# ENVIRONMENTAL SENSITIVITY INDEX MAP

148°52'30" 148°30'00"
60°30'00" 60°30'00"

KINGS BAY
CHUGACH NATIONAL FOREST
KINGS RIVER
JUAN
NELLIE
ELLSWORTH GLACIER
SARGENT ICEFIELD
LANGDON GLACIER
Claremont Gl
Falling Glacier
Applegate Glacier
Kings Glacier
Crevasses
Crown Peak
FOREST BOUNDARY (APPROXIMATE)
BOROUGH BOUNDARY
PENINSULA
KENAI

749 296 747 296 594 864 594 296 52 296 6 748 52 296

PRESENT THROUGHOUT PRINCE WILLIAM SOUND
625

PRESENT THROUGHOUT AREA
627

PRESENT THROUGHOUT KINGS BAY
865

60°15'00" 60°15'00"
148°52'30" 148°30'00"

## 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 -5), AK (1973) **PWS-23**

# Prince William Sound - ESIMAP 23

## 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 296 | Arctic tern | | | LOW | | | | X | X | X | 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 |
| 747 | Arctic tern | | | LOW | | | | X | X | X | X | X | X | | | | - | - | - | - |
| | Bald eagle | | | 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 | | | MED | | | | X | X | X | X | X | X | | | | - | - | - | - |
| | Pigeon guillemot | | | LOW | | | | X | X | X | X | X | X | | | | - | - | - | - |
| | White-winged scoter | | | LOW | | | | X | X | X | X | X | X | | | | - | - | - | - |
| 748 | American wigeon | | | LOW | | | | X | X | X | X | X | X | | | | - | - | - | - |
| | Arctic tern | | | LOW | | | | X | X | X | X | X | X | | | | - | - | - | - |
| | Bald eagle | | | MED | | | | X | X | X | X | X | X | | | | - | - | - | - |
| | Birds | | | LOW | X | X | X | X | X | X | X | X | X | X | X | X | - | - | - | - |
| | Black (common) scoter | | | LOW | | | | X | X | X | X | X | X | | | | - | - | - | - |
| | Diving ducks | | | MED | X | X | X | | | | | | | | X | X | - | - | - | - |
| | Glaucous-winged gull | | | MED | | | | X | X | X | X | X | X | | | | - | - | - | - |
| | Goldeneye | | | HIGH | X | X | X | X | X | X | X | X | X | X | X | X | - | - | - | - |
| | Greater scaup | | | LOW | | | | X | X | X | X | X | X | | | | - | - | - | - |
| | Green-winged teal | | | MED | | | | X | X | X | X | X | X | | | | - | - | - | - |
| | Gulls | | | LOW | | | | X | X | X | X | X | X | | | | - | - | - | - |
| | Mallard | | | MED | | | | X | X | X | X | X | X | | | | - | - | - | - |
| | Marbled murrelet | | | LOW | | | | X | X | X | X | X | X | | | | - | - | - | - |
| | Mergansers | | | LOW | | | | X | X | X | X | X | X | | | | - | - | - | - |
| | Mew gull | | | MED | | | | X | X | X | X | X | X | | | | - | - | - | - |
| | Murrelets | | | LOW | | | | X | X | X | X | X | X | | | | - | - | - | - |
| | Red-necked (Northern) phalarope | | | LOW | | | | X | X | X | X | X | X | | | | - | - | - | - |
| | Scoters | | | LOW | | | | X | X | X | X | X | X | | | | - | - | - | - |
| | Surf scoter | | | MED | X | X | X | X | X | X | X | X | X | X | X | X | - | - | - | - |
| | Terns | | | LOW | | | | X | X | X | X | X | X | | | | - | - | - | - |
| | White-winged scoter | | | LOW | | | | X | X | X | X | X | X | | | | - | - | - | - |
| 749 | Arctic tern | | | LOW | | | | X | X | X | X | X | X | | | | - | - | - | - |
| | Black-legged kittiwake | | | LOW | | | | X | X | X | X | X | X | | | | - | - | - | - |
| | Glaucous-winged gull | | | LOW | | | | X | X | X | X | X | X | | | | - | - | - | - |
| | Goldeneye | | | 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 | | | | - | - | - | - |
| | Mergansers | | | MED | | | | X | X | X | X | X | X | | | | - | - | - | - |
| | Mew gull | | | HIGH | | | | X | X | X | X | X | X | | | | - | - | - | - |
| | Murrelets | | | MED | | | | X | X | X | X | X | X | | | | - | - | - | - |
| | Surf scoter | | | MED | | | | X | X | X | X | X | X | | | | - | - | - | - |
| 864 | Arctic tern | | | LOW | | | | X | X | X | X | X | X | | | | - | - | - | - |
| | Greater scaup | | | LOW | | | | 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 | | | | - | - | - | - |
| | White-winged scoter | | | LOW | | | | X | X | X | X | X | X | | | | - | - | - | - |
| 865 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 | Pink salmon (humpy) | | | | | | X | X | X | | | | | | | | - | - | - | MAR-MAY | - |
| 52 | Chum salmon (dog) | | | | | X | X | X | X | | | | | | | | - | - | - | FEB-JUN | - |
| 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 |

### 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 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 296 | Sea otter | | | MED | X | X | X | X | X | X | X | X | X | X | X | X | - | - | APR-JUN | - |
| 747 | Sea otter | | | LOW | X | X | X | X | X | X | X | X | X | X | X | X | - | - | APR-JUN | - |
| 748 | Sea otter | | | MED | X | X | X | X | X | X | X | X | X | X | X | X | - | - | APR-JUN | - |
| 749 | 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.