

Elodea Web Map Apps Demo

- [Comparison of Elodea Data Sets – 4 synched maps](#)
- [Swipe Widget for Comparing Elodea Climate Suitability Maps](#)

Qu: Can we use REA data to identify sites suitable for Elodea sampling in CYR?

These two web map apps provide a demonstration of the REA data that may help answer the question. Further analysis at the broad and local scales would be necessary to identify individual sites.



Details

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 Basemap Analysis ▾ Share ▾ Directions Measure Bookmarks

Find address c



Legend

CYR_IV_InvasiveSpecies

Reference Layers

CYR Analysis Boundary



CYR BLM Field Offices



FO boundary

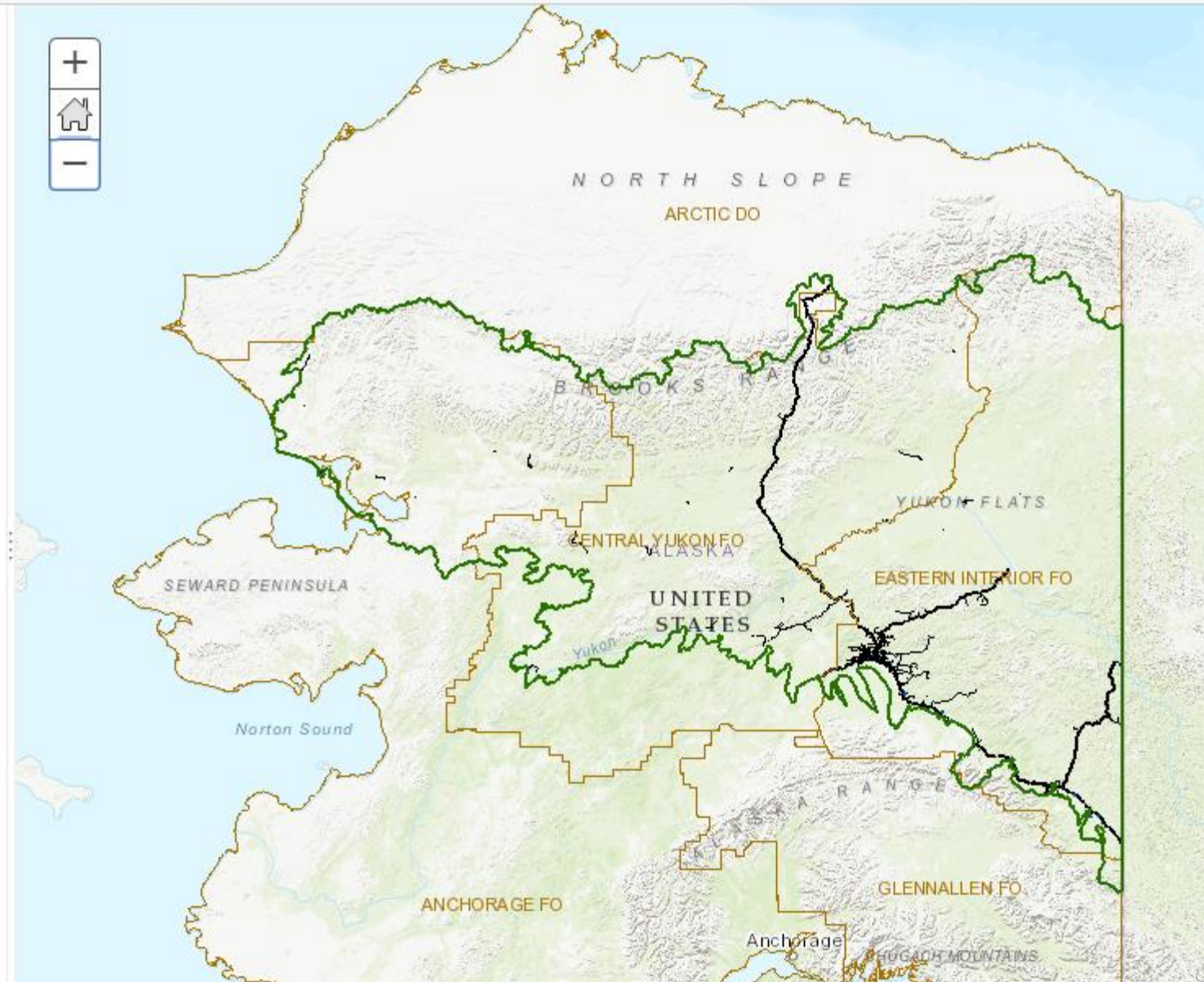
Road Accessible Lakes - Figure D-8

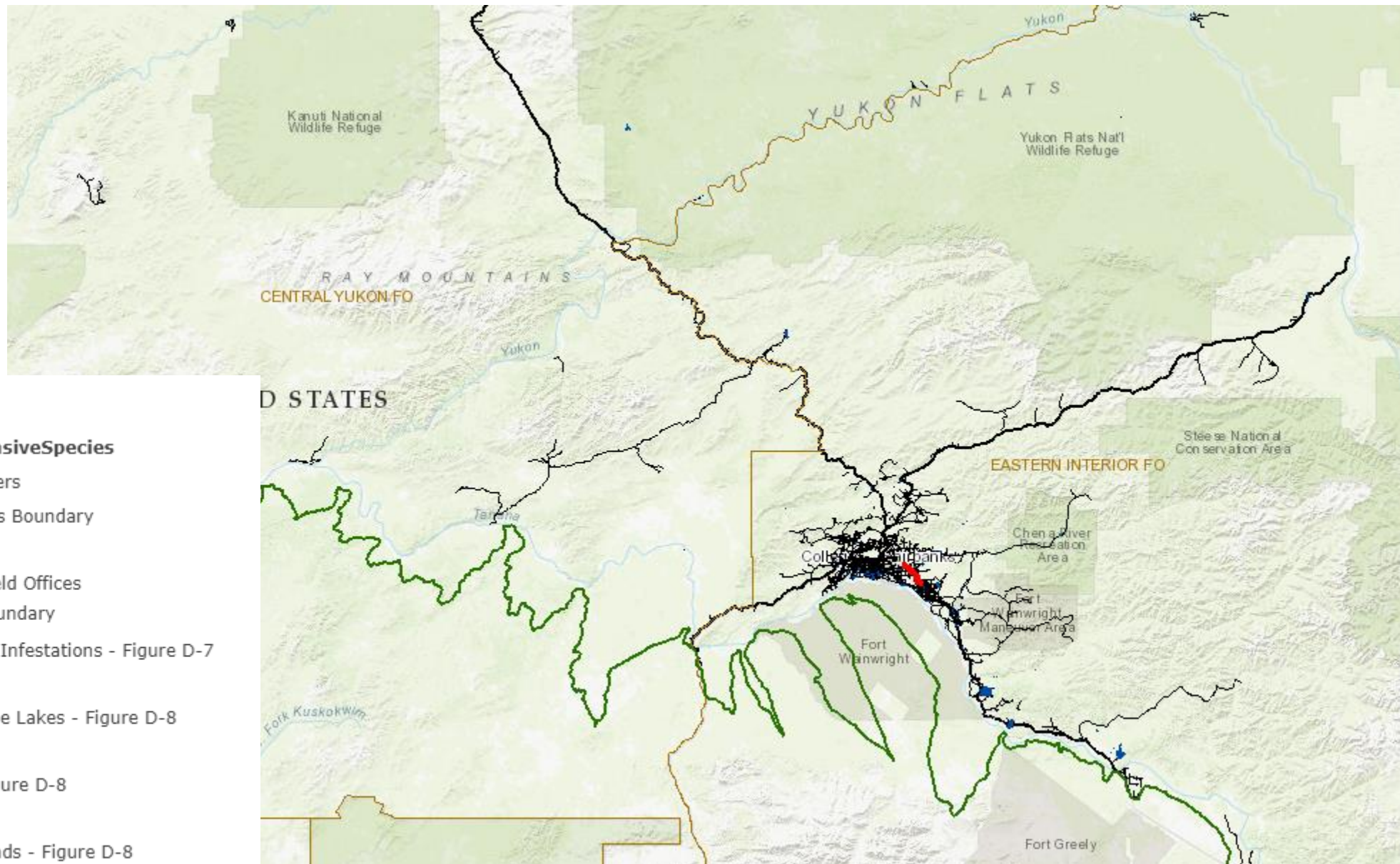


Highways - Figure D-8



Secondary Roads - Figure D-8





Legend

CYR_IV_InvasiveSpecies

Reference Layers

CYR Analysis Boundary



CYR BLM Field Offices



FO boundary

Known Elodea Infestations - Figure D-7



Road Accessible Lakes - Figure D-8



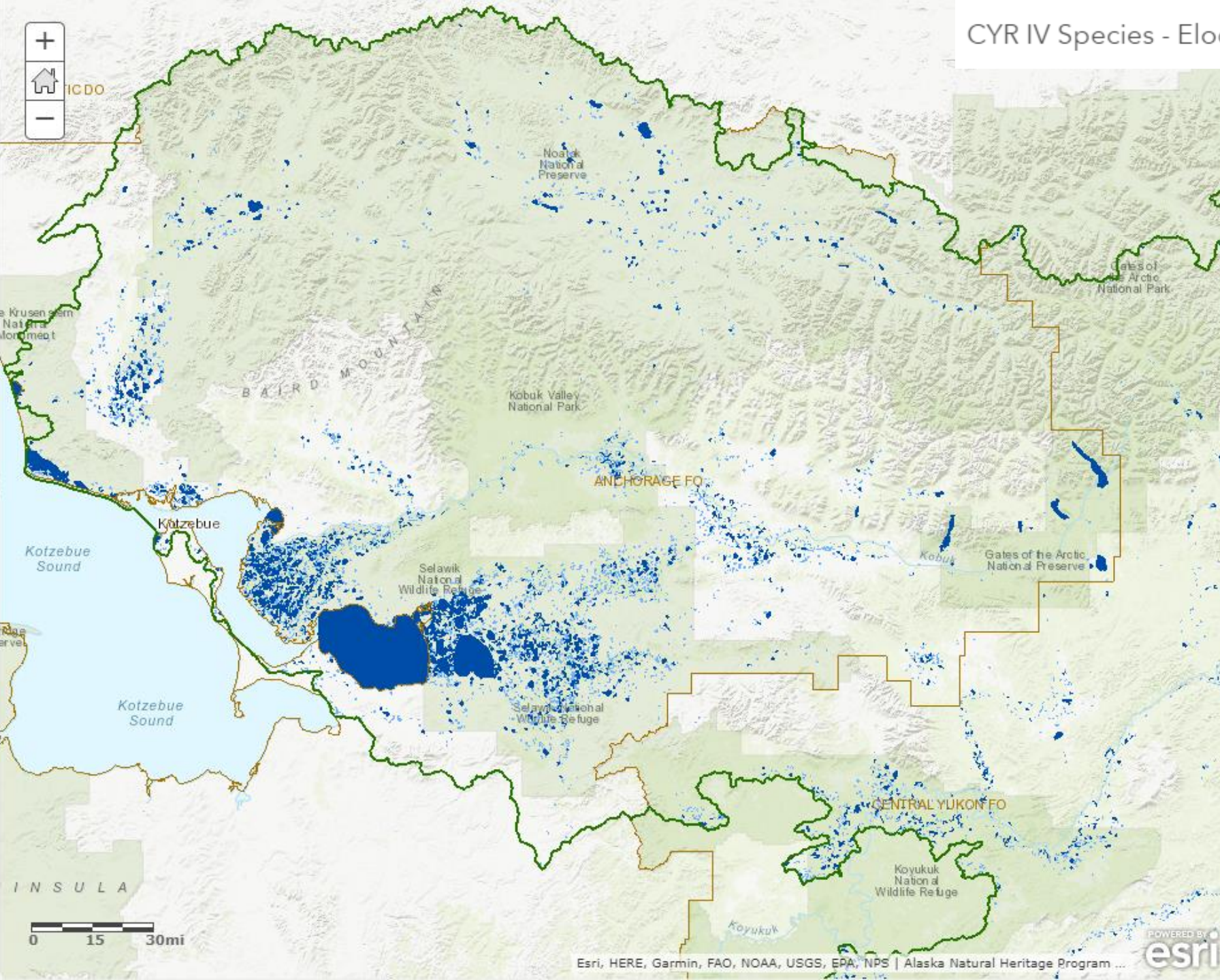
Highways - Figure D-8



Secondary Roads - Figure D-8



CYR IV Species - Elodea - lakes accessible by floatplanes



Legend

CYR_IV_InvasiveSpecies

Reference Layers

