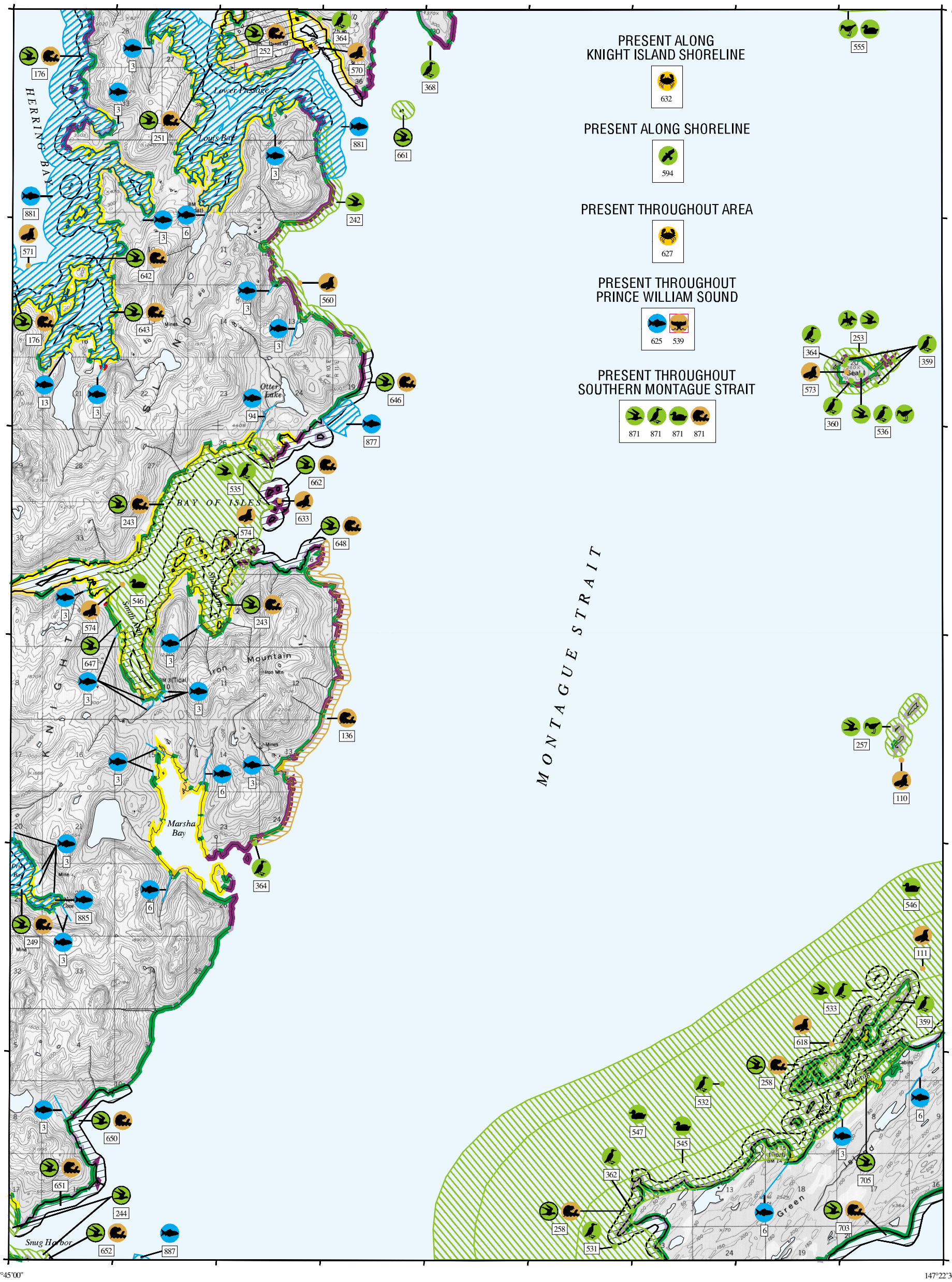
ENVIRONMENTAL SENSITIVITY INDEX MAP



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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SEWARD (B-2), AK (1987) **PWS-26**

Prince William Sound - ESIMAP 26

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
176	Goldeneye			LOW	X	X	X								X	X	-	-	-	-
242	Gulls			LOW				X	X	X	X	X	X				-	-	-	-
243	Bald eagle			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Goldeneye			MED	X	X	X								X	X	-	-	-	-
	Gulls			LOW				X	X	X	X	X	X				-	-	-	-
	Mergansers			LOW				X	X	X	X	X	X				-	-	-	-
244	Goldeneye			MED	X	X	X								X	X	-	-	-	-
	Gulls			LOW				X	X	X	X	X	X				-	-	-	-
	Pelagic cormorant			LOW				X	X	X	X	X	X				-	-	-	-
	Shearwaters			LOW				X	X	X	X	X	X				-	-	-	-
249	Birds			LOW	X	X	X								X	X	-	-	-	-
	Goldeneye			MED	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				-	-	-	-
	Loons			LOW	X	X	X								X	X	-	-	-	-
	Mergansers			LOW	X	X	X								X	X	-	-	-	-
	Scoters			LOW	X	X	X								X	X	-	-	-	-
251	Goldeneye			MED	X	X	X								X	X	-	-	-	-
	Greater scaup			LOW				X	X	X	X	X	X				-	-	-	-
	Loons			MED	X	X	X								X	X	-	-	-	-
	Scoters			LOW	X	X	X								X	X	-	-	-	-
252	Goldeneye			LOW	X	X	X								X	X	-	-	-	-
	Gulls			LOW				X	X	X	X	X	X				-	-	-	-
253	Cormorant			LOW	X	X	X								X	X	-	-	-	-
	Gulls			LOW				X	X	X	X	X	X				-	-	-	-
257	Gulls			MED				X	X	X	X	X	X				-	-	-	-
	Shorebirds			MED	X	X	X								X	X	-	-	-	-
258	Alcids			LOW				X	X	X	X	X	X				-	-	-	-
	Arctic tern			LOW				X	X	X	X	X	X				-	-	-	-
	Black-legged kittiwake			LOW				X	X	X	X	X	X				-	-	-	-
	Bufflehead			LOW				X	X	X	X	X	X				-	-	-	-
	Cormorant			LOW	X	X	X								X	X	-	-	-	-
	Glaucous-winged gull			MED				X	X	X	X	X	X				-	-	-	-
	Murrelets			LOW				X	X	X	X	X	X				-	-	-	-
	Pelagic cormorant			MED				X	X	X	X	X	X				-	-	-	-
359	Pigeon guillemot			12						X	X	X	X				JUN-SEP	-	-	-
360	Pigeon guillemot			19						X	X	X	X				JUN-SEP	-	-	-
362	Pigeon guillemot			17						X	X	X	X				JUN-SEP	-	-	-
364	Pigeon guillemot			6						X	X	X	X				JUN-SEP	-	-	-
368	Pigeon guillemot			9						X	X	X	X				JUN-SEP	-	-	-
531	Horned puffin			10						X	X	X	X				JUN-SEP	-	-	-
	Pigeon guillemot			16						X	X	X	X				JUN-SEP	-	-	-
	Tufted puffin			20						X	X	X	X				JUN-SEP	-	-	-
532	Black-legged kittiwake			44				X	X	X	X	X	X				JUN-SEP	-	-	-
533	Arctic tern			40						X	X	X	X				JUN-SEP	-	-	-
	Pigeon guillemot			UNKNOWN						X	X	X	X				JUN-SEP	-	-	-
	Tufted puffin			10						X	X	X	X				JUN-SEP	-	-	-
535	Arctic tern			10						X	X	X	X				JUN-SEP	-	-	-
	Black-legged kittiwake			24				X	X	X	X	X	X				JUN-SEP	-	-	-
	Glaucous-winged gull			132						X	X	X	X				JUN-SEP	-	-	-
536	Arctic tern			4						X	X	X	X				JUN-SEP	-	-	-
	Black oystercatcher			14						X	X	X	X				JUN-SEP	-	-	-
	Black-legged kittiwake			782				X	X	X	X	X	X				JUN-SEP	-	-	-
