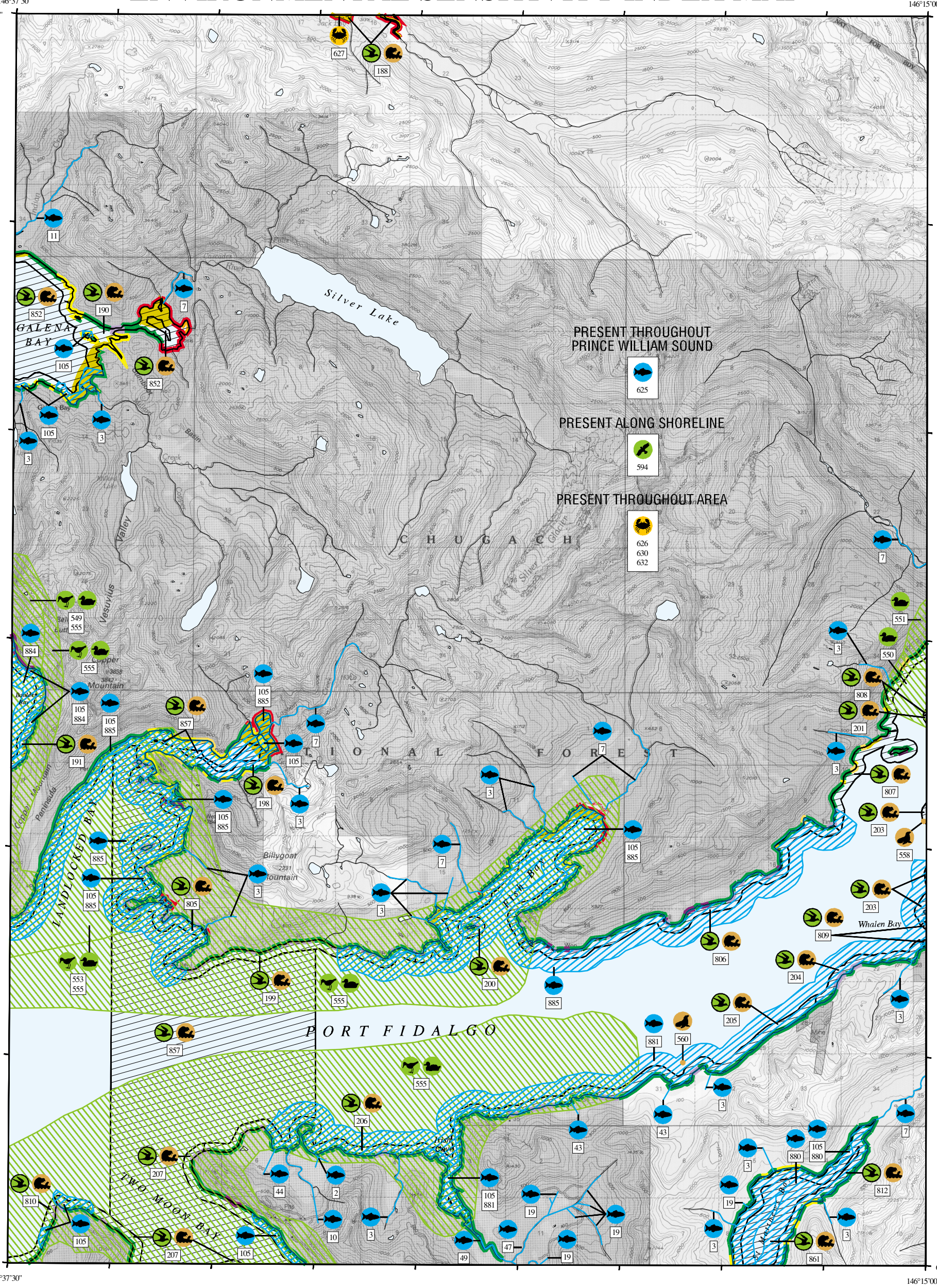
ENVIRONMENTAL SENSITIVITY INDEX MAP



SHORELINE HABITATS

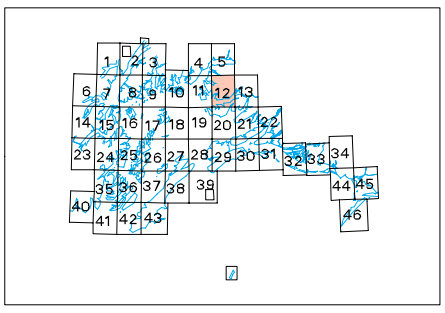
- 1A EXPOSED ROCKY SHORES
- 2A EXPOSED WAVE–CUT PLATFORMS IN BEDROCK
- 3A FINE– TO MEDIUM–GRAINED SAND BEACHES
- 4 COARSE–GRAINED SAND BEACHES (NOT PRESENT)
- 5 MIXED SAND AND GRAVEL BEACHES
- 6A GRAVEL BEACHES
- 6B RIPRAP
- 7 EXPOSED TIDAL FLATS
- 8A SHELTERED ROCKY SHORES
- 8D SHELTERED ROCKY RUBBLE 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



Not For Navigation

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CORDOVA (D-7), AK (1994) PWS-12