CYR Analysis Boundary



CYR BLM Field Offices



Highways - Figure D-8



Floatplane Accessible Lakes (Scale Dependent) - Figure D-9

Lakes likely accessible to floatplanes

Lakes possibly accessible to floatplanes

Floatplane Accessible Lakes with High Historic (1987-2006) Climate Suitability for Elodea (Scale Dependent) - Figure D-10

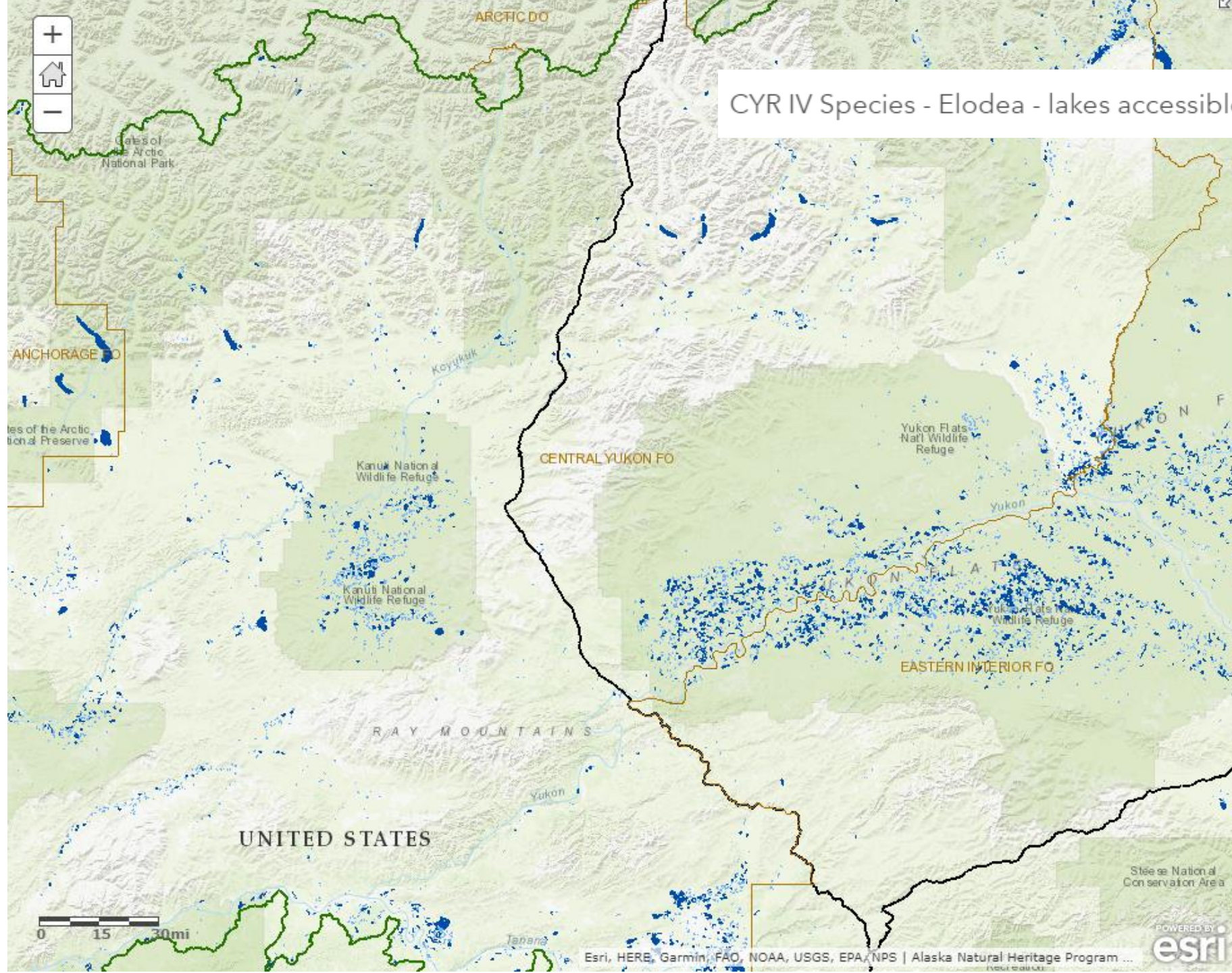
Likely Accessible Lakes

Possibly Accessible Lakes

Floatplane Accessible Lakes with High Future (2040-2059) Climate Suitability for Elodea (Scale Dependent) - Figure D-10

Likely Accessible Lakes

Possibly Accessible Lakes



CYR IV Species - Elodea - lakes accessible by floatplanes

CYR IV Species - Elodea - lakes accessible by floatplanes

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Floatplane Accessible Lakes (Scale Dependent) - Figure D-9

■ Lakes likely accessible to floatplanes

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Floatplane Accessible Lakes with High Historic (1987-2006) Climate Suitability for Elodea (Scale Dependent) - Figure D-10

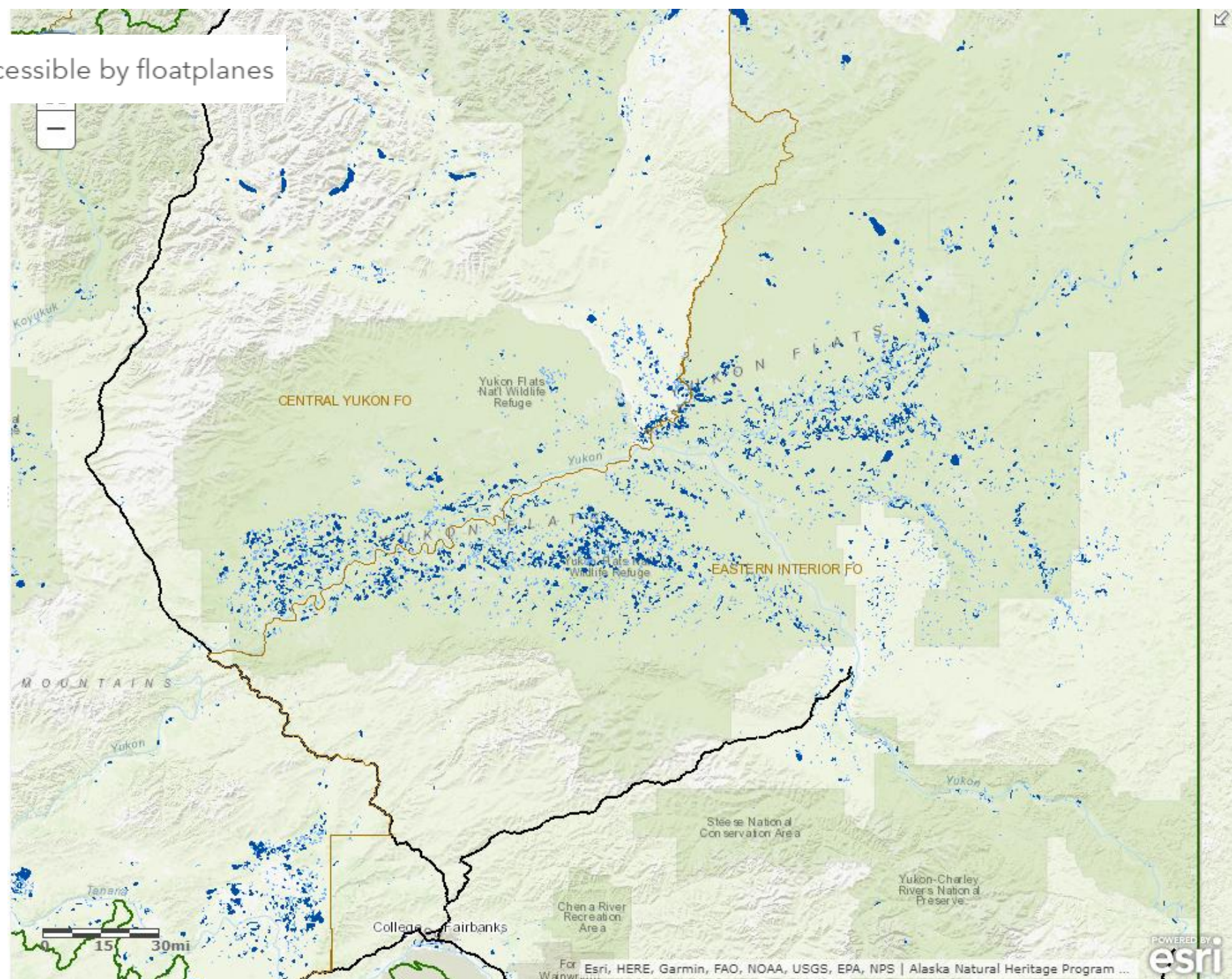
■ Likely Accessible Lakes

■ Possibly Accessible Lakes

Floatplane Accessible Lakes with High Future (2040-2059) Climate Suitability for Elodea (Scale Dependent) - Figure D-10

