

Alaska Agency Administrator & FMO WFDSS NextGen Training

May 20, 2025



Wildland Fire
Decision Support
System

Provided by:

- Alaska Statewide Fire Planners
- Alaska Geographic Area Editors



Refresher Objectives

Attendees will:

- Know where to look for help and whom to contact for Statewide fire planning assistance
- Understand Agency Administrator and FMO pre-season wildfire preparedness planning roles and responsibilities
- Understand the assessment and notification process for new & extended incidents
- Understand the role of WFDSS and are familiar with the components of a WFDSS Decision
- Be familiar with what to expect when an Incident Management Team is assigned to an incident
- Understand the role of a Geographic Area Decision Support Center

Refresher Handouts

<https://fire.ak.blm.gov/administration/aaguide.php>

An Interagency Incident Support Website

AICC Alaska Interagency Coordination Center

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Incident Information

- [Alaska Fires](#)
- [Interagency Newsroom](#)
- [InclWeb](#)

Predictive Services

- [Intelligence / Reports](#)
- [Maps / Imagery / Geospatial](#)
- [Fire Weather](#)
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- [Air Quality](#)
- [Outlooks](#)

Logistics and Dispatch

- [Aviation](#)
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- [Equipment/Supply](#)
- [Incident Management Teams](#)
- [Overhead](#)
- [Out of State Resources](#)
- [Dispatch Operations](#)
- [D110](#)

Administration

- [Alaska Wildland Fire Response Plan and COVID-19 Library](#)
- [Statewide Master Agreement](#)
- [Agency Administrator's Guide](#)
- [Incident Business Management](#)
- [AWFCG](#)
- [AWFCG Committees](#)
- [MAC Group](#)
- [CISM and Wellness Resources](#)

Agency Administrator's Guide

[Agency Administrator Library NEW](#)

01_2025 RD&A AA WFDSS Refresher - March 11th
[Link to 2025 RD&A WFDSS Refresher Recording and Other Info](#)

02_2025 RIST Hosted WFDSS NextGen Workshop - May 5-6th
[Link to 2025 RIST NextGen Workshop Recordings](#)

03_2025 ALASKA WFDSS NextGen Training - May 20th 1300-1600
[2025 AA-FMO AK WFDSS NextGen Training Agenda_FINAL](#)

- Training Handouts

- + [Inbriefing-Delegation-Intent](#)
- + [Master Agreement-Statewide OP-AIWFMP](#)
- + [Notifications](#)
- + [Objectives](#)
- + [Risk](#)
- + [WFDSS](#)

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AICC - Alaska Fire Service
P.O. Box 35005
Ft. Wainwright, AK 99703
907.356.5600
907.356.5678 fax



Get Local Weather



Where to Find Help

- Alaska Geographic Area Editors (GAE), State Fire Planners
- WFDSS Web Page
 - <https://wfdss.firenet.gov/help/Content/Home.htm>
- Alaska Agency Administrator Library
 - <https://fire.ak.blm.gov/administration/aaguide.php>
- Order Local Decision Support Assistance (SOPL, LTAN)
- Geographic Area Decision Support Center (DSC)

Alaska Statewide Fire Planning Staff

Alaska Division of Forestry Strategic Fire Planner

Darren Finley
darren.finley@alaska.gov
907-350-7091

BLM Alaska Fire Service Fire Planner (State Lead)

Jennifer Hrobak
jhrobak@blm.gov
907-356-5866

NPS Alaska Region Regional Fire Planner

Casey O'Conner
casey_oconnor@nps.gov
907-615-0187

Decision Support Assistance – 2025 Alaska WFDSS Geographic Area Editors (GAEs)

