

**SOUTHEAST ALASKA
SUBAREA CONTINGENCY PLAN**

**SENSITIVE AREAS
SECTION**

	INTRODUCTION	D-1
PART ONE	INITIAL CONTACTS	D-3
PART TWO	AREAS OF ENVIRONMENTAL CONCERN	D-11
	A. Background/Criteria	D-11
	B. Areas of Major Concern	D-12
	C. Areas of Moderate Concern	D-13
	D. Areas of Lesser Concern	D-14
PART THREE	RESOURCE SENSITIVITY	D-15
PART FOUR	BACKGROUND INFORMATION	D-23
	A. Land Management Designations	D-23
	B. Habitat Types	D-31
	C. Biological Resources	D-38
	D. Human Use Resources	D-65
PART FIVE	AREAS OF LOCAL CONCERN	D-117
PART SIX	KEY REFERENCES	D-121

ATTACHMENTS

ONE	SALMON ESCAPEMENT TABLES (Separate document in electronic version)
TWO	TONGASS NATIONAL FOREST MAP (Located in back pocket in hard copy version)

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SENSITIVE AREAS: INTRODUCTION

This section is intended for use by the On-Scene Coordinators during the initial phase of a spill event to assist in ascertaining the location and presence of spill-sensitive biological and cultural resources, services, and users in the Southeast Alaska Subarea. This information is specific to the Southeast Alaska Subarea and was compiled by a multi-organization Sensitive Areas Work Group. No attempt has been made to duplicate information contained in easily accessible existing documents. This section, therefore, must be used in conjunction with the referenced materials and informational contacts identified herein. More detailed and current data should be available from on-scene resource experts when they become engaged in the response. This information is geared toward early response. If appropriate, natural resources trustees may be conducting natural resource damage assessment (NRDA) activities in conjunction with response activities. Information regarding NRDA activities should be directed to the natural resources trustees or to their appointed NRDA Liaison.

Often, the most detailed, up-to-date biological and resource use information will come from people who live and work in the impacted area. People from the local community are often knowledgeable sources for information related to fishing, hunting, non-consumptive outdoor sports, and subsistence use. They may also have a good idea of which spill response techniques (especially exclusion and diversion booming) are practicable under prevailing weather and current conditions.

The Alaska Regional Response Team (ARRT) has adopted several documents (see the *Alaska Federal/State Contingency Plan for Response to Oil & Hazardous Substance Discharges/Releases (Unified Plan)*) that address decision making to help protect sensitive areas and resources. These documents (and their location) include:

- ARRT Oil Dispersant Guidelines for Alaska (see *Unified Plan* Annex F, Appendix 1)
- *In Situ* Burning Guidelines for Alaska (see *Unified Plan* Annex F, Appendix 2)
- Wildlife Protection Guidelines for Alaska (see *Unified Plan* Annex G, Appendix 1)
- Alaska Implementation Guidelines for Federal OSCs for the Programmatic Agreement on Protection of Historic Properties during Emergency Response under the National Oil and Hazardous Substances Pollution Contingency Plan Protection of Historic Properties (see *Unified Plan* Annex M)

In addition, Federal OSCs in Alaska are working in cooperation with the U.S. Department of the Interior and the National Marine Fisheries Service to ensure response activities are conducted in accordance with the 2001 *Inter-Agency Memorandum of Agreement Regarding Oil Spill Planning and Response Activities Under the Federal Water Pollution Control Act National Oil and Hazardous Substances Pollution Contingency Plan* (see *Unified Plan* Annex G, Appendix 2).

In addition, Annex N of the *Unified Plan* includes *Shoreline Cleanup and Assessment Guidelines*, which provide helpful information on clean-up options by shoreline type.

Section G of the Subarea Contingency Plan contains site-specific Geographic Response Strategies (GRSs) for use by responders in protecting key sensitive areas. In addition, Environmental Sensitivity Index (ESI) maps have been produced that illustrate selected sensitive resources and shoreline types.

This section and the guidelines in the *Unified Plan* are also intended for use by facility/vessel operators in developing industry oil spill prevention and contingency plans. For an operator's facility or area of operation, industry contingency plans describe: (a) environmentally sensitive areas of public concern; (b) how sensitive areas would be prioritized during a spill event; and (c) response strategies to protect sensitive areas at risk. This information within industry plans should be consistent with subarea plans.

The definition of sensitive resources and their geographic locations requires use of field observations and data available from published and non-published materials or through additional field work. With the limited time and funds available for Subarea Contingency Plan development (there are ten such plans covering the state of Alaska), not all the detailed information necessary to adequately complete the Sensitive Areas Section was compiled. Identifying relative priorities among resources and resource uses takes considerable coordination and discussion among resource management agencies.

Many of the maps presented in this section are available on-line through the Internet at:

<http://www.asgdc.state.ak.us/maps/cplans/subareas.html>

Suggestions, comments, and more current information are requested. Please contact either:

Doug Mutter
U.S. Department of the Interior
Office of Environmental Policy
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Anchorage, Alaska 99501
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Mark Fink
Alaska Department of Fish and Game
Division of Sport Fish
333 Raspberry Road
Anchorage, Alaska 99518
267-2338
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SENSITIVE AREAS: PART ONE – INITIAL CONTACTS

[see Table at end of Part One for contact information]

Agency	Resources	Primary Contact	Alternate Contact
Fish and Wildlife and Habitat Resources			
Alaska Department of Fish and Game	fish, shellfish, birds, terrestrial mammals, marine mammals	Mark Fink	Tom Schumacher
U.S. Department of the Interior	migratory birds, sea otters, polar bears, walrus, endangered species, anadromous fish in freshwater, bald eagles, wetlands	Pamela Bergmann	Doug Mutter
U.S. Department of Commerce, National Marine Fisheries Service, Alaska Region	sea lions, seals, whales, endangered marine species, anadromous fish in marine waters, essential fish habitat	Brad Smith	Jon Kurland
U.S. Department of Commerce, National Marine Fisheries Service, Alaska Fisheries Science Center, Auke Bay Laboratory	effects of oil on fisheries resources, hydrocarbon chemistry, dispersants	Jeep Rice	Jeff Short
U.S. Department of Agriculture	national forest lands	Scott Snelson	Scott Fitzwilliams
Alaska Natural Heritage Program	rare and endangered plants	Julie Michaelson	Rob Lipkin
Cultural and Archaeological Sites			
Alaska Office of History and Archaeology	historic sites, archaeological sites, national register sites	Dave McMahan	Joan Dale
U.S. Department of the Interior	archaeological/historical sites in park and wildlife refuge system units, public lands, Native allotments/trust lands; sunken vessels	Pamela Bergmann	Doug Mutter
U.S. Department of Agriculture	archaeological/historical sites on national forest lands	Mark McCallum	Scott Snelson
Shoreline Types			
NOAA Scientific Support Coordinator	shoreline types, environmental sensitivity index maps	John Whitney	
Land Ownership and Classifications/Designations			
Alaska Department of Natural Resources	state lands, state parks and recreation areas, state forests, tidelands	Doug Sanvik	Sam Means
Alaska Department of Fish and Game	state game refuges, state critical habitats	Mark Fink	Tom Schumacher

Agency	Resources	Primary Contact	Alternate Contact
U.S. Department of the Interior	national parks and preserves, national historic sites, national monuments, national wildlife refuges, public lands, national recreation areas, wild and scenic rivers, wilderness areas, Native trust lands	Pamela Bergmann	Doug Mutter
U.S. Department of Agriculture	national forests, national monuments, wild and scenic rivers, wilderness areas, research natural areas	Scott Fitzwilliams	Scott Snelson
U.S. Department of Defense	military installations and reservations	Alaska Command	None
Local Governments: <ul style="list-style-type: none"> - Angoon - Craig - City of Haines - Hoonah - Hydaberg - City and Borough of Juneau - Kake - Ketchikan Gateway Borough - Klawock - Pelican - Petersburg - City and Borough of Sitka - Skagway - Thorne Bay - Wrangell - City and Borough of Yakutat 	municipal and private lands, and rights-of-way	Floyd Kookesh Jon Bolling Vince Hansen Jerry Medina Adrian Le Cornu Sylvia Kreel Lonnie Anderson John Hill Michael Quinn Betty Svensson Leo Luczak Marlene Campbell Bob Ward Mike Harper Carol Rushmore Paul Wescott	Jimmy George Don Otis Albert Dick Doug Mathena Donna Williams Kathy Wasserman John Mielke Jon Bolling
Commercial Harvest			
Alaska Department of Fish and Game	fishing permits, seasons	Mark Fink	Tom Schumacher
Alaska Department of Natural Resources	tideland leases, logging on private lands	Doug Sanvik	Sam Means
Alaska Department of Environmental Conservation	seafood processing	Manny Soares	Kimberly Stryker
U.S. Department of Commerce	fishing permits, seasons	Brad Smith	Jon Kurland

Agency	Resources	Primary Contact	Alternate Contact
Subsistence, Personal, and Sport Uses			
Alaska Department of Fish and Game	subsistence and personal uses statewide and navigable waters, sport hunting and fishing	Mark Fink	Tom Schumacher
U.S. Department of the Interior	subsistence uses on Federal lands and reserved waters; subsistence uses of: sea otters and migratory birds	Pamela Bergmann	Doug Mutter
U.S. Department of Commerce	subsistence use of: whales, porpoises, seals, sea lions	Brad Smith	Kaja Brix
U.S. Department of Agriculture	Subsistence, personal, and sport uses on National Forest lands and waters	Dave Johnson	Terry Suminski
Recreation and Tourism Uses			
Alaska Department of Natural Resources	State parks and recreation areas, anchorages, boat launches, campgrounds, State public lands	Doug Sanvik	Sam Means
Alaska Department of Fish and Game	sport hunting and fishing	Mark Fink	Tom Schumacher
Alaska Department of Commerce, Community & Economic Development	seasonal events and activities, travel, outdoor activities, local visitor bureaus, tourism industries	Alaska Division of Tourism	
U.S. Department of Agriculture	Campgrounds, cabins, recreation areas, trails, within the national forest system	Scott Fitzwilliams	Scott Snelson
U.S. Department of the Interior	recreation uses in park and wildlife refuge system units and Federal public lands	Pamela Bergmann	Doug Mutter
Water Intake and Use Facilities			
Alaska Department of Environmental Conservation	public drinking water wells, treatment, and storage, fish processing facilities	James Weise	Suzan Hill
Alaska Department of Fish and Game	hatcheries, ocean net pens and release sites, aquaculture	Mark Fink	Tom Schumacher
Alaska Department of Natural Resources	tidelands leases, aquaculture sites, private logging camps and log transfer facilities	Doug Sanvik	Sam Means
U.S. Coast Guard	marinas and docks, mooring buoys	Marine Safety Office, Juneau	17 th District, Juneau
Areas of Local Concern			
Angoon	coastal program special areas, plans, policies	Floyd Kookesh	Jimmy George
Craig	coastal program special areas, plans, policies	Brian Templin	
City of Haines	coastal program special areas, plans, policies	Scott Hansen	

Agency	Resources	Primary Contact	Alternate Contact
Hoonah	coastal program special areas, plans, policies	Jerry Medina	
Hydaburg	coastal program special areas, plans, policies	Adrian Le Cornu	
City and Borough of Juneau	coastal program special areas, plans, policies	Teri Camery	
Kake	coastal program special areas, plans, policies	Lonnie Anderson	
Ketchikan Gateway Borough	coastal program special areas, plans, policies	Dave Taylor	
Klawock	coastal program special areas, plans, policies	Michael Quinn	
Pelican	coastal program special areas, plans, policies	Allen Stewart	
Petersburg	coastal program special areas, plans, policies	Leo Luczak	
City and Borough of Sitka	coastal program special areas, plans, policies	Marlene Campbell	
Skagway	coastal program special areas, plans, policies	Marj Harris	
Thorne Bay	coastal program special areas, plans, policies	Mike Harper	
Wrangell	coastal program special areas, plans, policies	Carol Rushmore	
City and Borough of Yakutat	coastal program special areas, plans, policies	Skip Ryman	

Contact Information				
Agency	Primary Contact		Alternate Contact	
	Name	Numbers	Name	Numbers
Alaska Department of Fish and Game	Mark Fink	work: 267-2338 fax: 267-2464 emer: 337-7933 email: mark_fink@fishgame.state.ak.us	Tom Schumacher	work: 465-4346 fax: 465-4272 emer: 586-2002 email: tom_schumacher@fishgame.state.ak.us
Alaska Department of Natural Resources	Doug Sanvik	work: 465-3513 fax: 586-2954 emer: 586-2954 email: doug_sanvik@dnr.state.ak.us	Sam Means	work: 269-8548 fax: 269-8913 emer: 333-7229 email: samm@dnr.state.ak.us
Alaska Department of Environmental Conservation	James Weise	work: 269-7647 fax: 269-7655 emer: 364-2281 email: james_weise@dec.state.ak.us	Suzan Hill	work: 269-7521 fax: 269-3990 emer: email: suzan_hill@dec.state.ak.us
	Manny Soares	work: 269-7640 fax: 269-7510 emer: 333-5312 email: msoares@dec.state.ak.us	Kimberly Stryker	work: 269-7583 fax: 269-7510 emer: email: kimberly_stryker@dec.state.ak.us
Alaska Department of Commerce, Community and Economic Development	Alaska Division of Tourism	work: 465-2012 fax: 465-3767 emer: email: GoNorth@dced.state.ak.us		work: fax: emer: email:
Alaska Natural Heritage Program	Julie Michaelson	work: 257-2782 fax: 257-2789 emer: 746-0959 email: anjam1@uaa.alaska.edu	Rob Lipkin	work: 257-2785 fax: 257-2789 emer: email: anrl@uaa.alaska.edu
Alaska Office of History and Archaeology	Dave McMahan	work: 269-8723 fax: 269-8908 emer: 279-0280 email: Dave_McMahan@dnr.state.ak.us	Joan Dale	work: 269-8718 fax: 269-8908 emer: 562-4314 email: joan_dale@dnr.state.ak.us
U.S. Department of the Interior	Pamela Bergmann	work: 271-5011 fax: 271-4102 emer: 333-0489 email: pamela_bergmann@ios.doi.gov	Doug Mutter	work: 271-5011 fax: 271-4102 emer: 345-7726 email: douglas_mutter@ios.doi.gov

Contact Information				
Agency	Primary Contact		Alternate Contact	
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U.S. Department of Commerce, National Marine Fisheries Service, Alaska Region	Brad Smith	work: 271-5006 fax: 271-3030 emer: 248-4211 email: brad.smith@noaa.gov	Jon Kurland	work: 586-7653 fax: 586-7358 emer: 321-4377 or 364-2396 email: kaja.brix@noaa.gov
			Kaja Brix	work: 586-7824 fax: 586-7012 emer: 586-1637 email: kaja.brix@noaa.gov
U.S. Department of Commerce, National Marine Fisheries Service, Alaska Fisheries Science Center, Auke Bay Laboratory	Jeep Rice	work: 789-6020 fax: 789-6094 emer: 789-0867 email: jeep.rice@noaa.gov	Jeff Short	work: 789-6065 fax: 789-6094 emer: 789-0579 email: jeff.short@noaa.gov
U.S. Department of Agriculture	Scott Snelson	work: 747-4329 fax: 747-4331 emer: 747-6671 email: ssnelson@fs.fed.us	Scott Fitzwilliams	work: 747-4236 fax: 747-4331 emer: 747-6671 email: sfitzwilliams@fs.fed.us
			Mark McCallum	work: 772-5876 fax: 772-5895 emer: 344-6496 email: mmccallum@fs.fed.us
	Dave Johnson	work: 826-1620 fax: 826-2972 emer: 344-6496 email: dmjohnson01@fs.fed.us	Terry Suminski	work: 747-4204 fax: 747-4253 emer: 344-6496 email: tsuminski@fs.fed.us
U.S. Department of Defense	Alaska Command	Work: 552-3944 fax: 552-4855 emer: 552-3000 email:	None	work: fax: emer: email:
U.S. Coast Guard	Marine Safety Office, Juneau	work: 463-2450 fax: 463-2445 emer: 463-2000 email:	17th District, Juneau	work: 463-2065: 463-2065 fax: 463-2216: 463-2216 emer: 463-2000: 463-2000 email:
NOAA Scientific Support Coordinator	John Whitney	work: 271-3593 fax: 271-3139 emer: 440-8109 email: john.whitney@noaa.gov		work: fax: emer: email:

Contact Information				
Agency	Primary Contact		Alternate Contact	
	Name	Numbers	Name	Numbers
Local Governments: Angoon	Floyd Kookesh, Mayor	work: 788-3653 fax: 788-3821: 343-4220 emer: email: CWFrank_53@yahoo.com	Jimmy George	work: fax: emer: email:
Craig	Brian Templin, Coastal Coordinator	work: 826-3275 fax: 826-3278 emer: email: planner@aptalaska.net		work: fax: emer: email:
City of Haines	Scott Hansen, Coastal Coordinator	work: 766-2231 fax: 766-3179: 262-8618 emer: email: shansen@haines.ak.us	Don Otis	work: 262-4441 fax: 262-8618 emer: email:
Hoonah	Jerry Medina, City Administrator	work: 945-3663 fax: 945-3445 emer: email: jmedina@hoonah.net	Albert Dick	work: 262-4441 fax: 262-8618 emer: email:
Hydaburg	Adrian Le Cornu, City Administrator	work: 285-3761 fax: 285-3760 emer: email: alecornu@ptialaska.net	Doug Mathena	work: : fax: : emer: email:
City and Borough of Juneau	Teri Camery, Com. Devel. Dept.	work: 586-0755: fax: 586-3365: emer: email: teri_camery@ci.juneau.ak.us		work: : fax: : emer: email:
Kake	Lonnie Anderson, Mayor	work: 785-3804: fax: 785-4815: emer: email: krisa@seaknet.alaska.edu		work: : fax: : emer: email:
Ketchikan Gateway Borough	Dave Taylor, Principal Planner	work: 238-6631: fax: 247-8439: emer: email: dtaylor@borough.ketchikan.ak.us		work: : fax: : emer: email:
Klawock	Michael Quinn	work: 755-2261: fax: 755-2403: emer: email:	Donna Williams	work: : fax: : emer: email:

Contact Information				
Agency	Primary Contact		Alternate Contact	
	Name	Numbers	Name	Numbers
Pelican	Allen Stewart	work: 735-2202: fax: 735-2258: emer: email: coastal@pelicanacity.net	Kathy Wasserman	work: : fax: : emer: email:
Petersburg	Leo Luczak, Director Community Development	work: 772-4533: fax: 772-4876: emer: email: luczak@alaska.net		work: : fax: : emer: email:
City and Borough of Sitka	Marlene Campbell, Coastal Coordinator	work: 747-1855: fax: 747-1856: emer: email: Campbell@cityofsitka.com		work: : fax: : emer: email:
Skagway	Marj Harris, City Clerk	work: 983-2297: fax: 983-2151: emer: email: mharris@skagway.org	John Mielke	work: : fax: : emer: email:
Thorne Bay	Mike Harper, City Administrator	work: 828-3380: fax: 828-3374: emer: email: cityoftb2@aptalaska.net		work: : fax: : emer: email:
Wrangell	Carol Rushmore, Planning Director	work: 874-2381: fax: 874-3952: emer: email: ecodev@wrangell.com		work: : fax: : emer: email:
City and Borough of Yakutat	Skip Ryman, Coastal Coordinator	work: 784-3323: fax: 784-3281: emer: email: bplanner@starband.net		work: : fax: : emer: email:

SENSITIVE AREAS: PART TWO – AREAS OF ENVIRONMENTAL CONCERN

A. BACKGROUND/CRITERIA

The following relative priority listing was developed by the Sensitive Areas Work Group, with representatives from state and federal agencies and the private sector. The list prioritizes resources into designations of major, moderate, and lesser concern. Resources are not prioritized within each designation. These designations are for consideration in initial spill response activities; they are not applicable to extended clean-up activities. This prioritization scheme must be used in conjunction with spill-specific information (e.g., size and location of spill, type of product, trajectory) to determine the actual protection priorities for that discharge.

The following criteria were developed as tools to establish levels of concern. These criteria are not listed in priority order.

CRITERIA FOR RELATIVE PRIORITY RATING

- Human economic disruption -- economic/social value; human food source disruption, health/safety
- Mortality – wildlife, fish, other organisms (how many potentially killed in relation to abundance)
- Animal displacement and sensitivity to displacement
- Aesthetic degradation
- Habitat availability and rarity
- Sublethal effects, including sensitivity to physical or toxic effects of oil and hazardous substances, and long-term affects to habitat, species, or both
- Threatened and endangered species, and/or other legal designation
- Persistent concentration of oil or hazardous substances
- Reproduction rate or recolonizing potential
- Relative importance to ecosystem
- Potential for physical contact with spill--pathway of oil or hazardous substances
- Resource sensitivity to response measures

B. AREAS OF MAJOR CONCERN

Shoreline Geomorphology - Coastal Habitat Types:

- Estuaries
- Sheltered Tidal Flats
- Sheltered Rocky Shores
- Marsh/Supratidal Wet Meadows
- Kelp Beds
- Eelgrass Beds
- Intertidal Areas of High Diversity

Threatened or Endangered Species Habitat:

- Sea Lion Rookeries and Haulouts
- Humpback Whale Summer, Fall, and Winter Concentrations

Harbor Seal Haulouts (>50 seals)

Seabird Colonies (>500 birds)

Marbled Murrelet Nearshore Feeding Concentrations (>50 birds)

Waterfowl/Shorebird Migratory, Molting, and Winter Concentrations

(>500, any Number of Harlequin Ducks, Loons, Swans, Black Oyster Catchers)

Large Anadromous Fish Streams (>10,000 fish peak escapement)

Eulachon Spawning Concentrations (including seal, sea lion and eagle feeding concentrations)

Herring (including capelin, hooligan, sandlance) Spawning Areas

Nearshore Juvenile Marine Fish-Rearing in Kelp and Reefs

Sea Otter Concentrations (>100 individuals)

Land Management Designations:

Federal: Wild and Scenic Rivers
National Natural Landmarks
National Wildlife Refuges
National Parks and Preserves
Designated Wilderness Areas
Resource Natural Areas

State: Refuges
Sanctuaries
Critical Habitat Areas
State Park-Managed Lands

Cultural Resources/Archaeological Sites:

- National Historic Landmarks
- Burial Sites
- National Register Eligible Sites
- Intertidal Sites

Subsistence and Personal Use Harvest Areas:

- High-use Salmon Harvest Areas (>10% of local households)

- High-use Marine Invertebrates Harvest Areas (>10% of local households)

High Commercial Use Areas:

- Intensive Commercial Fishing by season
- Salmon Hatchery and Ocean Pens
- Shore-based Fish Processing Plants during operation
- Set-net Fisheries (e.g., Yakutat forelands)
- Mariculture Farms

High Recreational Use Areas

- High-use Commercial Wildlife Viewing (e.g., eagles, bears, marine mammals)

Waterfront Buildings on Pilings

Marinas and Harbors

Floating Camps

C. AREAS OF MODERATE CONCERN

Shoreline Geomorphology - Coastal Habitat Types:

- Exposed Tidal Flat

- Cobble Beaches (overlying and filling bedrock basins in the intertidal zone)

- Cutthroat, Dolly Varden, Steelhead Streams and Estuaries

- Cetacean Concentrations (non-humpback)

- Harbor Seal Haulouts (10-50 seals)

- Sea Otter Established Populations (low density)

- Seabird Colonies (100-500 birds)

- Waterfowl/Shorebird Migratory, Molting, and Winter Concentrations (250-500 birds)

- Osprey Feeding Concentrations (e.g., Wrangell Narrows)

- Anadromous Fish Streams (500-10,000 total escapement or 100-500 pink/chum salmon)

Subsistence and Personal Use Harvest Areas:

- Intensive Personal-use Clamming

- Marine Mammal Subsistence Use

Commercial Harvest Areas:

- Intensive Crabbing

- Abalone Harvesting

Recreational Use Areas:

- Moderate-use Commercial Wildlife Viewing

- Recreation Areas

- Non-estuarine Sport-fishing Streams

Land Management Designations:

- Federal: National Monuments (non-wilderness)

- Native Allotments

- Indian Reservations

Cultural Resources/Archaeological Sites:

- Un-surveyed, High-probability Sites

- Shipwreck in Tidal or Beach over 50 Years Old

D. AREAS OF LESSER CONCERN

Shoreline Geomorphology - Coastal Habitat Types:

Sheltered Gravel Beaches

Sheltered Sand and Gravel Beaches

Harbor Seal Haulouts (<10 seals)

Peregrine Falcon Nesting Cliffs

Waterfowl Nearshore Molting Areas (<250 birds)

Bald Eagle Nests

Seabird Colonies (< 100 birds)

Waterfowl/Shorebird Migratory, Molting, and Winter Concentrations (< 250 birds)

Anadromous Fish Streams (<500 total escapement or <100 pink/chum salmon)

Herring Winter Concentrations

Subsistence and Personal Use Harvest Areas:

Low-use Invertebrates Harvest

Commercial Harvest Areas:

Houseboats (moveable)

Log Transfer Facility

Log Storage

Floating (moveable) Fish Processor

Recreational Use Areas:

Intensive Sport-fishing by Season

Recreation facilities (cabin, campground, tent platform, dock/mooring, boat launch)

Undeveloped Recreation Areas

Land Management Designations:

Federal: Public Lands

National Forests

National Preserves

State: General Public Lands

Cultural Resources/Archaeological Sites:

Sites Adjacent to Shorelines (inland over 300 feet elevation)

Unsurveyed, Low-probability Sites

Surveyed with no Sites

Shipwreck not Tidal or Beach and Less Than 50 Years Old

SENSITIVE AREAS: PART THREE – RESOURCE SENSITIVITY

The following sensitivity tables were developed by the Sensitive Areas Work Group, with representatives from State and Federal agencies and the private sector (not all information is complete at this time). Where references are available they are noted at the end of the tables. Periods and/or conditions when resources are of varying levels of concern (most, medium, least), with respect to oil spill impacts, are noted in the following tables.

SHORELINE GEOMORPHOLOGY

(references: 8)

Category	Least	Medium	Most
Coastal Habitat Types	Fine-grained sand beaches Exposed wave-cut platforms Exposed rocky shores	Gravel beaches Mixed sand & gravel beaches Exposed tidal flats Coarse grained sand beaches Riprap structures	Marshes Eelgrass beds Sheltered tidal flats Sheltered rocky flats
Lake And River Habitat Types	Exposed rocky cliffs & banks Bedrock shores & ledges, rocky shoals Eroding scarps/bank in unconsolidated sediment Exposed man-made structures	Sand beaches & bars Mixed sand & gravel beaches/bars Gravel beaches/bars Gently sloping banks Exposed flats Riprap	Sheltered scarps in bedrock Vegetated steep sloping bluffs Sheltered man-made structures Vegetated low banks Sheltered sand & mud & muddy substrates Marshes
Upland Habitat Types	Alpine tundra Mesic/dry tussock tundra	Low shrub vegetation Dwarf shrub mat and cushion tundra	Riparian willow

THREATENED OR ENDANGERED SPECIES

(reference: 19)

Category	Least	Medium	Most
Endangered Species			Whales: Fin, Blue, Sei, Northern right, Humpback, Sperm Fish: Upper Columbia River Spring Chinook Salmon and Steelhead Birds: Short-tailed albatross,

Category	Least	Medium	Most
Threatened Species			Pinipeds: Steller sea lion Fish: Snake River Fall, Spring, Summer Chinook Salmon; Puget Sound Chinook Salmon; Lower Columbia River Chinook Salmon and Steelhead; Upper Willamette River Chinook Salmon and Steelhead; Snake River Basin Steelhead; Middle Columbia river Steelhead
Potential Species		Northern Goshawk Alexander Archipelago Wolf Kittlitz's murrelet	
Protected Species			Bald eagle, Golden eagle, All marine mammals and migratory birds

SEA OTTERS

(references: 1,8,14)

Category	Least	Medium	Most
Abundance		< 20	> 100
Susceptibility			Year around
Human Harvest	Year around		

Critical Life Periods **J F M A M J J A S O N D**

Present nearshore =====

Pupping =====

STELLER SEA LIONS

(references: 1,8)

Category	Least	Medium	Most
Abundance			
Susceptibility		Year around	
Human Harvest	June 1 – Aug 31	April 1 – May 31	Sept 1 – July 31

Critical Life Periods **J F M A M J J A S O N D**

Pupping ===

Molting =====

On rookeries =====

On haulouts =====

WATERFOWL AND SHOREBIRDS

(references: 1,8)

Category	Least	Medium	Most
Abundance	< 250	250 - 500	> 500
Susceptibility	Nov 1 - Jan 31*	Feb 1 - April 14 May 16 - Aug 14	April 15 – May 15 Aug 15 - Oct 31
Species Diversity	1 – 3	4 – 6	> 6
Human Harvest	June 1 – Aug 31	Dec 1 - Dec 31	(season closed) Sept 1 - Nov 30

* In unique locations where waterfowl concentrate during the winter, their susceptibility would be high.

Critical Life Periods J F M A M J J A S O N D

Spring migration	===									
Nesting/rearing		=====								
Fall migration						=====				
Winter concentrations	=====						=====			

HERRING (INCLUDING CAPELIN/HOOLIGAN/SANDLANCE)

(references: 1,4)

Category	Least	Medium	Most
Abundance (Biomass in Tons)	< 500	500 - 5,000	> 5,000
Susceptibility	Oct 1 - Feb 28	March 1 - March 31	April 1 - Sept 30
Human Harvest	Jan 1 - Feb 28	June 1 - Dec 31	March 1 - May 31

Critical Life Periods J F M A M J J A S O N D

Spawning	====									
Present nearshore		=====								

SALMON (INCLUDING HATCHERY FISH)

(references: 1)

Category	Least	Medium	Most
Abundance	< 500 spawners (pink & chum) < 50 spawners (sockeye) < 1,000 spawners (coho)	500 - 25,000 (pink & chum) 50 - 1,000 (sockeye) 1,000 - 5,000 (coho)	> 25,000 (pink & chum) > 1,000 (sockeye) > 5,000 (coho)
Susceptibility	Dec 1 - Jan 31	Feb 1 - April 30 Nov 1 - Nov 30	May 1 - Oct 31
Species Diversity	2 or less	2 - 3	4 and greater
Human Harvest		Oct 10 - May 15	May 15 - Oct 10

Critical Life Periods J F M A M J J A S O N D

Adults nearshore		=====								
Spawning in streams	=====		=====							
Spawning intertidally						=====				
Eggs/young development	=====						=====			
Smolt outmigration		=====								

5. Juneau Area Plan - Fish and Wildlife Resources Element (Alaska Department of Natural Resources/Alaska Department of Fish and Game 1993)
Prince of Wales Island Area Plan - Fish and Wildlife Resource Element (Alaska Department of Natural Resources/Alaska Department of Fish and Game 1990)
Yakataga Area Plan - Fish and Wildlife Resource Element (Alaska Department of Natural Resources/Alaska Department of Fish and Game 1993)
6. An Atlas of the Catalog of Waters Important to the Spawning, Rearing on Migration of Anadromous Fish (Alaska Department of Fish and Game 1993)
7. Subsistence Resource Use Patterns in Southeast Alaska (Alaska Department of Fish and Game, Division of Subsistence 1993)
8. Environmental Sensitivity Index Maps for Quads in Southeast Alaska (RRI for NOAA 1993)
9. National Oceanic and Atmospheric Administration Nautical Charts
10. Recreational Fisheries of Southeast Alaska, Including Yakutat: An Assessment (Alaska Department of Fish and Game, Division of Sport Fish, 1984)
11. U.S. Forest Service Alaska Regional Office, Tongass geographic information system data
12. Fish and Wildlife Service Juneau Field Office - bald eagle nest site database
13. Salmon Holes & Halibut Hills, A Sport Fishing Atlas of Southeast Alaska (Alaska Department of Fish and Game 1989)
14. Fish and Wildlife Service marine mammals database (contact Tony DeGange at 271-2344)
15. Contact cultural resources personnel (see Section D. "Agency Contacts/Expertise")
16. Attachment One, Salmon Escapement Tables for Southeast Alaska
17. Alaska Department of Natural Resources, Office of History and Archeology. Alaska Heritage Resources Survey (AHRs)
18. Minerals Management Service report on shipwrecks in Alaska
19. Fish and Wildlife Service, National Marine Fisheries Service, Forest Service

SENSITIVE AREAS: PART FOUR – BACKGROUND INFORMATION

INTRODUCTION

The background information contained in this section is a mixture of references to readily available documents, knowledgeable contacts, and data not readily available elsewhere.

LAND MANAGEMENT MAPS

The Alaska Department of Natural Resources, under agreement with the Alaska Department of Environmental Conservation, produced digital base and land management maps for each of the subareas using their ARC-INFO based Geographic Information System. The following land management maps provide an index to the Public Land Record and should not be viewed as legal documents. These maps are available on the internet at: <http://www.asgdc.state.ak.us/maps/cplans/subareas.html>

A. LAND MANAGEMENT DESIGNATIONS

1. Access to Lands

Land ownership must be determined and landowners contacted to evaluate incident-specific protection priorities, obtain land-use permitting requirements, and obtain permission to access lands. Native corporation lands, as well as local, State, and Federal government lands often require special use permits. If an incident affects private lands or Native Allotments, permission to enter lands should be sought from the landowner. The local Borough government is often the best source of private land ownership records.

2. State

Legislatively designated State Parks and State Marine Parks are identified in Part Four, Recreational Sites and Facilities.

The Alaska State Legislature has classified certain areas as being essential to wildlife and fisheries resources (see below). These areas are designated as a game refuge, critical habitat area or game sanctuary. Management of these areas is the joint responsibility of the Departments of Fish and Game and Natural Resources. Legislation pertaining to these lands may be found in Alaska Statutes Title 16, Chapter 20. Legal descriptions of area boundaries can be found in Alaska Department of Fish and Game's publication, *State of Alaska Game Refuges, Critical Habitat Areas and Game Sanctuaries*.

Yakataga State Game Refuge was established in 1976 to protect spring and fall resting and feeding habitat for migrating waterfowl and shorebirds. The refuge is best known for Canada geese, ducks and bald eagles. Over 178 species of birds have been seen in the refuge, with the largest number present in April and May. The area is also used for wildlife viewing, hunting, fishing and boating. For further information regarding the Refuge, please see the Yakataga State Game Refuge Management Plan (ADF&G 1999a).

Chilkat River State Critical Habitat Area was established in 1972 to protect the up to 3,500 bald eagles that gather to feed on late-run chum salmon. The greatest eagle concentrations occur during mid to late November. The area also provides winter moose habitat. Wildlife viewing is popular.

Mendenhall Wetlands State Game Refuge was established in 1976 to protect natural habitat and game populations, especially waterfowl. For further information regarding the Refuge, please see the Mendenhall Wetlands State Game Refuge Management Plan (ADF&G 1990).

Primary Data Sources

- Contingency Plan (C-Plan) Regional Boundaries: Alaska Department of Environmental Conservation (ADEC) (scale approximately 1:1 million; automated in 1995 by ADNR from 18AAC 75.495 specifications).
- State Land Ownership: Alaska Department of Natural Resources (ADNR), Land Administration System (section-level resolution; December 1998).
- State Legislatively Designated Areas: ADNR, Land Administration System (section-level resolution; February 1995).
- Native and Other Private: Alaska Native Claims Settlement Act, Bureau of Land Management (section-level resolution; December 1998); ADNR, Land Administration System (section-level resolution; December 1998)
- Patented Disposed Federal Lands (Native Allotments or Private Parcels): Bureau of Land Management (section-level resolution; December 1998).
- Conservation System Units: Bureau of Land Management (1991) and ADNR edits since then (February 1998).
- Wilderness Designations:
 - U.S. Geological Survey (1:2 million scale; May 1995).
 - U.S. Fish & Wildlife Service (1:2 million scale; May 1995).
 - U.S. Forest Service (1:63,360; May 1995).
 - U.S. National Park Service (1:63,360; May 1995).
 - Bureau of Land Management (section-level resolution; December 1998).
- Military Lands: Bureau of Land Management (section-level resolution; December 1998).
- Coastline: ADNR, Land Records Information Section; US Geological Survey; US Forest Service, Chugach; US Forest Service, Tongass; EVOS Trustee Council, (February 1998).
- Streams and Lakes: Digital Chart of the World, Defense Mapping Agency (1:1 million scale; 1991 data released by Environmental Systems Research Institute).
- Roads & Railroads: Digital Chart of the World, Defense Mapping Agency (1:1 million scale; 1991 data released by Environmental Systems Research Institute).
- Geographic Place Names: Dictionary of Alaska Place Names (1967) and U.S. Geological Survey Quadrangle Maps, (1:1 million scale; automated by U.S. Geological Survey, 1994, and annotated by ADNR, June 1996).
- Borough Boundaries: Alaska Department of Community & Regional Affairs (1997) (1:250,000 scale) and ADNR (1997).
- Native Corporation Boundaries: ADNR (approximately 1:1 million scale; automated from U.S. Census Bureau digital files, verified and updated by ADNR, July 1995).

Master Legend

Land Management

	National Forest Service		Both State and ANCSA Lands within section
	National Park Service		Alaska Native Claims Settlement Act (ANCSA) Lands
	National Wildlife Refuges		Municipal or Other Private Parcels
	Wild and Scenic Rivers outside of the National Wildlife Refuges or National Park Service		Federal Designated Wilderness Areas or Wilderness Study Areas
	Bureau of Land Management		State Selected
	Military		State Wildlife, Park, Forest, and other Multiple Use Areas
	State Lands		Native Selected
			Private Parcels (Disposed Federal Lands) or Native Allotments

Other Map Features

	C-Plan Boundary (On Land)
	C-Plan Boundary (Offshore)
	Borough Boundary
	Native Corporation Boundary
	Wilderness Study Area Boundary
	Major Highways
	Other Roads

To Re-Order Maps

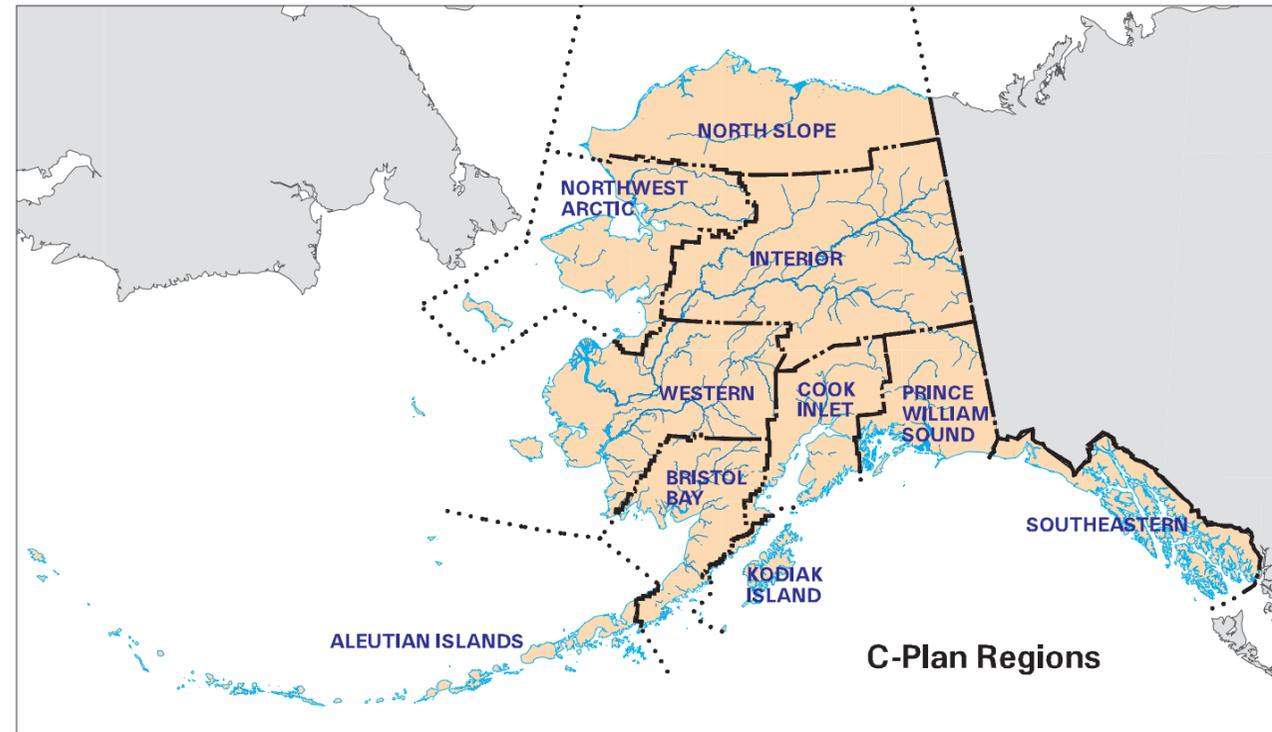
This legend page and the Sensitive Areas Land Management maps were produced using ARC/INFO software and output as digital postscript files.

To purchase copies of the Sensitive Areas Land Management maps, please contact:

Alaska Department of Natural Resources
 Division of Support Services
 Land Records Information Section
 550 W 7th Avenue, Suite 706
 Anchorage, Alaska 99501
 (907)269-8833

CONTINGENCY PLANNING

Sensitive Areas Land Management Maps



Hierarchy for Depicting Land Ownership

The land management maps in this C-Plan series depict ownership according to the following hierarchy (e.g., any portion of a section that is State Patented or Tentatively Approved causes the whole section to be depicted as State land):

- State Municipal Entitlements or Land Exchanges or other Land Disposals.
- Patented Disposed Federal Lands (Native Allotments or Private Parcels).
- State Patented or Tentatively Approved (includes casetypes 101-114, 116-117, 128-129).
- Alaska Native Claims Settlement Act (ANCSA) Patented or Interim Conveyed.
- Major Military.
- National Wildlife Refuges, National Park System Units.
- National Wild & Scenic Rivers outside National Park System Units and National Wildlife Refuges.
- National Forests and Monuments, National Petroleum Reserve-Alaska, National Recreation Areas and National Conservation Areas.
- Bureau of Land Management Public Lands.

Note: Cross-hatched areas indicate an overlay of State-Selected lands (including Alaska National Interest Lands Conservation Act topfilings) and Alaska Native Claims Settlement Act-Selected lands.

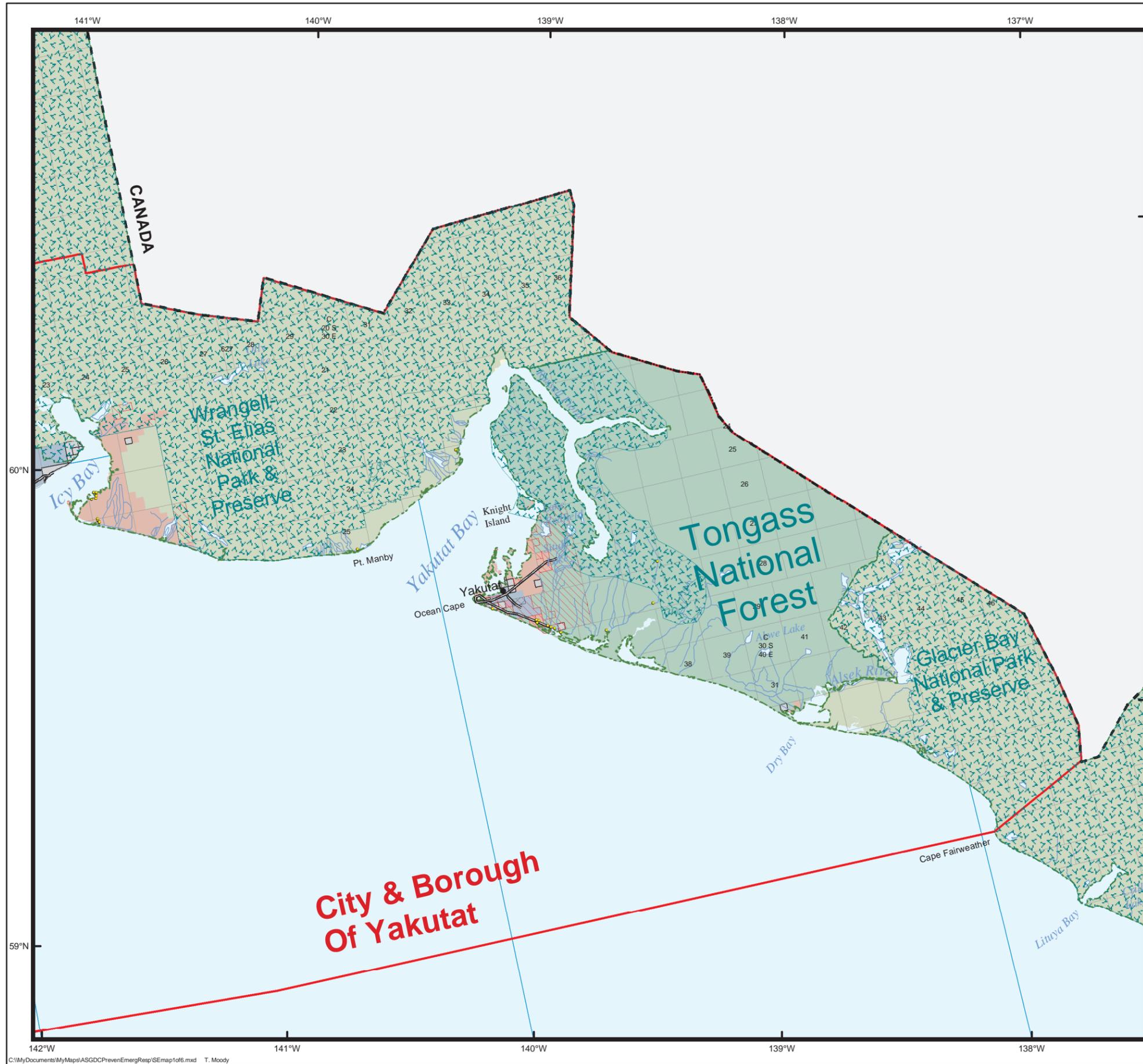
Note: The Alaska Maritime National Wildlife Refuge (NWR) is not completely depicted. Areas where it is depicted are shaded, however, they are not outlined. The Alaska Maritime NWR is described as follows:

The Alaska Maritime NWR consists of all public lands, including submerged waters and interests therein on islands, islets, rocks, reefs, spires, and designated capes and headlands in the coastal areas and adjacent seas of Alaska within five designated subunits: Chukchi Sea, Bering Sea, Aleutian Islands, Alaska Peninsula, and Gulf of Alaska Units; and includes an undetermined quantity of submerged land, if any, retained in Federal ownership at the time of statehood around Kodiak and Afognak Islands. The refuge is generally depicted on the USGS maps entitled, "Alaska Maritime National Wildlife Refuge" dated October 1979.

Background

The Alaska Department of Natural Resources (ADNR), under agreement with the Alaska Department of Environmental Conservation (ADEC), produced digital land management maps for each of the Contingency Plan (C-Plan) Region Subareas, using an ARC/INFO based Geographic Information System (GIS). The following land management maps provide an index to the Public Land Record and should not be viewed as legal documents. More detailed State Status Plats portraying State land ownership by township are available at the Alaska Department of Natural Resources' Public Information Centers. Master Title Plats portraying Federal and Alaska Native Claims Settlement Act land ownership are available at the Bureau of Land Management's Public Room, Federal Building.

The land management maps summarize land ownership and represent a hierarchical, section-level index to the underlying, detailed land ownership.



LAND MANAGEMENT

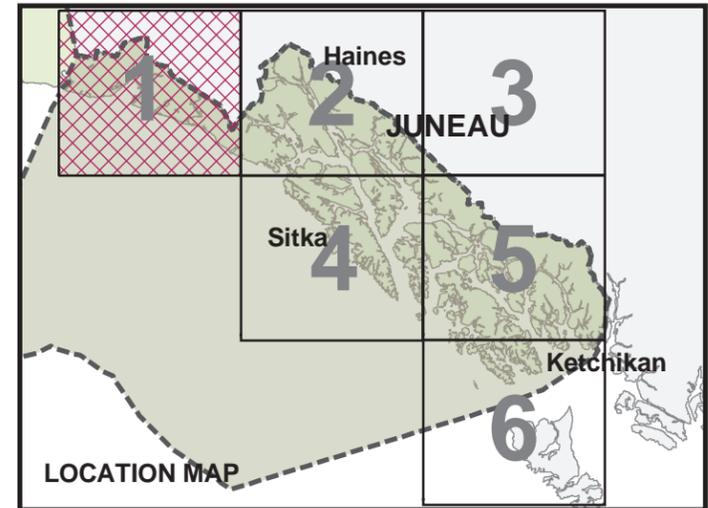
SOUTHEAST ALASKA

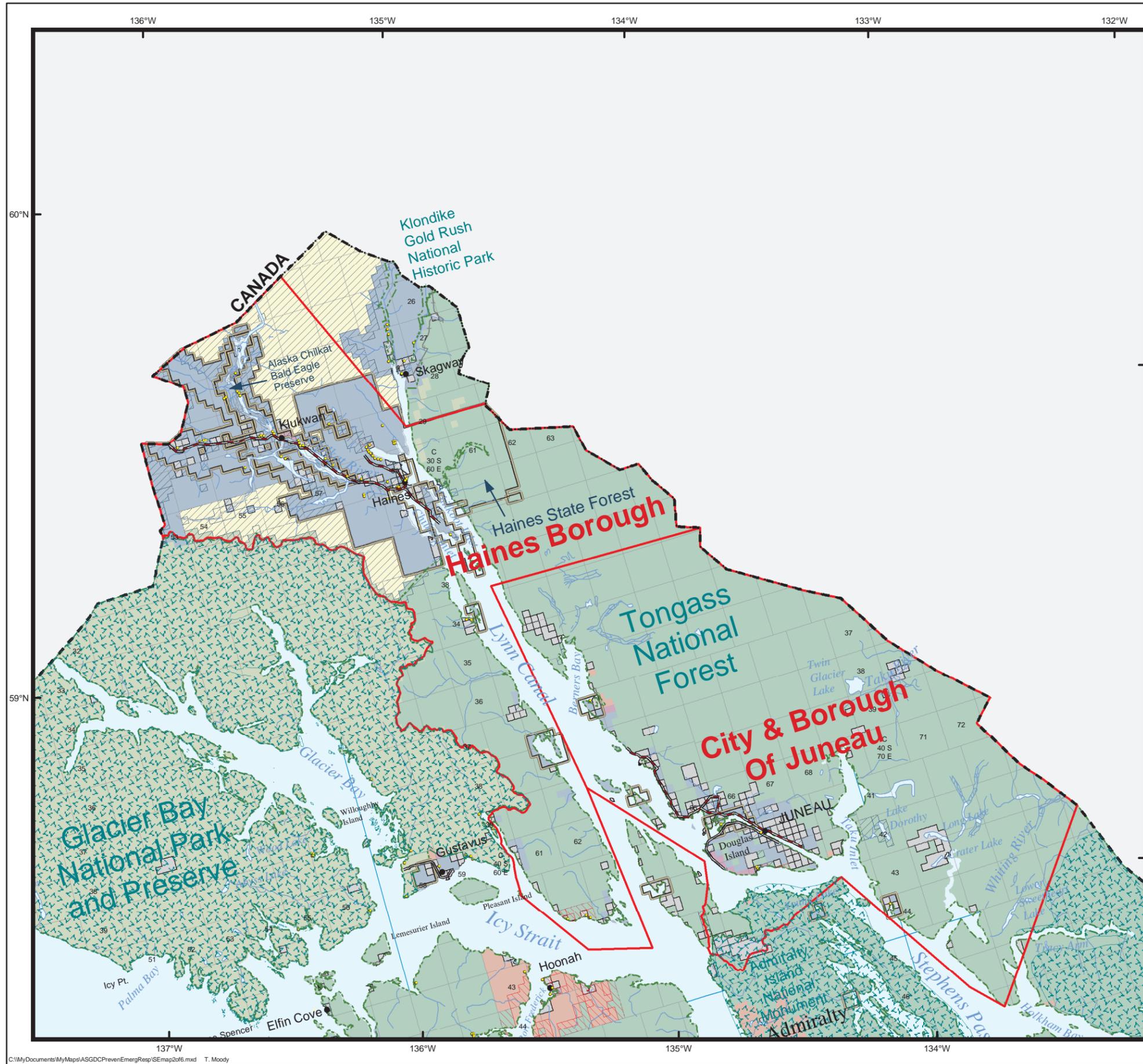
Map 1 of 6

Map projection: Albers Equal Area
Map scale: 1:1,000,000

0 25 Miles

- National Forests, Monuments, Recreation, and Conservation Areas
- National Park System
- National Wildlife Refuges
- National Wild and Scenic Rivers Outside National Park System and Outside National Wildlife Refuges
- Bureau of Land Management Public Lands
- Major Military
- State Patented Tentatively Approved or Other State Acquired Lands *(Land Administration System, March 2005)*
- Both State and ANCSA Lands Within a Section
- ANCSA Patented or Interim Conveyed *(BLM, March 2005)*
- Municipal or Other Private Parcels *(BLM, March 2005)* *(Land Administration System, March 2005)*
- Federal Designated Wilderness Areas or Wilderness Study Areas
- State Selected (ANILCA Topfilings included)
- State Wildlife, Park, Forest, and Other Multiple Use Areas
- ANCSA Selected *(BLM, March 2005)*
- Native Allotments *(Bureau of Land Management, March 2005)*





LAND MANAGEMENT

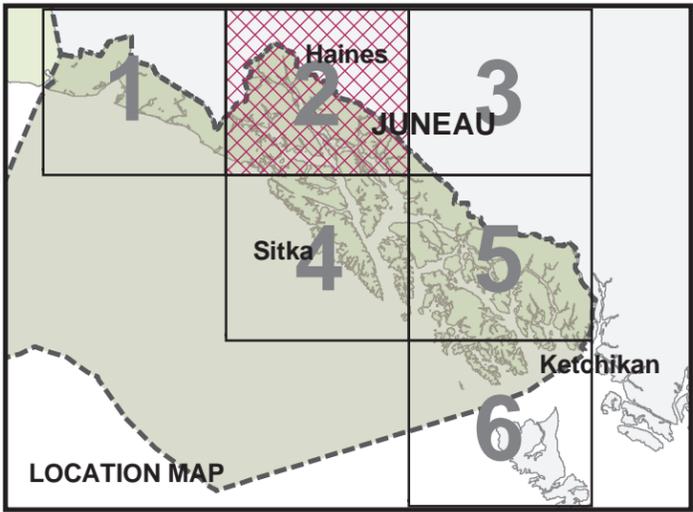
SOUTHEAST ALASKA

Map 2 of 6

Map projection: Albers Equal Area
Map scale: 1:1,000,000

0 25 Miles

- National Forests, Monuments, Recreation, and Conservation Areas
- National Park System
- National Wildlife Refuges
- National Wild and Scenic Rivers Outside National Park System and Outside National Wildlife Refuges
- Bureau of Land Management Public Lands
- Major Military
- State Patented Tentatively Approved or Other State Acquired Lands (Land Administration System, March 2005)
- Both State and ANCSA Lands Within a Section
- ANCSA Patented or Interim Conveyed (BLM, March 2005)
- Municipal or Other Private Parcels (BLM, March 2005) (Land Administration System, March 2005)
- Federal Designated Wilderness Areas or Wilderness Study Areas
- State Selected (ANILCA Topfilings included)
- State Wildlife, Park, Forest, and Other Multiple Use Areas
- ANCSA Selected (BLM, March 2005)
- Native Allotments (Bureau of Land Management, March 2005)



131°W 130°W 129°W 128°W

LAND MANAGEMENT

SOUTHEAST ALASKA

Map 3 of 6

Map projection: Albers Equal Area
Map scale: 1:1,000,000



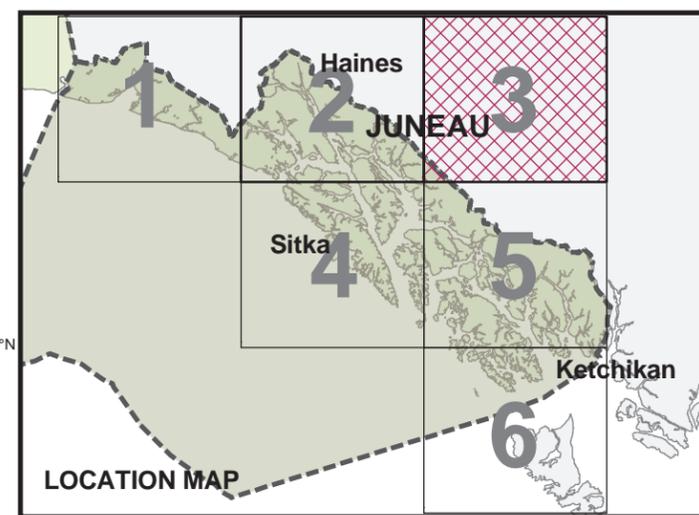
59°N

58°N

58°N

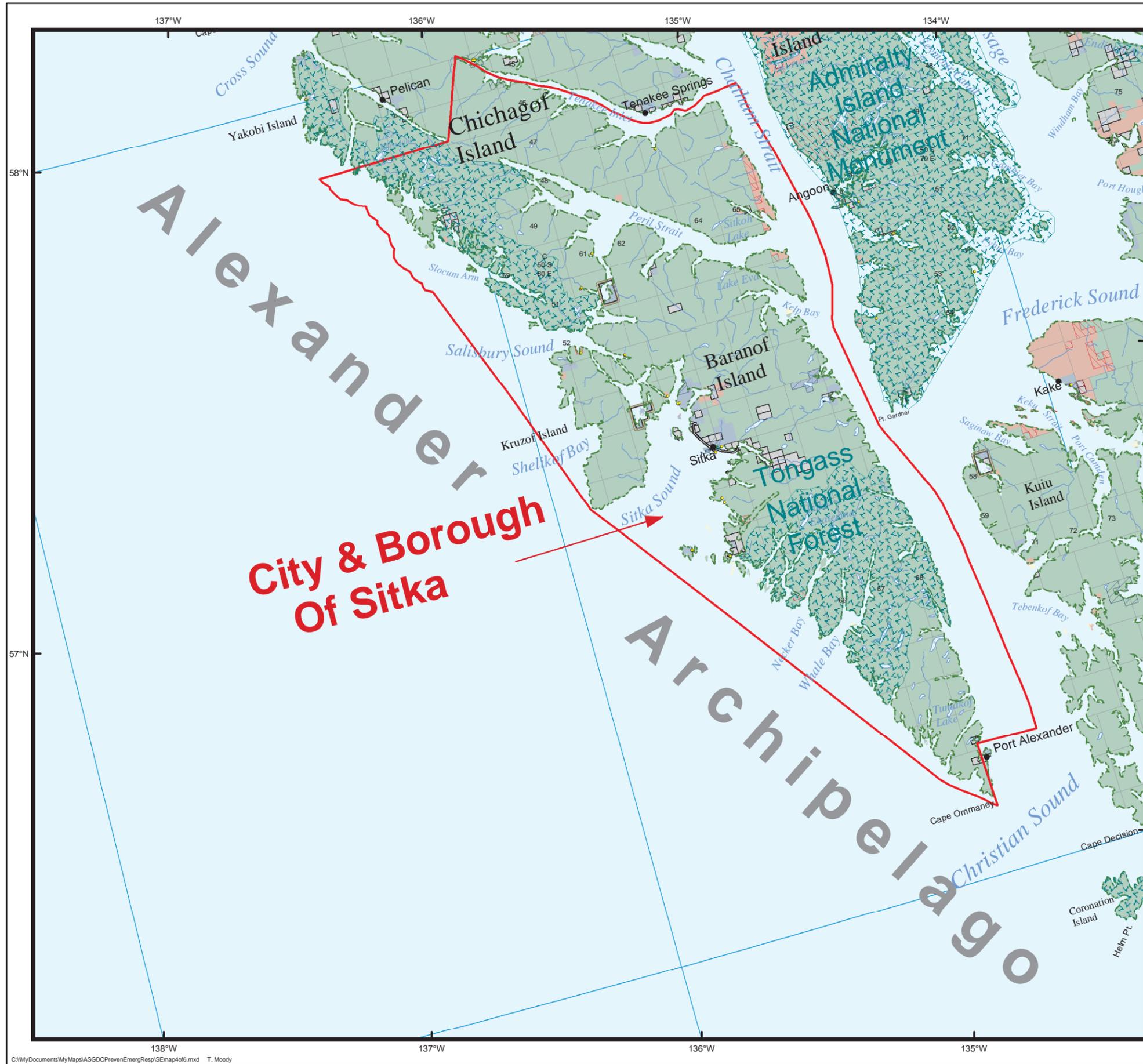
57°N

-  National Forests, Monuments, Recreation, and Conservation Areas
-  National Park System
-  National Wildlife Refuges
-  National Wild and Scenic Rivers Outside National Park System and Outside National Wildlife Refuges
-  Bureau of Land Management Public Lands
-  Major Military
-  State Patented Tentatively Approved or Other State Acquired Lands *(Land Administration System, March 2005)*
-  Both State and ANCSA Lands Within a Section
-  ANCSA Patented or Interim Conveyed *(BLM, March 2005)*
-  Municipal or Other Private Parcels *(BLM, March 2005)*
(Land Administration System, March 2005)
-  Federal Designated Wilderness Areas or Wilderness Study Areas
-  State Selected (ANILCA Topfilings included)
-  State Wildlife, Park, Forest, and Other Multiple Use Areas
-  ANCSA Selected *(BLM, March 2005)*
-  Native Allotments *(Bureau of Land Management, March 2005)*