■ Likely Accessible Lakes

■ Possibly Accessible Lakes



CYR IV Species - Elodea - river accessibility



Legend

CYR_IV_InvasiveSpecies

Reference Layers

CYR Analysis Boundary



CYR BLM Field Offices



FO boundary

Current (2015) River Susceptibility to Elodea Infestation - Figure D-7

Low

Medium

Medium - High

High

Known Elodea Infestations - Figure D-7



Boat Launches - Figure D-7



Road Accessible Lakes - Figure D-8



Highways - Figure D-8



Secondary Roads - Figure D-8



CYR IV Species - Elodea - river accessibility



Legend

CYR_IV_InvasiveSpecies

Reference Layers

CYR Analysis Boundary



CYR BLM Field Offices



FO boundary

Current (2015) River Susceptibility to Elodea Infestation - Figure D-7

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Boat Launches - Figure D-7



Road Accessible Lakes - Figure D-8

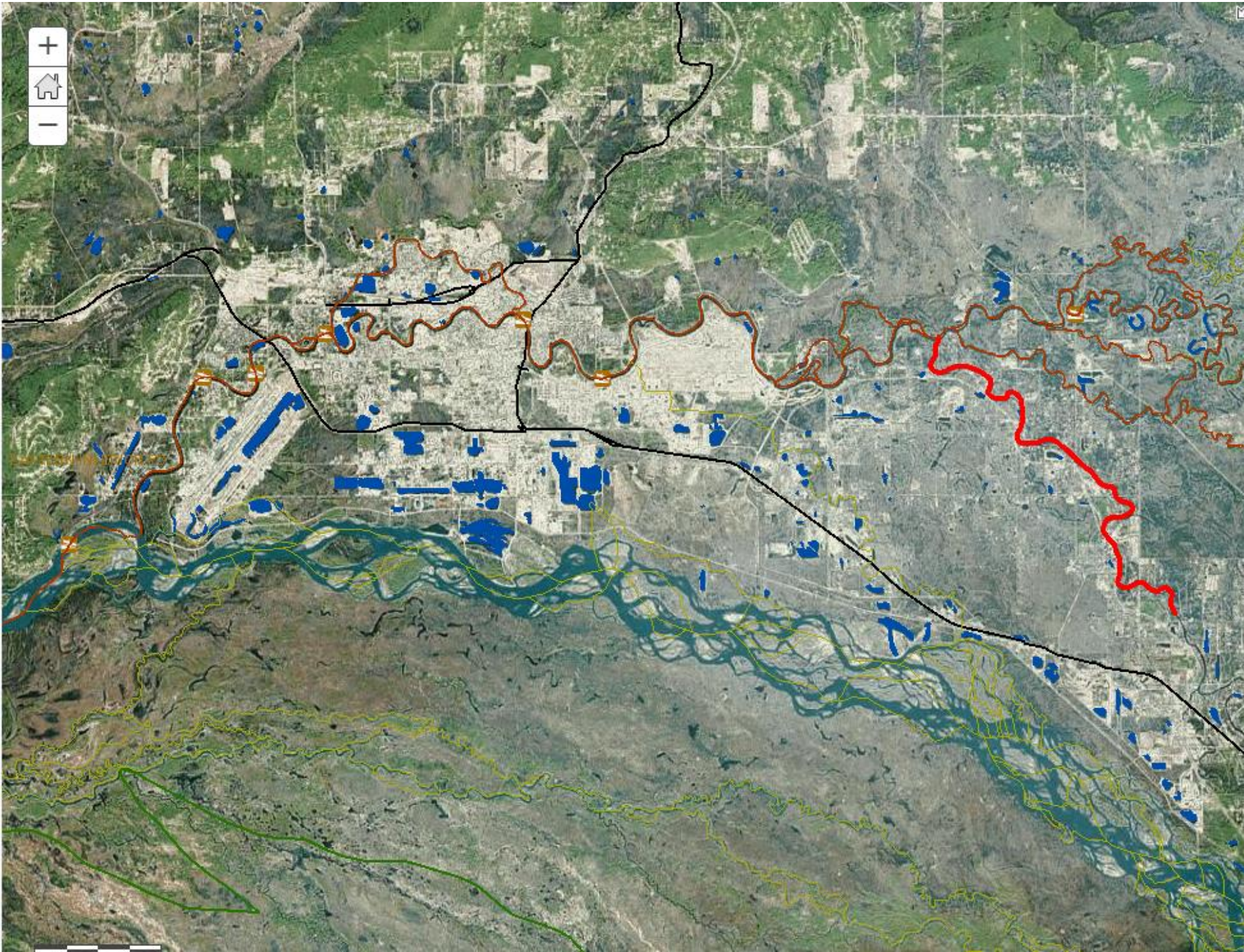


Highways - Figure D-8



Secondary Roads - Figure D-8





Zoom into Fairbanks