Agency	Name	E-mail Address	Phone Number	Mobile Number
BIA/Tribal	St. Clair, Thomas	thomas.stclair@bia.gov	907-978-0104	907-209-0105
BLM	Hrobak, Jennifer	jhrobak@blm.gov	907-356-5866	907-370-3826
BLM	Boespflug, Casey	cboespflug@blm.gov	907-356-5859	307-217-1696
BLM	McCartney, Wendy	wmccartney@blm.gov	907-474-2228	406-366-1856
BLM	Perrine, Nathan	nperrine@blm.gov	907-356-5673	
NPS	Barnes, Jennifer	jennifer_barnes@nps.gov	907-455-0652	907-244-9073
NPS	Sorbel, Brian	brian_sorbel@nps.gov	907-644-3413	907-244-9054
NPS	O'Connor, Casey	casey_oconnor@nps.gov	907-615-0187	
State of Alaska	Finley, Darren	darren.finley@alaska.gov	907-350-7091	
State of Alaska	Nickel, Stephen	stephen.nickel@alaska.gov	907-761-6301	907-290-4947
USFS	Rickert, Ian	Ian.Rickert@usda.gov	208-731-6338	
USFWS	Saperstein, Lisa	lisa_saperstein@fws.gov	907-786-3422	907-202-2732

WFDSS Home

(<https://wfdss.firenet.gov/help/Content/Home.htm>)

- Version Updates
- User Guide
- Known Issues
- User Support
- Login Link
- Tutorial Videos

Wildland Fire Decision Support System

Search

WFDSS Home

What's New

WFDSS User Guide

Known Issues

User Support

WFDSS Development

AA/LO and GAE Resources

Spatial Fire Planning

WELCOME TO WFDSS

WFDSS PRODUCTION LOGIN

WFDSS TRAINING LOGIN

WFDSS TESTING LOGIN

Quick Links

Spatial Fire Planning Service

WFDSS Tutorial Videos

Agency Administrator Resources

GAE Resources

User Support

Alaska Agency Administrator's Library

<https://fire.ak.blm.gov/administration/aaguide.php>

← → ↻ 🔒 fire.ak.blm.gov/administration/aaguide.php

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Agency Administrator's Guide

[Agency Administrator Library NEW](#) 🌐

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02_2025 ALASKA WFDSS NextGen Training - May 20th 1300-1600
[2025 AA-FMO AK WFDSS NextGen Training Agenda_FINAL](#) 📄

+ Refresher Handouts

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AICC - Alaska Fire Service
P.O. Box 35005
Ft. Wainwright, AK 99703
907.356.5600
907.356.5678 fax



[Get Local Weather](#)

WFDSS Access

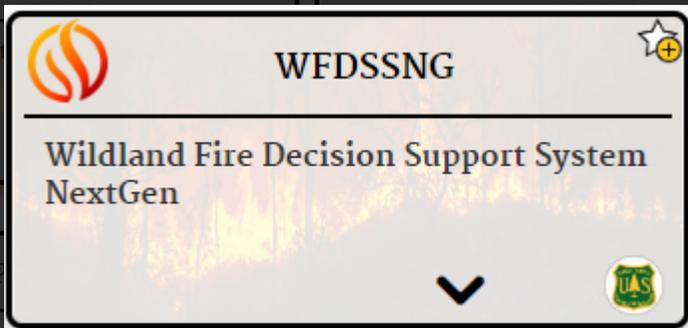
- WFDSS is within the FAMAuth Portal
 - Required to have a FAMAuth access
- famauth.wildfire.gov



Public... 	Government 
Login.gov is a service that offers secure and private online access to government programs through a Private Non-...	eAuthentication is the system that allows users access to Wildland Fire Apps and Services using government clearance.
	