CANADA

133°W 132°W 131°W 130°W



LAND MANAGEMENT

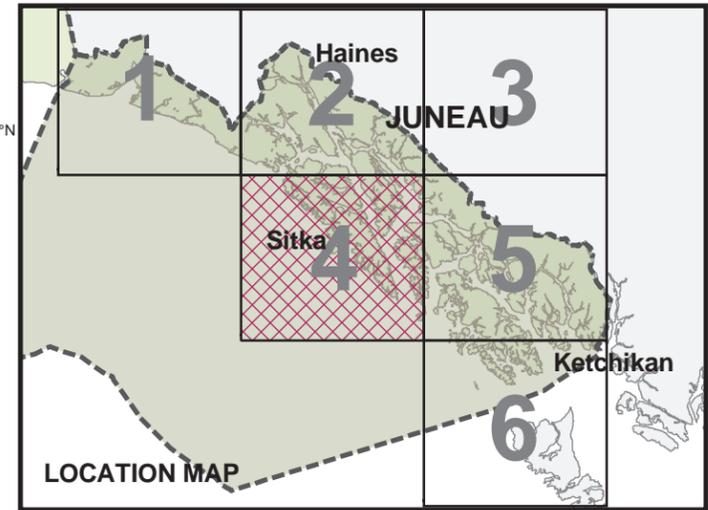
SOUTHEAST ALASKA

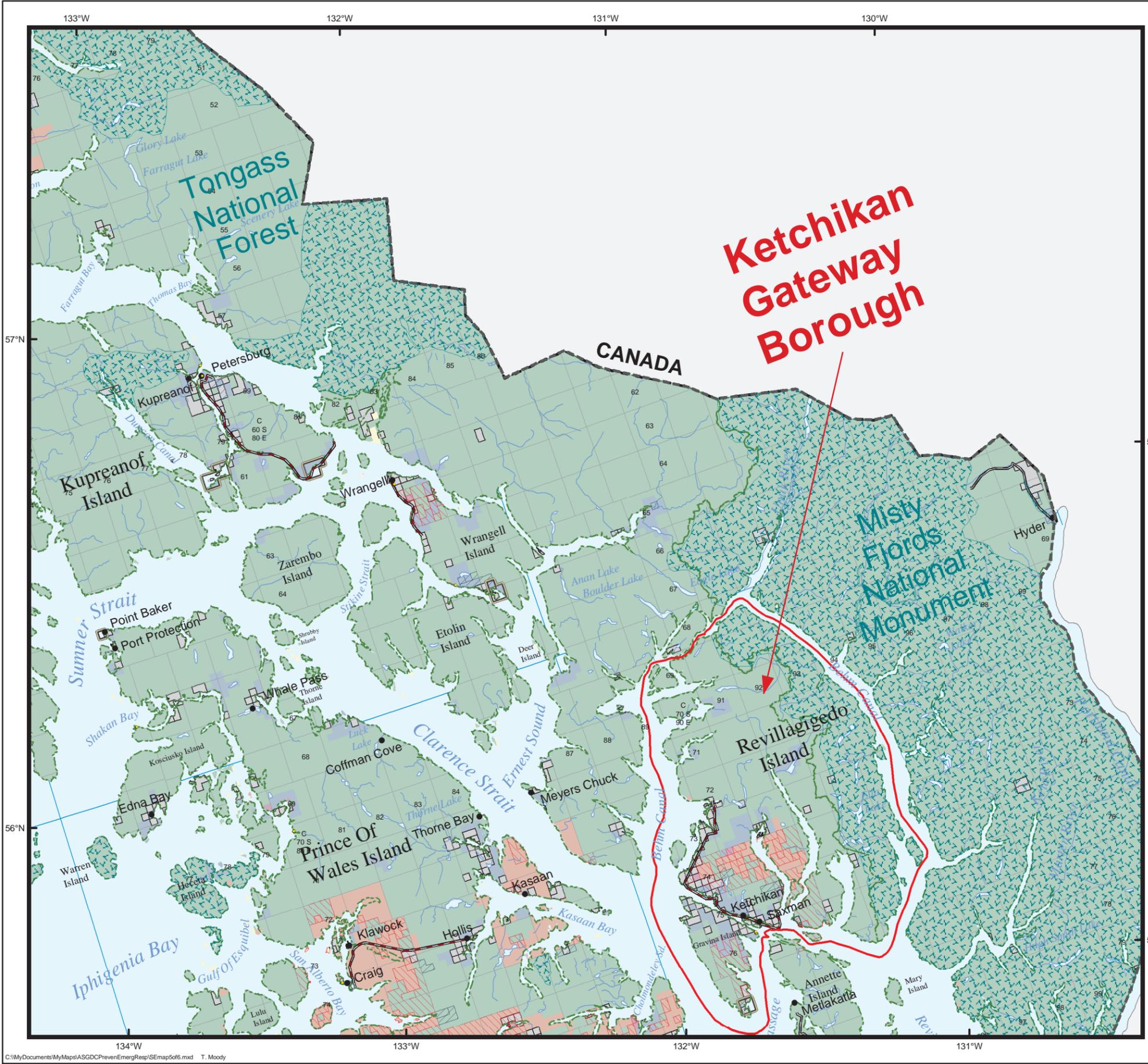
Map 4 of 6

Map projection: Albers Equal Area
Map scale: 1:1,000,000

0 25 Miles

- National Forests, Monuments, Recreation, and Conservation Areas
- National Park System
- National Wildlife Refuges
- National Wild and Scenic Rivers Outside National Park System and Outside National Wildlife Refuges
- Bureau of Land Management Public Lands
- Major Military
- State Patented Tentatively Approved or Other State Acquired Lands (Land Administration System, March 2005)
- Both State and ANCSA Lands Within a Section
- ANCSA Patented or Interim Conveyed (BLM, March 2005)
- Municipal or Other Private Parcels (BLM, March 2005) (Land Administration System, March 2005)
- Federal Designated Wilderness Areas or Wilderness Study Areas
- State Selected (ANILCA Topfilings included)
- State Wildlife, Park, Forest, and Other Multiple Use Areas
- ANCSA Selected (BLM, March 2005)
- Native Allotments (Bureau of Land Management, March 2005)





LAND MANAGEMENT

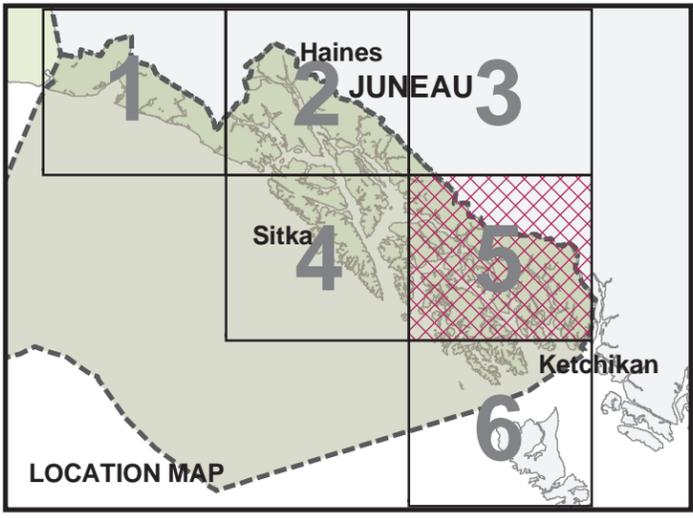
SOUTHEAST ALASKA

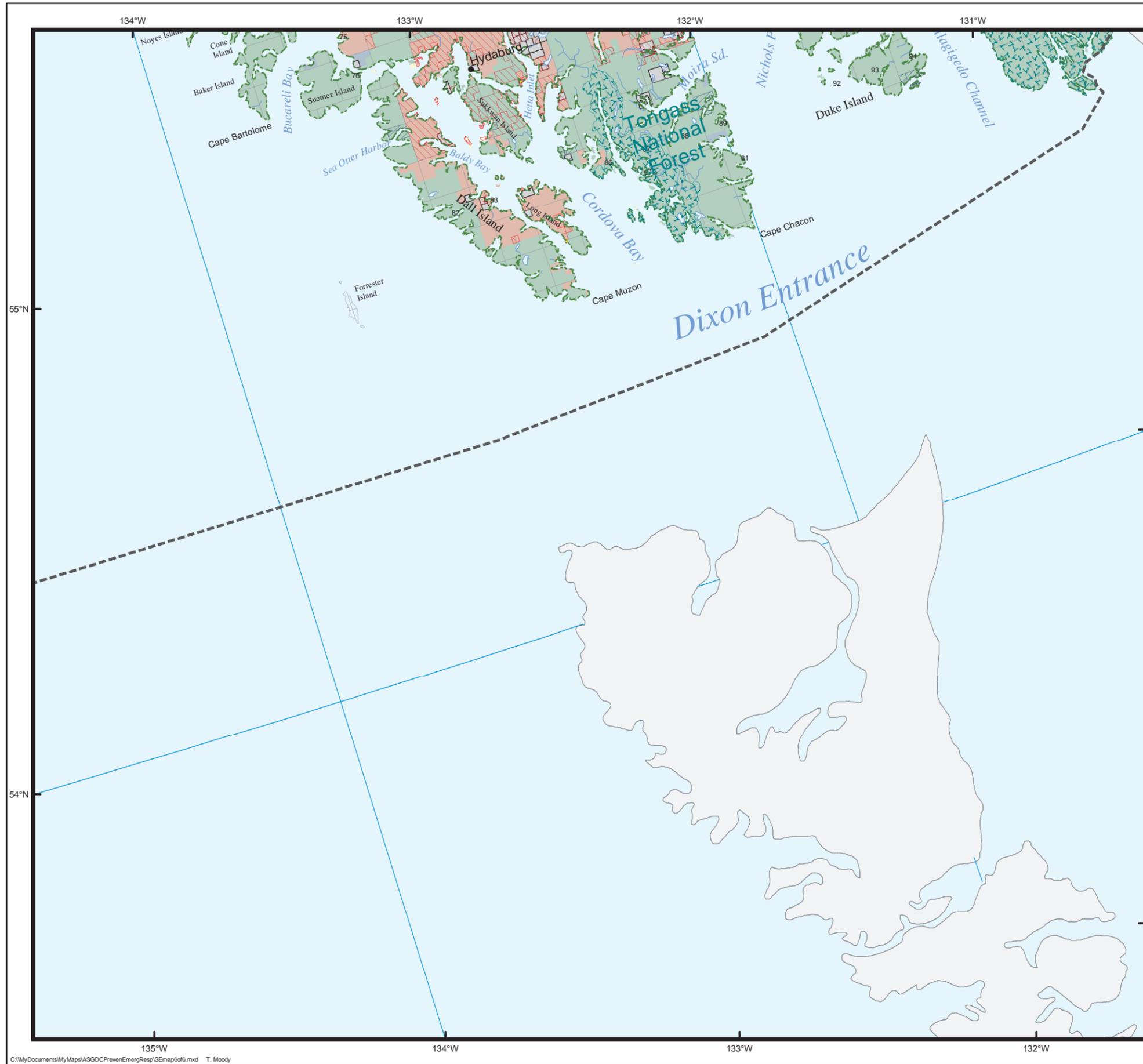
Map 5 of 6

Map projection: Albers Equal Area
Map scale: 1:1,000,000

0 25 Miles

- National Forests, Monuments, Recreation, and Conservation Areas
- National Park System
- National Wildlife Refuges
- National Wild and Scenic Rivers Outside National Park System and Outside National Wildlife Refuges
- Bureau of Land Management Public Lands
- Major Military
- State Patented Tentatively Approved or Other State Acquired Lands (Land Administration System, March 2005)
- Both State and ANCSA Lands Within a Section
- ANCSA Patented or Interim Conveyed (BLM, March 2005)
- Municipal or Other Private Parcels (BLM, March 2005) (Land Administration System, March 2005)
- Federal Designated Wilderness Areas or Wilderness Study Areas
- State Selected (ANILCA Topfilings included)
- State Wildlife, Park, Forest, and Other Multiple Use Areas
- ANCSA Selected (BLM, March 2005)
- Native Allotments (Bureau of Land Management, March 2005)





LAND MANAGEMENT

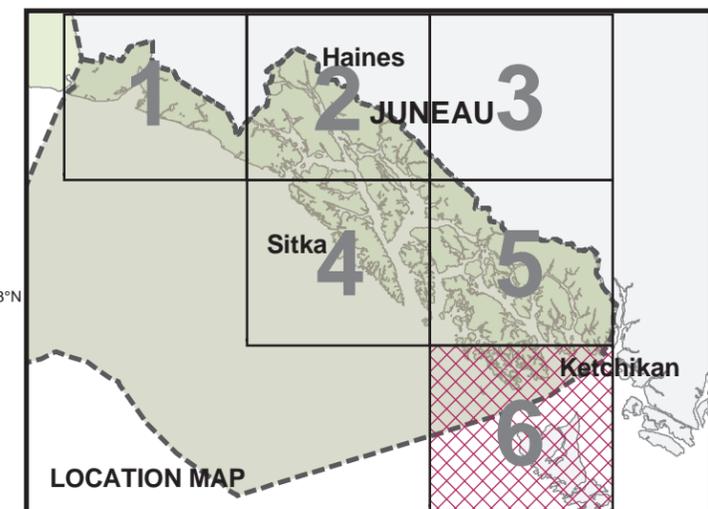
SOUTHEAST ALASKA

Map 6 of 6

Map projection: Albers Equal Area
Map scale: 1:1,000,000



- National Forests, Monuments, Recreation, and Conservation Areas
- National Park System
- National Wildlife Refuges
- National Wild and Scenic Rivers Outside National Park System and Outside National Wildlife Refuges
- Bureau of Land Management Public Lands
- Major Military
- State Patented Tentatively Approved or Other State Acquired Lands (Land Administration System, March 2005)
- Both State and ANCSA Lands Within a Section
- ANCSA Patented or Interim Conveyed (BLM, March 2005)
- Municipal or Other Private Parcels (BLM, March 2005) (Land Administration System, March 2005)
- Federal Designated Wilderness Areas or Wilderness Study Areas
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- State Wildlife, Park, Forest, and Other Multiple Use Areas
- ANCSA Selected (BLM, March 2005)
- Native Allotments (Bureau of Land Management, March 2005)



Dude Creek State Critical Habitat Area was established in 1988 to protect the wet meadow habitat which is a key resting area for lesser sandhill cranes during their spring and fall migrations. Local residents use the area for recreation.

Stan Price State Game Sanctuary was established in 1990 to provide permanent protection for brown bears, other fish and wildlife populations, and the scientific, aesthetic and educational values of the area.

3. Federal

See Part Four, Recreational Sites and Facilities, for National Parks and National Forests information.

Alaska Maritime National Wildlife Refuge contact: Refuge Manager, Homer, 907/235-6546. The Refuge includes several islands in Southeast:

Petrel Island
Forrester Island
Lowrie Island
Wolf Rock
Hazy Islands
St. Lazaria Island

B. HABITAT TYPES

Shoreline habitats have been defined and ranked according to Environmental Sensitivity Index (ESI) standards produced by the National Oceanic and Atmospheric Administration (NOAA) in *Environmental Sensitivity Index Guidelines* (October 1997). Seasonal ESI maps in poster and atlas formats have been produced for the subarea, as shown on the following index map. These maps are available on the internet at: <http://www.asgdc.state.ak.us/maps/cplans/subareas.html>. Updated ESI information can be found on the internet at: <http://response.restoration.noaa.gov/order/esiindex.html>

1. Benthic Habitats

Benthic (near bottom) habitats have lower vulnerability to oil than the intertidal zone, but contamination by floating slicks (dissolved and particulate fractions) is likely at depths less than 100 feet if oil remains in the area for several days. Areas continually exposed to floating oil (e.g. harbors) show accumulation of hydrocarbon fractions (PAHs) in sediments and biota at 100 feet depth. Kelp beds are susceptible to floating oil because the fronds of bull kelp reach near or to the surface, depending on tide stage. Eelgrass beds are also subject to oil exposure because of their proximity to surface spilled oil at low tide (a few feet) and their extension into the intertidal zone. Benthic submerged aquatic vegetation in or near intertidal zone is at risk by oil slicks.

2. Shoreline Habitats

Habitats (estuarine, large lacustrine and riverine) ranked by ESI standards from least (#1) to most (#10) sensitive (see the following table) are described below:

ESI #1--Exposed impermeable vertical substrates: exposure to high wave energy or tidal currents on a regular basis, strong wave-reflection patterns common, substrate is impermeable with no potential for subsurface penetration, slope of intertidal zone is 30 degrees or greater, attached organisms are hardy and accustomed to high hydraulic impacts.

ESI #2--Exposed impermeable substrates, non-vertical: exposure to high wave energy or tidal currents on a regular basis, strong wave-reflection patterns regular, substrate is impermeable with no potential for subsurface penetration over most of intertidal zone, slope of intertidal zone is less than 30 degrees, there

can be accumulated but mobile sediments at the base of cliff, attached organisms are hardy and accustomed to high hydraulic impacts.

ESI #3--Semi-permeable substrate: substrate is semi-permeable with oil penetration less than 10 cm, sediments are sorted and compacted, slope is less than 5 degrees, sediment and potential for rapid burial mobility is low, surface sediments are subject to regular reworking by waves, there are relatively low densities of infauna.

ESI #4--Medium permeability substrate: permeable with oil penetration up to 25 cm, slope from 5 to 15 degrees, rate of sediment mobility is high with accumulation of up to 20 cm of sediments in a single tidal cycle, sediments are soft with low trafficability, low densities of infauna.

ESI #5--Medium to high permeability substrate: substrate of medium to high permeability which allows oil penetration up to 50 cm, spatial variations in distribution of grain sizes with finer ones at high tide line and coarser ones in the storm berm and at toe of beach, 20 percent is gravel, slope between 8 and 15 degrees, sediment mobility is high during storms, sediments are soft with low trafficability, low populations infauna and epifauna except at lowest intertidal levels.

ESI #6--High permeability substrates: substrate is highly permeable with oil penetration up to 100 cm, slope is 10 to 20 degrees, rapid burial and erosion of shallow oil can occur during storms, high annual variability in degree of exposure and frequency of wave mobilization, sediments have lowest trafficability of all beaches, natural replenishment rate is the lowest of all beaches, low populations of infauna and epifauna except at lowest intertidal levels.

ESI #7--Exposed flat permeable substrate: flat (less than 3 degrees) accumulations of sediment, highly permeable substrate dominated by sand, sediments are well saturated so oil penetration is limited, exposure to wave or tidal-current energy is evidenced in ripples or scour marks or sand ridges, width can vary from a few meters to one kilometer, sediments are soft with low trafficability, high infaunal densities.

ESI #8--Sheltered impermeable substrate: sheltered from wave energy and strong tidal currents, substrate of bedrock or rocky rubble, variable in oil permeability, slope greater than 15 degrees with a narrow intertidal zone, high coverage of attached algae and organisms.

ESI #9--Sheltered flat semi-permeable substrate: sheltered from wave energy and strong tidal currents, substrate is flat (less than 3 degrees) and dominated by mud, sediments are water-saturated so permeability is low, width varies from a few meters to one kilometer, sediments are soft with low trafficability, infaunal densities are high.

ESI #10--Vegetated wetlands: marshes and swamps with various types of emergent herbaceous grasses and woody vegetation over flat mud to sand substrate--highly organic mud is common.

ShoreZone Mapping. An on-going coastal habitat mapping effort is producing an on-line database, digital maps, and color aerial imagery and videos of the coastline in the subarea. This geo-referenced data set collected at low tide includes coastal geomorphology and biological habitat for some intertidal and shallow subtidal areas. ESI types are cross-referenced. The information may be accessed at:

<http://www.CoastAlaska.net>

Eelgrass beds. Eelgrass beds are habitat of special concern. Eelgrass beds provide important habitat for fish and are susceptible to disturbance. An index and map of selected eelgrass beds inventoried for scientific study by the National Marine Fisheries Service follows.

3. Upland Habitats

At this time, no uplands or wetlands classifications directly related to sensitivity to oil spills has been identified. A general wetlands classification has been developed by the U.S. Fish and Wildlife Service, National Wetlands Inventory, in Anchorage. Considerable mapping of wetlands has been completed, some of which are available in a Geographic Information System database (see the following figure). Updated map data is being placed on the National Wetlands Inventory Internet web site at: <http://wetlands.fws.gov/>

Regional Wetlands Coordinator
National Wetlands Inventory
Anchorage Alaska
786-3471

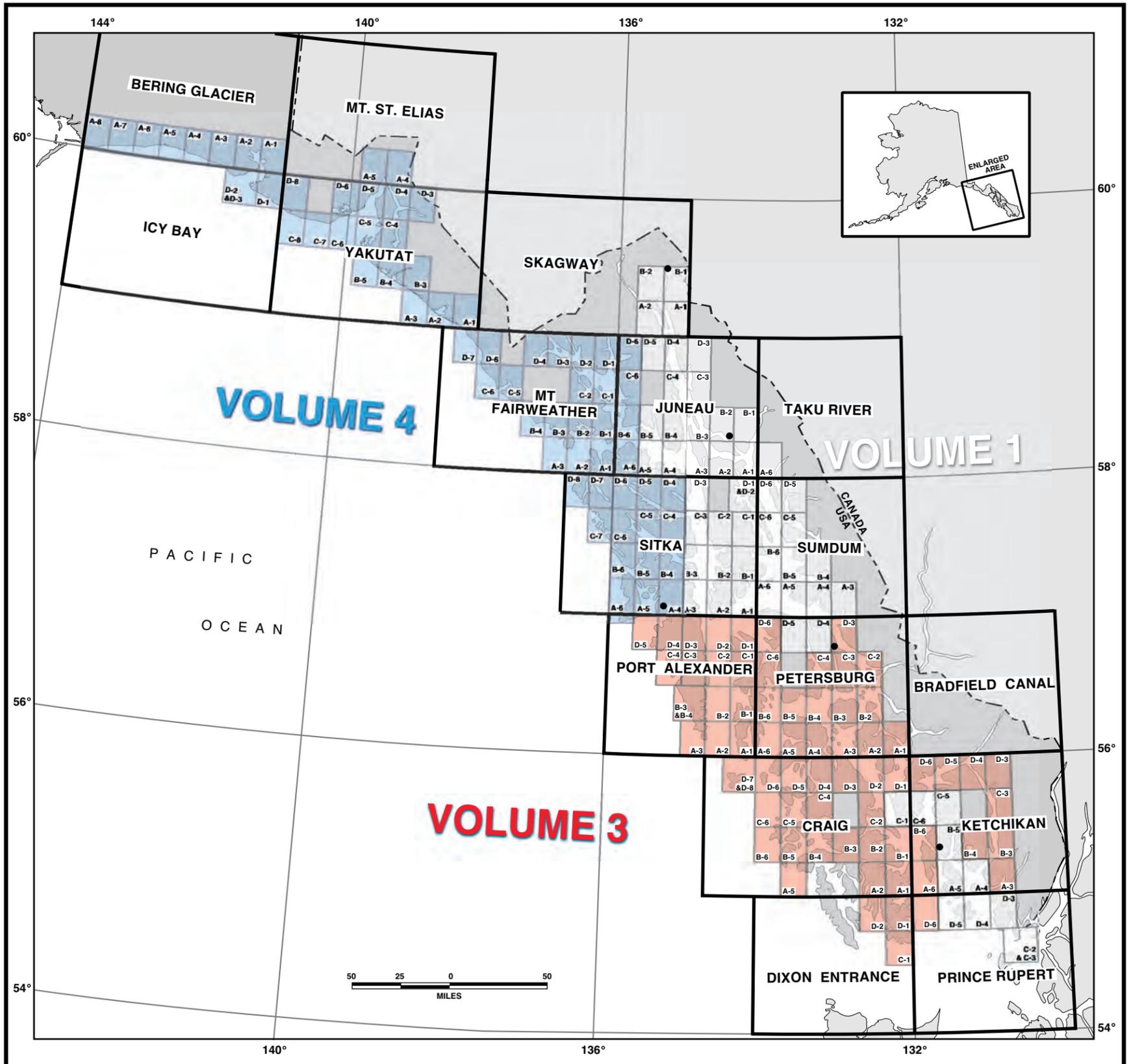
ESI Habitat Ranking			
ESI No.	Estuarine (Marine)	Lacustrine (Lake)	Riverine (Large Rivers)
1 A	Exposed rocky cliffs	Exposed rocky cliffs	Exposed rocky banks
1 B	Exposed sea walls	Exposed sea walls	Exposed sea walls
2	Exposed wave-cut platforms	Shelving bedrock shores	Rocky shoals; bedrock ledges
3	Fine- to medium-grained sand beaches	Eroding scarps in unconsolidated sediments	Exposed, eroding banks in unconsolidated sediments
4	Coarse-grained sand beaches	Sand beaches	Sandy bars and gently sloping banks
5	Mixed sand and gravel beaches	Mixed sand and gravel beaches	Mixed sand and gravel bars and gently sloping banks
6 A	Gravel beaches	Gravel beaches	Gravel bars and gently sloping banks
6 B	Riprap	Riprap	Riprap
7	Exposed tidal flats	Exposed flats	Not present
8 A	Sheltered rocky shores	Sheltered scarps in bedrock	Vegetated, steeply sloping bluffs
8 B	Sheltered sea walls	Sheltered sea walls	Sheltered sea walls
9	Sheltered tidal flats	Sheltered vegetated low banks	Vegetated low banks
10 A	Saltwater marshes		
10 B	Freshwater marshes	Freshwater marshes	Freshwater marshes
10 C	Freshwater swamps	Freshwater swamps	Freshwater swamps

"Environmental Sensitivity Index Guidelines" (October 1995) NOAA Technical Memorandum NOS ORCA 92

Sensitivity of Coastal Environments and Wildlife to Spilled Oil

SOUTHEAST ALASKA

SHORELINE HABITAT CLASSIFICATIONS



Supported By:

Volume 4

**National Oceanic and
Atmospheric
Administration**
Seattle, Washington

U.S. Forest Service
Juneau, Alaska

**National Park
Service**
Gustavus, Alaska

**Alaska Department of
Fish and Game**
Juneau, Alaska

U.S. Coast Guard
Juneau, Alaska

**Alaska Department of
Environmental
Conservation**
Juneau, Alaska

**U.S. Fish and
Wildlife Service**
Juneau, Alaska

**Southeast Alaska Petroleum
Resource Organization**
Ketchikan, Alaska

Prepared By:

Research Planning, Inc.
Columbia, South Carolina

NOVEMBER 2001

National Wetlands Inventory

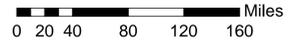
U.S. Fish and Wildlife Service, Region 7



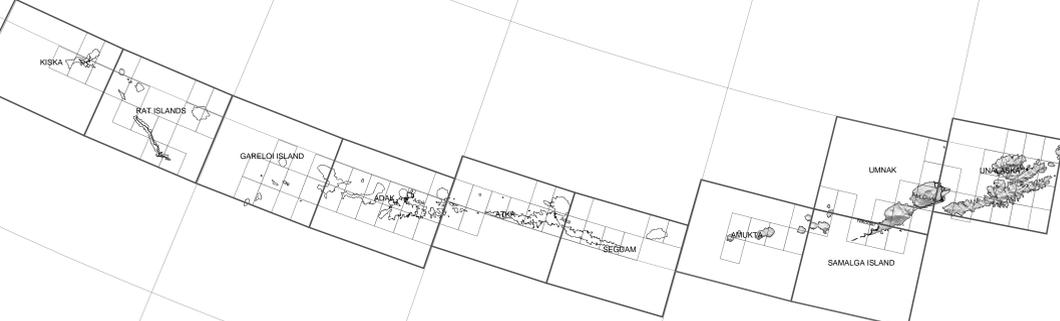
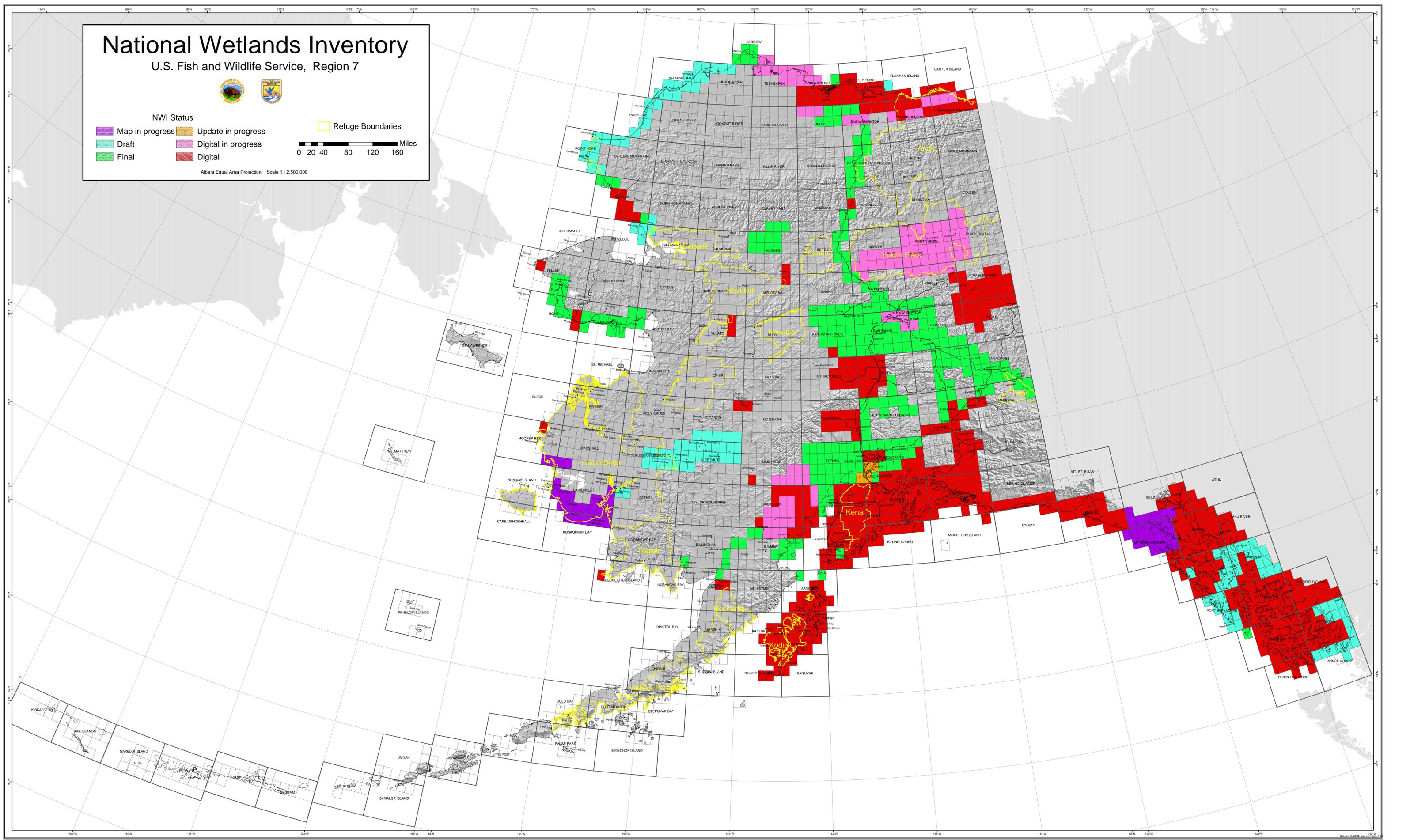
NWI Status

- Map in progress
- Draft
- Final
- Update in progress
- Digital in progress
- Digital

Refuge Boundaries

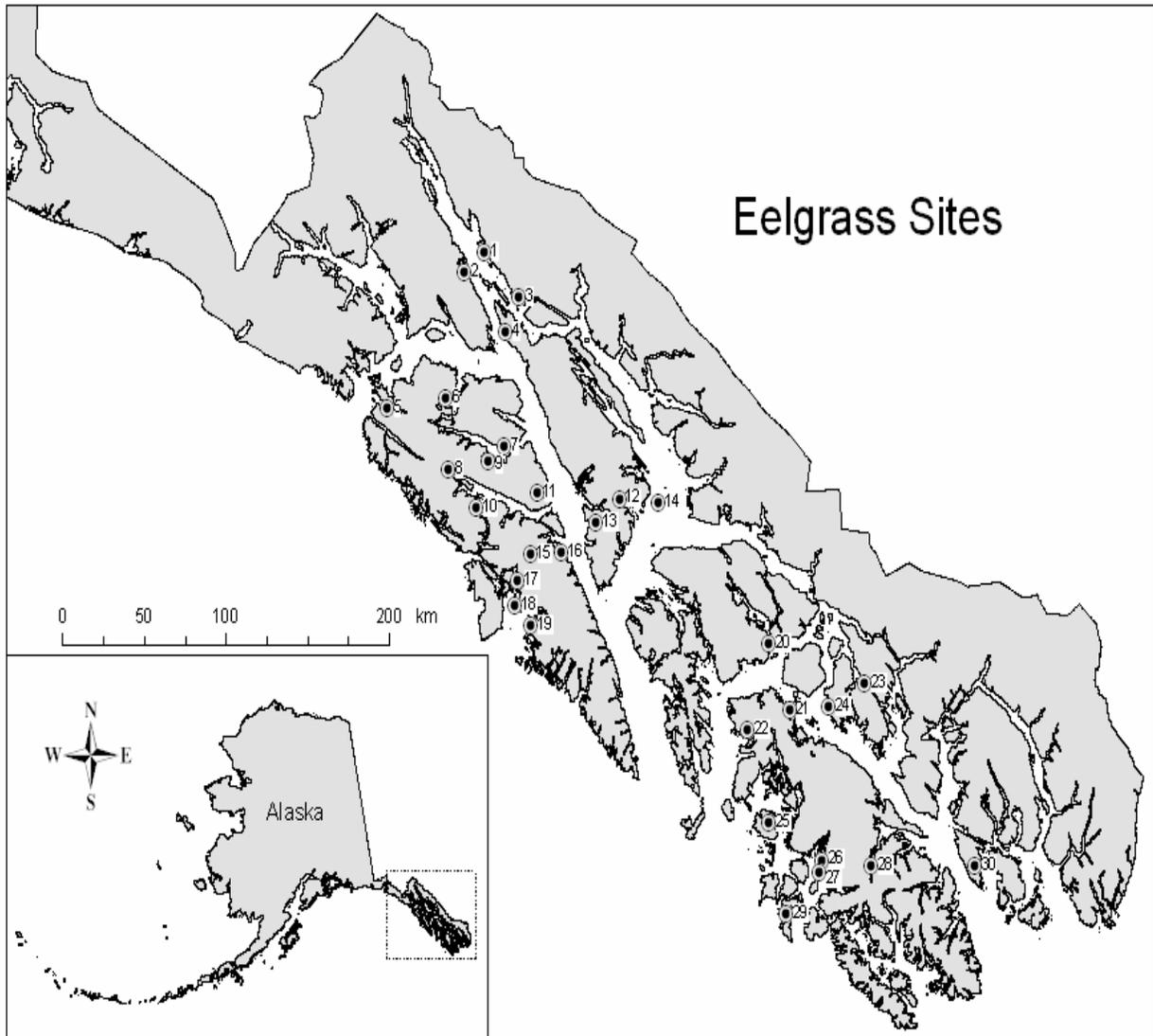


Albers Equal Area Projection Scale 1 : 2,500,000



Selected Eelgrass Sites				
Map ID	Location	Sublocation	Latitude	Longitude
1	Juneau/mainland	Bridget Cove	58.6252	134.9386
2	Juneau/mainland	St. James Bay	58.5731	135.1825
3	Juneau/mainland	Auke Bay	58.3811	134.6924
4	Admiralty Island	Funter Bay	58.2553	134.9097
5	Chichagof Island	Port Althorp	58.1111	136.2789
6	Chichagof Island	Neka Bay	58.0664	135.6706
7	Chichagof Island	Tenakee Springs	57.7756	135.1914
8	Chichagof Island	Hoonah Sound	57.7597	135.7931
9	Chichagof Island	Crab Bay	57.7364	135.3875
10	Chichagof Island	Ushk Bay	57.5618	135.6116
11	Chichagof Island	Sitkoh Bay	57.5325	134.9761
12	Admiralty Island	Pybus Bay	57.3764	134.1836
13	Admiralty Island	Chaik Bay	57.3133	134.4728
14	Brothers Island	East	57.2928	133.8150
15	Baranof Island	St. John Baptist Bay	57.2834	135.1828
16	Baranof Island	Cosmos Cove	57.2425	134.8717
17	Baranof Island	Nakwasina, Katlian Bay	57.19115	135.3666
18	Baranof Island	Middle Island	57.09	135.4489
19	Baranof Island	Pirate's Cove, Sandy Cove	56.98125	135.3418
20	Kupreanof Island	Kah Sheets Bay	56.5183	133.0969
21	Prince of Wales Island	Exchange Cove	56.2111	133.0683
22	Prince of Wales Island	Calder Bay	56.195	133.5167
23	Etolin Island	Olive Cove/Anita Bay	56.1917	132.3033
24	Etolin Island	Steamer Bay	56.1531	132.6911
25	Heceta Island	Warm Chuck Inlet	55.7708	133.5361
26	Prince of Wales Island	Craig Area	55.52426	133.1335
27	Prince of Wales Island	Ballena Island	55.4819	133.1881
28	Prince of Wales Island	Twelve Mile Arm	55.4156	132.6881
29	Baker Island	San Antonio Bay	55.3575	133.5869
30	Ketchikan	Bostwick Inlet	55.2364	131.7500

Selected Eelgrass Sites in Southeast Alaska



C. BIOLOGICAL RESOURCES

1. Fish and Wildlife

(a) Threatened and Endangered Species

Federally listed threatened and endangered species are protected under the Endangered Species Act. Spill response activities which could impact a listed species should be coordinated with the U.S. Fish and Wildlife Service and the National Marine Fisheries Service.

The northern sea otter, American peregrine falcon, Aleutian Canada goose, short-tailed albatross, and Steller's eider are under the jurisdiction of the U.S. Fish and Wildlife Service. Under the Endangered Species Act, all salmon species, Steller sea lions, and endangered whale species are under the jurisdiction of the National Marine Fisheries Service.

Although the U.S. Fish and Wildlife Service determined the peregrine falcon is no longer a threatened species, monitoring of the species has continued since its 1994 delisting. The Alaskan Bald and Golden eagles, although not on the endangered species list, are fully protected (including their nests and nest trees) under the Bald Eagle Protection Act of 1940 and the Migratory Bird Treaty Act of 1918, as amended. Spill response activities that could affect these species must be coordinated with the U.S. Fish and Wildlife Service.

While the National Marine Fisheries Service has determined the Gray whale is no longer a threatened or endangered species, monitoring of the species by the Service has continued since the 1994 delisting. All marine mammals, whether or not they are on the endangered species list, are protected by the Marine Mammal Protection Act of 1972. Any spill response activities which could affect marine mammals must be coordinated with the U.S. Fish and Wildlife Service and the National Marine Fisheries Service.

For updated information on the internet:

U.S. Fish and Wildlife Service National Endangered Species web site (USFWS 2003a):

<http://endangered.fws.gov/>

Alaska Department of Fish and Game Endangered Species web site (ADF&G 2003a):

<http://www.wildlife.alaska.gov/index.cfm?adfg=endangered.main>

For Steller sea lion critical habitat and no-entry zones, please visit the NMFS website (NMFS 2003a):

<http://www.fakr.noaa.gov/protectedresources/stellers/habitat.htm>.

Threatened and endangered species potentially present in the subarea are shown in the following table.

Species Managed by the U.S. Fish and Wildlife Service			
Common Name	Scientific Name	Occurrence	Status*
Short-tailed albatross	<i>Diomedea albatrus</i>	Probable Resident	E

* E = endangered, T = threatened

Species Managed by the National Marine Fisheries Service			
Common Name	Scientific Name	Occurrence	Status*
Sperm whale	<i>Physeter catodon</i>	Occasional Migrant	E
Fin whale	<i>Balaenoptera physalus</i>	Occasional Migrant	E
Blue whale	<i>Balaenoptera musculus</i>	Occasional Migrant	E
Sei whale	<i>Balaenoptera borealis</i>	Occasional Migrant	E
Humpback whale	<i>Megaptera novaeangliae</i>	Seasonal	E
Northern right whale	<i>Eubalaena japonica</i>	Occasional Migrant	E
Steller sea lion	<i>Eumetopias jubatus</i>	Resident	T
Snake River Sockeye Salmon	<i>Onchorynchus nerka</i>	Occasional migrant	E
Snake River Fall Chinook Salmon	<i>Onchorynchus tshawytscha</i>	Occasional migrant	T
Snake River Spring/Summer Chinook Salmon	<i>Onchorynchus tshawytscha</i>	Occasional migrant	T
Puget Sound Chinook Salmon	<i>Onchorynchus tshawytscha</i>	Occasional migrant	T
Lower Columbia River Chinook	<i>Onchorynchus tshawytscha</i>	Occasional migrant	T
Upper Willamette River Chinook Salmon	<i>Onchorynchus tshawytscha</i>	Occasional migrant	T
Upper Columbia River Spring Chinook Salmon	<i>Onchorynchus tshawytscha</i>	Occasional migrant	E
Upper Columbia River Steelhead	<i>Onchorynchus mykiss</i>	Occasional migrant	E
Snake River Basin Steelhead	<i>Onchorynchus mykiss</i>	Occasional migrant	T
Lower Columbia River Steelhead	<i>Onchorynchus mykiss</i>	Occasional migrant	T
Upper Willamette River Steelhead	<i>Onchorynchus mykiss</i>	Occasional migrant	T
Middle Columbia River Steelhead	<i>Onchorynchus mykiss</i>	Occasional migrant	T

* E = endangered, T = threatened

Steller Sea Lion Rookery & Haulout Locations		
Site	Latitude	Longitude
Akwe River	59.282 N	139.041 W
Benjamin ²	58°33.7' N	134°54.8' W
Berners Bay	58.757 n	135.017 W
Biali Rock ^{1, 2, 4}	56°42.7' N	135°20.5' W
Biorca (Kaiuchali) ^{2, 3}	56°50.0' N	135°34.0' W
Cape Addington ²	55°26.3' N	133°49.3' W
Cape Bartolome	55°13.8' N	133°37.0' W
Cape Bingham	58°05.6' N	136°32.5' W
Cape Cross ²	57°54.7' N	136°34.1' W
Cape Fairweather	58°47.5' N	137°56.3' W
Cape Ommaney ²	56°10.5' N	134°42.3' W
Circle Point	58°07.5' N	134°04.8' W
Coronation ²	55°55.7' N	134°17.0' W
Dorothy	58°14.2' N	134°03.4' W
Dry Bay	59.130 N	138.264 W
Easterly	55°53.7' N	132°05.3' W
Eldred Rock	58°58.3' N	135°13.3' W
Emmons	57°36.4' N	135°31.4' W
Etolin	56°20.2' N	132°31.9' W
False Point	57°22.0' N	133°51.6' W
Forrester Complex ¹	54°50.3' N	133°31.6' W
Forrester/Forrester Island	54°50.3' N	133°31.6' W
Forrester/Sea Lion Rk.	54°50.6' N	133°32.1' W
Forrester/C Horn Rk.	54°50.8' N	133°33.0' W
Forrester/Lowrie	54°51.7' N	133°32.2' W
Forreste/North Rk	54°52.4' N	133°33.7' W
Funter bay	58.217 N	134.918 W
Gran Point ²	50°08'2" N	135°14'6" W
Graves Rock ^{1, 2, 4}	58°14.3' N	136°45.4' W
Grindall	55°26.4' N	132°06.5' W
Grindle Island	55°26'5" N	132°07'5" W
Harbor Point	58°36.3' N	137°38.2' W
Hazy ¹	55°52.0' N	134°34.0' W
Horn Cliff	56°50.7' N	132°47.2' W
Inian	58°16.3' N	136°24.0' W
Jacob Rock	56°47.3' N	135°29.8' W
Larch Bay	56°12.6' N	134°44.2' W
Ledge Point ²	58°48'5" N	130°45'5" W
Ledge (Gran) Point	59°08.0' N	135°14.4' W
Little Island	58.541 N	135.042 W
Lull Point ²	57°18'0" N	135°48'5" W
Met Pt. (Lynn Canal)	58°56.0' N	135°10.0' W
Mist	57°59.3' N	133°50.7' W
Patterson Point	56°32.4' N	134°38.2' W
Pinta Rocks	57°05.2' N	134°00.7' W
Point Carolus	58°22.0' N	136°02.0' W
Point Lull	57°18.6' N	134°48.4' W
Point Marsden	58°03.0' N	134°48.5' W

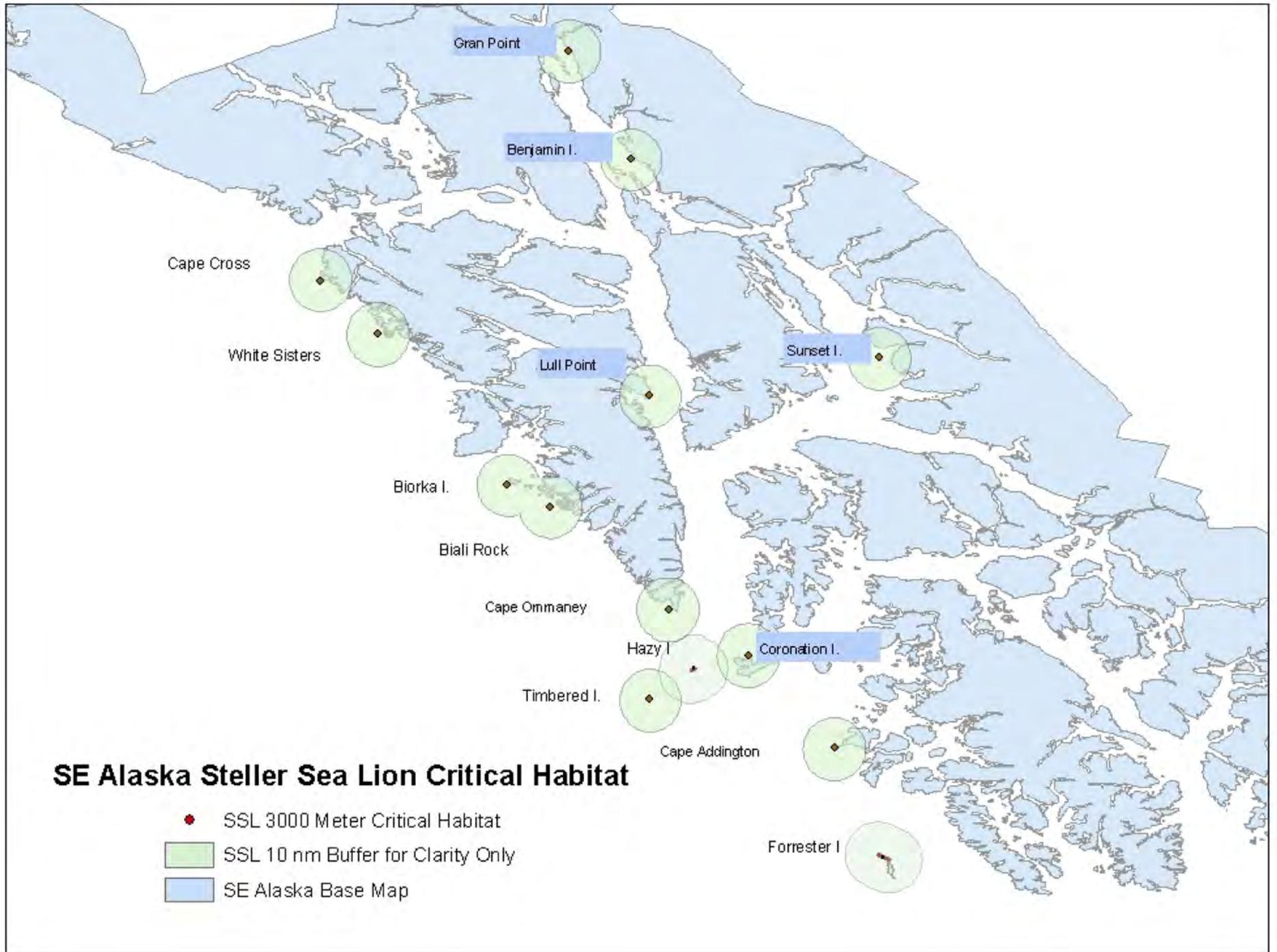
Steller Sea Lion Rookery & Haulout Locations		
Site	Latitude	Longitude
Point Marsh	54°42.6' N	132°17.1' W
Point Rock (Point Islet)	55°09.2' N	132°38.3' W
Rocky island	58.176 N	135.034 W
Round Rock	57°15.6' N	133°56.1' W
Sail	57°21.1' N	133°43.3' W
Sakie Point	55°03.3' N	133°14.2' W
Sea Lion Island	57°17.0' N	135°53.0' W
Sea Lion Rock (Puffin Bay)	56°15.1' N	134°49.9' W
St. Lazaria Island	56°59.2' N	135°42.3' W
Sitkagi Bluffs	58.708 N	140.650 W
South Marble	58°38.7' N	136°02.8' W
Stephens Passage (Point League)	57°36.4' N	133°38.5' W
Sunset ²	57°30.0' N	133°35.2' W
Sukoi Islets	56°55.0' N	132°59.0' W
Tenakee Cannery Pt.	57°46.5' N	135°04.3' W
The Brothers	57°16.3' N	133°52.4' W
The Sisters	58°10.3' N	135°15.4' W
Timbered ²	55°41.8' N	133°47.7' W
Tlingit (Case) Point	58°45.2' N	136°14.9' W
Turnabout	57°07.8' N	133°58.3' W
Turnaround Island	57°08'0" N	133°59'0" W
Venisa	58°18.7' N	136°51.0' W
West Rock	54°48.8' N	131°29.7' W
White Sisters ¹	57°38.1' N	136°15.4' W
Wolf Rock	55°01.2' N	133°29.2' W
Yasha	56°57.8' N	134°33.5' W

1 Rookery Sites

2 Haulout with more than 200 animals counted

3 Haulout currently located at Kaiuchali Island, Dennis McAllister, Alaska Department of Fish and Game, personal communication, March 1993

4 Added as rookeries in 2002



(b) Finfish, Shellfish, and Essential Fish Habitat

The subarea is rich in biological resources. Dense concentrations of marine organisms are present, including five species of salmon, halibut, herring, crab, shrimp, and clams. Abundant marine vegetation, such as kelp, seagrass, and salt marsh plants are critical components of the coastal ecosystem. In addition to supporting sizeable commercial fisheries, those resources are used for subsistence and by sport hunters and fishermen. More information can be obtained on the Alaska Department of Fish and Game internet site at: <http://www.adfg.state.ak.us/> (ADF&G 2003b).

FINFISH

Fish species most vulnerable to an oil spill are those with life stages that use intertidal habitat and more than 100 species of fish were identified in recent nearshore habitat surveys. Those species include: anadromous fish, such as salmon, trout, Dolly Varden, and eulachon; groundfish such as walleye pollock, Pacific cod, rock sole, yellowfin sole, starry flounder, English sole, butter sole, and copper, dusky, brown, black, and quillback rockfish, and; forage fish such as Pacific herring, Pacific sandlance, capelin, eulachon, shiner perch, Pacific sandfish, and surf smelt.

Anadromous fish migrate to and from marine areas from spring through fall, using coastal lagoons, estuaries and river deltas as habitat while making physiological adjustments to travel between marine and fresh water. River deltas are also important rearing and wintering areas for pink and chum salmon that spawn intertidally. Estuaries and lagoons provide important summer habitat for juvenile anadromous fish, but are generally not used in winter.

Salmon produced in Southeast Alaska support important commercial fisheries ranging from stock specific nearshore fisheries to mixed stock fisheries offshore. Adult salmon are in freshwater from mid-March through early October, depending on the species of salmon and the stream system. Salmon eggs incubate in stream gravels over the winter. Juvenile salmon emerge from the gravel in spring and may rear in fresh water for up to four years before migrating to sea. Attachment two of this document provides average salmon escapement or average peak index counts for salmon streams in the Southeast Alaska area.

Pink and chum salmon fry have only a brief period of freshwater residence and enter salt water soon after emergence from the spawning beds. The fry reside in nearshore areas for several weeks before migrating offshore. Pink salmon spend one year at sea and chum salmon spend three or four years at sea before returning to spawn. They feed primarily on zooplankton.

Sockeye salmon are most often present in stream systems with lakes that they can access from salt water. Juveniles usually spend one to three years rearing in lakes before migrating to sea in the spring as smolts. Sockeye salmon spend one to four years at sea before returning to their natal stream to spawn. Sockeye salmon feed primarily on zooplankton throughout their life history.

The chinook salmon is Alaska's state fish and is the largest of all Pacific salmon, with weights of individual fish commonly exceeding 30 pounds. Adult chinook salmon enter fresh water from July to September and juveniles spend one year in fresh water before going to sea. Only a few spawning populations of Chinook salmon occur in southeast Alaska, but many rear for two to five years in inshore marine waters of the subarea. In fresh water they feed on plankton and insects while at sea they eat relatively large prey such as fish and squid. Unlike other salmon species, they are available to commercial and sport fishers all year which also makes them vulnerable to inshore marine pollutants year round.

Coho salmon occur in nearly all accessible bodies of fresh water from large transboundary watersheds to small tributaries throughout Southeast Alaska. Coho salmon enter spawning streams from July to November, usually during periods of high runoff. Juvenile coho salmon rear from one to four years in freshwater and may spend summers in estuaries. Coho salmon go to sea between March and June and

spend eighteen months at sea before returning to natal streams to spawn. Coho feed primarily on insects in freshwater and on fish in marine areas.

Rainbow trout, cutthroat trout, and Dolly Varden have both resident and anadromous life history forms in southeast Alaska. Resident fish complete their entire life cycle in fresh water and anadromous fish return to freshwater spawning and wintering areas from April through December.

Resident rainbow trout generally spawn during May and June. The anadromous form (steelhead) spawn from mid April to June and adults that survive spawning return to the ocean in mid-May to June. Fry emerge several weeks to months later. Steelhead rear two to five years in freshwater before emigrating to offshore rearing areas where they spend one to four years before returning to spawn. Drainages supporting the most significant populations in Southeast Alaska include the Situk, Naha, Karta, Thorne, and Ahrnklin River. In addition to sport fisheries for steelhead, there are also directed Federal subsistence fisheries in all streams in Southeast according to conditions specified on a Federal subsistence fishing permit.

Cutthroat trout are the most common trout in the subarea and occur as both resident and anadromous (sea-run) forms in streams and lakes throughout Southeast Alaska. They spawn from March to early June. Sea-run cutthroat trout usually winter in lakes, and adults and smolts migrate to nearshore marine feeding areas and natal stream spawning areas in early spring.

Dolly Varden spawn from September to October; fry emerge in April and May. All but the smallest streams provide habitat for resident and rearing Dolly Varden, which feed primarily on insects. After several years in fresh water Dolly Varden may become anadromous. Anadromous fish reside in nearshore marine areas during the summer feeding on small fish and invertebrates, but spend winters in fresh water after spawning.

Forage Fish – Fish considered forage species are typically small schooling fish found in open water. Forage fish are critically important in the subarea food web as many seabirds, fish, and marine mammals rely on them as prey. These fish feed primarily on plankton and provide the trophic link between primary production (plankton) and the apex predator species (e.g., salmon and groundfish) that commercial fisheries rely on. Some of these species also support important commercial fisheries.

Eulachon are among the most common forage fish in the Gulf of Alaska and are also anadromous, migrating to streams throughout the subarea to spawn in April or May. Spawning eulachon provide a spring feast for bears, eagles, killer whales, seals, sea lions, gulls, and humans. Drainages with eulachon migrations include the Unuk (Eulachon), Stikine, Taku, Mendenhall, Chilkat, Antler, and Lace rivers in Southeast; and the Situk near Yakutat. Please see MESA maps 58-63 & 65 for eulachon concentration areas (ADF&G 2001).

Pacific herring occur widely across the subarea in water depths from 50 to 100 meters. In Alaska, spawning is first observed in the southeastern archipelago during mid-March. Spawning is confined to shallow, vegetated areas in the intertidal and subtidal zones. Juvenile herring hatch in about two weeks and may rear in nearshore areas for several months before moving offshore.

Capelin are not as numerous in southeast Alaska as in other areas of the State, but are important forage for higher trophic predators such as seabirds and marine mammals because of their high oil content. They spawn on sandy to small gravel beaches, but the timing and location of spawning varies considerably from year to year.

Pacific sandlance are another abundant forage species in southeast Alaska. Sand lance generally spawn from April through June along sandy shorelines.

Other Forage Fish -- Other species in nearshore areas that contribute to the forage base include Pacific sandfish and smelt. Adult Pacific sandfish generally occur at depths of 100 to 200 meters over sand or mud bottoms but enter nearshore areas to spawn among algae and may school in bays throughout the subarea. Smelt, including surf smelt and longfin smelt are common but not abundant throughout the subarea and enter nearshore areas to spawn along sandy shorelines at widely varying times and locations.

Groundfish are defined for the purpose of management by the State of Alaska as any marine finfish except halibut, osmerids, herring, and salmonids. Several species in this group support important commercial sport and subsistence fisheries in the subarea and juveniles rearing in southeast Alaska also contribute to offshore fisheries. Juvenile pollock, greenling, and sculpin make up a significant portion of the diet of species such as salmon and marine mammals.

Pacific halibut are not considered groundfish because they are managed exclusively by the International Pacific Halibut Commission (IPHC). For the purpose of this discussion, however, we include Pacific halibut with groundfish.

Groundfish species common in Southeast Alaska include: Pacific halibut, arrowtooth flounder, flathead sole, yellowfin sole, starry flounder, rock sole, Pacific cod, Pacific tomcod, walleye pollock, copper rockfish, dusky rockfish, quillback rockfish, yelloweye rockfish, sablefish, kelp greenling, rock greenling, whitespotted greenling, lingcod, and sculpin.

Flatfish such as flounder, sole, and halibut live on low gradient bottoms throughout the subarea. Large species such as Pacific halibut and arrowtooth flounder generally inhabit deeper more open water areas while smaller flatfish species are more likely to inhabit shallow bays.

Pacific halibut are found throughout southeastern Alaska and support important commercial, sport, and subsistence fisheries. They spawn in deep water from 180 to 460 meters from November to January. Older halibut spend winters in deep water along the continental shelf. In summer, adult halibut move to shallow coastal waters (depths of 30 to 300 meters) to forage on fish and invertebrates.

Yellowfin sole and starry flounder spawn and rear in shallow subtidal areas of bays and estuaries. Yellowfin sole juveniles stay in the nearshore area for 3 to 5 years. Starry flounder are resident in shallow flats, estuaries, and lagoons throughout their life. These fish feed intertidally on clam siphons, small fish, and invertebrates.

Rock sole and flathead sole inhabit deeper areas of bays, but often move into nearshore areas to forage.

Pacific cod and walleye pollock are common in the subarea, primarily inhabiting straits, channels, and deep bays in the region. Adults are pelagic and are most abundant in water depths from 100 to 300 meters, but commonly occupy a much larger depth range. Juveniles are also pelagic and generally occupy the upper 60 meters of the water column. They feed primarily on pelagic invertebrates (e.g., euphasids) and small fish. These fish spawn in late winter or early spring and due to their abundance, they are extremely important to the ocean's food web.

Rockfish in the subarea are most abundant along the Pacific coast, but also inhabit nearshore reefs and high current areas in inside waters. Rockfish are long-lived, ovoviparous fish, which become sexually mature between 10 and 15 years of age. *Copper rockfish* commonly inhabit shallow bays and often feed and rear in eelgrass. *Quillback* and *dusky rockfish* inhabit nearshore areas characterized by kelp beds, but may also be found with *yelloweye rockfish* on deeper reefs. These fish feed on small fish and invertebrates.

Adult sablefish are demersal species that generally inhabit depths greater than 1500 meters. Adult sablefish inhabit some of the deeper straits in the subarea. Sablefish spawn at depth in late winter and the pelagic larvae and juveniles migrate inshore over the next few months. Juvenile sablefish rear for two to

five years in nearshore waters, including the bays and channels in southeast Alaska. Adults feed opportunistically on live prey or as scavengers, while juveniles feed on pelagic invertebrates and small fish.

Greenling are generally abundant in the subarea and the common species are generally separated by habitat. As you might expect, *Kelp greenling* are abundant in kelp and algae beds and *rock greenling* are most common adjacent to nearshore reefs. *Whitespotted greenling* are most common in bays and estuaries. Juvenile greenling are pelagic and are important as forage in some areas.

Lingcod typically inhabit nearshore rocky reefs and high current areas from 10 to 100 meters in depth. They migrate inshore to spawn in the fall and return to areas farther offshore in winter. Along the Pacific coast juvenile lingcod are common in shallow bays, but they rarely use such areas in inside waters. Lingcod are increasingly popular as sport fish and from 1990-1999 an average of 2,259 fish were harvested in Southeastern Alaska sport fishery.

Literally dozens of sculpin species are abundant in southeast Alaska. Most are benthic, inhabiting bottoms ranging from vertical rock faces to mud bottom bays. Some, such as the crested sculpin, are pelagic. Nearly all feed on invertebrates and small fish. Their abundance makes them important as forage for some commercially harvested species.

Sharks and skates – Species in the subarea include the *spiny dogfish*, *Pacific sleeper*, *Alaska skate*, *big skate*, and *longnose skate*. Spiny dogfish are common throughout the subarea and are locally abundant in water less than 150 meters deep over soft bottoms near current junctions. Spiny dogfish are opportunistic feeders and will scavenge or eat many kinds of live prey. The Pacific sleeper shark may grow to 10 meters in length and is one of the largest sharks in the world. Generally considered a scavenger, the sleeper is often one of the first animals to show up at sunken whale carcasses. Skates are common in bays and shallow flats where there is not too much current. Skates feed primarily on clams and other infauna.

SHELLFISH

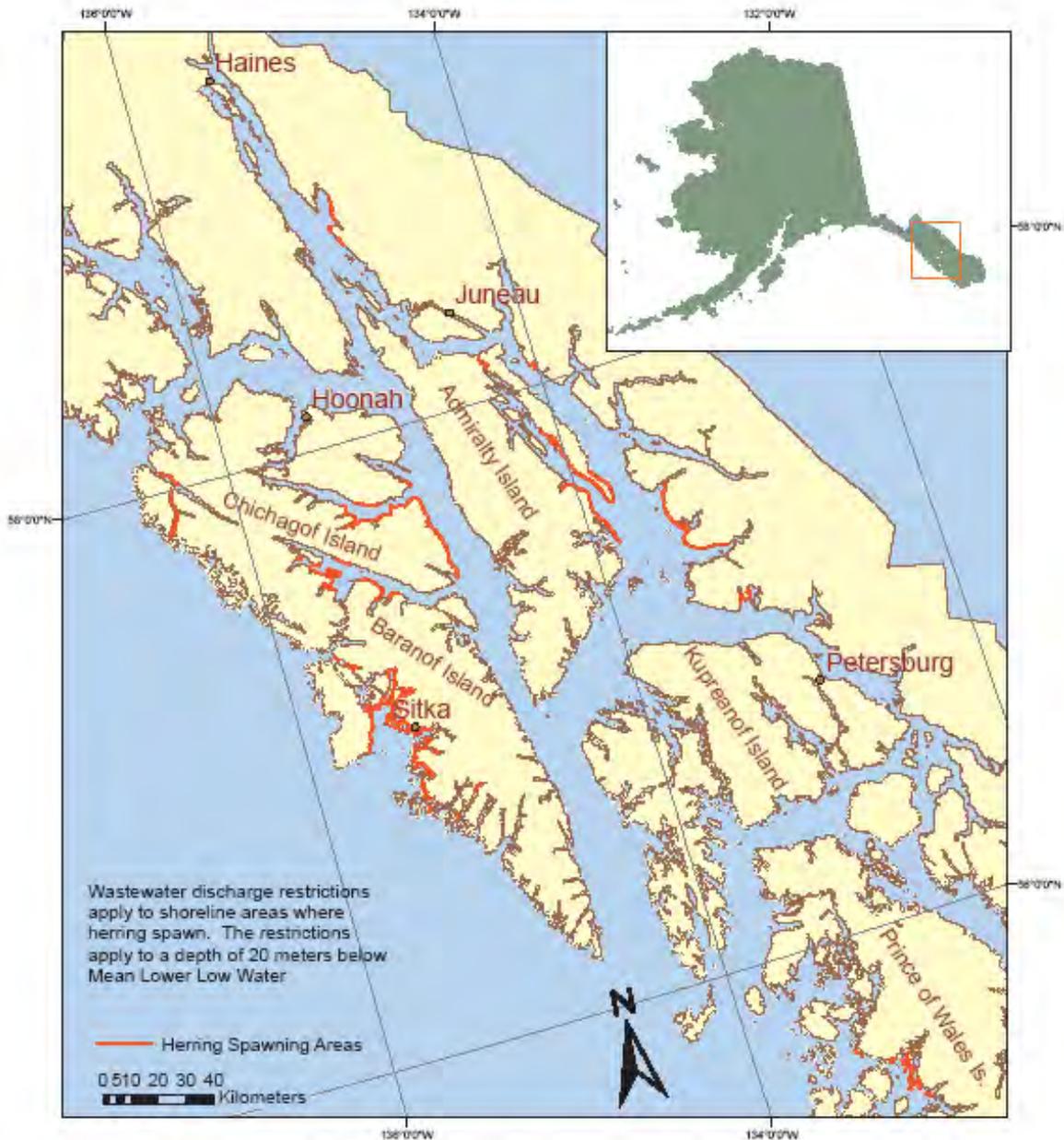
Larvae and adult crustaceans (including shrimp and crabs) are predominate zooplankton and are important to the diet of species ranging from forage fish to baleen whales.

