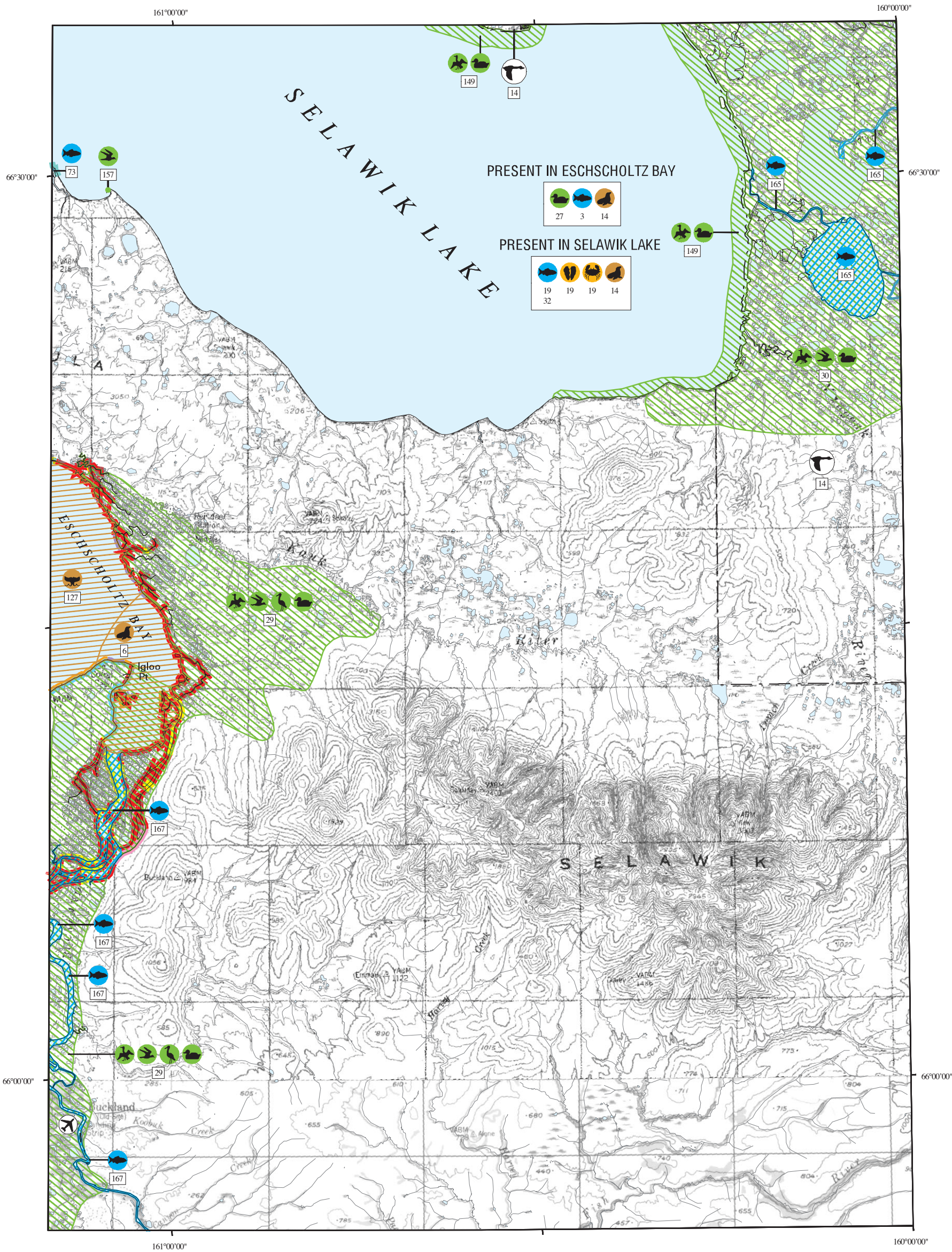
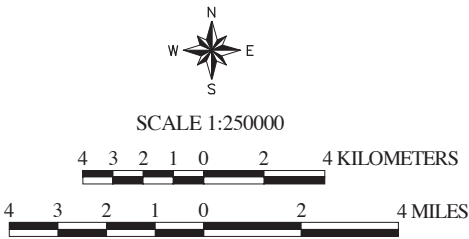