WFDSS Access

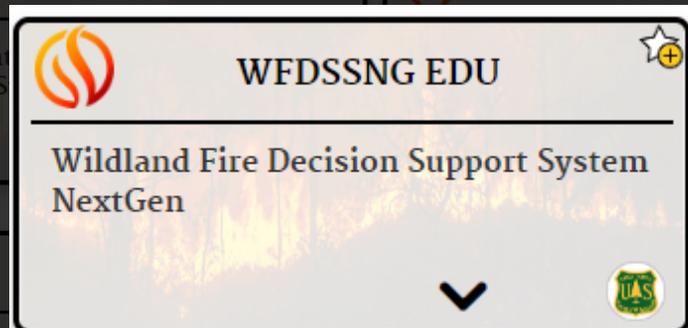
- WFDSS is within the FAMAuth Portal
 - Required to have a FAMAuth access



WFDSSNG
Wildland Fire Decision Support System
NextGen

This tile represents the production version of the Wildland Fire Decision Support System NextGen. It features a red flame icon, the text 'WFDSSNG', and 'Wildland Fire Decision Support System NextGen'. A dropdown arrow and a UAS logo are visible at the bottom.

Production



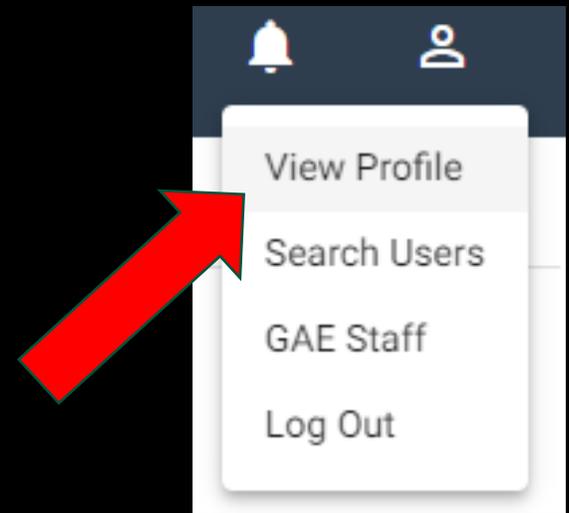
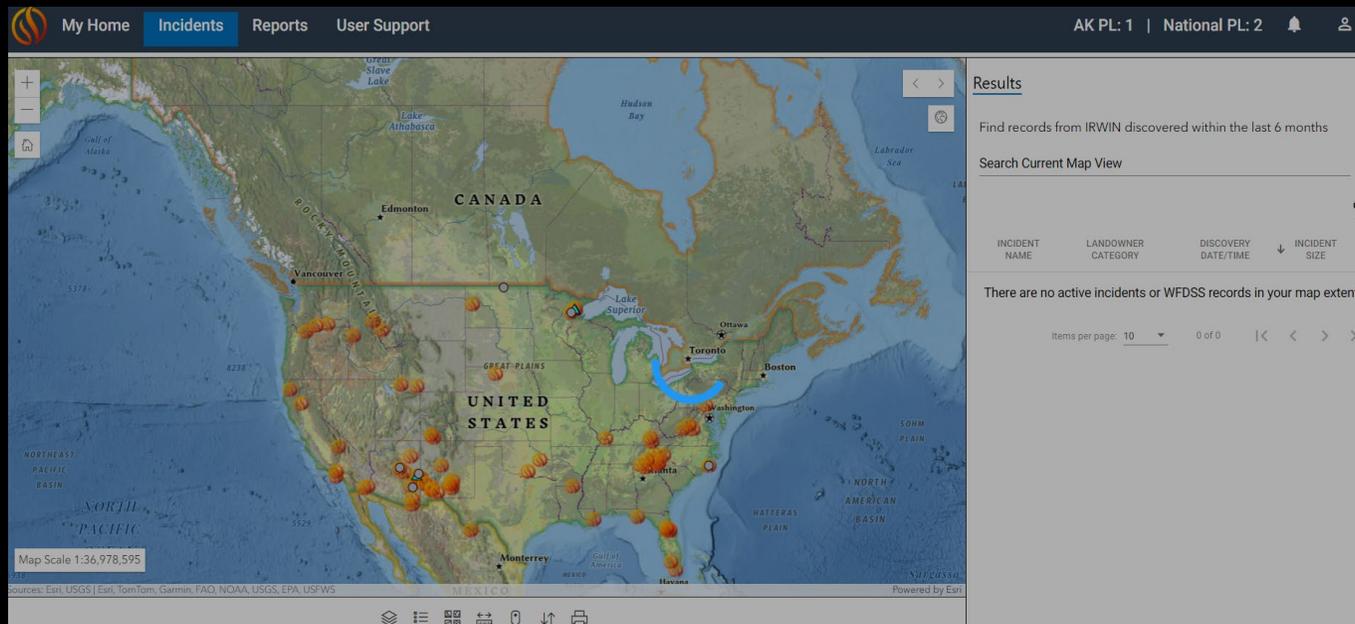
WFDSSNG EDU
Wildland Fire Decision Support System
NextGen