Dungeness Crabs are found from the intertidal region to a depth of 230 meters in Southeast Alaska. Dungeness crabs are most common on sand or muddy-sand bottoms in the subtidal region, and are often found in or near eelgrass beds. However, they can also be found on a number of other substrata including various mixtures of silt, sand, pebble, cobble, and shell. Juvenile Dungeness crabs are found in similar habitats to adults, but they generally occupy shallower depths than adults. Juvenile crabs can be very abundant in the intertidal zone, but also occur in shallow subtidal areas. Survival of young crabs is greatest in habitats such as intertidal zones and eelgrass beds, where they can gain refuge from predators. It is widely distributed and can be found as far north as Cook Inlet and Prince William Sound and south to Magdalena Bay, Mexico. This crab supports both a commercial fishery and a personal use fishery in Alaska. Commercial Dungeness crab harvests from Southeast Alaska have averaged 2.2 million pounds per season (ADF&G 2002b).

Three species of King Crab are located in Southeast Alaska: red, blue, and brown. Red king crab larvae generally exhibit a diel movement being most abundant in the upper water column during the day and deeper at night. Young of the year crab occur at a depth of 50 meters or less. They are solitary and need high relief habitat or coarse substrate such as boulders, cobble, shell hash, and living substrates such as bryozoans and stalked ascidians. Between the ages of two and four years, there is a change in habitat needs and a tendency for the crab to form pods consisting of thousands of crabs. Podding generally continues until four years of age (about 6.5 centimeters), when the crabs move to deeper water and join adults in the spring migration to shallow water for spawning. Adult red king crabs occur to a depth of

Herring Spawning Areas Northern Southeast Alaska

Alaska Department of Environmental Conservation, November 2005

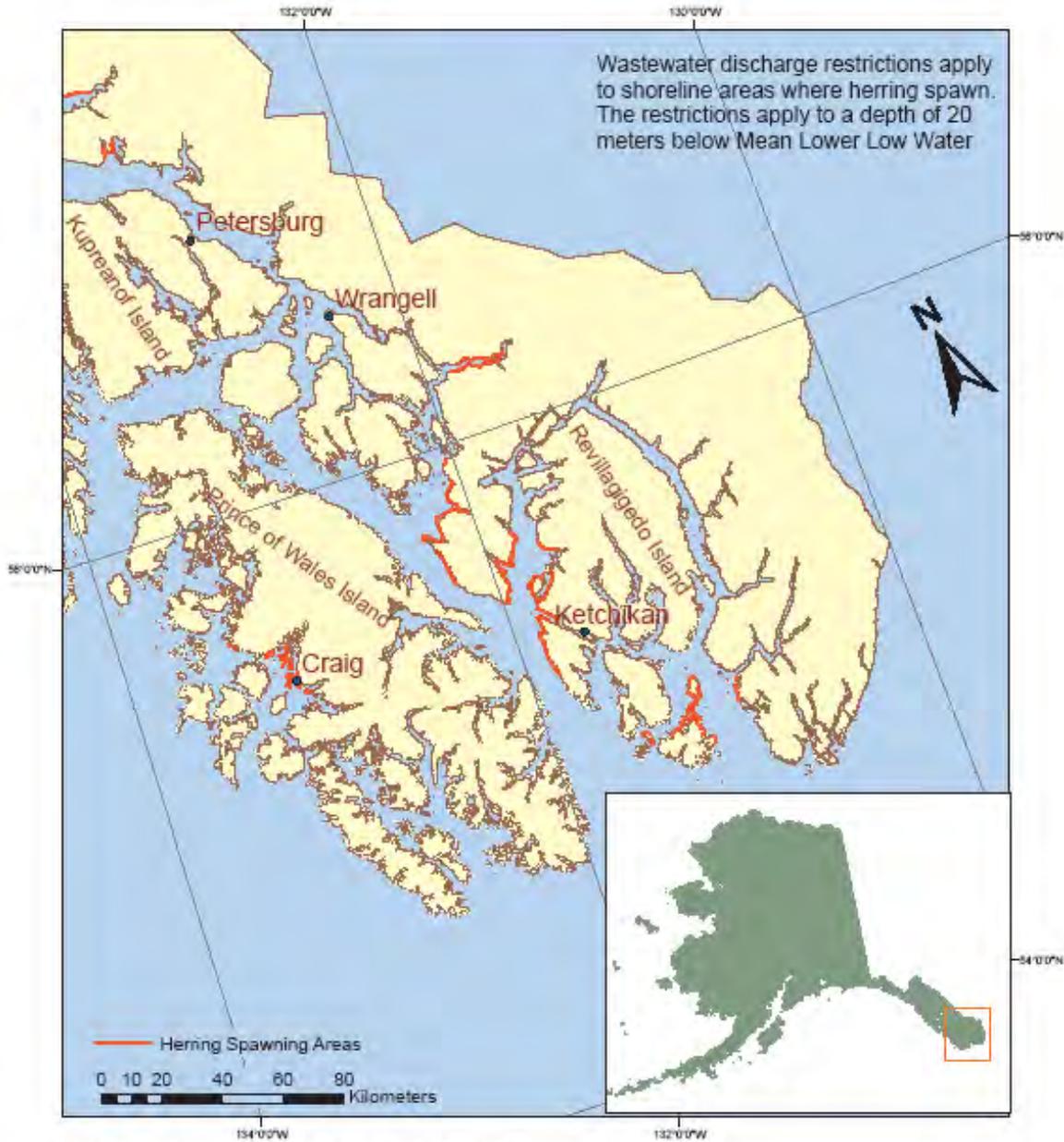


Not for Navigational purposes, map for identification of the herring spawning areas only

Data source: Alaska Department of Fish and Game, Commercial Fisheries Division

Herring Spawning Areas Southern Southeast Alaska

Alaska Department of Environmental Conservation, November 2005



Not for Navigational purposes, map for identification of the herring spawning areas only
Data source: Alaska Department of Fish and Game, Commercial Fisheries Division

365 meters; preferred habitat for reproduction is water less than 90 meters. Red and blue kings can occur from the intertidal zone to 180 meters or more. Golden king crabs live mostly between 180–730 meters, but can occur from 90–900 meters (ADF&G 2003c).

A near peak harvest of red king crabs occurred in the 1980/81 season, but three years later the fishery crashed, as harvests were down sixty-fold, and the four top historical producing areas were closed completely to red king crab fishing for the first time. Red king crab populations have remained depressed statewide (except in Southeast Alaska) since 1983.

Tanner Crab larvae are strong swimmers and perform diel vertical migrations in the water column (down at night). They usually stay near the depth of the chlorophyll maximum during the day. The length of time larvae take to develop is unknown, although it has been estimated at only 12 to 14 days. After settling to the bottom, Tanner crabs are widely distributed at depths up to 473 meters. Females are known to form high density mating aggregations consisting of hundreds of crabs per mound at depths less than 30 meters. The mounds likely form in the same general location each year, but the location of the mounds is largely undocumented. They form the basis of a thriving domestic fishery from Southeastern Alaska north through the Bering Sea. The peak hatching period for tanner crabs is usually between April and June (ADF&G 2003c).

Pacific Weathervane scallops are found on sand, gravel, and rock bottoms from 45-180 meters throughout Southeast Alaska. Sexually maturity occurs at age 3 or 4 and scallops are of commercially harvestable size at 6 to 8 years (ADF&G 2003c). Scallops are found in beds (areas of abundant numbers). Scallops are dioecious and they spawn in June and July where the spermatozoa and ova are released into the water. Around one month later, hatching occurs and the larvae drift with the tides and currents. After two or three weeks the larvae will have gained shell weight, settled to the bottom, and attached to seaweed (ADF&G 2003c). Scallops may live to age 18 and they feed by filtering microscopic plankton from the water. They have been commercially harvested throughout Alaska on a sporadic basis due to overharvesting of scallop beds, more lucrative fisheries, and market conditions.

Bay scallops occur shallower than weathervane scallops (15-60 meters). They are more easily collected by divers and are frequently harvested in this manner. They are more vulnerable to oil exposure than weathervane scallops as adults.

Shrimp. Pandalid shrimp (northern pink shrimp, humpy/flexed shrimp, coonstripe shrimp, spot shrimp and sidestripe/giant red shrimp) are distributed throughout most major bays and certain nearshore and offshore areas in Southeast Alaska. Coonstripes and spot shrimp are generally associated with rock piles, coral, and debris-covered bottoms, whereas pinks, sidestripes, and humpies typically occur over muddy bottom. Pink shrimp occur over the widest depth range (18-1500 meters). Humpies and coonstripes usually inhabit shallower waters (5-370 meters) (ADF&G 2003c). Spot shrimp seem to be caught in the greatest concentrations around 110 meters, but range from 3 to 460 meters (ADF&G 2003c). Sidestripes are typically found from 45 to 640 meters, but most concentrations occur in waters deeper than 73 meters. Most shrimp migrate seasonally from deep to shallow waters. The major pot shrimp fisheries occur in Cook Inlet, Prince William Sound, and Southeast Alaska and usually total less than 500,000 pounds annually (ADF&G 2003c). Spot shrimp are the primary species caught in the waters of Southeast Alaska.

Clams Razor clams are filter feeders subsisting on plankton. They live in surf-swept and somewhat protected sand beaches of the open ocean throughout Southeast Alaska (ADF&G 2003c). They are found from approximately 1 meter above the mean low water level down to depths of 55 meters. Pacific little neck clams are commercially harvested throughout Southeast Alaska.

Blue mussels are found throughout the Southeastern Alaska and are found through the intertidal zone up to a depth of five meters densely packed around rock, wood, or other solid structure.

ESSENTIAL FISH HABITAT

Essential fish habitat in the subarea, as identified by the National Marine Fisheries Service, can be found on their interactive mapping internet site:

<http://www.fakr.noaa.gov/maps/> or
<http://www.fakr.noaa.gov/habitat/efh.htm> (NMFS 2003b).

(c) Birds

IMPORTANT BIRD HABITATS/COMMUNITIES

Large numbers of waterfowl, seabirds and shorebirds are present during the spring and fall migrations. The Stikine and Mendenhall river deltas and Yakutat and Bering Glacier forelands areas are particularly important staging areas. Many birds also breed in the region during the summer and a large duck population overwinters in sheltered areas. Major seabird breeding colonies are located on St. Lazaria, Forrester and Hazy Islands. Smaller colonies are also present throughout the region. Recent surveys have also been completed by the Fish and Wildlife Service for marbled and Kittlitz's murrelets and wintering water birds in Southeast.

The Alaskan Seabird Colony Catalog is an automated database that contains the distributions of breeding seabirds and the relative size of all the colonies in Alaska. The data reports indicating estimated species composition and numbers for seabird colonies of Southeast Alaska are summarized from the catalog. The maps display colony locations. The Alaska Seabird Colony Catalog is maintained by the U.S. Fish and Wildlife Service, Division of Migratory Bird Management, Marine and Coastal Bird Project, in Anchorage at 786-3444.

IMPORTANT BIRD SPECIES/GROUPS

Common Birds: Many of the Southeast's birds are water birds. Some are year-round residents, and many more species pass through the area during spring and fall migration periods. Some northern breeding seaducks spend the winter in Southeast Alaska. In May, large concentrations of seabirds feed on the dense concentrations of prey fish and shorebird flocks feed on invertebrates in coastal mudflats and marshes. Nesting of the Southeast's birds occurs in a wide variety of habitats: cliffs, gravel bars in streams, peatland bogs, hollows in dead trees, rockpiles, burrows, trees and at the base of tree trunks, or marsh grasses along the edges of lakes. An Alaskan bird list may be found at:

<http://www.npwrc.usgs.gov/resource/othrdata/chekbird/r7/alaska.htm> (USGS 2003a).

A Juneau bird checklist may be found at:

<http://www.npwrc.usgs.gov/resource/othrdata/chekbird/r7/juneau.htm> (USGS 2003b).

A checklist for Glacier Bay National Park and Preserve is available at:

http://www.nps.gov/glba/InDepth/learn/about/nature/animals/bird_list.pdf

Waterfowl. Spring and fall concentration areas for waterfowl include the Blacksand Island and Situk River tidal flat areas, Dry Bay, Chilkat Inlet, Mendenhall Wetlands State Game Refuge, Stikine River Flats, and Burroughs Bay. Winter residents and migrants include common loon, yellow-billed loon, Pacific loon, red-throated loon, horned grebe, red-necked grebe, western grebe, and pelagic cormorant. Wintering seaducks include Barrow's and common goldeneye, harlequin duck, long-tailed duck, white-winged scoter, surf scoter, and black scoter. Large flocks of non-breeding scoters reside in coastal waters all summer. Harlequin ducks are the only seaduck that nests in Southeast Alaska. Nesting waterfowl are Vancouver Canada geese (that also winter in the subarea), mallard, and common and red-breasted

merganser. Green-winged and blue-winged teal may nest in the extensive freshwater wetlands in the Yakutat area.

Seabirds. Common gull and gull-like birds include the glaucous-winged, mew, herring, and Thayer's and Bonaparte's gulls, black-legged kittiwake, Arctic tern and forked-tailed and Leach's storm petrel. Aleutian tern and the caspian tern are less commonly found. Common murre, pigeon guillemot, Cassin's and rhinoceros auklets, horned and tufted puffins, and marbled and Kittlitz's murrelets are also found along the coast. Seabird colonies are listed on the MESA Maps 58-68 (ADF&G 2001) and attached links.

Shorebirds. Southeastern Alaska's shorelines provide a varied assortment of invertebrates for shorebirds to feed on. Shorebirds present, particularly during migration periods, include black oystercatcher; black and ruddy turnstones; dunlin; western, rock, least and pectoral sandpipers; surfbird; black-bellied and semipalmated plover; red knot; greater and lesser yellowlegs; spotted sandpiper; common snipe; and long and short-billed dowitchers. Great blue herons reach the northern limit of their breeding range in southern Southeast Alaska.

Passerines. The upland mosaic of Southeast Alaska habitats provide nesting, resting and feeding areas for a variety of birds. Species most closely associated with coastal areas include the rufous hummingbird, belted kingfisher, violet-green swallow, tree swallow, common raven, northwestern crow, American dipper, winter wren, yellow warbler, Wilson's warbler, savannah sparrow, fox sparrow, Lincoln's sparrow, and song sparrow. Sandhill cranes regularly pass through the subarea during migration, using Mendenhall Wetlands Refuge, for example.

Raptors known to inhabit Southeast Alaska coastal areas include bald eagle, northern harrier, and osprey. Less common are short-eared owl, merlin, gyrfalcon and Peale's peregrine falcon. Although Alaskan bald and golden eagles are not on the endangered species list, they are fully protected (including their nests and nest trees) under the Bald Eagle Protection Act of 1940 and the Migratory Bird Treaty Act of 1918 as amended. Spill response activities that could affect these species should be coordinated with the U.S. Fish and Wildlife Service.

A large population of bald eagles nest along the coastal areas during spring and summer and many are year-round residents. Concentrations of bald eagles are commonly found in association with major spawning events by species including salmon, herring and eulachon. The largest eagle concentrations are found near Haines, along the Chilkat River from September through January, and along the lower Stikine River from April through early May.

(d) Marine Mammals

Harbor seals (see following map), Steller sea lions, sea otters, killer whales and porpoises are present throughout the year. Several species of endangered baleen whales, including large numbers of gray and humpback whales, migrate through the area and stop to feed during the spring and summer.

Harbor seals, Steller sea lions, sea otters, gray whales, finback whales, sei whales, minke whales, humpback whales, beluga whales, Cuvier's beaked whales, killer whales, Dall and harbor porpoises, and Pacific white sided dolphins are all present in Alaska (Hall 1981). The Marine Mammal Protection Act of 1972 protects all marine mammals. Any spill response activities, which could affect marine mammals, should be coordinated with the U.S. Fish and Wildlife Service or the National Marine Fisheries Service. NOTE: sea otters are the only marine mammal in the subarea under jurisdiction of the U.S. Fish and Wildlife Service.

Killer Whales, or Orca, prey upon warm-blooded vertebrates including marine mammals, sea birds, and many species of fish. Resident, transient and offshore killer whales all occur in Alaska. There is evidence to suggest killer whales are preying more on sea otters in certain parts of Alaska due to the decline of seals and sea lions in Alaskan waters (USFWS 2002).

Humpback Whales are the baleen whales most frequently seen swimming or feeding close to shore along the southern coast of Alaska. Distinguishing characteristics of humpback whales are their extremely long flippers, which may reach 25 to 30 percent of the length of the entire animal. The most recent abundance estimates indicate that nearly 1,000 humpback whales may be found in southeast Alaska north of Chatham Strait (Straley et al. 2002). Some humpback whales are present year-round in areas such as Sitka Sound and Lynn Canal. In Southeast Alaska, humpback whales show a high degree of site fidelity to feeding areas such as Frederick Sound, Chatham Strait, North Pass, Sitka Sound, Glacier Bay, and Icy Strait. Humpback whales in these regions feed primarily on herring, juvenile walleye Pollock, capelin, sandlance, and krill.

Gray Whales. They are alone among baleen whales in feeding predominantly on infaunal invertebrates. They apparently feed by lying on their sides and sucking up sediment from the sea floor. Gray whales have recovered slightly and their world population is now estimated at about 21,000. Two gray whales are harvested annually (range 0-6) in recent years by Alaskan Eskimos.

Harbor Seals are found year around in nearshore waters throughout Southeastern Alaska. Harbor seals tend to concentrate in estuaries and protected waters. Habitats used for haulouts include cobble and sand beaches, tidal mud flats, offshore rocks and reefs, and ice (frozen heads of bays, in fjords, etc.) when available. Harbor seals enter lakes and rivers on a seasonal basis.

Haulouts are used for pupping, molting, and resting, and may be used year-round; peak haulout use occurs during June through early October. Pupping occurs between late May and early July; most pups are born during the first three weeks of June. Births of harbor seal pups are not restricted to a few major sites (as is the case for many species of pinnipeds) but occur at many hauling sites. They haul out in thousands of locations in Alaska, and even if seals at all sites could be counted, the proportion of the total population hauled out at any given time is unknown. The total Alaska harbor seal population probably ranges between 200,000 and 300,000 animals. Please see MESA maps 58-68 along with harbor seal haulout maps below to determine important concentration areas (ADF&G 2001).

Sea Otters are generally found in shallow (< 40m), nearshore areas where they feed on bottom-dwelling invertebrates. Sea otters depend on their fur to thermoregulate since they lack an insulating layer of fat (blubber). Although perhaps as few as 2,000 total animals existed in 1911 due to over harvest, most of the sea otter habitat in Alaska has now been repopulated (ADF&G 2003a). The principal exception is Southeast Alaska where numbers are increasing rapidly. This is in part due to reintroduction of otters in the 1960's.

The Steller Sea Lion in Southeastern Alaska is part of the population segment classified in 1997 as threatened under the Endangered Species Act. During May through August, territorial breeding behavior occurs on the rookeries. Pupping occurs from late May to early July; most pups are born during June. The National Marine Fisheries Service has designated both rookeries and haulouts as critical habitat for the endangered species.

Seasonal movements occur generally from exposed areas in summer to protected areas in winter. Steller sea lions can move over long distances. Please see map below for further Steller sea lion critical habitat delineations. Large concentrations of Steller sea lions haul out at Benjamin Island, Biali Rock, Biorka, Cape Addington, Cape Cross, Cape Ommaney, Coronation Island, Gran Point, Ledge Point, Lull Point, Sunset Island, and Timbered Island. Sea lion rookeries occur on Hazy Island, White Sisters, Biali Rock, Graves Rock, and also at Lowrie Island, Cape Horn Rocks, North Rock, and Sea Lion Rock in the Forrester Island complex. Rookeries can also be used as haulouts outside the breeding season.

Southeast Alaska

Contingency Plan Subarea with 2000 Seabird Population

1 inch = 55 miles

Source: US Fish and Wildlife Service, 2000,
Beringian Seabird Colony Catalog--
computer database, Anchorage, AK

Seabird Present

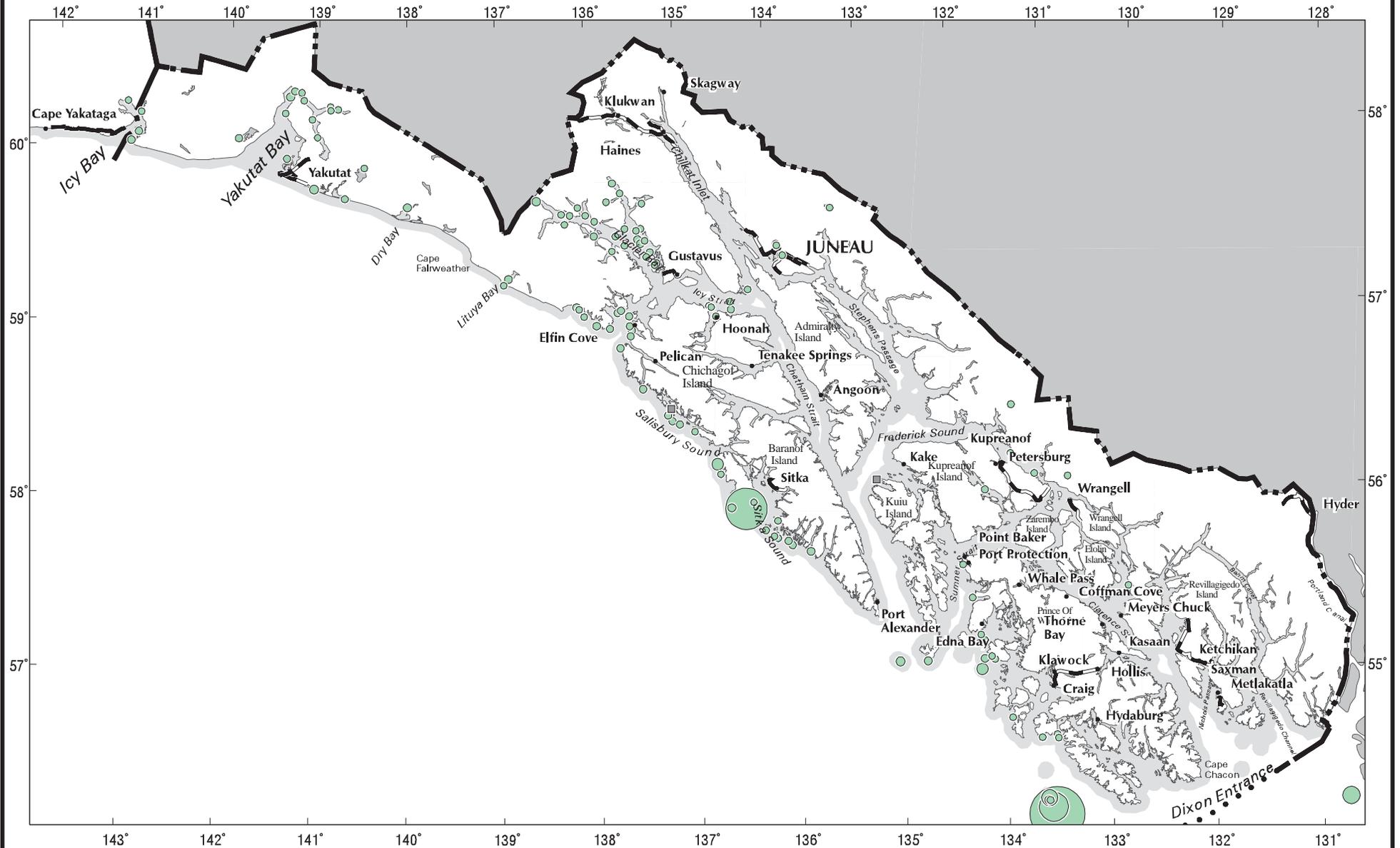
Seabird Population



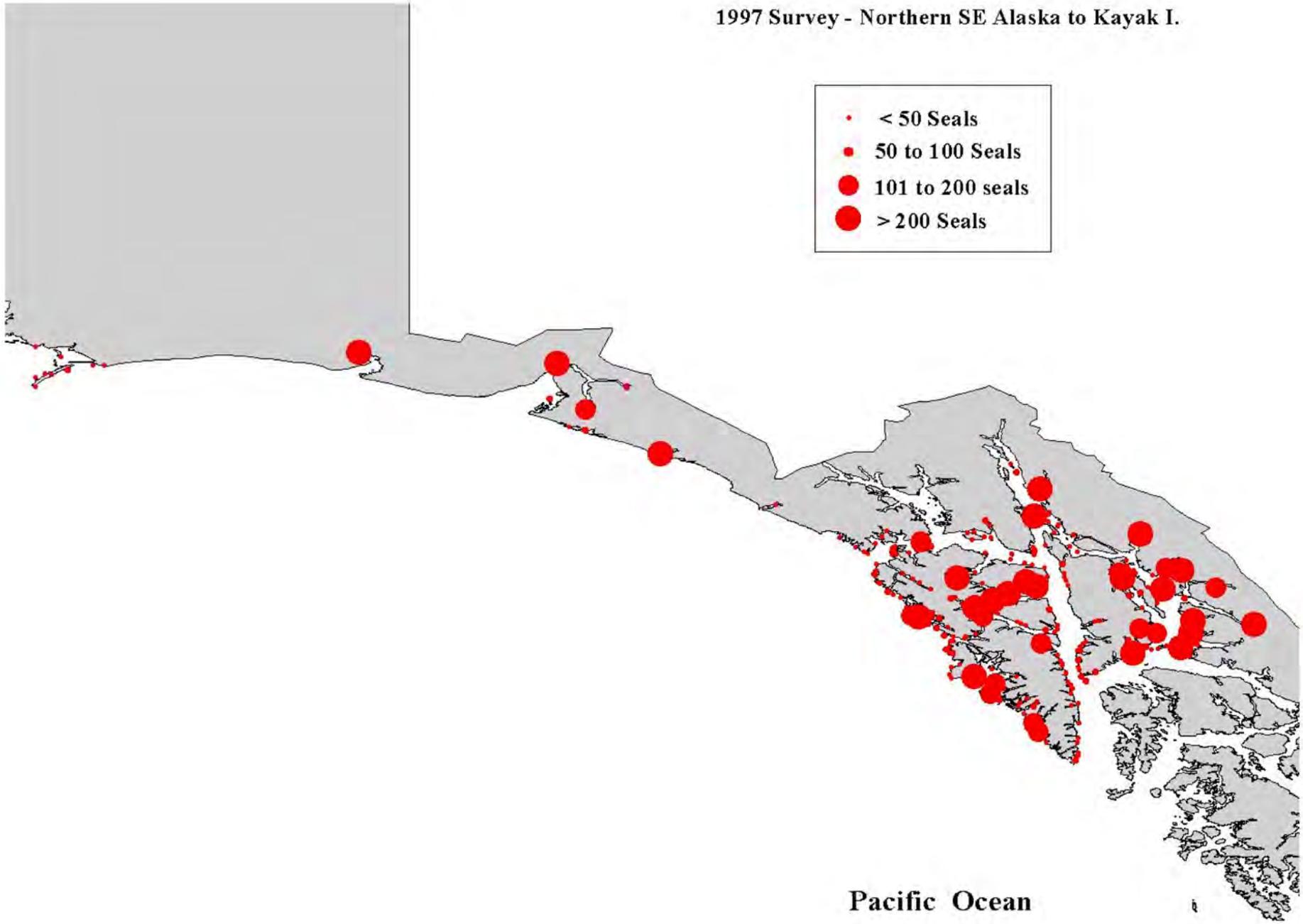
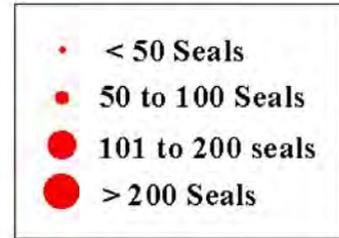
1,000,000

100,000

10,000

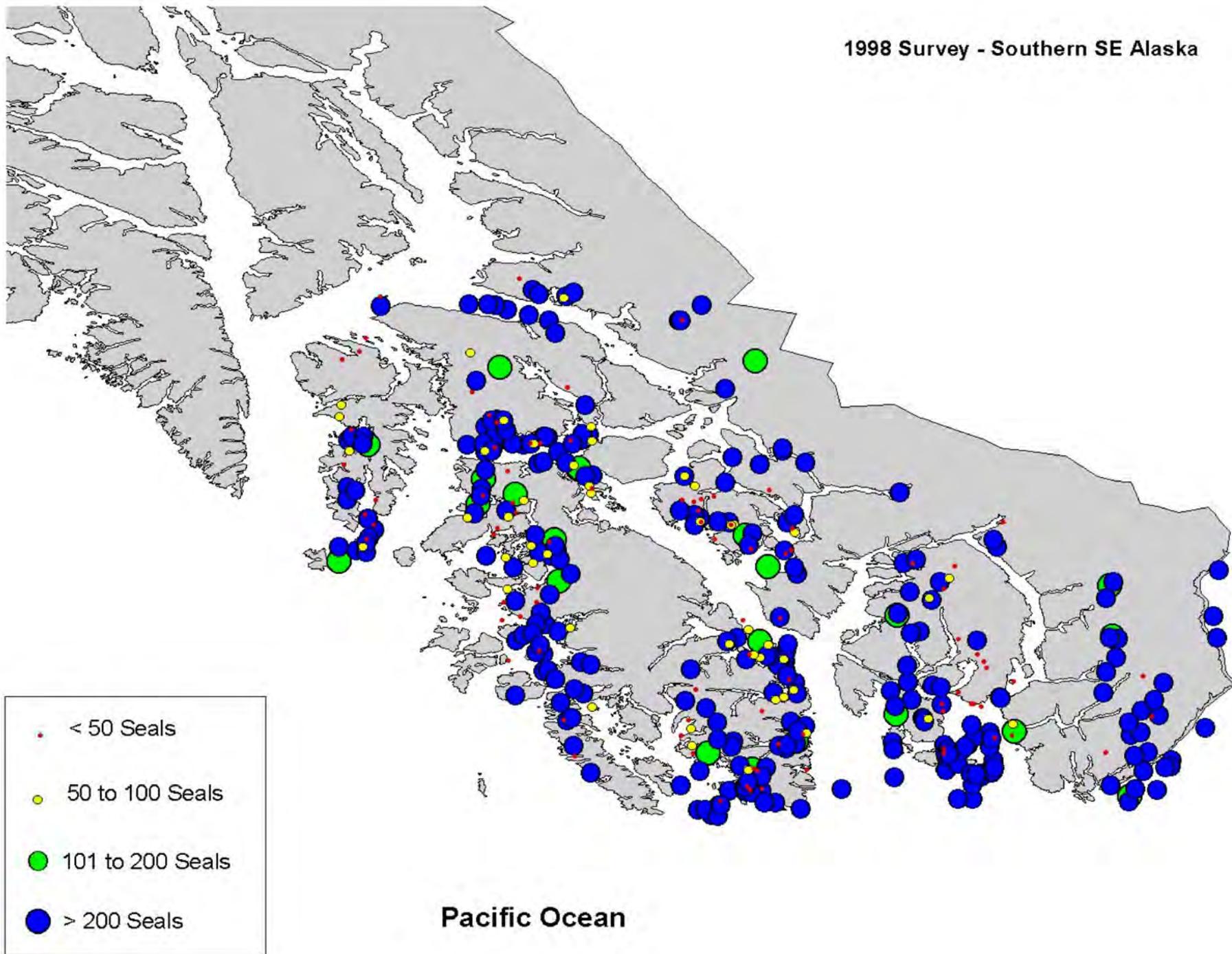


1997 Survey - Northern SE Alaska to Kayak I.



Pacific Ocean

1998 Survey - Southern SE Alaska



(e) Terrestrial Mammals

Several species of terrestrial mammals are present. Brown and black bear, moose, Sitka black-tailed deer, wolves, mountain goats, river otter, mink and weasels are common in coastal areas. It should be noted that several of these mammals are transient through coastal areas (bear, deer, goats, wolves) on a daily basis, but their fleeting presence should not influence management decisions for oil spill response. These mammals may spend more time in coastal areas during winter months when forage becomes scarce at high elevations. River otter, mink and weasels are an exception to this general statement.

Sitka black-tailed deer is native to the coastal rain forests of Southeast Alaska. During summer, deer generally feed on herbaceous vegetation and the green leaves of shrubs and evergreen forbs and woody browse in the winter (ADF&G 2003c). During low snow years, evergreen forbs such as bunchberry and trailing bramble are preferred. During periods of deep snow, woody browse such as blueberry, yellow cedar and hemlock, and arboreal lichens are used (ADF&G 2003c). Also during heavy snow years, deer use the intertidal areas to feed on fucus and various macroalgae.

Roosevelt and Rocky Mountain Elk were successfully transplanted to Etolin Island near Petersburg in 1987 (ADF&G 2003c). Sightings of elk have been documented on several adjacent islands.

Moose occur in habitats throughout much of the Southeastern Alaskan region, ranging from aquatic and riparian floodplains to sub-alpine willow-dominated areas. Sedge meadows, ponds and lakes with extensive aquatic vegetation, riparian and subalpine willow stands, and forested areas provide important summer habitat for moose where they feed on sedges, equisetum, pond weeds, and grasses (ADF&G 2003c). Important winter habitat includes shrub-dominated alpine and riparian areas, and forested areas. During fall and winter, moose consume large quantities of willow, birch, and aspen twigs (ADF&G 2003c). Calving occurs in mid May and early June, frequently in isolated marshy lowlands after a gestation of about 230 days. Annual harvest of moose by residents and nonresidents is approximately 6,000-8,000 for the state of Alaska per year (ADF&G 2003c).

Brown Bears occur throughout Southeastern Alaska except on the islands south of Frederick Sound. Bear concentrations may be found along rivers when spawning salmon are present. Brown bears consume a wide variety of foods including: berries, grasses, sedges, horsetails, cow parsnip, fish, ground squirrels, carrion, and roots of many kinds of plants. Brown bears enter dens beginning in late October, with most bears denning by mid December. Bears emerge from their dens as early as mid March, depending on weather conditions. Brown bears visit tidal flats from mid-late April through late June to graze on the grass and sedge communities. Use of intertidal areas decreases during mid-summer, although individuals will visit to dig clams or scavenge beached carcasses. Once the salmon return to streams in August, bears concentrate along the streams near tidewater to feed. Brown bears will stay near salmon streams until the runs play out, sometimes into October (Crowley 2002). Harvest data in Unit 6 (ADF&G 2000a). Brown bear spring concentration areas include the Blacksand Spit near Situk, on Bear Island around Dry Bay, by the Chilkat and Lutak Inlet, Dry Strait, Stikine River, Pack Creek and the Stan Price State Wildlife Sanctuary, and Grant Creek. Brown Bear concentrations along fish streams include the Chilkat River, Stikine River, Situk River, Pack Creek, Unuk River, Klahini River and dozens of smaller rivers and streams throughout their range (Please see MESA Maps 58-60 and 63-65 [ADF&G 2001]).

Black Bears -In Southeast Alaska, black bears occupy most islands with the exceptions of Admiralty, Baranof, Chichagof, and Kruzof (Crowley 2002). These are inhabited by brown bears. Both species occur on the southeastern mainland. The black bear is omnivorous, and consume freshly sprouted green vegetation, carrion, fresh kills of young moose and deer, and berries. Black bears have similar concentration areas as mentioned above for brown bears.

Furbearers- Beavers, coyotes, red foxes, lynx, marten, mink, muskrats, land otters and wolverines are all present in the Southeastern Alaska. Historical information on population status is mostly anecdotal.

Sealing monitors harvests of beavers, lynx, land otters and wolverines. Lynx, wolverines, and coyotes are relatively scarce in the area (ADF&G files).

In the Southeastern Alaska area, beaver, mink, and river otter are common inhabitants of aquatic and riparian floodplain and wetland areas, including marshes, ponds, lakes, streams, and rivers. Mink are considered to be common to abundant throughout the subarea. They prey on a variety of animals and feed on anything they can capture and kill. They are adapted to capture aquatic and terrestrial prey including mammals, fish, birds, amphibians, crustaceans, and insects. Fish are their main food item. Diet of the river otters consist of fish, crustaceans, amphibians, insects, birds, and mammals.

Wolves and Foxes are found throughout Southeastern Alaska, including the major islands where deer would be adequate prey. Wolves are carnivores, and in most of mainland Alaska moose and/or caribou are their primary food, with Dall sheep being important in limited areas. In Southeast Alaska, Sitka black-tailed deer, mountain goats, beaver, and fish are the most important sources of food. During summer, small mammals including voles, snowshoe hares, beaver, and occasionally birds are supplements in the diet (ADF&G 2003c). Wolves and foxes select den sites where unfrozen, well-drained soils occur (e.g., dunes, river banks, and moraines). Wolves may initiate den construction in mid-April with pups being born from mid May through early June. Dens may be occupied until August. Red foxes have a reproductive pattern similar to that of wolves.

References For Biological Resources

Agler, Beverly A., Steven J. Kendall, and David B. Irons. 1998. Abundance and Distribution of Marbled and Kittlitz's Murrelets in Southcentral and Southeast Alaska. The Condor 100(2):254-265.

Alaska Department of Fish and Game. 2003a. Endangered Species Web Site.
<http://www.wildlife.alaska.gov/index.cfm?adfg=endangered.main>

Alaska Department of Fish and Game. 2003b. Alaska Department of Fish and Game Home Page.
<http://www.adfg.state.ak.us/>.

Alaska Department of Fish and Game. 2003c. Web Notebook Series. \
<http://www.adfg.state.ak.us/pubs/notebook/notehome.php>

Alaska Department of Fish and Game, Division of Sport Fisheries. 2003d. Fish Distribution Database.

Alaska Department of Fish and Game, Habitat and Restoration Division. 2001. Oil Spill Contingency Planning: Most Environmentally Sensitive Areas (MESAs) Along the Coast of Alaska. Volume II. Prepared by the Alaska Department of Fish and Game, Habitat and restoration Division. Anchorage, AK.

Alaska Department of Fish and Game. Hicks, Mary, Editor. 2000a. Federal Aid in Wildlife Restoration Annual Performance Report Survey-Inventory Activities: 1 July 1999-30 June 2000: Brown Bear. Pages 4-5

Alaska Department of Fish and Game. June 1999a. Yakataga State Game Refuge Management Plan.

Alaska Department of Fish and Game. March 1990. Mendenhall Wetlands State Game Refuge Management Plan.

Armstrong, R. H. 1996. Alaska's Fish, A Guide to Selected Species.

- Carlson, H.R., R.E. Haight, R.E. and K.J. Krieger. 1982. *Species composition and relative abundance of demersal marine life in waters of Southeastern Alaska, 1969-81*. NWAFC Processed Report 82-16. 106 p.
- Crowley, Dave. 2002. Personal Communication with ADF&G Area Biologist concerning bears in Alaska.
- Griese, H. J. 1988. Unit 6 Furbearer Survey-Inventory Progress Report. Pages 31-44 in S. O. Morgan Editor. Annual Report of Survey-inventory Activities. Part XIV. Furbearers. Volume XVIII. Alaska Department of Fish and Game. Federal Aid in Wildlife Restoration Progress Report W-22-6, Job 7.0. Juneau.
- Griese, H. J. 1990. Unit 6 Furbearer Survey-Inventory Progress Report. Pages 42-55 in S. O. Morgan Editor. Annual Report of Survey-inventory Activities. Part XIV. Furbearers. Volume XX. Alaska Department of Fish and Game. Federal Aid in Wildlife Restoration Progress Report W-23-2, Study 7.0. Juneau.
- Johnson, S.W., A. Darcie Neff and Jouhn F. Thedingal *An atlas for the distribution and habitat of common fishes in shallow nearshore waters of southeastern Alaska*. Unpublished.
- Lohr, Sameul C., Mason D. Bryant. 1999. Biological Characteristics and Population Status of Steelhead (*Oncorhynchus mykiss*) in Southeast Alaska. United States Department of Agriculture, Forest Service, Pacific Northwest Research Station. General Technical Report, PNW-GTR-407.
- McAllister, Dennis. March 1993. Alaska Department of Fish and Game. Personal Communication Regarding Steller Sea Lion Haulouts.
- National Marine Fisheries Service. 2003a. Steller Sea Lion Critical Habitat and No-Entry Zones. <http://www.fakr.noaa.gov/protectedresources/stellers/habitat.htm>.
- National Marine Fisheries Service. 2003b. Essential Fish Habitat Information. <http://www.fakr.noaa.gov/habitat/efh.htm>.
- Straley, J.M., T.J. Quinn, and C.M. Gabriele. 2002. *Estimate of the abundance of humpback whales in southeastern Alaska 1994-2000*. Rept. To NMFS, NMML, Grant No. G00000756, SFOS02-223, Seattle Washington, October 2001. 22pp.
- United States Geological Services. 2003a. Alaskan Bird List. <http://www.npwrc.usgs.gov/resource/othrdata/chekbird/r7/alaska.htm>.
- United States Geological Services. 2003b. Juneau Bird List. <http://www.npwrc.usgs.gov/resource/othrdata/chekbird/r7/juneau.htm>
- U.S. Fish and Wildlife Service National. 2003a. Endangered Species Web Site. <http://endangered.fws.gov/>.
- US Fish and Wildlife Service. 2003b. Alaska Seabird Colony Data. Migratory Bird Management, Marine and Coastal Bird Management. Anchorage, AK.
- US Fish and Wildlife Service. 2003c. Website Regarding Sea Otters.
- U.S. Forest Service. 1995. Finding Birds in Juneau. U.S. Forest Service. Unpaginated. Jamiston, ND: Northern Prairie Wildlife Research Center Home Page. <http://www.npwrc.usgs.gov/resource/othrdata/chekbird/r7/juneau.htm> (Version 22May98).

2. Vegetation

Rare plant species are identified below, as documented by the Alaska Natural Heritage Program. The map on the following page identifies the general locations of these rare plants. For further information, contact the Alaska Natural Heritage Program botanist at 257-2785.

Rare Plants Known from the Southeast Alaska Subarea			
Global Rank	State Rank	Scientific Name	Common Name
G1	S1	<i>Botrychium sp 1</i>	
G1G2Q	S1	<i>Isoetes truncata</i>	Truncate quillwort
G2G3	S2	<i>Polystichum setigerum</i>	Alaska holly fern
G3	S1	<i>Cirsium edule</i>	Edible thistle
G3	S1	<i>Ligusticum calderi</i>	Calder's lovage
G3	S1S2	<i>Glyceria leptostachya</i>	Slim-head manna grass
G3	S2	<i>Phyllospadix serrulatus</i>	Serrulate surf-grass
G3	S2	<i>Poa laxiflora</i>	Loose-flowered bluegrass
G3	S2	<i>Senecio moresbiensis</i>	
G3	S2S3	<i>Phacelia mollis</i>	Coffee creek scorpion-weed
G3	S3	<i>Draba ruaxes</i>	Ranier whitlow-grass
G3	S3	<i>Romanzoffia unalaschensis</i>	Alaska mistmaiden
G3	S3	<i>Thlaspi arcticum</i>	Arctic pennycress
G3	S2	<i>Botrychium ascendens</i>	Upward-lobed moonwort
G3G4	S3	<i>Platanthera chorisiana</i>	Choriso bog-orchid
G4	S1	<i>Polystichum kruckebergii</i>	
G4	S1S2	<i>Phyllodoce empetriformis</i>	Pink mountain-heath
G4	S2	<i>Eleocharis kamtschatica</i>	Kamchatka spike-rush
G4	S2	<i>Galium kamtschaticum</i>	Boreal bedstraw
G4	S2	<i>Taxus brevifolia</i>	Pacific yew
G4	S2S3	<i>Malaxis paludosa</i>	Bog adder's-mouth
G4	S3	<i>Abies amabilis</i>	Pacific silver fir
G4	S3	<i>Asplenium viride</i>	
G4	S3S4	<i>Draba lacteal</i>	Milky whitlow-grass
G4	S4	<i>Euphrasia mollis</i>	Subalpine eyebright
G4	S1	<i>Hymenophyllum wrightii</i>	Wright's filmy fern
G4	S2S4	<i>Castilleja parviflora</i>	Small-flowered indian-paintbrush
G4G5	S1	<i>Cypripedium montanum</i>	Mountain lady's-slipper
G4G5	S1	<i>Scirpus subterminalis</i>	Water bulrush
G4G5	S1S2	<i>Isoetes occidentalis</i>	
G4G5	S2	<i>Lonicera involucrate</i>	Fly honeysuckle
G4G5	S4	<i>Cassiope lycopodioides</i>	Clubmoss bell-heather
G4Q	S3	<i>Pedicularis macrodonta</i>	Muskeg lousewort
G4T2T3	S2S3	<i>Stellaria ruscifolia ssp aleutica</i>	
G5	S1	<i>Arnica mollis</i>	Hairy arnica
G5	S1	<i>Campanula scouleri</i>	Scouler's bell-flower
G5	S1	<i>Carex bebbii</i>	Bebb's sedge
G5	S1	<i>Carex interior</i>	Inland sedge
G5	S1	<i>Carex praegracilis</i>	Clustered field sedge
G5	S1	<i>Dulichium arundinaceum</i>	Three-way sedge
G5	S1	<i>Lactuca biennis</i>	Tall blue lettuce

Rare Plants Known from the Southeast Alaska Subarea			
Global Rank	State Rank	Scientific Name	Common Name
G5	S1	<i>Listera convallarioides</i>	Broad-leaved twayblade
G5	S1	<i>Melica subulata</i>	Alaska onion grass
G5	S1	<i>Polygonum minimum</i>	Leafy dwarf Knotweed
G5	S1	<i>Rorippa curvisiliqua</i>	Curve-pod yellowcress
G5	S1	<i>Salix prolixa</i>	MacKenzie willow
G5	S1	<i>Stachys emersonii</i>	
G5	S1S2	<i>Carex athrostachya</i>	Joint-spike sedge
G5	S2	<i>Agrostis thurberiana</i>	Thurber bentgrass
G5	S2	<i>Mimulus lewisii</i>	Lewis monkeyflower
G5	S2	<i>Minuartia biflora</i>	Mountain stitchwort
G5	S2	<i>Mitella nuda</i>	Naked bishop's-cap
G5	S2	<i>Mitella trifida</i>	Pacific bishop's-cap
G5	S2	<i>Phacelia sericea</i>	Silky scorpion-weed
G5	S2	<i>Poa leptocoma</i>	Bog bluegrass
G5	S2	<i>Salix hookeriana</i>	Hooker willow
G5	S2	<i>Spiraea douglasii</i>	Douglas spirea
G5	S2	<i>Vicia Americana</i>	American purple vetch
G5	S2S3	<i>Draba incerta</i>	Yellowstone whitlow-grass
G5	S2S3	<i>Phacelia franklinii</i>	Franklin's phacelia
G5	S2S3	<i>Physocarpus capitatus</i>	Pacific ninebark
G5	S3	<i>Crassula aquatica</i>	Water pygmy-weed
G5	S3	<i>Cystopteris Montana</i>	Mountain bladder fern
G5	S3	<i>Lycopodium inundatum</i>	
G5	S3	<i>Lycopus uniflorus</i>	Northern bugleweed
G5	S3	<i>Sedum oreganum</i>	Oregon stonecrop
G5	S3	<i>Zannichellia palustris</i>	Horned pondweed
G5	S3S4	<i>Malaxis monophyllos</i>	White adder's-mouth
G5	S4	<i>Primula eximia</i>	
G5	S4	<i>Stellaria crassifolia</i>	Fleshy stitchwort
G5	S4	<i>Woodsia glabella</i>	Smooth woodsia
G5	S1	<i>Sedum divergens</i>	Spreading stonecrop
G5	S2	<i>Platanthera orbiculata</i>	Large roundleaf orchid
G5	S3	<i>Viola selkirkii</i>	Great-spurred violet
G5T2	S1	<i>Salix reticulata ssp glabellcarpa</i>	Smooth-fruited netleaf
G5T2Q	S2	<i>Arnica lessingii ssp norbergii</i>	Norberg arnica
G5T2Q	S2	<i>Dodecatheon pulchellum ssp alaskanus</i>	Alaskan pretty shooting-star
G5T2T4	S2S4	<i>Gentianella propinqua ssp aleutica</i>	Aleutian four-parted gentian
G5T3Q	S3	<i>Carex lenticularis var dolia</i>	Goose-grass sedge
G5T4	S1S2	<i>Crataegus douglasii var douglasii</i>	
G5T5	S1	<i>Nymphaea odorata ssp odorata</i>	
G5T5	S1	<i>Poa douglasii ssp macrantha</i>	
G5T5	S1	<i>Salix planifolia ssp planifolia</i>	
G5T5	S1S2	<i>Geum aleppicum var strictum</i>	
G5T5	S2	<i>Betula papyrifera var commutata</i>	Western paper birch
G5T5	S2S3	<i>Cypripedium calceolus ssp parviflora</i>	Small yellow laddyslipper
G5T5	S3	<i>Glehnia littoralis ssp leiocarpa</i>	
G5T5Q	S2	<i>Glyceria striata ssp stricta</i>	Fowl manna-grass

Rare Plants Known from the Southeast Alaska Subarea			
Global Rank	State Rank	Scientific Name	Common Name
G5T5Q	S2	<i>Symphoricarpos albus ssp laevigatus</i>	
GU	S2	<i>Platanthera gracilis</i>	Slender bog-orchid

Species Ranks used by The Alaska Natural Heritage Program:

Species Global Rankings

- G1: Critically imperiled globally. (typically 5 or fewer occurrences)
 G2: Imperiled globally. (6-20 occurrences)
 G3: Rare or uncommon globally. (21-100 occurrences)
 G4: Apparently secure globally, but cause for long-term concern (usually more than 100 occurrences)
 G5: Demonstrably secure globally.
 G#GU: Rank of species uncertain, best described as a range between the between the two ranks.
 G#Q: Taxonomically questionable.
 G#T#: Global rank of species and global rank of the described variety or subspecies of the species.

Species State Rankings

- S1: Critically imperiled in state. (usually 5 or fewer occurrences)
 S2: Imperiled in state. (6-20 occurrences)
 S3: Rare or uncommon in state. (21-100 occurrences)
 S4: Apparently secure in state, but with cause for long-term (usually more than 100 occurrences)
 S5: Demonstrably secure in state.
 S#S#: State rank of species uncertain, best described as a range between the two ranks.

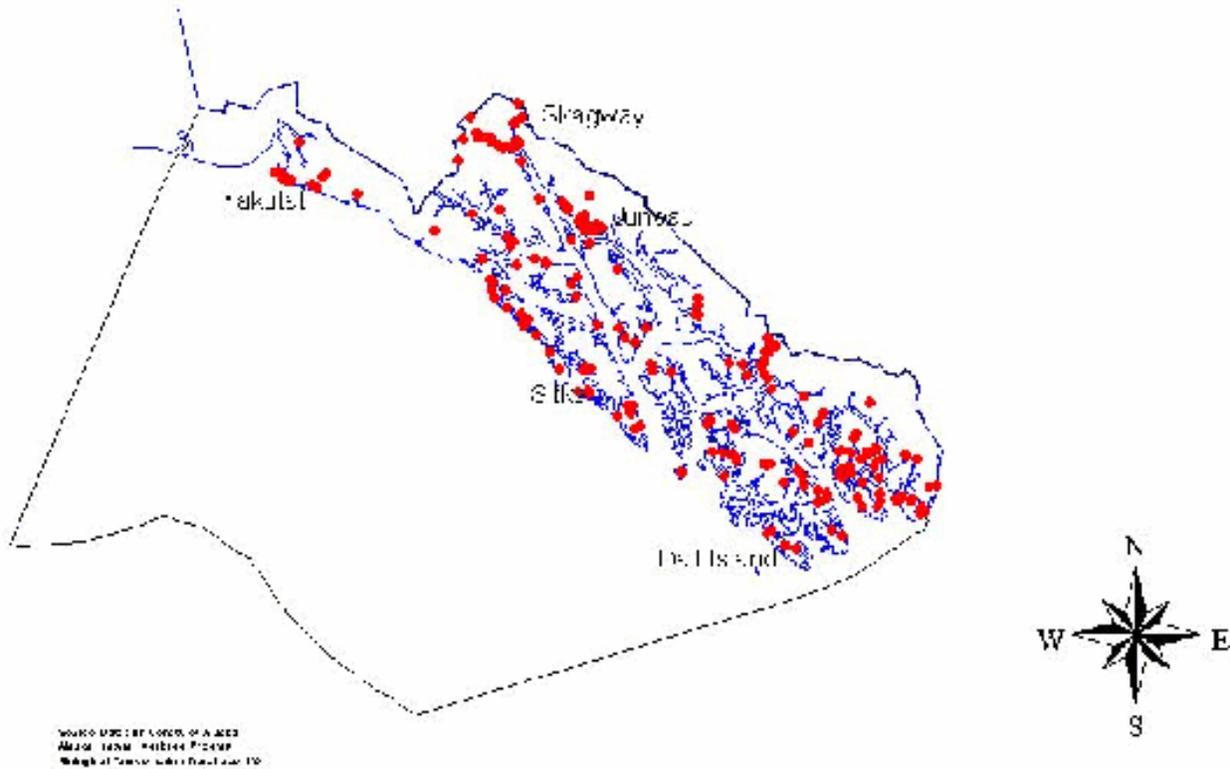
3. Biologically Sensitive Areas

The Alaska Department of Fish and Game began a project in 1996 to map some of the most environmentally sensitive areas (MESAs) for wildlife along Alaska's coast. This information is for contingency planning purposes and does not cover the complete coastline on sensitive areas that other organizations may identify. Maps entitled "Most Environmentally Sensitive Areas along the Coast of Alaska" were published by the Alaska Department of Fish & Game (1997), and are available in hard copy and digital format from their Anchorage office at 267-2338.

Each of these sensitive areas is plotted on a 1:250,000 scale U.S. Geological Survey quadrangle map. An index map of the MESAs in the subarea, a list of MESAs and their resource values, and a reduced version of each map follows. MESA's may be found on the internet at:

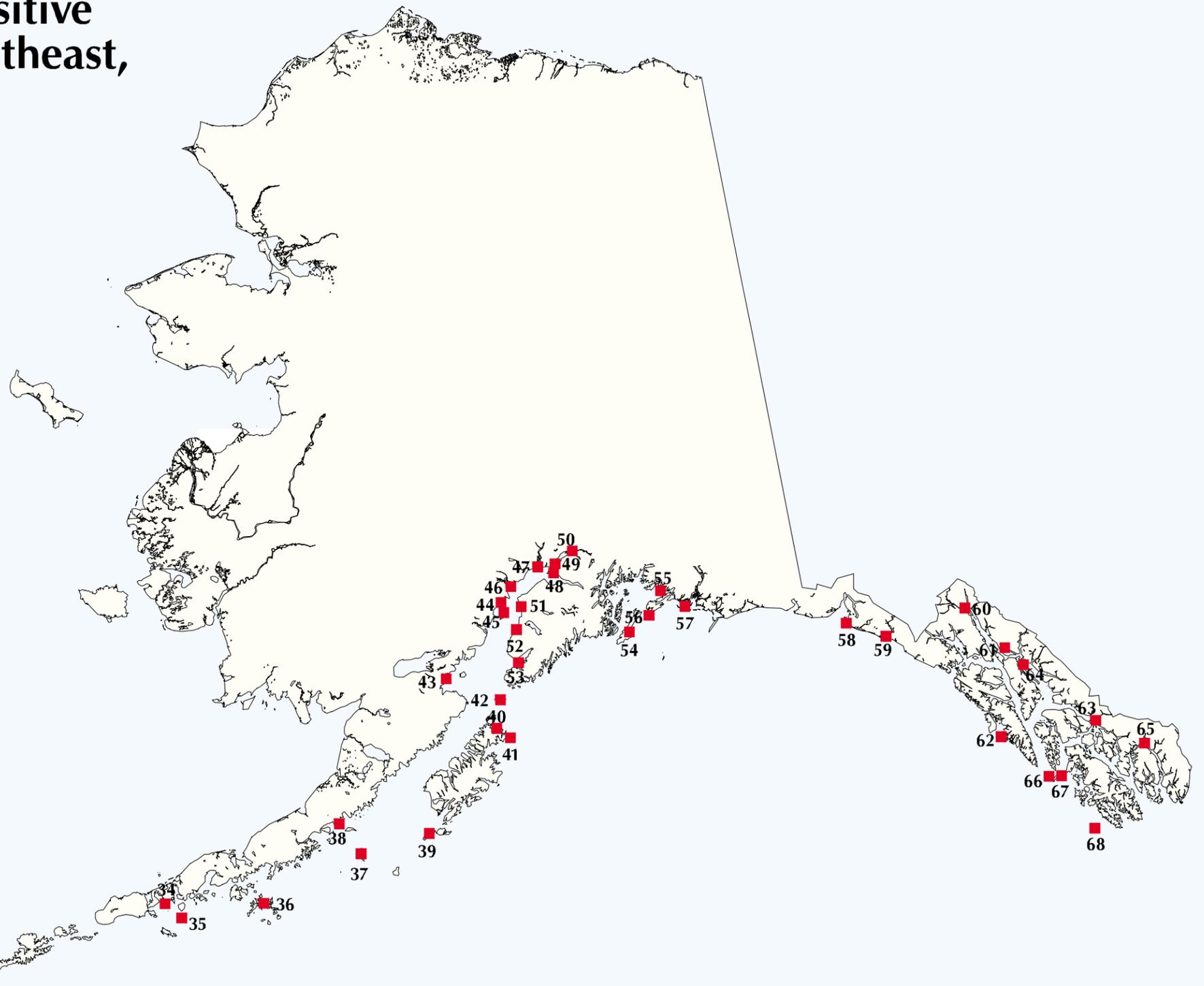
<http://www.asgdc.state.ak.us/maps/cplans/subareas.html>

Known Rare Plant Locations for the Southeast Alaska Subarea Contingency Plan



Most Environmentally Sensitive Areas in Southcentral, Southeast, and Southwest Alaska

- 34. Amagat Island
- 35. Sandman Reefs
- 36. Shumagin Islands
- 37. Semidi Islands
- 38. Kujulik Bay
- 39. Tugidak Island
- 40. Perenosa Bay/Seal Bay (Afognak Island)
- 41. Marmot Island
- 42. Barren Islands
- 43. Chenik Head to Silver Beach (Kamishak Bay)
- 44. Redoubt Bay
- 45. Kalgin Island
- 46. Trading Bay
- 47. Susitna Flats
- 48. Anchorage Flats
- 49. Goose Bay
- 50. Palmer Hay Flats
- 51. Mouth of the Kenai River
- 52. Clam Gulch
- 53. Kachemak Bay
- 54. Patton Bay (Montague Island)/Wooded Island
- 55. Sheep Bay
- 56. Seal Rocks (southwest of Hinchinbrook Island)
- 57. Copper River Delta/Controller Bay
- 58. Situk
- 59. Dry Bay
- 60. Chilkat River Flats
- 61. Mendenhall Wetlands
- 62. St. Lazaria Island
- 63. Stikine River Flats
- 64. Mouth of Pack Creek (Seymour Canal)
- 65. Burroughs Bay (east of Behm Canal)
- 66. Hazy Islands (west of Coronation Island)
- 67. Coronation Island
- 68. Forrester Island?



Oil Spill Contingency Planning
Most Environmentally Sensitive Areas
("Biological Hotspots")
Along the Coast of the Southeast Alaska Subarea

58. Situk <http://www.asgdc.state.ak.us/maps/cplans/se/ mesa58.pdf>
- salmon concentrations
 - eulachon spawning
 - waterfowl and shorebird spring and fall staging
 - seabird colony (>3,300 birds)
 - harbor seal haulouts (>100 animals)
 - brown bear feeding concentrations
59. Dry Bay <http://www.asgdc.state.ak.us/maps/cplans/se/ mesa59.pdf>
- salmon concentrations
 - eulachon spawning
 - waterfowl and shorebird spring and fall staging
 - seabird colonies (>1,600 birds)
 - harbor seal haulouts (>100 animals)
 - brown bear feeding concentrations
60. Chilkat River Flats <http://www.asgdc.state.ak.us/maps/cplans/se/ mesa60.pdf>
- salmon concentrations
 - eulachon spawning
 - waterfowl and shorebird spring and fall staging
 - bald eagle feeding concentrations
61. Mendenhall Wetlands <http://www.asgdc.state.ak.us/maps/cplans/se/ mesa61.pdf>
- salmon concentrations
 - eulachon spawning
 - waterfowl and shorebird spring and fall staging and winter concentrations
 - seabird colonies (>100 birds)
 - Mendenhall Wetlands State Game Refuge
62. St. Lazaria Island <http://www.asgdc.state.ak.us/maps/cplans/se/ mesa62.pdf>
- seabird colony (>404,000 birds)
 - Alaska Maritime National Wildlife Refuge
63. Stikine River Flats <http://www.asgdc.state.ak.us/maps/cplans/se/ mesa63.pdf>
- salmon concentrations
 - eulachon spawning
 - waterfowl and shorebird spring and fall staging
 - harbor seal haulouts (>100 animals)
 - brown/black bear feeding concentrations
64. Mouth of Pack Creek (Seymour Canal) <http://www.asgdc.state.ak.us/maps/cplans/se/ mesa64.pdf>
- salmon concentrations
 - brown bear feeding concentrations
 - Stan Price State Wildlife Sanctuary
65. Burroughs Bay (east of Bradford Canal)
<http://www.asgdc.state.ak.us/maps/cplans/se/ mesa65.pdf>
- salmon concentrations
 - eulachon spawning

- herring wintering concentrations
 - waterfowl and shorebird spring and fall staging
 - harbor seal haulouts
 - black/brown bear feeding concentrations
66. Hazy Islands (west of Coronation Island)
<http://www.asgdc.state.ak.us/maps/cplans/se/ mesa66.pdf>
- seabird colonies (3,600 birds)
 - sea lion haulout and rookery (808 pups)
 - Alaska Maritime National Wildlife Refuge
67. Coronation Island <http://www.asgdc.state.ak.us/maps/cplans/se/ mesa67.pdf>
- seabird colonies (>1,300 birds)
 - sea lion haulout
 - sea otter concentrations
68. Forrester Island <http://www.asgdc.state.ak.us/maps/cplans/se/ mesa68.pdf>
- seabird colonies (>1 million birds)
 - sea lion haulout and rookery (3,261 pups)
 - Alaska Maritime National Wildlife Refuge
- 1 Area heavily weighted by highly significant commercial and/or subsistence fisheries.

