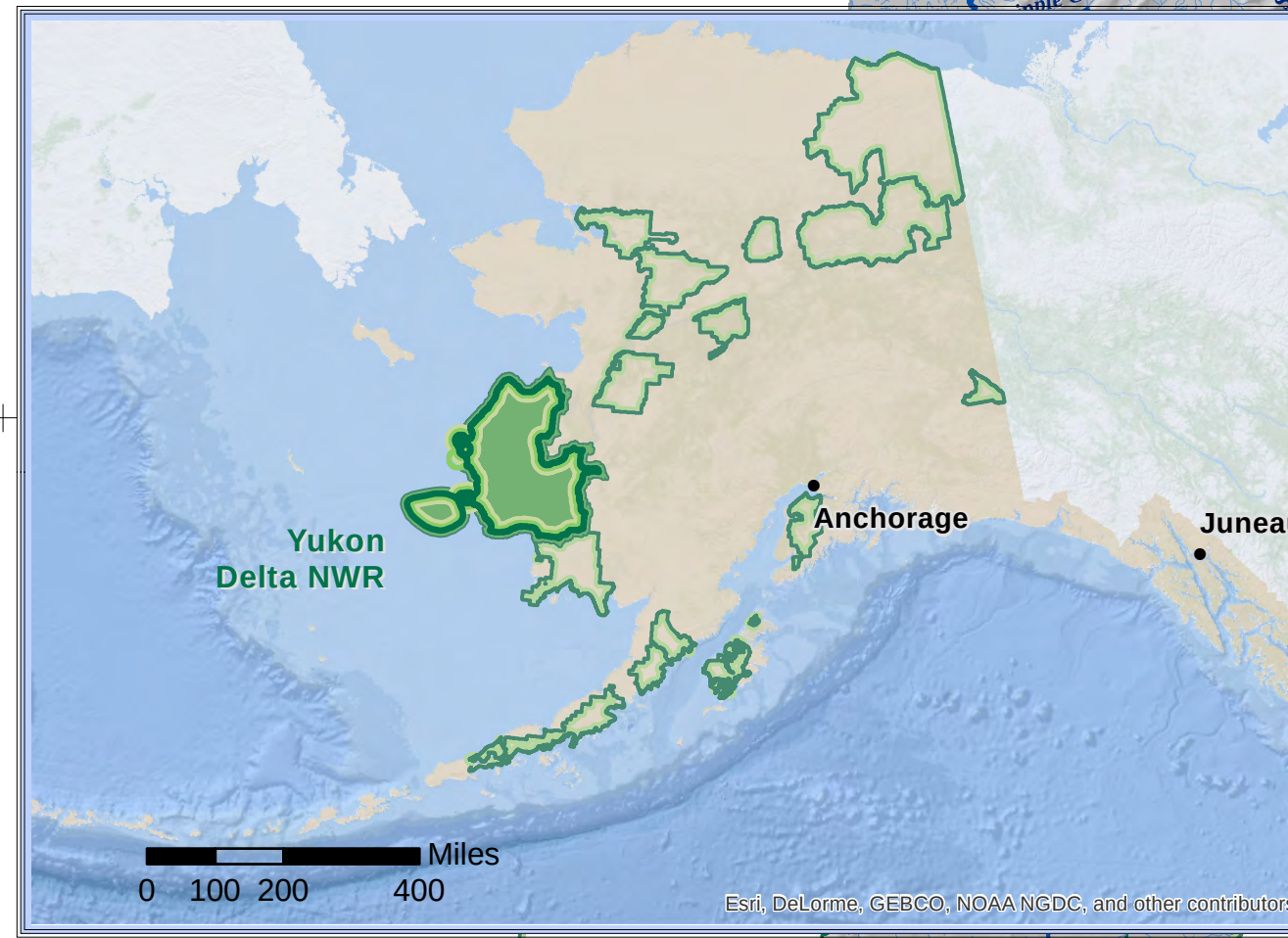