and change base map
to imagery

Legend

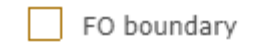
CYR_IV_InvasiveSpecies

Reference Layers

CYR Analysis Boundary



CYR BLM Field Offices



Current (2015) River Susceptibility to
Elodea Infestation - Figure D-7

Low

Medium

Medium - High

High

Known Elodea Infestations - Figure D-7



Boat Launches - Figure D-7



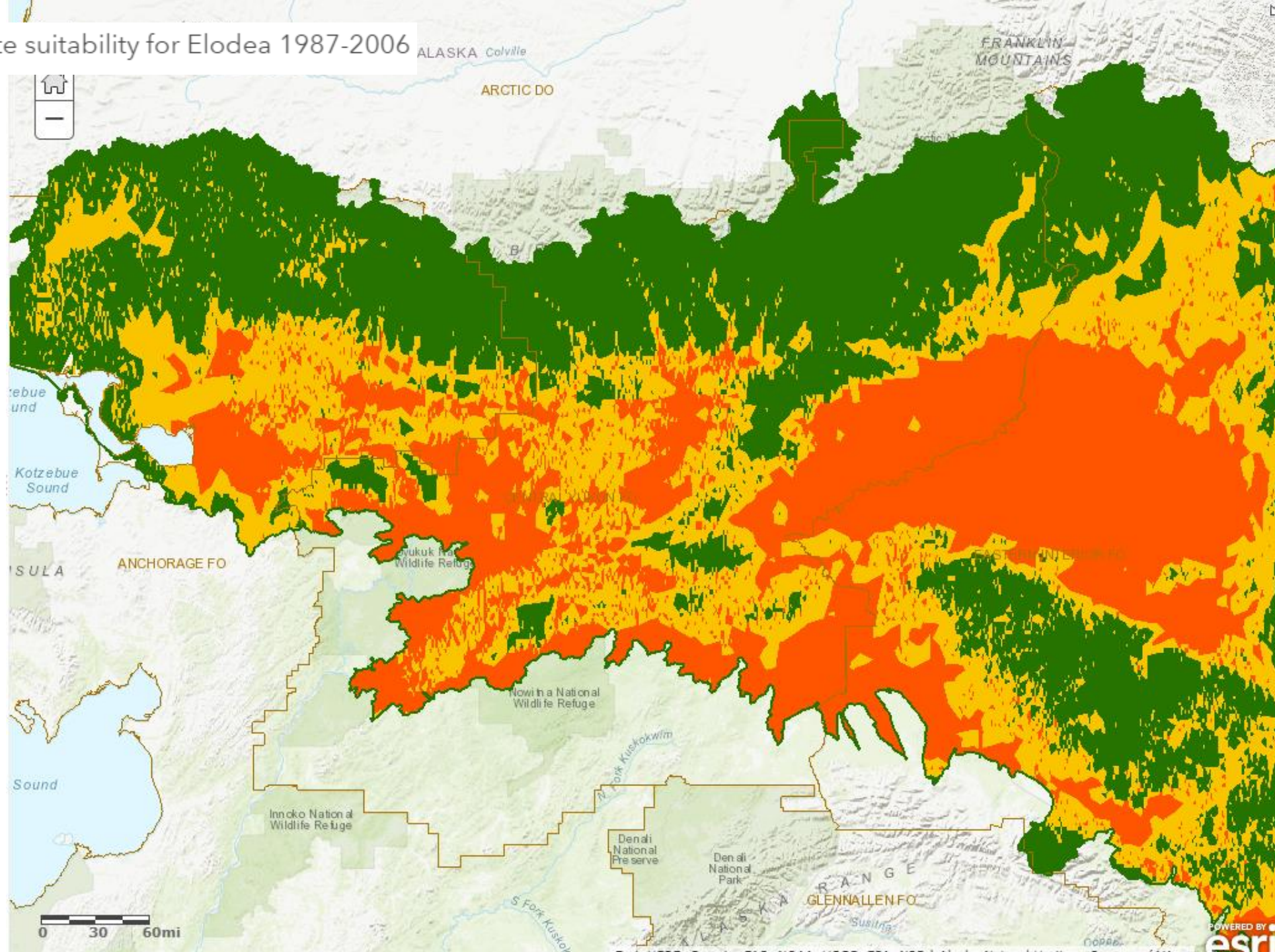
Road Accessible Lakes - Figure D-8



Highways - Figure D-8



CYR IV Species - Climate suitability for Elodea 1987-2006



Legend

CYR_IV_InvasiveSpecies

Reference Layers

CYR Analysis Boundary



CYR BLM Field Offices



FO boundary

Climate Suitability for Elodea Infestation from 1987 to 2006 - Figure D-10



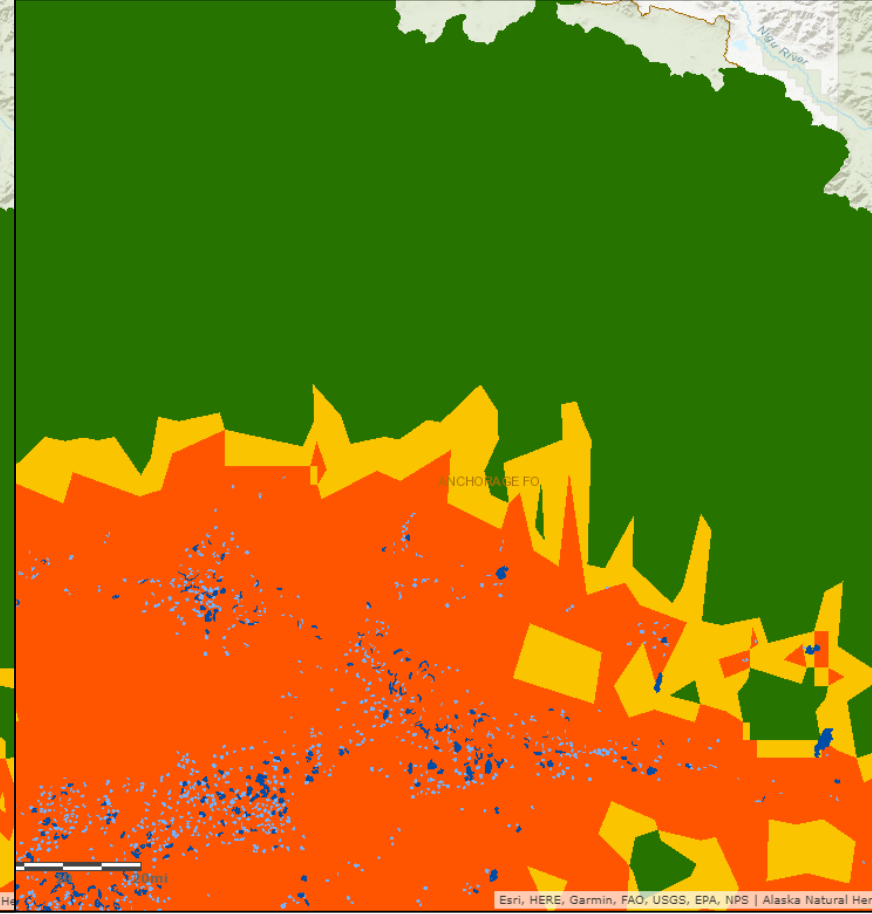
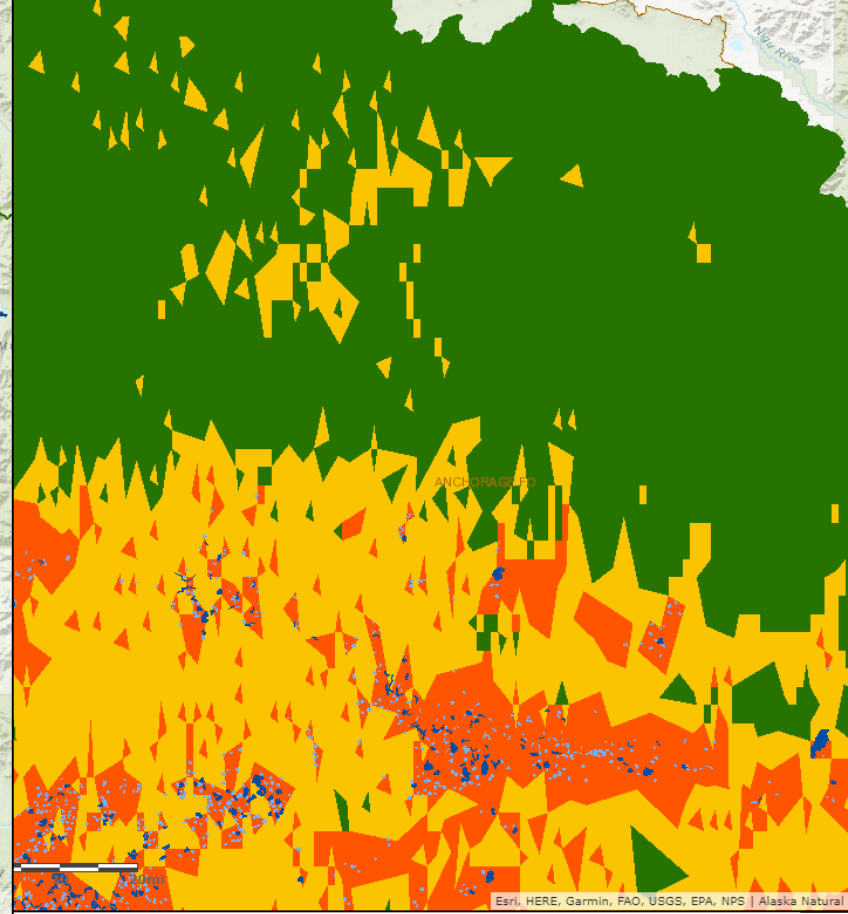
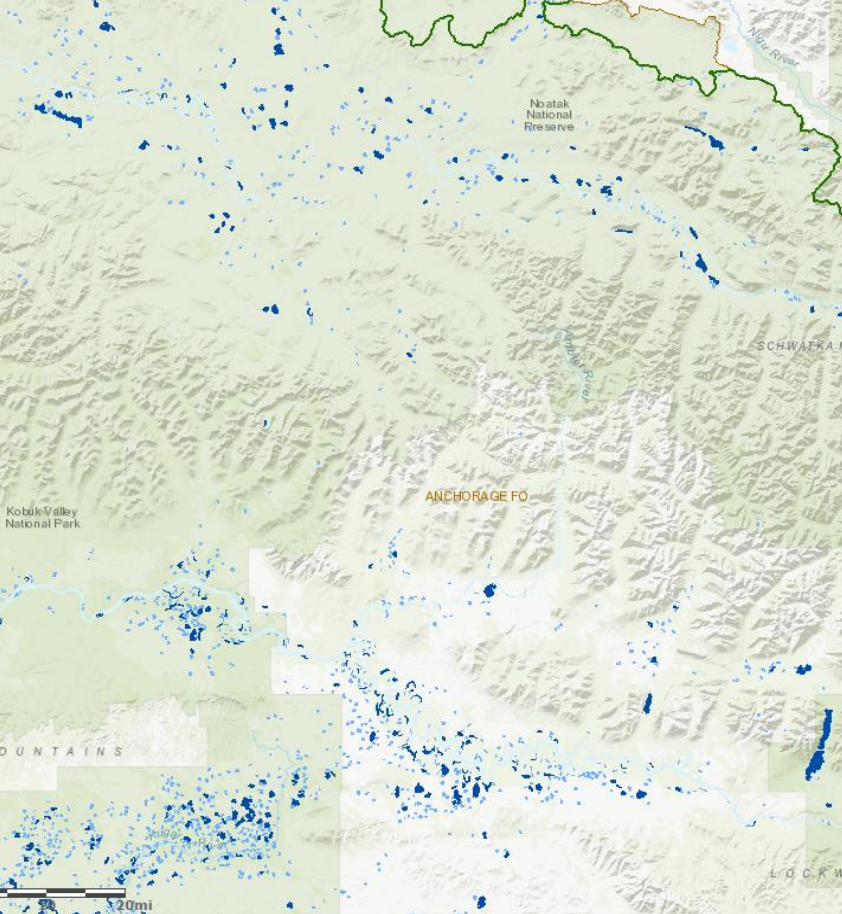
low



moderate



high



Floatplane accessible lakes

Floatplane accessible lakes with High
Historic Climate suitability for Elodea
1987-2006