	Glaucous-winged gull			158						X	X	X	X				JUN-SEP	-	-	-
	Parakeet auklet			4						X	X	X	X				JUN-SEP	-	-	-
	Tufted puffin			6						X	X	X	X				JUN-SEP	-	-	-
545	Waterfowl				X	X						X	X	X			-	-	-	-
546	Waterfowl				X	X										X	-	-	-	-
547	Waterfowl				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
642	Arctic tern			LOW				X	X	X	X	X	X				-	-	-	-
	Bald eagle			LOW				X	X	X	X	X	X				-	-	-	-
	Black oystercatcher			MED				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				-	-	-	-
	Glaucous-winged gull			MED				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			LOW				X	X	X	X	X	X				-	-	-	-
	Murrelets			MED				X	X	X	X	X	X				-	-	-	-
	Pelagic cormorant			LOW				X	X	X	X	X	X				-	-	-	-
643	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			LOW				X	X	X	X	X	X				-	-	-	-
	Marbled murrelet			MED				X	X	X	X	X	X				-	-	-	-
	Mew gull			LOW				X	X	X	X	X	X				-	-	-	-
	Murrelets			MED				X	X	X	X	X	X				-	-	-	-
	Red-breasted merganser			LOW	X	X	X								X	X	-	-	-	-
	Red-necked grebe			LOW	X	X	X								X	X	-	-	-	-
646	Bald eagle			LOW				X	X	X	X	X	X				-	-	-	-
	Black oystercatcher			LOW				X	X	X	X	X	X				-	-	-	-
	Black-legged kittiwake			MED				X	X	X	X	X	X				-	-	-	-
	Glaucous-winged gull			MED				X	X	X	X	X	X				-	-	-	-
	Harlequin duck			HIGH				X	X	X	X	X	X				-	-	-	-
	Marbled murrelet			MED				X	X	X	X	X	X				-	-	-	-
	Mew gull			LOW				X	X	X	X	X	X				-	-	-	-
	Murrelets			MED				X	X	X	X	X	X				-	-	-	-
	Pigeon guillemot			MED				X	X	X	X	X	X				-	-	-	-
647	Bald eagle			LOW				X	X	X	X	X	X				-	-	-	-
	Black oystercatcher			LOW				X	X	X	X	X	X				-	-	-	-
	Black-legged kittiwake			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			LOW				X	X	X	X	X	X				-	-	-	-
648	Black oystercatcher			LOW				X	X	X	X	X	X				-	-	-	-
	Black-legged kittiwake			MED				X	X	X	X	X	X				-	-	-	-
	Glaucous-winged gull			LOW				X	X	X	X	X	X				-	-	-	-
	Harlequin duck			MED				X	X	X	X	X	X				-	-	-	-
	Marbled murrelet			MED				X	X	X	X	X	X				-	-	-	-
	Murrelets			MED				X	X	X	X	X	X				-	-	-	-
	Pigeon guillemot			MED				X	X	X	X	X	X				-	-	-	-
650	Bald eagle			LOW				X	X	X	X	X	X				-	-	-	-
	Black-legged kittiwake			MED				X	X	X	X	X	X				-	-	-	-
	Common merganser			HIGH				X	X	X	X	X	X				-	-	-	-
	Glaucous-winged gull			LOW				X	X	X	X	X	X				-	-	-	-
	Harlequin duck			HIGH				X	X	X	X	X	X				-	-	-	-
	Marbled murrelet			MED				X	X	X	X	X	X				-	-	-	-
	Murrelets			MED				X	X	X	X	X	X				-	-	-	-
	Pigeon guillemot			LOW				X	X	X	X	X	X				-	-	-	-
651	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				-	-	-	-
	Glaucous-winged gull			LOW				X	X	X	X	X	X				-	-	-	-
	Marbled murrelet			HIGH				X	X	X	X	X	X				-	-	-	-
	Murrelets			LOW				X	X	X	X	X	X				-	-	-	-
	Pigeon guillemot			MED				X	X	X	X	X	X				-	-	-	-
	Surf scoter			MED	X	X	X								X	X	-	-	-	-