Prince William Sound - ESIMAP 12

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
188	Black-legged kittiwake			MED				X	X	X	X	X	X				-	-	-	-
	Goldeneye			LOW	X	X	X								X	X	-	-	-	-
190	Black-legged kittiwake			MED				X	X	X	X	X	X				-	-	-	-
	Goldeneye			MED	X	X	X								X	X	-	-	-	-
	Mew gull			LOW				X	X	X	X	X	X				-	-	-	-
191	Black-legged kittiwake			LOW				X	X	X	X	X	X				-	-	-	-
	Goldeneye			MED	X	X	X								X	X	-	-	-	-
	Great blue heron			HIGH				X	X	X	X	X	X				-	-	-	-
	Murrelets			LOW				X	X	X	X	X	X				-	-	-	-
198	Alcids			MED				X	X	X	X	X	X				-	-	-	-
	Cormorant			LOW	X	X	X								X	X	-	-	-	-
	Goldeneye			LOW	X	X	X								X	X	-	-	-	-
	Greater scaup			LOW				X	X	X	X	X	X				-	-	-	-
	Gulls			LOW				X	X	X	X	X	X				-	-	-	-
	Harlequin duck			LOW				X	X	X	X	X	X				-	-	-	-
	Mallard			MED				X	X	X	X	X	X				-	-	-	-
	Mergansers			MED	X	X	X								X	X	-	-	-	-
	Pigeon guillemot			HIGH				X	X	X	X	X	X				-	-	-	-
	Puffins			LOW				X	X	X	X	X	X				-	-	-	-
	Scoters			MED	X	X	X								X	X	-	-	-	-
199	Gulls			LOW				X	X	X	X	X	X				-	-	-	-
	Mergansers			LOW	X	X	X								X	X	-	-	-	-
	Pigeon guillemot			MED				X	X	X	X	X	X				-	-	-	-
200	Alcids			MED				X	X	X	X	X	X				-	-	-	-
	Bufflehead			LOW				X	X	X	X	X	X				-	-	-	-
	Goldeneye			HIGH	X	X	X								X	X	-	-	-	-
	Gulls			LOW				X	X	X	X	X	X				-	-	-	-
	Mallard			HIGH				X	X	X	X	X	X				-	-	-	-
	Mergansers			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Pigeon guillemot			LOW				X	X	X	X	X	X				-	-	-	-
	Scaup			LOW	X	X	X								X	X	-	-	-	-
	Scoters			MED	X	X	X								X	X	-	-	-	-
201	Black-legged kittiwake			LOW				X	X	X	X	X	X				-	-	-	-
	Glaucous-winged gull			LOW				X	X	X	X	X	X				-	-	-	-
	Goldeneye			MED	X	X	X								X	X	-	-	-	-
	Harlequin duck			LOW				X	X	X	X	X	X				-	-	-	-
	Mallard			HIGH				X	X	X	X	X	X				-	-	-	-
	Mergansers			HIGH	X	X	X								X	X	-	-	-	-
	Pelagic cormorant			LOW				X	X	X	X	X	X				-	-	-	-
	Scoters			HIGH	X	X	X								X	X	-	-	-	-
203	Goldeneye			MED	X	X	X								X	X	-	-	-	-
	Mergansers			MED	X	X	X								X	X	-	-	-	-
204	Bald eagle			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Goldeneye			HIGH	X	X	X								X	X	-	-	-	-
	Harlequin duck			LOW				X	X	X	X	X	X				-	-	-	-
	Mallard			HIGH				X	X	X	X	X	X				-	-	-	-
	Mergansers			HIGH	X	X	X								X	X	-	-	-	-
	Pigeon guillemot			LOW				X	X	X	X	X	X				-	-	-	-
	Scoters			HIGH	X	X	X								X	X	-	-	-	-
205	Alcids			MED				X	X	X	X	X	X				-	-	-	-
	Black-legged kittiwake			LOW				X	X	X	X	X	X				-	-	-	-
	Greater scaup			LOW				X	X	X	X	X	X				-	-	-	-
	Harlequin duck			LOW				X	X	X	X	X	X				-	-	-	-
	Horned puffin			LOW				X	X	X	X	X	X				-	-	-	-
	Loons			LOW				X	X	X	X	X	X				-	-	-	-
	Mergansers			MED	X	X	X								X	X	-	-	-	-
	Murrelets			LOW				X	X	X	X	X	X				-	-	-	-
	Pelagic cormorant			MED				X	X	X	X	X	X				-	-	-	-
206	Alcids			MED				X	X	X	X	X	X				-	-	-	-
	Glaucous-winged gull			MED				X	X	X	X	X	X				-	-	-	-
	Gulls			LOW				X	X	X	X	X	X				-	-	-	-
	Harlequin duck			LOW				X	X	X	X	X	X				-	-	-	-
	Loons			MED				X	X	X	X	X	X				-	-	-	-