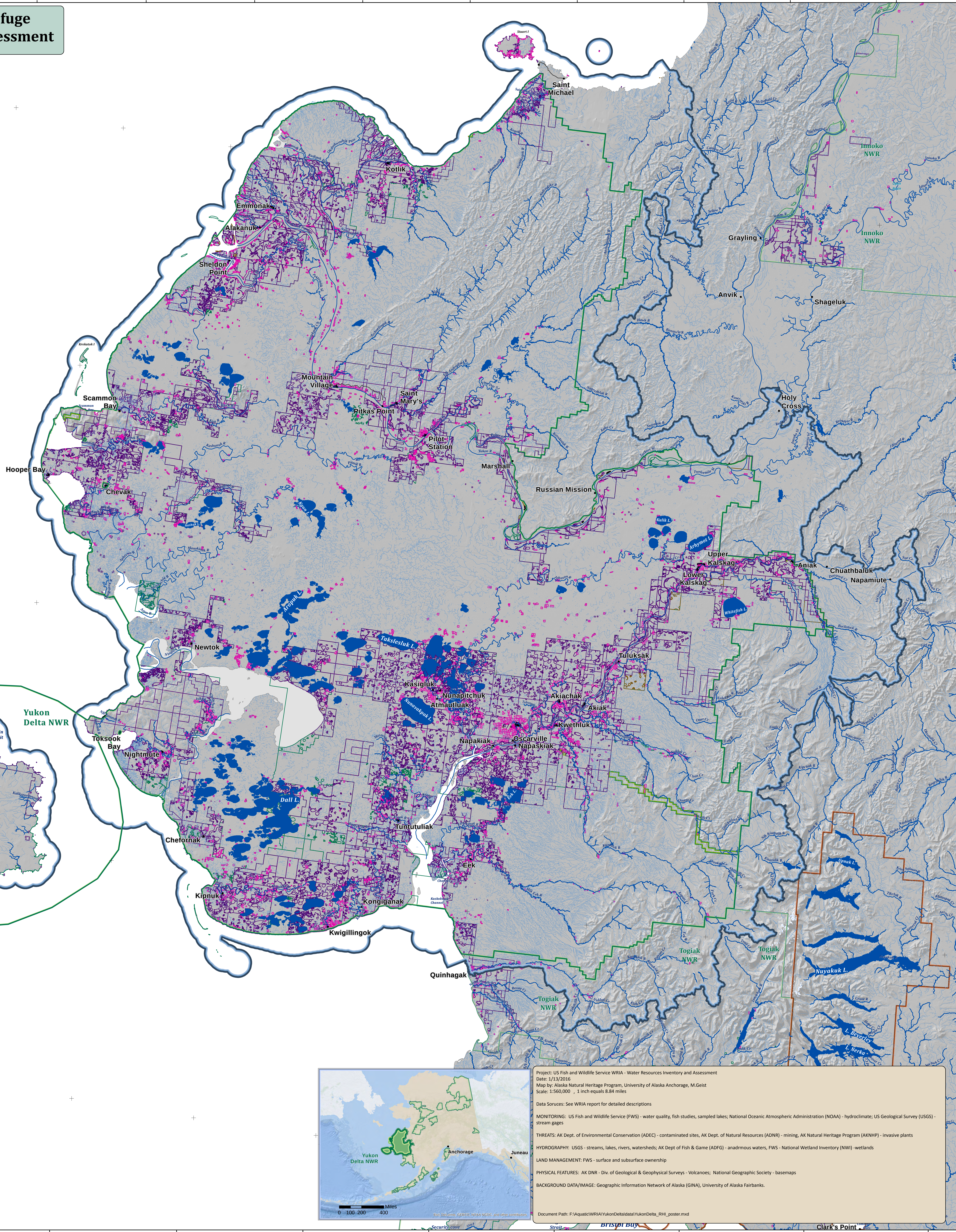