D. HUMAN USE RESOURCES

1. Fish Hatcheries and Associated Ocean Net Pens

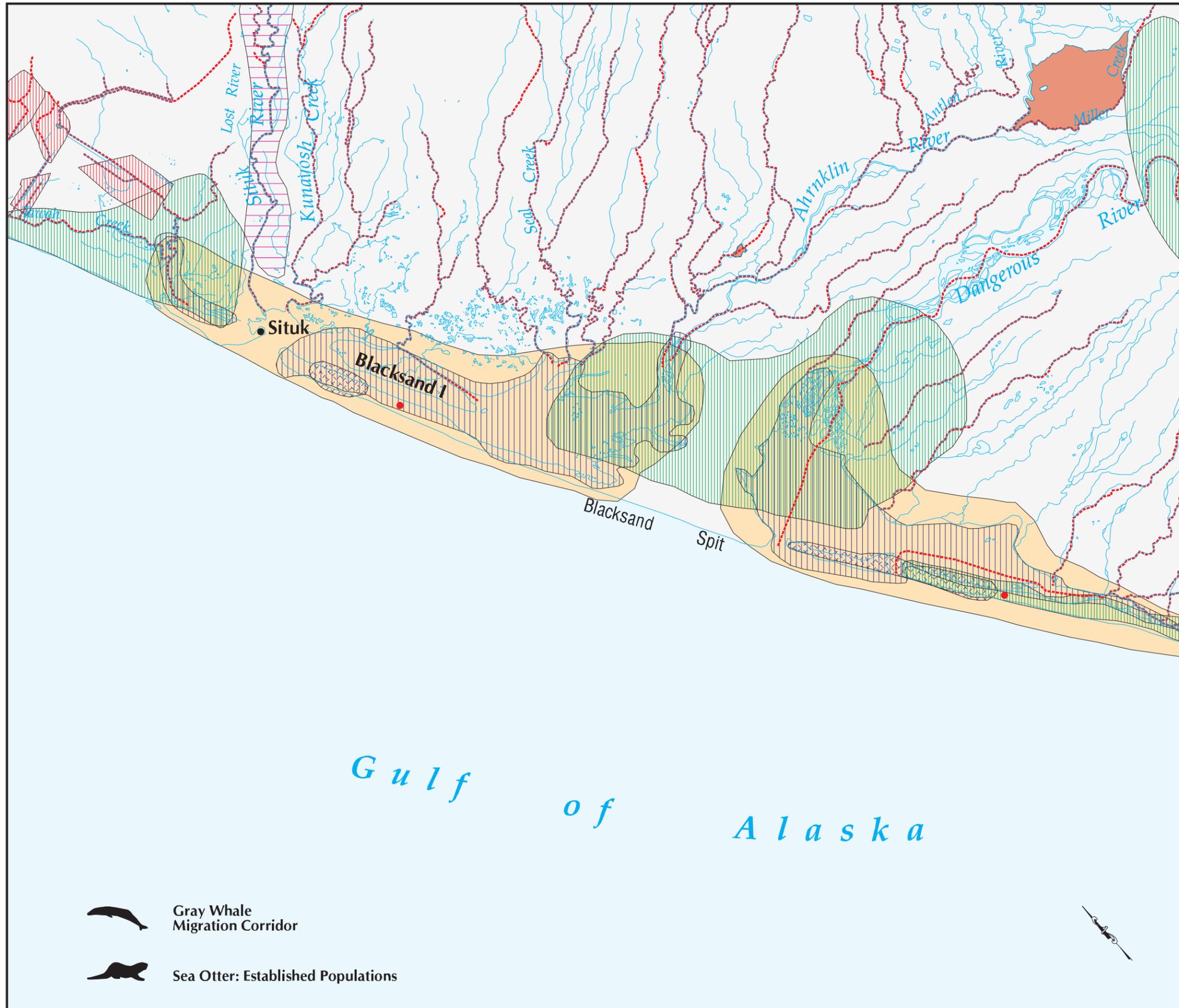
There are currently 24 operating hatcheries in the Southeast Alaska Subarea. The species raised include trout and all five species of Pacific salmon. Hatcheries and their associated ocean net pen release sites are shown in the following tables and figures. Ocean net pens are located at:

Auke Bay
 Fritz Cove
 Gilbert Bay
 Etolin Island
 Shrimp Bay

The hatchery activities most vulnerable to spill injury include fry rearing and release at the hatcheries or associated ocean net pen sites, terminal harvests, and egg takes. However, since the timing of these activities varies by hatchery and species, it is difficult to generalize about what activity occurs, and when, although spring and summer tend to be the most critical times. Hatchery managers should be contacted for specific information. Contact numbers are listed in the following table.

For additional information on hatcheries and ocean net pens in the subarea contact:

Alaska Department of Fish and Game
 Juneau
 465-6152

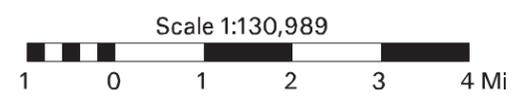


MESA58 SITUK

LEGEND

-  Waterfowl/Shorebird Spring and Fall Concentrations
-  Harbor Seal Haulout Concentration - > 100
-  Brown Bear Spring Concentrations
-  Brown Bear Concentrations Along Fish Streams
-  Eulachon Spawning Areas
-  Anadromous Lakes
-  Areas With Anadromous Streams Too Numerous to Depict Individually
-  Anadromous Streams
-  Seabird Colonies
Less Than or Equal To 10,000 Birds

SOURCES: ADF&G 1986a,b; ADF&G 1996b; USFWS 1996

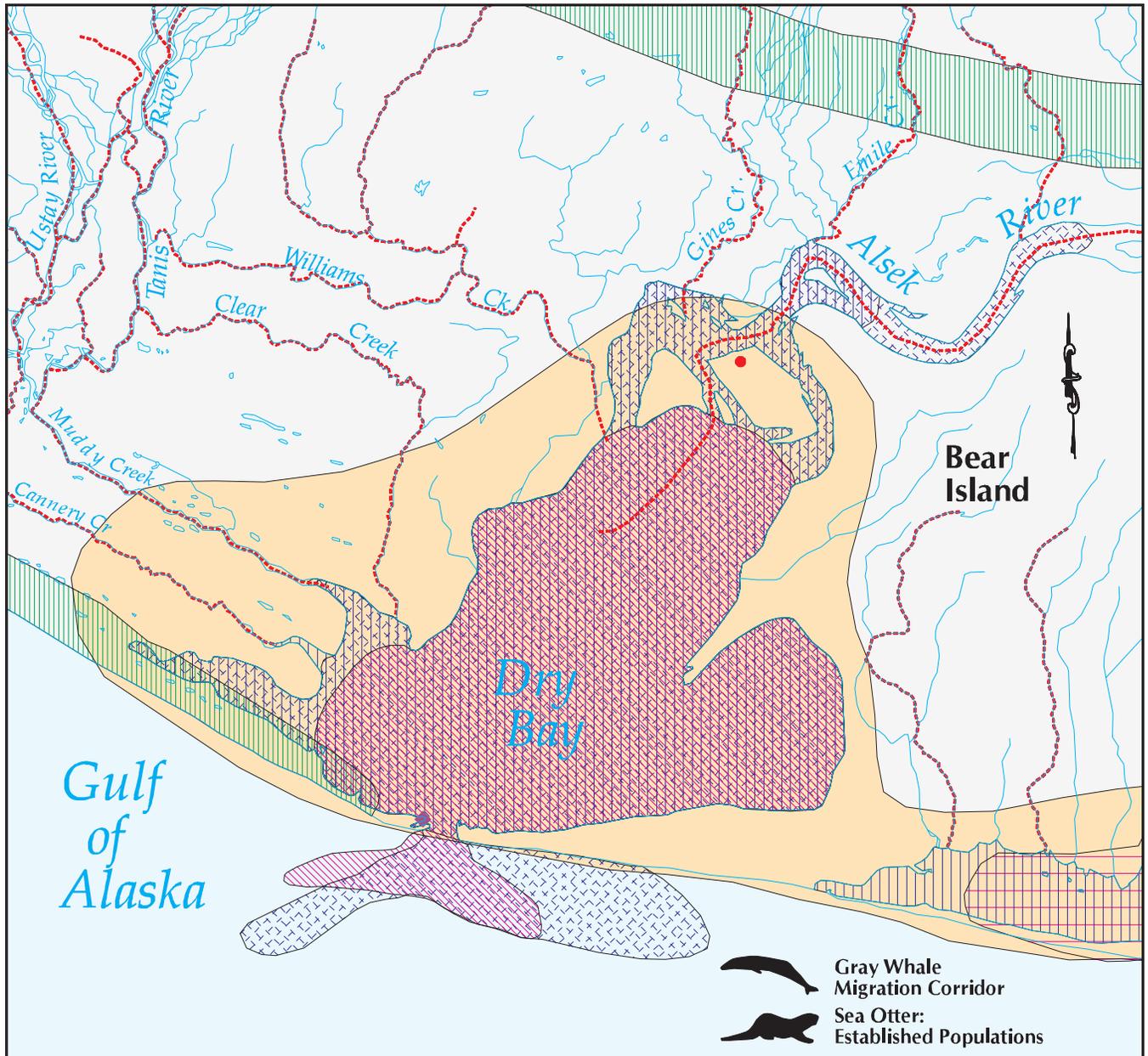


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Department of Fish and Game
Habitat and Restoration Division
June, 1998

 Gray Whale Migration Corridor

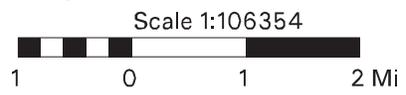
 Sea Otter: Established Populations

Gulf of Alaska



MESA59 - DRY BAY LEGEND

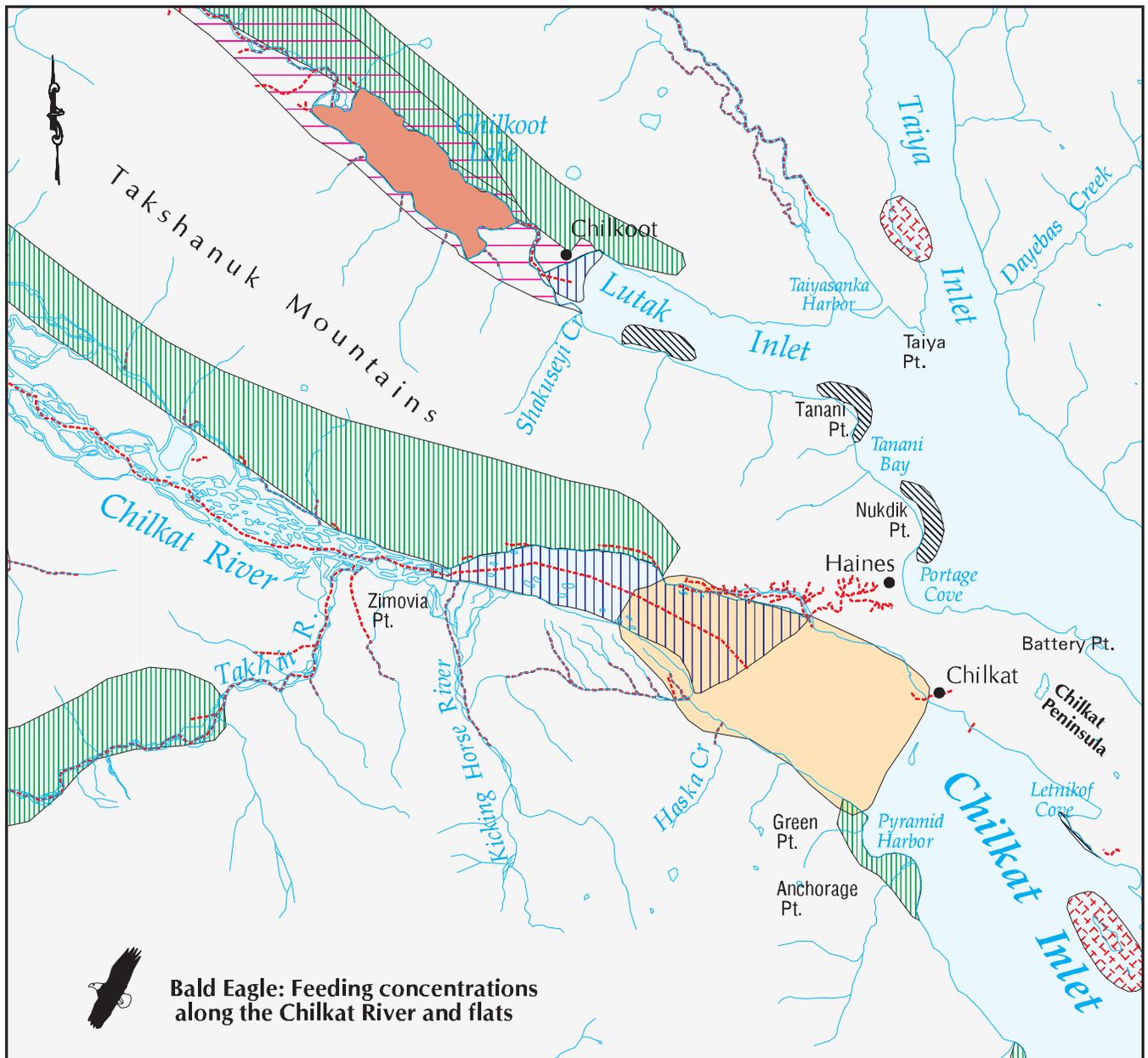
-  Waterfowl/Shorebird Spring and Fall Concentrations
-  Harbor Seal High Density Concentration Area (> 500 Seals)
-  Brown Bear Spring Concentrations
-  Brown Bear Concentrations Along Fish Streams
-  Eulachon Spawning Areas
-  Steller Sea Lion Haulout Concentration Area (> 500 sea lions)
-  Sea Lion Haulout
-  Seabird Colonies - Less Than or Equal To 10,000 Birds
-  Anadromous Streams



SOURCES: ADF&G 1985a,b; ADF&G 1996b; USFWS 1996; Harka and Lucey 2000; J. Jenison and K. Pitcher, ADF&G, sea lions pers. comm., 2000



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Habitat and Restoration Division
June, 2000



Bald Eagle: Feeding concentrations along the Chilkat River and flats

MESA60 CHILKAT RIVER FLATS LEGEND

- Waterfowl/Shorebird Spring and Fall Concentrations
- Black Bear Spring Concentrations
- Black/Brown Bear Concentration Areas Along Fish Streams
- Harbor Seal Haulout Concentrations (< 100 Seals)
- Eulachon Spawning Areas
- Herring Spawning Areas
- Anadromous Lakes
- Anadromous Streams



SOURCES: Research Planning Institute, Inc. 1992; ADF&G 1996b



State of Alaska
Department of Fish and Game
Habitat and Restoration Division
June, 1998

MESA61 MENDENHALL WETLANDS

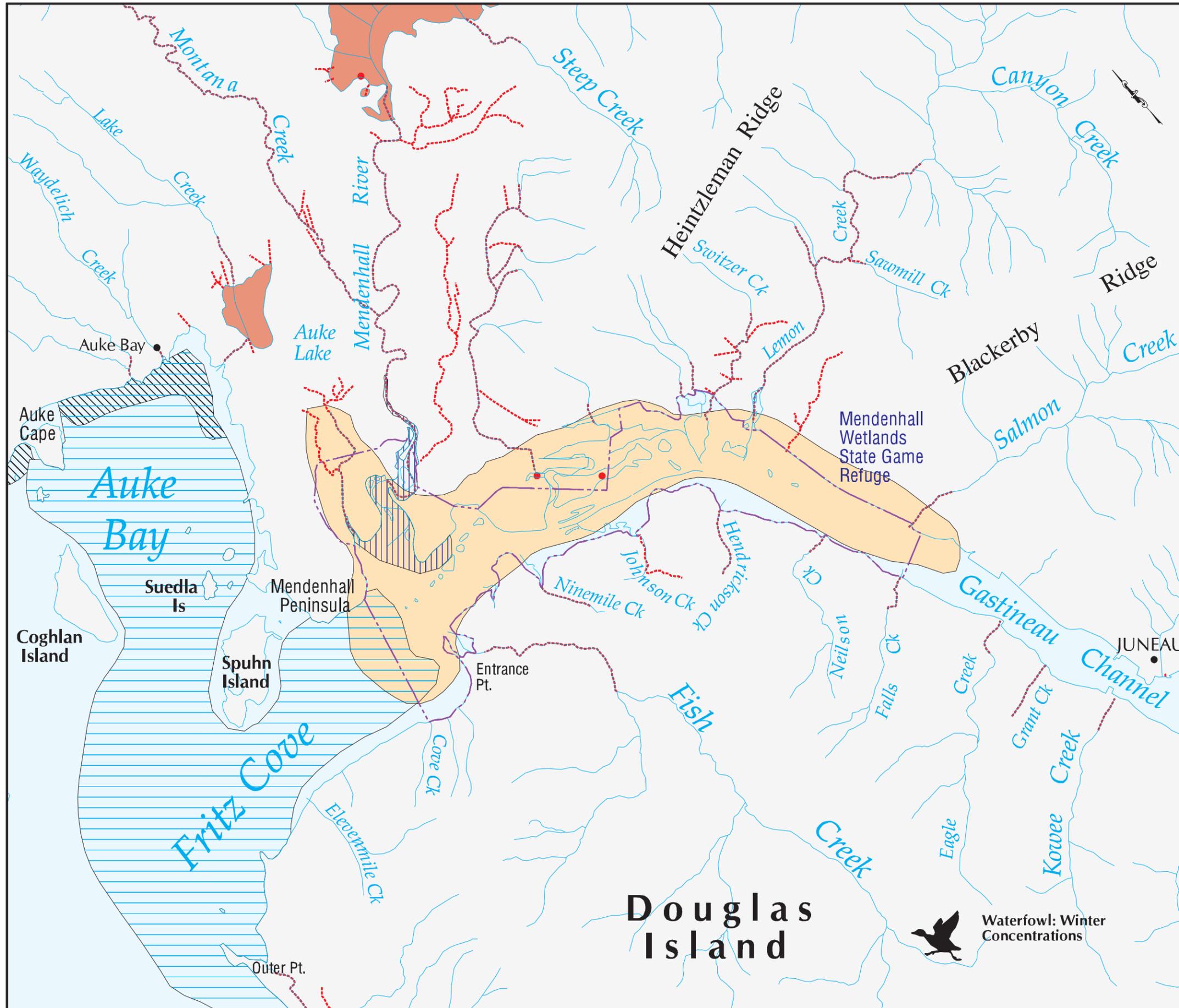
LEGEND

-  Waterfowl/Shorebird Spring and Fall Concentrations
-  Eulachon Spawning Areas
-  Herring Spawning Areas
-  Herring Wintering Areas
-  Anadromous Lake
-  Anadromous Streams
-  Seabird Colonies
Less Than or Equal To 10,000 Birds
-  Mendenhall Wetlands State Game Refuge Boundary

SOURCES: DF&G 1990b; Research Planning Institute, Inc. 1992; ADF&G 1996b; USFWS 1996



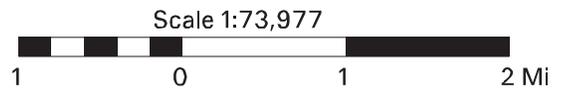
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Habitat and Restoration Division
June, 1998





MESA62 ST. LAZARIA ISLAND LEGEND

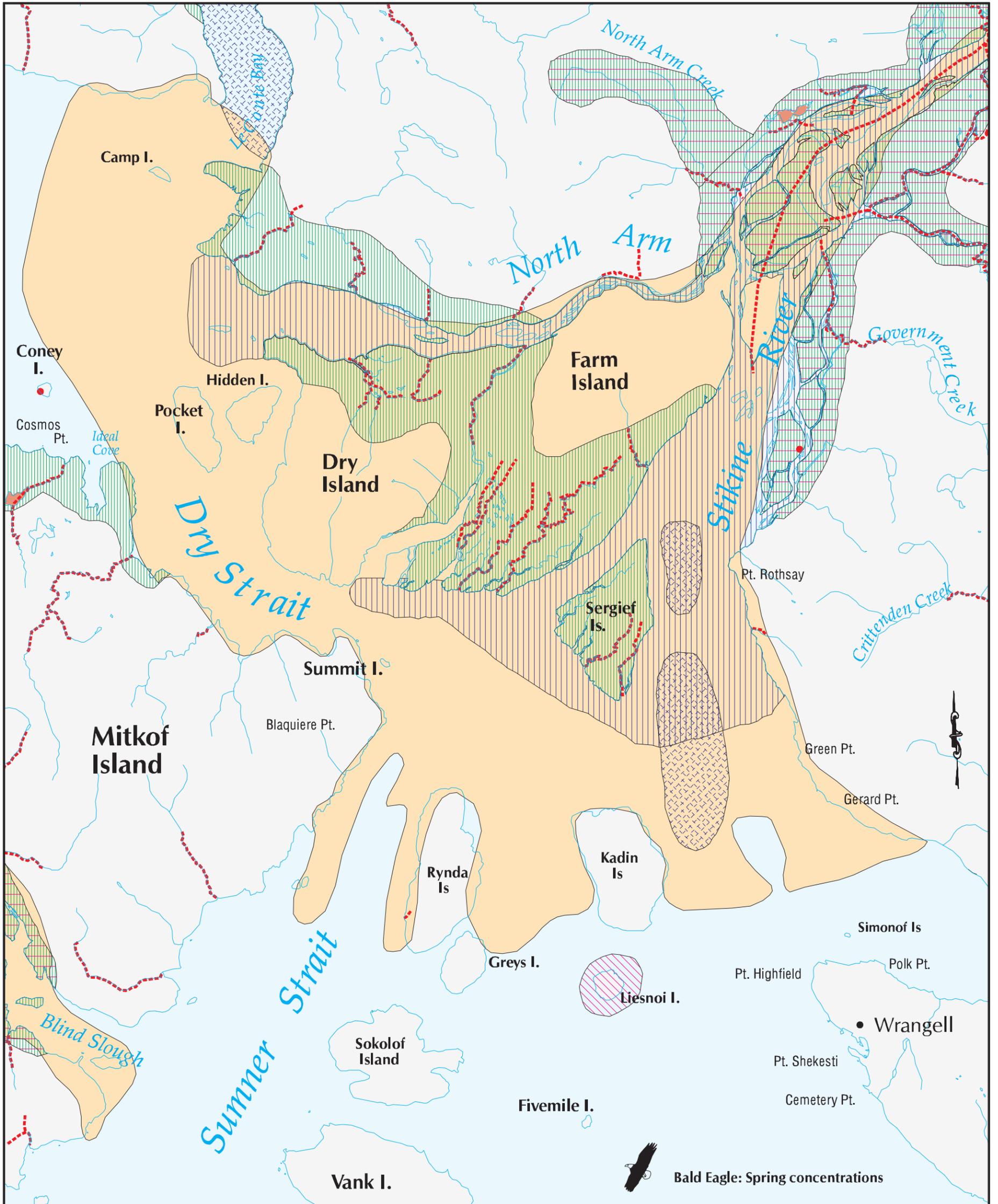
-  Harbor Seal Haulout Concentrations < 100
- Seabird Colonies
 -  10,000 - 100,000 Birds
 -  Greater Than 100,000 Birds
-  Anadromous Streams
-  Alaska Maritime National Wildlife Refuge



SOURCES: Research Planning Institute, Inc. 1995; ADF&G 1996b; USFWS 1996



State of Alaska
Department of Fish and Game
Habitat and Restoration Division
June, 1998



MESA63 - STIKINE RIVER FLATS

LEGEND

- Waterfowl/Shorebird Spring and Fall Concentrations
- Harbor Seal High Density Concentration Area (> 500 Seals)
- Sea Lion Haulout Concentration
- Brown/Black Bear Spring Concentrations
- Brown/Black Bear Concentrations Along Fish Streams
- Eulachon Spawning Concentrations
- Anadromous Lakes
- Anadromous Streams
- Seabird Colonies
- Less Than or Equal to 10,000 Birds

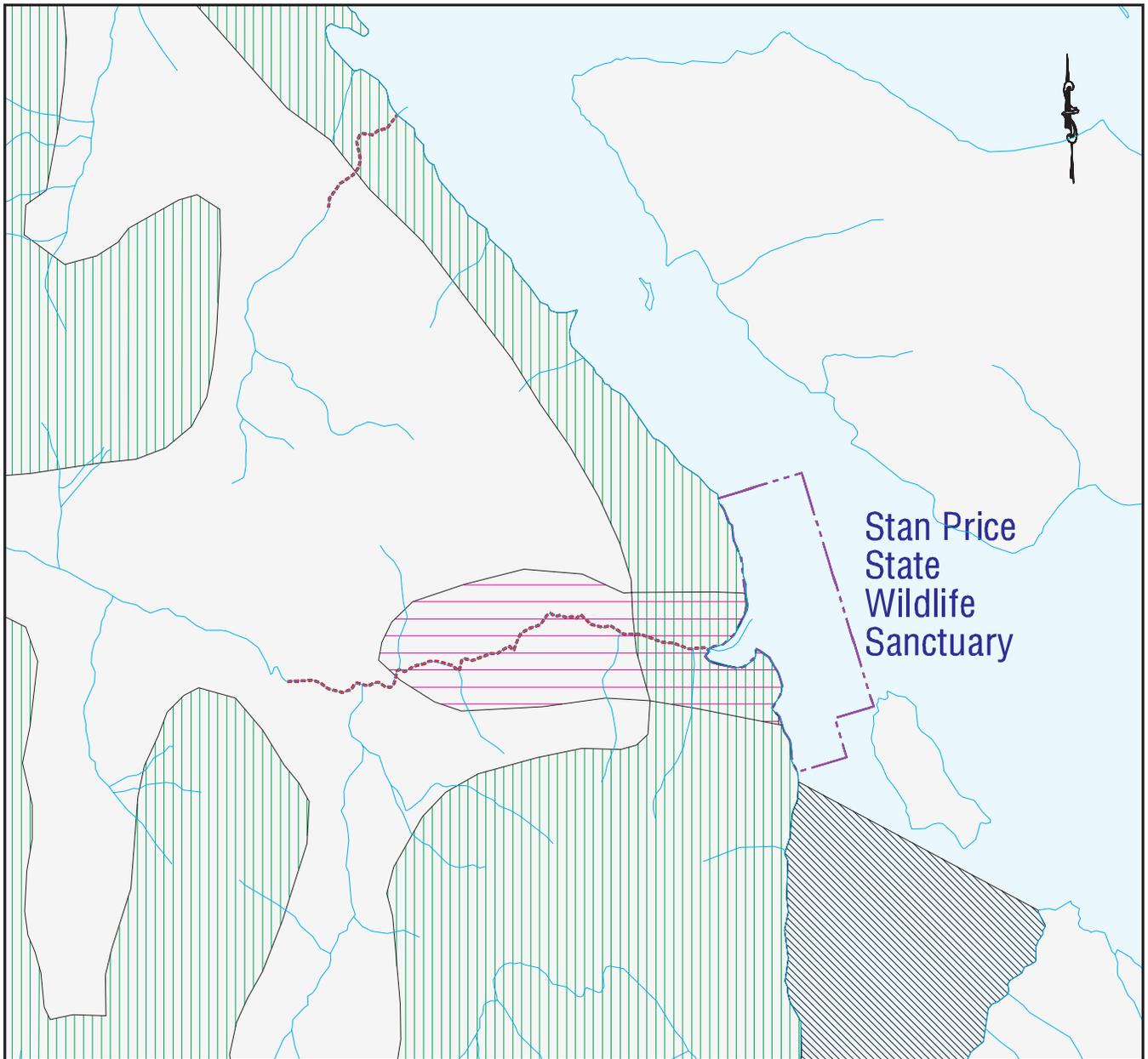
SOURCES: Research Planning Institute, Inc. 1992; ADF&G 1996b; USFWS 1996; D. McCallister and U. Swain, ADF&G, sea lion pers. comm., 1998; N. Barten, ADF&G, bald eagle pers. comm., 1999



State of Alaska
Department of Fish and Game
Habitat and Restoration Division
June, 2000



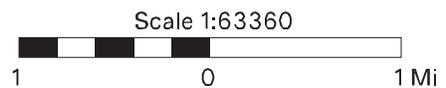
Bald Eagle: Spring concentrations



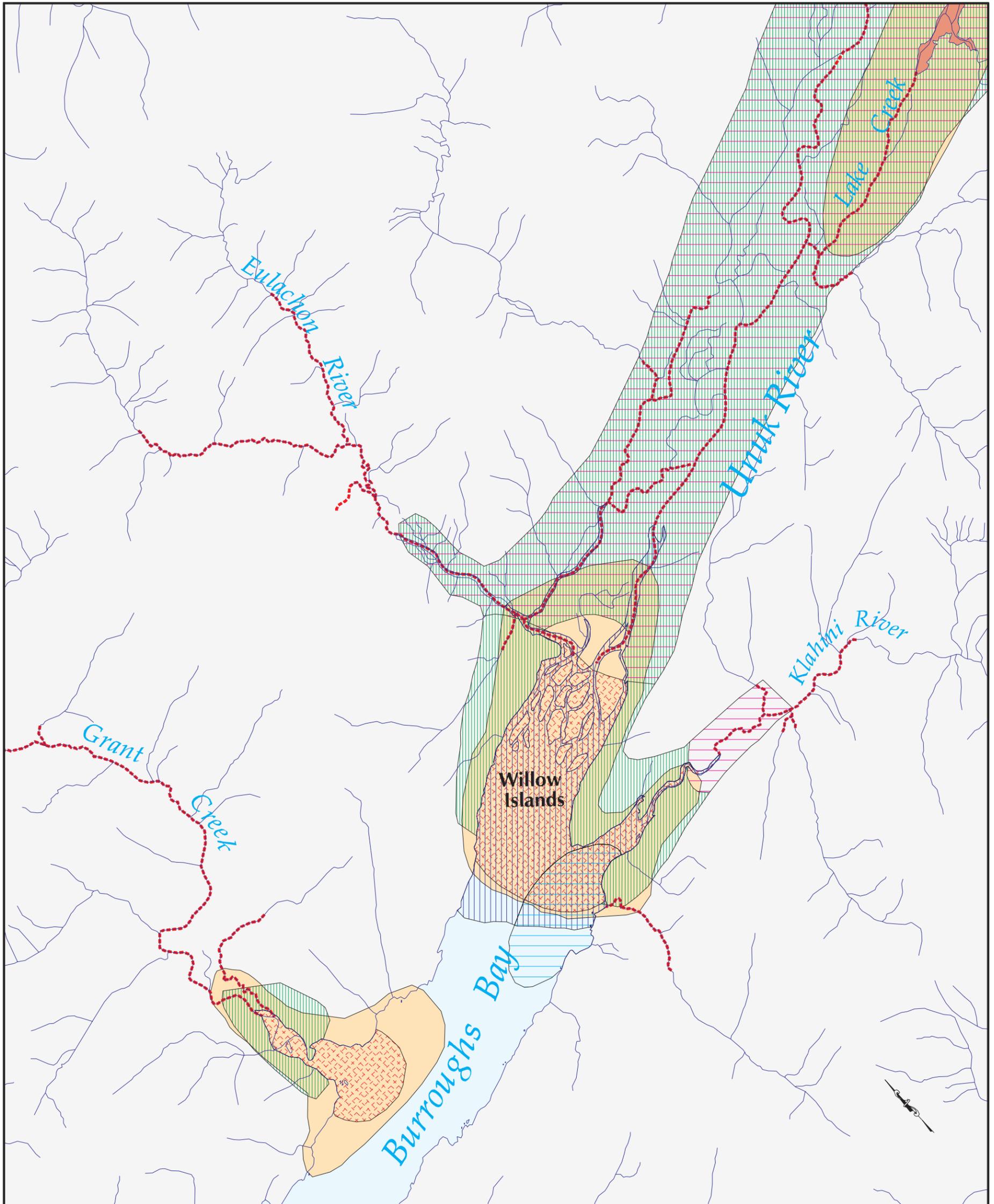
MESA64 MOUTH OF PACK CREEK LEGEND

-  Brown Bear Spring Concentrations
-  Brown Bear Concentrations Along Fish Streams
-  Herring Rearing Concentration Areas
-  Anadromous Streams
-  Stan Price State Wildlife Sanctuary Boundary

SOURCES: Research Planning Institute, Inc. 1992; ADF&G 1996b; C. Farrington, ADF&G, herring, pers. comm. 1999



State of Alaska
Department of Fish and Game
Habitat and Restoration Division
June, 2000

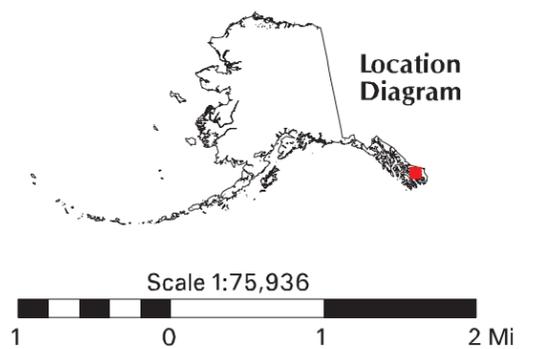


MESA65 - BURROUGHS BAY

LEGEND

- | | |
|--|--|
|  Waterfowl/Shorebird Spring and Fall Concentrations |  Eulachon Spawning Areas |
|  Harbor Seal Haulout Concentration < 100 |  Herring Wintering Concentrations |
|  Brown/Black Bear Spring Concentrations |  Anadromous Lakes |
|  Brown/Black Bear Concentrations Along Fish Streams |  Anadromous Streams |

SOURCES: Research Planning Institute, Inc. 1995; ADF&G 1996b; E. Crain, ADF&G, brown and black bear pers. comm., 1997; D. House and P. Doherty, ADF&G, salmon pers. comm., 1997

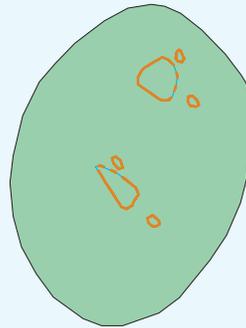


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June, 1998

Christian Sound



Hazy Islands



Pacific

Ocean



**MESA66
HAZY ISLANDS
LEGEND**

 Sea Lion Rookery

Seabird Colonies

• Less Than or Equal To 10,000 Birds

 Alaska Maritime National Wildlife Refuge



Location Diagram

Scale 1:63,360



SOURCES: Research Planning Institute, Inc. 1992; USFWS 1996; D. McCallister and U. Swain, ADF&G, sea lion pers. comm., 1998



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Department of Fish and Game
Habitat and Restoration Division
June, 1998

MESA67 CORONATION ISLAND

LEGEND

 Sea Otter Concentration Areas

 Sea Lion Rookeries

 Anadromous Streams

Seabird Colonies

• Less Than or Equal to 10,000 Birds

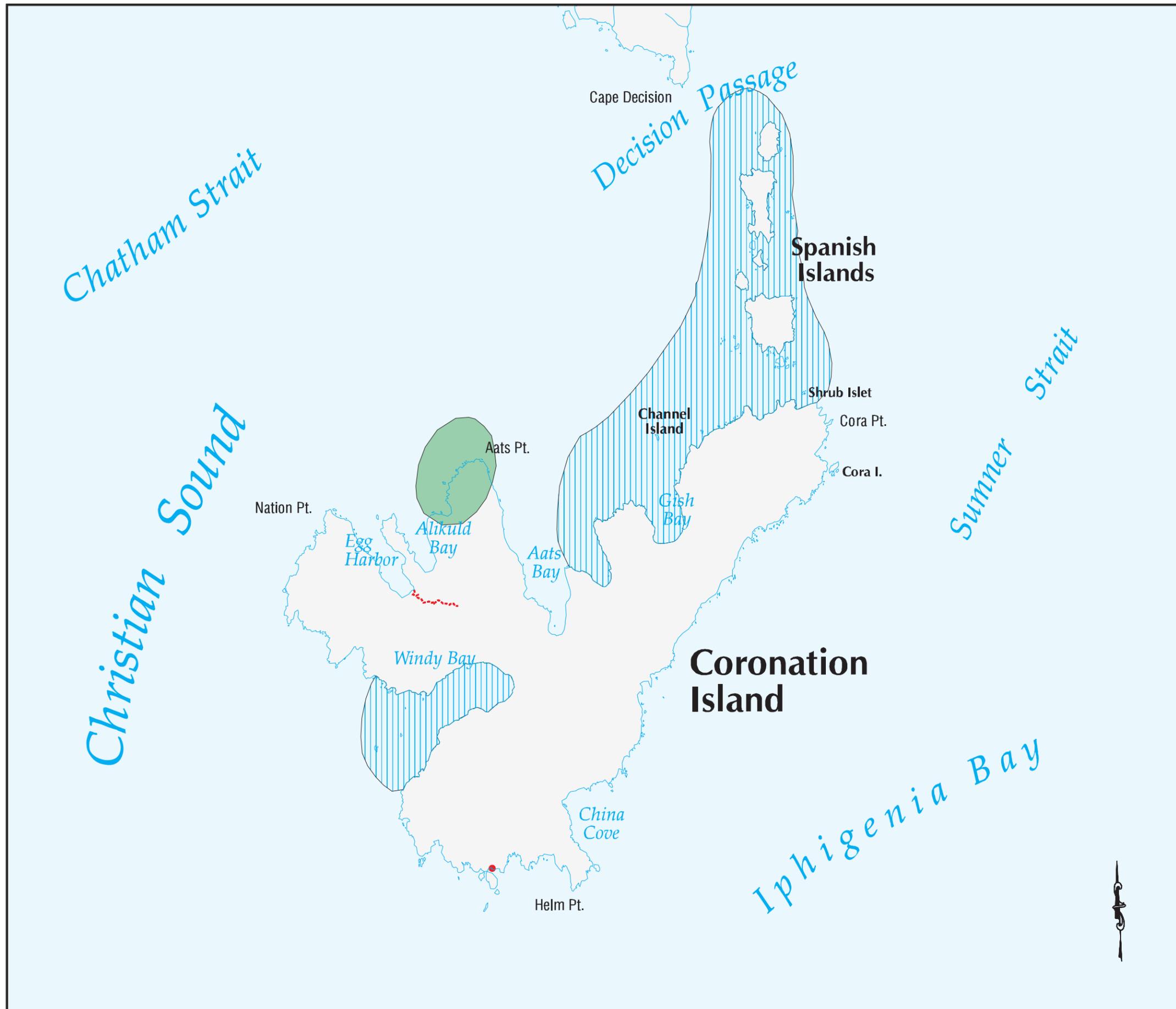
SOURCES: Research Planning Institute, Inc. 1992; ADF&G 1996b; USFWS 1996; D. McCallister and U. Swain, ADF&G, sea lion pers. comm., 1998

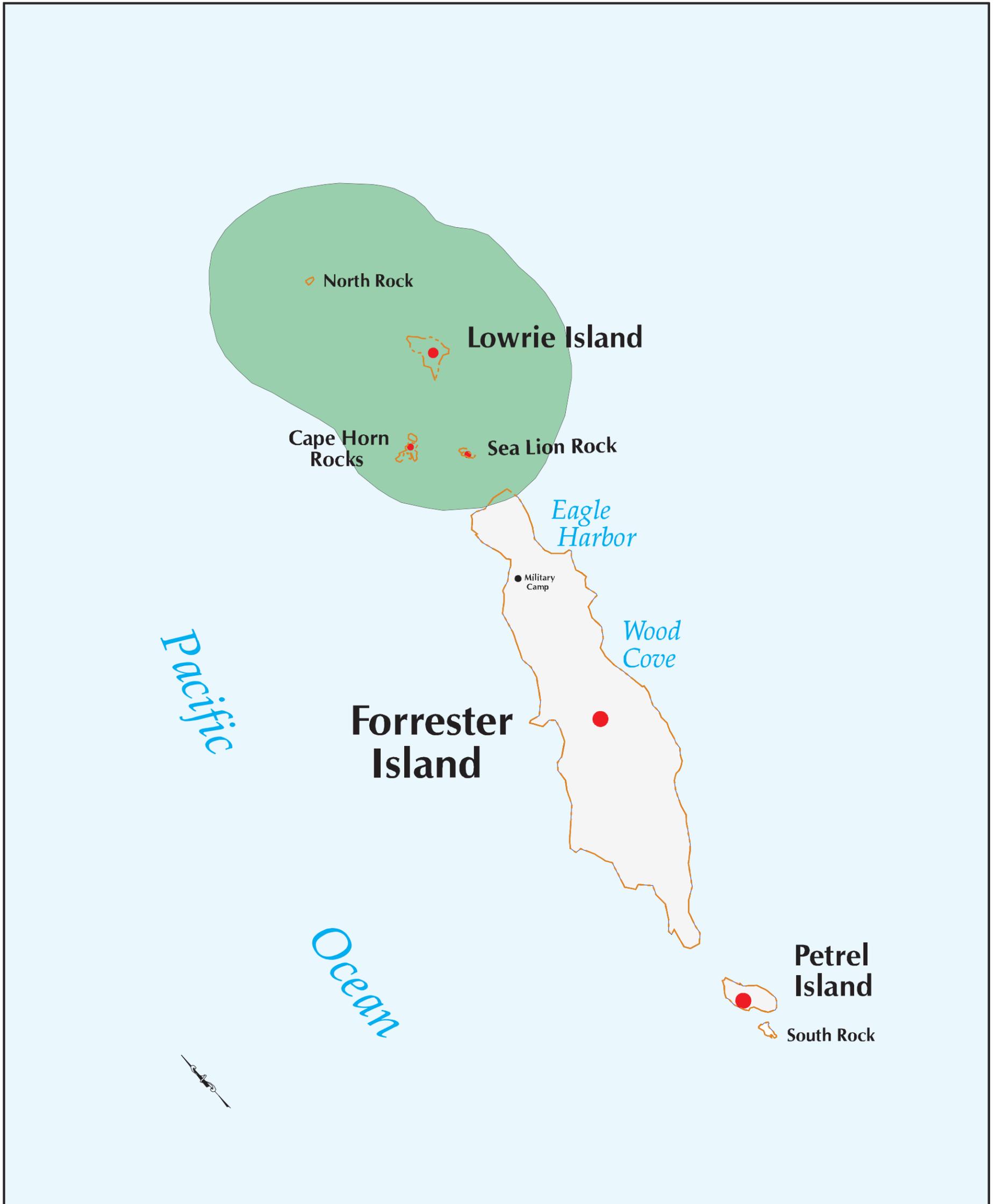


Scale 1:106861



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June, 1998





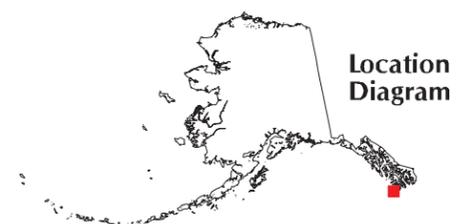
MESA68 FORRESTER ISLAND

LEGEND

- Seabird Colonies
- Less Than or Equal to 10,000 Birds
 - 10,001 - 100,000 Birds
 - Greater Than 100,000 Birds

 Sea Lion Rookery

 Alaska Maritime National Wildlife Refuge



Scale 1:63360
 1 0 1 Mi

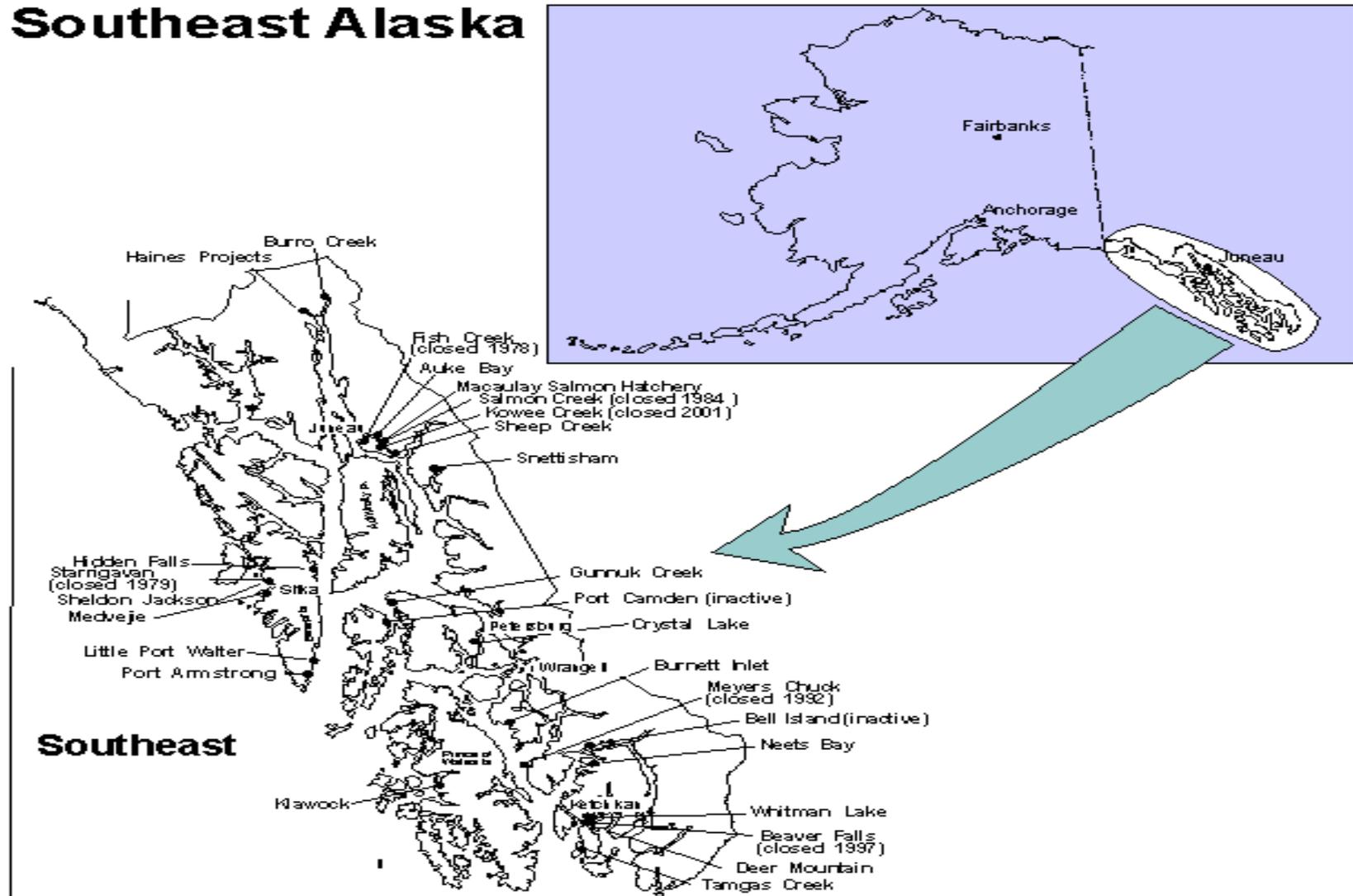
SOURCES: Research Planning Institute, Inc. 1995; USFWS 1996; D.McCallister and U. Swain, ADF&G, sea lion pers. comm., 1998



State of Alaska
 Department of Fish and Game
 Habitat and Restoration Division
 June, 1998

Fish Hatcheries	
Operator, Hatchery, City, Phone	Species
Southern Southeast Regional Aquaculture Association:	
Whitman Lake Hatchery, Ketchikan (225-2635)	chum, coho, chinook and sockeye
Beaver Falls Hatchery, Ketchikan (225-9605)	sockeye and coho
Neets Bay Hatchery, Ketchikan (247-8790)	chum, coho and chinook
Crystal Lake Hatchery, Petersburg, 772-4772	chinook, coho and steelhead
Burnett Inlet Hatchery, Wrangell (874-2250)	pink, chum, coho, and chinook
American Aquaculture Corp.:	
Bell Island Hatchery (not operational), Ketchikan, (214-363-2070)	chinook, coho, and steelhead trout
Ketchikan Tribal Hatchery Corp.:	
Deer Mountain Hatchery, Ketchikan, (225-6760)	chinook, Coho, steelhead, and rainbow trout
Prince of Wales Hatchery Association:	
Klawock River Hatchery, Craig (755-2231)	coho, sockeye, and steelhead
Northern Southeast Regional Aquaculture Association:	
Hidden Falls Hatchery, Sitka, (788-3215)	chum, coho and chinook
Medvejie Creek Hatchery, Sitka (747-5863)	chum, coho, pink, and chinook
Port Camden Hatchery (no longer operational) Kuiu Island (747-6850)	chum
Haines Hatchery, Haines (766-3110)	chum and sockeye
Sheldon Jackson College Aquaculture Program:	
Sheldon Jackson Hatchery, Sitka (747-5209)	pink, chum, coho, chinook and steelhead
Douglas Island Pink and Chum, Inc.:	
Snettisham Hatchery, Douglas (586-3838, dial 11 at the tone)	sockeye
Gastineau Channel Hatchery, Juneau (463-5113)	pink, chum, coho, and chinook
Kowee Creek Hatchery, Juneau (463-5113)	steelhead trout
Sheep Creek Hatchery, Juneau (586-3663)	pink, chum and coho
Kake Nonprofit Fisheries Corp.:	
Gunnuk Creek Hatchery, Kake (789-2964)	pink, chum and coho
Burro Creek Farms:	
Burro Creek Hatchery, Skagway (983-2355)	pink, chum, coho, and chinook
Armstrong-Keta, Inc.:	
Port Armstrong Hatchery, Sitka (568-2228)	pink, chum, coho, and chinook
National Marine Fisheries Service and Alaska Department of Fish and Game:	
Little Port Walter Research Station Sitka (Marine Radio WRY8219)	chinook and steelhead (pen-reared)
Auke Creek Hatchery, Juneau, 586-3443	cutthroat trout and sockeye salmon

Locations of Hatcheries in Southeast Alaska



2. Aquaculture Sites

Several aquatic farms are currently operating in Southeast. Most are growing oysters, although there is also interest in blue mussels, scallops, and kelp. The number of farms may increase. The locations of currently permitted farms are indicated on the following map.

Aquatic farms are vulnerable to spill injury on a year-round basis since the organisms are continuously submerged in the water column or are being held intertidally. The timing of the harvest varies. For more information contact:

Aquaculture Coordinator
Alaska Department of Fish and Game
Juneau: 465-6150 Anchorage: 267-2279

Alaska Department of Environmental Conservation
Anchorage: 269-7638

Alaska Department of Natural Resources
Anchorage: 269-8546

Or see the internet at: <http://www.asgdc.state.ak.us/maps/cplans/se/se35aqua.pdf>

3. Historic Properties

The subarea contains a multitude of known and unidentified archaeological and historic sites. These sites are not identified here, in order to protect them from scavenging. Oil spills and hazardous substance releases may result in direct and/or indirect impacts to those sites. On-Scene Coordinators are responsible for ensuring that response actions take the protection of historic properties into account and that the statutory requirements for protecting them are met. Annex M of the Unified Plan outlines Federal On-Scene Coordinator responsibilities for protecting historic properties and provides an expedited process for compliance with Section 106 of the National Historic Preservation Act during the emergency phase of a response.

4. Subsistence and Personal Use Harvests

Subsistence-related uses of natural resources play an important role in the economy and culture of many communities in Southeast Alaska. A subsistence economy may be defined as follows:

...an economy in which the customary and traditional uses of fish, wildlife and plant resources contribute substantially to the social, cultural and economic welfare of families in the form of food, clothing, transportation and handicrafts. Sharing of resources, kinship-based production, small scale technology and the dissemination of information about subsistence across generational lines are additional characteristics.

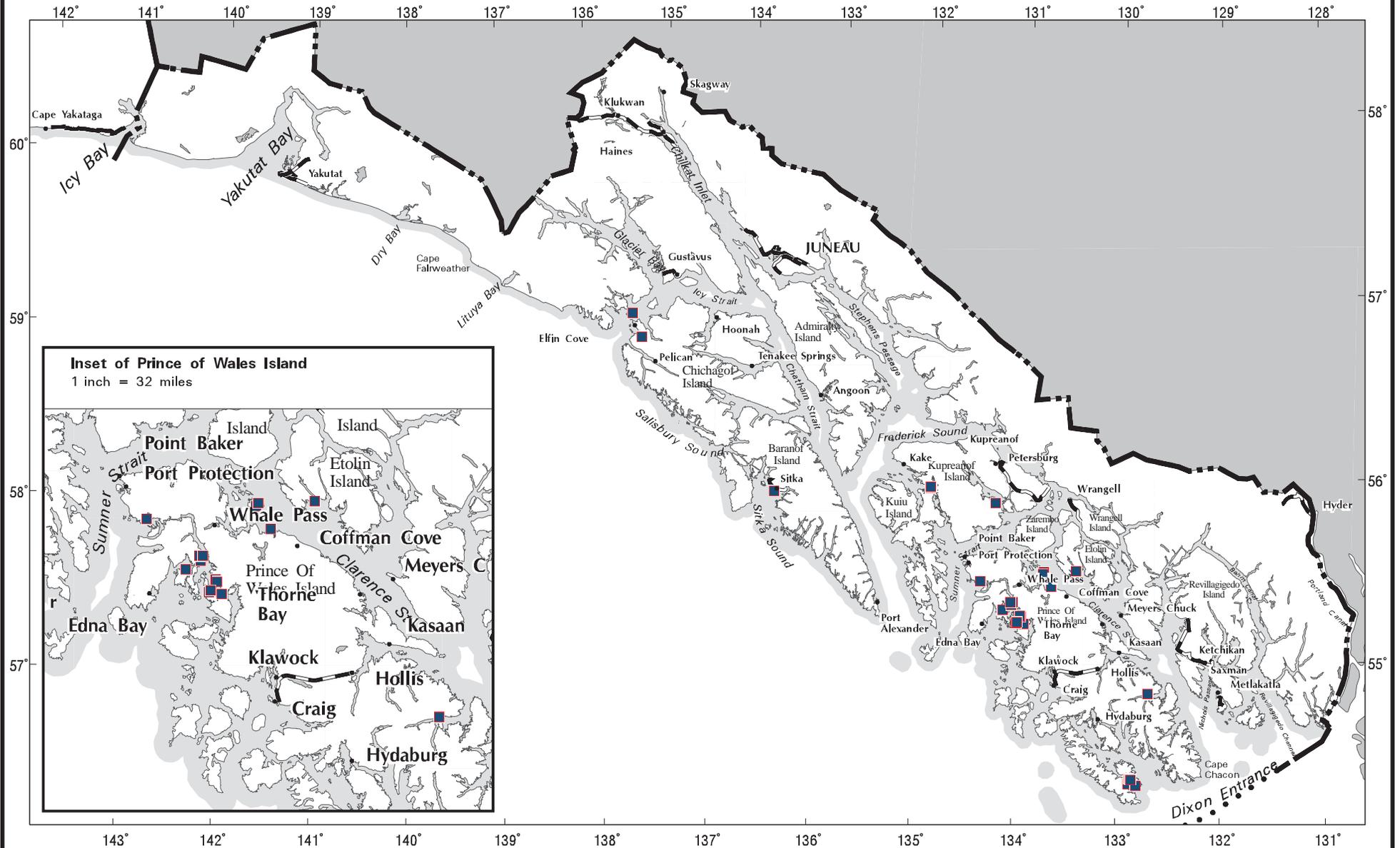
Before 1990, the State of Alaska made all decisions regarding the management of fish and wildlife resources and harvest opportunities. In 1990, however, Federal agencies became responsible for assuring a Federal subsistence priority on Federal public lands, and in 1999 on Federal reserved waters. The Federal Subsistence Board adopts subsistence regulations that are administered by various Federal agencies on Federal public lands. State regulations still apply on all lands, and the State is still the manager of fish and wildlife on all lands and waters in Alaska. As a consequence, the number of agencies involved in regulating subsistence uses has increased. Therefore, in the event of a spill, more extensive

Southeast Alaska

Contingency Plan Subarea with 2001 Aquatic Farms

1 inch = 55 miles

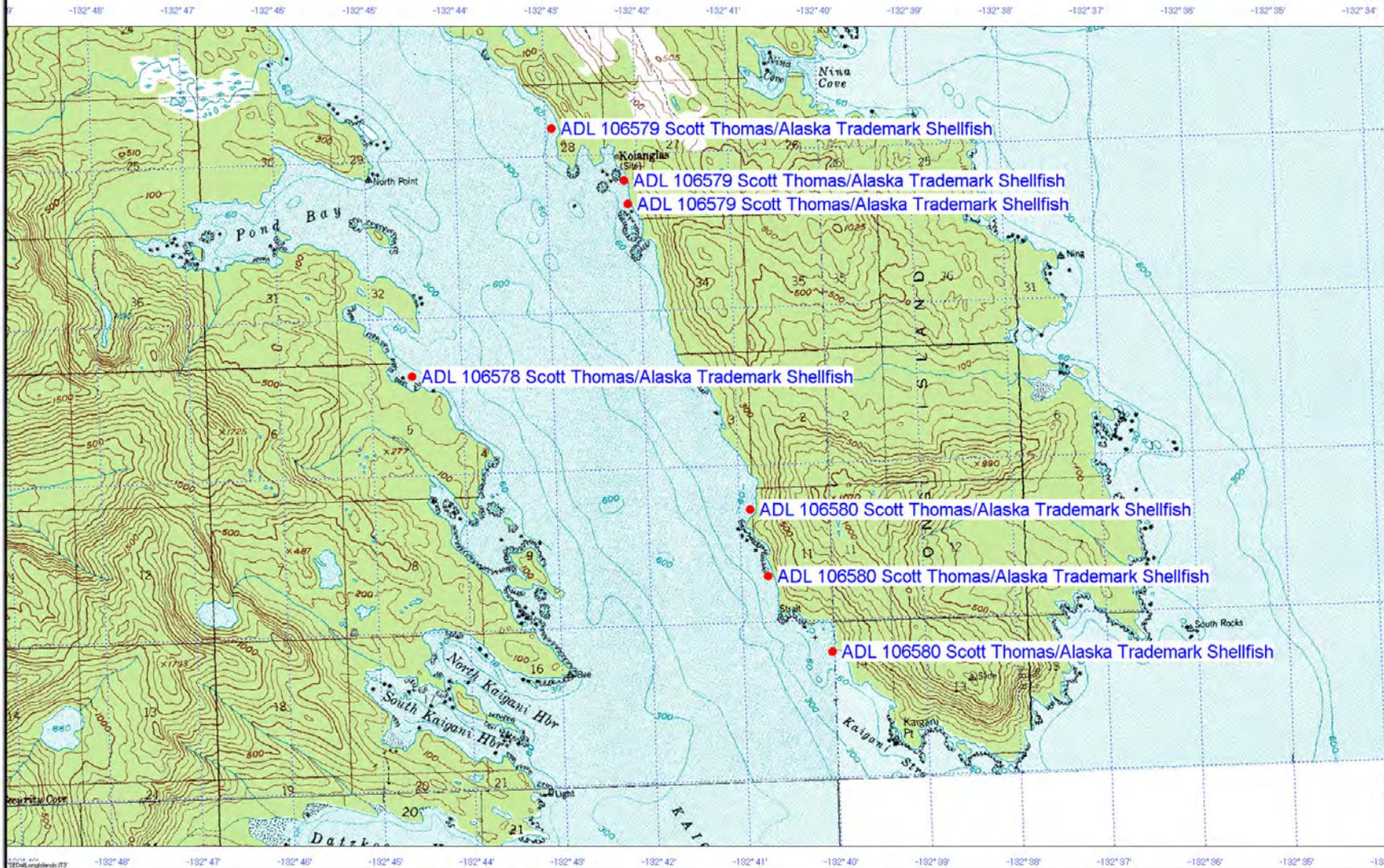
Source:
AK Department of Natural Resources
Division of Mining, Land and Water



Southeast Alaska Authorized Aquatic Farmsites (Alaska Department of Natural Resources)						
File Number	Customer Name Business Name	Address Phone	Acreage	Species	Mtrs* Lat/Long	Bay/Cove
105287	MUNHOVEN, DONALD	PO BOX 6335 KETCHIKAN AK 99901	2.78	OYSTERS	C067S083E15 560358- 1323317	UNNAMED BAY/MOSMAN ISLAND
105303	NICHOLSON, DON CANOE LAGOON OYSTER COMPANY	PO BOX 18062 COFFMAN COVE AK 99918 907-329-2253	6.4	OYSTERS	C066S081E28 560750- 1325329	CANOE LAGOON/FOO LS BAY, CLAM GULCH, WEST PASS
105308	PUGH, JR., JOHN KAHLI COVE SHELLFISH, LLC	BOX NKI #357 KETCHIKAN AK 99950 907-789-5866	4.22	OYSTERS	C068S079E31 559252- 1332590	CANOE LAGOON AND FOOLS BAY
105796	WILD, JAMES W. WILD'S ALASKAN SEAFARM	PO BOX 109 ELFIN COVE AK 99825 907-239-2222	1.86	OYSTERS	C043S056E29 580701- 1361759	PORT ALTHORP
105889	HARPER, PETE SEA OTTER SOUND SEAFOODS, INC.	PO BOX 347 NAUKATI AK 99950 907-789-2139	4.45	OYSTERS	C069S079E09 532473- 1331946	UNNAMED BAY/CAP- TUXEKAN ISLANDS
105899	LYLE, ALEXANDER EMILY ISLAND OYSTERS	BOX 1775 PETERSBURG AK 99833 907-772-4697	2.53	OYSTERS	C061S079E07 563543- 1330807	LITTLE DUNCAN BAY
106146	MOTTET, MADELON SOUTHEAST ALASKA BIORESEARCH	704 SAWMILL CREEK SITKA AK 99835 907-747-3862	6	OYSTERS	C056S063E02 570240- 1352200	WHITING HARBOR
106149	PAINTER, RODGER TENASS PASS SHELLFISH COMPANY	PO BOX 20704 JUNEAU AK 99802 907-463-3600	6.9	OYSTERS	C067S078E34 560231- 1331756	EL CAP PASS, KOSCIUSKO BAY, NORTH ISLAND
106252	HENDERSON, TOM PEARL OF ALASKA	PO BOX 505 KAKE AK 99830 907-723-2469	13.8	OYSTERS	C058S074E34 567963- 1337448	STEDMAN COVE
106258	BELK, DORIS J TOKEEN BAY SEAFOODS	PO BOX 358 CRAIG AK 99921 9078742687X23 55	3.79	OYSTERS	C068S078E07 555911- 1332445	UNNAMED BAY/MARBLE ISLAND
106571	LACROIX, STEPHAN SEA FARMS ALASKA/COHO COVE AQUAFARM	PO BOX 5686 KETCHIKAN AK 99901	6.48	GEODUCK	C 076S 092E 24 552721- 1313680	COHO COVE
106572	ZAUGG, GARY PAC ALASKA/SOUTH SYKES AQUAFARM	519 PITTENGER ST KETCHIKAN AK 99901	7.5	GEODUCK	C 077S 095E 27 551662- 1310840	SOUTH SYKES

Southeast Alaska Authorized Aquatic Farmsites (Alaska Department of Natural Resources)						
File Number	Customer Name Business Name	Address Phone	Acreage	Species	Mtrs* Lat/Long	Bay/Cove
106574	PAINTER, RODGER TENASS PASS SHELLFISH CO/EL CAPITAN PASSAGE AQUAFARM	PO BOX 20704 JUNEAU AK 99802 907-463-3600	4.06	LITTLENEC K CLAMS	C067S078E35 560122- 1332986	EL CAP PASS, LONGLINE, JINHI BAY
106575	MILLER, GRANT WHITING HARBOR AQUAFARM	PO BOX 6097 SITKA AK 99835	6.6	OYSTERS	C056S063E03 570459- 1353719	WHITING HARBOR
106576	MORIN, KURTIS ALASKA SHELLFISH AQUACULTURE PROJECT/APE PT AQUAFA	PO BOX 619 WARD COVE AK 99928	4.8	GEODUCK	C076S094E26 552412- 1310947	N OF APE PT.
106577	MORIN, KURTIS ALASKA SHELLFISH AQUACULTURE PROJECT/PT ALAVA	PO BOX 619 WARD COVE AK 99928	6.45	GEODUCK	C 077S 095E 07 552004- 1311660	PORT ALAVA
106583	KLINKERT, GEORGE SWEETWATER EAFOODS/SHAKA N BAY AQUAFARM & NURSERY	BOX 75WWP WHALE PASS AK 99950 907-487-2592	1.66	LITTLENEC K CLAMS	C065S077E32 561825- 1335403	SHAKAN BAY
106584	MUNHOVEN, DON ROCKY BAY OYSTERS/MOSEM AN INLET AQUAFARM	PO BOX 6335 KETCHIKAN AK 9990907- 225-5328	7.53	OYSTERS	C067S083E03 560512- 1323326	MOSMAN INLET
106585	NEMECEK, KAREN INIAN ISLAND AQUAFARM	PO BOX 64 ELFIN COVE AK 99825	2	OYSTERS	C041S055E36 582652- 1363290	INIAN ISLAND
106834	MANNING, THOMAS KRESTOF CLAM COMPANY	622 HEMLOCK WAY JUNEAU AK 99801 907-463-3431	1	GEODUCK	C054S062E03 572106- 1355426	KRESTOF SOUND
106835	MANNING, THOMAS KRESTOF CLAM COMPANY	622 HEMLOCK WAY JUNEAU AK 99801 907-463-3431	1	GEODUCK	C037S063E25 586360- 1349478	BRIDGET COVE
106836	ROULSTON, SUSAN	BOX 53 PT BAKER AK 99927 907-559-2222	1	LITTLENEC K CLAMS	C064SR75E2 6 562854- 1336554	LABOUCHERE BAY
106843	PUGH, JR., JOHN KAHLI COVE SHELLFISH LLC	BOX NKI #357 KETCHIKAN AK 99950 907-321-0844	2	LITTLENEC K CLAMS	C068S078E36 559283- 1332525	KAHLI COVE

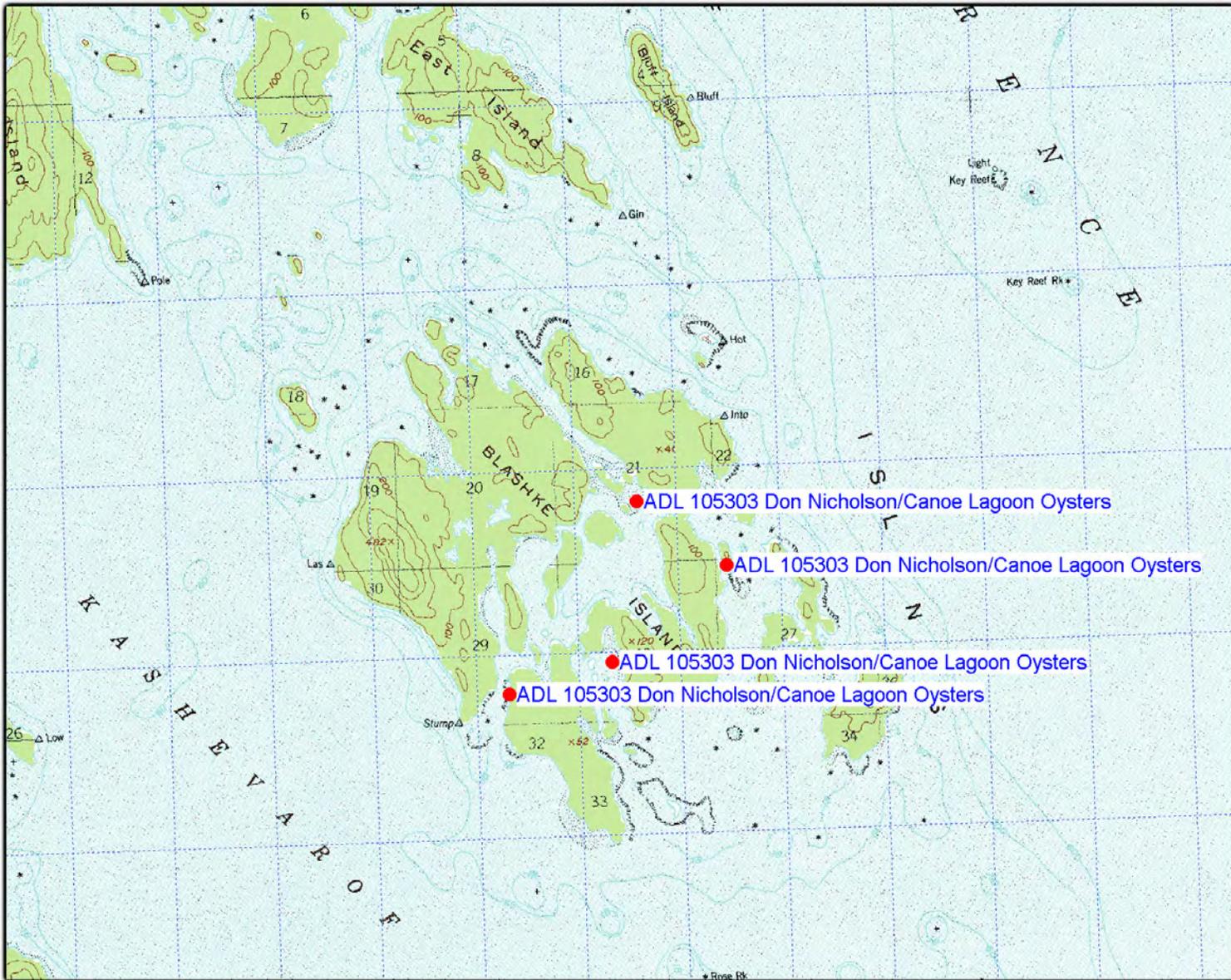
Southeast Alaska Authorized Aquatic Farmsites (Alaska Department of Natural Resources)						
File Number	Customer Name Business Name	Address Phone	Acreage	Species	Mtrs* Lat/Long	Bay/Cove
106844	BAKKER, CORNELIUS	PO BOX 282 OLYMPIA WA 98507 360-791-2833	8.6	GEODUCK	C078S095E14 551004- 1310555	SLATE ISLAND
106845	BAKKER, CORNELIUS	PO BOX 282 OLYMPIA WA 98507 360-866-7159	1	GEODUCK	C075S089E34 553284- 1318637	GRAVINA ISLAND
106848	ZAUGG, GARY PAC ALASKA	519 PITTENGER ST KETCHIKAN AK 99901 907-225-5566	5.1	GEODUCK	C075S089E27 553319- 1318635	GRAVINA ISLAND
106850	LACROIX, STEPHEN SEA FARMS ALASKA	PO BOX 5686 KETCHIKAN AK 99901	5.4	GEODUCK	C 075S 089E 34 553253- 1318658	GRAVINA ISLAND
106991	WYATT, ERIC BLUE STARR ALASKAN OYSTERS	PO BOX NKI #441 KETCHIKAN AK 99950 907-594-6334	0.95	OYSTERS	C068S078E05 560019- 1333797	TOKEEN BAY
106994	KING, ART NAUKAT WEST HOMEOWNERS ASSOC.	PO BOX NKI #1 KETCHIKAN AK 99950 907-629-4266	0.08	FLUPSY	C069S080E19 558695- 1332160	TUXEKAN NARROWS
107001	LACROIX, STEPHEN SEA FARMS ALASKA	PO BOX 5686 KETCHIKAN AK 99901 907-247-5687	3.88	GEODUCK	C077S094E14 551936- 1312150	PT ALAVA #1
107002	MORIN, KURT ALASKA SHELLFISH AQUACULTURE PROJECT	PO BOX 619 WARD COVE AK 99928 907-247-4865	3.5	GEODUCK	C076S092E23 552634- 1313916	COHO COVE
107060	WILKINSON, LAWRENCE KAGUK GEMS	BOX 19192 THORNE BAY AK 99919 907-629-4305	1	OYSTERS	C071S079E03 554421- 1331713	KAGUK COVE
107075	LACROIX, STEPHEN SEA FARMS LLC	PO BOX 5686 KETCHIKAN AK 99901 907-247-5687	4.71	GEODUCK	C077S094E14 551957- 1312165	PT ALAVA #2
107077	LACROIX, STEPHEN SEA FARMS LLC	PO BOX 5686 KETCHIKAN AK 99901 907-247-5687	4.93	GEODUCK	C077S095E34 551527- 1310812	BLACK ISLAND
107126	REDFIELD, JAMES ETOLIN ENTERPRISES LLC	4306 FILLMORE ST SANTA CLARA CA 95054 408-567-8085	19	GEODUCK	C067S083E11 560747- 1325177	ETOLIN ISLAND
	TOTAL FILES:	35				*meridian, township, range, section



**Aquatic Farms
Dall Island and Long Island, Alaska
2001**

Produced by:
Alaska Department of Natural Resources
July 30, 2001

Southeast Region



**Aquatic Farms
Blashke Islands, Alaska
2001**

Produced by:
Alaska Department of Natural Resources
July 25, 2001

Southeast Region



ADL 105889, Site E, dock/ramp

ADL 105889, Site F, workraft

ADL 105889, Site G, hardening area

ADL 105889, Site C, hardening area

ADL 105889, Site D, intertidal culture

ADL 105889, Site B, suspended culture

ADL 105889 Sea Otter Sound Seafoods, Inc.

