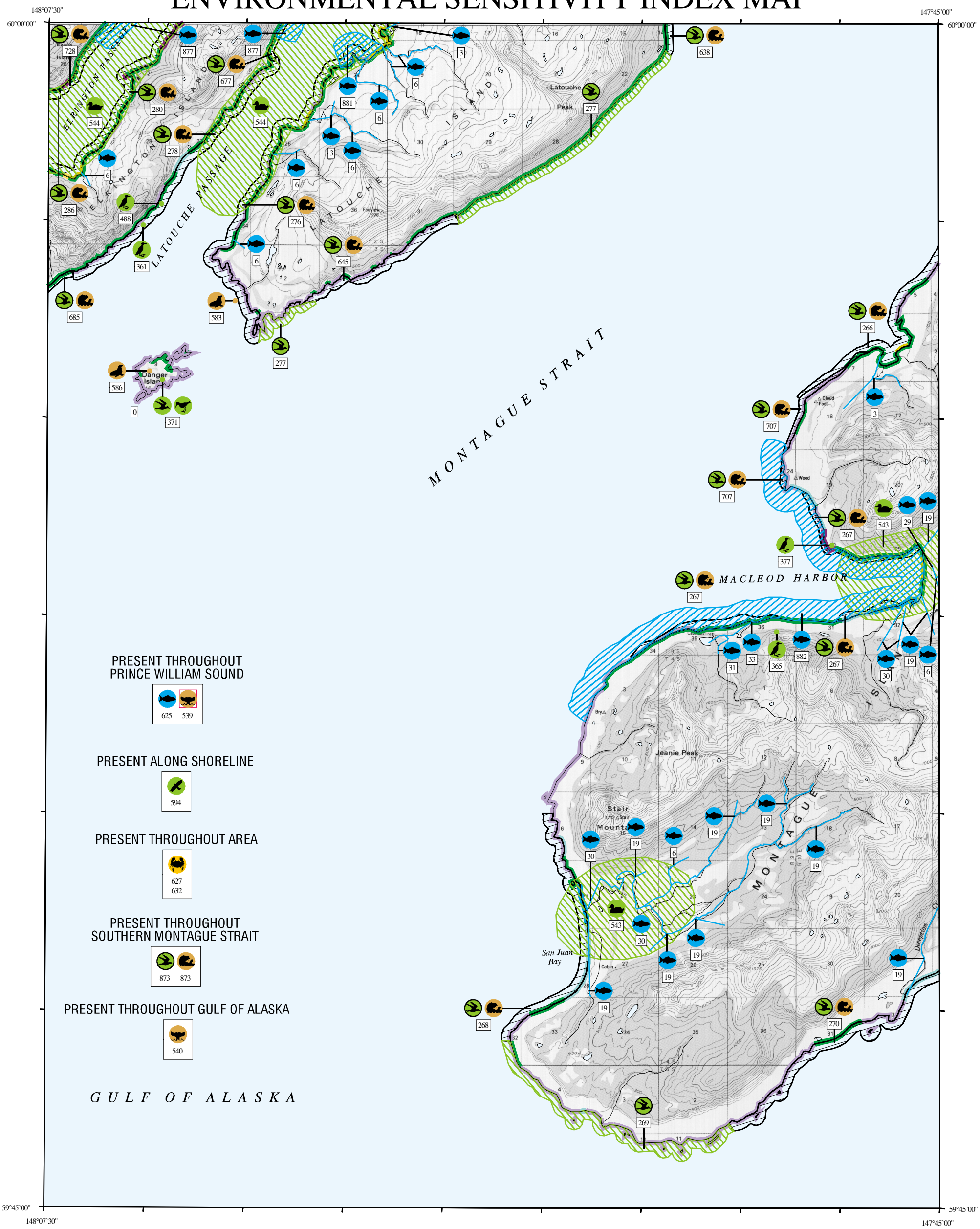
ENVIRONMENTAL SENSITIVITY INDEX MAP



SHORELINE HABITATS

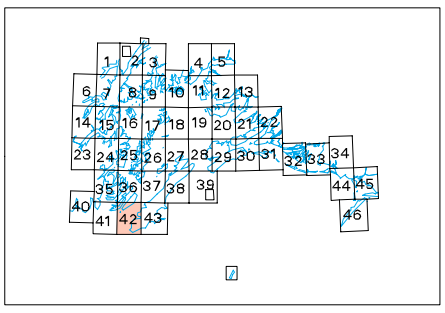
- 1A EXPOSED ROCKY SHORES
- 2A EXPOSED WAVE–CUT PLATFORMS IN BEDROCK
- 3A FINE– TO MEDIUM–GRAINED SAND BEACHES
- 4 COARSE–GRAINED SAND BEACHES (NOT PRESENT)
- 5 MIXED SAND AND GRAVEL BEACHES
- 6A GRAVEL BEACHES
- 6B RIPRAP
- 7 EXPOSED TIDAL FLATS
- 8A SHELTERED ROCKY SHORES
- 8D SHELTERED ROCKY RUBBLE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

