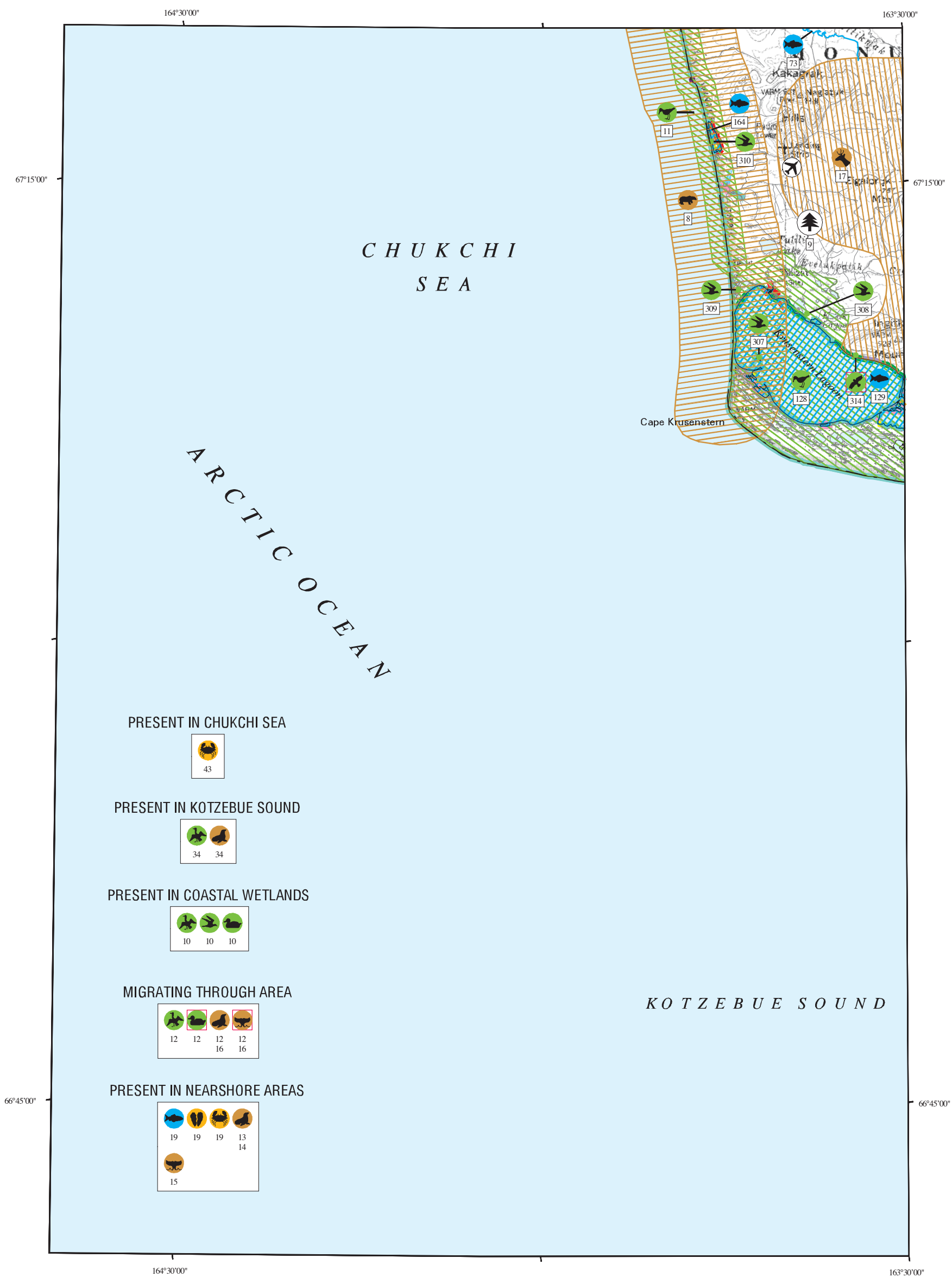


ENVIRONMENTAL SENSITIVITY INDEX MAP



PRESENT IN CHUKCHI SEA



PRESENT IN KOTZEBUE SOUND



PRESENT IN COASTAL WETLANDS



MIGRATING THROUGH AREA

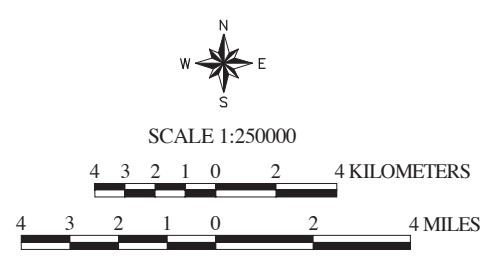


PRESENT IN NEARSHORE AREAS

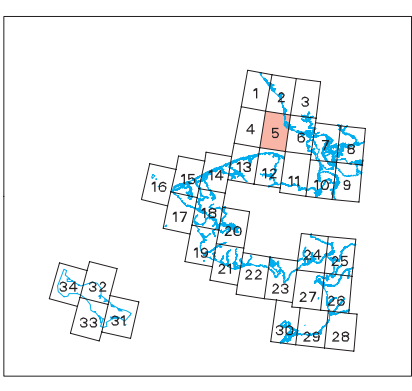


SHORELINE HABITATS (ESI)

- 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 5

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	-
11	Red phalarope			UNKNOWN						X	X	X					MAY-JUN	MAY-JUL	-	-
	Red phalarope			1000s								X	X	X			-	-	JUL-SEP	-
	Red-necked phalarope			UNKNOWN						X	X	X					MAY-JUN	MAY-JUL	-	-
	Red-necked phalarope			1000s								X	X	X			-	-	JUL-SEP	-
12	Common eider			1000s			X	X	X	X	X	X	X	X	X		-	-	-	-
	King eider			1000s			X	X	X	X	X	X	X	X	X		-	-	-	-
	Long-tailed duck			1000s			X	X	X	X	X	X	X	X	X		-	-	-	-
	Red-throated loon			HIGH			X	X	X	X	X	X	X	X	X		-	-	-	-
	Spectacled eider		S/F	C/T	1000s		X	X	X	X	X	X	X	X	X		-	-	-	-
	Steller's eider		S/F	C/T	1000s		X	X	X	X	X	X	X	X	X		-	-	-	-
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	-
307	Arctic tern			100			X	X	X	X	X	X	X	X			APR-MAY	JUN-JUL	AUG-OCT	-
308	Glaucous gull			30			X	X	X	X	X	X	X	X			APR-MAY	JUN-JUL	AUG-OCT	-
	Mew gull			20			X	X	X	X	X	X	X	X			APR-MAY	JUN-JUL	AUG-OCT	-
309	Aleutian tern			58			X	X	X	X	X	X	X	X			APR-MAY	JUN-JUL	AUG-OCT	-
	Arctic tern			40			X	X	X	X	X	X	X	X			APR-MAY	JUN-JUL	AUG-OCT	-
	Glaucous gull			40			X	X	X	X	X	X	X	X			APR-MAY	JUN-JUL	AUG-OCT	-
310	Aleutian tern			76			X	X	X	X	X	X	X	X			APR-MAY	JUN-JUL	AUG-OCT	-
