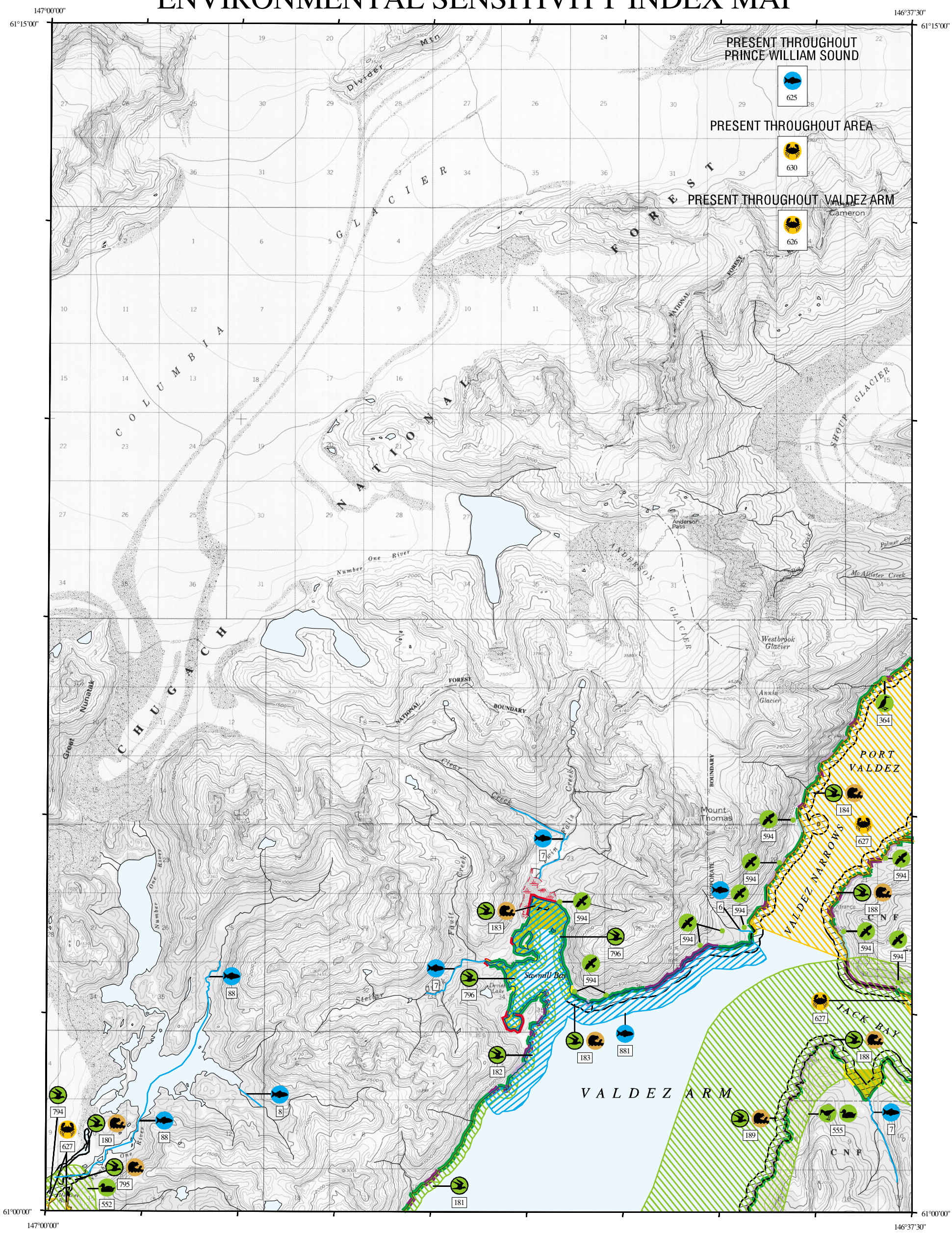
ENVIRONMENTAL SENSITIVITY INDEX MAP



SHORELINE HABITATS

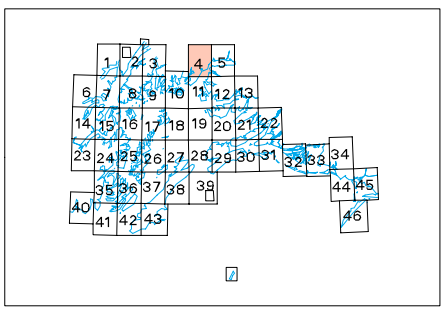
- 1A EXPOSED ROCKY SHORES
- 2A EXPOSED WAVE–CUT PLATFORMS IN BEDROCK
- 3A FINE– TO MEDIUM–GRAINED SAND BEACHES
- 4 COARSE–GRAINED SAND BEACHES (NOT PRESENT)
- 5 MIXED SAND AND GRAVEL BEACHES
- 6A GRAVEL BEACHES
- 6B RIPRAP
- 7 EXPOSED TIDAL FLATS
- 8A SHELTERED ROCKY SHORES
- 8D SHELTERED ROCKY RUBBLE 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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VALDEZ (A -8), AK (1986) PWS-4