ENVIRONMENTAL SENSITIVITY INDEX MAP



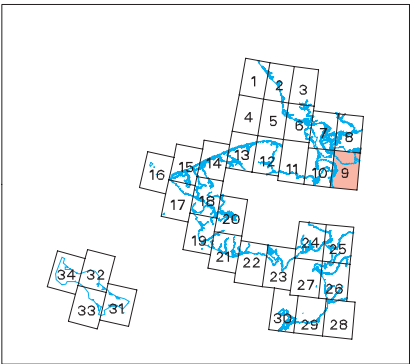
SHORELINE HABITATS (ESI)

- 1A EXPOSED ROCKY SHORES
- 1B EXPOSED, SOLID MAN-MADE STRUCTURES
- 2A EXPOSED WAVE-CUT PLATFORMS IN BEDROCK, MUD, OR CLAY
- 2B EXPOSED SCARPS AND STEEP SLOPES IN CLAY
- 3A FINE- TO MEDIUM-GRAINED SAND BEACHES
- 3B SCARPS AND STEEP SLOPES IN SAND
- 3C TUNDRA CLIFFS
- 4 COARSE-GRAINED SAND BEACHES
- 5 MIXED SAND AND GRAVEL BEACHES
- 6A GRAVEL BEACHES
- 6B RIPRAP
- 7 EXPOSED TIDAL FLATS
- 8A SHELTERED ROCKY SHORES AND SHELTERED SCARPS IN MUD AND CLAY
- 8B SHELTERED, SOLID MAN-MADE STRUCTURES
- 8C SHELTERED RIPRAP
- 8E PEAT SHORELINES
- 9A SHELTERED TIDAL FLATS
- 9B SHELTERED, VEGETATED LOW BANKS
- 10A SALT- AND BRACKISH-WATER MARSHES
- 10D SCRUB-SHRUB WETLANDS
- 10E INUNDATED, LOW-LYING TUNDRA



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NW ARCTIC, AK - ESIMAP 9

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S/F	T/E	Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Pre-nest	Nesting	Post-nest
27	Surf scoter			HIGH						X	X	X	X	X			-	-	-
29	American wigeon			100S									X	X			-	-	AUG-SEP
	Arctic tern									X	X	X	X				MAY-JUN	MAY-AUG	JUL-AUG
	Black scoter									X	X	X	X	X	X		MAY-JUN	JUN-SEP	JUN-OCT
	Canada goose			1000s									X	X			-	-	AUG-SEP
	Common eider									X	X	X	X	X			MAY-JUN	JUN-JUL	JUL-SEP
	Greater scaup									X	X	X	X	X			MAY-JUN	MAY-SEP	JUN-SEP
	Long-tailed duck									X	X	X	X	X	X		APR-JUN	MAY-AUG	JUN-SEP
	Northern pintail									X	X	X	X	X			MAY-MAY	MAY-AUG	JUN-SEP
	Pacific loon									X	X	X	X	X			MAY-JUN	MAY-SEP	AUG-SEP
	Red-breasted merganser			HIGH						X	X	X	X	X	X		MAY-JUN	JUN-OCT	JUL-OCT
	Red-throated loon									X	X	X	X	X			MAY-JUN	MAY-AUG	AUG-SEP
	Sandhill crane			HIGH						X	X	X	X	X	X		APR-MAY	MAY-JUL	AUG-SEP
	Snow goose			100s						X	X						-	-	-
30	Arctic tern									X	X	X	X				MAY-JUN	MAY-AUG	JUL-AUG
	Black scoter									X	X	X	X	X	X		MAY-JUN	JUN-SEP	JUN-OCT
	Greater scaup									X	X	X	X	X			MAY-JUN	MAY-SEP	JUN-SEP
	Long-tailed duck									X	X	X	X	X	X		APR-JUN	MAY-AUG	JUN-SEP
	Northern pintail									X	X	X	X	X			MAY-MAY	MAY-AUG	JUN-SEP
	Pacific loon									X	X	X	X	X			MAY-JUN	MAY-SEP	AUG-SEP
	Red-throated loon									X	X	X	X	X			MAY-JUN	MAY-AUG	AUG-SEP
149	Geese			VERY HIGH						X	X	X	X	X			-	-	-
	Loons			HIGH						X	X	X	X	X			-	-	-
	Scoters			VERY HIGH						X	X	X	X	X			-	-	-
	Tundra swan			VERY HIGH						X	X	X	X	X			-	-	-
157	Arctic tern			50 PAIRS						X	X	X	X	X	X		APR-MAY	JUN-JUL	AUG-OCT