BLYING SOUND (D -3), AK (1988) PWS-42

Prince William Sound - ESIMAP 42

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
266	Gulls			LOW				X	X	X	X	X	X				-	-	-	-
	Harlequin duck			LOW				X	X	X	X	X	X				-	-	-	-
267	Birds			LOW	X	X	X								X	X	-	-	-	-
	Cormorant			MED	X	X	X								X	X	-	-	-	-
	Glaucous-winged gull			LOW				X	X	X	X	X	X				-	-	-	-
	Harlequin duck			LOW				X	X	X	X	X	X				-	-	-	-
	Loons			LOW	X	X	X								X	X	-	-	-	-
	Surf scoter			LOW	X	X	X								X	X	-	-	-	-
268	Bufflehead			MED				X	X	X	X	X	X				-	-	-	-
	Cormorant			LOW	X	X	X								X	X	-	-	-	-
	Glaucous-winged gull			LOW				X	X	X	X	X	X				-	-	-	-
	Harlequin duck			MED				X	X	X	X	X	X				-	-	-	-
	Mew gull			LOW				X	X	X	X	X	X				-	-	-	-
	Scoters			MED	X	X	X								X	X	-	-	-	-
269	Bald eagle			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Eiders			LOW				X	X	X	X	X	X				-	-	-	-
	Gulls			LOW				X	X	X	X	X	X				-	-	-	-
	Surf scoter			MED	X	X	X								X	X	-	-	-	-
270	Cormorant			LOW	X	X	X								X	X	-	-	-	-
	Eiders			LOW				X	X	X	X	X	X				-	-	-	-
	Scoters			MED	X	X	X								X	X	-	-	-	-
276	Birds			LOW	X	X	X								X	X	-	-	-	-
	Bufflehead			HIGH				X	X	X	X	X	X				-	-	-	-
	Canada goose			MED				X	X	X	X	X	X				-	-	-	-
	Goldeneye			HIGH	X	X	X								X	X	-	-	-	-
	Gulls			LOW				X	X	X	X	X	X				-	-	-	-
	Harlequin duck			MED				X	X	X	X	X	X				-	-	-	-
	Surf scoter			MED	X	X	X								X	X	-	-	-	-
277	Cormorant			LOW	X	X	X								X	X	-	-	-	-
	Gulls			LOW				X	X	X	X	X	X				-	-	-	-
	Harlequin duck			LOW				X	X	X	X	X	X				-	-	-	-
	Shorebirds			LOW	X	X	X								X	X	-	-	-	-
278	Goldeneye			MED	X	X	X								X	X	-	-	-	-
	Gulls			LOW				X	X	X	X	X	X				-	-	-	-
	Harlequin duck			LOW				X	X	X	X	X	X				-	-	-	-
	Mergansers			MED				X	X	X	X	X	X				-	-	-	-
	Surf scoter			LOW	X	X	X								X	X	-	-	-	-
280	Goldeneye			LOW	X	X	X								X	X	-	-	-	-
	Gulls			LOW				X	X	X	X	X	X				-	-	-	-
	Mergansers			LOW				X	X	X	X	X	X				-	-	-	-
	Storm-petrels			LOW				X	X	X	X	X	X				-	-	-	-
286	Bufflehead			LOW				X	X	X	X	X	X				-	-	-	-
	Goldeneye			MED	X	X	X								X	X	-	-	-	-
	Gulls			LOW				X	X	X	X	X	X				-	-	-	-
	Mergansers			MED	X	X	X								X	X	-	-	-	-
	Scoters			MED	X	X	X								X	X	-	-	-	-
361	Pigeon guillemot			4					X	X	X	X					JUN-SEP	-	-	-
365	Pigeon guillemot			8					X	X	X	X					JUN-SEP	-	-	-
371	Arctic tern			30					X	X	X	X					JUN-SEP	-	-	-
	Black oystercatcher			4					X	X	X	X					JUN-SEP	-	-	-
	Glaucous-winged gull			25					X	X	X	X					JUN-SEP	-	-	-
377	Pigeon guillemot			13					X	X	X	X					JUN-SEP	-	-	-
488	Pigeon guillemot			22					X	X	X	X					JUN-SEP	-	-	-
543	Waterfowl						X	X	X								-	-	-	-
544	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
638	Bald eagle			LOW				X	X	X	X	X	X				-	-	-	-
	Black-legged kittiwake			MED				X	X	X	X	X	X				-	-	-	-
	Cormorant			LOW	X	X	X								X	X	-	-	-	-
	Diving ducks			LOW	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				-	-	-	-
	Mew gull			LOW				X	X	X	X	X	X				-	-	-	-
	Murrelets			HIGH				X	X	X	X	X	X				-	-	-	-
	Pigeon guillemot			LOW				X	X	X	X	X	X				-	-	-	-
	Scoters			MED	X	X	X								X	X	-	-	-	-
	Surf scoter			HIGH	X	X	X								X	X	-	-	-	-
645	Black-legged kittiwake			MED				X	X	X	X	X	X				-	-	-	-
	Glaucous-winged gull			MED				X	X	X	X	X	X				-	-	-	-
	Marbled murrelet			MED				X	X	X	X	X	X				-	-	-	-
	Murrelets			MED				X	X	X	X	X	X				-	-	-	-
677	Bald eagle			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				-	-	-	-
	Marbled murrelet			LOW				X	X	X	X	X	X				-	-	-	-
	Murrelets			MED				X	X	X	X	X	X				-	-	-	-
685	Birds			LOW				X	X	X	X	X	X				-	-	-	-
	Black-legged kittiwake			HIGH				X	X	X	X	X	X				-	-	-	-
	Common murre			HIGH				X	X	X	X	X	X				-	-	-	-
	Cormorant			HIGH				X	X	X	X	X	X				-	-	-	-
	Glaucous-winged gull			HIGH				X	X	X	X	X	X				-	-	-	-
	Gulls			HIGH				X	X	X	X	X	X				-	-	-	-
	Horned puffin			MED				X	X	X	X	X	X				-	-	-	-
	Marbled murrelet			LOW				X	X	X	X	X	X				-	-	-	-
	Murre			HIGH				X	X	X	X	X	X				-	-	-	-
	Murrelets			LOW				X	X	X	X	X	X				-	-	-	-
	Pelagic cormorant			HIGH				X	X	X	X	X	X				-	-	-	-
	Puffins			LOW				X	X	X	X	X	X				-	-	-	-
	Tufted puffin			HIGH				X	X	X	X	X	X				-	-	-	-
707	Arctic tern			MED				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 turnstone			LOW				X	X	X	X	X	X				-	-	-	-
	Black-legged kittiwake			HIGH				X	X	X	X	X	X				-	-	-	-
	Fork-tailed storm-petrel			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				-	-	-	-
	Harlequin duck			HIGH				X	X	X	X	X	X				-	-	-	-
	Kittlitz's murrelet			LOW				X	X	X	X	X	X				-	-	-	-
	Marbled murrelet			HIGH				X	X	X	X	X	X				-	-	-	-
	Mew gull			LOW				X	X	X	X	X	X				-	-	-	-
	Murrelets			MED				X	X	X	X	X	X				-	-	-	-
	Red-necked (Northern) phalarope			HIGH				X	X	X	X	X	X				-	-	-	-
	Shearwaters			LOW				X	X	X	X	X	X				-	-	-	-
	Surfbird			LOW				X	X	X	X	X	X				-	-	-	-
728	Black-legged kittiwake			LOW				X	X	X	X	X	X				-	-	-	-
	Glaucous-winged gull			LOW				X	X	X	X	X	X				-	-	-	-
	Marbled murrelet			LOW				X	X	X	X	X	X				-	-	-	-
	Murrelets			LOW				X	X	X	X	X	X				-	-	-	-
873	Ancient murrelet			LOW				X	X	X	X	X	X				-	-	-	-
	Black-legged kittiwake			HIGH				X	X	X	X	X	X				-	-	-	-
	Common murre			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				-	-	-	-
	Goldeneye			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				-	-	-	-
	Mew gull			LOW				X	X	X	X	X	X				-	-	-	-
	Murre			LOW				X	X	X	X	X	X				-	-	-	-
	Murrelets			MED				X	X	X	X	X	X				-	-	-	-
	Oldsquaw			LOW	X	X	X								X	X	-	-	-	-
	Scoters			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Shearwaters			HIGH				X	X	X	X	X	X				-	-	-	-
	Surf scoter			LOW	X	X	X								X	X	-	-	-	-
	Surf scoter			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	White-winged scoter			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	White-winged scoter			LOW	X	X	X								X	X	-	-	-	-
	White-winged scoter			MED				X	X	X	X	X	X				-	-	-	-

