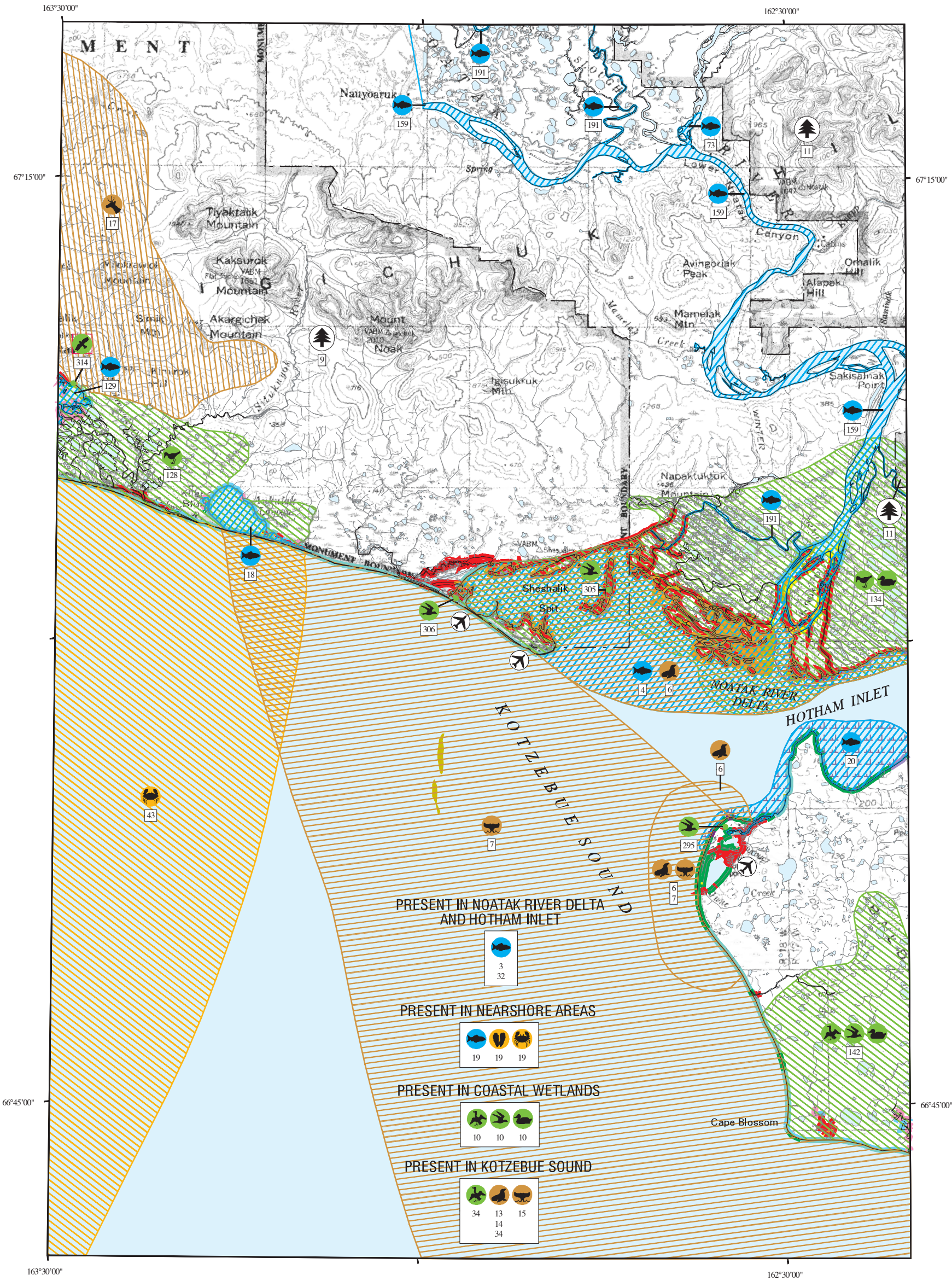
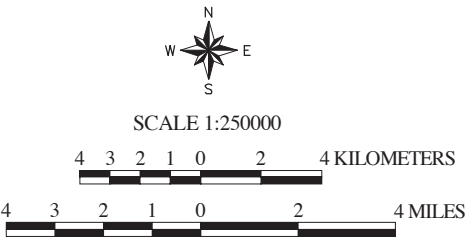


ENVIRONMENTAL SENSITIVITY INDEX MAP



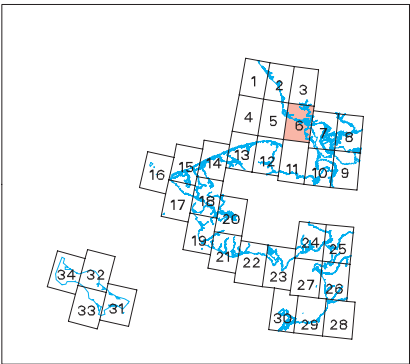
SHORELINE HABITATS (ESI)