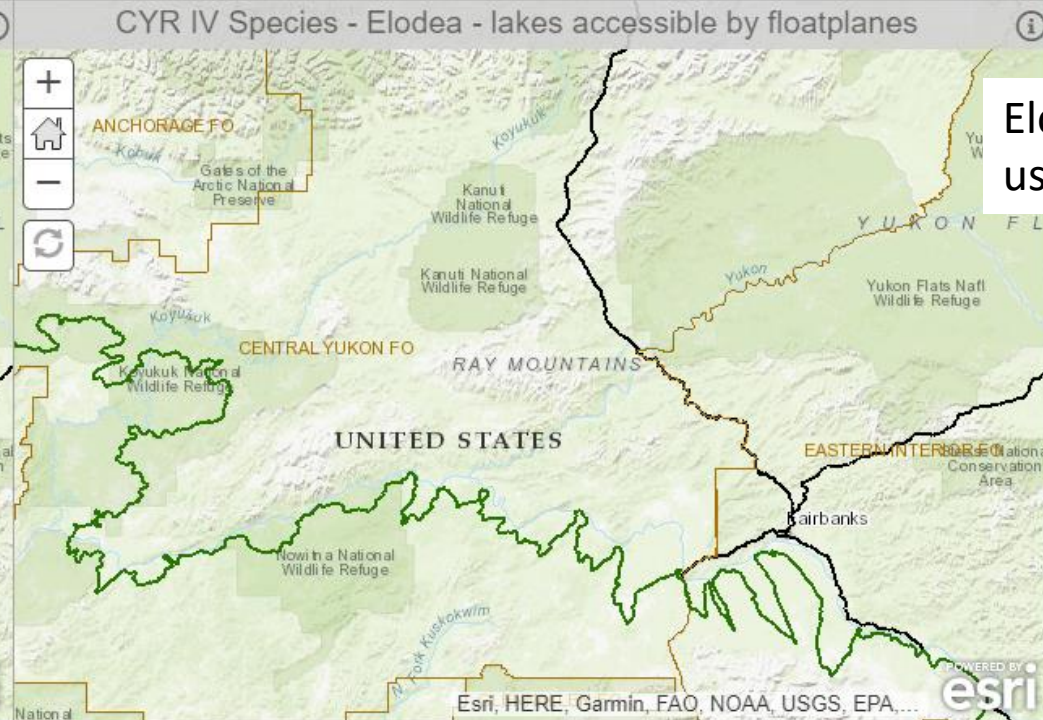
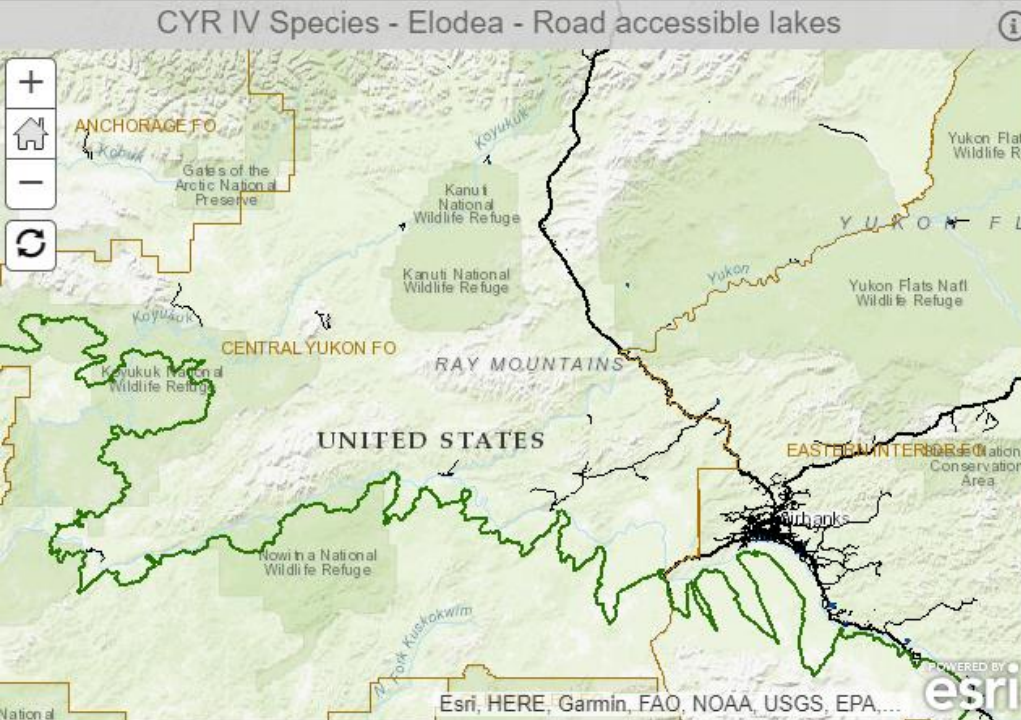
Floatplane accessible lakes with High
Future Climate suitability for Elodea
2040-2059

Floatplane Accessible Lakes (Scale
Dependent) - Figure D-9

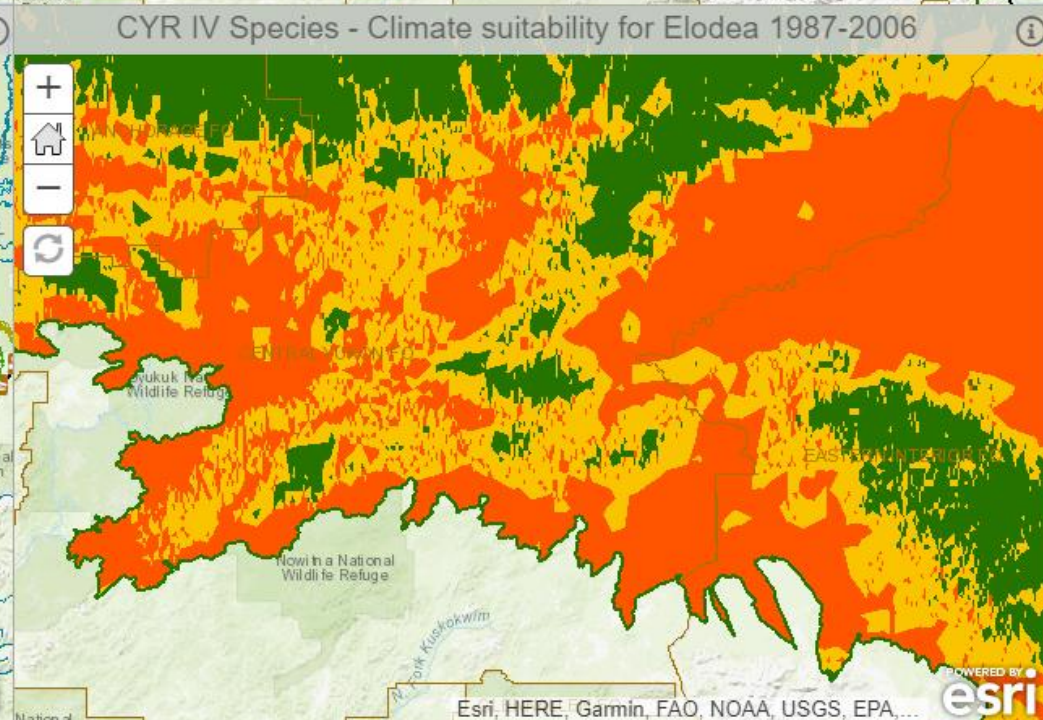
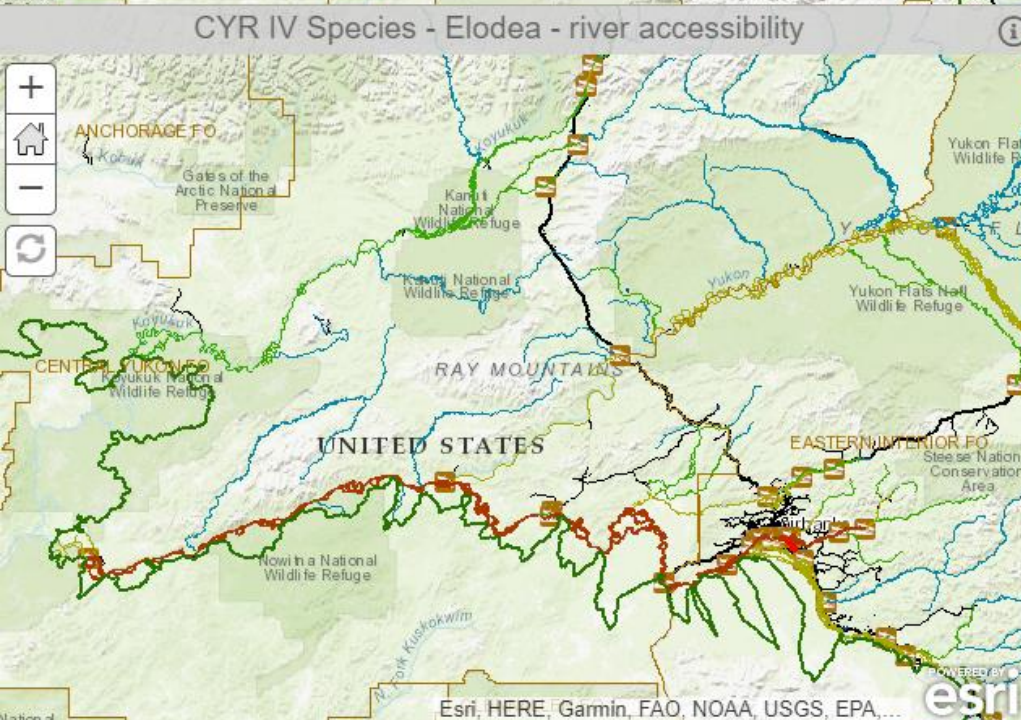
- Lakes likely accessible to floatplanes
- Lakes possibly accessible to floatplanes