Prince William Sound - ESIMAP 42 cont.

BIOLOGICAL RESOURCES: cont.

FISH: cont.

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	-
19	Coho salmon (silver)								X	X	X	X	X	X			-	-	-	MAY-OCT	-
29	Coho salmon (silver)								X	X	X	X	X	X			-	-	-	MAY-OCT	-
	Dolly varden							X	X	X							-	-	-	APR-JUN	-
	Pink salmon (humpy)											X	X	X			AUG-OCT	-	-	-	AUG-OCT
30	Coho salmon (silver)								X	X	X	X	X	X			-	-	-	MAY-OCT	-
	Pink salmon (humpy)						X	X	X								-	-	-	MAR-MAY	-
31	Sockeye salmon (red)				X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG	-	-	JAN-DEC	MAY-AUG
33	Coho salmon (silver)								X	X	X	X	X	X			-	-	-	MAY-OCT	-
	Pink salmon (humpy)						X	X	X								-	-	-	MAR-MAY	-
	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						-	-	-	-	-
882	Capelin									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
266	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
267	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
268	Sea otter			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
270	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
276	Sea otter			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
278	Sea otter			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
280	Sea otter			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
286	Sea otter			MED	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				-	-	-	-
540	Gray whale				X		X	X	X	X					X	X	-	-	-	-
583	Harbor seal			39	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
586	Harbor seal			58	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
638	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
645	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
677	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
685	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
707	Sea otter			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
728	Sea otter			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-
873	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.