Site A, suspended culture

133 deg 19' 46.596" W 55 deg 53' 24.733" N NAD 83



ADL 106574 Tenass Pass Shellfish Co
intertidal culture - 133° 16' 19.114" W, 55° 52' 49.030" N NAD83

ADL 106574 Tenass Pass Shellfish Co
intertidal culture - 133° 15' 25.952" W, 55° 52' 44.538" N NAD83

ADL 106574 Tenass Pass Shellfish Co
intertidal culture - 133° 16' 24.263" W, 55° 52' 16.611" N NAD83

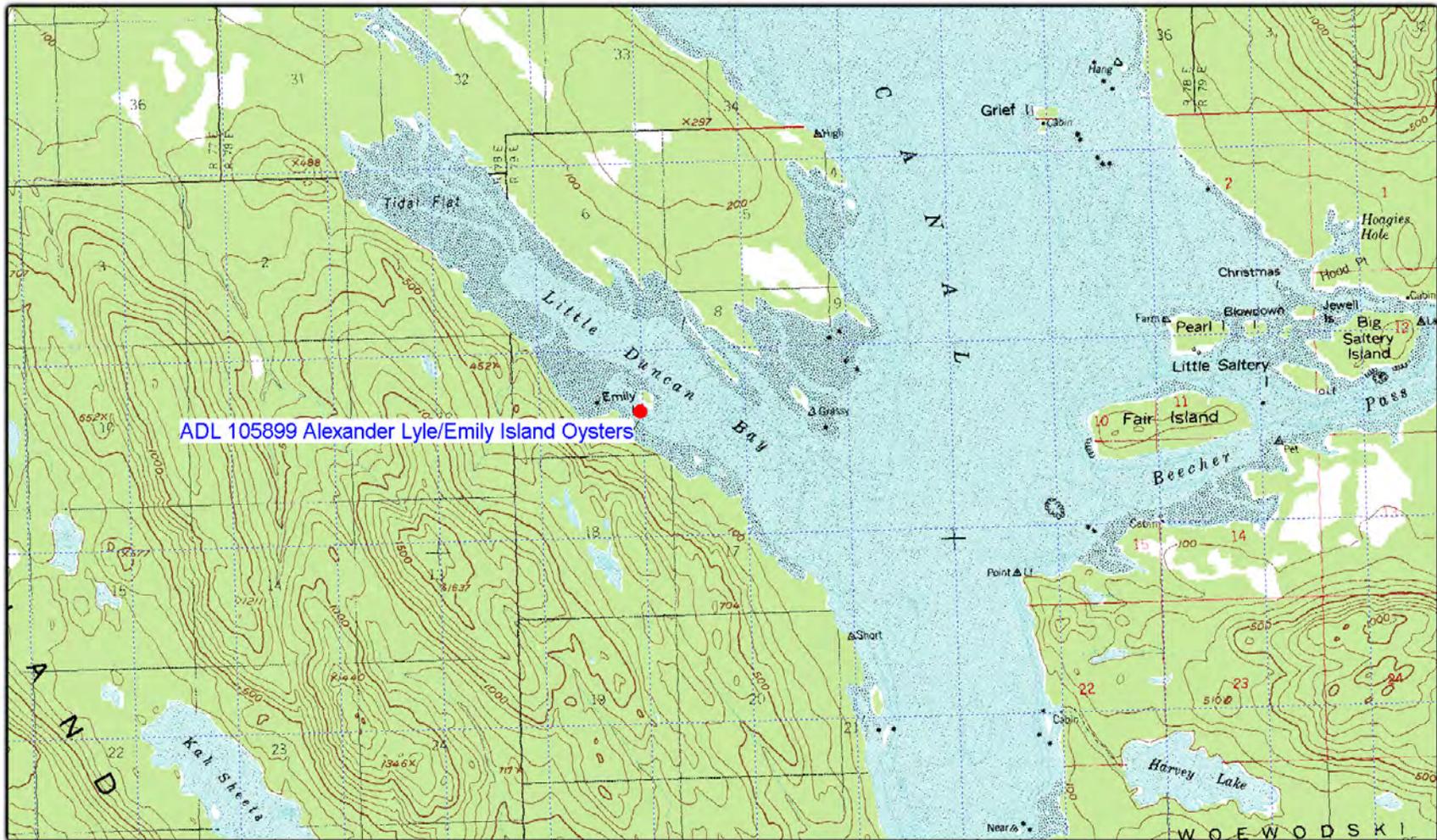
ADL 106574 Tenass Pass Shellfish Co
intertidal culture - 133° 15' 12.424" W, 55° 52' 32.268" N NAD83



**Aquatic Farms
Inian Islands, Alaska
2001**

Produced by:
Alaska Department of Natural Resources
July 25, 2001

Southeast Region



Aquatic Farms
 Little Duncan Bay, Alaska
 2001

Produced by:
 Alaska Department of Natural Resources
 July 25, 2001

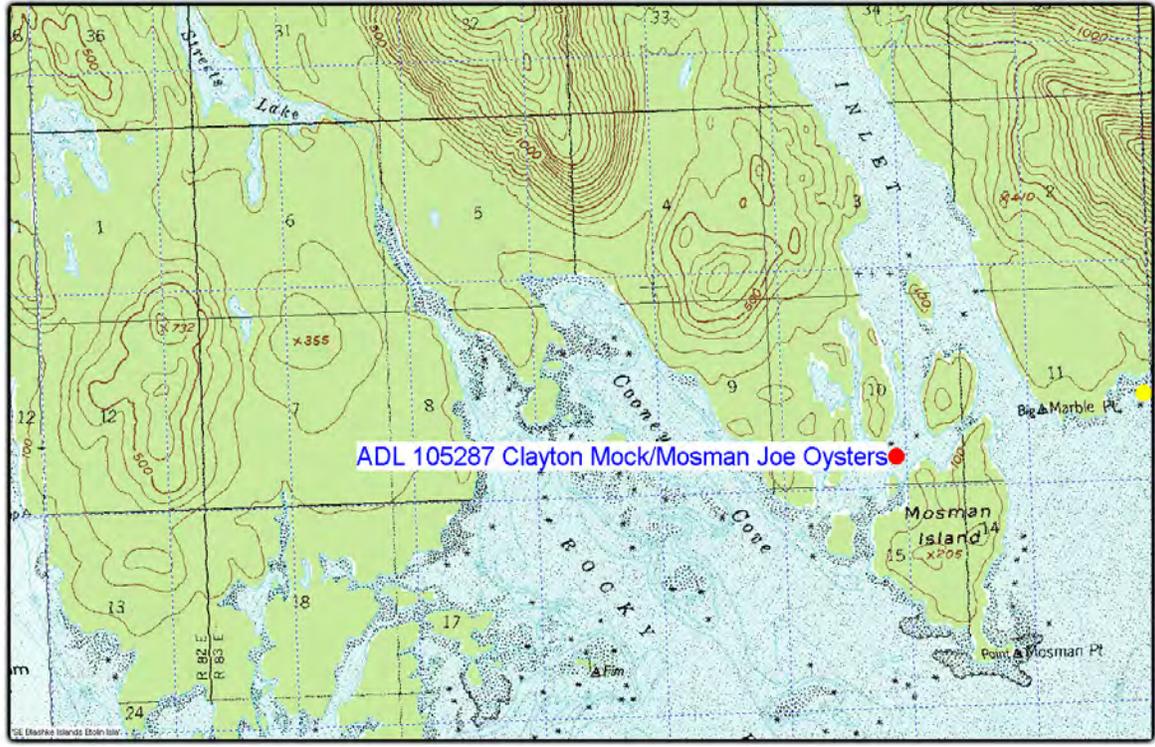
Southeast Region



Aquatic Farms
Marble Island, Alaska
2001

Produced by:
Alaska Department of Natural Resources
July 25, 2001

Southeast Region

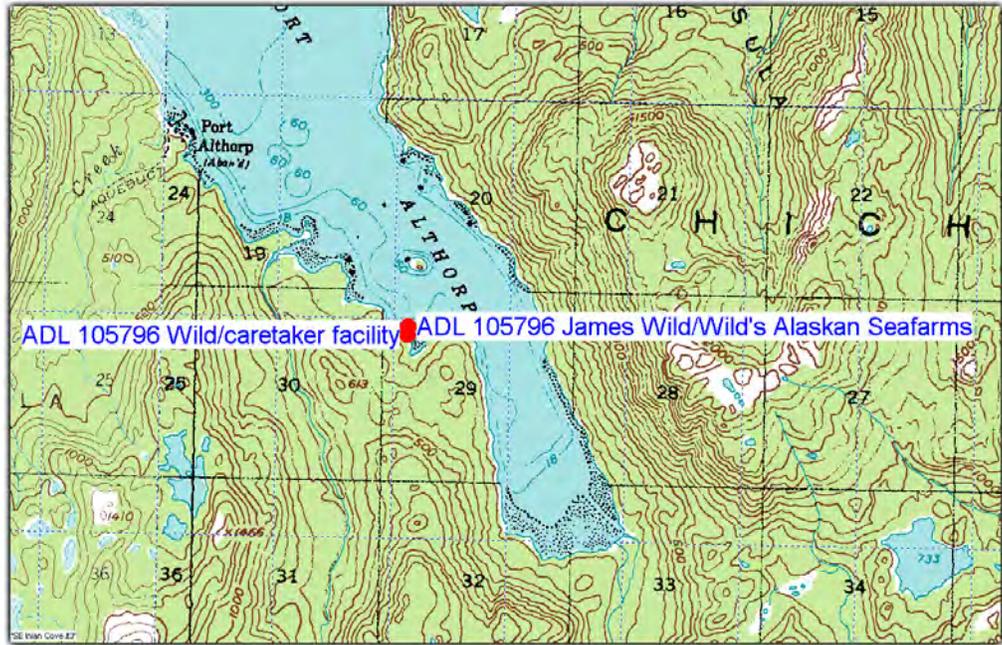


ADL 105287 Clayton Mock/Mosman Joe Oysters ●

Aquatic Farms Mosman Island, Alaska 2001

Produced by:
Alaska Department of Natural Resources
July 25, 2001

Southeast Region

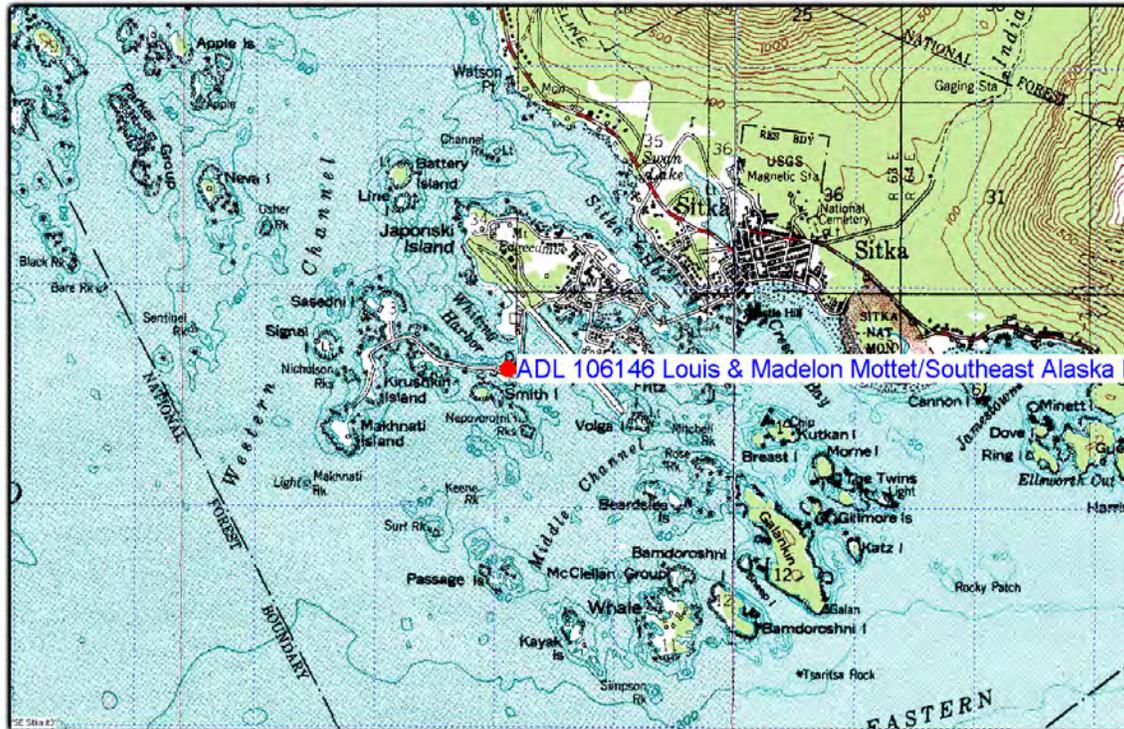


ADL 105796 Wild/caretaker facility ● ADL 105796 James Wild/Wild's Alaskan Seafarms

Aquatic Farms Port Althorp, Alaska 2001

Produced by:
Alaska Department of Natural Resources
July 25, 2001

Southeast Region



Aquatic Farms Sitka, Alaska 2001

Produced by:
Alaska Department of Natural Resources
July 25, 2001

Southeast Region



Aquatic Farms
 South Tenass and Kahli Cove, Alaska
 2001

Produced by:
 Alaska Department of Natural Resources
 July 25, 2001

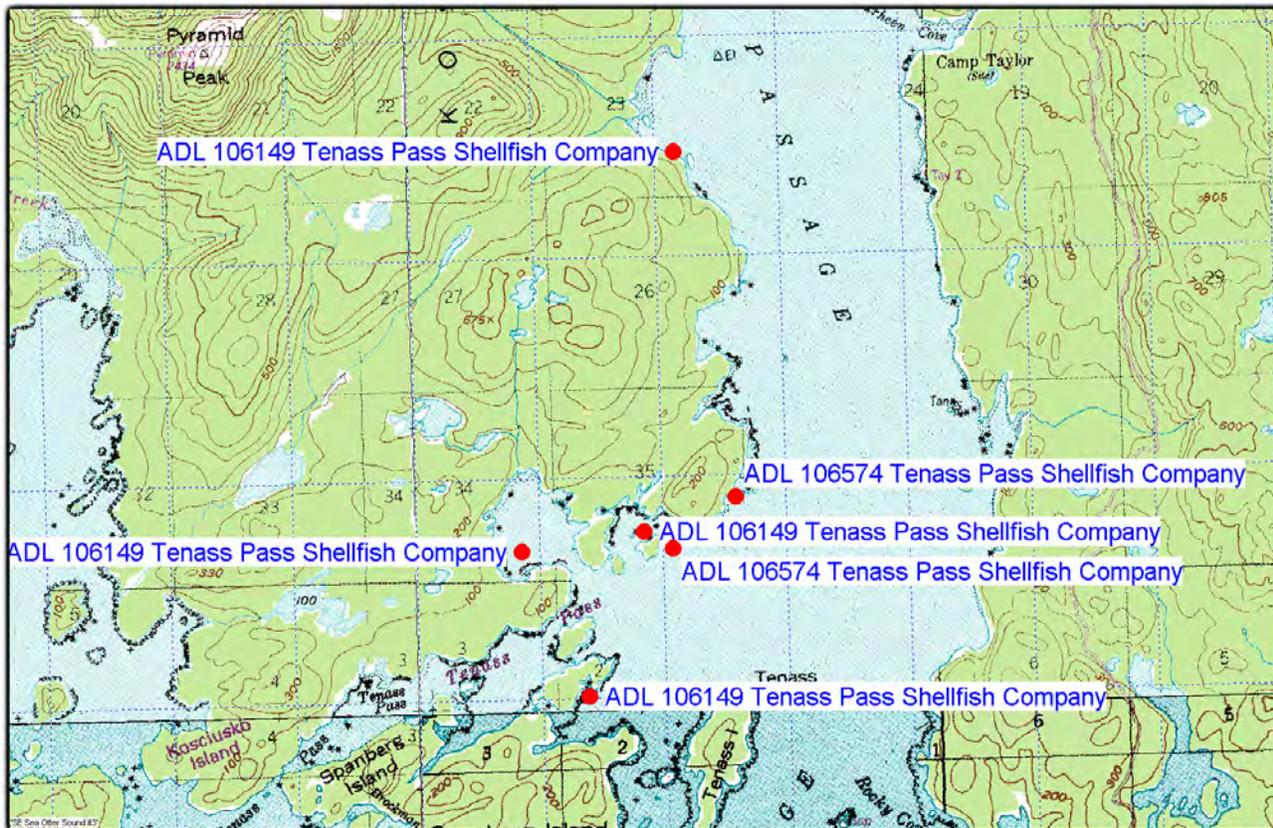
Southeast Region



Aquatic Farms
Sunny Cove, Alaska
2001

Produced by:
Alaska Department of Natural Resources
July 25, 2001

Southeast Region



Aquatic Farms
Tenass Pass, Alaska
2001

Produced by:
Alaska Department of Natural Resources
July 25, 2001

Southeast Region

coordination will be required in order to address subsistence resources. Regulations regarding subsistence harvest can also be expected to undergo regular modification. Current information on harvest regulations can be obtained from the Alaska Department of Fish and Game, Subsistence Division in Anchorage: 267-2353; or the U.S. Fish and Wildlife Service Office of Subsistence Management in Anchorage: 786-3888.

The National Marine Fisheries Service and the Alaska Native Harbor Seal Commission entered into a co-management agreement in 1999 to cooperatively manage harbor seal populations in Alaska. The purpose of the agreement was to set forth an operational structure for the conservation and management of harbor seals to maintain population levels that allow for sustainable subsistence use by Alaska Natives, while carrying out the goals of the Marine Mammal Protection Act to maintain harbor seals a significant functioning element of the ecosystem upon which they depend. This partnership and management structure relies on shared decision-making based on consensus to promote the sustained health of harbor seals, and to promote scientific research, identify and resolve conflicts, and provide information to harvesters and the public. During 1995-97, 3,750 harbor seals were harvested in Southeast Alaska. In 2000, 1,361 were taken, which was about 61% of the statewide total harvest. Harvest occurs year-round, with peaks during February-March and September-December.

The following charts showing seasonal rounds of activity, are included for several of the many rural subsistence-using communities in order to illustrate the species harvested and the times of year when harvesting occurs. This information can be used during a spill event in order to determine the communities threatened or impacted by the discharge, and the specific food sources at risk of contamination. Contacts for many potentially affected communities are identified in the Response Section, Part One.

Southeast Personal Use Harvest

Personal use harvests in Southeast Alaska may potentially* occur as follows:

Shrimp fishery	all year
Dungeness crab fishery	all year
Brown king crab fishery	all year
Red & blue king crab fishery	all year (west of Cape Spencer)
July 1-March 31 (east of Cape Spencer)	
Tanner crab fishery	all year
Clam fishery	all year
Abalone fishery	all year
Herring fishery	all year
Bottomfish fishery	all year
Halibut fishery	February 1-December 31
Smelt fishery	all year
Salmon fishery	all year (in most waters)

***NOTE:** All personal use fisheries occur under sport fishing regulations and may be opened or closed by emergency order, if Alaska Department of Fish and Game ascertains that conditions warrant such actions. Also, harvest regulations and seasons can change from year to year. The dates given above indicate periods when fisheries are commonly, but not always, open.

Yakutat Personal Use Harvest

Personal use harvests in the Yakutat region may potentially* occur as follows:

Shrimp fishery	all year
Dungeness crab fishery	all year
King crab fishery	all year
Tanner crab fishery	all year
Clam fishery	all year
Herring fishery	all year
Bottomfish fishery	all year
Halibut fishery	February 1-December 31
Smelt fishery	all year
Salmon set gill net fishery	July 1-September 30

***NOTE:** All personal use fisheries occur under sport fishing regulations and may be opened or closed by emergency order, if the Alaska Department of Fish and Game ascertains that conditions warrant such actions. Also, harvest regulations and seasons can change from year to year. The dates given above indicate periods when fisheries are commonly, but not always, open.

5. Commercial Fishing

The following tables provide seasonal information on the major commercial fisheries in the subarea. It must be remembered, however, that all fishing seasons are subject to emergency openings and closures. Most seasons are only open for a portion of the seasons specified in the regulations. Also, fishing regulations and seasons can change from year to year. Specific information on which species are currently being harvested may be obtained from the Alaska Department of Fish and Game's Division of Commercial Fisheries office in Juneau at 465-4250.

Maps of key commercial fishing areas are available in the following publications:

Alaska Department of Fish and Game. 1986. Alaska Habitat Management Guide Reference Maps, Southeast Region, Vols. 1 and 2.

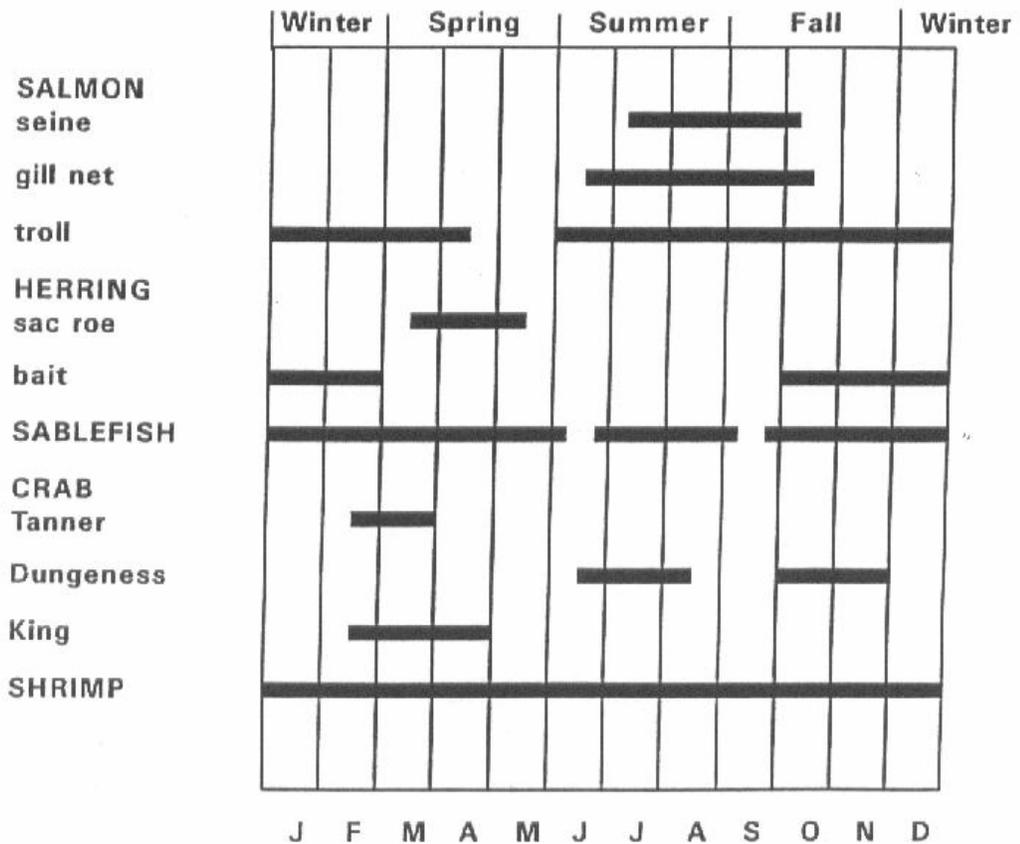
Research Planning Institute, Inc. 1993. Sensitivity of Coastal Environments and Wildlife to Spilled oil: Southeast Alaska. Vol. I and II.

Research Planning Institute, Inc. 1993. Geographic Information System database provided to NOAA's Seattle and Anchorage HAZMAT offices, which show species targeted in each mapped fishing area.

Salmon are the most important commercial species in the subarea, with pink salmon comprising the majority of the catch. Other profitable fisheries target herring; sablefish; Tanner, Dungeness and brown king crab; shrimp; and sea cucumbers.

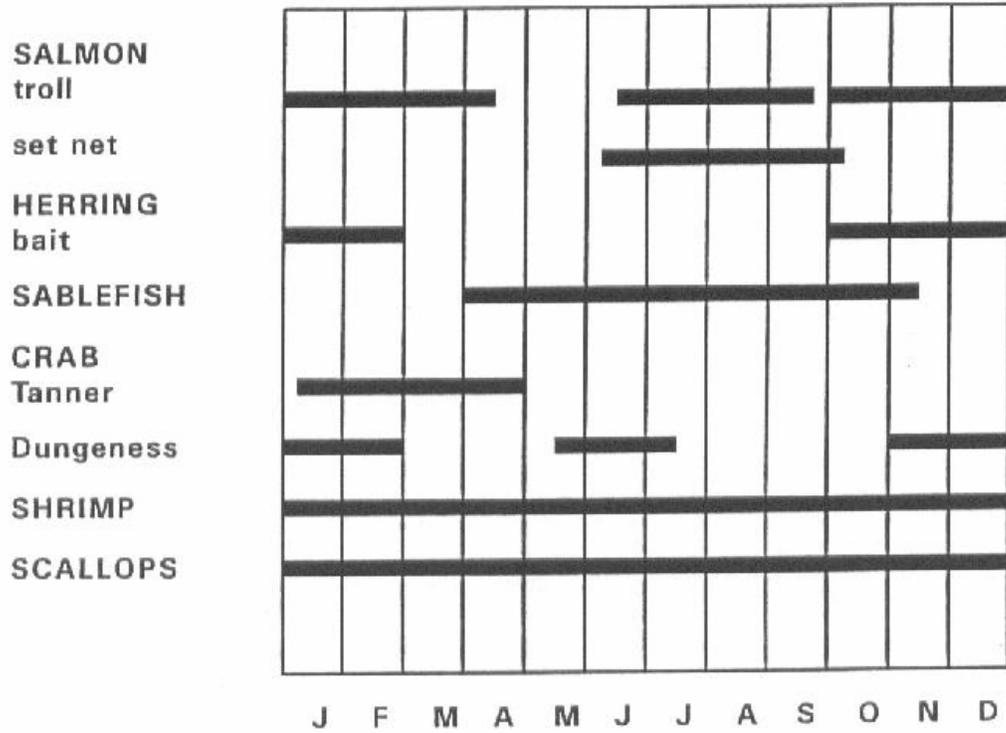
COMMERCIAL FISHING SEASONS

SOUTHEAST ALASKA



Times are approximate

COMMERCIAL FISHING SEASONS YAKUTAT AREA



Times are approximate

6. Sport Fishing and Hunting

Brown and black bears concentrate in coastal marshes from April to mid-June to feed on the newly emergent sedges and grasses. They are commonly hunted in these coastal areas during the spring hunting season, from mid-March to end of May. A high proportion of the bear hunts are by guided hunters. Oiled beaches could interfere with these guided hunts through general fouling of the coastline and possible impacts to bears from ingestion of oiled vegetation. Popular bear hunting areas also indicate areas with potential safety issues during response to an oil spill.

Sport fishing in marine waters occurs year-round for king salmon, Dolly Varden, rockfish, and shellfish. Sport fishing for halibut is closed during January. However, fishing pressure is greatest from May to October due to calmer waters, warmer weather conditions, and more abundant sport fish in nearshore waters. The most intensively fished areas are delineated in several documents listed in Part Six, Key References.

7. Recreational Sites and Facilities

(a) Parks, Picnic Areas, and Campgrounds

National Forests Recreational sites and facilities found throughout southeast Alaska on the Tongass National Forest have been mapped on the forest's Geographic Information System. For a variety of recreation maps and information for the Tongass, see the web site at: <http://www.fs.fed.us/r10/tongass/recreation/recreation.shtml>. A paper recreation map is also available (see back pocket of hard copy). For information contact:

Forest Supervisor, Tongass National Forest, KTN	228-6281
Admiralty National Monument, Juneau	586-8790 or 790-7472
Craig Ranger District, Craig	826-3271 or 826-1600
Hoonah Ranger District, Hoonah	945-3631 or 945-1209
Juneau Ranger District, Juneau	586-8800 or 790-7443
Ketchikan-Misty Fiords Ranger District, KTN	225-2148 or 228-4100
Petersburg Ranger District, Petersburg	772-3871 or 772-5900
Sitka Ranger District, Sitka	747-4218
Thorne Bay Ranger District, Thorne Bay	828-3304 or 828-3210
Wrangell Ranger District, Wrangell	874-2323 or 874-7500
Yakutat Ranger District, Yakutat	784-3359

National Parks

Glacier Bay National Park and Preserve contact: Superintendent, Gustavus, 697-2230. High use recreation areas are noted below.

Upper West and East Arms of Glacier Bay. Most popular destination for all park visitors, including cruise, tour, charter and private motorboats and kayaks.

Lower Glacier Bay, including Bartlett Cove and Berg Bay. Popular for sportfishing and boating due to proximity to park headquarters at Bartlett Cove.

Beardslee Islands. Second most popular destination for sea kayaks. Also popular for small motorboats.

Hugh Miller/Scidmore/Charpentier Inlets and Adams Inlet. Popular destination for small boats, including kayaks.

Marble Islands. Most popular tour and charter boat stop for watching seabirds.

Tour boat camper drop-off points. The park designates three points where the day tour boat drops-off kayakers and campers up-bay. The sites are normally rotated after two years to allow site impacts to heal. the oil spill coordinator could get the current sites from the park.

Dundas Bay. Most popular destination for small boats and kayaks outside Glacier Bay proper.

Dry Bay/Alsek River/East Alsek River. Most use of Dry Bay is related to commercial fishing - a set gillnet fishery in the East and Alsek rivers and along the beach either side of the mouth of both rivers. A large number (1,000+) of rafters also float the Alsek River, which is tidally influenced for at least 5 miles from the mouth.

Wrangell-St. Elias National Park and Preserve contact: Superintendent, Glennallen, 907/822-5235.

Sitka National Historic Park contact: Superintendent, Sitka, 907/747-6281.

Klondike Gold Rush National Historic Park contact: Superintendent, Skagway, 907/983-2921.

State Parks The following park units have significant ocean and beach frontage, and would be adversely affected by any oil or hazardous substance in the water:

Totem Bight State Historical Park, 12 acres, T74S, R90E, CRM. A small historic site with totems and a clan house that provides excellent roadside views of Tongass Narrows, located 12 miles north of Ketchikan on the highway.

Refuge Cove State Recreation Site, 13 acres, T74S, R90E, CRM. A small sandy beach area with heavy local community use, located about 10 miles north of downtown Ketchikan.

Settlers Cove State Recreation Site, 38 acres, T73S, R90E, CRM. A very popular sandy beach area for children and adults, located about 18 miles north of Ketchikan on the road system.

Petroglyph Beach State Historic Site, 7 acres, T62S, R83E, CRM. A small beach site with ancient petroglyphs in the sand, gravel and rocky shore, located within downtown Wrangell and often a destination for tours.

Halibut Point State Recreation Site, 22 acres, T65S, R63E, CRM. A small local community park with heavy use and extensive sandy and rocky beaches, within 5 miles of downtown Sitka.

Old Sitka State Historical Park, 264 acres, T65S, R63E, CRM. A boat launch and trail system are used extensively by locals and tourists, located within 10 miles of downtown Sitka.

Point Bridget State Park, 2800 acres, T37S, R63E, CRM. A large park with extensive beaches and rocky shores along Lynn Canal 39 miles north of Juneau on the road system. Two public cabins are available for use, and one is on the shoreline.

Chilkat State Park, 6,045 acres, T30, 31, 32S, R59,60E, CRM. A large peninsula 5 miles south of Haines on the road system with camping, boat launch and trails along rocky coast line with some beaches.

Eagle Beach State Recreation Area, 640 acres, T38 & 39S, R64E, CRM. A large estuarine system of beaches and rivers located 28 miles north of Juneau on the road system.

The following Marine Parks all have good anchorages, protected waters, and good landing beaches. All of the Marine Parks are to be included as a series of anchorages that stretch the full length of the Panhandle and connect with a similar system in British Columbia.

St. James Bay State Marine Park, 10,220 acres, T375 R62E CRM. This is a large bay with several islands, coves salmon streams, and an extensive area of tideflats. The bay supports a large population of shrimp and crab that are harvested commercially. There is also an associated harbor with only a narrow passage for entry. This harbor is the site of a large hatchery release of salmon. High use.

Sullivan Island State Marine Park, 2,163 acres, T34S R61E. This park is on the southern tip of Sullivan Island which has two important anchorages and several sandy beaches. Low use.

Chilkat Islands State Marine Park, 6,560 acres, T32S R60E. T33S R61E, This is a series of islands off the tip of the Chilkat Peninsula. Low use.

Magoun Islands State Marine Park, 1135 acres, T54S R62E CRM. This park is a group of tightly knit islands with many small coves and beaches west of Sitka. There is also one large lagoon that is only accessible by boat at high tides. This area is primarily used for fishing, clamming, and hunting. Moderate use.

Big Bear/Baby Bear State Marine Park, 1023 acres, T51S R61E CRM. This park is a series of protected islands and bays in Peril Straits north of Sitka. Good fishing and hunting. Moderate use.

Grindall Island State Marine Park, 484 acres, T47S R87E CRM. This park is an isolated island west of Ketchikan that has a public use cabin on it. The area is mainly used for diving fishing, and other intertidal activities. The southern tip of the island is an established sealion haulout. Moderate use.

Dall Bay State Marine Park, 585 acres, T77S, R91E, CRM. A bay providing sheltered anchorage on Gravina Island, about 20 miles south of Ketchikan.

Thom's Place State Marine Park, 1198 acres, T66S, R86E, CRM. A bay providing sheltered anchorage on Wrangell Island, about 20 miles south of Wrangell.

Beecher Pass State Marine Park, 660 acres, T72S, R74E, CRM. A group of islands along a sheltered portion of the inland passage about 25 miles south of Petersburg.

Joe Mace Island State Marine Park, 62 acres, T64S, R75E, CRM. A small island near the community of Point Baker, used for community recreation.

Security Bay State Marine Park, 500 acres, T58S, R70E, CRM. A large bay with protected anchorages off Chatham Strait on the north end of Kuiu Island.

Taku Harbor State Marine Park, 700 acres, T44S, R70E, CRM. A large protected bay with a state-maintained float for medium sized yachts up to 60 feet, located about 35 miles south of Juneau.

Oliver Inlet State Marine Park, 560 acres, T43S, R68E, CRM. A small lagoon bay at low tide levels with a public use cabin situated on the head end of Seymour Canal. A small tram on steel rails is available to transport gear about ½ mile to the cabin from Oliver Inlet. Located about 15 miles south of Juneau.

Funter Bay State Marine Park, 162 acres, T42S, R64E, CRM. A large protected bay on the northwest end of Admiralty Island about 40 miles west of Juneau. Two floats are available for boat tie-up.

Shelter Island State Marine Park, 3560 acres, T39S, R64E, CRM. A portion of Shelter Island and two small coves with some camping facilities, within 10 miles of Juneau.

Black Sands Beach State Marine Park, 640 acres, T76S, R91E, CRM. A small beach and several islands within six miles of downtown Ketchikan.

Sealion Cove State Marine Park, 630 acres, T53S, R60E, CRM. A beautiful open coast sandy beach with a trail from Kalinin Bay, located about 35 miles north of Sitka.

Local Parks This document does not include most city or borough parks at this time. Three city park/recreation areas that were former federal surplus properties are: Shoemaker Bay Recreational Area (City of Sitka), Totem Square (City of Sitka), and Seaplane Ramp/Turnaround Site (City of Wrangell).

(b) Public Use Cabins

For information go to the internet at: <http://www.nps.gov/aplic/cabins>

Wildlife viewing

There are many people, including charter and tour operators, that participate in wildlife viewing in the subarea. In addition to the parks listed above, there are sites within the Alaska Maritime National Wildlife Refuge that are visited, including:

- Saint Lazaria Island
- Hazy Island group
- Forrester Island complex

Other wildlife viewing areas include:

- Stikine River Flats
- Anan Creek
- Fish Creek (Hyder)
- Pack Creek

ALASKA STATE PARKS

Alaska Department of Natural Resources
Division of Parks and Outdoor Recreation

Alaska State Parks in the Southeast Alaska Region (maps and charts)

1. Haines
2. Juneau
3. Ketchikan
4. Sitka
5. Wrangell

Chart Key

CS = Camp sites

CL = Camping limit

CF = Camping fee

P = Picnic sites

T = Toilet

/a = Facilities are ADA accessible

W = Water, drinkable

S = Picnic shelter

Tr = Trails

H = Historical feature

B = Boat launch

C = Cabins

D = Daily parking fee

F = Fishing

* = Tent camping only

** = Annual passes not accepted

*** = Sanitary dump station

SRA = State Recreation Area

SRS = State Recreation Site

SHP = State Historical Park

SHS = State Historic Site

SP = State Park

SMP = State Marine Park

SWP = State Wilderness Park

TH = Trailhead

DU = Day Use

GU = Group Use

CG = Campground

BL = Boat Launch

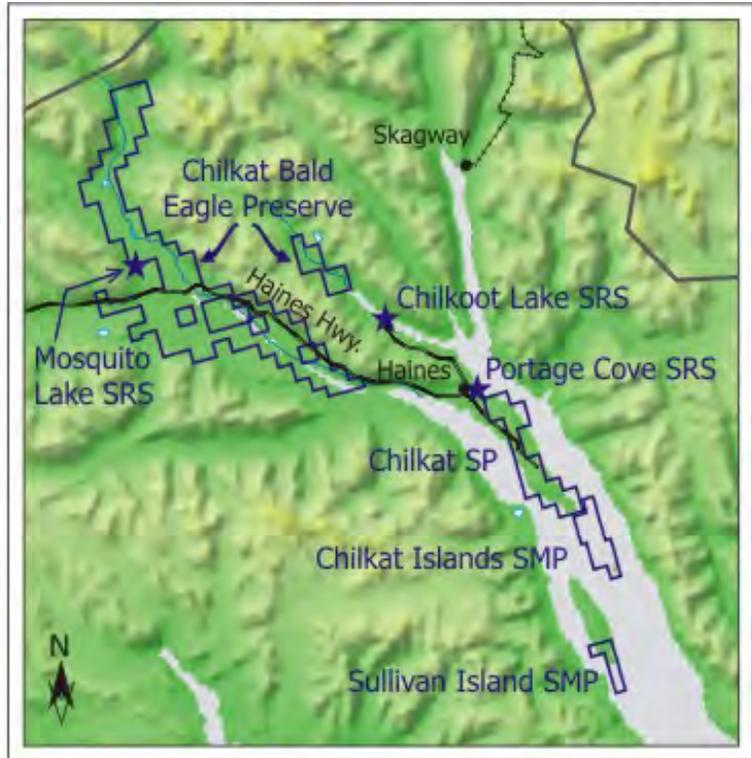
For further information: <http://www.dnr.state.ak.us>
or call 269-8700 (Anchorage Office)

To access maps and charts: <http://www.dnr.state.ak.us/parks/aspbro/statemap.htm>

Alaska State Parks near Haines in Southeast Alaska



This map is not intended to be used as a navigational aid.



Park Unit	Acres	CS	CL	CF	P	T	W	S	Tr	H	B	C	D	F	Location
Chilkat Bald Eagle Preserve	49,320					T	W		Tr/a					F	8-30 Haines Hwy.
Chilkat Islands SMP	6,560				Undeveloped								F	No road access	
Chilkat SP	9,837	15	15	CF	4	T/a	W	S	Tr		B			F	7 Mud Bay Rd.
Chilkoot Lake SRS	80	32	7	CF		T/a	W	S			B			F	10 Lutak Rd.
Mosquito Lake SRS	10	5	15	CF		T	W				B			F	27.2 Haines Hwy
Portage Cove SRS *	7	9	7	CF	3	T	W							F	1 Beach Rd.
Sullivan Island SMP	2,163				Undeveloped								F	No road access	

Alaska State Parks near Juneau in Southeast Alaska



This map is not intended to be used as a navigational aid.

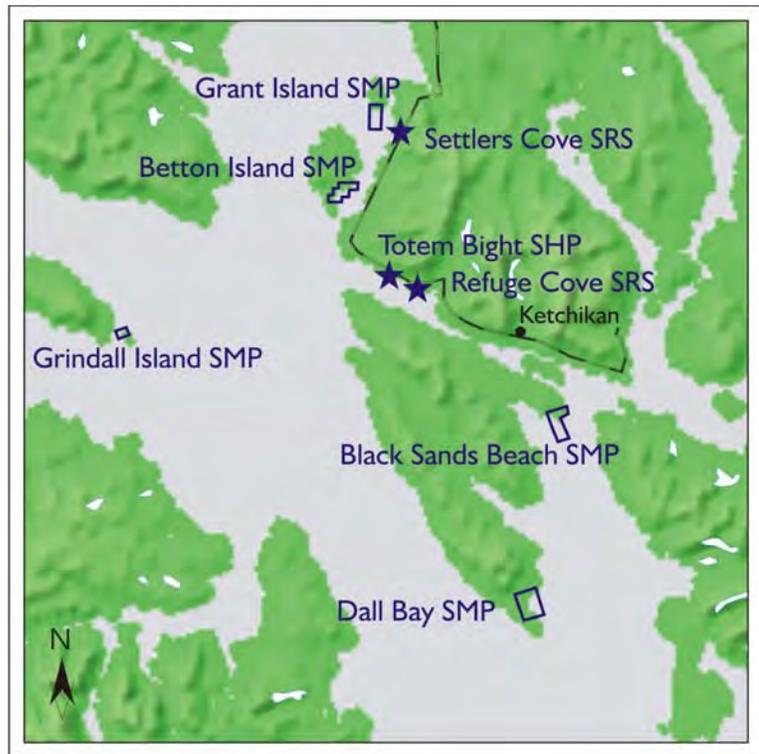


Park Unit	Acres	CS	CL	CF	P	T	W	S	Tr	H	B	C	D	F	Location
Eagle Beach SRA	590				10	T			Tr				D	F	29 Glacier Hwy.
Ernest Gruening SHP	12									H				F	24 Glacier Hwy.
Funter Bay SMP	162				Undeveloped								F	No road access	
Johnson Creek SRS	8				Undeveloped								F	5.5 N Douglas Hwy.	
Juneau Trail System	15 mi.								Tr	H					Juneau Area
Oliver Inlet SMP	560					T			Tr			C		F	No road access
Point Bridget SP	2,800					T			Tr			C		F	38.5 Glacier Hwy.
Shelter Island SMP	3,560				6	T			Tr					F	No road access
St. James Bay SMP	1,022				Undeveloped								F	No road access	
Taku Harbor SMP	700				Undeveloped								F	No road access	
Wickersham SHS	.5					T/a				H/a					213 - 7th Street

Alaska State Parks near Ketchikan in Southeast Alaska



This map is not intended to be used as a navigational aid.

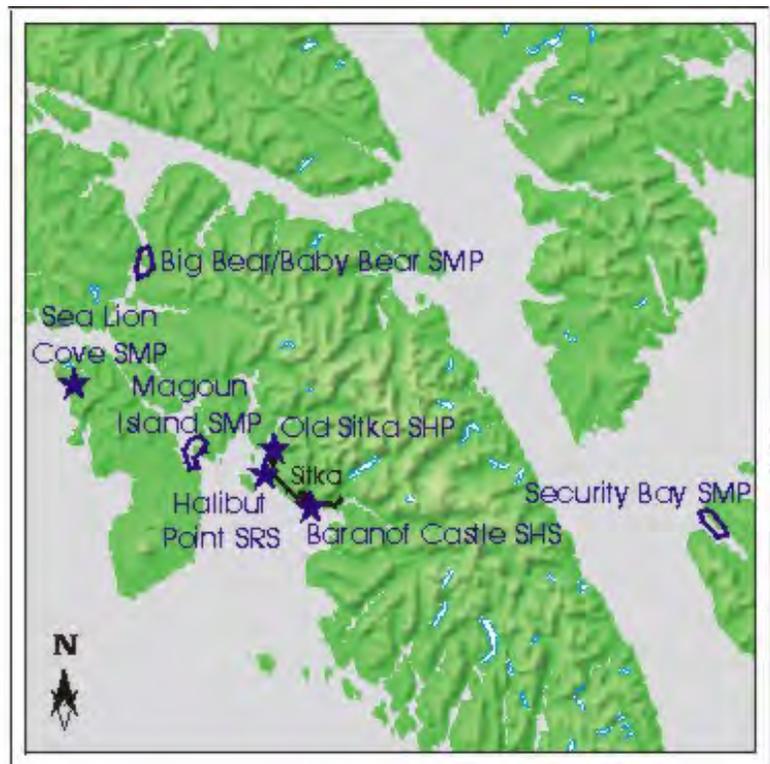


Park Unit	Acres	CS	CL	CF	P	T	W	S	Tr	H	B	C	D	F	Location
Black Sands Beach SMP	640				Undeveloped									F	No road access
Dall Bay SMP	585				Undeveloped									F	No road access
Grindall Island SMP	240					T			Tr			C		F	No road access
Refuge Cove SRS	13				14	T								F	8.7 N Tongass Rd
Settlers Cove SRS	76	14	7	CF	12	T/a	W/a	S/a	Tr/a					F	18 N Tongass Rd
Totem Bight SHP	33					T/a	W/a		Tr/a	H/a					10 N Tongass Rd

Alaska State Parks near Sitka in Southeast Alaska



This map is not intended to be used as a navigational aid.



Park Unit	Acres	CS	CL	CF	P	T	W	S	Tr	H	B	C	D	F	Location
Baranof Castle SHS	1									H/a					Lincoln St.
Big Bear/Baby Bear SMP	1,023				Undeveloped								F	No road access	
Halibut Point SRS	40				9	T/a	W	S	Tr					F	4.4 Halibut Rd.
Magoun Islands SMP	1,135				Undeveloped								F	No road access	
Old Sitka SHP	212					T/a			Tr/a	H/a	B			F	7.5 Halibut Rd.
Sea Lion Cove SMP	630								Tr					F	No road access
Security Bay SMP	500				Undeveloped								F	No road access	

Alaska State Parks near Wrangell in Southeast Alaska



This map is not intended to be used as a navigational aid.



Park Unit	Acres	CS	CL	CF	P	T	W	S	Tr	H	B	C	D	F	Location
Beecher Pass SMP	660				Undeveloped									F	No road access
Joe Mace Island SMP	62				Undeveloped									F	No road access
Petroglyph Beach SHS	7								Tr	H				F	Grave St.
Thom's Place SMP	1,198				Undeveloped									F	No road access

8. Commercial Tourism

A mail survey of commercial wildlife tour operators in Southeast Alaska in 1989 documented the level and types of wildlife viewing areas important to tourism in coastal areas. There were at least 120 businesses offering wildlife viewing in the region in 1989.

The following map shows the main cruise ship routes in the region.

The following organizations can be contacted with requests for specific information on location and timing of recreation and tourism activities. Although the primary function of these organizations is not to provide such information, the individual members will be quite knowledgeable about environmental conditions and will often be willing to share information.

For additional information contact:

Alaska Division of Tourism	465-2012
Alaska State Chamber of Commerce	586-2323
Alaska Native Tourism Council	274-5400
Alaska Wilderness Recreation & Tourism Assoc.	463-3038
Tongass National Forest	747-4236

9. Marinas and Ports

(See Resources Section)

10. Fish Processing

The following table identifies fish processors, canneries, and shellfish processors operating in Southeast Alaska and provides the general location in which they operate and how to contact them. The list excludes fishing vessels and shellfish harvesters.

Craig:

Alaska Kiku at NorQuest; 826-2555
Deep Water Seafoods; 826-2632
Eat Me Seafood; 826-2632
EC Phillips & Son; 826-3241
Kahli Cove Shellfish; 321-0844
NorQuest Seafoods; 826-3241
Tenass Pass Shellfish; 463-3600

Excursion Inlet:

Ward Cove/Excursion Inlet; 586-4244

Gustavus:

Icy Passage Fish; 697-2264
Point Adolphus Seafoods; 697-2246
The Salmon River Smokehouse; 697-2330

Haines:

Bell's Seafood; 766-2950
Cossack Caviar-Haines; 766-3495
Dejon Delights; 766-2505
Halsingland Hotel; 766-2000
Sea Pack Fisheries; 766-3521

Hyder:

Alaskan Premier Seafoods; 250-636-9011

Juneau:

Alaska Glacier Seafood; 790-3590
Alaska Seafood Company; 780-5111
Carrs Quality Center; 790-5500
DIPAC Gastineau Hatchery; 463-5114
Engstrom Caviar; 586-5949
Horst's Alaska Seafood, Inc.; 790-4300
Jerry's Meats & Seafoods; 789-0173
Jon K Seafood, Inc.; 780-6893
Juneau Alaskan & Proud; 586-3101
Northern Keta; 586-6095
Quality Alaska Seafoods; 789-8495
Shellfish Market; 586-1107
Super Bear Market; 789-0173
Taku Smokeries; 463-4617

Kake:

Alaska Dried Foods; 785-3130
Kake Tribal/Kake Fisheries; 785-3331
Pearl of Alaska; 723-2469

Hoonah:

Hoonah Cold Storage; 945-3264

Ketchikan (cont.):

Gateway Smokehouse; 225-1900
 Ketchikan Cold Storage; 225-6664
 NorQuest Seafoods; 225-6664
 S.S.R.A.A. Neets Bay; 225-1348
 Sunny Cove Mariculture; 225-3751
 Trident Seafoods, Corp.; 225-4191
 Ward Cove Packing; 225-5030

Klawock:

Cold and Deep Seafoods at Wildfish; 212-466-0760
 Golden House; 826-3027
 Klawock Oceanside; 755-2102
 Shrimp Shop; 755-2100
 Wildfish Smokery; 755-2247

Metlakatla:

Annette Island Packing; 886-4661

Pelican/Elfin Cove:

Elfin Cove Oysters; 239-2224
 Kake Tribal/Pelican Facility; 735-2204
 Patti's FP Smokers; 239-2244

Petersburg:

Coastal Cold Storage; 772-4177
 Emily Island Oysters; 772-2550
 Icicle/Petersburg Fisheries; 772-4294
 NorQuest/Mitkof Cannery; 772-2501
 NorQuest/Petersburg; 772-3333
 Northern Lights Smokeries; 772-4608
 Ocean Beauty Seafoods; 772-4242
 Tonka Seafoods; 772-3662

11. Logging Facilities

All logging facilities on the Tongass National Forest are mapped on the U.S. Forest Service's Geographic Information System (GIS). See the following map.

The following organizations can be contacted with requests for specific information on location and timing of logging activities. Although the primary function of these organizations is not to provide such information, the individual members will be quite knowledgeable about environmental conditions and will often be willing to share information.

Tongass National Forest
 Timber Staff Officer
 Petersburg
 772-5882
 Alaska Forest Association
 Ketchikan
 225-6114

Ketchikan:

Alaska General Seafoods; 225-2906
 Coastal Fisheries; 247-3327
 EC Phillips & Son; 225-3121

Sitka:

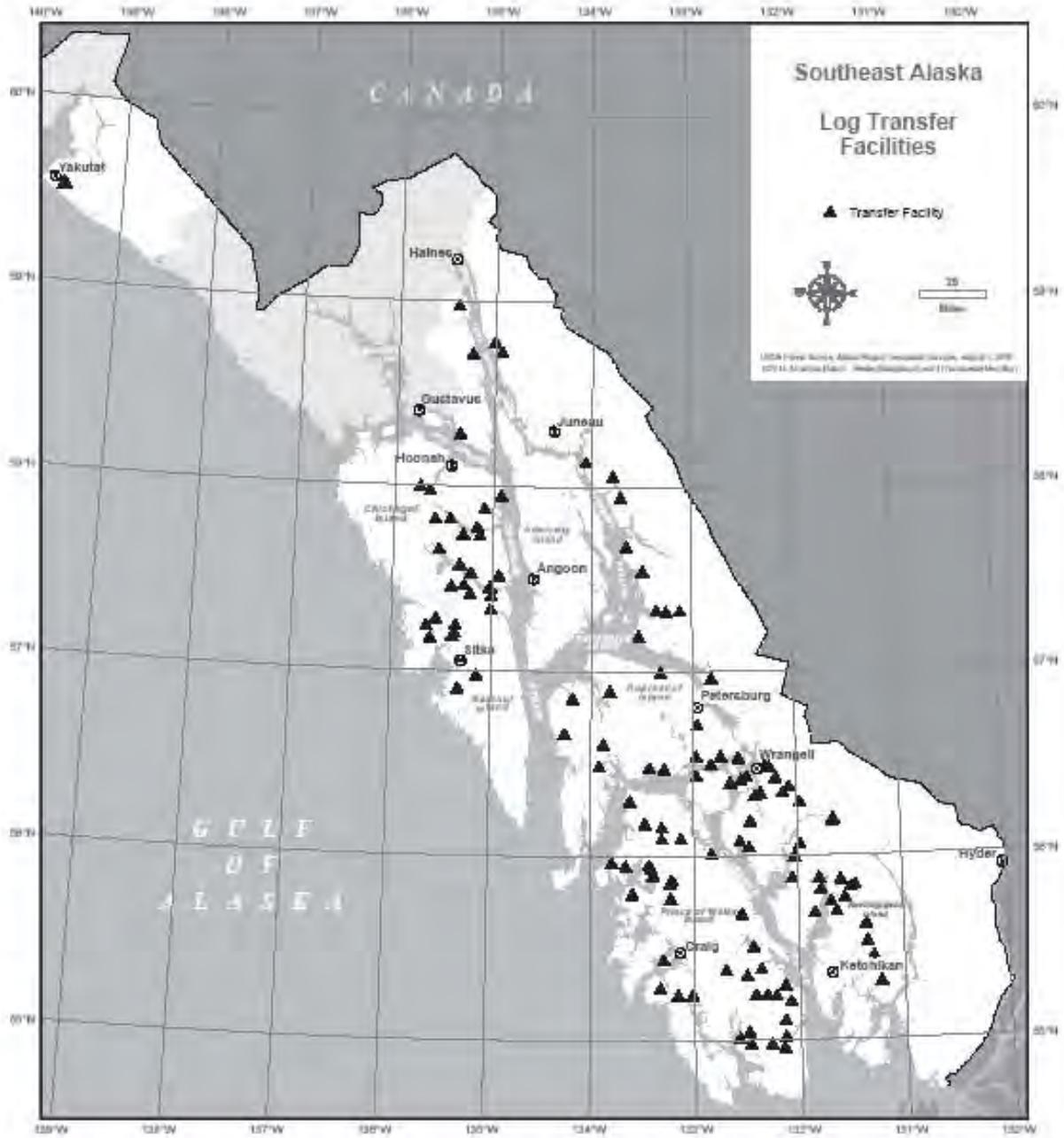
Alaska Bounty Seafoods & Smokery; 966-2927
 Hook & Line/Fresh Fish Co.; 747-5565
 NorQuest/Sitka Facility; 206-281-7022
 N.S.R.A.A. Hidden Falls Hatchery; 747-6850
 N.S. R.A.A. Medvejie Hatchery; 747-6850
 Seafood Producers Cold Storage; 747-5811
 Sheldon Jackson Hatchery; 747-5220
 Sitka Sea Farms; 747-3862
 Sitka Select Seafoods; 747-5795
 Sitka Sound Seafoods, Inc.; 747-6662

Wrangell:

Canoe Lagoon Oyster Co.; 329-2253
 G & G Alaska Smokery; 874-3950
 J.R. Fish Company, Inc.; 874-2399
 Mossman Joe Oysters; 345-2273
 Sea Level Seafoods, Inc.; 874-2274
 Wrangell Seafoods, Inc.; 874-3346

Yakutat:

Dry Bay/Sitka Sound Seafoods; 747-6662
 Raven's Table Smokery; 784-3392
 Sitka Sound/Yakutat; 784-3392
 Sitka Sound/Smokehouse; 784-3392
 YKI Fisheries; 784-3671



12. Water Intake and Use

The following list of water intake/use permits was generated from a database maintained by the Alaska Department of Environmental Conservation. The list shows "type A" water users, which are those systems serving 25 or more persons using the system for 6 or more months of the year. Additional information can be obtained from the Alaska Department of Environmental Conservation Drinking Water and Water Treatment Section at 465-5300.