	Mergansers			LOW	X	X	X								X	X	-	-	-	-
	Scoters			MED	X	X	X								X	X	-	-	-	-
207	Mergansers			MED	X	X	X								X	X	-	-	-	-
	Scoters			LOW	X	X	X								X	X	-	-	-	-
549	Waterfowl						X	X	X	X	X	X					-	-	-	-
550	Waterfowl						X	X	X	X	X	X	X	X			-	-	-	-
551	Waterfowl				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
553	Waterfowl									X	X	X					-	-	-	-
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
805	Arctic tern			LOW				X	X	X	X	X	X				-	-	-	-
	Bald eagle			LOW				X	X	X	X	X	X				-	-	-	-
	Black-legged kittiwake			MED				X	X	X	X	X	X				-	-	-	-
	Common merganser			MED				X	X	X	X	X	X				-	-	-	-
	Cormorant			LOW	X	X	X								X	X	-	-	-	-
	Diving ducks			LOW	X	X	X								X	X	-	-	-	-
	Glaucous-winged gull			LOW				X	X	X	X	X	X				-	-	-	-
	Goldeneye			HIGH	X	X	X								X	X	-	-	-	-
	Grebes			LOW	X	X	X								X	X	-	-	-	-
	Gulls			LOW				X	X	X	X	X	X				-	-	-	-
	Harlequin duck			HIGH				X	X	X	X	X	X				-	-	-	-
	Marbled murrelet			LOW				X	X	X	X	X	X				-	-	-	-
	Mergansers			LOW	X	X	X								X	X	-	-	-	-
	Mew gull			LOW				X	X	X	X	X	X				-	-	-	-
	Murrelets			MED				X	X	X	X	X	X				-	-	-	-
	Oldsquaw			HIGH	X	X	X								X	X	-	-	-	-
	Surf scoter			MED	X	X	X								X	X	-	-	-	-
	White-winged scoter			MED	X	X	X								X	X	-	-	-	-
806	Arctic tern			LOW				X	X	X	X	X	X				-	-	-	-
	Bald eagle			MED				X	X	X	X	X	X				-	-	-	-
	Black-legged kittiwake			MED				X	X	X	X	X	X				-	-	-	-
	Bonaparte's gull			HIGH				X	X	X	X	X	X				-	-	-	-
	Common merganser			LOW				X	X	X	X	X	X				-	-	-	-
	Glaucous-winged gull			MED				X	X	X	X	X	X				-	-	-	-
	Goldeneye			MED	X	X	X								X	X	-	-	-	-
	Grebes			LOW	X	X	X								X	X	-	-	-	-
	Marbled murrelet			MED				X	X	X	X	X	X				-	-	-	-
	Mergansers			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Mew gull			HIGH				X	X	X	X	X	X				-	-	-	-
	Murrelets			LOW				X	X	X	X	X	X				-	-	-	-
	Red-breasted merganser			LOW	X	X	X								X	X	-	-	-	-
	Red-necked grebe			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	White-winged scoter			LOW	X	X	X								X	X	-	-	-	-
807	Arctic tern			MED				X	X	X	X	X	X				-	-	-	-
	Bald eagle			HIGH				X	X	X	X	X	X				-	-	-	-
	Black-legged kittiwake			MED				X	X	X	X	X	X				-	-	-	-
	Bonaparte's gull			MED				X	X	X	X	X	X				-	-	-	-
	Common merganser			MED				X	X	X	X	X	X				-	-	-	-
	Glaucous-winged gull			MED				X	X	X	X	X	X				-	-	-	-
	Gulls			LOW				X	X	X	X	X	X				-	-	-	-
	Harlequin duck			LOW				X	X	X	X	X	X				-	-	-	-
	Marbled murrelet			MED				X	X	X	X	X	X				-	-	-	-
	Mew gull			MED				X	X	X	X	X	X				-	-	-	-
	Murrelets			LOW				X	X	X	X	X	X				-	-	-	-
808	Arctic tern			MED				X	X	X	X	X	X				-	-	-	-
	Bald eagle			LOW				X	X	X	X	X	X				-	-	-	-
	Black-legged kittiwake			LOW				X	X	X	X	X	X				-	-	-	-
	Bonaparte's gull			HIGH				X	X	X	X	X	X				-	-	-	-
	Common merganser			MED				X	X	X	X	X	X				-	-	-	-
	Glaucous-winged gull			LOW				X	X	X	X	X	X				-	-	-	-
	Gulls			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				-	-	-	-
	Mew gull			HIGH				X	X	X	X	X	X				-	-	-	-
	Murrelets			LOW				X	X	X	X	X	X				-	-	-	-