Climate Suitability for Elodea Infestation
from 1987 to 2006 - Figure D-10

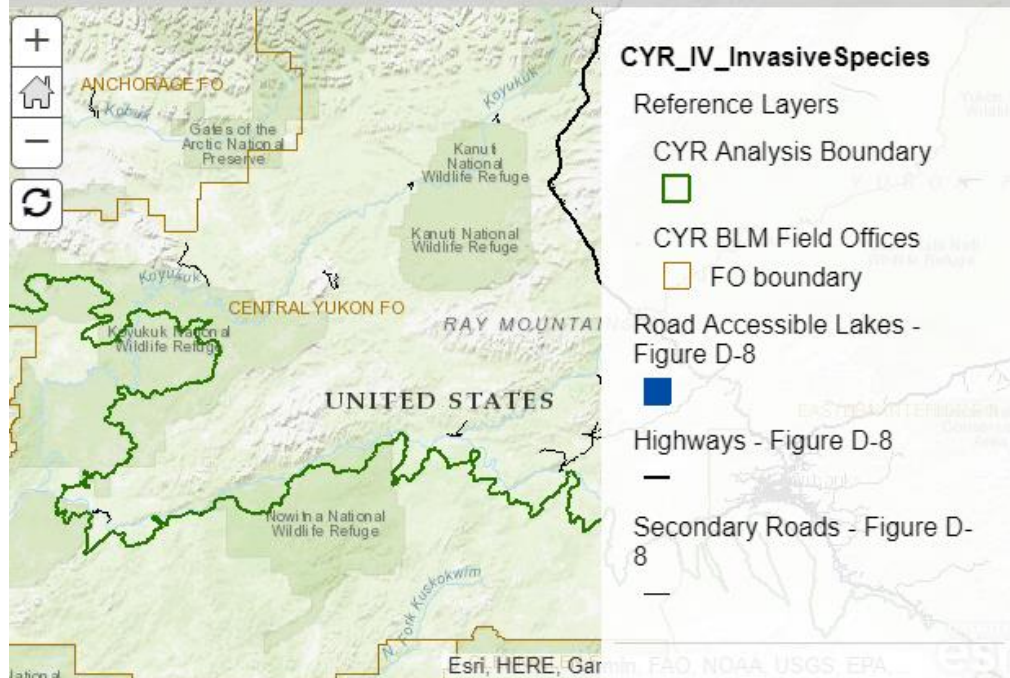
- low
- moderate
- high



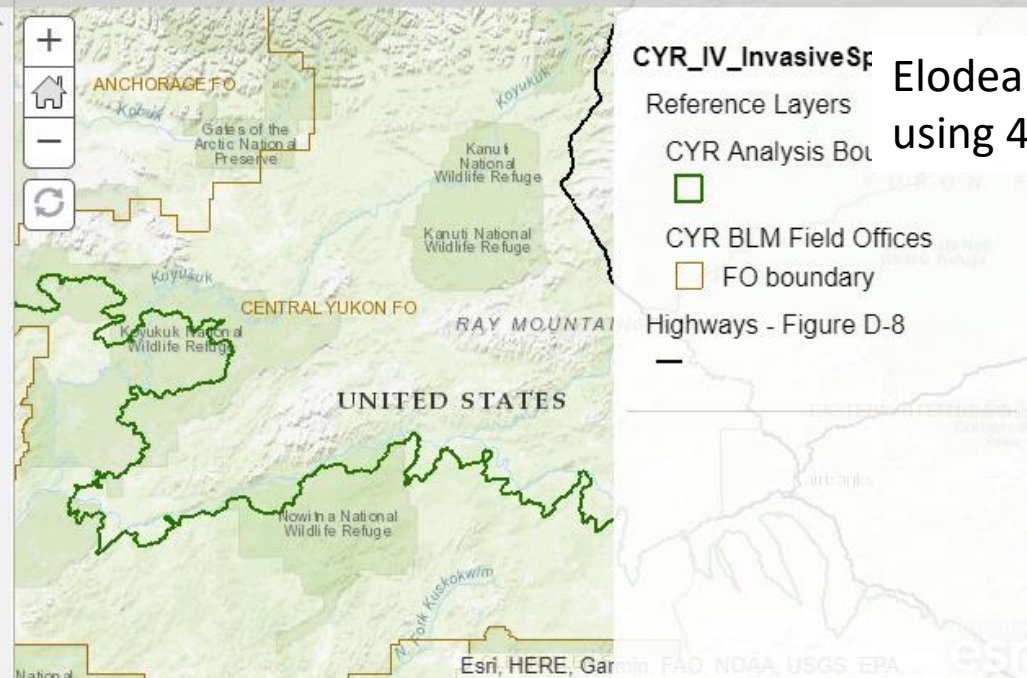
Elodea data comparison
using 4 maps



CYR IV Species - Elodea - Road accessible lakes

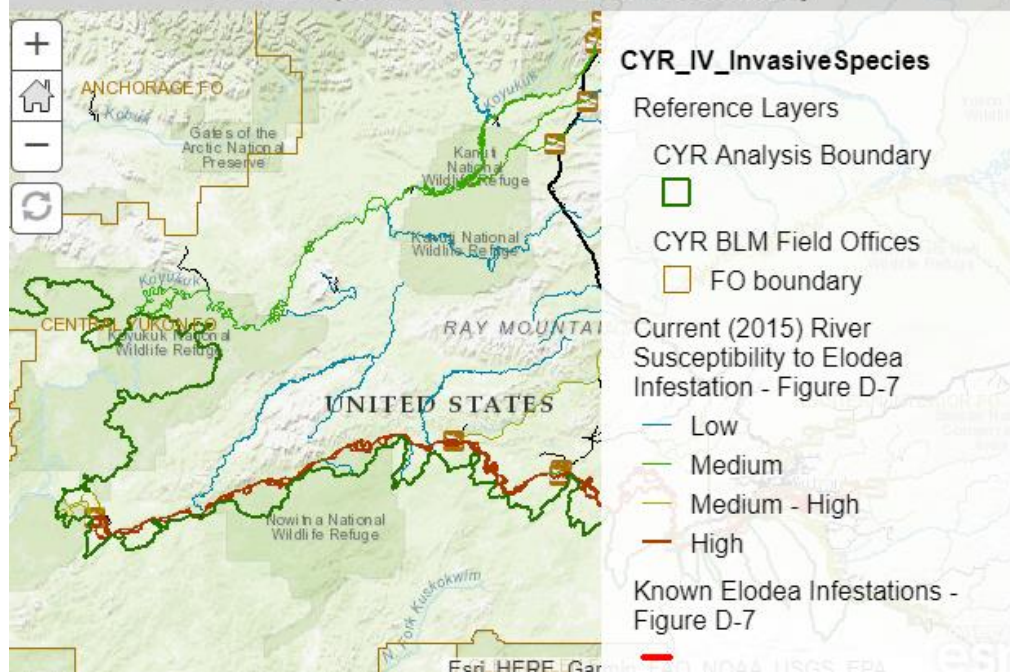


CYR IV Species - Elodea - lakes accessible by floatplanes

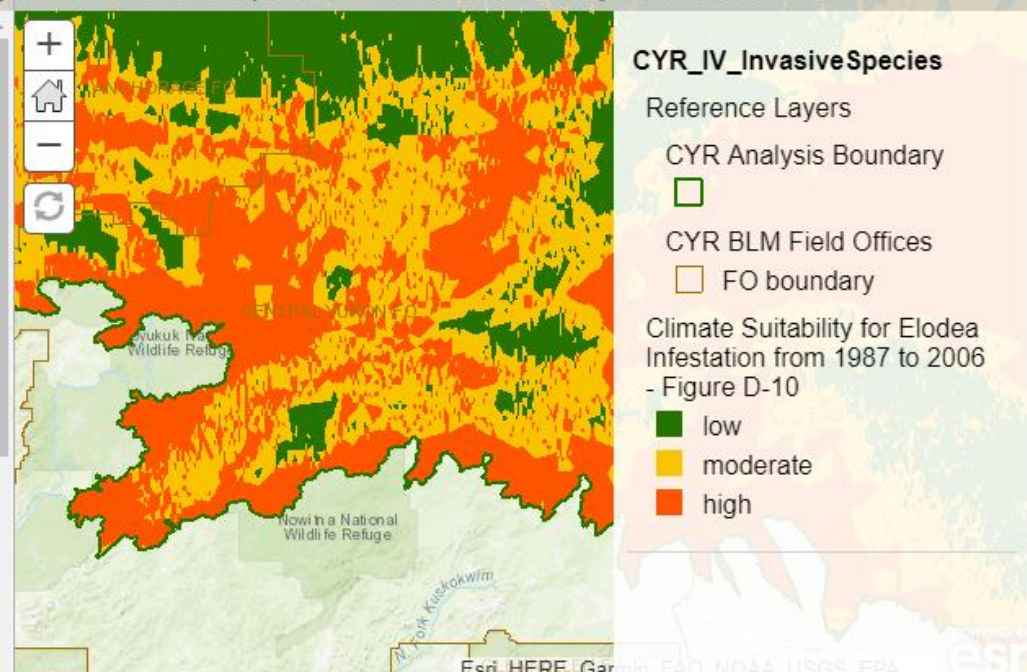


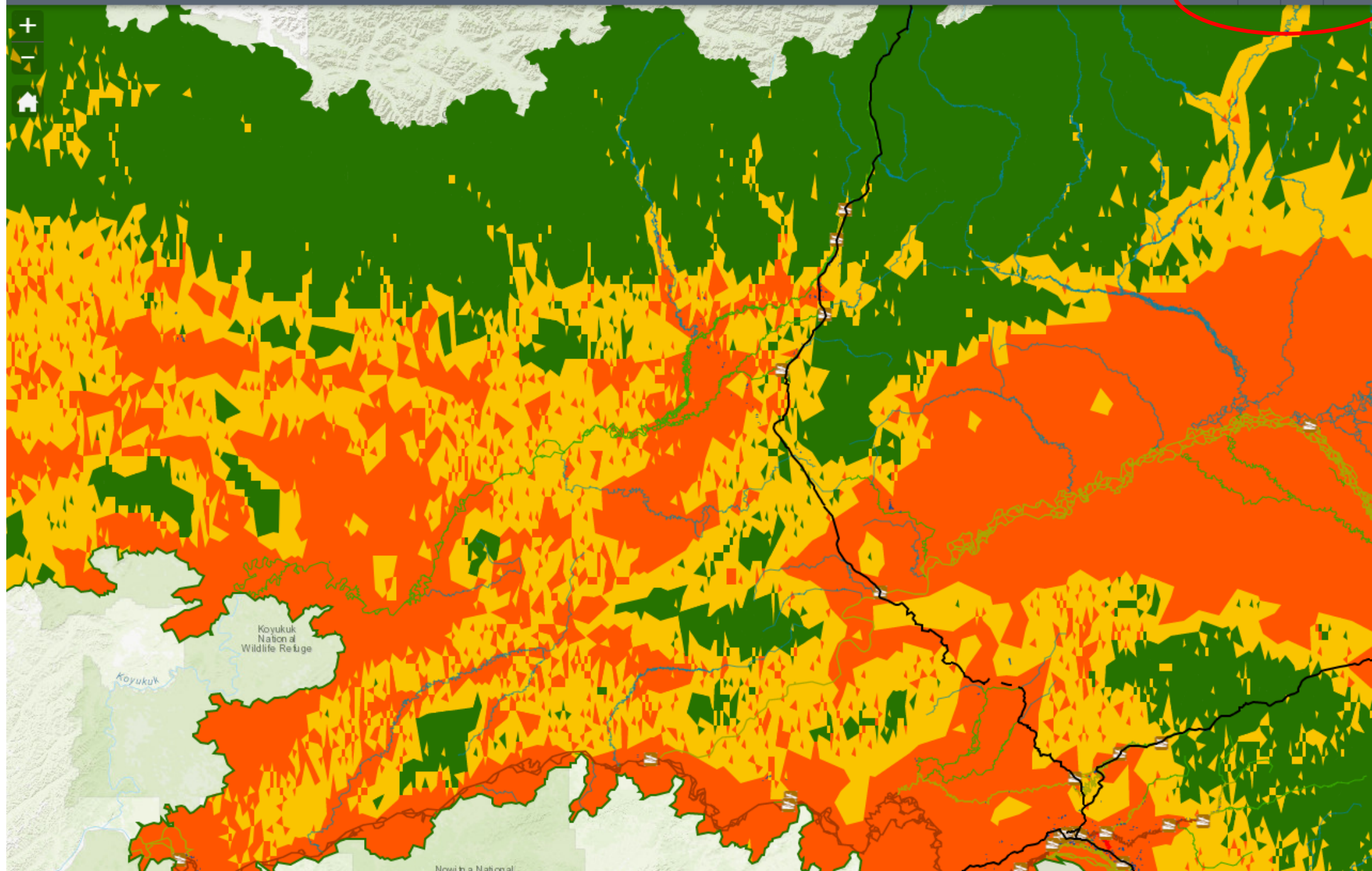
Elodea data comparison using 4 maps

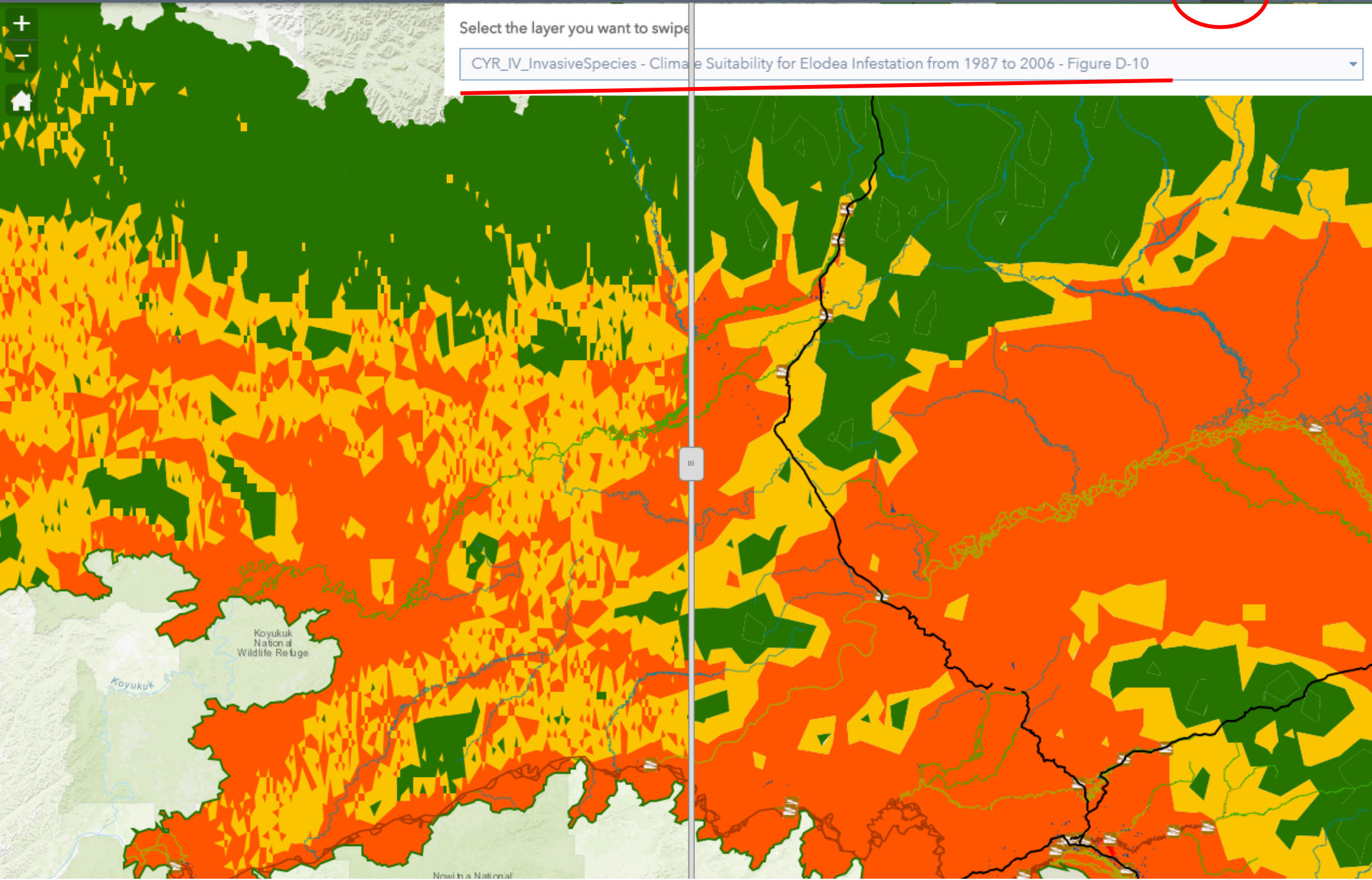
CYR IV Species - Elodea - river accessibility