Prince William Sound - ESIMAP 4

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
180	Black-legged kittiwake			LOW				X	X	X	X	X	X				-	-	-	-
	Mew gull			HIGH				X	X	X	X	X	X				-	-	-	-
	Murrelets			MED				X	X	X	X	X	X				-	-	-	-
	Scaup			MED	X	X	X								X	X	-	-	-	-
	Scoters			LOW	X	X	X								X	X	-	-	-	-
181	Black-legged kittiwake			LOW				X	X	X	X	X	X				-	-	-	-
	Gulls			LOW				X	X	X	X	X	X				-	-	-	-
	Harlequin duck			LOW				X	X	X	X	X	X				-	-	-	-
	Mew gull			LOW				X	X	X	X	X	X				-	-	-	-
	Murrelets			MED				X	X	X	X	X	X				-	-	-	-
182	Bald eagle			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Mew gull			LOW				X	X	X	X	X	X				-	-	-	-
	Pigeon guillemot			LOW				X	X	X	X	X	X				-	-	-	-
183	Alcids			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			MED	X	X	X								X	X	-	-	-	-
	Mallard			HIGH				X	X	X	X	X	X				-	-	-	-
	Mergansers			HIGH	X	X	X								X	X	-	-	-	-
	Murrelets			MED				X	X	X	X	X	X				-	-	-	-
184	Mew gull			MED				X	X	X	X	X	X				-	-	-	-
	Scaup			LOW	X	X	X								X	X	-	-	-	-
188	Black-legged kittiwake			MED				X	X	X	X	X	X				-	-	-	-
	Goldeneye			LOW	X	X	X								X	X	-	-	-	-
189	Black-legged kittiwake			LOW				X	X	X	X	X	X				-	-	-	-
	Mew gull			LOW				X	X	X	X	X	X				-	-	-	-
364	Pigeon guillemot			6						X	X	X	X				JUN-SEP	-	-	-
547	Waterfowl				X	X	X	X	X							X	-	-	-	-
552	Waterfowl				X	X	X	X	X	X	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
794	American wigeon			MED				X	X	X	X	X	X				-	-	-	-
	Arctic tern			HIGH				X	X	X	X	X	X				-	-	-	-
	Black oystercatcher			HIGH				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				-	-	-	-
	Dabbling ducks			LOW				X	X	X	X	X	X				-	-	-	-
	Diving ducks			LOW				X	X	X	X	X	X				-	-	-	-
	Gadwall			LOW				X	X	X	X	X	X				-	-	-	-
	Glaucous-winged gull			MED				X	X	X	X	X	X				-	-	-	-
	Goldeneye			HIGH				X	X	X	X	X	X				-	-	-	-
	Green-winged teal			HIGH				X	X	X	X	X	X				-	-	-	-
	Gulls			MED				X	X	X	X	X	X				-	-	-	-
	Harlequin duck			LOW				X	X	X	X	X	X				-	-	-	-
	Kittlitz's murrelet			HIGH				X	X	X	X	X	X				-	-	-	-
	Loons			MED				X	X	X	X	X	X				-	-	-	-
	Mallard			LOW				X	X	X	X	X	X				-	-	-	-
	Marbled murrelet			MED				X	X	X	X	X	X				-	-	-	-
	Mergansers			MED				X	X	X	X	X	X				-	-	-	-
	Mew gull			HIGH				X	X	X	X	X	X				-	-	-	-
	Murrelets			HIGH				X	X	X	X	X	X				-	-	-	-
	Northern pintail			MED				X	X	X	X	X	X				-	-	-	-
	Oldsquaw			MED				X	X	X	X	X	X				-	-	-	-
	Pacific loon			MED				X	X	X	X	X	X				-	-	-	-
	Red-throated loon			HIGH				X	X	X	X	X	X				-	-	-	-
	Sandpipers			LOW				X	X	X	X	X	X				-	-	-	-
	Shorebirds			LOW				X	X	X	X	X	X				-	-	-	-
	Surf scoter			MED				X	X	X	X	X	X				-	-	-	-
795	Arctic tern			LOW				X	X	X	X	X	X				-	-	-	-
	Bald eagle			LOW				X	X	X	X	X	X				-	-	-	-
	Black (common) scoter			LOW				X	X	X	X	X	X				-	-	-	-
	Black oystercatcher			LOW				X	X	X	X	X	X				-	-	-	-
	Black-legged kittiwake			LOW				X	X	X	X	X	X				-	-	-	-
	Canada goose			HIGH				X	X	X	X	X	X				-	-	-	-
	Common goldeneye			LOW				X	X	X	X	X	X				-	-	-	-
	Common merganser			MED				X	X	X	X	X	X				-	-	-	-
	Diving ducks			LOW				X	X	X	X	X	X				-	-	-	-
	Glaucous-winged gull			MED				X	X	X	X	X	X				-	-	-	-
	Goldeneye			HIGH				X	X	X	X	X	X				-	-	-	-
	Greater scaup			HIGH				X	X	X	X	X	X				-	-	-	-
	Gulls			LOW				X	X	X	X	X	X				-	-	-	-
	Kittlitz's murrelet			LOW				X	X	X	X	X	X				-	-	-	-
	Mallard			LOW				X	X	X	X	X	X				-	-	-	-
	Marbled murrelet			MED				X	X	X	X	X	X				-	-	-	-
	Mergansers			LOW				X	X	X	X	X	X				-	-	-	-
	Mew gull			HIGH				X	X	X	X	X	X				-	-	-	-
	Murrelets			LOW				X	X	X	X	X	X				-	-	-	-
	Scoters			HIGH				X	X	X	X	X	X				-	-	-	-
	Surf scoter			HIGH				X	X	X	X	X	X				-	-	-	-
	White-winged scoter			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
796	Arctic tern			LOW				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			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				-	-	-	-
	Gulls			LOW				X	X	X	X	X	X				-	-	-	-
	Kittlitz's murrelet			LOW				X	X	X	X	X	X				-	-	-	-
	Mallard			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				-	-	-	-

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
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
8	Anadromous fish				X	X				X	X	X	X	X	X	X	JUN-FEB	-	-	-	JUN-FEB
88	Chinook salmon								X	X	X	X					-	-	-	MAY-AUG	-
625	Arrowtooth flounder							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
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			

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
180	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
183	Sea otter			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
184	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
188	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
189	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
795	Sea otter			MED	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.