Prince William Sound - ESIMAP 12 cont.

BIOLOGICAL RESOURCES: cont.

BIRD: cont.

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Laying	Hatching	Fledging
809	Arctic tern			MED				X	X	X	X	X	X				-	-	-	-
	Bald eagle			MED				X	X	X	X	X	X				-	-	-	-
	Black-legged kittiwake			LOW				X	X	X	X	X	X				-	-	-	-
	Bonaparte's gull			MED				X	X	X	X	X	X				-	-	-	-
	Common merganser			LOW				X	X	X	X	X	X				-	-	-	-
	Glaucous-winged gull			LOW				X	X	X	X	X	X				-	-	-	-
	Gulls			MED				X	X	X	X	X	X				-	-	-	-
	Harlequin duck			MED				X	X	X	X	X	X				-	-	-	-
	Marbled murrelet			LOW				X	X	X	X	X	X				-	-	-	-
	Mew gull			HIGH				X	X	X	X	X	X				-	-	-	-
	Murrelets			LOW				X	X	X	X	X	X				-	-	-	-
810	Arctic tern			LOW				X	X	X	X	X	X				-	-	-	-
	Bald eagle			LOW				X	X	X	X	X	X				-	-	-	-
	Black-legged kittiwake			MED				X	X	X	X	X	X				-	-	-	-
	Common merganser			LOW				X	X	X	X	X	X				-	-	-	-
	Diving ducks			LOW	X	X	X								X	X	-	-	-	-
	Glaucous-winged gull			LOW				X	X	X	X	X	X				-	-	-	-
	Goldeneye			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Grebes			LOW	X	X	X								X	X	-	-	-	-
	Gulls			LOW				X	X	X	X	X	X				-	-	-	-
	Harlequin duck			HIGH				X	X	X	X	X	X				-	-	-	-
	Marbled murrelet			LOW				X	X	X	X	X	X				-	-	-	-
	Mew gull			MED				X	X	X	X	X	X				-	-	-	-
	Murrelets			MED				X	X	X	X	X	X				-	-	-	-
	Oldsquaw			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Red-necked grebe			MED	X	X	X								X	X	-	-	-	-
	Scaup			HIGH	X	X	X								X	X	-	-	-	-
	Scoters			MED	X	X	X								X	X	-	-	-	-
	Surf scoter			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
812	Bald eagle			LOW				X	X	X	X	X	X				-	-	-	-
	Black-legged kittiwake			LOW				X	X	X	X	X	X				-	-	-	-
	Common merganser			LOW				X	X	X	X	X	X				-	-	-	-
	Glaucous-winged gull			MED				X	X	X	X	X	X				-	-	-	-
	Gulls			LOW				X	X	X	X	X	X				-	-	-	-
	Harlequin duck			LOW				X	X	X	X	X	X				-	-	-	-
	Marbled murrelet			MED				X	X	X	X	X	X				-	-	-	-
	Mew gull			MED				X	X	X	X	X	X				-	-	-	-
	Murrelets			LOW				X	X	X	X	X	X				-	-	-	-
852	Arctic tern			LOW				X	X	X	X	X	X				-	-	-	-
	Black-legged kittiwake			LOW				X	X	X	X	X	X				-	-	-	-
	Glaucous-winged gull			LOW				X	X	X	X	X	X				-	-	-	-
	Goldeneye			HIGH	X	X	X								X	X	-	-	-	-
	Kittlitz's murrelet			MED				X	X	X	X	X	X				-	-	-	-
	Marbled murrelet			LOW				X	X	X	X	X	X				-	-	-	-
	Mew gull			LOW				X	X	X	X	X	X				-	-	-	-
	Murrelets			MED				X	X	X	X	X	X				-	-	-	-
857	Black-legged kittiwake			LOW				X	X	X	X	X	X				-	-	-	-
	Glaucous-winged gull			LOW				X	X	X	X	X	X				-	-	-	-
	Goldeneye			MED	X	X	X								X	X	-	-	-	-
	Loons			LOW	X	X	X								X	X	-	-	-	-
	Marbled murrelet			MED				X	X	X	X	X	X				-	-	-	-
	Murrelets			MED				X	X	X	X	X	X				-	-	-	-
	Oldsquaw			MED	X	X	X								X	X	-	-	-	-
	Surf scoter			MED	X	X	X								X	X	-	-	-	-
	White-winged scoter			LOW	X	X	X								X	X	-	-	-	-
861	Black-legged kittiwake			LOW				X	X	X	X	X	X				-	-	-	-
	Cormorant			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Glaucous-winged gull			LOW				X	X	X	X	X	X				-	-	-	-
	Marbled murrelet			MED				X	X	X	X	X	X				-	-	-	-