Name of System	Location	State ID No.	Source
Angoon Public Water	Angoon	130017*001	Auk'Tah Lake
Churchill Park	Churchill Way	110318*001	Switzer spring
Chilkat Indian Village	Haines	110562*001	Spring
City of Coffman Cove	Coffman Cove	120436*001	Chum creek
City of Haines	Haines	110619*001	Lilly Lake
City of Haines	Haines	110619*002	Piedad loop overflow
City of Hoonah	Hoonah	130067*001	Ear Mountain
City of Hydaburg	Hydaburg	120224*001	Hydaburg River
City of Juneau	Juneau	110342*001	Salmon Creek Reservoir
City of Juneau	Juneau	110342*002	Last Chance Basin wells
City of Kasaan	Ketchikan	120606*001	Linckum Creek
City of Klawock	Klawock	120169*001	Surface
City of Petersburg	Petersburg	130148*001	City Creek Reservoir
City of Petersburg	Petersburg	130148*002	Tank Truck
City of Saxman	Saxman	120127*001	Unnamed Creek
City of Sitka	Sitka	130075*001	Blue Lake
City of Skagway	Skagway	110601*001	3 Wells
City of Wrangell	Wrangell	120143*001	Municipal reservoirs
Clover Pass Christian School	Ketchikan	120575*001	Roof Catchment
Covenant Life Center	Haines	11275*001	Well
Crystal Cathedrals	Haines	111457*001	2 Wells
Craig Public Works	Craig	120193*001	North Fork Lake
Excursion Inlet Cannery	Juneau	130229*001	Unnamed spring
Gateway Forest Products	Ward Cove	120088*001	2 Hauled water
Greens Creek 920 Level.	Juneau	119205*001	Greens Creek
Greens Creek Mining Co.	Juneau	113560*001	Cannery Creek
Gustavus Water System	Gustavus	130596*001	Well
Hollis School	Thorne Bay	120541*001	No Name Pond
Homestead Trailer Park	Ketchikan	120046*001	Surface
Kake Municipal Water	Kake	130083*001	Gunnuk Creek
Ketchikan Public Utilities	Ketchikan	120232*001	Ketchikan Lakes
Mountain Point Service Area	Ketchikan	120452*001	Forks Creek
Mt. Bether Bible Center	Hoonah	130619*001	Game Creek
Pelican Utilities	Pelican	130122*001	Pelican Creek
Point Higgins Elem School	Ketchikan	121076*001	Roof Catchment
Port Alexander PWS	Port Alexander	130156*001	Humpy Creek
Port Protection	Ketchikan	121123*001	Spring
Shoup Street Service Area	Ketchikan	120062*001	Surface
Silver Bay Logging, Cube Cove	Ketchikan	130693*001	Surface
Starrigavan Campground	Sitka	130659*001	Well
Thorne Bay	Thorne Bay	120216*001	Surface
Thunder Mt. Trailer Ct.	Juneau	110449*001	Groundwater
Vallenar View Mobile Home Park	Ketchikan	130353*001	Whipple Creek
Whitestone Logging	Hoonah	130562*001	Game Creek
Yakutat PWS	Yakutat	130172*001	Ridge 2 Wells

Name of System	Location	State ID No.	Source
Yakutat PWS	Yakutat	130172*002	ARCO 2 Wells
Yakutat PWS	Yakutat	130172*003	ARCO Well #2

SENSITIVE AREAS: PART FIVE - AREAS OF LOCAL CONCERN

Some areas within the subarea warrant special attention due to the presence of highly productive wildlife habitat, the ability to sustain a large part of a villages subsistence needs, the occurrence of unusual historical sites or large mineral deposits, recreation, energy development, hazardous areas, or the presence of important fisheries. These have been identified as Areas Meriting Special Attention, Important Use Areas, Special Use Areas, or Sensitive Areas through the Hydaburg Coastal Management Program; Angoon Coastal Management Program and Areas Meriting Special Attention Plan for Mitchell, Hood and Chaik-Whitewater Bays; Petersburg and Kupreanof Coastal Management Program; Port of Skagway and Skagway River Area Meriting Special Attention Plans; Sitka District Coastal Management Program; Yakutat Coastal Management Plan Update. They are summarized below.

Designated Area	Reasons For Designation	Land Ownership/ Villages To Contact
Chaik-Whitewater Bay	Harbor seal haulout location. Waterfowl shorebirds spring and fall concentration area. Brown bear spring concentration area. Provides bald eagle, fish and marine mammal habitat. Contains anadromous fish streams. Some subsistence activities occur here. Presence of eighteen archaeological sites. Offers recreational opportunities and has traditional value.	Native, State (tidelands and submerged lands), US Forest Service
Hetta Cove-Eek Inlet	Important area for traditional and customary subsistence harvesting of fish and wildlife. Presence of seven historic/archeological sites. Offers recreational opportunities.	Alaska Department of Fish and Game (management of fishery resources), Haida Corporation and US Forest Service (Eek Lake and Eek Inlet uplands), Sealaska Corporation (Hetta Cove and Lake uplands), State (aquatic areas),
Hood Bay	Waterfowl shorebirds spring and fall concentration area. Brown bear spring concentration area. Provides bald eagle, fish and marine mammal habitat. Contains anadromous fish streams. Some subsistence activities occur here. Presence of eleven cultural sites. Offers recreational opportunities and has traditional value.	Alaska Pulp Corporation, Federal, Native, Private, State (tidelands and submerged lands), US Forest Service
Hydaburg River Tidelands	Important area for traditional and subsistence usage of fish and wildlife. Spawning and rearing habitat for anadromous fish. Source for all domestic water in Hydaburg. Presence of one historical site. Offers recreational opportunities.	City of Hydaburg, Haida Corporation, private, Sealaska Corporation, Forest Service
Jackson Island	Important area for traditional and subsistence usage of fish and other natural resources (e.g. drift logs and trapping). One historic/archeological site present. Offers recreational opportunities.	State

Designated Area	Reasons For Designation	Land Ownership/ Villages To Contact
Mitchell Bay	Waterfowl shorebirds spring and fall concentration area. Nesting and brood rearing concentration areas for the Trumpeter Swan. Brown bear spring concentration area. Provides bald eagle, fish and marine mammal habitat. Contains anadromous fish streams. Some subsistence activities occur here. Presence of 37 prehistoric and historic sites. Offers recreational opportunities and has traditional value.	City of Angoon, Kootznoowoo Corporation, Sealaska, State (tidelands and submerged lands), US Forest Service
McFarland Islands-Dunbar Inlet	Important area for traditional and subsistence harvesting of herring roe, mink, land otter and drift logs. Presence of historic/archeological sites. Offers recreational opportunities.	State
Mountain Point	Human use area. Off-shore and on-shore fishery. Herring spawn along the shore.	None stated
Port Chilkoot-Portage Cove	None stated	None stated
Port of Skagway	Human use area. Provides habitat for a variety of wildlife and fish. Affords scenic and recreational opportunities.	City of Skagway, Malcolm Moe, State, White Pass and Yukon Route Railroad
Saltery Point-Crab Trap Cove	Important area for traditional and customary subsistence usage of fish and wildlife. Presence of one historic/archeological site. Offers recreational opportunities.	Haida Corporation, State (aquatic areas, tidelands)
Skagway River	Human use area. Source of city drinking water. Provides habitat for a variety of wildlife and fish. It is anadromous water. Affords scenic and recreational opportunities.	City of Skagway, private, State, US Forest Service
Swan Lake	Protection of water quality (freshwater ecosystem). Maintenance of local fish and swan populations. Important recreational area.	None stated
Upper George Inlet	Shoreline provides critical winter range for deer. Provides habitat and spawning area for a variety of wildlife and fish (including bald eagles, black bears, harbor seals, herring and salmon).	None stated
West Coon Island	Harbor seals are found in high numbers along the shore. A bald eagle nest is located on the western shore.	None stated
Whitman Lake Area	Shoreline provides critical winter range for deer. Supports recreational sportfishing.	None stated
Wrangell Narrows	None stated	None stated

An August 2000 survey of Native tribes in the Subarea conducted by the Environmental Protection Agency yielded additional information about sensitive areas near villages, as viewed from the local perspective. The tribes responding to the survey, as well as the primary sites of concern and the reasons for their importance as indicated by the tribes, are listed below.

1. Craig Community Association

Sensitive Area	Reasons For Designation
Saint Nicholas Lake	Drinking water source
Fish Egg Island	Herring spawning grounds
Saint Nicholas River	Salmon spawning
Crab Creek	Salmon spawning

2. Hydaburg Cooperative Association

Sensitive Area	Reasons For Designation
Hetta	Subsistence activities
Eek	Subsistence activities
Kasook	Subsistence activities
Hydaburg beachfront and watershed	Subsistence activities
Sakwaan	Subsistence activities

3. Klawock Cooperative Association

Sensitive Area	Reasons For Designation
All beach areas	Home sites
Perafrovich Island	Old graveyard site
Alberta Island	Subsistence activities
Klawock Narrows	Industry and wastewater treatment plants
Mouth of Klawock River	Subsistence activities

4. Organized Village of Kasaan

Sensitive Area	Reasons For Designation
Kasaan Bay	Subsistence activities, cultural/traditional uses
Karta Bay	Subsistence activities, cultural/traditional uses
Salt Chuck	Subsistence activities, cultural/traditional uses
12 mile Arm	Subsistence activities, cultural/traditional uses
Cholmndly/Skowl Arm	Subsistence activities, cultural/traditional uses

5. Sitka Tribe of Alaska

Sensitive Area	Reasons For Designation
Katlian Bay	Salmon streams, important/close watershed
Nakwasina Bay, Sound	Salmon streams, marine mammals
Silver Bay	Hatchery, salmon streams
Indian River	Closest andromorphous stream, important watershed
Starrigavan Wetland Area	Wetland close to town, spawning habitat

6. Wrangell Cooperative Association

Sensitive Area	Reasons For Designation
Harbor entrance	Not stated
Public beaches	Not stated
Petroglyph beach	Not stated

7. Yakutat Tlingit Tribe

Sensitive Area	Reasons For Designation
Monti Bay	Village surrounds bay
Inner Islands	Subsistence activities
Disenchantment Bay	Large seal population
Yakutat coast line	Commercial fishing, recreation
Icy Bay	Subsistence activities

SENSITIVE AREAS: PART SIX - KEY REFERENCES

The following documents and Geographic Information System (GIS) databases will provide information on critical fish and wildlife concentrations. The information contained in these documents is not, for the most part, duplicated in this regional plan. The Alaska Department of Fish and Game regional office in Douglas, and the office in Anchorage, has a copy of the all of the documents listed.

Documents:

- Alaska Department of Fish and Game. 2002. An Atlas to the Catalog of Waters Important for the Spawning, Rearing or Migration of Anadromous Fishes, Southeast Region (updated annually).
- Alaska Department of Fish and Game. 1993. Sport Fishing Guide: Northern Southeast Alaska and Yakutat.
- Alaska Department of Fish and Game. 1993. State of Alaska Refuges, Critical Habitat Areas, and Sanctuaries.
- Alaska Department of Fish and Game. 1992. Ketchikan Area Sport Fishing Guide.
- Alaska Department of Fish and Game. 1991. Southeast Region: Selective Historical Access To Fish and Wildlife.
- Alaska Department of Fish and Game. 1991. Sport Fishing Guide: Prince of Wales Island Area.
- Alaska Department of Fish and Game. 1989. Salmon Holes and Halibut Hills, A Sportfishing Atlas of Southeast Alaska.
- Alaska Department of Fish and Game. 1988. Community Profile Series, Volume 1 and 2, Tongass Resource Use Cooperative Study.
- Alaska Department of Fish and Game. 1986. Alaska Habitat Management Guide Reference Maps, Southeast Region, Vols. 1 and 2.
- Alaska Department of Fish and Game. 1984. Recreational Fisheries of Southeast Alaska, Including Yakutat: An Assessment.
- Alaska Department of Fish and Game. 1984. Fish and Wildlife Element - Southeast Tidelands Area Plan for Southwest Prince of Wales Island.
- Alaska Department of Natural Resources. 1993. Juneau Area Plan.
- Alaska Department of Natural Resources and Alaska Department of Fish and Game. 1993. Juneau Area Plan Elements - Fish and Wildlife.
- Alaska Department of Natural Resources and Alaska Department of Fish and Game. 1993. Yakataga Area Plan Elements - Fish and Wildlife, Recreation, Infrastructure, Access (in prep).
- Alaska Department of Natural Resources and Alaska Department of Fish and Game. 1990. Prince of Wales Island Area Plan Elements - Fish and Wildlife, Subsurface Resources and Settlement.
- Alaska Department of Natural Resources. 1988. Prince of Wales Area Plan.

- Alaska Department of Natural Resources. 1988. Etolin Island Mariculture Pilot Project.
- Burbank, D.C. and L.B. Flagg. 1979. Fish, Wildlife, and Habitat Resources and the Potential Impacts of Oil Transportation: Southeast Alaska (Icy Strait/Chatham Strait/Lynn Canal). Alaska Department of Fish and Game.
- City of Angoon. 1992. Angoon Coastal Management Program and Areas Meriting Special Attention Plan for Mitchell, Hood and Chaik-Whitewater Bays.
- City of Hydaburg. 1983. Hydaburg Coastal Management Program.
- Cities of Petersburg and Kupreanof. 1982. Petersburg and Kupreanof Comprehensive Plan and Coastal Management Program.
- City of Skagway. Public Hearing Draft July 1990. Port of Skagway and Skagway River Area Meriting Special Attention Plans.
- City and Borough of Sitka. 1988. Sitka District Coastal Management Program.
- City and Borough of Yakutat. 1995. Yakutat Coastal Management Plan Update.
- Michel, J. and J. Dahlin. 1993. Guidelines for Developing Digital Environmental Sensitivity Index Atlases and Databases. National Oceanic and Atmospheric Administration.
- Michel, J. and S. Christopherson and F. Whipple. 1994. Mechanical Protection Guidelines. National Oceanic and Atmospheric Administration and U.S. Coast Guard.
- Mitchell, Hood and Chaik-Whitewater Bays Areas Meriting Special Attention Plan.
- Research Planning Institute, Inc. 1993. Sensitivity of Coastal Environments and Wildlife to Spilled oil: Southeast Alaska. Vol. I and II.
- Sundberg, K.A. 1981. Marine Biology and Circulation Investigations in Sitka Sound, Alaska. Alaska Department of Fish and Game.
- Tornfelt, E.E. and M. Burwell. 1992. Shipwrecks of the Alaskan Shelf and Shore. Minerals Management Service, OCS Report MMS-92-0002.
- U.S. Department of Commerce (NOAA). **Current Year's Edition**. Tidal Current Tables; Pacific Coast of North America and Asia.

Geographic Information System (GIS) Databases:

Alaska Department of Natural Resources: Rich McMahan, Anchorage, 269-8852
 National Park Service: George Dickison, Anchorage, 644-3546
 U.S. Fish and Wildlife Service: Catherine Berg, Anchorage, 271-1630
 U.S. Forest Service: Duane Fisher, Ketchikan, 228-6238
 National Oceanic and Atmospheric Administration: John Whitney, Anchorage, 271-3593
 Bureau of Land Management: Gust Panos, Anchorage, 271-5545

National Oceanic and Atmospheric Administration's Environmental Sensitivity Index (ESI) maps have been produced on a GIS and are available through NOAA or the U.S. Forest Service's GIS in Juneau. Maps covering the region at 1:250,000 scale include biological and human use elements. Part of the

region is covered at 1:63,360 scale for shoreline geomorphology. Contact John Whitney at NOAA in Anchorage.

U.S. Forest Service's Tongass National Forest: Alaska Department of Fish and Game, U.S. Forest Service and Fish and Wildlife Service information on seasonal concentrations of sea lion, harbor seal, sea otter, osprey, trumpeter swan, Vancouver Canada goose, waterfowl and shorebirds, seabirds, recreation and infrastructure (1:63,360 scale from Juneau).

Alaska Department of Fish and Game's TRUCS subsistence data in percentage of households using polygon by each of 30 communities by salmon, other finfish, marine invertebrates, marine mammals, deer (1:250,000 scale from Douglas).

Alaska Department of Natural Resources' Yakataga Area Plan - bears, moose, goat, recreation, commercial fishing, subsistence fishing and gathering, infrastructure, and marine access sites (1:250,000 scale from Anchorage).

Fish and Wildlife Service's bald eagle nest sites (1:63,360 scale from Juneau).

Fish and Wildlife Service's seabird colonies (Fish and Wildlife Service Alaska Regional Office, Migratory Birds)

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ATTACHMENT ONE

**SALMON ESCAPEMENT TABLES
(SEPARATE DOCUMENT IN ELECTRONIC VERSION)**

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ATTACHMENT TWO

TONGASS NATIONAL FOREST MAP (IN BACK POCKET IN HARD COPY VERSION)

Please reference the U.S. Forest Service, Tongass National Forest website at <http://www.fs.fed.us/r10/tongass/> to request a map or for further information.

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SOUTHEAST ALASKA SUBAREA CONTINGENCY PLAN

SENSITIVE AREAS ATTACHMENT ONE

ALASKA DEPARTMENT OF FISH AND GAME

Salmon Escapement Tables for Southeast Alaska

The following tables provide data from 1970 through 2003 on the peak adult salmon escapement counts for anadromous streams throughout Southeast Alaska (Alaska Department of Fish and Game, Division of Commercial Fisheries, 2003). The tables indicate the peak adult salmon count on one day during the "peak" of the annual run for each species in the stream, sorted within each statistical area by the three categories of concern:

Major concern: >20,000 total peak count (sum all species); OR > 500 pink peak count; OR > 200 chum peak count

Moderate concern: 500 - 20,000 total peak count

Lesser concern: < or equal to 500 total peak count

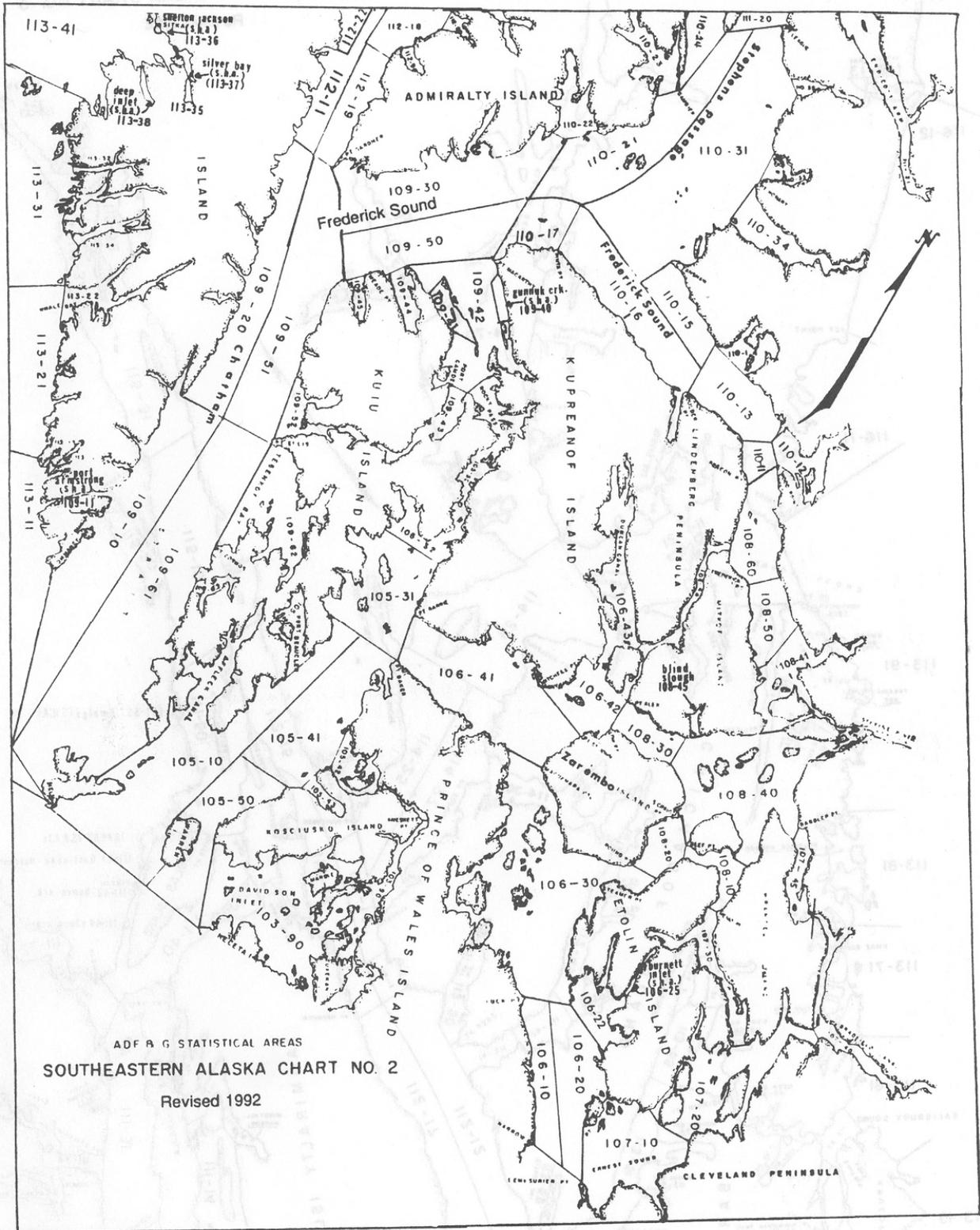
Species for which there was no count data but that were observed in the stream are just listed.

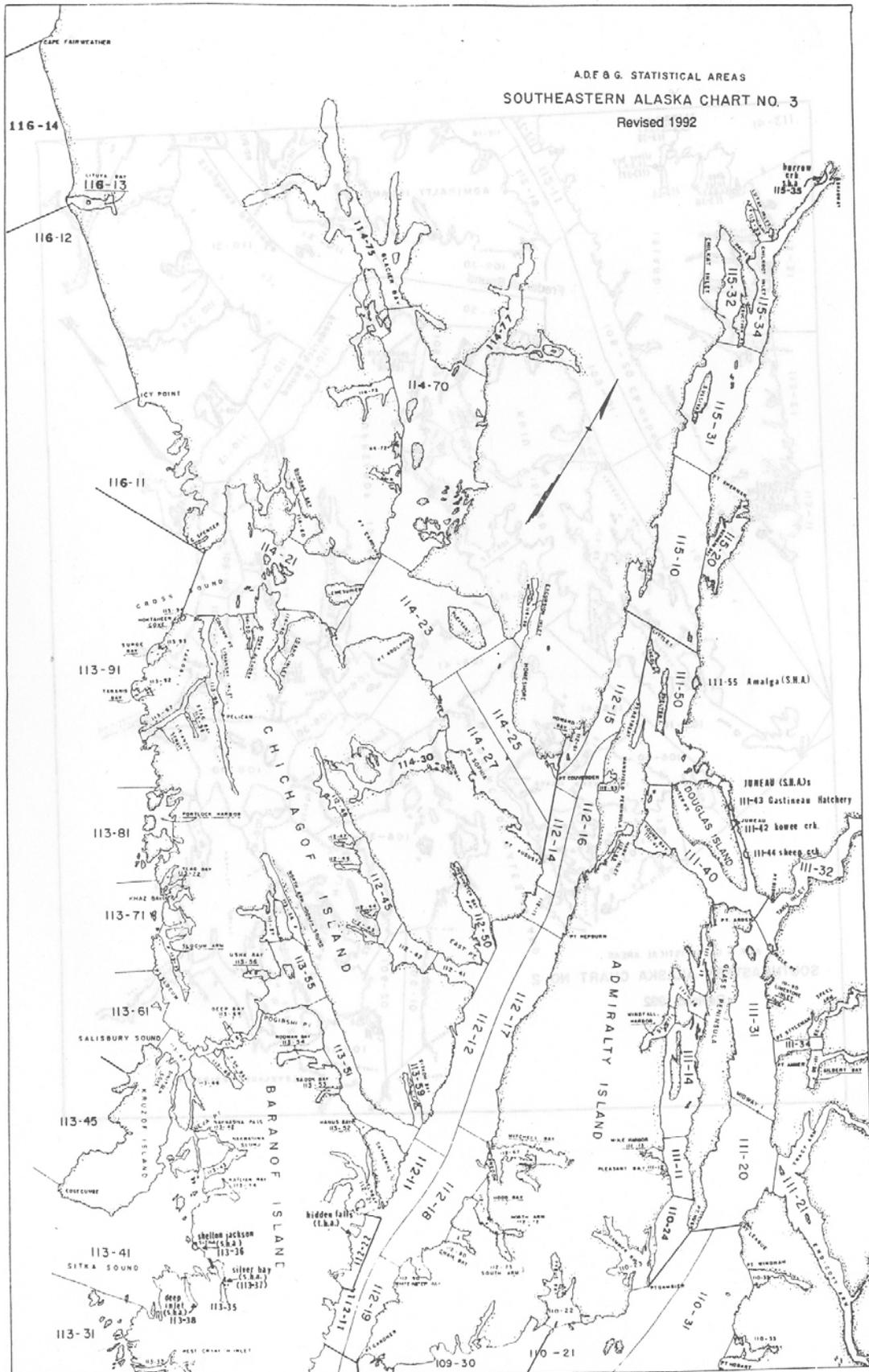
The two maps preceding the peak escapement tables identify the 1980 statistical boundaries that relate to the first two portions of the stream numbers used in the escapement data tables. In some areas the stream number is different than that in An Atlas to the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fish or the Fish Distribution Database because the statistical areas have changed (ADF&G 2003d).

These tables are intended to be used only for the initial response to an oil spill. Once the area Alaska Department of Fish and Game biologists have become involved in the response, they will use the tables but may set different priorities for stream protection due to factors such as run timing and percentage of run spawning in intertidal zone.

Key to Salmon Species Column Listed in Following Table:

CO = Coho salmon	p = present
P = Pink salmon	r = rearing
CH = Chum salmon	s = known spawning
SH = Steelhead trout	m = migration
DV = Dolly Varden	CT = Cutthroat trout





AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
101-11-10120	Harry Bay Left	Moderate	1	2000	COp,Pp
101-11-10140	Harry Bay	Moderate	31	13168	COp,Pp,CHp,SHp
	Dons Creek	Lesser	1	200	
101-11-10180	Round Hill Creek	Moderate	4	1313	COp,Pp,CHp
101-11-10220	Eagle Creek	Lesser	3	117	Pp,CHp
101-11-10230	Folly Creek	Lesser	1	500	Pp
101-11-10290	Twin Creek Left Fork	Moderate	6	917	COp,Pp,CHp
	Nakat Inlet W Head	Moderate	4	513	
101-11-10330	Nakat Inlet Head	Moderate	25	4912	Sp,COp,Pp,CHp,SHp
101-11-10370	Nakat Creek	Moderate	11	3186	COp,Pp,CHp,SHp,DVp,CTp
101-11-10390	Sockeye Creek Nakat	Moderate	18	3428	Sp,COp,Pp,CHp,SHp,DVp
101-11-10410	Nakat Inlet E Side	Moderate	10	790	COp,Pp
	Simonton Creek	Lesser	2	200	
	Nakat Harbor N	Lesser	3	267	
101-11-10580	Little Creek	Moderate	3	1385	Pp,CHp
101-11-10600	Flat Creek	Moderate	1	2000	Pp
101-11-10650	Willard Creek	Moderate	29	8204	Sp,COp,Pp,CHp,SHp
101-11-10700	Willard Inlet	Moderate	7	1330	Pp,CHp
101-11-10740	Fillmore Inlet	Moderate	12	5237	COp,Pp,CHp
101-11-10750	Canine Creek	Moderate	11	4283	Sp,COp,Pp,CHp,SHp
101-11-10770	Fillmore Inlet #3	Moderate	1	800	Pp
101-11-10780	Fillmore Inlet NW Hd	Moderate	26	4985	Pp,CHp
101-11-10790	Fillmore Creek	Moderate	33	19237	Sp,COp,Pp,CHp,SHp,DVp
101-11-10790-2020	Hoffman Ck-Fillmore	Moderate	3	736	Ss
101-11-10820	Bush Creek	Moderate	5	1190	Pp,CHp
101-11-10830	Hook Creek	Moderate	5	630	Pp,CHp
101-11-10840	Rubble Creek	Moderate	3	6003	COp,Pp,CHp
101-11-10860	Fillmore Inlet South	Moderate	1	1500	Pp
101-11-10910	Edwards Creek	Lesser	1	300	Pp
101-11-10990	Cannery Ck-Hidden In	Moderate	2	4058	COp,Pp,CHp
101-11-11005	Swift Creek	Moderate	17	1285	COp,Pp,CHp
101-11-11010	Hidden Inlet	High	34	46890	COp,Pp,CHp,SHs
101-11-11060	Blaine Point Creek	Moderate	1	1700	COp,Pp,CHp
101-15-10060	Harrison Creek	Lesser	1	500	COp,Pp
101-15-10080	Sandfly Creek	Moderate	28	1555	COsr,Pp,CHp
101-15-10110	Star Creek	Moderate	18	3421	COp,Pp,CHp
101-15-10140	Halibut Bay NW Head	Moderate	22	1366	COp,Pp,CHp
101-15-10142	Halibut Bay N Head	Moderate	28	4587	COp,Pp,CHp
101-15-10142	Saw Creek	Moderate	2	575	COp,Pp,CHp
101-15-10190	Tombstone River	High	34	90537	COp,Pp,CHp,SHp,DVp
101-15-10280	Rivers Creek	Lesser	5	430	COp,Pp,CHp
101-15-10380	Davis River	Lesser	1	250	Pp,CHp
101-15-10500	Salmon River-Hyder	Moderate	10	1280	COp,Pp,CHp
101-15-10500-2028	Fish Creek-Hyder	Moderate	34	16090	COp,Pp,CHp
101-15-10500-2036	Marx Creek-Hyder	Moderate	18	4048	COsr,Ps,CHs

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
101-23-10050	Sandy Creek	Moderate	9	684	COp,Pp,CHp
101-23-10070	Snake Creek	Moderate	2	950	COp,Pp,CHp
101-23-10100	Kah Shakes Creek	Lesser	1	200	Sp,COp,Pp,SHp,DVp
101-23-10180	Very Inlet N Head	Moderate	28	18501	COp,Pp,CHp,DVp,CTp
	Very Inlet NE Head	Moderate	8	2719	
101-23-10190	Very Inlet E Head	Moderate	16	11156	COp,Pp,CHp
101-23-10250	Very Inlet NE SE Arm	Moderate	3	1967	Pp
101-23-10260	Very In N Hd SE Arm	Lesser	2	169	COp,Pp
101-23-10270	Very Inlet SE Head	Moderate	17	9591	COp,Pp,CHp,SHp
101-23-10320	Very Inlet	Moderate	16	6778	COp,Pp,CHp
101-23-10340	Very Inlet	Moderate	15	1747	COp,Pp,CHp
101-23-10360	Very Inlet	Moderate	7	1043	COp,Pp,CHp
101-23-10600	Pond Bay SE Head	Lesser	1	200	Pp
101-23-10650	Pond Bay Head	Moderate	1	1200	COp,Pp,CHp
101-23-10790	Campbell Creek	Moderate	4	1950	Pp,CHp
101-23-10870	Kwain Bay	Moderate	12	3931	Pp,CHp
101-23-10940	Crab Bay	Moderate	11	2630	COp,Pp,CHp
	Smugglers Creek	Moderate	2	1500	
	Tamgass Harbor Head	Moderate	2	5600	
101-25-10250	Tamgass Lake Creek	Lesser	2	450	Sp,COp,CHp
	500 Creek	Lesser	3	375	
101-27-10090	Hemlock Creek	Moderate	4	2847	COp,Pp
101-27-10100	Trout Lake Creek	Moderate	3	667	Ps
101-27-10190	Dall Head Creek	Moderate	31	3082	COp,Pp,CHp
101-27-10230	Bostwick Bay S Outsd	Moderate	1	9000	COsr,Pp,CHp
101-27-10260	Bostwick Bay SW Side	Moderate	18	4688	COp,Pp,CHp
101-27-10280	Bostwick Bay SW Side	Moderate	21	10457	COp,Pp,CHp
101-27-10300	Bostwick Inlet Mid W	Moderate	7	2071	COp,Pp
101-27-10360	Bostwick Creek	Moderate	34	18919	COp,Pp,CHp,SHp
101-27-10520	Blank Inlet South	Moderate	2	2775	Pp
101-27-10560	Blank Head West	Moderate	5	3750	Pp
101-27-10610	Blank Creek	Moderate	9	2013	COp,Pp
101-29-10060	Vallendar Creek	Moderate	34	17343	COp,Pp,CHp,SHp
101-29-10110	Grant Creek	Moderate	14	3332	COp,Pp,SHp
101-29-10170	Deeanna Creek	Moderate	3	1500	COp,Pp
101-30-10050	Quadra Creek	Moderate	17	3177	COp,Pp
101-30-10090	Weasel Cove Head	Moderate	33	10190	COp,Pp,CHp,DVp,CTp
101-30-10120	Badger Bay Head	Moderate	31	5160	Sp,COp,Pp,CHp,SHp
101-30-10150	Badger Bay East Head	Moderate	7	2829	COp,Pp,CHp
101-30-10210	Boca de Quadra Left	Moderate	1	1000	COp,Pp,DVs
101-30-10300	Keta River	High	34	155760	Kp,COp,Pp,CHp,SHp
101-30-10600	Marten River	High	34	97728	Kp,COp,Pp,CHp,SHp
101-30-10700	Red River	Moderate	1	770	COp,Pp,CHp
101-30-10750-2004	Cobb Creek	Moderate	10	1355	Ss,COp,Pp,SHp
101-30-10750	Sockeye Ck-Hugh Smit	Moderate	4	4000	Sp,COp,Pp,CHp,SHp,DVs
101-30-10750-2006	Buschmann Creek	Moderate	10	782	Ss,COp,Pp,SHp

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
101-30-10800	Mink Bay East Side	Moderate	1	1500	COp,Pp
101-30-10830	Humpback Creek	High	34	151648	COp,Pp,CHp,SHp
101-30-10890	Mink Creek	Moderate	30	9507	COp,Pp,CHp
101-30-10930	Vixen Bay Left	Moderate	9	775	COp,Pp,CHp
101-30-10950	Vixen Bay Head	Moderate	32	4436	COp,Pp,CHp,SHp,DVp
101-41-10120	Coho Cove Creek	Lesser	3	100	COp,Pp,SHp
	Coho Creek	Moderate	1	1500	
101-41-10250	Lucky Cove	Moderate	29	4315	Sp,COp,Pp,CHp,SHp
101-41-10370	South Point Sykes	Moderate	5	2086	COp,Pp,CHp
101-41-10390	South Point Sykes	Lesser	3	247	COp,Pp
101-41-10430	Black Island Creek	Moderate	7	1250	COp,Pp,CHp,SHp
101-41-10570	Cascade Inlet Creek	Moderate	3	1267	COp,Pp,CHp
101-41-10670	Nadzaheen Creek	Moderate	17	13765	COp,Pp,CHp
101-43-10050	Moth Bay Creek	Moderate	2	1000	COp,Pp
101-43-10090	Eve Point Creek	Moderate	2	1350	Pp
101-43-10190	NW of Snipe Island	Moderate	3	550	COp
101-43-10230	West of Mink Island	Moderate	8	1275	COp,Pp
101-43-10250	NW of Mink Island	Moderate	5	735	COp,Pp
101-43-10270	Mop Creek	Moderate	12	648	Pp
101-43-10270	NW of Mop Point	Lesser	1	100	Pp
101-43-10290	Pop Creek	Moderate	24	3169	COp,Pp,CHp
	Pop Point Creek	Moderate	12	3846	
101-43-10330	Fish Creek Thorne A	Moderate	27	6311	COp,Pp,CHp,SHp,DVp
101-43-10410	Sea Level Creek	Moderate	31	2743	COp,Pp,CHp,SHp
101-43-10470	South of Sea Level	Moderate	3	683	COp,Pp
101-43-10570	2nd N of Notch Mt	Lesser	1	100	Pp
101-43-10630	Thorne Arm SW	Moderate	3	593	COp,SHp
101-45-10070	Herring Cove	Moderate	16	5425	COp,Pp,CHp
101-45-10120	Beaver Falls	Moderate	2	6500	Pp,CHp
101-45-10160	Mahoney Lake Creek	Moderate	16	1287	Sp,COp,Pp,CHp,SHp,DVp
101-45-10190	1st N of Mahoney Lk	Lesser	2	227	Pp
101-45-10240	White River	High	34	55454	COp,Pp,CHp,SHp
101-45-10300	Bull Creek	Moderate	8	2863	Pp
101-45-10320	Leask Creek	Moderate	26	6596	Sp,COp,Pp,DVp,CTp
101-45-10380	Salt Chuck George In	Moderate	32	10042	Sp,COp,Pp,CHp,SHp
101-45-10400	Up Chuck Creek	Moderate	11	8068	Pp,CHp
101-45-10420	Salt Lagoon Right	Moderate	20	12360	Pp,CHp
101-45-10450	Tsa Cove	Moderate	1	1361	COsr,Ps
101-45-10460	Coon Creek	Moderate	5	2840	Pp
101-45-10590	Surprise Creek	Moderate	4	4413	Pp
101-45-10600	Carroll Inlet	Moderate	1	1200	COp,Pp
101-45-10640	Carroll Inlet	Lesser	2	475	COp,Pp,CHp
101-45-10670	Buckhorn Lake Creek	Moderate	3	2200	COp,Pp
101-45-10710	Carroll Inlet W Side	Moderate	5	1454	COp,Pp
101-45-10730	Gunsight Creek	Moderate	9	3494	COp,Pp
	Nigelius Creek	Moderate	20	7400	

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
	Carroll Creek	High	34	130916	
	Bush Creek	Moderate	2	1744	
101-45-10800	Falls Creek	Lesser	2	400	Ps,CHs
101-45-10880	Shoal Creek	Moderate	10	1890	COp,Pp,CHp,SHp
101-45-10900	Shoal Creek	Moderate	5	3180	COp,Pp
101-45-10920	Gnat Cove	Moderate	7	3679	COp,Pp
101-45-10940	Spit Creek	Moderate	23	5863	COp,Pp,CHp,SHp
101-45-10950	South of Brunn Point	Lesser	1	203	Ps
101-47-10090	Whipple Creek	Moderate	9	1852	COp,Pp
101-47-10150	Ward Creek	Moderate	10	3895	Sp,COp,Pp,CHp,SHp,DVp
101-47-10180	Carlanna Creek	Lesser	2	264	COp,Pp,CHp
101-47-10200	Hoadley Creek	Moderate	5	902	COp,Ps
101-47-10250	Ketchikan Creek	High	22	46040	Sp,Kp,COp,Pp,CHp,SHp,CTp
101-47-10300	Saxman Creek	Moderate	9	966	Pp,CHp
101-41-10005	Adams Creek	Lesser	3	256	Ps
101-47-10350	Long Lake Creek	Lesser	1	100	COp
101-47-10450	Tongass Narrows	Moderate	2	3400	COp,Pp
101-47-10500	Lewis Reef	Moderate	10	3750	COp,Pp,CHs
101-47-10550	Tongass Narrows	Moderate	3	1467	COp,Pp
101-47-10600	Gravina East Side	Moderate	5	2630	COp,Pp
101-47-10650	East Rock Point Ck	Moderate	3	1450	Pp
101-51-10060	Checats Creek	Moderate	8	2444	Sp,COp,Pp,CHp,SHp,DVp,CTp
101-51-10100	Winstanley Creek	Moderate	6	2783	COp,Pp,CHp,SHp
101-51-10130	Behm Canal	Moderate	7	1143	COp,Pp
101-51-10300	Dungeness Creek	Moderate	4	2475	COp,Pp,CHp,SHp
101-51-10320	Roe Point	Moderate	1	3000	COp,Pp,CHp
101-51-10340	Behm Canal	Lesser	2	450	COp,Pp,CHp
101-51-10380	Island Creek	Lesser	2	250	COp,Pp,CHp
101-51-10400	South of Roe Point	Moderate	1	1000	COp,Pp,CHp
101-51-10670	Kaari Creek	Moderate	2	1075	COp,Pp,CHp
101-51-10780	Princess Bay Head	Lesser	1	150	COp,Pp,CHp
101-51-10810	Wasp Creek	Lesser	1	200	Pp
	Ella Point	Moderate	2	1000	
101-51-10900	Ella Creek	Moderate	3	767	COp,Pp,CHp
101-51-10930	Tramp Creek	Moderate	2	1750	Pp
101-51-10970	Sargent Bay	Moderate	4	1275	Sp,COp,Pp,CHp
101-55-10090	Cabin Creek	High	34	26533	Sp,COp,Pp,CHp,SHp,CTp
101-55-10200	Wilson River	High	34	246855	Kp,COp,Pp,CHp,SHp
101-55-10400	Blossom River	High	34	106524	Kp,COp,Pp,CHp,SHp
101-55-10500	Wolverine Creek	Moderate	8	6200	COp,Pp,CHp
101-55-10600	Bakewell Creek	Moderate	25	17949	COp,Pp,CHp,SHp
101-55-10650	Bakewell Right Head	Moderate	5	1589	Pp
101-55-10700	Bakewell Arm	Moderate	3	1733	COp,Pp,CHp
101-55-10730	Bakewell Lake Creek	Moderate	8	2519	Sp,COp,Pp,CHp,SHp
101-55-10870	Red Creek	Moderate	15	1700	COp,Pp,SHp
101-55-10900	Skull Creek	Moderate	27	8022	COp,Pp,CHp,SHp

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
101-55-10910	Smeaton Creek	Moderate	5	2800	Pp,CHp
101-55-10930	Carp Creek	Moderate	13	3631	COp,Pp,CHp,SHp
101-60-10090	Nooya Creek	Moderate	33	18986	COp,Pp,CHp
101-60-10150	Rudyerd Creek	Moderate	32	10924	COp,Pp,CHp,SHp
101-60-10200	Sandpiper Creek	Moderate	30	9757	COp,Pp,CHp
101-60-10250	Valentine Creek	Moderate	31	18095	COp,Pp,CHp
101-60-10300	Big Goat Creek	High	34	40647	Kp,COp,Pp,CHp
101-71-10040	Chickamin River	Moderate	4	2360	Kp,COp,Pp,CHp,SHp
101-71-10250	Walker Cove L Head	Moderate	31	10032	COp,Pp,CHp
101-71-10260	Walker Cove R Head	Moderate	30	8832	COp,Pp,CHp
101-71-10280	Walker Creek	High	33	40249	Kp,COp,Pp,CHp
101-71-10430	Manzanita Creek	Lesser	7	493	COp,Pp,CHp
101-71-10060	Clear Creek	Moderate	26	3981	Pp,CHp
	DJ Creek	Moderate	7	1139	
101-71-10040-2004	Choca Creek	Moderate	34	20240	Kp,Pp,CHp,SHp
101-71-10040-2005	Humpy Creek	High	34	31535	Ks,COp,Pp,CHp
101-71-10040-2006	King Creek	High	34	42712	Ks,COp,Pp,CHp,SHp
101-71-10040-2015	Leduc River	Lesser	1	50	Kp,COp,Pp,CHp,SHp
101-71-10500	Grace Creek	Moderate	21	9773	COp,Pp,CHp,SHp
101-71-10570	Grace Cove North	Moderate	1	865	COp,Pp,CHp
101-71-10590	Gorge Creek	Moderate	2	800	COp,Pp,CHp
101-71-10630	Portage Creek	High	34	28614	COp,Pp,CHp,SHp
101-71-10680	Slide Creek	Moderate	3	21615	COp,Pp,CHp
101-75-10600	Cliff Creek	Lesser	1	100	COp
101-75-10050	Herman Creek	High	34	45638	Kp,COp,Pp,CHp
101-75-10100	Grant Creek	High	32	40067	Kp,COp,Ps,CHs,SHp
101-75-10150	Eulachon River	Moderate	34	13880	Ks,COs,Ps,CHs,SHs
101-75-10300	Unuk River	Lesser	4	343	Sp,Kp,COp,Pp,CHp,SHp,DVp
101-75-10500	Klahini River	Moderate	34	23278	Sp,Ks,COs,Ps,CHs
101-75-10690	Ritzgibbon Cove	Lesser	1	1	Pp
101-75-10700	Fitzgibbon Creek	Lesser	1	17	Pp
101-75-10760	Saks Creek	Moderate	30	12587	COp,Pp,CHp,SHp
101-75-10800	Robinson Creek	Moderate	20	20725	COp,Pp,CHp,SHp
101-75-10830	Hat Creek	Lesser	1	70	Pp
101-75-10850	Indian Creek	Lesser	2	264	Pp
	Clear Creek-Unuk R	Moderate	2	766	
	Genes Lake CreekUnuk	Lesser	3	210	
101-75-10300-2014	Lake Creek-Unuk R	Moderate	1	1500	Kp,COp,Pp,CHp,SHp,DVp
	Cripple Ck-Unuk R	Lesser	4	335	
101-80-10030	Cow Creek	Moderate	34	21139	COp,Pp,CHp,SHp
101-80-10050-2001	Beaver Creek	Moderate	1	1200	Pp
101-80-10150	Klam Creek	Moderate	2	3100	COp,Pp,CHp
101-80-10200	Klu Creek	Moderate	11	4691	COp,Pp,CHp
101-80-10340	Spacious Bay #1	Moderate	6	2100	COp,Pp
101-80-10360	Spacious Bay SE	Moderate	15	1707	COp,Pp
101-80-10380	Spacious Bay South	Moderate	7	1457	COp,Pp,SHr,CTr

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
101-80-10400	Wasta Creek	Moderate	29	7559	COp,Pp,CHp,SHp
101-80-10500	Spacious Bay R Head	Moderate	25	7424	COp,Pp,CHp,SHp,DVp,CTp
101-80-10520	Margarita Creek	Moderate	20	4199	COp,Pp
101-80-10560	NE Spacious Bay	Moderate	3	1933	Pp
101-80-10600	Sea Lion Cove	Moderate	29	7634	COp,Pp,CHp
101-80-10630	Yes Bay Head	Moderate	3	1850	Pp
101-80-10660	Yes Bay Left	Moderate	7	3514	COp,Pp,CHp
101-80-10680	Wolverine Creek	Moderate	13	4295	Sp,Kp,COp,Pp,CHp,SHp,DVp
101-80-10700	Hatchery Ck-Yes Bay	Moderate	25	5883	Ps
101-80-10730	Shelekum Creek	Moderate	4	5763	Pp,CHp
101-80-10750	Bailey Bay Left Head	Moderate	5	9460	Pp
101-80-10840	Short Creek	Moderate	28	14324	Sp,COp,Pp,SHp,DVp
	Sprig Creek	Moderate	6	3760	
101-80-10930	Anchor Creek	Moderate	3	1167	COp
101-80-10990	Bell Creek	Moderate	1	2500	COp,Pp,CHp,SHp
101-90-10070	Neets Bay NW	Moderate	1	2300	COp,Pp
	Neets Bay NE	Moderate	1	1200	
101-90-10100	Neets Bay	Lesser	2	162	Sp,COp,Pp,CHs
101-90-10110	Neets Bay SE	Moderate	1	1180	Pp
101-90-10120	Neets Bay SW	Moderate	1	650	Pp
101-90-10290	Traitors Cove Creek	High	34	98810	COp,Pp,CHp,SHp
101-90-10330	Traitors Cove South	Moderate	1	17200	Pp
101-90-10370	Traitors Lagoon Ck	Moderate	2	650	Pp
101-90-10390	Marguerite Creek	Moderate	25	9438	Sp,COp,Pp,CHp,SHp
101-90-10480	Loring Creek	Moderate	17	2682	Pp,CHp
101-90-10500	Naha River	High	34	62930	Sp,COp,Pp,CHp,SHp,DVp
101-90-10590	Kline Creek	Moderate	8	1800	Pp,CHp
101-90-10600	Wolf Creek	Moderate	21	4768	COp,Pp,CHp
101-90-10610	Moser Bay	Moderate	30	8214	Pp
101-90-10620	Moser Bay Right Head	Moderate	12	8828	COp,Pp,CHp
101-90-10640	Lottery Creek	Moderate	6	2145	Pp
	Sandes Creek	Moderate	1	2000	
101-90-10680	Lunch Creek	Moderate	25	5811	Pp
101-90-10690	2nd Waterfall Creek	Moderate	11	5468	Pp
101-90-10700	1st Waterfall Creek	Moderate	10	3915	Pp
101-90-10710	Bond Bay South	Moderate	27	9015	COp,Pp,CHp
101-90-10720	Bond Bay North	Moderate	29	11248	COp,Pp,DVp,CTp
101-90-10730	North of Bond Bay	Moderate	3	700	COp,Pp
101-90-10740	Smugglers Cove Mid	Moderate	1	1000	COp,Pp,CHp
101-90-10750	Smugglers Creek	Moderate	22	3465	Pp
101-90-10760	Falls Ck/Smuggler Cv	Moderate	25	3808	COp,Pp,CHp
101-90-10770	Steers Creek	Moderate	4	1500	COp,Pp,CHp
101-90-10780	Gold Standard Creek	Moderate	6	617	COp,Pp,CHp
101-90-10800	Helm Bay Head	Moderate	34	19189	COp,Pp,CHp,SHp
101-90-10820	Steers Ck Helm Bay	Lesser	4	495	COp,Pp,CHp
101-90-10830	Helm Bay Outer N Hd	Moderate	5	1980	COp,Pp,CHp

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
101-90-10840	Helm Lake Creek	Moderate	33	5814	Sp,COp,Pp,SHp,DVp
	Helm Point Creek	Lesser	2	75	
101-90-10859	Granite Ck/Raymnd Cv	Moderate	30	4278	COp,Pp,CHp,SHp,CTp
101-90-10870	Wadding Creek	Moderate	13	1219	COsr,Ps
101-90-10880	Port Stewart	Moderate	10	2205	Pp
101-90-10890	Port Stewart	Moderate	12	2074	COp,Pp,CHp
101-90-10900	Deanna Creek	Moderate	16	3436	Pp,CHp
101-90-10910	Stewart Creek #3	Moderate	6	3519	Pp
101-90-10930	Stewart Creek	Moderate	34	15970	COp,Pp,CHp,SHp
101-90-10940	N of Port Stewart	Moderate	3	1433	COp,Pp,CHp
101-90-10960	Heckman Creek	Moderate	19	3137	COp,Pp,SHr,CTr
101-90-10970	Heckman Point North	Moderate	19	1937	COr,Pp
101-90-10975	Potter Creek	Moderate	1	1500	COr
101-90-10705	Trollers Creek	Moderate	1	1000	Pp
102-10-10050	Kendrick B N Outside	Moderate	1	1000	COp,Pp,CHp
102-10-10100	W Arm Kendrick Bay	Moderate	2	1250	COp,Pp
102-10-10150	Kendrick Creek	Moderate	6	1436	COp,Pp,CHp
102-10-10200	Short Arm Kendrick B	Moderate	2	981	COp,Pp,CHp
102-10-10230	Kendrick Bay S Arm	Lesser	1	500	Pp,CHp
102-10-10390	McLean Arm Head	Moderate	2	2350	COp,Pp
102-10-10430	McLean Arm	Moderate	1	800	COp,Pp,SHp
102-10-10510	South Stone Rock Bay	Moderate	1	1550	COp,Pp
102-10-10600	Nichols Lake Creek	Moderate	2	1479	Sp,COp,Pp,SHp,DVp
102-20-10400	Dolomi Creek	Moderate	11	1768	Sp,COp,Pp,DVp
	Dall Bay NW	Lesser	1	250	
102-30-10100	Outer Moira Sound	Lesser	1	300	COp,Pp
102-30-10130	Johnson Cove	Moderate	2	4250	Pp
102-30-10150	Johnson Cove E Side	Moderate	6	4185	Pp
102-30-10170	Johnson Cove Creek	Moderate	30	7128	Sp,COp,Pp,CHp,SHp
102-30-10280	Perkins Creek	Moderate	34	7398	Sp,COp,Pp,CHp
102-30-10310	Moira S Arm	Moderate	3	15833	Sp,COp,Ps,CHp
102-30-10330	Bilbo or Kokan Creek	Moderate	10	7810	COp,Pp,CHp
	Moira S Arm Head SE	Moderate	22	8359	
102-30-10370	Moira S Arm Head S	Moderate	30	9756	COp,Pp,CHp
102-30-10400	Moira S Arm Head SW	Moderate	21	8876	COp,Pp,CHp
102-30-10430	Moira S West Head	Moderate	9	5758	Sp,COs,Ps,CHs
102-30-10430	Sick Creek	Moderate	19	5800	Sp,COs,Ps,CHs
102-30-10460	West Arm Moira Sound	Moderate	2	2250	Pp
102-30-10470	West Arm Moira Sd Hd	Moderate	19	4418	COp,Pp,CHp
	Frederick Cove North	Moderate	5	13036	
102-30-10510	Frederick Creek	Moderate	30	15702	Pp,CHp
102-30-10530	West Arm Moira Sound	Moderate	3	5882	Pp
102-30-10550	Dickman Bay NW Mid	Moderate	1	1100	Pp
102-30-10570	Dickman Bay L Arm Hd	Moderate	10	2721	COp,Pp
102-30-10590	Dickman Bay NW Head	Moderate	5	5664	COp,Pp,CHp
102-30-10610	Dickman Bay Head	Moderate	19	2309	Sp,COp,Pp,CHp

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
102-30-10630	Dickman Bay	Moderate	22	4784	Sp,COp,Pp,CHp
102-30-10650	Kugel Creek	Moderate	28	6179	Sp,COp,Pp,CHp,SHp
102-30-10670	Kegan Cove	Moderate	31	9428	Sp,COp,Pp,CHp,DVp
102-30-10720	Niblack Anch S Side	Moderate	3	1001	Pp,CHp
102-30-10750	Niblack Anch Head	Lesser	3	486	COp,Pp,CHp
102-30-10816	Cannery Creek	Moderate	4	5497	Pp
102-30-10870	Aiken Cove	Moderate	33	16664	COp,Pp,CHp
102-30-10890	Miller Lake Creek	Moderate	27	11139	Sp,COp,SHp,DVp
102-30-10910	Nowiskay Creek	Moderate	1	2100	COp,Pp,CHp
102-30-10950	Adams Point	Lesser	1	50	Pp
102-40-10050	Cholmondeley Sd East	Moderate	3	3100	COp,Pp
102-40-10070	Lancaster Cove East	Moderate	18	8550	COp,Pp,CHp
102-40-10090	Lancaster Cove East	Moderate	26	13174	COp,Pp,CHp
102-40-10110	Lancaster Cove East	Moderate	23	7849	COp,Pp,CHp,SH
102-40-10130	Kitkun Bay NE Side	Moderate	24	9097	Pp,CHp
102-40-10140	Kitkun Bay #1	Moderate	9	3272	Pp
102-40-10150	Kitkun Bay SE Side	Moderate	25	2944	COp,Pp,CHp,SH
102-40-10170	Kitkun Bay	Moderate	26	5672	COp,Pp,CHp
	Kitkun Bay Head SE	Moderate	3	2433	
102-40-10220	Kitkun Bay Head	Moderate	9	3365	Pp,CHp
102-40-10250	Kitkun Bay SW Head	Moderate	4	7275	Pp,CHp
	Kitkun Bay Head	Moderate	7	2077	
102-40-10280	Brennen Lake Creek	Moderate	7	5814	Pp
102-40-10310	2nd E of Dora Bay	Moderate	1	1100	COp,Pp,CHp
102-40-10320	1st E of Dora Bay	Moderate	3	1888	Ps,CHs
102-40-10330	Dora Lake Creek	Moderate	8	5129	Sp,COp,Pp,CHp,DVp
102-40-10350	Dora Bay West	Moderate	6	8346	COp,Pp,CHp
	South Arm M E	Moderate	2	7800	
	Gallatin Creek	Moderate	3	1433	
102-40-10430	Disappearance Creek	High	34	25427	Pp,CHp
	Hd Cholmondeley Sd	Moderate	18	4241	
102-40-10470	W of Disappearance	Moderate	30	12313	COp,Pp,CHp
102-40-10490	South Arm M W	Moderate	4	5478	COp,Pp,CHp
102-40-10520	Cannery Creek W Arm	Moderate	31	11360	Pp,CHp
102-40-10570	W Arm Cholmondeley S	Moderate	2	2500	Pp,CHp
102-40-10600	Lagoon Creek	High	34	69898	COp,Pp,CHp,SHp
	Cholmondeley S Hd W	Moderate	3	1502	
102-40-10710	W Arm Chol Sd Head	Moderate	31	14114	Pp,CHp
	Chol West Arm S Head	Moderate	11	8727	
102-40-10730	W Arm Chol Sd Head	Moderate	33	10170	COp,Pp,CHp
102-40-10870	Sunny Creek	High	34	57135	Sp,COp,Pp,SHp
102-50-10210	Clover Creek	Moderate	14	7037	Sp,COp,Pp,CHp,SHp
102-50-10220	Clover Creek	Moderate	4	6625	Pp,CHp,SHp
102-50-10350	Trollers Creek	Moderate	1	6051	COp,Pp
102-50-10370	Spiral Cove Creek	Moderate	1	4844	COp,Pp
102-60-10050	Saltery Cove Creek	Moderate	24	2348	COp,Pp,CHp

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
102-60-10070	S Hd Saltery Cove Ck	Moderate	13	1481	Pp
102-60-10140	McKenzie Creek	Moderate	32	6961	COp,Pp,CHp
102-60-10160	Omar Creek	Moderate	31	7899	COp,Pp,CHp
102-60-10180	McKenzie Inlet W. Sh	Moderate	2	2500	Ps
102-60-10240	Old Tom Creek	Moderate	34	19130	Sp,COp,Pp,CHp,SHp,DVp
102-60-10300	Goose Bay Creek	Moderate	26	3110	COp,Pp,CHp
102-60-10330	Polk Inlet East Side	Moderate	2	4700	Ps
102-60-10340	Inlet Creek	Moderate	2	17010	Ps
102-60-10360	Polk Creek	Moderate	23	8600	COp,Pp,CHp
102-60-10370	Rock Creek	Moderate	33	11727	COp,Pp,CHp,SHp
102-60-10380	Dog Salmon Creek	Moderate	34	13155	Sp,COp,Ps,CHp,SHp,DVp,CTp
102-60-10390	142F Creek	Moderate	20	6089	COp,Pp,CHp
102-60-10400	Polk Inlet	Moderate	11	3087	Pp,CHp
102-60-10420	Cabin Creek Polk In	Moderate	30	6810	COsr,Pp,CHp,SHp,DVp,CTp
102-60-10440	Old Franks Creek	Moderate	17	7554	COr,Pp,CHp
102-60-10480	Virginia Creek	Lesser	1	411	COp,Pp
102-60-10580-2002	Hundred Thousand Ck	Moderate	2	1311	COp,Pp,CHp
102-60-10600	West of Kasaan Is	Lesser	1	20	Pp
102-60-10640	Little Coal Bay	Lesser	2	122	Pp
102-60-10650	North Coal Creek	Moderate	1	1100	Pp
102-60-10660	Coal Bay	Moderate	3	1833	COp,Pp,CHp
102-60-10680	Kina Creek	Moderate	30	9860	Sp,COp,Pp,DVp,CTp
102-60-10690	Twelvemile Arm	Moderate	3	6917	Ps
102-60-10700	Across from Harris R	Lesser	1	500	DVp,CTp
102-60-10720	Twelvemile Creek	High	34	51120	COp,Pp,CHp,SHp
102-60-10800	Indian Creek	Moderate	14	9643	COp,Pp,CHp,SHp,DVp,CTp
102-60-10820	Harris River	High	34	159474	COp,Pp,CHp,SHp
102-60-10835	Road Creek	Lesser	1	200	Pp
102-60-10840	Maybeso Creek	High	33	28758	COp,Pp,CHp,SHp
102-60-10870	Karta River	High	28	38569	Sp,COp,Pp,CHp,SHp,DVp,CTp
102-60-10870-2021	McGillvery Creek	Lesser	13	292	Sp,COp,SHp
102-60-10870-2022	Andersen Creek	Lesser	12	432	Sp,COp,SHp
102-60-10930	Paul Young Creek	Moderate	4	1550	COp,Pp,CHp,SHp,CTp
102-60-10970	Poor Man Creek	Moderate	10	4755	COp,Pp,DVp,CTp
102-60-10980	Sunny Hat Creek	Moderate	13	4273	COp,Pp
102-60-10990	Kasaan Village Creek	Moderate	25	5488	Pp
102-70-10110	Kassan Peninsula #3	Moderate	2	2000	COp,Pp
102-70-10280	Windfall Creek	Moderate	16	7425	COr,Pp
102-70-10410	Tolstoi Creek	Moderate	10	3740	COp,Ps
102-70-10490	BB Creek	Moderate	3	8833	COp,Pp
102-70-10510	Loon Creek	Moderate	3	6933	COsr,Ps
102-70-10580	Thorne River	High	28	77844	Sp,COp,Pp,CHp,SHp,DVp,CTp
102-80-10070	3 Island (Tree) Ck	Moderate	3	1333	COp,Pp,CHp
102-80-10100	S of Three Tree Is	Moderate	2	1600	COp,Pp
102-80-10130	S of Three Tree Is	Moderate	5	9040	COp,Pp,CHp,SHp
102-80-10170	Jims Creek	Moderate	6	4750	COp,Pp,CHp