FISH:

RAR#	Species	S/F	T/E	Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
3	Pacific herring				X	X	X	X								X	X	-	-	-	NOV-APR
19	Chinook salmon									X	X	X						-	-	-	MAY-JUL
	Chum salmon (dog)									X	X	X	X					-	-	-	MAY-JUL
	Coho salmon (silver)									X	X	X	X					-	-	-	MAY-JUL
	Dolly varden									X	X	X	X	X	X			-	-	-	MAY-JUL
	Pink salmon (humpy)									X	X	X						-	-	-	MAY-JUL
	Rainbow smelt				X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	-
	Saffron cod				X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	-
	Starry flounder									X	X	X						-	-	-	-
32	Burbot									X	X	X	X	X				-	-	-	-
	Northern pike									X	X	X	X	X				-	-	-	-
	Sheefish				X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	-
	Whitefish				X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	-
73	Dolly varden				X	X	X	X	X	X	X	X	X	X	X	X		AUG-OCT	AUG-DEC	DEC-JUN	JAN-DEC
165	Sheefish				X	X	X	X	X	X	X	X	X	X	X	X		SEP-OCT	SEP-DEC	DEC-JUN	JAN-DEC
	Whitefish				X	X	X	X	X	X	X	X	X	X	X	X		SEP-OCT	SEP-DEC	DEC-JUN	JAN-DEC
167	Chinook salmon				X	X	X	X	X	X	X	X	X	X	X	X		JUL-AUG	JUL-DEC	DEC-JUL	JAN-DEC
	Chum salmon (dog)				X	X	X	X	X	X	X	X	X	X	X	X		JUL-SEP	JUL-DEC	DEC-MAY	MAY-MAY
	Coho salmon (silver)				X	X	X	X	X	X	X	X	X	X	X	X		AUG-SEP	AUG-DEC	DEC-JUN	JAN-DEC
	Dolly varden				X	X	X	X	X	X	X	X	X	X	X	X		AUG-OCT	AUG-DEC	DEC-JUN	JAN-DEC
	Pink salmon (humpy)				X	X	X	X	X	X	X	X	X	X	X	X		JUL-AUG	JUL-DEC	DEC-JUN	MAY-JUN
	Whitefish				X	X	X	X	X	X	X	X	X	X	X	X		SEP-OCT	SEP-DEC	DEC-JUN	JAN-DEC

INVERTEBRATE:

RAR#	Species	S/F	T/E	Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Spawn/Mate	Eggs	Larvae	Juveniles	Adults
19	Alaska razor clam				X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	-
	Butter clam				X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	-
	Crenulate astarte				X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	-
	Helmet crab				X	X	X	X		X	X					X		-	-	-	-
	Pinkneck clam				X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	-
	Siberia softshell clam				X	X	X	X	X	X	X	X	X	X		X		-	-	-	-
	Softshell clam				X	X	X	X	X	X	X	X	X	X	X	X		-	-	-	-

MARINE MAMMAL:

RAR#	Species	S/F	T/E	Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Mating	Calving	Pupping	Molting
6	Spotted seal			HIGH						X	X	X	X	X	X		-	-	-	-
14	Spotted seal									X	X	X	X	X	X		-	-	-	-
127	Beluga whale			VERY HIGH						X	X	X					-	JUN-AUG	-	-

HUMAN USE RESOURCES:

WILDLIFE REFUGE:

HUN#	Name	Owner	Contact	Phone
14	SELAWIK NATIONAL WILDLIFE REFUGE		US FISH & WILDLIFE SERVICE	907/442-3799

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.