652	Bald eagle			LOW				X	X	X	X	X	X				-	-	-	-
	Black-legged kittiwake			MED				X	X	X	X	X	X				-	-	-	-
	Diving ducks			LOW	X	X	X								X	X	-	-	-	-
	Glaucous-winged gull			MED				X	X	X	X	X	X				-	-	-	-
	Goldeneye			MED	X	X	X								X	X	-	-	-	-
	Kittlitz's murrelet			LOW				X	X	X	X	X	X				-	-	-	-
	Marbled murrelet			MED				X	X	X	X	X	X				-	-	-	-
	Murrelets			MED				X	X	X	X	X	X				-	-	-	-
	Pigeon guillemot			MED				X	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	-	-	-	-

Prince William Sound - ESIMAP 26 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
661	Black (common) scoter			LOW				X	X	X	X	X	X				-	-	-	-
	Black-legged kittiwake			HIGH				X	X	X	X	X	X				-	-	-	-
	Glaucous-winged gull			MED				X	X	X	X	X	X				-	-	-	-
	Harlequin duck			HIGH				X	X	X	X	X	X				-	-	-	-
	Marbled murrelet			LOW				X	X	X	X	X	X				-	-	-	-
	Murrelets			LOW				X	X	X	X	X	X				-	-	-	-
	Pelagic cormorant			HIGH				X	X	X	X	X	X				-	-	-	-
	White-winged scoter			LOW				X	X	X	X	X	X				-	-	-	-
662	Black oystercatcher			LOW				X	X	X	X	X	X				-	-	-	-
	Black-legged kittiwake			HIGH				X	X	X	X	X	X				-	-	-	-
	Cormorant			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Glaucous-winged gull			HIGH				X	X	X	X	X	X				-	-	-	-
	Harlequin duck			HIGH				X	X	X	X	X	X				-	-	-	-
	Marbled murrelet			MED				X	X	X	X	X	X				-	-	-	-
	Murrelets			LOW				X	X	X	X	X	X				-	-	-	-
	Pelagic cormorant			MED				X	X	X	X	X	X				-	-	-	-
	Pigeon guillemot			LOW				X	X	X	X	X	X				-	-	-	-
	Shorebirds			LOW				X	X	X	X	X	X				-	-	-	-
	Surfbird			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	White-winged scoter			MED	X	X	X								X	X	-	-	-	-
703	Arctic tern			LOW				X	X	X	X	X	X				-	-	-	-
	Bald eagle			LOW				X	X	X	X	X	X				-	-	-	-
	Black oystercatcher			LOW				X	X	X	X	X	X				-	-	-	-
	Black-legged kittiwake			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				-	-	-	-
	Harlequin duck			LOW				X	X	X	X	X	X				-	-	-	-
	Marbled murrelet			MED				X	X	X	X	X	X				-	-	-	-
	Mew gull			LOW				X	X	X	X	X	X				-	-	-	-
	Murrelets			MED				X	X	X	X	X	X				-	-	-	-
	Pigeon guillemot			LOW				X	X	X	X	X	X				-	-	-	-
	Surfbird			MED				X	X	X	X	X	X				-	-	-	-
705	Bald eagle			LOW				X	X	X	X	X	X				-	-	-	-
	Black oystercatcher			MED				X	X	X	X	X	X				-	-	-	-
	Black-legged kittiwake			MED				X	X	X	X	X	X				-	-	-	-
	Common loon			LOW				X	X	X	X	X	X				-	-	-	-
	Glaucous-winged gull			LOW				X	X	X	X	X	X				-	-	-	-
	Loons			LOW				X	X	X	X	X	X				-	-	-	-
	Mew gull			HIGH				X	X	X	X	X	X				-	-	-	-
	Pigeon guillemot			LOW				X	X	X	X	X	X				-	-	-	-
	Red-breasted merganser			MED				X	X	X	X	X	X				-	-	-	-
871	Black (common) scoter			LOW				X	X	X	X	X	X				-	-	-	-
	Black-legged kittiwake			LOW				X	X	X	X	X	X				-	-	-	-
	Fork-tailed storm-petrel			HIGH				X	X	X	X	X	X				-	-	-	-
	Glaucous-winged gull			LOW				X	X	X	X	X	X				-	-	-	-