	Arctic tern			30			X	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
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	-	-	-	-	JAN-DEC
	Saffron cod					X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC
	Starry flounder									X	X	X					-	-	-	JUN-AUG	JUN-AUG
73	Dolly varden					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				-	-	-	-	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	-	-	-	JAN-DEC	JAN-DEC
164	Pink salmon (humpy)					X	X	X	X	X	X	X	X	X	X	X	JUL-AUG	JUL-DEC	DEC-JUN	MAY-JUN	JUL-AUG

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	-	-	-	-	-
	Butter clam					X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Crenulate astarte					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	-	-	-	-	-
	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	-	-	-	-	-
43	Red king crab			HIGH		X	X	X	X	X	X	X	X	X	X	X	FEB-APR	JAN-DEC	FEB-JUN	JAN-DEC	JAN-DEC

NW ARCTIC, AK - ESIMAP 5 (cont.)

BIOLOGICAL RESOURCES: (cont.)

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
8	Polar bear				X	X	X	X							X	X	-	-	-	-
12	Bearded seal							X	X	X							-	-	-	-
	Bowhead whale	S/F	C/E			X	X	X				X	X	X			-	-	-	-
	Gray whale							X	X	X	X	X	X	X			-	-	-	-
	Walrus							X	X			X	X				-	-	-	-
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	-	-
16	Beluga whale					X	X	X	X	X		X	X	X			-	-	-	-
	Ringed seal							X	X	X							-	-	-	-
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

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.