Yukon Delta National Wildlife Refuge Water Resources Inventory and Assessment

Legend

-  Yukon Delta Refuge Boundary
 -  Region of Hydrologic Influence (RHI)
 - USGS Gages**
 -  Hydro Gage, active
 -  Hydro Gage, inactive
 - FWS Hydro Gages**
 -  Hydro Gage, active (2)
 -  Hydro Gage inactive (21)
 -  Fish Studies
 - Climate Sites - MesoWest**
 -  APPRWXNET/CWOP (3)
 -  HADS (2)
 -  NWS/FAA (32)
 -  RAWGS (3)
 -  SCAN (1)
 -  SNOTEL (1)
 - Sampled Lake Type**
 -  Open Basin (1)
 - Water Monitoring - All**
 -  BLM, Water Quality (2)
 -  UAA, Water Quality (3)
 -  USFWS, Water Quality (24)
 -  USGS, Water Quality (408)
 -  UW, Water Quality (48)
 -  YRITWC, Water Quality (15)
 -  USGS, Water Quality (408)
 -  USFWS, Water Quality (24)
 - Active Threats**
 -  Active, Dams (1)
 -  Active, Garbage/Solid Waste (60)
 -  Active, Industrial Effluent (145)
 -  Active, Mining (35)
 -  Active, Temp. Water Use Permit (66)
 -  Active, Urban Sewage (165)
 -  Active, Invasive species (337)
 - Closed Threats**
 -  Closed, Garbage/Solid Waste (39)
 -  Closed, Industrial Effluent (120)
 -  Closed, Oil and Gas Development (5)
 -  Closed, Urban Sewage (26)
 - Proposed / Unknown - Threats**
 -  Proposed/Potential, Dams (177)
 -  Proposed/Potential, Garbage/Solid Waste (1)
 -  Proposed/Potential, Industrial Effluent (79)
 -  Proposed/Potential, Mining (125)
 -  Proposed/Potential, Temp. Wtr. Use (46)
 -  Proposed/Potential, Urban Sewage (52)
 - Threats - linear**
 -  RS2477 Trail
 - Threats - polygons**
 -  Active, Mining Exploration (827)
 - Water Rights - Withdrawals**
 -  Subsurface - Groundwater (157)
 -  Surface Water (52)
 - Instream Flow Reservation**
 -  Certificate Issued (37)
 -  Application Received (73)
 - Lakes - large >10 sq kms**
 -  Class 2 (>10 sq kms) (107)
 -  Class 1 (<10 sq kms) (310,441)
 -  Anadromous Waters Catalog
 -  Streams
 -  Watersheds - HUC10
 - Invasive Species Density - #/25 sq. miles**
 -  1 - 15 (32)
 -  16 - 42 (3)
 -  43 - 108 (2)
 - State Legislatively Designated Areas**
 -  Other Refuge Boundaries
 - Surface Owner - outline**
 -  USFWS
 -  Native Allotment
 -  Village Native Corp.
 -  Regional Native Corp.
 -  State of Alaska
 -  Other Federal
 -  Other Private
 -  Undefined
 - Surface Owner**
 -  USFWS
 -  Native Allotment
 -  Village Native Corp.
 -  Regional Native Corp.
 -  State of Alaska
 -  Other Federal
 -  Other Private
 -  Undefined
 - Subsurface Owner**
 -  USFWS
 -  Native Allotment
 -  Regional Native Corp.
 -  State of Alaska
 -  Other Federal
 -  Other Private
 -  Village Native Corp.
 -  Glaciers



Project: US Fish and Wildlife Service WRIA - Water Resources Inventory and Assessment
Date: 1/13/2016
Map by: Alaska Natural Heritage Program, University of Alaska Anchorage, M.Geist
Scale: 1:560,000 , 1 inch equals 8.84 miles

Data Sources: See WRIA report for detailed descriptions

MONITORING: US Fish and Wildlife Service (FWS) - water quality, fish studies, sampled lakes; National Oceanic Atmospheric Administration (NOAA) - hydroclimate; US Geological Survey (USGS) - stream gages

THREATS: AK Dept. of Environmental Conservation (ADEC) - contaminated sites, AK Dept. of Natural Resources (ADNR) - mining, AK Natural Heritage Program (AKNHP) - invasive plants

HYDROGRAPHY: USGS - streams, lakes, rivers, watersheds; AK Dept of Fish & Game (ADFG) - anadrmous waters, FWS - National Wetland Inventory (NWI) -wetlands

LAND MANAGEMENT: FWS - surface and subsurface ownership

PHYSICAL FEATURES: AK DNR - Div. of Geological & Geophysical Surveys - Volcanoes; National Geographic Society - basemaps

BACKGROUND DATA/IMAGE: Geographic Information Network of Alaska (GINA), University of Alaska Fairbanks.

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