	Kittlitz's murrelet			LOW				X	X	X	X	X	X				-	-	-	-
	Marbled murrelet			MED				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
3	Pink salmon (humpy)											X	X	X			AUG-OCT	-	-	-	AUG-OCT
6	Pink salmon (humpy)						X	X	X								-	-	-	MAR-MAY	-
13	Sockeye salmon (red)								X	X	X	X					-	-	-	MAY-AUG	-
94	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
	Sockeye salmon (red)				X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG	-	-	JAN-DEC	MAY-AUG
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
877	Pacific herring										X						-	-	-	-	-
881	Pacific herring										X						-	-	-	-	-
	Pacific sand lance										X						-	-	-	-	-
885	Pacific herring									X	X						-	-	-	-	-
887	Capelin										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
627	Tanner crab			MINOR	X	X	X	X	X	X	X	X	X	X	X	X	DEC-JUN	APR-SEP	-	JAN-DEC	JAN-DEC
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

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
110	Harbor seal			125	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
111	Harbor seal			11	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
136	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
176	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
243	Sea otter			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
249	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
251	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
252	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
258	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
539	Humpback whale	F	E					X	X	X	X	X	X				-	-	-	-
	Killer whale							X	X	X	X	X	X				-	-	-	-
560	Harbor seal			<10	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
570	Harbor seal			17	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
571	Harbor seal			36	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
573	Harbor seal			71	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
574	Harbor seal			37	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
618	Harbor seal			7	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
633	Harbor seal				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
642	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
643	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
646	Sea otter			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
648	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
650	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
651	Sea otter			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
652	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
662	Sea otter			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
703	Sea otter			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
871	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.