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
102-80-10210	Below Ship Island	Moderate	1	2100	COp,Pp,CHp
103-11-10110	Biscuit Lagoon North	Moderate	6	5983	Pp,CHp
103-11-10130	Biscuit Lagoon Left	Moderate	7	2571	Sp,Pp,CHp,DVp
103-11-10150	Biscuit Lagoon Right	Moderate	9	2412	Pp
103-11-10190	Hunter Bay E Head	High	33	46606	Sp,COp,Pp,CHp,SHp
103-11-10200	Tah Creek	Moderate	8	1475	COp,Pp,CHp
	Eric Creek	Moderate	2	7050	
103-11-10250	Hessa Inlet	Moderate	14	8620	SHp,DVp
103-11-10270	Hessa Inlet	Moderate	8	9590	Pp,SHp
103-11-10290	Hessa Inlet Mid East	Moderate	3	1100	Pp,CHp
103-11-10310	Hessa Inlet	Lesser	3	483	Pp,DVp
103-11-10350	Little Datzkoo Head	Moderate	25	2553	COp,Pp,CHp
103-11-10390	Datzkoo Point Creek	Moderate	14	1682	COp,Pp
103-11-10400	Datzkoo Harbor Mid	Lesser	3	417	COp,Pp
103-11-10410	Datzkoo Harbor Head	Moderate	28	4834	COp,Pp,CHp
103-11-10430	N Shore Datzkoo Har	Moderate	12	1067	COp,Pp
103-15-10070	Klakas Inlet Left	Moderate	2	1500	COp,Pp
103-15-10100	Klakas Inlet W Side	Moderate	24	11004	COp,Pp
103-15-10130	Klakas Inlet W Side	Moderate	5	8200	Pp
103-15-10140	Klakas Inlet W Side	Moderate	16	6313	Pp
103-15-10160	Klakas Left Head	Moderate	19	13074	COp,Pp,CHp
103-15-10170	Klakas Head	Moderate	22	14483	COp,Ps,CHp
103-15-10230	Klakas Right Head	High	34	57891	COp,Pp,CHp,SHp
103-15-10240	Klakas Inlet	Moderate	9	3978	Pp
103-15-10270	Klakas Lake Creek	High	30	25118	Sp,COp,Pp,CHp,SHp
103-15-10300	Below Klakas	Moderate	10	8140	Pp
103-15-10330	Klakas Inlet South	Moderate	5	11640	COp,Pp
103-15-10360	Max Cove	Moderate	15	8667	Sp,COp,Pp,CHp
103-15-10390	Max Cove East	Moderate	5	4460	COp,Pp,CHp
103-21-10050	Nutkwa Creek North	High	19	27250	COp,Pp
103-21-10080	Nutkwa Creek	High	34	166679	Sp,COp,Pp,CHp,SHp
103-21-10180	Keete Inlet N Arm Hd	Moderate	9	3348	COp,Pp,CHp
103-21-10220	Keete Inlet N Arm Hd	Moderate	11	1053	COp,Pp
103-21-10250	Keete Inlet SE Head	Moderate	7	1098	COp,Pp,CHp
	Keete Inlet South	Moderate	1	800	
103-21-10280	Hassiah Inlet	Moderate	2	2750	COp,Pp,CHp
103-21-10310	Mabel Bay	Lesser	1	59	COp,Pp,CHp
103-21-10350	Kassa Inlet NW	Moderate	1	700	COp,Pp,CHp
103-21-10390	Clam Creek	Moderate	1	1800	COp,Pp,CHp
103-21-10420	Elbow Creek	Moderate	2	2266	COp,Pp,DVp
103-21-10480	Dova Bay	Moderate	3	1037	COp,Pp,CHp
103-25-10050	Saltery Creek	High	34	27515	COp,Pp,CHp
103-25-10070	Sukkwan Strait Creek	Moderate	10	4450	COp,Pp,CHs
103-25-10090	Eek Creek	Moderate	1	11000	Ss,COp,Pp,SHr
103-25-10150	Deer Creek	High	34	41311	COp,Pp,CHp
103-25-10200	Hetta Inlet	Moderate	6	6367	Ps

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
103-25-10220	Perry Creek	Moderate	7	3886	Pp,CHp
103-25-10250	Beaver Creek	Moderate	9	3850	COp,Pp,CHp
103-25-10300	Hetta Portage Creek	High	34	107158	COp,Pp,CHp
103-25-10370	Junbo Creek	Moderate	3	3333	COp,Pp
103-25-10390	Copper Harbor North	High	1	35000	Pp
103-25-10420	Coppermount Harbor	High	32	27051	COp,Pp,CHp
103-25-10440	Wright Creek	Moderate	1	11000	Pp
	Jade Creek	Moderate	1	5000	
103-25-10470	Hetta Lake Creek	Moderate	29	11726	Sp,COp,Pp,CHp,SHp,DVp
103-25-10500	Jade Creek	Moderate	5	6060	COp,Pp
103-25-10600	Tommy Creek	Moderate	2	1200	COp,Pp
103-25-10630	E Sukkwan Island	Lesser	1	400	Pp
103-25-10650	Heather Creek	Moderate	8	3463	COp,Pp
103-30-10070	Shoe Inlet	Lesser	1	51	COp,Pp,CHp
103-30-10100	Bolles Inlet North	Moderate	1	4800	COp,Pp
103-30-10160	S Kaigani Harbor	Moderate	5	2140	COp,Pp,CHp
103-30-10180	Kaigani Harbor	Moderate	17	2126	COp,Pp,CHp
103-30-10200	N North Kaigani Harb	Moderate	2	775	COp,Pp
103-30-10210	Pond Bay South	Moderate	5	1180	COp,Pp
103-30-10220	Pond Bay Creek	Moderate	14	2389	Pp,CHp
103-30-10230	Pond Bay North	Moderate	7	1995	Pp,CHp
103-30-10260	Above Pond Bay Creek	Moderate	10	1555	COp,Pp,CHp
	American Bay	Moderate	8	4681	
103-30-10310	Howkan Narrows	Moderate	3	7667	COp,Pp
103-30-10350	Ham Cove Creek	Moderate	27	4672	COp,Pp,CHp
103-30-10380	Keg Point Creek	Moderate	6	584	Pp,CHp
103-30-10400	Grace Harbor Creek	Moderate	33	4994	COp,Pp,CHp
103-30-10430	Vesta Bay	Moderate	28	2966	COp,Pp,CHp
103-30-10460	Rose Inlet	Moderate	29	2628	COp,Pp,CHp
103-40-10010	Barry Creek	Moderate	18	7194	Ps
103-40-10020	Tlevak Creek	Moderate	10	2800	COp,Pp
103-40-10030	Soda Bay NW Side R	Moderate	32	14537	COp,Pp,CHp
103-40-10060	Cat Creek	Moderate	1	6000	Pp
103-40-10070	Soda Bay	Moderate	14	5755	COp,Pp
103-40-10090	Shelikof Creek	Moderate	32	19533	COp,Pp,CHp
103-40-10110	Soda Bay NE Side	Moderate	8	4113	COp,Pp
103-40-10130	Soda Creek	Moderate	19	6401	COp,Pp
103-40-10150	Soda Bay	Moderate	6	6435	COp,Pp
103-40-10170	Soda Bay	Moderate	5	8068	COpr,Pp
103-40-10180	Soda Bay	Moderate	4	1756	Pp
103-40-10240	North Pass	Lesser	1	60	COpr,Pp
103-40-10270	Goat Island Lake Ck	Moderate	1	730	COsr,Ps,CHs
103-40-10300	Flat Creek	Moderate	22	4977	COp,Pp,CHp
103-40-10320	Natzuhini NW Corner	Moderate	17	5588	Pp
103-40-10330	Natzuhini N Center	Moderate	12	20208	Pp
103-40-10350	Natzuhini NE Corner	Moderate	33	15191	COp,Pp,CHp,SHp

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
103-40-10370	Natzuhini Right Head	Moderate	4	6263	Pp
103-40-10390	Natzuhini Bay E Side	Moderate	31	5433	COp,Pp
103-40-10410	Hydaburg River	High	34	43835	COp,Pp,CHp,SHp
103-40-10460	Sukkwan Island	Lesser	5	405	Pp
103-40-10480	Dunbar Inlet N Shore	Moderate	25	6802	COp,Pp
103-40-10500	Dunbar Inlet Left Hd	Moderate	13	1966	Pp
103-40-10520	Dunbar Inlet Head	Moderate	16	4126	Ps
103-40-10540	Dunbar Inlet SE Head	Moderate	19	3091	COp,Pp
103-40-10630	Rose Point Creek	Moderate	14	3471	COp,Pp,CHp
103-40-10640	N of Rose Point Ck	Moderate	20	8838	COp,Pp,CHp
103-40-10650	Windy Cove	Lesser	6	301	Pp,CHp
103-40-10660	South Coco Harbor	Moderate	20	1364	Pp,CHp
103-40-10670	Coco Harbor Head	Moderate	28	4804	COp,Pp,CHp
103-40-10690	Green Creek	Moderate	6	4169	Pp
103-40-10710	South View Cove	Moderate	23	4377	Pp,CHp
103-40-10730	View Cove Head	Moderate	32	5537	Pp,CHp
103-40-10740	View Cove Right	Moderate	2	4050	Ps
103-40-10760	n of View Cove	Moderate	8	710	Pp,CHp
103-40-10780	Breezy Bay South	Moderate	20	1256	
103-40-10800	Breezy Bay Head	Moderate	32	5419	COp,Pp,CHp
103-40-10830	Farallon Bay South	Moderate	6	1125	Ps
103-40-10840	Farallon Bay W Head	Moderate	31	4237	COp,Pp,CHp
103-40-10860	North Bay	Moderate	26	3804	Pp
103-40-10870	North Bay Right	Moderate	4	5725	Ps
103-40-10865	North Bay Hd N	Moderate	7	1729	COr,Ps
103-40-10890	Lively Creek	Moderate	31	6282	COp,Pp,CHp
103-50-10050	Portillo Creek	Moderate	5	1420	COp,Pp
103-50-10070	San Fernando Is W Sd	Moderate	6	2985	COp,Pp
103-50-10090	Portillo Channel E	Moderate	7	843	COp,Pp,CHp
103-50-10110	San Fernando Is W Sd	Moderate	6	1017	Pp
103-50-10130	San Fernando Is W Sd	Moderate	11	1018	COp,Pp
103-50-10150	NE of Point Amargura	Moderate	1	6300	Pp
103-50-10200	Wood Creek	Moderate	4	2675	Ps
103-50-10210	Port Estrella Head	Moderate	31	8853	COp,Pp,CHp
103-50-10220	Port Estrella R Head	Moderate	22	7498	COp,Pp,CHp
103-50-10230	Port Estrella #1	Moderate	2	6750	Pp
103-50-10270	Waterfall Creek N	Moderate	24	8450	Pp,CHp
103-50-10290	Waterfall Creek S	Moderate	29	11562	COp,Pp,CHp,SHp
103-50-10310	Ulloa Bay West	Moderate	12	4513	Pp
103-50-10320	E of Waterfall Creek	Moderate	22	7950	COp,Pp,CHp,SHp
103-50-10330	Ulloa Bay #3	Moderate	11	5536	Ps
103-50-10340	E of Waterfall Creek	Moderate	13	6699	COp,Pp
103-50-10350	Ulloa Bay	Moderate	26	6954	COp,Pp,CHp
103-50-10420	Port Refugio E Arm	Moderate	27	5141	COp,Pp,CHp
103-50-10440	Port Refugio W Arm R	Moderate	26	4652	COr,Pp,CHp
103-50-10450	Port Refugio	Moderate	9	2283	COp,Pp,CHp

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
103-50-10470	Port Refugio W Arm S	Moderate	19	3438	COp,Pp,CHp
103-50-10480	Port Refugio W Arm H	Moderate	34	9185	COp
103-50-10490	Port Refugio North	Moderate	15	2410	COp,Pp
103-50-10510	Port Refugio North	Moderate	2	1600	COp,Pp,CHp
103-50-10530	North of Point Verde	Moderate	1	800	COp,Pp
103-50-10550	Ulloa Channel West	Moderate	1	1000	COp,Pp
103-50-10570	Pt Cangrejo Creek	Moderate	7	1314	COp,Pp
103-50-10600	Port Delores	Moderate	23	4961	COr,Pp,CHp
103-50-10610	Port Delores	Moderate	11	2932	Ps
103-50-10620	Port Delores West	Moderate	11	818	COsr,Ps,CHs
103-50-10630	Port Asumcion S Side	Lesser	2	400	Ps
103-50-10670	Port Asumcion N Left	Lesser	3	233	Pp,CHp
103-50-10690	Port Asumcion N Side	Lesser	5	350	COp,Pp
103-50-10720	Port Mayoral	Moderate	5	1420	COp,Pp,CHp
103-50-10740	Santa Rosa Creek	Moderate	10	875	COp,Pp,CHp
103-50-10750	Real Marina S Side R	Moderate	22	2227	COp,Pp,CHp
	Real Marina #1	Moderate	6	1273	
103-50-10770	Real Marina S Side M	Moderate	14	909	Pp,CHp
	Real Marina #2	Moderate	7	655	
103-50-10790	Real Marina S Side L	Moderate	20	2522	COp,Pp,CHp
103-50-10810	Real Marina N Side L	Moderate	5	670	COp,Pp,CHp
103-50-10830	Real Marina N Side M	Moderate	11	2280	COp,Pp,CHp
103-50-10850	Real Marina N Side R	Moderate	11	986	COp,Pp,CHp
103-50-10870	Real Marina Ranareef	Moderate	7	1719	COp,Pp,CHp
103-50-10890	Portillo Channel	Moderate	6	833	Pp,CHp
103-50-10900	Horse Clam Creek	Lesser	2	400	Pp
103-50-10920	Portillo Channel	Moderate	7	2421	COp,Pp,CHp
103-50-10940	N of Pt St Thomas	Lesser	2	450	COp,Pp,CHp
103-70-10340	S of Santa Gertuidis	Lesser	1	450	COp,Pp,CHp
	NW of Picnic Bay	Moderate	4	2575	
103-60-10030	Picnic Bay	Moderate	29	9669	COp,Pp,CHp
103-60-10050	Shinaku Inlet	Moderate	22	8685	COr,Pp
103-60-10070	2nd L from Shinaku	Moderate	16	6978	COp,Pp
103-60-10090	Shinaku Inlet	Moderate	25	10889	COr,Pp
103-60-10110	Shinaku Inlet N Side	Moderate	19	6510	COp,Pp,CHp,DVp
103-60-10130	Shinaku Creek	High	34	57666	COpr,Pp,CHp,SHpr,DVp
103-60-10140	Shinaku Inlet	Moderate	5	3440	Ps
103-60-10160	North Pass-Big Salt	Moderate	8	6350	Pp,CHp
103-60-10170	Shinaku Inlet	Moderate	5	7080	Pp,CHp
103-60-10180	Big Salt Northwest	Moderate	2	2150	Pp
103-60-10190	W of Big Salt Lake	Moderate	3	2667	Pp,CHp
103-60-10210	Shinaku Inlet	Moderate	2	1650	COp
103-60-10230	Big Salt Lake	Moderate	13	10086	COp
103-60-10250	Big Salt Lk N Side L	Moderate	32	20848	COp,Pp,CHp
103-60-10270	Big Salt Lk N Side M	Moderate	26	19110	COp,Pp,CHp,DVp
	Big Salt Lake #2	Moderate	3	19667	

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
103-60-10290	Steelhead Creek	High	34	60933	COp,Pp,CHp,SHp,DVp
103-60-10310	Blackbear Ck Big Slt	High	34	34167	Sp,COp,Ps,CHs,SHp,DVp
103-60-10330	Big Salt South Shore	Moderate	4	9250	Pp,CHp
103-60-10350	Dog Salmon Creek	Moderate	20	10370	COp,Pp,CHp
103-60-10370	Big Salt Lk SW Side	Moderate	22	7825	COp,Pp
103-60-10390	Big Salt Lake	Moderate	6	10129	COp,Pp
103-60-10400	Airport Ck N Klawock	Moderate	17	9118	COsr,Pp
103-60-10430	Airport Ck S Klawock	Moderate	25	12824	COp,Pp,CHp
103-60-10450	Trevor Creek	Moderate	9	6685	Pp
103-60-10470	Klawock River	High	34	114914	Sp,COp,Pp,CHp,SHp,DVp,CTp
103-60-10500	Crab Bay at Craig	Moderate	32	9202	Sp,COp,Pp,CHp,SHp
103-60-10570	St Nicholas N Side	Moderate	31	14159	COp,Ps,CHs
103-60-10590	Port St Nicholas Hd	High	34	49274	COp,Pp,CHp,SHp
103-60-10650	Doyle Creek	Moderate	33	12733	COp,Pp,CHp
103-60-10660	Doyle Bay East Side	Moderate	18	7094	Pp
103-60-10670	Doyle Bay South Head	Moderate	14	6629	Pp
103-60-10680	Doyle Bay SE Side	Moderate	6	800	Pp
103-60-10690	Canoe Creek	Moderate	9	4578	COp,Pp,CHp
103-60-10710	Trocadero B NW Side	Moderate	28	8937	COp,Pp,CHp
103-60-10730	Trocadero B N Side	Moderate	29	9725	Pp,CHp
103-60-10750	Trocadero Bay	High	34	55445	COp,Pp,CHp,SHr,DVp
103-60-10770	Trocadero B R Head	High	34	56636	COp,Pp,CHp,SHp
103-60-10790	Trocadero B S Side	Moderate	18	8360	Pp,CHp
103-60-10800	Second E of Deep Bay	Moderate	8	6851	Pp,CHp
103-60-10810	Little John Creek	Moderate	14	10343	Pp,CHp
103-60-10845	Inbetween Creek	High	2	26650	Ps
103-60-10830	First E of Deep Bay	Moderate	21	5912	COp,Pp,CHp
103-60-10850	Sandy Cove Right	Moderate	22	11214	COp,Pp,CHp
103-60-10850	Deep Bay	Moderate	32	22620	COp,Pp,CHp
103-60-10890	Perlas Point Creek	Moderate	28	15472	COp,Pp,CHp
103-60-10900	East of Caldera	Moderate	29	14027	COp,Pp
103-60-10920	Port Caldera	Moderate	34	11864	Pp,CHp
103-60-10930	West of Caldera	Moderate	27	6125	Pp,CHp
103-60-10950	North of Fern Point	Moderate	2	7500	COp,Pp
103-60-10970	S of Point Rolocano	Moderate	3	5267	COp,Pp
103-80-10570	South of St Phillips	Moderate	8	7125	COp,Pp
103-70-10050	James Creek	Moderate	32	10932	COp,Pp
103-70-10080	Goodrow Creek	Moderate	33	6915	COp,Pp,CHp
103-70-10110	11 Mile Creek	Moderate	33	18696	COp,Pp,CHp
103-70-10130	Cruz Cove South	Moderate	4	4000	Pp,CHp
103-70-10150	Cruz Cove Head	Moderate	16	7149	COp,Pp,CHp
103-70-10180	Cruz Cove North	Moderate	2	1300	COp,Pp,CHp
103-70-10200	W of Point St Lucia	Lesser	3	367	COp,Pp,CHp
103-70-10230	San Fernando Island	Moderate	4	3156	COp,Pp,CHp
103-70-10270	Pt Santa Rosalia E	Moderate	5	1500	COp,Pp,CHp
103-70-10290	San Fernando Island	Moderate	3	1367	COp,Pp,CHp

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
103-70-10330	Aguirre Bay	Moderate	6	1275	COp,Pp,CHp
103-70-10350	House Creek-Lulu Is	Moderate	8	3048	COp,Pp,CHp
103-70-10360	Lulu Island West	Moderate	1	2000	COp,Pp,CHp
103-70-10380	Lulu Island West	Moderate	2	1150	COp,Pp,CHp
103-70-10400	Lulu Is. W Side SE	Moderate	3	2033	COp,Pp,CHp
103-70-10470	Noyes Island	Moderate	1	800	Ps
	Lulu Island East	High	1	45000	
103-80-10150	Warm Chuck In SW	Moderate	31	6223	COp,Pp,CHp
103-80-10170	N of Cannery Creek	Moderate	6	4758	Pp
103-80-10190	Warm Chuck Head	Moderate	9	2111	Pp
103-80-10240	Warm Chuck NW Side	Moderate	24	9083	COp,Pp,CHp
103-80-10260	Warm Chuck Left Head	Moderate	33	11196	COp,Pp,CHp
103-80-10290	Warm Chuck R Head	Moderate	13	8209	COp
103-80-10310	Chuck Lake Creek	Moderate	30	7411	Sp,COp,Pp,SHp,DVp
103-80-10330	Chief Tonowek Creek	Moderate	9	9422	COp,Pp
103-80-10350	Nossuk Bay Left Head	Moderate	34	17996	COp,Pp,CHp
103-80-10360	Nossuk Bay R Head	Moderate	7	10315	COp,Pp
103-90-10370	Below Staney Creek	Moderate	10	3530	COp,Pp
103-80-10400	Nossuk Bay West	Moderate	1	2000	Pp
103-80-10420	Salt Lk Bay N Head	Moderate	27	14227	COp,Pp,CHp
103-80-10440	Salt Lk Bay Head	Moderate	33	9887	COp,Pp,CHp
103-80-10460	Salt Lk Bay R Head	Moderate	29	10049	COp,Pp,CHp
103-80-10500	S of Salt Lake Bay	Moderate	30	22097	COp,Pp,CHp
103-80-10530	Inside St Phillips N	Moderate	6	5850	COp,Pp,CHp
103-80-10560	Inside St Phillips S	Moderate	31	8049	COp,Pp
103-90-10040	Sarheen Cove	Moderate	34	23414	COs,Ps,CHs
103-90-10060	El Capitan East Side	Moderate	26	14640	COp,Ps,CHs
103-90-10070	Francisco Creek	Moderate	2	3500	Ps,CHs
103-90-10080	El Capitan Passage	Moderate	3	5567	COp,Pp
103-90-10090	Camp Creek	Moderate	2	750	COp,Pp
103-90-10140	Sarkar	Moderate	10	16520	Sp,COp,Pp,CHp,SHp,DVp,CTp
103-90-10140	Deweyville	High	1	30000	Sp,COp,Pp,CHp,SHp,DVp,CTp
103-90-10220	Tokeen North Head	Moderate	1	4000	Pp,CHp
103-90-10230	Tokeen Head	Moderate	2	2750	Pp,CHp
103-90-10250	Yatuk Creek	Moderate	30	16012	COp,Pp,CHp,SHp,DVp
103-90-10260	Naukati Creek	Moderate	32	11177	COp,Pp,CHp,DVp
103-90-10270	Gutchie Creek	Moderate	28	13554	COp,Pp,CHp
103-90-10280	Slow Creek	Moderate	22	11041	COp,Pp,CHs
103-90-10290	Kussan Point Creek	Moderate	7	8396	COp,Pp,CHs
103-90-10310	Staney Creek	High	34	107290	COp,Pp,CHp,SHp,DVp
103-90-10350	Tuxekan Passage	Moderate	15	7283	COp,Pp
103-90-10390	Tuxekan Passage	Moderate	8	4588	Pp
103-90-10410	Twin Mountain Creek	Moderate	4	3125	Pp
103-90-10420	Shaheen Creek	High	33	69064	Sp,COp,Pr,CHp,SHp,DVp
103-90-10440	Kaguk Cove	Moderate	10	3693	COp,Pp
	Kaguk Cove	Moderate	7	4186	

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
103-90-10510	Survey Creek	High	4	25275	COp,Pp,CHp
103-90-10560	Edna Bay	Moderate	3	1700	COp,Pp
103-90-10570	Edna Bay	Moderate	23	10065	COp,Pp
103-90-10580	Charley Creek	High	33	39041	COp,Pp,CHp
103-90-10590	Edna Bay Head	Moderate	22	18468	Pp
103-90-10610	Hamlin Creek	Moderate	26	5742	COp,Pp,CHp
103-90-10630	Van Sant Cove	Moderate	33	16322	COs,Ps,CHp
103-90-10640	Holbrook In W Side	Moderate	20	4140	COs,Ps,CHs
103-90-10650	Holbrook Inlet Head	Moderate	23	9270	COp,Pp,CHp
103-90-10660	Tokeen Bay Outside	Moderate	2	13500	Ps
103-90-10670	Tokeen Bay N Side	Moderate	25	8228	Ps,CHs
103-90-10690	Tokeen Bay Head	Moderate	34	22329	Sp,COp,Pp,CHp
103-90-10710	Tokeen Bay Right Hd	Moderate	16	7917	COs,Ps
103-90-10720	Tokeen Camp Creek	Moderate	29	14319	Sp,COp,Pp,CHp
	Tokeen Bay Southeast	Moderate	9	10145	
103-90-10750	Tenass Passage	Moderate	27	4082	COs,Ps,CHs
103-90-10770	Pyramid Creek South	Moderate	6	2750	COs,Ps
103-90-10780	El Capitan Passage	Moderate	9	1330	COs,Ps
103-90-10790	El Capitan W Side	Moderate	16	4096	COs,Ps,CHs
103-90-10800	Devilfish Bay Head	Moderate	31	21318	COp,Pp,CHp
103-90-10810	Devilfish Bay N Side	Moderate	34	14534	COp,Pp,CHp
	Devilfish B Inner R	Moderate	2	700	
104-10-10050	Essowah Bay	Moderate	2	3571	Sp,COp,Ps,SHp
104-10-10050-2007	Parrot Creek	Moderate	2	675	Sp,COp,Pp,SHp
104-20-10050	Hiik Arm Creek	Moderate	3	667	Pp,CHp
104-20-10100	Manhattan Creek	Lesser	1	200	Sp,COp,Pp,CHp,SHr
104-20-10180	Bar Creek	Moderate	2	1251	Ps
104-20-10200	Sakie Bay	Moderate	4	773	COp,Pp,CHp
104-20-10250	Fishermans Cove	Lesser	1	27	Pp,CHp
104-20-10650	Bazan Creek	Moderate	2	600	COp,Pp,CHp
104-20-10700	Port Bazan Head	Moderate	1	650	Pp
104-20-10750	Port Bazan	Lesser	1	50	COp,Pp
104-30-10050	Point Arboleda	Moderate	1	1400	COp,Pp,CHp
104-30-10100	Port Santa Cruz S	Moderate	3	2133	COp,Pp
104-30-10150	Port Santa Cruz	Moderate	3	733	COp,Pp,CHp
104-30-10330	Bobs Bay N	Moderate	2	4596	Pp,CHs
104-30-10350	Bobs Bay NE Arm	Moderate	7	1241	COp,Pp,CHp
104-30-10360	Bobs Bay SE	Lesser	1	55	COp,Pp,CHp
104-30-10370	Bobs Bay SW	Lesser	3	396	Pp,CHs
104-30-10400	Diver Bay	Moderate	4	527	COp,Pp,CHp
104-30-10450	Hole in the Wall Ck	Lesser	4	285	COp,Pp,CHp
104-30-10470	Diver Bay Head	Lesser	2	488	COp,Pp,CHs
104-30-10490	Foul Creek	Lesser	1	50	Ps
104-30-10550	Port San Antonio S	Lesser	2	150	Pp
104-30-10570	Pt San Antonio NW Hd	Moderate	3	1133	COp,Pp
104-30-10600	Poer San Antonio N	Moderate	2	4350	COp,Pp

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
104-30-10610	Pt San Antonio Hd R	Moderate	4	3200	Ps
105-10-10010	1.8 M N.Boulder Pt.	Moderate	4	1085	Ps
105-10-10092	2nd N Louise Cove	Moderate	11	1650	Ps
105-10-10095	West of Pt Amelius	Moderate	10	742	Ps
105-10-10100	N of Louise Cove	Moderate	21	2034	COp,Pp,CHp,SHp,CTp
	Louise Cove	Moderate	10	965	
	SW of Amelius Is	Lesser	1	300	
	Jackie Creek	Moderate	1	4800	
	E of Bush Islets	Moderate	1	800	
105-10-10150	Affleck Canal SE	Moderate	10	2593	COp,Ps,DVp
105-10-10160	Linda Sue Slough	Moderate	24	2792	COp,Pp,CHp
105-10-10170	East of Bear Harbor	Moderate	20	1483	Pp,CHp,DVp
105-10-10185	Affleck Canal NE	Moderate	31	2407	Pp
105-10-10190	Kathleen Creek	Moderate	34	11213	COp,Pp,CHp
105-10-10210	Joan Ck Affleck Can	Moderate	33	5736	COp,Pp,CHp,DVp,CTp
105-10-10220	Affleck W S 56 16 45	Lesser	2	350	Ps
105-10-10230	Julia Creek	Lesser	2	350	Ps
105-10-10240	Bear Harbor Creek	High	34	49221	COp,Pp,CHp,SHp,DVp,CTp
105-10-10260	Salt Chuck Affleck	Moderate	23	2944	COp,Ps,CHs,DVp,CTp
105-10-10280	Larson Creek	Moderate	2	1125	Pp,CHp,DVp,CTp
105-10-10290	Kell Slough Creek	Moderate	32	3701	Pp,DVp
105-10-10300	Kell Bay North Side	Moderate	8	2338	Pp,DVp
105-10-10320	Kell Bay Creek	High	34	30171	COp,Pp,CHp,SHp,DVp,CTp
	W. Side of Kell Bay	Moderate	1	1100	
105-10-10360	Kell Bay S. Arm Hd	Lesser	2	337	Pp
	Port McArthur N. Head	Moderate	2	3750	
105-10-10420	Pt McArthur West Hd	Moderate	3	5900	COp
105-10-10162	Sleeping Bear	Moderate	4	1494	COp,DVp
105-10-10160	Dale Creek Affleck Can	Lesser	1	70	COp,Pp,CHp
105-10-10175	Affleck Canal East	Moderate	14	1236	Pp,CHp
105-10-10177	Between 17C and 17E	Moderate	6	897	Pp
105-10-10179	Two Is NE Affleck C	Moderate	14	1581	Pp
105-20-10020	Kim Creek Beauclerc	Moderate	32	6920	COp,Pp,CHp,SHp,DVp,CTp
105-20-10040	Paul Creek N Arm Hd	Moderate	34	4874	COp,Pp,CHp,DVp
105-20-10050	P Beauclerc NW Head	Moderate	20	2592	COp,Pp,CHp
105-20-10060	P Beauclerc Lk	Moderate	26	1698	COp,Pp,CHp,SHp
105-20-10070	P Beauclerc NW Side	Moderate	17	1419	COp
105-20-10080	Cannery Ck Beauclerc	Moderate	31	5514	COsr,Ps,CHs
105-20-10088	P Beauclerc S Arm Hd	Moderate	21	1224	Pp
105-20-10100	Gail Ck S Arm SE Hd	Moderate	33	5967	COp,Pp,CHp,DVp
105-20-10120	P Beauclerc S Arm E	Moderate	34	6214	Pp,CHp,DVp
105-31-10020	Point Barrie Creek	Moderate	6	1475	COp,CTp
105-31-10030	Kushneahin Creek	Moderate	27	17213	Sp,COp,Pp,CHp,SHp,DVp,CTr
	SE of Skiff Is	Moderate	1	6000	
105-31-10070	NE of Skiff Island	Moderate	4	4388	COp
105-31-10090	N Outer No Name Bay	Moderate	7	1371	COp,CHp

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
105-31-10100	No Name Bay N Side	Moderate	20	1453	COp,Ps
105-31-10110	N Head No Name Bay	Moderate	11	1273	COp,CHp
105-31-10100	No Name Bay	Moderate	8	1108	COp,Ps
105-31-10140	1st S No Name Bay	Lesser	4	413	COp,Pp,CHs,DVp,CTp
105-31-10150	2nd S No Name Bay	Lesser	1	200	Pp,DVp
105-31-10180	3rd S No Name Bay	Moderate	4	1557	Pp,CHp
105-31-10190	Alvin Bay North Side	Moderate	16	1725	COp,Pp,CHp,DVp,CTp
105-31-10200	Alvin Bay Head	Moderate	25	3003	COp,Pp,CHp,DVp,CTp
105-31-10220	Reid Bay N Mouth	Lesser	1	200	COp,Pp,DVp
105-31-10250	Reid Bay N Arm E	Moderate	15	2341	COp,Pp,CHp
105-31-10260	Reid Bay N Arm W	Moderate	10	1683	COp,Pp,CHp,DVp
105-31-10270	Reid Bay West Side	Moderate	20	4090	COp,Pp,CHp,DVp,CTp
105-31-10290	Reid Bay SW Arm Hd	Moderate	23	2439	Pp,CHp,DVp
105-31-10300	Southeast Reid Bay	Moderate	6	787	COp
105-31-10295	South Reid Bay	Lesser	1	500	COp,Pp,CHp,DVp
105-32-10010	Lovelace Creek	Moderate	30	14605	COp,Pp,CHp,DVp,CTp
105-32-10020	1st N Lovelace Creek	Lesser	1	2	COp,DVp,CTp
105-32-10040	Tunehean Creek	High	32	37442	Sp,COp,Pp,CHp,SHr,DVp,CTp
105-32-10050	1st N Tunehean Creek	Lesser	2	475	COp,SHp,DVp,CTp
105-32-10060	Devils Elbows	Moderate	1	5800	COp,Pp
	Summit Ck Rocky Pass	Moderate	1	900	
105-32-10120	Irish Creek-Rocky P	Moderate	24	4277	COp,Pp,CHp,DVp,CTp
105-32-10123	High Is Rocky Pass	Moderate	1	1700	CHs
105-32-10130	Big John Bay SE Cove	Moderate	10	1804	COp,Pp,CHp,DVp,CTp
105-32-10160	Big John Creek	Moderate	22	3675	COp,Pp,CHp,DVp
105-32-10170	1.5 M N Big John Ck	Lesser	1	80	COp,Pp,DVp
105-32-10180	2 M N Big John Ck	Lesser	3	252	Pp
105-32-10185	2.2 M N Big John Ck	Lesser	1	25	COp,Pp,CHp,DVp,CTp
105-32-10290	Goose Grunt Creek	Moderate	9	558	COp,Pp,CHp
105-32-10300	NW of Summit Island	Moderate	9	1521	COp,Pp,CHp,SHp
105-32-10320	W of Summit Is Rocky	Moderate	9	918	Pp,CHp
	Baby Creek	Moderate	1	1050	
105-32-10400	W of Devils Elbow	Lesser	1	50	COp
105-32-10690	3 Mile Arm N Arm Hd	Moderate	19	2546	COp,Pp,CHp
105-32-10700	3 Mile Arm N Side	Lesser	4	411	COs,Ps
105-32-10730	3 Mile Arm NW Arm Hd	Moderate	30	3662	COp,Pp,CHp
105-32-10750	3 Mile Arm NW Arm SW	Moderate	16	1920	COp,Pp,CHp
105-32-10800	Seclusion Harbor N	Moderate	21	4338	COs,Pp,CHp
105-32-10820	Seclusion Hbr Head	Moderate	32	10865	COp,Pp,CHp,DVp
105-32-10840	1st S Seclusion Hbr	Lesser	2	31	COp
105-32-10850	2nd S Seclusion Hbr	Moderate	6	617	COp
105-41-10020	Port Protection Ck	Moderate	3	2310	COp,Pp,CHp
105-41-10030	Hole-In-The-Wall NE	Moderate	4	1829	COp,Pp,CHp
105-41-10040	Hole-In-The-Wall E	Moderate	13	4258	COp,Pp,CHp
105-41-10050	Hole-In-The-Wall SE	Moderate	30	19051	COp

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
105-41-10250	Shakan Island	Lesser	1	250	Ps
105-42-10050	Calder Creek	High	34	44916	COr,Pp,CHp,SHr
105-42-10060	Marble Creek Shakan	Moderate	24	3853	COp,Pp,CHp
105-42-10080	Bear Ck Dry Pass	Moderate	20	1566	Ps
105-42-10090	El Capitan Creek	High	34	34277	COp,Ps,CHs,SHp,DVp
105-42-10100	Wolf Ck N El Capitan	Moderate	33	11420	COp,Pp,CHp,SHr
105-42-10110	El Capitan-Aneskett	Moderate	32	4512	COp,Pp,CHp
105-42-10120	El Capitan Dry Pass	Moderate	32	7758	COp,Pp,CHp
105-42-10130	Smith Creek Dry Pass	Moderate	15	536	COp,Pp
105-42-10140	Sutter Creek	Moderate	21	1373	Sp,COp,Pp,CHp,SHp,DVp
105-43-10010	Shiple Bay N Head	Moderate	15	767	Pp
105-43-10020	Shiple Bay Lk Ck	Moderate	34	13307	Sp,COp,Pp,CHp,SHp,DVp
105-43-10050	Shiple Bay SE Side	Moderate	27	3503	COp,Pp,CHp,DVp,CTp
105-43-10060	Shiple Bay S Side	Moderate	34	14072	Sp,COp,Ps,CHp
105-43-10070	Shiple Bay SW Side	Moderate	18	905	Ps
105-43-10065	Btn #6 & #7 Shiple Ba	Moderate	9	1011	Ps
105-50-10010	Trout Ck Kosciusko I	High	33	35631	COp,Pp,CHp,SHp,DVp,CTp
105-50-10140	Tessa Creek	Lesser	5	116	COp,Pp
106-10-10020	Narrow Point Creek	Moderate	4	1194	COp,Pp,CHp,DVp
106-10-10040	Sal Creek	Moderate	31	7307	COp,Pp,CHp,DVp,CTp
106-10-10060	Little Ratz Creek	Moderate	32	4760	COp,Pp,CHp,SHp,DVp,CTp
106-10-10100	Ratz Hbr Creek	High	34	25590	Ssr,COp,Pp,CHp,SHp,DVp,CTp
106-10-10110	Ratz Hbr Head N Arm	Moderate	13	2410	COp,Pp,CHp,DVp
106-10-10300	Eagle Ck Luck Lake	High	34	60709	Sp,COp,Pp,CHp,SHp,DVp,CTp
106-10-10300-2070	Luck Creek Luck Lake	Moderate	19	2563	Sp,COp,SHp,DVp,CTp
106-20-10100	Streets Ck Rocky Bay	Moderate	22	3288	Sp,COp,Pp,CHp,SHp,DVp,CTp
106-20-10210	McHenry Anch N Head	Moderate	3	2333	COr,Pp
106-20-10230	McHenry Anchorage Ck	Moderate	31	4427	COp,Pp,CHp,SHp,DVp,CTp
106-20-10280	N of Center Island	Moderate	5	1331	Pp,DVp
106-20-10310	E of Center Island	Lesser	4	458	Pp,DVp
106-20-10340	Dewey Anchorage	Moderate	4	1395	Pp,DVp
106-21-10020	Hatchery Lk McHenry	Lesser	2	200	Pp
106-21-10030	Hatchery Lk E End	Moderate	28	3783	Sp,COp,Pp,CHp,SHp,DVp,CTp
106-21-10040	Falls Ck McHenry In	Moderate	34	23523	COp,Pp,CHp,DVp
106-21-10050	Trout Ck McHenry In	Moderate	34	15662	COp,Pp,CHp,SHp,DVp
106-22-10040	Mosman Inlet NW Head	Moderate	32	4670	COp,Pp,CHp
106-22-10060	Flat Ck Mosman Inlet	High	34	27890	COp,Pp,CHp,SHp
106-22-10080	Mosman Creek E Head	Moderate	34	20950	COp,Pp,CHp,DVp
106-22-10100	Mosman In SE Head	Moderate	29	1996	Pp,CHp
106-22-10160	Navy Ck	Moderate	34	15754	COp,Pp,CHp,SHp,DVp,CTp
106-22-10130	Burnett In NW Head	Lesser	7	240	COp,Pp
106-22-10140	Burnett In NE Head	Moderate	19	1173	COp,Pp
	Burnett Hatchery Ck	High	21	73505	
106-22-10144	Burnett Inlet SE Hd	Moderate	18	1375	Pp
106-22-10148	Burnett Btn 14B & 15	Moderate	14	1391	Pp,CHp
	Burnett Inlet Narrow	Lesser	1	200	

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
106-30-10020	NW Etolin Island	Lesser	3	113	COp,Pp
106-30-10040	Quiet Harbor	Moderate	12	1363	COp,Pp
106-30-10100	Porcupine Ck Steamer	Moderate	30	19981	COp,Pp,CHp
106-30-10120	Chum Creek Coffman	Moderate	24	776	COp,Pp,CHp,DVp,CTp
106-30-10150	Coffman Cove SE Head	Lesser	3	277	COp,Pp,CHp
106-30-10160	Coffman Ck Coffman C	Moderate	21	1548	COp,Pp
106-30-10670-2004-3017	Sweetwater Lk NE Hd	Moderate	4	2375	COp,Pp,CHp
106-30-10670-2004-3031	Hatchery Ck Sweetwater	Moderate	20	7306	Sp,COp,Pp,CHp,SHp,DVp,CTp
106-30-10670-2004-3030	Logjam Creek	Moderate	10	4686	COp,Pp,CHp,DVp,CTp
106-30-10670-2004-3010	Galligan Creek	Moderate	3	600	COp,Pp,CHp
106-30-10690	East End Whale Pass	Lesser	4	250	Pp,CHp
106-30-10720	Mabel Ck Whale Pass	Moderate	32	5791	COp,Pp,CHp,SHp,DVp
	West of Mabel Creek	Moderate	9	942	
106-30-10740	Rocky Bay Whale Pass	Moderate	18	1721	COs,Pp,CHp
106-30-10820	Squaw Ck Whale Pass	Moderate	33	6070	COp,Pp,CHp,DVp
106-30-10830	N of Ragged Cove	Moderate	7	1150	Ps
106-30-10850	Exchange Cove Creek	Moderate	34	6407	COpr,Pp,CHp,DVp
106-30-10870	Lava Creek	Lesser	2	150	COp,Ps
106-30-10880	1st West Lava Creek	Moderate	5	665	COp,Pp,CHp
106-30-10890	2nd S of Salmon Bay	Lesser	1	40	Pp,CHp
106-30-10930	Snow Pass N Bushy Is	Moderate	5	1954	COp,Pp
106-30-10950	Snow Pass	Lesser	4	380	COp,Pp
106-30-10980	1st NE Pt Nesbitt	Lesser	1	150	Pp
106-30-10750	Neck Lake Creek	Moderate	20	2783	COp,Pp,CHp
106-30-10770	Whale Passage W Head	Moderate	25	3593	COp,Ps,CHs
106-30-10800	108 Creek Whale Pass	High	34	93152	Sp,COp,Pp,CHp,SHp,DVp
106-41-10070	2nd N Macnamara Pt	Moderate	2	825	COr
106-41-10150	Salmon Bay Creek	Moderate	24	9373	Sp,COp,Ps,CHp,SHp,DVp,CTp
106-41-10150-2003-3009	Salmon Bay Lake S Hd	Lesser	8	303	Sp,COp,DVp
106-41-10150-2003-3012	Salmon Bay Lake W Hd	Moderate	12	708	COr
106-41-10210	Pine Creek Red Bay	Moderate	3	633	COp,Pp,CHp,DVp,CTp
106-41-10270	Red Bay Head SE Arm	Lesser	3	500	COp
106-41-10300	Red Lake Creek Sumner	Moderate	16	699	Sp,COp,Pp,CHp,SHp,DVp,CTp
106-41-10300-2010	Red Lake Head	Moderate	4	994	Ssr,COsr
106-41-10340	Big Ck Red Bay	Moderate	19	1241	COp,Pp,CHp
106-41-10350	Red Bay 1st N Big Ck	Lesser	1	300	COp,Pp
106-41-10360	Duck Creek Red Bay	Moderate	3	750	COp,Pp,CHp
106-41-10400	1st E Buster Creek	Lesser	3	267	COp,Pp
	Hicks Creek	Lesser	1	100	
106-41-10420	Buster Creek	Moderate	20	8924	COp,Pp,CHp
106-41-10440	Alder Creek	Moderate	20	20765	COr,Pp,DVp

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
106-41-10450	Flicker Creek	Moderate	14	7214	COp,Pp
106-41-10460	1st E of Merrifield	Moderate	2	4150	COp
106-41-10470	Merrifield Bay	Lesser	1	50	COp,Pp,CHp
106-41-10490	Yellow Island	Lesser	6	338	COp
106-41-10510	Little Totem Creek	Moderate	8	3014	COp,Pp
106-41-10520	Totem Bay West Side	Moderate	6	2438	COp
106-41-10550	Totem Creek	Moderate	34	16290	COp,Pp,CHp,SHp,DVp,CTp
106-41-10570	Nancy Slough	Lesser	1	160	COp,Pp,CHp,SHp
106-41-10600	Zim Ck Totem Bay	Moderate	32	13923	COp,Pp,SHp,DVp
106-41-10610	Totem Bay NE Side	Moderate	17	1181	COp
106-41-10650	Douglas Bay	Moderate	13	2494	COp,DVp
106-41-10700	Douglas Bay Mid Arm	Moderate	7	1205	COp,Pp
106-41-10750	Douglas Bay NE Arm	Moderate	14	1919	COp,Pp,DVp,CTp
106-42-10030	St Johns Harbor	Moderate	19	2912	COp,Pp,CHp,SHp,DVp
106-42-10100	Kah Sheets Creek	Moderate	27	6678	Sp,COp,Pp,CHp,SHp,DVp,CTp
106-43-10170	Baines Cove Creek	Lesser	1	50	COr,DVp
106-43-10190	Middle Creek Duncan	Moderate	12	1141	COr,CHp,SHr,DVr,CTr
106-43-10210	Castle River	Moderate	10	1707	COp,Pp,CHp,SHp,DVp,CTp
106-43-10450	1st S Taylor Creek	Moderate	5	726	COp,Pp,CHp,SHp,DVp,CTp
106-43-10470	Taylor Creek Duncan	Lesser	1	150	COp,Pp,CHp,SHp,DVp,CTp
106-43-10500	Towers Arm Head	Moderate	20	545	COp,Pp,CHp,SHp,DVp,CTp
106-43-10590	Salt Chuck Duncan	Lesser	1	5	COp,Pp,CHp,SHp,DVp,CTp
106-43-10750	Duncan Ck Duncan Can	Lesser	6	251	COp,Pp,CHp,SHp,DVp,CTp
106-43-10800	Mitchell Slough Duncan	Lesser	4	233	COp,Pp,CHp,SHp,DVp,CTp
106-44-10010	Hammer Slough	Lesser	3	12	COp,Ps,DVp
106-44-10040	Twin Creek Mitkof Is	Moderate	2	1873	COp,Pp,CHp
106-44-10050	Fur Farm Mitkof Is	Lesser	1	205	COp,Ps
106-44-10060	Falls Ck Mitkof Is	Lesser	5	458	Sp,COp,Pp,CHp,SHp,DVp,CTp
106-44-10240	Blind River	Lesser	2	136	COp
106-44-10310	Crystal Creek	Moderate	10	718	CHp
106-44-10350	S of Blind Is Picnic	Moderate	7	799	COp,Pp,CHp,DVp
106-44-10460	Colorado Creek	Moderate	5	1211	COp,Pp,DVp
106-44-10500	Green Point Creek	Lesser	1	4	COp,Ps,SHp,DVp
106-44-10530	Quick Flat Creek	Moderate	1	3500	COp
106-44-10550	Skogs Creek	Moderate	11	1129	COp,Pp,CHp,DVp,CTp
106-44-10560	A-Frame Cabin Creek	Lesser	1	25	Pp
106-44-10580	Coho Ck Wrangell Nar	Lesser	3	36	COp,SHp,DVp
106-44-10600	Petersburg Creek	High	31	26110	Sp,COp,Pp,CHp,SHp,DVp,CTp
107-10-10100	Emerald Creek	Moderate	33	8297	COp,Pp,CHp,DVp,CTp
107-10-10120	First N Vixen Point	Lesser	1	450	COp,Pp,CHp,DVp,CTp
107-10-10160	NE Sunshine Island	Moderate	1	1002	COp,Pp,CHp
107-10-10200	Vixen Inlet Creek	Moderate	34	10249	COp,Pp,CHp,SHp,DVp,CTp
107-10-10220	Vixen Inlet 1st West	Moderate	11	2250	COp,Pp,CHp,DVp,CTp
107-10-10240	Vixen Inlet West Sd	Moderate	23	997	COr,Pp
107-10-10250	Vixen Harbor	Moderate	32	4906	COp,Pp,CHp,DVp,CTp
107-10-10270	Cannery Ck Union Bay	Moderate	9	831	COp,Pp,SHp,DVp,CTp

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
107-10-10300	Black Bear Creek	High	34	66164	COp,Pp,CHp,SHp,DVr,CTr
107-10-10650	Krogh Lake	Moderate	2	800	COpr,Pp,CHp,DVpr,CTpr
107-10-10700	Kudays Ck S Etolin	Moderate	34	9116	COp,Pp,CHp,DVp,CTp
107-10-10720	Chum Ck S Etolin Mid	Moderate	33	2678	COp,Pp,CHp
107-10-10740	S Etolin Island East	Moderate	32	6133	COp,Pp,CHp
107-20-10010	Anan Creek	High	34	161065	Sp,Kp,COp,Pp,CHp,SHp,DVp,CTp
107-20-10050	Frosty Creek	Moderate	3	536	COp,Pp,CHp,SHp,DVp
107-20-10100	Santa Anna Inlet	Moderate	13	1052	Sp,COp,Ps,SHp,DVr,CTr
	Sunny Bay	Lesser	2	200	
107-20-10150	June Creek	Moderate	24	2486	COp,Pp
107-20-10170	Watkins Point Creek	Moderate	9	1033	COp
107-20-10190	Middle Canoe Pass	Moderate	3	867	Pp,CHp
107-20-10200	Canoe Pass Etolin Is	Moderate	30	2900	COp,Pp,CHp
107-20-10230	Fisherman Chuck	Moderate	33	6841	COp,Pp,CHp,DVp
107-20-10300	Menefee Creek	Moderate	34	17068	COp,Pp,CHp,SHp,CTp
107-20-10310	Menefee Mouth SW	Moderate	2	8330	COr
107-20-10600	Southeast Cove Head	Moderate	7	1344	Pp,CHp
107-20-10700	Fools Inlet Head W	Moderate	34	13447	COp,Pp,CHp,DVp
107-20-10710	Fools Inlet Head E	Moderate	32	4249	COp,Pp,CHp,SHp,DVp,CTp
	1st East Fools Inlet	Lesser	2	110	
107-30-10180	Timothy Creek	Lesser	1	400	Ps
107-30-10200	Skip Creek	Moderate	10	1232	COpr,Pp,SHp,DVp
107-30-10300	Thoms Creek	Moderate	29	8714	Sp,COp,Pp,CHp,SHp,DVp,CTp
107-30-10700	Snake Ck Olive Cove	Moderate	34	19278	COp,Pp,CHp,SHp,DVp,CTp
107-30-10760	Anita Bay Head SW	Moderate	12	1234	COp,Pp,CHp
107-30-10780	Anita Bay Head W	Moderate	17	1689	COp,Pp,CHp
	SW of Brad Creek	Moderate	1	1600	
107-30-10800	Brad Ck NW Anita Bay	Moderate	28	8610	COp,Pp,CHp,SHp
107-30-10900	Dog Salmon NE Etolin	Moderate	30	4148	COp,Pp,CHp
108-10-10150	Kunk Creek	Lesser	2	106	Ss,COr,Pp,CHp,SHp,DVp,CTp
107-40-10190	Blake Channel Head	Moderate	6	1008	COp,Pp
107-40-10220	Berg Creek	Moderate	25	2190	COp,Pp,CTp
107-40-10240	Aaron Creek	Moderate	14	6989	Kp,COp,Pp,CHp,SHp,DVp,CTp
107-40-10250	Oerns Creek	Moderate	33	10898	Kp,COp,Pp,CHp,SHp,DVp
107-40-10380	Marten Ck Bradfield	Moderate	34	13713	COp,Pp,CHp,SHp,DVp
107-40-10400	Franks Ck Bradfield	Moderate	24	5969	COp,Pp,CHp,SHp,DVp,CTp
107-40-10450	Between Tom & Frank	Moderate	3	821	COp,Pp
107-40-10470	Tom Lake Creek	Moderate	34	19401	Sp,Ksr,COp,Pp,CHp,SHp,DVp,CTp
107-40-10490	Harding River	High	34	33641	Sp,Kp,COp,Pp,CHp,SHp,DVp
	White R Bradfield	Lesser	5	96	
107-40-10530-2003	Bradfield River N Fk	Moderate	11	1923	Sp,Kp,COp,Pp,CHp,SHp,DVp,CTp
107-40-10530	Bradfield River E Fk	Moderate	18	1916	Sp,Kp,COp,Pp,CHp,SHp,DVp,CTp
107-40-10537	Hydro Creek Bradfield	Moderate	6	659	COp,Pp,CHp
107-40-10550	Eagle R Bradfield	High	34	60320	Kp,COp,Pp,CHp,SHp,DVp,CTp
107-40-10570	1st E of Hoya Creek	Moderate	11	1518	COp,Pp,DVp
107-40-10590	Hoya Creek	Moderate	12	1105	COp,Pp,DVp

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
107-40-10630	Bradfield Can S Side	Moderate	2	2250	COp,Pp
107-40-10640	Bradfield Can SW E	Moderate	15	2258	Sp,Kp,COp,Pp,CHp,DVp,CTp
107-40-10650	Bradfield Can SW W	Moderate	17	2597	Pp
107-40-10538	Tyee Creek	Lesser	2	325	COp,Pp,CHp
107-40-10050	Crittenden Creek	Moderate	28	3419	COp,Pp,CHp,SHp,DVp,CTp
107-40-10060	E of Crittenden Ck	Moderate	22	1789	COp,Pp
107-40-10070	Mill Ck	Lesser	3	302	Sp,Pp,DVp
107-40-10070-2010	Porterfield Ck Ginia	Lesser	2	2	Sp
107-40-10070-2006	Glacier Ck Virginia	Lesser	1	2	Sp
107-40-10100	1st South Mill Creek	Lesser	1	400	Pp,CHs,DVp
107-40-10780	Earl West Creek	Moderate	6	4148	COp,Pp,SHp
107-40-10820	Channel Island Creek	Lesser	4	475	COp,DVp
108-10-10050	Pat Ck Wrangell Is	Lesser	7	261	Sp,COp,Pp,CHp,DVp,CTp
108-10-10100	McCormack Ck Wran Is	Moderate	4	562	COp,Pp,CHp
108-20-10010	King George Ck	Moderate	22	1850	COp,Pp,CHp
108-20-10040	Meter Bight South	Lesser	4	435	COp
108-20-10050	Meter Bight Middle	Moderate	4	510	COp,Pp,DVp
108-20-10060	Meter Bight Creek N	Moderate	12	2341	COp,Ps,SHp,DVp
108-40-10150-2029	Shakes Slough	Lesser	10	100	Sp,Kp,COp,Pp,CHp,SHp,DVp
108-40-10150-2060-3010	Kikahe River	Lesser	13	238	COp
108-40-10150-2050	Goat Ck Stikine R	Lesser	16	182	COp,Pp,CHp
108-40-10150-2034	Shuktusa Branch	Lesser	8	101	Kp,COp,Pp,CHp
108-40-10150-2010	Andrews Slu	Lesser	3	181	Sr,Kr,COr,Pp,CHp
108-40-10150-2008	Andrews Creek	Moderate	33	16835	Sp,Kp,COp,Pp,CHp,SHp,DVp,CTp
108-40-10150-2004	Government Creek	Lesser	7	108	Kp,COp,Pp,SHp,DVp,CTp
108-40-10350	Garnet Ledge	Lesser	1	57	COp,DVp,CTp
108-40-10090	Harding Cabin Creek	Moderate	3	3433	COp,Pp,CHp,DVp
108-40-10095	Harding Cabin	Moderate	5	2070	Ps
	Small Island Slough	Lesser	1	35	
108-40-10150-2033-3007	W of Hot Springs	Moderate	18	527	Kp,Pp,CHp
108-40-10150-2033-3015	Mt Gallatin Creek	Lesser	2	22	COp,DVp
108-40-10010	Jap Creek	Moderate	12	847	COp,Pp,CHp,DVp
108-40-10020	Bussy Creek	Moderate	14	2112	COp,Pp,CHp,DVp
108-40-10050	Wilson Ck Le Conte B	Moderate	11	1015	COp,Pp,CHp,DVp,CTp
108-40-10070	Stikine N Arm Mouth	Moderate	17	3611	COp,Pp,CHp,DVp,CTp
108-40-10080	475 Lake Creek	Lesser	4	280	Pp
108-40-10090	Prunella Slough	Moderate	14	1079	COp,Pp,CHp,DVp
108-40-10150-2007	North Arm Creek	Moderate	34	13830	Kp,COp,Pp,CHp,SHp,DVp,CTp
108-40-10400	Blind Slough Sumner	Lesser	9	279	COp,DVp,CTp
108-40-10500	Ohmer Creek Mitkof Is	Lesser	9	491	Sp,COp,Pp,CHp,SHp,DVp
108-50-10030	Bear Ck Frederick Sd	Moderate	23	4582	COp,Pp,CHp,SHp,DVp
108-50-10040	2.5 mi SE of Pt Fred	Lesser	4	241	COp,Pp,DVp
108-50-10050	Cabin Ck Frederick S	Moderate	4	977	COr,Pp,SHp,DVp,CTp

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
108-60-10030	Muddy River	Moderate	7	1629	COp,Pp,CHp,SHp,DVp,CTp
108-60-10040	Brown Cove	Moderate	3	970	COp,DVp
108-60-10050	City Ck Sandy Beach	Lesser	3	227	COp
108-60-10060	Fivemile Ck Sukoi Is	Moderate	26	4163	COp,Pp,CHp,SHp,DVp,CTp
108-40-10150-2068-3020	West Fork Katete R	Lesser	4	14	Kp,COp,CHp
	Katete River	Lesser	2	180	
	Goeffrion C Katete R	Lesser	1	45	
	0.8 M W Verrett R	Lesser	1	1	
	Stikine R Up Talbot	Lesser	1	1	
	Christina Creek	Lesser	1	1	
	Lake N Decker Creek	Lesser	1	25	
	Kirk Creek	Lesser	1	1	
	Arrival Creek	Lesser	1	28	
	Shakes Creek	Lesser	3	29	
	Tsikhini Creek	Lesser	1	11	
	Winter Creek	Lesser	1	9	
	Dojatin Creek	Lesser	1	23	
109-10-10090	Sashin Ck P Walter N	High	28	32182	COp,Pp,CHp,SHp,DVp
109-10-10100	Big Port Walter	Moderate	7	5329	COp,Pp
109-10-10120	Lovers Cove Creek	High	30	41908	COp,Pp,CHp
109-10-10130	New Port Walter	Moderate	2	3650	COp,Pp,DVp
109-10-10165	Port Herbert N Head	Moderate	1	1000	Sp,COp,Pp,CHp,DVp
109-10-10210	Deep Cove SW Head	Moderate	1	5000	Pp,CHp
109-10-10230	Deep Cove NW Head	Moderate	32	12785	COp,Pp,CHp
109-10-10270	Brentwood L Pattersn	Moderate	2	3350	COp,Pp,CHp,DVp
109-10-10280	Patterson Bay Head	Moderate	30	12493	COp,Pp,CHp,DVp
109-20-10060	Gut Bay 1st Left	Moderate	20	2784	COp,Pp,CHp,DVp
109-20-10070	Gut Bay Head	Moderate	19	3345	Sp,COp,Pp,CHp,SHp,DVp
	Gut Lake	Lesser	1	25	
109-20-10130	Falls Ck Baranof Is	Moderate	1	1000	Sp,COp,Pp,CHp,DVp
109-20-10160	Red Bluff Bay S Head	High	34	131219	COp,Pp,CHp,DVp
109-20-10170	Red Bluff Bay N Head	Moderate	3	2142	COp,Pp,CHp
109-20-10180	Deep Lake Red Bluff	Moderate	2	4754	COp,Pp,CHp
109-30-10010	Woewodski Harbor	Moderate	33	8757	COp,Pp,CHp,DVp
109-30-10030	Eliza Creek	High	34	51051	COp,Pp,CHp
109-30-10040	Eliza Hbr Head West	Moderate	33	5005	COp,Pp,CHp
109-30-10050	Eliza Hbr West Side	Moderate	30	5675	COp,Pp,CHp,DVp
109-30-10060	Eliza Lake Creek	Moderate	10	1315	COp,Pp,DVp
109-30-10080	Chapin Bay Head	Moderate	17	1103	Pp,CHp,DVp
109-30-10100	Herring Bay East	Moderate	31	2519	COp,Pp,CHp,DVp
109-30-10110	Herring Bay Middle	Moderate	33	4558	COp,Pp,CHp,DVp
109-30-10130	Bergmann Creek	Moderate	34	19256	Pp,DVp
109-30-10160	Tyee Head East	Moderate	34	12709	COp,Pp,CHp,SHp,DVp
109-30-10170	Curtiss Creek	Moderate	32	6484	COp,Pp,CHp,DVp
109-30-10190	Surprise Harbor East	Moderate	22	941	COp,CHp

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
109-30-10210	Surprise Harbor Mid	Lesser	3	450	Pp
109-30-10230	Surprise Harbor West	Lesser	11	459	Pp
109-30-10260	Little Pybus Bay Ck	High	34	45702	COp,CHp
109-42-10400	W of Clark Island	Lesser	1	10	COp,DVp
109-42-10010	Point White Creek	Moderate	20	4543	COp,Ps,CHs,DVp
109-42-10030	1st S of Point White	Moderate	5	2660	COp,Pp,CHp,SHp
109-42-10040	Gunnuk Ck	High	24	29483	COp,Pp,CHp,SHp
109-42-10050	Jenny Ck	Moderate	19	5620	COp,Pp,CHp
109-42-10070	Slo Duck Creek	Lesser	3	440	COp,Pp
109-42-10090	Cathedral Falls Ck	Moderate	20	1887	COp,Pp,CHp,CTp
109-42-10100	Hamilton River	Moderate	25	17767	COp,Pp,CHp,SHp,DVp,CTp
109-42-10300	Kadake Creek	High	34	42729	COp,Pp,CHp,SHp,DVp,CTp
109-42-10500	Southeast Cove	High	12	37709	COp,DVp
	East of Cam Island	Lesser	3	207	
109-43-10030	Slippery Creek	Moderate	11	1264	COp,CHp,DVp
109-43-10050	Port Camden SE Head	Lesser	1	500	Pp,CHp
109-43-10060	Port Camden S Head	Moderate	34	3750	Pp,CHp
109-43-10080	Port Camden W Head	Moderate	33	1614	Pp,CHp,DVp
109-43-10120	3.5mi S of Cam Is	Lesser	6	295	COp,Pp
109-43-10160	Crane Ck Port Camden	Lesser	6	378	COp,Pp,CHp
109-44-10020	N of Cannery Sag Bay	Moderate	2	1550	Pp
109-44-10025	S of Cannery Sag Bay	Moderate	9	1384	COp,Pp,DVp
	2nd S Cannery Sag B	Moderate	14	1622	
109-44-10350	Straight Ck Sag Bay	Moderate	28	1320	COp,Pp,CHp,SHp,DVp,CTp
109-44-10370	Saginaw Bay S Head	Moderate	32	10868	COp,Pp,CHp,SHp,DVp
	Fossil Bight Creek	Moderate	1	900	
109-44-10390	Saginaw Creek	High	34	31162	Sr,COp,Pp,CHp,SHp,DVr,CTr
109-45-10090	Security Bay N of#10	Moderate	13	2998	COp,Pp,DVp
109-45-10100	Security Bay Creek	Moderate	34	19228	COp,Pp,CHp,DVp
109-45-10130	Salt Chuck-Security	Moderate	34	21610	COp,Pp,CHp,SHp,DVp,CTp
109-45-10150	Security Bay S Side	Moderate	34	1906	COp,Pp,CHp
109-45-10160	Security Bay S Mid	Moderate	32	2239	COp,Pp,CHp
109-45-10170	Lookout Pt Ck Sec B	Moderate	34	3367	COp,Pp,CHp,SHp,DVp,CTp
109-45-10190	Band Cove Creek	Moderate	3	2500	COp,DVp
109-50-10050	Ledge Lake Creek	Lesser	8	429	COp,Pp,DVp
109-50-10070	Dean Creek	Moderate	11	855	COp,Pp,CHp,SHp,DVr
109-51-10050	Piledriver Cove NW Kui	Moderate	9	1239	DVp
	2.3M N Washington B	Lesser	1	150	
109-51-10070	Washington Bay Creek	Moderate	10	1059	Ps
	0.7M S Washington B	Moderate	12	1267	
109-52-10010	East of Pt Sullivan	Moderate	20	743	COp,Ps
109-52-10020	Outer Rowan Bay	Moderate	16	1171	COp,DVp
	Rowan Bay N Mouth	Lesser	8	427	
109-52-10040	Rowan Bay NW Side	Moderate	11	1083	COp,Pp,CHp,DVp
109-52-10045	Wanigan Creek	Moderate	22	1628	COp,Ps,CHp
109-52-10050	Rowan Bay NW Head	Moderate	7	588	COp,Pp,CHp