- 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 6

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	
10	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	-
	Brant									X	X	X	X	X			MAY-JUL	MAY-SEP	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									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	-
	Yellow-billed loon									X	X	X	X	X	X		MAY-JUN	JUN-OCT	SEP-OCT	-
34	Red-throated loon									X	X	X	X	X			-	-	-	-
128	Dunlin			1000s						X	X	X					MAY-JUN	MAY-JUL	-	-
	Dunlin			10000s							X	X	X				-	-	JUL-SEP	-
	Long-billed dowitcher			1000s						X	X	X					MAY-JUN	MAY-JUL	-	-
	Long-billed dowitcher			10000s							X	X	X				-	-	JUL-SEP	-
	Pacific golden-plover			1000s					X	X	X						MAY-JUN	MAY-JUL	-	-
	Pacific golden-plover			10000s							X	X	X				-	-	JUL-SEP	-
	Pectoral sandpiper			1000s					X	X	X						MAY-JUN	MAY-JUL	-	-
	Pectoral sandpiper			10000s							X	X	X				-	-	JUL-SEP	-
	Red phalarope			1000s					X	X	X						MAY-JUN	MAY-JUL	-	-
	Red phalarope			10000s							X	X	X				-	-	JUL-SEP	-
	Red-necked phalarope			1000s					X	X	X						MAY-JUN	MAY-JUL	-	-
	Red-necked phalarope			10000s							X	X	X				-	-	JUL-SEP	-
	Ruddy turnstone			1000s					X	X	X						MAY-JUN	MAY-JUL	-	-
	Ruddy turnstone			10000s							X	X	X				-	-	JUL-SEP	-
	Semipalmated sandpiper			1000s					X	X	X						MAY-JUN	MAY-JUL	-	-
	Semipalmated sandpiper			10000s							X	X	X				-	-	JUL-SEP	-
	Sharp-tailed sandpiper			1000s					X	X	X						MAY-JUN	MAY-JUL	-	-
	Sharp-tailed sandpiper			10000s							X	X	X				-	-	JUL-SEP	-
	Western sandpiper			1000s					X	X	X						MAY-JUN	MAY-JUL	-	-
	Western sandpiper			10000s							X	X	X				-	-	JUL-SEP	-
134	Dabbling ducks			VERY HIGH						X	X	X	X				-	-	-	-
	Diving ducks			HIGH						X	X	X	X				-	-	-	-
	Dunlin			1000s					X	X	X						MAY-JUN	JUN-JUL	-	-
	Dunlin			10000s							X	X	X				-	-	JUL-SEP	-
	Geese			HIGH						X	X	X	X				-	-	-	-
	Long-billed dowitcher			1000s					X	X	X						MAY-JUN	JUN-JUL	-	-
	Long-billed dowitcher			10000s							X	X	X				-	-	JUL-SEP	-
	Semipalmated sandpiper			1000s					X	X	X						MAY-JUN	JUN-JUL	-	-
	Semipalmated sandpiper			10000s							X	X	X				-	-	JUL-SEP	-
	Tundra swan			VERY HIGH						X	X	X	X				-	-	-	-
	Western sandpiper			1000s					X	X	X						MAY-JUN	JUN-JUL	-	-
	Western sandpiper			10000s							X	X	X				-	-	JUL-SEP	-
142	Arctic tern									X	X	X	X				MAY-JUN	MAY-AUG	JUL-AUG	-
	Greater scaup									X	X	X	X	X			MAY-JUN	MAY-SEP	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									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	-
	Yellow-billed loon									X	X	X	X	X	X		MAY-JUN	JUN-OCT	SEP-OCT	-
295	Aleutian tern			50					X	X	X	X	X	X	X		APR-MAY	JUN-JUL	AUG-OCT	-
305	Aleutian tern			180					X	X	X	X	X	X	X		APR-MAY	JUN-JUL	AUG-OCT	-
306	Aleutian tern			20					X	X	X	X	X	X	X		APR-MAY	JUN-JUL	AUG-OCT	-
	Arctic tern			30					X	X	X	X	X	X	X		APR-MAY	JUN-JUL	AUG-OCT	-
314	Arctic peregrine falcon	S	C						X	X	X	X	X	X			-	APR-SEP	-	-