This tile represents the training version of the Wildland Fire Decision Support System NextGen. It features a red flame icon, the text 'WFDSSNG EDU', and 'Wildland Fire Decision Support System NextGen'. A dropdown arrow and a UAS logo are visible at the bottom.

Training

WFDSS Account Management

- GAE can ensure you have access
- Required to have a FAMAuth access



WFDSS Account Management

Profile

GAE

System Preferences

Notifications/Alerts Preferences

Darren Finley

[Open iNap Profile](#)

General Information

Information you enter on this screen will be visible to other WFDSS users. If you are a Geographic Area Editor (GAE), the primary email and phone number you enter here will be visible to people requesting system access through the use of the 'GAE Staff Report'.

First Name

Darren

Geographic Area

Alaska

Unit

No Unit

Primary Email Address

darren.finley@alaska.gov

Get Email Notifications?

Primary Phone Number *

9073507091

Get Text Notifications?

Last Name

Finley

Agency

State or Equivalent Government

Secondary Email Address

Get Email Notifications?

Secondary Phone Number

Get Text Notifications?

System Access Renewal Date: XX/XX/XXXX



Status

Approver

Yes

System Roles

GA_EDITOR

SAVE

CANCEL

WFDSS User Roles

NextGen simplified user roles

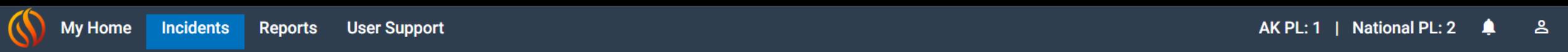
- Viewer
- Incident Editor
- Fire Behavior Analyst
- Geographic Area Editor
- Support

General WFDSS Navigation

Green Banner is EDU/Training



Blue Banner is Production



This refresher is operating in the training environment. Please do not work within production for this training.

General WFDSS Navigation

- This will be your start page as an incident editor.

The screenshot displays the WFDSS navigation interface. At the top, there is a navigation bar with tabs for "My Home", "Incidents", "Reports", and "User Support". The "Incidents" tab is currently selected. On the right side of the navigation bar, there are indicators for "AK PL: 1" and "National PL: 2", along with a notification bell icon and a user profile icon.

The main content area is split into two sections. On the left is a map of North America, showing the United States, Canada, and Mexico. The map is populated with numerous orange circular markers, each containing a flame icon, representing incident locations. The map includes various geographical labels such as "East Siberian Sea", "Bering Sea", "Gulf of Alaska", "Hudson Bay", "Labrador Basin", "North Atlantic Ocean", and "Caribbean Sea". A map scale of 1:73,957,191 is displayed at the bottom left of the map area. The map is powered by Esri.

On the right side of the main content area is a "Results" panel. It contains a search bar with the text "Find records from IRWIN discovered within the last 6 months" and a "Search Current Map View" button. Below the search bar is a table listing incident records. The table has four columns: "INCIDENT NAME", "LANDOWNER CATEGORY", "DISCOVERY DATE/TIME", and "INCIDENT SIZE".