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
109-52-10060	Rowan Creek	Moderate	34	24583	Sr,COp,Pp,CHp,SHp,DVp,CTp
109-52-10080	Rowan Bay E Head	Moderate	34	15390	COr,Pp,CHp,SHp,DVp,CTp
109-52-10088	Rowan Bay SE Head	Moderate	16	1800	COr
109-52-10120	Rowan Bay SW Corner	Moderate	14	1053	COp,Pp,DVp
109-52-10200	Troy Creek	Lesser	1	450	COp,DVp
109-52-10300	Pillar Bay Head	Moderate	22	1385	COp,Pp,CHp
109-52-10330	E of Kutlaku Creek	Moderate	1	700	COp
109-52-10350	Kutlaku Creek	Moderate	34	14245	Sp,COp,Pp,CHp,SHp,DVp,CTp
109-52-10500	Pillar Bay SW Side	Moderate	18	841	Ps
109-52-10550	Kwatahein Ck Pillar	Moderate	30	22744	COp,Pp,CHp,SHp,DVp
	Kutlaku Lake	Moderate	1	1915	
109-61-10020	Harris Bay	Lesser	4	75	Pp
109-61-10070	North Table Bay	Lesser	1	50	COp,SHp,DVp
109-61-10110	Table Bay South Side	Lesser	3	317	COp,DVp
109-61-10200	Howard Cove Creek	Lesser	1	200	COp,DVp
109-61-10290	Egg Harbor Creek	Lesser	1	100	Pp
109-62-10030	Piledriver Cove Teb	Moderate	33	6054	COp,Pp,CHp,SHp,DVp
109-62-10050	Happy Cove Creek	Moderate	3	1333	COr,DVp,CTp
109-62-10070	1st NE of Gap Pt	Moderate	9	2072	COr,DVp
109-62-10080	2nd NE of Gap Pt	Lesser	4	59	COr
109-62-10085	3rd NE of Gap Pt	Moderate	6	638	COr,CTp
109-62-10090	4th NE of Gap Pt	Moderate	16	1541	COr,CTp
109-62-10100	Elena Bay NW Side	Moderate	33	5269	COp,Pp,CHp,DVp
109-62-10110	Elena Bay NW Head	Moderate	34	6904	COp,Pp,CHp,DVp
109-62-10120	Elena Bay Head	Moderate	34	9484	COp,Pp,CHp,DVp,CTp
109-62-10130	Alecks Creek	High	34	39999	Sp,COp,Pp,CHp,SHp,DVp,CTp
109-62-10140	Sample Creek	Moderate	34	9942	COp,Pp,CHp,DVp,CTp
109-62-10150	Slough Creek	Moderate	28	2228	COp,Pp,CHp,DVp,CTp
	W of Shelter Cove	Lesser	1	325	
109-62-10170	W of Long Island	Moderate	28	6988	COp,Pp,CHp,SHp,DVp,CTp
109-62-10180	Goose Trap Ck	Moderate	32	6826	COp,Pp,CHp,SHp,DVp,CTp
	Petrof East Side	Moderate	6	1148	
109-62-10200	Petrof Bay SE Head	Moderate	34	6618	COp,Pp,CHp,SHp,DVp,CTp
109-62-10220	Petrof Bay S Head	Moderate	33	5053	COp,Pp,CHp
109-62-10240	Petrof Bay W Head	Moderate	34	8447	COp,Pp,CHp,DVp,CTp
109-62-10260	Petrof Bay SW Head	Moderate	34	6812	COp,Pp,CHp,SHp,DVp,CTp
	Petrof Bay West	Lesser	7	293	
109-62-10280	William Ck Thetis E	Moderate	34	7656	COp,Pp,DVp
109-62-10290	Wolf Ck Thetis Bay	Moderate	34	9076	Pp,CHp
109-62-10300	Thetis Bay SW Head	Moderate	32	2202	COp,Pp,CHp,CTp
109-62-10310	Thetis B Salt Chuck	Moderate	28	2796	COp,Pp,CHp
109-62-10340	S of Explorer Basin	Lesser	2	275	Pp,CHp
109-62-10360	Neal Creek	Moderate	34	4334	Pp,CHp,SHp,DVp,CTp
109-62-10380	Gedney Hbr S Head	Moderate	24	2006	Ps,CHs
109-62-10134	1st S Alecks Creek	Moderate	20	1761	Ps
	Annea Creek	Moderate	1	1200	

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
109-63-10010	Gods Pocket West	Moderate	15	1265	Pp,CHp,DVp
109-63-10020	Gods Pocket North	Moderate	18	786	Pp
109-63-10030	2nd W Joyce Creek	Moderate	22	1609	Pp
	NW of Joyce	Moderate	3	633	
109-63-10050	Joyce Ck Malmesbury	Moderate	34	8753	COp,Pp,CHp
109-63-10090-2001	P Malmesbury N Arm E	Moderate	10	762	Pp
109-63-10090	P Malmesbury N Arm S	Lesser	4	291	Pp,CHp
109-63-10120	P Malmesbury Lake Ck	Moderate	20	1552	Sp,COp,Pp,SHp,DVp,CTp
109-63-10150	P Malmesbury S Arm E	Moderate	16	1212	COp,Pp,CHp
109-63-10170	P Malmesbury S Arm S	Moderate	16	946	COp,Pp,CHp
109-63-10025	Tavin Creek	Moderate	12	613	Pp
110-11-10030	Twelvemile Ck Fred S	Moderate	34	8543	COp,Pp,CHp,SHp,DVp,CTp
110-12-10050	Scenery Ck Thomas B	Lesser	1	50	COp,Pp,CHp,SHp,DVp
	Porter Cove	Lesser	1	4	
	First West Dry Bay	Lesser	1	50	
110-13-10040	Dry Bay Creek	Moderate	34	15067	COp,Pp,CHp
110-13-10025	Tohdal Creek	Moderate	14	1624	Ps
110-14-10010	North Arm Mouth West	Moderate	8	1104	COp
110-14-10050	Farragut Bay N Arm	Moderate	24	2328	COp,Pp,CHp
110-14-10070	Farragut River	Moderate	13	2020	Sp,Kp,COp,Pp,CHp,SHp,DVp,CTp
110-14-10080	Dale Ck Francis Anch	Moderate	31	4641	COp,Pp,CHp
110-14-10090	SE Francis Anchorage	Moderate	10	583	COp,Pp,CHp
110-15-10010	1st E Cape Fanshaw	Lesser	7	307	Pp,DVp
110-15-10020	N of Point Highland	Lesser	11	379	Pp,DVp
110-15-10030	Cat Creek Pt. Highland	Moderate	33	12579	COp,Pp,CHp,DVp
110-15-10040	East of Cat Creek	Moderate	11	530	COp,Pp,CHp
	Bay Point Creek	Moderate	2	800	
110-15-10015	2nd E Cape Fanshaw	Moderate	5	630	Pp
110-16-10030	Portage Bay Head	Moderate	29	6600	COp
110-16-10060	1st W of West Point	Moderate	15	1480	Sp,COp,Pp,DVp,CTp
110-16-10070	2nd W of West Point	Moderate	21	2000	COp,Pp,DVp
110-16-10080	3rd E of Big Creek	Lesser	6	175	COp,Pp,DVp
110-16-10090	2nd E of Big Creek	Moderate	13	1009	COp,Pp
110-16-10100	1st E of Big Creek	Moderate	18	885	COp,Pp,DVp
110-16-10110	Big Ck Frederick Sd	Moderate	29	2854	COp,Pp,CHp,SHp,DVp,CTp
110-16-10120	2nd E Schooner Is	Lesser	9	281	COp,Pp
110-16-10130	1st E Schooner Is	Moderate	31	4156	COp,Pp,CHp
110-16-10135	Schooner Island	Moderate	14	639	COp
110-17-10010	W of Pinta Point	Moderate	11	1228	COp,Pp
110-17-10020	2nd W of Pinta Point	Moderate	15	2361	COp,Pp
110-17-10050	SW of Pinta Rocks	Moderate	18	2419	COp,Pp
110-17-10080	South of Cape Bendel	Moderate	4	638	COp,DVp
110-21-10040	False Pt Pybus Creek	Moderate	31	9749	COp,Pp,DVp
110-21-10050	N of Square Point	Moderate	16	1916	COp,Pp,DVp
110-22-10010	Deer Camp Creek	Moderate	17	579	COp,Pp,CHp,DVp
110-22-10020	Old Mans Ck Pybus B	Moderate	34	11436	COp,Pp,CHp

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
110-22-10030	Pybus Bay N Arm East	Lesser	14	393	COp,Pp,CHp,DVp,CTp
110-22-10040	Amber Ck N Arm Pybus	Moderate	34	17224	COp,Pp,CHp,DVp,CTp
110-22-10060	Pybus Bay Head	Moderate	34	7653	COp,Pp,CHp
110-22-10080	Pybus Bay Main Arm	Moderate	19	2070	COp,Pp,CHp
110-22-10090	Beautiful Creek	Moderate	33	4051	COp,Pp
110-22-10098	Donkey Bay NW End	Moderate	1	1000	COp
110-22-10100	Donkey Creek	High	34	28498	COp,Pp,CHp,DVp
110-22-10140	Cannery Cove Pybus B	Moderate	34	18249	COp,Pp,CHp
110-22-10150	S Cannery Cove Pybus	Moderate	9	793	COp
110-23-10040	Last Chance Ck Gam B	Moderate	33	6309	COp,Pp,CHp,DVp,CTp
110-23-10050	Gambier B N Arm West	Moderate	20	3014	COp,Pp,CHp,DVp,CTp
110-23-10080	Marker Creek	Moderate	26	5053	COp,Pp,CHp,DVp,CTp
110-23-10087	West of Marker Creek	Moderate	23	3087	Ps,CHs
110-23-10100	Johnston Creek	High	34	56156	COp,Pp,CHp,SHp,DVp,CTp
110-23-10150	Bowman Creek	High	34	26760	COp,Pp,CHp,SHp,DVp,CTp
110-23-10120	1st East of Bowman	Moderate	16	803	Pp
110-23-10190	Snug Cove Gambier B	Moderate	34	13044	COp,Pp,CHp,DVp,CTp
110-23-10210	East of Snug Cove	Moderate	24	4057	COp,Pp,DVp
	Marva Creek	Moderate	3	1600	
110-23-10165	2nd E of Bowman Ck	Moderate	13	925	Ps
110-31-10010	Rockpile Ck Stephens	Moderate	20	3511	COp,Pp,CHp,SHp,DVp,CTp
110-31-10020	Libby Ck Stephens P	Moderate	25	1807	COp,Pp,CHp,DVp,CTp
110-31-10030	Roberts Island Ck	Moderate	34	11499	COp,Pp,CHp,DVp,CTp
110-31-10100	Fanshaw	Moderate	2	850	COp,Pp,DVp
110-32-10020	Goat Ck Windham Bay	Moderate	34	16243	COp,Pp,CHp
110-32-10050	Taylor Creek Windham	Lesser	1	200	COp,Pp
110-32-10070	Tunnel Ck Windham	Moderate	34	9860	COp,Pp,CHp
110-32-10090	Chuck R Windham Bay	High	34	100105	Sp,Kp,COp,Pp,CHp,SHp,DVp,CTp
110-32-10120	1st SW Narrows	Moderate	6	1456	Pp,CHp,DVp,CTp
110-32-10140	Surprise Ck Windham	Moderate	34	7577	Pp,CHp,SHp,DVp,CTp
110-32-10160	Windham Bay SW End	Moderate	4	550	Pp,CHp,SHp,DVp,CTp
110-33-10050	1st W Klaus Creek	Moderate	11	1975	COp,Pp,CHp,DVp
110-33-10060	Herman Klaus Creek	Moderate	18	1506	COp,Pp,DVp
110-33-10080	Nancy Ck Hobart Bay	Moderate	32	9588	COp,Pp,CHp,SHp,DVp,CTp
110-33-10083	Hobart Bay Salt Ck H	Moderate	5	1669	COp
110-33-10090	Hobart Bay Salt Ck S	Lesser	1	500	Ps
110-33-10130	Lauras Creek	High	34	31806	COp,Pp,CHp,SHp,DVp,CTp
110-33-10160	1st W Lauras Creek	Moderate	2	575	Pp,DVp,CTp
110-33-10180	2nd W Lauras Creek	Moderate	13	597	Pp,DVp,CTp
110-33-10200	Dwarf Dolly Creek	Lesser	1	500	Pp,DVp,CTp
110-34-10010	P Houghton N Side	Moderate	26	1922	COp,Pp,DVp
110-34-10020	West of Bluffs	Moderate	24	2808	COp,Pp,CHp,DVp
110-34-10030	Rusty River	High	29	113415	Sp,COp,Pp,CHp,SHp,DVp
110-34-10060	Glen Creek	High	34	38370	COp,Pp,CHp,SHp,DVp,CTp
110-34-10080	Sanborn Creek	High	34	82273	COp,Pp,CHp,SHp,DVp,CTp
110-34-10100	Walter Island Creek	Moderate	20	2146	COp,Pp,DVp,CTp

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
110-34-10110	2nd W of Sanborn Can	Moderate	10	510	COp,Pp
110-34-10120	Placer Ck P Houghton	Moderate	26	2255	COp,Pp,DVp
110-34-10130	1st E of Negro Creek	Moderate	28	3042	COp,Pp,DVp,CTp
110-34-10140	Negro Creek	Moderate	34	19227	COp,Pp,DVp,CTp
110-34-10012	Harmony Creek	Moderate	11	836	Ps
	S of Pleasant Bay	Lesser	1	23	
111-11-10200	Bear Ck Seymour Can	Moderate	29	4633	Pp,CHp
111-12-10050	Pleasant Bay Creek	High	34	54863	Sp,COp,Pp,CHp,SHp,DVp,CTp
111-12-10100	Pleasant Bay Head	Moderate	3	10184	COp,DVp
111-13-10010	Mole Hbr S Entrance	Lesser	3	400	COp,DVp
111-13-10090	East Mole River	Moderate	2	3750	Pp,DVp
111-13-10100	Mole River	High	34	59319	COp,Pp,CHp,SHp,DVp,CTp
111-13-10150	Mole Harbor N Side	Moderate	14	4683	Pp,CHp
111-14-10100	Winning Cove Creek	Lesser	5	165	Pp
111-14-10110	Winning Cove NE Side	Lesser	4	142	Pp
111-14-10150	S of Winning Cove	Moderate	5	1088	Pp,CHp
111-14-10180	Spook Creek	Moderate	8	1222	Pp,CHp
111-14-10240	West Dorn Island	Lesser	5	169	Pp
	Buck Lake Creek	Moderate	1	2100	
111-14-10380	Opposite S Tiedeman	Moderate	17	779	Pp
111-14-10420	Opp Middle Tiedeman	Moderate	14	1825	Pp
111-14-10440	W Side Seymour Canal	Moderate	15	726	Pp
111-14-10460	W Side Seymour Canal	Moderate	2	525	Pp
111-15-10200	Windfall Creek	Moderate	34	17978	Pp,CHp,SHp
	Windfall Hbr S Head	Moderate	11	5057	
111-15-10240	Windfall Hbr W Side	Moderate	31	9239	Pp,CHp
111-15-10280	Windfall Hbr NW Side	Moderate	6	1465	Pp,CHp
111-15-10300	Pack Creek	Moderate	34	17493	Pp,CHp
111-16-10300	Swan Cove SW Side	Moderate	6	942	Pp,CHp
111-16-10320	Swan Cove W Side	Moderate	4	2538	Pp,CHp
111-16-10350	Swan Cove South Ck	Moderate	33	5934	Pp,CHp
111-16-10450	Swan Cove Creek	Moderate	34	15898	Pp,CHp
111-17-10090	King Salmon Bay S	Lesser	1	275	Pp,CHp
111-17-10100	King Salmon River	High	34	26969	Kp,COp,Pp,CHp
111-17-10280	Portage Creek	Moderate	8	1095	COp,Pp,CHp
111-20-10200	Thistle Ledge Creek	Moderate	31	3146	COp,Pp
111-20-10240	Point League Creek	Moderate	34	9417	COp,Pp,CHp
111-20-10310	S of Midway Point	Moderate	8	741	Pp
111-20-10380	S of Pt. Glass Penn	Moderate	10	1014	Pp
111-20-10400	N of Pt. Glass Penn	Moderate	13	971	Pp
111-21-10040	Williams Cove Head	Lesser	4	200	Pp
111-21-10460	Indian Ck Round Is	Moderate	24	1714	Ps,CHs
111-21-10520	N of Bushy Island	Moderate	19	1938	Ps,CHs
111-21-10530	NE of Bushy Island	Moderate	25	8041	Pp,CHp
111-21-10940	Sanford Cove SE Head	Moderate	6	506	CHs
111-21-10950	Sanford Cove S Head	Lesser	10	352	Ps,CHs

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
	N of Sanford Cove	Lesser	3	177	
111-31-10050	Taku Lake Creek	Lesser	4	430	Sp,COp,SHp,DVp,CTp
	Taku Hbr East Shore	Moderate	2	3031	
111-31-10300	3rd S of Twin Point	Moderate	18	893	Pp
111-31-10320	2nd S of Twin Point	Moderate	10	1273	Pp
111-31-10360	1st S of Twin Point	Moderate	28	7785	Pp
111-31-10400	Twin Point Creek	Moderate	26	2997	Pp
111-31-10440	1st N of Twin Point	Moderate	3	617	Pp
	2nd N of Twin Point	Lesser	2	114	
111-31-10700	Doty Cove Creek	Lesser	3	13	COp,Pp
111-32-10320	Taku River	Moderate	20	3182	Sp,Kp,COp,Pp,CHp,SHp,DVp,CTp
111-32-10320-2052	Fish Creek-Taku R	Lesser	13	78	Sp,COp,CHp,DVp,CTp
111-32-10320-2032	Wright Creek-Taku R	Lesser	1	5	Sp,Kp,COp,Pp,CHp
111-32-10320-2024	Yehring Creek-Taku R	Moderate	5	530	Sp,COp,CHp,DVp
111-32-10320-2016	Johnson Creek-Taku R	Lesser	1	12	COp,CHp,DVp,CTp
111-32-10800	Turner Lake Outlet	Moderate	29	13136	Pp,DVp
	Slocum Inlet NE Head	Moderate	2	4331	
111-32-10990	Slocum Creek	Moderate	34	16476	Pp,CHp
	Stuhini Creek	Lesser	1	300	
	Stuhini Lake	Lesser	1	12	
	King Salmon Creek	Moderate	1	10200	
	Nakina River	High	11	109175	
111-33-10080	1st S of Prospect Ck	Lesser	3	142	COp
111-33-10100	Prospect Ck Speel	Moderate	32	16731	Pp,CHp
111-33-10300	Speel River	Moderate	5	532	Sp,COp,Pp,CHp
111-33-10300-2014	Wolverine Creek	Moderate	7	1171	COs,Ps,CHs
111-33-10300-2014	Speel Lake	Lesser	1	500	COs,Ps,CHs
111-35-10050	Whiting River	Moderate	9	1677	Sp,COp,Pp,CHs,DVp
111-35-10050-2035-0010	Crescent Lake Outlet	Moderate	13	1765	
111-35-10050-2035-0010	Crescent Lake	Lesser	1	200	
111-35-10050-2032	Across From Crescent	Lesser	6	460	COp,Pp,CHp
	Muir's Slough	Moderate	1	1500	
111-35-10050-2035	Crescent Lake Inlet	High	1	41000	Sp,COp,Pp,CHs,DVp
111-35-10200	Sweetheart Creek	Moderate	32	7680	Pp,CHp
	S of Sweetheart Ck	Moderate	4	1375	
111-35-10320	Gilbert Creek	Moderate	28	3315	COp,Pp,CHp
111-35-10360	Gilbert Bay W Head	Moderate	1	1350	Pp,CHp
111-35-10420	Gilbert Bay W Side	Moderate	1	800	Pp
111-40-10070	Switzer Creek	Lesser	22	207	Sp,COp,Pp,CHp,DVp,CTr
111-40-10100	Lemon Creek	Lesser	5	326	COp,CHs,DVp
111-40-10125	Vanderbilt Creek	Moderate	9	8036	COsr,Ps,CHs,DVr
111-40-10150	Salmon Creek Gast Ch	Moderate	32	8330	COs,Pp,CHs,DVp
111-40-10200	Gold Creek	Moderate	4	718	Pp,CHp
111-40-10280	Sheep Creek	Moderate	27	13621	Pp,CHp

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
	Grindstone Creek	Lesser	2	108	
	Rhine Creek	Lesser	2	133	
111-40-10400	Green Cove Creek	Moderate	2	936	COp,Pp
	Falls Creek	Moderate	1	538	
111-40-10500	Stink Creek N Adm Is	Moderate	4	2145	COp,CHp
	West of Stink Creek	Moderate	2	757	
111-40-10600	Middle Point Creek	Moderate	27	1351	COp,Ps,CHs,DVp,CTp
111-40-10700	Hilda Ck Douglas Is	Moderate	23	4509	COp,SHp
	Nevada Creek	Lesser	3	246	
111-40-10850	Bullion Creek	Moderate	4	790	Ps
111-40-10860	Ready Bullion Creek	Lesser	4	96	Pp
111-40-10890	Lawson Ck E Doug Is	Moderate	19	1371	Pp,DVp
111-40-10900	Cowee Creek	Moderate	12	3172	Ps,CHs
111-40-10920	Eagle Creek	Moderate	8	611	COp,CHp,DVp
111-40-10960	Neilson Creek	Lesser	1	200	COr,DVp
111-40-10980	Hendrickson Creek	Lesser	1	7	COr,Ps,DVp,CTr
111-41-10050	Admiralty Creek	Moderate	34	19559	COp,Pp,CHp,SHp,DVp
111-41-10100	Reef Creek	Lesser	1	76	Pp,CHp
111-41-10120	1st W Admiralty Ck	Moderate	16	2114	COp
111-41-10160	West Cabin Creek	Moderate	13	2206	COp
111-41-10170	Cabin Creek	Moderate	14	2234	COp
111-41-10180	Fowler Ck Young Bay	Moderate	22	2758	COp,Pp,CHp
111-50-10070-2004	Herbert River	Lesser	1	4	Sp,COp,Pp,CHp,SHp,DVp,CTp
111-50-10100	Peterson Ck Favor C	Moderate	26	5744	COp,Pp,CHp,SHp,DVp,CTp
111-50-10200	Tee Creek	Moderate	2	1288	COr,Ps,CTr
111-50-10300	Lena Creek	Lesser	2	361	COr,Pp,CHp,DVp
111-50-10310	Campground Creek	Lesser	2	114	COpr,Pp,CHr,DVr,CTr
111-50-10350	Auke Nu Creek	Moderate	3	629	Ps
111-50-10370	Wadleigh Creek	Moderate	19	1159	Ps,CHs
111-50-10390	Bay Creek	Lesser	1	500	COr,Ps
111-50-10420	Auke Creek	Moderate	10	2629	Sp,COp,Ps,CHp,SHp,DVp,CTp
111-50-10420-2010	Lake Creek	Moderate	1	1218	COp,Ps
111-50-10500-2003	Montana Creek	Moderate	23	734	COp,Ps,CHp,SHs,DVp
111-50-10500-2006	Steep Creek	Lesser	15	15	Sp,COsr
111-50-10500-2004	Mendenhall Ponds	Moderate	1	618	COpr,Pp,DVp,CTp
111-50-10500-2002	Duck Creek	Lesser	1	3	COpr,Pp,CHp,DVp,CTr
111-50-10660	Johnson Creek	Lesser	1	151	COp,Ps,DVp,CTr
111-50-10670	Ninemile Creek	Lesser	1	4	COr,CHs,DVp
111-50-10690	Fish Creek-Douglas I	Moderate	34	10520	Kp,COp,Pp,CHp,DVp,CTp
	Cove Creek	Moderate	1	10335	
111-50-10750	Peterson Ck Doug Is	Moderate	22	1852	COsr,Ps,CHp,DVp,CTr
111-50-10800	Bear Ck Stephens Pas	Moderate	26	7333	COp,Pp,CHp,SHp
111-50-10880	Barlow Cove Head	Moderate	13	1995	COp,Pp
	West Hd Barlow Cove	Moderate	12	1285	
111-50-10920	Barlow Cove W Shore	Moderate	9	580	COp,Pp
111-90-10050	Limestone Inlet	High	34	41347	COp,Pp,CHp

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
112-11-10080	Takatz Bay	Moderate	2	2000	COp,Pp,CHp
112-11-10120	Cosmo Bay Head	Lesser	1	500	COp,Pp,CHp
112-11-10150	Catherine Is E Side	Moderate	9	3247	COp,Pp,CHp,CTp
112-12-10050	White Rock Creek	Moderate	34	23831	COp,CHp
112-12-10080	N of White Rock	Moderate	11	1350	COp
	Dip 2	Moderate	5	760	
112-12-10160	Little Basket Bay	Moderate	12	2072	Sp,COp,Pp,DVp
112-12-10250	Kook Lake Outlet	Moderate	28	4884	Sp,COp,Pp,SHp,DVp
112-12-10250-0010	Kook Lake	Lesser	1	230	
112-12-10250-2013	Kook Creek (Inlet)	Lesser	3	118	COp
112-12-10340	N of Basket Bay	Moderate	34	17757	Pp
112-12-10460	Gypsum Creek	Moderate	34	2200	COp,Pp,CHp
112-12-10500	Wukuklook Creek	Moderate	34	13737	COp,Pp,CHs
112-13-10060	Iyouktug Creek	Moderate	34	11939	COp,Pp,CHp
112-15-10100	Cordwood Creek	Lesser	1	100	COp
112-15-10400	North Sisters Creek	Lesser	4	337	CHp
112-15-10420	Lynn Sisters Creek	Moderate	7	1163	COp,Pp
	South Sisters Creek	Moderate	10	2008	
112-15-10500	3mi S of Lynn Sister	Lesser	4	435	Pp,CHp
	North Opp Retreat Ck	Lesser	1	308	
112-15-10535	North Retreat Opp	Moderate	5	922	Pp
112-15-10540	Willie's Creek	Moderate	25	7322	Pp,CHp
	South Retreat Opp	Moderate	2	1690	
112-15-10620	Robinson Creek	High	34	28363	Pp,CHp,DVp
112-16-10300	Wheeler Creek	Moderate	34	17324	Kp,COp,Pp,CHp,DVp,CTp
112-17-10100	Peanut Creek	Moderate	9	5057	Pp
112-17-10120	Lake Kathleen Creek	Moderate	34	5366	Pp
112-17-10160	Ward Creek	Moderate	31	2337	COsr,Ps,CHs,DVsr
	Below Ward Creek	Lesser	1	100	
112-17-10250	Lake Florence Creek	Moderate	33	6201	COp,Pp,CHp
112-17-10300	Fishery Creek	Moderate	33	4256	Pp,CHp
112-17-10400	Marble Creek	Moderate	34	6935	Pp
112-17-10460	3rd S of Marble Cove	Lesser	2	120	Ps
112-17-10490	N of Parker Point	Lesser	2	260	Ps
112-17-10500	Thayer Creek	Moderate	34	4102	Pp,CHp
112-19-10100	Wilson River	High	34	36152	COp,Pp,CHp,SHp,DVp
112-19-10150	Wilson Cove SE	Moderate	23	6367	Pp,CHp
112-21-10040	Glacial River-Kelp B	Moderate	11	9564	COp,Pp,CHp
112-21-10050	Clear River Kelp Bay	High	34	48851	COp,Pp,CHp
112-21-10060	Ralphs Creek-Kelp B	High	34	35726	COp,Pp,CHp
112-21-10080	Kelp Bay M Arm Head	Moderate	33	19562	COp,Pp,CHp
112-21-10090	Kelp Bay Portage Arm	Moderate	25	3770	COp,Pp,CHp
112-21-10092	Kelp Bay Portage Arm	Moderate	13	4323	COp,Pp,CHp
112-41-10360	Passage Point Creek	Moderate	19	1095	Pp
112-41-10100	Trap Bay East	Moderate	31	4154	COp,Pp,CHp,DVp
112-41-10200	Harley Creek	Moderate	4	714	Pp,CHp

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
112-42-10080	Indian River-Tenakee	Moderate	27	7496	COp,Pp,CHp
112-42-10160	Corner Bay Creek	Moderate	34	10063	COp,Pp,CHp,DVp,CTp
112-42-10250	Kadashan Creek	High	32	58492	COp,Pp,CHp,SHp,DVp
112-42-10280	W Kadashan Creek	Moderate	13	1000	COp,Pp,CHp
112-42-10320	Rudy Creek	Moderate	33	3748	COp,Pp,CHp
112-43-10020	Crab Bay South Side	Moderate	34	11597	COp,Pp,CHp
112-43-10090	Crab Bay South Head	Moderate	10	4490	COp,Pp,CHp
112-43-10100	Crab Bay Head	Moderate	33	14060	COp,Pp,CHp
112-44-10100	Saltery Bay Head	Moderate	34	20618	COp,Pp,CHp
112-48-10520	Opposite Long Bay	Moderate	4	13650	COp,Pp
112-45-10125	W of Ten Mile	Moderate	2	13798	COr,Ps
112-45-10120	Opposite Seal Bay	Moderate	4	1329	Kp,COr,Ps
	McLeod Creek	Lesser	1	100	
	1st East of Eaton	Moderate	4	1558	
112-45-10320	Eaton Creek	Moderate	31	2218	COp,Pp,CHp
112-45-10360	E of Seal Bay Ent	Moderate	30	5147	Pp,CHp
112-46-10040	E Side Seal Bay	Moderate	21	4462	Pp
112-46-10070	Seal Bay Head	High	34	63506	COp,Pp,CHp
112-46-10080	Seal Bay N Channel	Lesser	2	300	COp,Pp,CHp
112-47-10100	Long Bay Head	High	34	67588	COp,Pp,CHp
112-48-10120	Goose Cove E Shore	Moderate	4	11281	COp
112-48-10150	Big Goose Creek	High	34	53617	COp,Pp,CHp
112-48-10190	Little Goose Creek	Moderate	27	13974	Pp
112-48-10230	West Bay Head Creek	High	33	39047	COp,Pp,CHp
112-48-10350	Tenakee Inlet Head	High	32	28585	COs,Ps,CHs
112-50-10050	Wachusett Creek	Moderate	14	611	COpr,Pp,CHp
112-50-10100	Pavlof River	Moderate	22	1183	Sp,COp,Ps,CHs,DVp,CTp
112-50-10250	Kennel Creek	Moderate	34	11559	COpr,Pp,CHp
112-50-10300-2001	Freshwater Creek	High	34	27605	COp,Pp,CHp,SHp,DVp,CTp
112-50-10320	Bay Head Creek	Moderate	25	2735	COp,Pp,CHs,SHp
	Freshwater Bay NE Hd	Moderate	15	5758	
112-50-10380	Seal Ck Freshwater B	Moderate	33	6820	COp,Pp,CHp
	N of Seal Creek	Lesser	2	425	
	West N Tip Couverdon	Moderate	2	770	
	Howard Bay SW Bite	Lesser	3	90	
112-61-10060	Howard Bay West Side	Moderate	29	2656	Pp
112-61-10080	Howard Bay NW Side	Moderate	33	4804	Pp
112-61-10100	Point Howard Creek	Moderate	34	15648	Pp,CHp,DVp
112-61-10120	Howard Bay E Head	Moderate	13	1692	Pp,CHp,DVp
112-63-10080	Crab Cove NE Head	Moderate	2	4750	Pp
	Tram Creek	Lesser	1	200	
112-63-10120	Funter Bay S Side	Moderate	19	2167	COp,Ps,CHs
112-63-10130	Funter Creek	Moderate	24	3631	COp,Pp,CHp
112-65-10110	Tractor Trail Creek	Lesser	1	220	Ps,CHs
112-65-10120	Jimmy Green Creek	Moderate	16	2204	CHp
112-65-10140	Hawk Inlet Head NW	Moderate	14	2506	Ps,CHs

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
112-65-10150	Hawk Inlet Head	Moderate	22	2481	Pp,CHp
112-65-10230	Zinc Ck Hawk Inlet	Moderate	7	9614	COp,Pp,CHp,DVp
112-65-10240	Greens Creek	Moderate	34	18856	COp,Pp,CHp,DVp
112-65-10280	Piledriver Cove Crk	Moderate	24	5439	Pp
	East End Frshwtr Lk	Moderate	2	1150	
112-67-10350	Hasselborg River	Moderate	25	2435	COs,Ps,CHs,SHp,DVp,CTp
112-67-10400	Jims Creek	Moderate	8	655	COp,Pp,CHp,DVp,CTp
112-67-10450	Gabriel Creek	Lesser	1	30	COp,Pp,DVp
	Kanalku Bay	Lesser	2	200	
112-67-10600	Kanalku Lake Creek	Moderate	26	6078	Sp,Pp,CHp,DVp
112-67-10800	Favorite Creek	Moderate	29	2243	COp,Pp,CHp,DVp
112-71-10240	Narrows Creek	Moderate	7	2441	COp,Pp,CHs,DVp
112-72-10100	Hood Bay N Arm Nw Hd	Moderate	10	2292	COp
112-72-10110	Weir Ck N Arm Hood B	Moderate	34	12463	COp,Pp,CHp
112-72-10120	Hood Bay N Arm E Hd	Moderate	32	9725	COp,Pp,CHp,SHp
	Hood Bay S Arm N Sd	Moderate	8	1314	
112-73-10170	Hood Bay s Arm Hd N	Moderate	22	4839	COp,Pp
112-73-10200	Hood Bay S Arm Head	Moderate	27	7767	Pp,CHp
112-73-10240	Weir Ck S Arm Hood B	Moderate	34	19663	COp,Pp,CHp
112-73-10300	1st NW of Weir Creek	Moderate	24	3166	COp,Pp
112-80-10100	Chaik Bay N Arm Head	Moderate	2	1288	COp,DVp
	Chaik Bay S Arm Nrth	Moderate	3	4680	
112-80-10280	Chaik Bay Creek	High	34	50236	COp,Pp,CHp,DVp
112-90-10140	Whitewater Creek	Moderate	34	22450	Pp,CHp,DVp
112-90-10160	Whitewater S Arm Hd	Moderate	13	3178	COp,Pp,CHp
113-12-10010	Big Branch Bay Head	Moderate	6	2258	COp,Pp,CHp,DVp
113-13-10010	Redfish Bay Head	Moderate	3	2575	Sp,COp,Pp,CHp,SHp,DVp
113-21-10020	Sandy Bay	Moderate	13	7881	COp,Pp,CHp,SHp,CTp
113-21-10110	Snipe Bay	Moderate	2	525	COp,Pp,CHp
113-21-10170	Byron Bay	Lesser	1	100	COp,Pp,CHp
113-22-10030	Grebe Lake Whale Bay	Moderate	3	14333	COp,Pp,CHp,CTp
	Whale Bay Sm Arm NW	High	22	29800	
113-22-10070	Whale Bay Sm Arm NE	Moderate	3	567	Pp,CHp
113-22-10080	Politofski Lk Outlet	High	21	26848	Sp,COp,Pp,CHp,SHp,DVp
113-22-10150	Whale Bay Grt Arm Hd	High	28	27163	Pp,CHp
113-22-10180	Whale Bay Grt Arm E	Moderate	30	16383	Sp,COp,Pp,CHp,DVp
113-22-10230	Whale Bay Grt Arm SE	High	3	34000	COp,Pp,CHp
113-22-10280	Port Banks	Moderate	8	1379	Sp,COp,Pp,CHp,SHp,DVp
113-22-10350	Still Harbor Head	Moderate	12	3550	COp,Pp,CHp
113-31-10030	Big Bay	Moderate	3	2533	COp,Pp,CHp,SHp,DVp,CTp
113-31-10050	President Bay	Moderate	1	1000	COp,Pp,CHp
	Seven Fathom Bay Cr	Moderate	1	5000	
113-32-10030	W Crawfish Inl N Arm	Moderate	4	3300	COp,Pp,CHp
113-32-10040	W Crawfish N Arm NE	Moderate	16	17573	COp,Pp,CHp,DVp
113-32-10050	W Crawfish NE Arm Hd	High	25	31471	Pp,CHp,DVp
113-34-10050	Necker Bay Lake	Lesser	1	3	Sp,COp,Pp,CHp,SHp,DVp

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
	P Krestof Sound	Moderate	6	850	
	P Krestof Hayward SW	Moderate	13	4602	
	Degroff Bay	Moderate	6	517	
	Starrigavin Creek	High	34	53445	
	Old Sitka Creek	Moderate	3	766	
	Granite Creek	Moderate	22	6259	
	Cascade Creek	Moderate	3	2375	
113-41-10190	Indian River Sitka	High	27	50844	COp,Pp,CHp,SHp
113-41-10200	Thimbleberry Creek	Moderate	5	2225	COp,Pp,CHp
113-41-10210	Sawmill Creek-Sitka	Moderate	11	9660	COp,Pp,CHp,SHp
113-41-10280	Bear Crk Silver Bay	Moderate	9	5740	COp,Pp,CHp,DVp
113-41-10320	Salmon Lake Stream	High	32	42289	Sp,COp,Pp,CHp,SHp,DVp,CTp
	Camp Coogan	Moderate	28	14049	
113-41-10350	Aleutkina Bay	Moderate	16	5897	COp,Pp,CHp
113-41-10360	Deep Inlet Stream	Moderate	3	1967	Pp,CHp
113-41-10400	Sandy Cove	Moderate	21	3589	COp,Pp,CHp
113-41-10410	Sam Sing Cove	Lesser	1	35	COp,Pp,CHp
113-41-10420	Kizhuchia Ck Red Bay	Moderate	30	11047	COp,Pp,CHp,DVp
113-41-10440	Redoubt Lake Outlet	Moderate	3	586	Sp,COp,Pp,DVp
	NW Krestof Sound	Moderate	14	8738	
	Eagle River	High	29	26273	
113-42-10020	O Nerka Creek	Moderate	25	10088	COp,Pp,CHp,CTp
113-42-10030	Limit Ck Nakwasina P	Moderate	32	18144	COp,Pp,CHp,DVp
113-42-10035	Noxen Creek	High	33	38526	COp,Pp,CHp
	North Halleck Is.	Moderate	1	10000	
113-42-10050	Jims or Duck Creek	Moderate	17	4468	Pp,CHp
	No. of Limit Island	Lesser	1	10	
113-43-10020	Nakwasina River	High	34	61983	COp,Pp,CHp
113-43-10030	Nakwasina Snd Mid Hd	Moderate	7	11133	COp,DVp
113-43-10040	Nakwasina Snd NE Hd	Moderate	4	3205	DVp
113-43-10050	Liza Ck NakwasinaSnd	Moderate	34	11369	COp,Pp,CHp
113-44-10010	Cedar Cv Katlian Bay	Moderate	4	540	COp,Pp,CHp
113-44-10020	Coxe Ck Katlian Bay	Moderate	2	600	COp,Pp,DVp
113-44-10030	Katlian River	High	32	54827	COp,Pp,CHp,DVp
113-44-10040	Katlian Bay Mid.Head	Moderate	2	12000	COp,Pp,CHp
113-44-10050	Katlian Bay S. Fork	High	34	86679	COp,Pp,CHp,DVp
113-44-10080	Clearcut Ck Katlian	Moderate	3	9000	COp,Pp,CHp
113-45-10010	Gilmer Bay Krusof Is	Moderate	1	10000	COp,Pp,CHp
113-45-10050	West Iris Meadows	Moderate	3	3667	COp,Pp,CHp
113-45-10060	North Iris Meadows	Moderate	3	3800	COp,Pp,CHp
113-51-10010	Broad Creek	Moderate	29	10010	COp,Ps,CHs
113-51-10020	Oly Creek	Moderate	25	22179	COp
113-51-10030	Peril Sts N Side #3	Moderate	2	8325	COp,Pp,CHp
113-51-10040	Peril Sts N-False Is	Moderate	30	14223	COp,Pp
113-51-10120	Duffield River	Moderate	5	3000	COp,Pp,CHp
113-52-10020	Hanus Bay East	Moderate	3	2633	COp,Pp,CHp

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
113-52-10040	Hanus Bay	Moderate	18	14953	Sp,COp,Pp,CHp,SHp,DVp,CTp
113-53-10030	Saook Bay West Head	High	34	41083	COp,Pp,CHp
113-54-10050	Appleton Cove W Head	Moderate	32	6992	COp,Pp,CHp,CTp
113-54-10070	Rodman Creek	High	34	27693	COp,Pp,CHp,CTp
113-54-10100	Rodman Bay SW	Moderate	4	763	COp,Pp,CHp
113-55-10010	Finger River	Moderate	28	16232	COp,Pp,CHp,DVp
113-55-10050	West Broad Creek	Moderate	27	10472	COp,Pp,CHp,DVp
113-55-10090	Povoratni Creek	Lesser	1	200	COp,Pp,CHp
113-55-10110	Poison Cove SW Head	Moderate	22	3239	COp,Pp,CHp
113-56-10020	Ushk Bay SW End	Moderate	30	9953	COp,Ps,CHs
113-56-10030	Ushk Bay W End	Moderate	33	18458	COp,Pp,CHp
113-56-10040	Ushk Bay N End	Moderate	3	5000	COp,Pp,CHp
113-56-10050	Ushk Bay N Side	Moderate	6	2092	COp,Pp,CHp
113-57-10010	Fick Cove Head	Moderate	34	18830	COp,Pp,CHp
113-57-10020	Hoonah Snd S Arm SW	Moderate	27	4630	COp,Pp,CHp
113-57-10040	Patterson Bay SW Hd	Moderate	25	3823	COp,Ps,CHs
113-57-10050	Patterson Bay W Head	High	34	35739	COp,Pp,CHp
113-57-10060	Patterson Bay N Side	Lesser	1	100	COp,Pp,CHp
113-57-10090	Hoonah Snd S Arm Hd	Moderate	33	5365	COp,Pp,CHp
113-58-10020	Hoonah Snd N Arm Wst	Moderate	34	12516	COp,Pp,CHp
113-58-10400	Granite Creek N Arm	High	34	25424	COp,Pp,CHp
113-58-10500-2001	Hoonah Sound N Head	High	34	49982	COp,Pp,CHp
	Hoonah Snd N Arm N#1	Moderate	2	6750	
113-58-10070	Hoonah Snd N Arm N#2	Moderate	6	3100	COp,Pp,CHp
113-58-10100	No. Arm E Hoonah Snd	Moderate	5	1690	COp,Pp,CHp
113-58-10110	No. Arm E Hoonah Snd	Moderate	8	3438	COp,Pp,CHp
113-59-10040	Sitkoh Lake Creek	High	31	30143	Sp,COp,Pp,CHp,SHp,DVp,CTp
	Sitkoh Lake	Lesser	1	500	
113-59-10070	Sitkoh Bay Head	High	32	32996	COp,Pp,CHp
113-61-10030	Leo Lk Fortuna Strts	Moderate	2	4025	Sp,COp,Pp,CTp
113-61-10060	Sea Lion Cove S End	Moderate	2	3550	Sp,COp,Pp,CHp,DVp
113-62-10010	Coho Creek Salisbury	Moderate	2	1000	COp,Pp,CHp
113-62-10060	Sukoi Inlet W Side	Moderate	31	7301	COp,Pp,CHp
113-62-10070	Sukoi Inlet NW Side	Moderate	19	2932	COp,Pp,CHp
113-62-10080	Sinitsin Cove Head	Moderate	33	15568	COp,Pp,CHp
113-62-10090	Kalinin Cove Head	Moderate	31	8835	COp,Pp,CHp
	Sukoi Inlet SE Head	Moderate	23	7316	
113-63-10090	Range Crk Peril Sts	Moderate	5	1094	COp,Pp,CHp,CTp
113-64-10010	Deep Bay Head	High	34	73237	COp,Pp,CHp
113-65-10040	Fish Bay Creek	High	34	69337	COp,Pp,CHp
113-65-10050	Fish Bay S Side Head	High	30	28583	COp,Pp,CHp
113-66-10020	East of Kane Island	Moderate	8	5813	COp,Pp,CHp
113-66-10030	Marine Cove	Moderate	24	11339	COp,Pp,CHp
113-66-10040	St. John Baptist NW	Moderate	1	22840	COp,Pp,CHp
113-66-10050	St. John Baptist NW	Moderate	14	7288	Pp,DVp,CTp
113-66-10060	St. John Baptist Hd	Moderate	33	17631	COp,Pp,CHp

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
113-72-10010	Chichagoff Creek	Moderate	28	12152	COp,Pp,CHp,SHp
113-72-10020	Fish Camp -Klag Bay	Moderate	13	5912	Sp,COp,Pp,CHp,SHp,DVp,CTp
113-72-10030	Lake Anna Head	Moderate	12	4819	Sp,COp,SHp,DVp,CTp
113-72-10040-2019	Rust Crk Sister Lake	High	33	33614	COp,Pp,CHp
113-72-10040-2025	Sister Lake SE Head	High	34	56144	COp,Pp,CHp
113-72-10040-2028	Sister Lake Se End	Moderate	21	7357	COp,Pp,CHp
113-72-10040-2011	West Sister Lake	Moderate	4	4025	COp,Pp,CHp
	Sister Lk Bottom 4&5	High	2	32000	
113-73-10010	Ford Arm NW Head	Moderate	5	6320	COp,Pp,CHp
113-73-10030	Lake Stream Ford Arm	High	33	67248	Sp,COp,Pp,CHp,SHp,CTp
113-73-10040	South Ford Arm	Moderate	34	16633	COp,Pp,CHp
113-73-10050	Falcon Arm Head	Moderate	14	7657	COp,Pp,CHp
113-73-10060	Waterfall Cove Creek	High	34	54679	COp,Pp,CHp,SHp
113-73-10070	Slocum Arm Island Cv	Moderate	14	4600	COp,Pp,CHp
113-73-10080	Slocum Arm Flat Cove	Moderate	22	7001	COp,Pp,CHp
113-73-10090	Slocum Hidden Cove	Moderate	10	8170	Pp,CHp
113-73-10100	Slocum Arm Head	High	34	28353	COp,Pp,CHp
113-73-10120	Khaz Creek	Moderate	31	13077	COp,Pp,CHp
113-81-10020	Goulding Harbor NW	Lesser	3	267	COp,Pp,CHp
113-81-10030	Goulding Harbor Head	Moderate	30	16733	Sp,COp,Pp,CHp,DVp
113-81-10080	Pinia Bay Head	Moderate	8	619	CHp
113-81-10090	Didrickson Bay	Moderate	5	8585	COp,Pp,CHp,DVp,CTp
113-81-10100	Black Bay North Head	Moderate	34	21219	COp,Pp,CHp,SHp,CTp
113-81-10110	Black River	High	34	40738	COp,Pp,CHp
113-91-10080	Islas Bay	Moderate	2	850	COp,Pp,CHp,SHp,DVp,CTp
113-91-10110	Porcupine River	Lesser	1	1	COp,Pp,CHp
113-91-10140	Falls Ck E of Post I	Moderate	3	2733	COp,Pp,CHp
113-93-10010	Surge Bay	Lesser	1	10	Sp,COp,SHp,DVp,CTp
113-95-10010	2 mi S Col Pt Liz In	Moderate	1	4000	Pp
113-95-10025	Meadow Creek Miner I	Moderate	9	4789	Pp,CHp
113-95-10030	Pelican Creek	Moderate	10	11130	Pp,CHp
113-95-10040	Phonograph Ck Lis In	Moderate	27	9893	Sp,COp
113-95-10050	Soloma Pt Lis Inlet	Moderate	12	1608	COp,Pp,CHp
113-95-10060	Lisianski River	High	34	80479	Ss,COp,Pp,CHp
113-95-10070	Steelhead R SW Lis I	High	32	29194	COp,Pp,CHp
	East Yakobi	High	2	32500	
	Soapstone W of Lis I	Moderate	3	9833	
113-96-10020	Saltery Rvr Stag Bay	Moderate	34	18809	COp,Pp,CHp
113-96-10030	Stag River	Moderate	14	5711	COp,CHp
113-97-10060	NW Lisianski Strait	Moderate	8	3294	Pp,CHp
114-21-10480	Lagoon Creek	Moderate	3	583	COp,Pp,CHp,DVp
114-21-10620	Carolus River	Moderate	5	562	COp,Pp,CHp,DVp
114-21-10680	W of Goose Island	Lesser	2	27	Pp
114-21-10720	Fox Crk Shaw Island	Moderate	1	1000	Pp
114-23-10050	Gustavus Flats	Lesser	1	500	COs
114-23-10080	Salmon Crk Gustavus	Lesser	1	450	COp,Pp,CHp,SHp,DVp

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
114-23-10220	Kahtaheena River	Moderate	15	1092	COpr,Psp,CHs,DVp,CTpr
114-23-10240	East of Kahtaheena	Moderate	15	581	Pp
114-23-10298	West Of Eagle Point	Lesser	3	287	COr,Pp
114-23-10300	Wishbone Creek	Moderate	3	633	COr,Pp
114-23-10350	Chicken Ck Icy Strts	Moderate	16	4070	Pp,CHp
114-23-10370	Eagle Point Creek	Moderate	2	5001	COr,Pp,CHp
114-23-10700	Mud Bay River	Moderate	33	19655	Sp,COp,Pp,CHp,DVp
114-23-10730	West Mud Bay Head	Moderate	11	4277	Pp
114-23-10800	Goose Creek	Moderate	17	2637	CHp
114-25-10050	Windy Creek	Moderate	12	2129	Pp
114-25-10100	Homeshore Creek	Moderate	34	18279	COp,Pp,CHp
114-25-10120	East Homeshore Creek	Moderate	20	2578	Pp,CHp
	Joe Creek	Lesser	2	250	
	Heidi Creek	Moderate	2	2400	
114-25-10180	Humpy Creek	Moderate	25	4260	Pp,CHp
	SE of Humpy Creek	Lesser	1	220	
	Kataheena Creek	Lesser	1	120	
114-25-10250	SE of Humpy Creek	Moderate	7	1036	Ps
114-25-10350	West Swamson Creek	Moderate	23	2965	COs,Pp,CHp
114-25-10370	Swanson Harbor Creek	Moderate	6	620	Pp
114-25-10380	Homestead Creek	Moderate	7	3116	Ps,CHp
114-27-10120	Whitestone East Side	Moderate	7	1907	Pp,CHp
114-27-10150	Suntaheen Creek	Moderate	34	10833	COr,Pp,CHp,SHp,DVp,CTp
114-27-10180	Whitestone Head	Moderate	26	3007	COr,Pp,CHs,DVp
114-27-10260	E of Spasski Bay	Lesser	1	200	Pp
114-27-10300	Spasski Creek	Moderate	34	21380	COp,Pp,CHp,SHp,DVp,CTp
	Spasski Bay West SD	Moderate	2	850	
114-27-10550	Gallagher Creek	Moderate	12	2386	COr,Pp
114-31-10090	Gartina Creek	Moderate	22	2310	COp,Pp,CHp,DVp
114-31-10130	Game Creek	High	34	44444	COp,Pp,CHp,DVp,CTp
114-32-10040	Seagull Creek	Moderate	31	6751	COsr,Pp,CHp
114-32-10060	Bear Ck Midway Rocks	Moderate	30	3445	Pp,CHp
	S Shore of Narrows	Moderate	1	1200	
	Head Salt Lake	Moderate	1	4000	
114-32-10240	Lake Ck Prt Fredrick	Moderate	3	5717	COp,Pp,CHs
114-32-10360	Eigth Fathom Bite Ck	Lesser	6	284	COp
114-33-10130	Portage Creek	Moderate	4	19588	CHp
114-33-10230	Neka River	High	34	28584	Sp,Kp,COp,Pp,CHp,DVp
114-33-10230-2005	Neka Lake	Moderate	4	2664	Pp,CHp
114-33-10250	Chum Creek	Lesser	8	464	CHp
114-33-10290	Homestead Creek	Moderate	13	1419	CHp
114-34-10100	Humpback Creek	High	34	28422	COp,Pp,CHp,DVp
114-34-10200	Halibut Creek	Moderate	11	1515	COr,Pp,CHp,DVp
	1 mi No. of Village	Lesser	1	400	
	Idaho Sandspit	Moderate	8	1279	
114-40-10230	Nip and Tuck Creek	Moderate	7	1136	Pp

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
114-40-10250	Cabin Ck Idaho Inlet	Moderate	15	2797	Pp
	E Shore S of Cabin C	Lesser	2	500	
114-40-10350	Trail River	Moderate	33	19305	COp,Pp,CHp,DVp
114-40-10380	Marble Creek	Moderate	17	3175	COp,Pp,CHp
114-40-10420	N of Marble Creek	Lesser	2	120	Ps
114-40-10440	3 mi N of Marble Ck	Lesser	5	178	Ps
114-40-10570	Canyon Creek	Moderate	4	1631	Pp
114-50-10100	Anchor Bite Creek	Moderate	14	2094	Pp,CHp
114-50-10120	S Anchor Bite Creek	Moderate	16	1217	Pp,CHp
114-50-10200	Althorp Creek	Moderate	34	19454	COp,Pp,CHp
114-50-10250	Humpie Ck Prt Althrp	Moderate	20	2684	COp,Pp,CHp
114-50-10300	Margret Ck P Althorp	Moderate	11	3520	Pp
114-60-10800	Dundas River	Moderate	4	1875	Sp,COp,Pp,CHp,DVp
114-60-10800-2004	Lake Seclusion	Moderate	2	4400	Sp,COp,Pp,CHp,DVp
114-70-10140	North Rush Pt. Creek	Moderate	1	9500	COp,Pp,CHp,DVp
114-70-10780	W Hd of Beartrack Cv	Moderate	4	525	Ps
114-70-10800	Beartrack River	High	4	28925	Pp,CHp,DVp
114-70-10900	Bartlett River	Moderate	7	2648	Sp,COp,Pp,CHp,SHp,DVp
114-71-10240	E Side S Hd Berg Bay	Moderate	7	511	Pp,CHp
114-71-10320	Berg River	Moderate	5	1122	Sp,Pp,CHp
	Finger North	Lesser	1	120	
114-73-10150	Tyndall Cove Head	Moderate	1	1544	Pp
	Wood Creek	Lesser	1	60	
	Vivid Lake NW Outlet	Moderate	1	528	
114-80-10200	Excursion River	Moderate	34	16886	COp,CHp,DVp
114-80-10400	Cannery Ck Excur Inl	Moderate	1	15000	Pp
114-80-10450	Neva Creek	Moderate	18	3756	Sp,Pp,CHp
114-80-10500	Cabin Ck Excur Inlet	Moderate	17	3603	Pp,CHp
	Max Creek	Lesser	1	100	
115-10-10230	South Bridgit Cove	Moderate	3	669	COp,CTp
115-10-10250	Bessie Creek	Lesser	1	74	COr,Ps
115-10-10300	Boundary Creek	Lesser	6	357	
115-10-10308	S of St. James Point	Moderate	9	1392	
115-10-10320	St. James Point	Lesser	7	467	COr,Ps
115-10-10420	St James Bay NW Side	Moderate	27	2485	COp,Pp,CHp
115-10-10430	St. James	Lesser	8	448	Ps,CHs
115-10-10460	St. James River	Moderate	18	4672	COr,Pp,CHp,DVr
115-10-10500	Boat Harbor Creek	Moderate	10	1568	COp
115-10-10650	Beardslee River	Moderate	23	6611	COp,Pp,CHp,DVp
115-10-10680	W Head N Wm Henry B	Moderate	15	1873	Ps,CHs
115-10-10800	Endicott River	Moderate	30	9327	COp,CHp,DVp
115-20-10070	Johnson Ck Berners B	Lesser	1	365	COp,Pp,CHp
115-20-10100	Berners River	Moderate	22	1662	Sp,COp,CHp,DVp,CTp
115-20-10200	Lace River Berners B	Lesser	14	151	COp
115-20-10300	Antler-Gilkey River	Moderate	16	712	COp,CHp
115-20-10520	Sawmill Ck Berners B	Moderate	28	10754	Pp,CHp,DVp

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
115-20-10620	Cowee Ck Berners Bay	Moderate	14	13530	COp,Pp,CHp,SHp,DVp,CTp
115-20-10620-2003	Davies Creek	Lesser	1	200	COp,Pp,CHp,SHp,DVp,CTp
115-31-10300	Independence Creek	Moderate	2	850	Sp
115-31-10330	Sherman Creek	Moderate	11	1420	Pp
115-31-10350	Sweeny Creek	Moderate	4	516	Pp
115-31-10380	Sullivan Creek	Moderate	18	3560	Ps,CHs
115-32-10250	Chilkat River	High	31	47858	Sp,Kp,COp,Pp,CHp,SHp,DVp,Wp,CTp
115-32-10250-2067-3001	Clear Ck Murphy Flat	Lesser	3	76	
115-32-10280	S Kicking Horse Rvr	Lesser	1	4	Sp,COsr
115-32-10250-2023	Takhin River	Moderate	10	994	COp,CHp,DVp,CTp
115-32-10250-2067	Tsirku-Big Salmon R	Moderate	1	4500	Sp,COp,CHp,DVp,Wp,CTp
115-32-10250-2067-3001	Chilkat Lake W Side	Moderate	1	1200	
115-32-10250-2077	Klehini River	Moderate	31	10093	Kp,COp,CHp,DVp,CTp
115-32-10250-2077-3017	Mink Creek	Lesser	3	425	COsr,CHsr
115-32-10250-2077-3061	Herman Creek	Moderate	24	1308	COp,CHp
115-32-10250-2077-3111	Porcupine Creek	Moderate	9	691	Kp,COp
115-32-10250-2077-3113	Bear Creek Porcupine	Moderate	16	844	Kp,COp
115-32-10250-2077-3151	Glacier Creek	Moderate	1	2000	COp,DVp
115-32-10250-2077-3136	37 Mile Creek	Moderate	2	503	COp,CHp,DVp
115-32-10250-2077-3038	Muncaster Creek	Lesser	1	94	CHp
115-32-10250-2077-3066	31 Mile Creek	Moderate	8	1662	Ksr,COsr,CHsr,DVr,CTr
115-32-10250-2077-3052	30 Mile Slu	Moderate	3	536	COsr,CHsr,DVs
115-32-10250-2079	25 Mile Creek	Moderate	1	800	COsr,DVsr
115-32-10250-2123-0010	Mosquito Lake	Moderate	6	1422	
115-32-10250-2137	Mule Meadows	Lesser	1	15	Kr,COr,DVr
115-32-10250-2147	Bear Flats	Lesser	1	20	Ssr,COsr
115-32-10250-2143	Kelsall River	Lesser	2	73	Sp,Kp,COp,Pp,CHp,SHp,DVp
115-32-10250-2060-3001	Horsefarm Creek	Lesser	2	32	COp,Pp
115-32-10250-2060	18 Mile Slu	Moderate	6	3027	COsr,Pp,CHsr
115-32-10250-2044	14 Mile Creek	Lesser	1	10	COsr,DVsr
115-32-10250-2028	10 Mile Creek	Moderate	3	1092	COr,Ps,CHs,SHr,DVr
115-32-10300-2023	Airport Creek-Haines	Lesser	1	2	COr
115-32-10250-2977	NSRAA Spawning Chan.	Moderate	9	582	Sp,CHs

AWC Stream No.	Stream Name	Priority*	Years Surveyed	Avg.	Salmon Species Present in Stream
	Herman Cr. Spawn. Ch	Moderate	12	1623	
115-32-10250-2077-3159	Jarvis Creek	Moderate	1	2000	Kp
115-33-10200	Chilkoot Lake Outlet	High	4	34625	Sp,COp,Pp,CHp,DVp,CTp
115-33-10200-2009	Glory Hole Spring	Lesser	2	3	Ssr,COsr
115-33-10200-2010	Chilkoot River	High	1	50000	COr
115-33-10200-2013	Bear Creek Chilkoot	Lesser	3	5	COs
115-34-10210	mink Creek	Lesser	1	238	COr,SHr,DVr
115-34-10230	Taiya River	Moderate	1	1200	Kp,COp,Pp,CHp,DVp
181-10-10100	Doame River	Moderate	2	4175	Sp,Kp,COp,Pp,CHp,DVp
182-20-10100	East Alsek River	Moderate	20	10080	Sp,Kp,COp,Pp,CHp,DVp
182-30-10100	Alsek River	Moderate	1	2000	Sp,Kp,COp,Pp,CHp,SHp,DVp
182-30-10800-2010	Tanis River	Moderate	1	1200	Sp,Kr,COr
182-70-12000-2020	Miller Creek	Lesser	1	500	COpr,DVp
182-30-10100-2015	Cabin Creek	Lesser	3	200	Ss,Ks,COp,Pp,CHp
182-40-10100	Akwe River	Lesser	1	5	Sp,Kpr,COp,Pp,CHp,SHp,DVp,CTp
182-50-10100-2010-3009	Italio River	Moderate	19	8780	Sp,Ps
182-70-10100	Situk RIVER	High	18	78839	Sp,Kp,COp,Pp,CHp,SHp,DVp,SMp
182-70-10100-2020	Old Situk River	Moderate	4	2717	Sp,COp
182-60-10100-0010	Situk Lake	High	1	35000	
182-70-12000-2013	Antlen River	Lesser	1	105	Ss,Kp,COpr,DVp
182-70-12000	Ahrnklin River	Moderate	1	1000	Sp,Kpr,COpr,Pp,CHp,SHs,DVp
182-80-10100	Lost River	Lesser	1	300	Sp,COs,Pp,SHp,DVp,CTp,SMp
182-80-10100-2005	Tawah Creek	Moderate	8	879	Sp,COs,SHp,DVp,CTp,SMp
183-10-10200	Redfield Cove	Moderate	4	3319	Ps
183-20-10800	Manby Stream	Lesser	1	400	Sp,COp
183-40-10100	Humpback (Humpy) CK	Moderate	26	14227	COp,Pp,SHs,DVp
183-10-10600	Pudget Cove Creek	Moderate	1	3050	Ss,COs
183-10-10030	Knight Island Creek	Moderate	1	800	Pp
186-15-10550-0910-2005	Jetty	Moderate	2	700	
192-41-10100-2005	Stink Creek	Lesser	1	50	COp
192-42-10400-2017	Tsiu River	Moderate	4	688	COp