	Mergansers			LOW	X	X	X								X	X	-	-	-	-
	Murrelets			MED				X	X	X	X	X	X				-	-	-	-
	Oldsquaw			LOW	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
2	Chum salmon (dog)				X					X	X	X	X	X	X	X	JUN-JAN	-	-	-	JUN-JAN
	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
3	Pink salmon (humpy)											X	X	X			AUG-OCT	-	-	-	AUG-OCT
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
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	-
43	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	-
44	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
47	Chum salmon (dog)					X	X	X	X	X							-	-	-	FEB-JUN	-
	Coho salmon (silver)								X	X	X	X					-	-	-	MAY-AUG	-
	Pink salmon (humpy)											X	X	X			AUG-OCT	-	-	-	AUG-OCT
49	Chum salmon (dog)				X					X	X	X	X	X	X	X	JUN-JAN	-	-	-	JUN-JAN
	Coho salmon (silver)								X	X	X	X					-	-	-	MAY-AUG	-
	Pink salmon (humpy)											X	X	X			AUG-OCT	-	-	-	AUG-OCT
105	Pacific herring						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
880	Pacific herring									X	X						-	-	-	-	-
	Pacific sand lance									X	X						-	-	-	-	-
881	Pacific herring										X						-	-	-	-	-
	Pacific sand lance										X						-	-	-	-	-
884	Pacific herring									X							-	-	-	-	-
885	Pacific herring									X	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	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

Prince William Sound - ESIMAP 12 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
188	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
190	Sea otter			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
191	Sea otter			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
198	Sea otter			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
199	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
200	Sea otter			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
201	Sea otter			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
203	Sea otter			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
204	Sea otter			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
205	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
206	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
207	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
558	Harbor seal			>10	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
560	Harbor seal			<10	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
805	Sea otter			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
806	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
807	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
808	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
809	Sea otter			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
810	Sea otter			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
812	Sea otter			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
852	Sea otter			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
857	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
861	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.