INCIDENT NAME	LANDOWNER CATEGORY	DISCOVERY DATE/TIME	INCIDENT SIZE
MD Test	DOD	05/19/2025, 15:59	0.01
South Park Julie	USFS	05/19/2025, 15:55	27
South Park Kristen	USFS	05/19/2025, 15:55	108
South Park Cullen	USFS	05/19/2025, 15:55	7.5
South Park Ryan	USFS	05/19/2025, 15:55	3
South Park Madison	Private	05/19/2025, 15:55	2
MD Test	USFWS	05/19/2025, 15:42	0.01
Little Burg	USFS	05/19/2025, 15:00	5
MD Test	USFS	05/19/2025, 14:47	0.01
IROC Integration Test 19 May	Private	05/19/2025, 08:53	0.25

At the bottom of the results panel, there is a "Items per page" dropdown menu set to "10" and a pagination indicator showing "1 - 10 of 2022".

General WFDSS Navigation

- Spatial Navigation or Search Current View

The screenshot displays the WFDSS interface. At the top, there is a navigation bar with 'My Home', 'Incidents', 'Reports', and 'User Support'. The 'Incidents' tab is active. On the right side of the navigation bar, it shows 'AK PL: 1 | National PL: 2' along with notification and user icons.

The main area is split into two panels. The left panel is a map of North America, showing incident locations marked with orange and red icons. The map includes labels for 'GREENLAND', 'CANADA', 'UNITED STATES', and 'MEXICO'. A map scale of 1:73,957,191 is visible at the bottom left. The map is powered by Esri.

The right panel is titled 'Results' and contains a search bar with the text 'Search Current Map View' highlighted by a red box. Below the search bar is a table of incident records.

INCIDENT NAME	LANDOWNER CATEGORY	DISCOVERY DATE/TIME	INCIDENT SIZE
MD Test	DOD	05/19/2025, 15:59	0.01
South Park Julie	USFS	05/19/2025, 15:55	27
South Park Kristen	USFS	05/19/2025, 15:55	108
South Park Cullen	USFS	05/19/2025, 15:55	7.5
South Park Ryan	USFS	05/19/2025, 15:55	3
South Park Madison	Private	05/19/2025, 15:55	2
MD Test	USFWS	05/19/2025, 15:42	0.01
Little Burg	USFS	05/19/2025, 15:00	5
MD Test	USFS	05/19/2025, 14:47	0.01
IROC Integration Test 19 May	Private	05/19/2025, 08:53	0.25

At the bottom of the interface, there are navigation icons for map interaction and a footer indicating 'Items per page: 10' and '1 - 10 of 2022'.

General WFDSS Navigation

The screenshot displays the WFDSS navigation interface. At the top, there is a green navigation bar with the following elements: a logo on the left, and menu items for "My Home", "Incidents" (highlighted in blue), "Reports", and "User Support". On the right side of the bar, it shows "AK PL: 1 | National PL: 2", a notification bell icon, and a user profile icon.

The main area is split into two panels. The left panel is a map of Alaska, showing various geographical features and wildlife refuges. Several orange and red icons representing incidents are scattered across the map. The map includes a scale of 1:4,622,324 and is powered by Esri. The right panel is titled "Results" and contains a search filter: "Find records from IRWIN discovered within the last 6 months". Below this is a "Search Current Map View" section. A table lists the search results, with the "Globe_NG_Training" entry highlighted in blue.

INCIDENT NAME	LANDOWNER CATEGORY	DISCOVERY DATE/TIME	INCIDENT SIZE
MD Test	DOD	05/19/2025, 15:59	0.01
West Kantishna	NPS	05/14/2025, 20:00	50
Steele Creek - MB	Private	05/04/2025, 11:37	0.01
Megan Postgress 2	NPS	05/01/2025, 14:00	150
Postgress Megan Test 1	NPS	04/29/2025, 20:00	105
Globe_NG_Training	State	04/17/2025, 22:00	5
CBB Test	State	04/16/2025, 16:00	500
Washington Creek Test	NPS	03/31/2025, 20:00	2
Riley_t2	NPS	03/20/2025, 22:00	5
Tigerlily	DOD	03/16/2025, 22:00	300