CYR IV Species - Climate suitability for Elodea 1987-2006

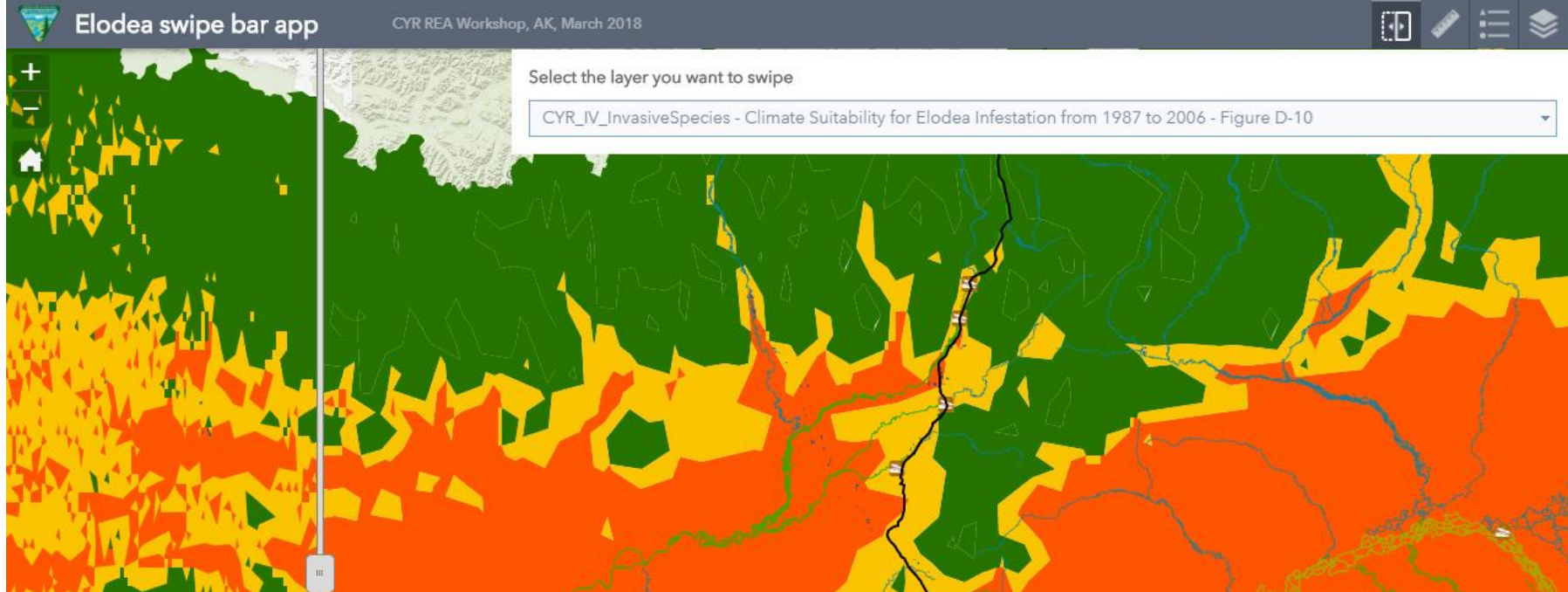




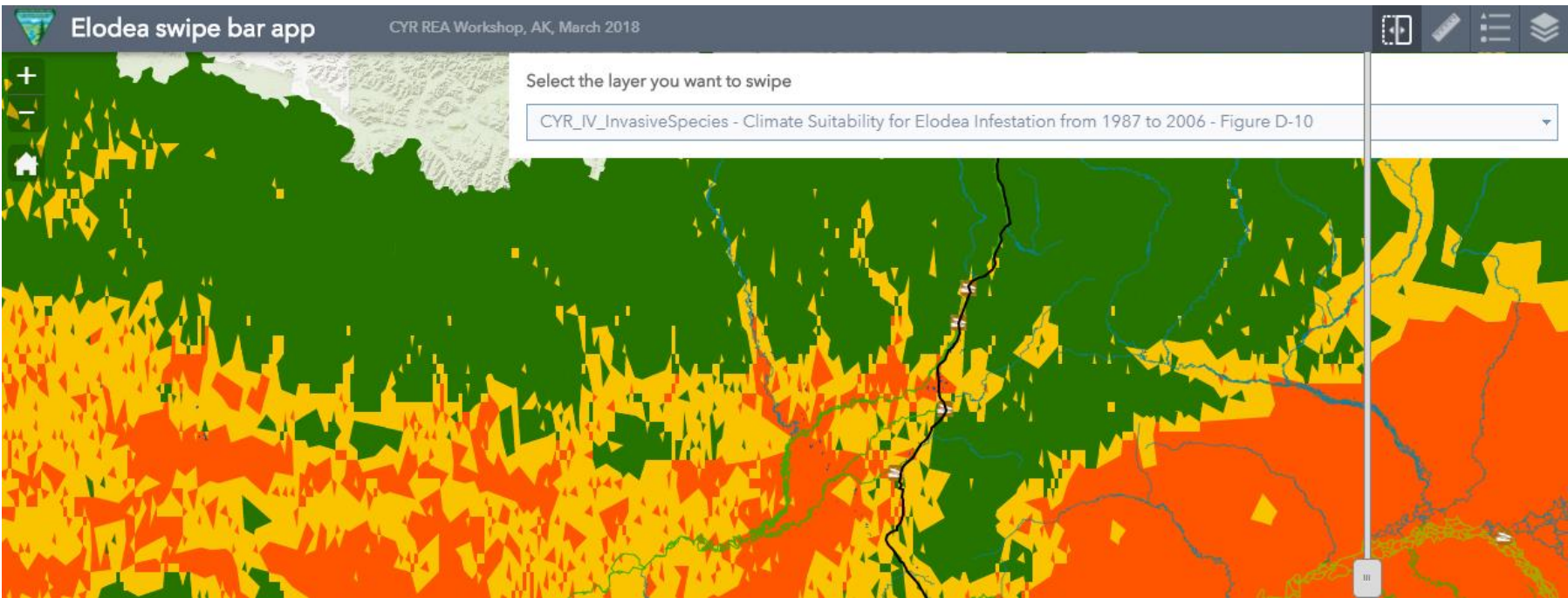


Right of swipe:
climate suitability
for Elodea
Infestation 2040 -
2059

Left of swipe:
climate suitability
for Elodea
Infestation 1987 -
2006



Right of swipe: climate suitability for Elodea Infestation 2040 - 2059



Left of swipe: climate suitability for Elodea Infestation 1987 - 2006



Select the layer you want to swipe

CYR_IV_InvasiveSpecies - Climate Suitability for Elodea Infestation from 1987 to 2006 - Figure D-10