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	NOV-APR
4	Pacific herring							X	X	X	X	X	X				MAY-JUN	MAY-JUL	MAY-JUL	JUN-JUL	APR-SEP
18	Dolly varden								X	X	X	X	X	X			-	-	-	MAY-OCT	MAY-OCT
	Rainbow smelt												X	X	X		-	-	-	-	SEP-NOV
	Saffron cod												X	X	X		-	-	-	-	SEP-NOV
	Whitefish				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
19	Chinook salmon							X	X	X							-	-	-	MAY-JUL	JUN-JUL
	Chum salmon (dog)							X	X	X	X						-	-	-	MAY-JUL	JUN-AUG
	Coho salmon (silver)							X	X	X	X						-	-	-	MAY-JUL	AUG-AUG
	Dolly varden							X	X	X	X	X	X				-	-	-	MAY-JUL	AUG-OCT
	Pink salmon (humpy)							X	X	X							-	-	MAY-JUL	MAY-JUL	JUN-JUL
	Rainbow smelt				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC
	Saffron cod				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC
	Starry flounder								X	X	X						-	-	-	JUN-AUG	JUN-AUG
20	Pacific herring							X	X	X	X	X					MAY-JUN	MAY-JUL	MAY-JUL	JUN-JUL	APR-SEP
32	Burbot								X	X	X	X	X				-	-	-	-	JUN-OCT
	Northern pike								X	X	X	X	X				-	-	-	-	JUN-OCT
	Sheefish				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	NOV-APR
	Whitefish				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
73	Dolly varden				X	X	X	X	X	X	X	X	X	X	X	X	AUG-OCT	AUG-DEC	DEC-JUN	JAN-DEC	JAN-DEC
129	Dolly varden							X	X	X	X	X					-	-	-	MAY-OCT	MAY-OCT
	Northern pike								X	X	X	X	X				-	-	-	-	JUN-OCT
	Pacific herring							X	X	X	X	X	X				MAY-JUN	MAY-JUL	MAY-JUL	JUN-JUL	APR-SEP
	Rainbow smelt											X	X	X			-	-	-	-	SEP-NOV
	Saffron cod											X	X	X			-	-	-	-	SEP-NOV
	Whitefish				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
159	Chinook salmon				X	X	X	X	X	X	X	X	X	X	X	X	JUL-AUG	JUL-DEC	DEC-JUL	JAN-DEC	JUL-AUG
	Chum salmon (dog)				X	X	X	X	X		X	X	X	X	X	X	JUL-SEP	JUL-DEC	DEC-MAY	MAY-MAY	JUL-SEP
	Dolly varden				X	X	X	X	X	X	X	X	X	X	X	X	AUG-OCT	AUG-DEC	DEC-JUN	JAN-DEC	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	JUL-AUG
	Sheefish				X	X	X	X	X	X	X	X	X	X	X	X	SEP-OCT	SEP-DEC	DEC-JUN	JAN-DEC	JAN-DEC
	Whitefish				X	X	X	X	X	X	X	X	X	X	X	X	SEP-OCT	SEP-DEC	DEC-JUN	JAN-DEC	JAN-DEC
191	Chinook salmon				X	X	X	X	X	X	X	X	X	X	X	X	JUL-AUG	JUL-DEC	DEC-JUL	JAN-DEC	JUL-AUG
	Chum salmon (dog)				X	X	X	X	X		X	X	X	X	X	X	JUL-SEP	JUL-DEC	DEC-MAY	MAY-MAY	JUL-SEP
	Dolly varden				X	X	X	X	X	X	X	X	X	X	X	X	AUG-OCT	AUG-DEC	DEC-JUN	JAN-DEC	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	JUL-AUG
	Whitefish				X	X	X	X	X	X	X	X	X	X	X	X	SEP-OCT	SEP-DEC	DEC-JUN	JAN-DEC	JAN-DEC

NW ARCTIC, AK - ESIMAP 6 (cont.)

BIOLOGICAL RESOURCES: (cont.)

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	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	-	-	-	-	-
43	Red king crab			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	FEB-APR	JAN-DEC	FEB-JUN	JAN-DEC	JAN-DEC

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		-	-	-	-
7	Beluga whale			HIGH						X	X	X					-	JUN-AUG	-	-
13	Ringed seal				X	X	X	X	X	X				X	X	X	-	-	MAR-MAY	MAR-JUN
14	Spotted seal									X	X	X	X	X	X		-	-	-	-
15	Beluga whale									X	X	X	X	X			-	JUN-AUG	-	-
34	Bearded seal				X	X	X	X	X	X	X			X	X	X	-	-	-	-
	Walrus									X	X	X					-	-	-	-

TERRESTRIAL MAMMAL:

RAR#	Species	S/F	T/E	Conc.	J	F	M	A	M	J	J	A	S	O	N	D
17	Muskox			HIGH	X	X	X	X	X	X	X	X	X	X	X	X

=====

HUMAN USE RESOURCES:

NATIONAL PARK:

HUN#	Name	Owner	Contact	Phone
9	CAPE KRUSENSTERN NATIONAL MONUMENT		NATIONAL PARK SERVICE	907/442-3890
11	NOATAK NATIONAL PRESERVE		NATIONAL PARK SERVICE	907/442-3890

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.