CYR_IV_InvasiveSpecies - Road Accessible Lakes - Figure D-8

CYR_IV_InvasiveSpecies - Known Elodea Infestations - Figure D-7

CYR_IV_InvasiveSpecies - Current (2015) River Susceptibility to Elodea Infestation - Figure D-7

Low
Medium
Medium - High
High

CYR_IV_InvasiveSpecies - Climate Suitability for Elodea Infestation from 1987 to 2006 - Figure D-10

low
moderate
high

CYR_IV_InvasiveSpecies - Climate Suitability for Elodea Infestation from 2040 to 2059 based on RCP4.5 Emission Scenario - Figure D-10

low
moderate
high

Legend

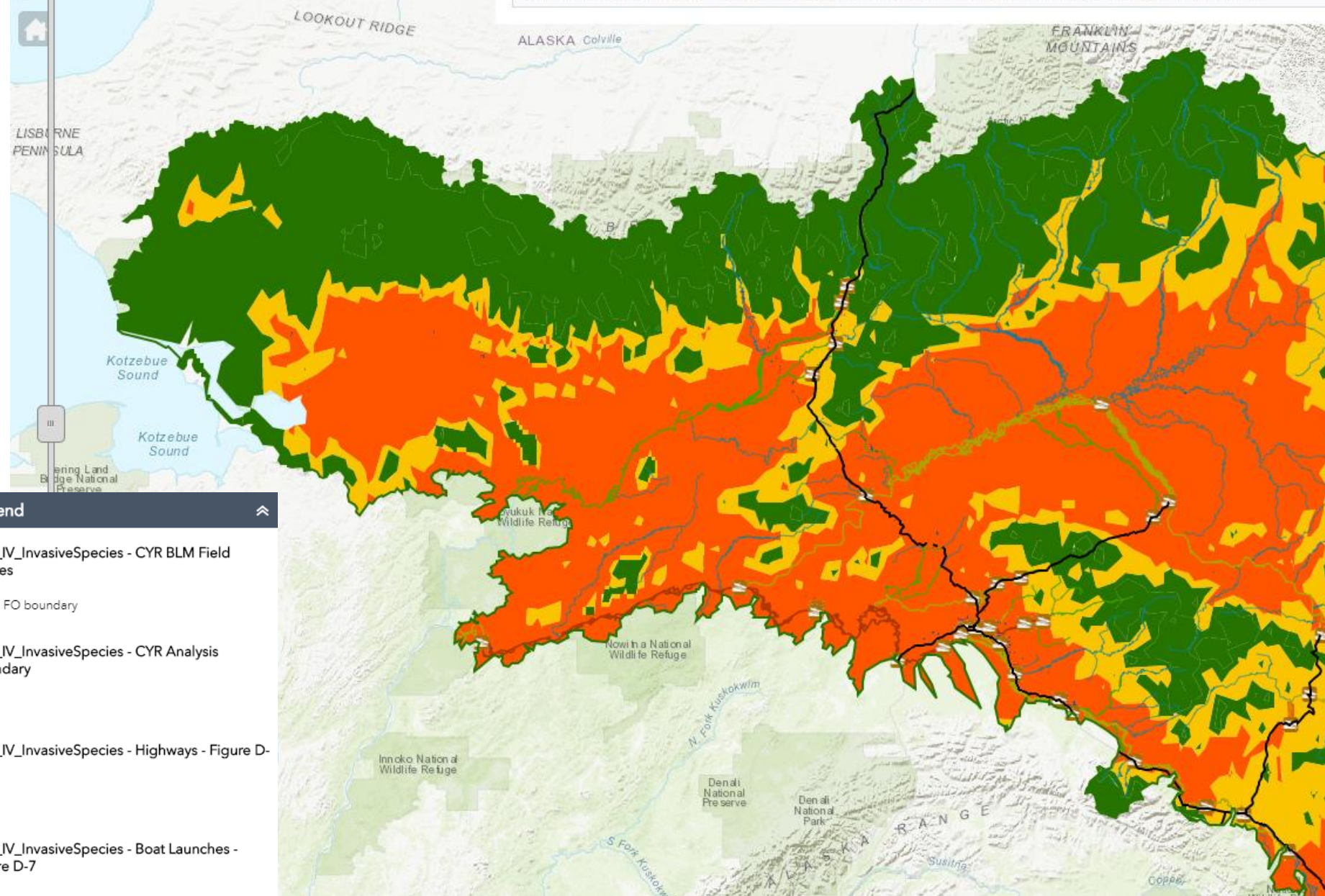
CYR_IV_InvasiveSpecies - CYR BLM Field Offices

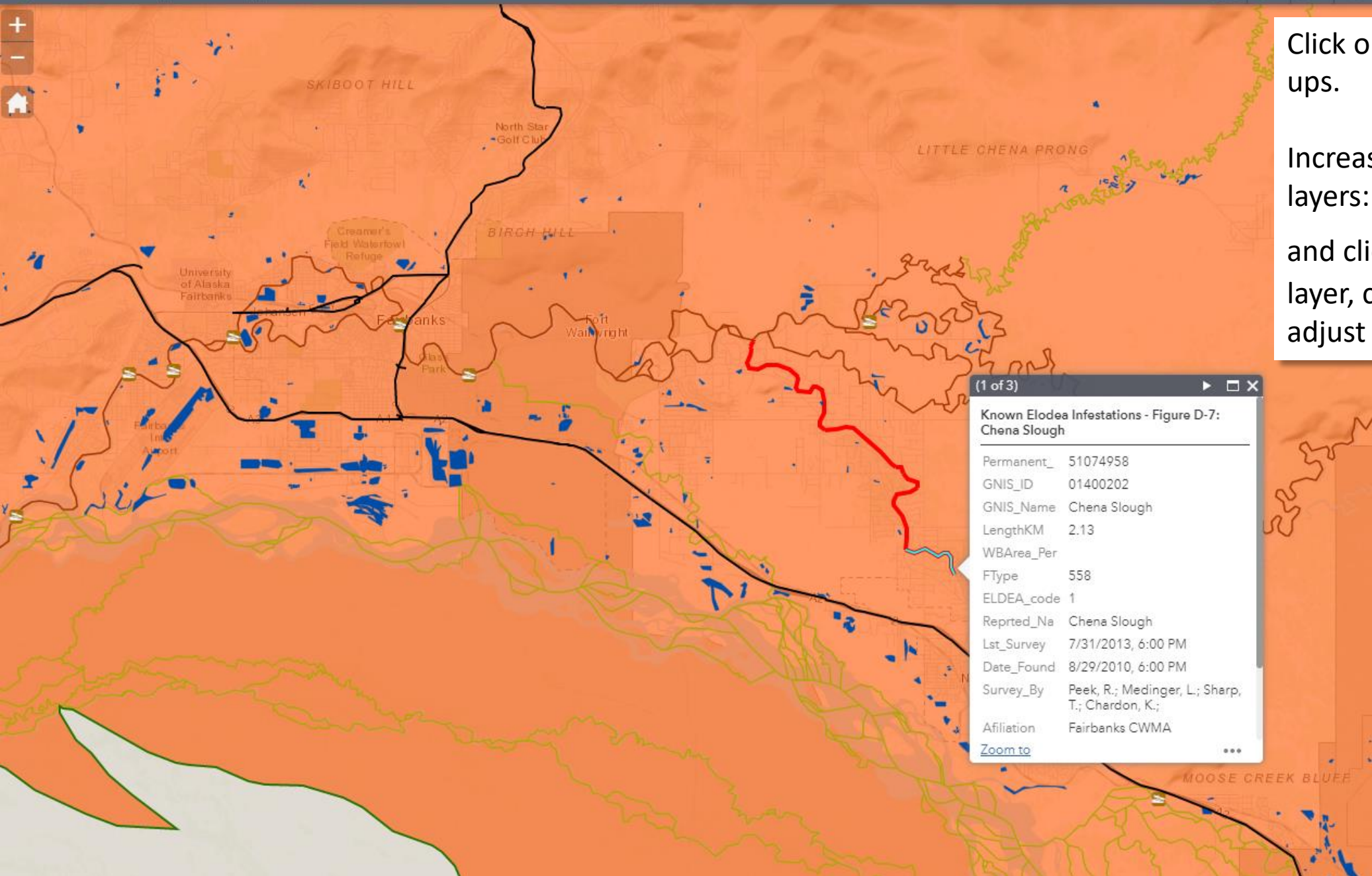
FO boundary

CYR_IV_InvasiveSpecies - CYR Analysis Boundary

CYR_IV_InvasiveSpecies - Highways - Figure D-8

CYR_IV_InvasiveSpecies - Boat Launches - Figure D-7





Click on data to see pop-ups.

Increase transparency of layers: click on the layer list and click the ... after the layer, click Transparency and adjust as needed.

CLEAN ° DRAIN ° DRY

Attempts to remove Elodea from a lake in the United Kingdom



*Thanks to AK DNR
AK Plant Materials Center*