General WFDSS Navigation

The screenshot displays the WFDSS interface. At the top, a green navigation bar contains 'My Home', 'Incidents', 'Reports', and 'User Support'. On the right, it shows 'AK PL: 1 | National PL: 2' along with notification and user icons. The main area is split into a map on the left and a details panel on the right. The map shows Alaska with several fire icons and labels for 'UNITED STATES' and 'ALASKA'. The details panel for 'Globe_NG_Training - AICC' includes tabs for 'Incident Info', 'Fire Area', and 'Collaborators'. The 'Incident Info' tab is active, showing details such as Incident Name, Discovery Date/Time, Incident Size, FS Job Code, Fire Code, Unique Fire ID, IRWIN ID, Cause, Dispatch Center, GACC, Lat, Long, Protecting Unit at Origin, Jurisdictional Unit at Origin, Landowner Category, Collaborating Agency(s), POC, and Contained Date/Time. A red arrow points to the 'GO TO DECISION' button at the bottom of the details panel, which is also highlighted with a red box.

My Home Incidents Reports User Support AK PL: 1 | National PL: 2

Map Scale 1:4,622,324

Sources: Esri, USGS | State of Alaska, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS Powered by Esri

Globe_NG_Training - AICC

Incident Info Fire Area Collaborators

Details

Incident Name: Globe_NG_Training
Discovery Date/Time: 04/17/2025, 22:00 UTC
Incident Size: 5 acres
FS Job Code:
Fire Code:
Unique Fire ID: 2025-AKUYD-000249
IRWIN ID: c83b5fdf-e59b-44eb-96f4-28d21c360cd2
Cause: Natural
Dispatch Center: AKYFDC - Yukon Fire Dispatch Center
GACC: AICC - Alaska Interagency Coordination Center
Lat: 65° 19.200'
Long: -148° 3.419'
Protecting Unit at Origin: AKUYD - Alaska Fire Service - Upper Yukon Zone
Jurisdictional Unit at Origin: AKDNS - Alaska Department of Natural Resources
Landowner Category: State
Collaborating Agency(s): None Added
POC: O'Connor, Casey
Contained Date/Time:

ZOOM TO GO TO DECISION CLOSE

General WFDSS Navigation

- Globe_NG_Training

The screenshot displays the WFDSS (Wildfire Decision Support System) interface. At the top, there are navigation tabs: 'My Home', 'Incidents', 'Reports', and 'User Support'. The current page is titled 'Globe_NG_Training' and includes a search icon and a link to 'Incident History'. Below the title, there are several analysis tabs: 'Incident Info', 'Analysis', 'Relative Risk', 'Strategy', 'Organization & Complexity', and 'Decision Approval/Assessment'. The main content area is split into two panels. The left panel shows a map of the incident area, with a central red circle indicating the fire location, surrounded by concentric rings of yellow, green, and blue, representing different risk levels. The map includes geographical features like 'White Mountains', 'Table Top Mountain', and 'Nome Creek'. The right panel displays the 'Incident Info' details, including the incident name, discovery date/time, size, job code, fire code, unique fire ID, IRWIN ID, cause, dispatch center, GACC, coordinates, protecting unit at origin, jurisdictional unit at origin, landowner category, collaborating agency(s), POC, contained date/time, controlled date/time, and out date/time. An 'EDIT' button is located at the bottom right of the details panel.

My Home Incidents Reports User Support AK PL: 1 | National PL: 2

Globe_NG_Training

Incident History

Incident Info Analysis Relative Risk Strategy Organization & Complexity Decision Approval/Assessment

Map Scale 1:1,155,581

Incident Info Fire Area Collaborators

Details

Incident Name: Globe_NG_Training
Discovery Date/Time: 04/17/2025, 22:00 UTC
Incident Size: 5 acres
FS Job Code:
Fire Code:
Unique Fire ID: 2025-AKUYD-000249
IRWIN ID: c83b5fdf-e59b-44eb-96f4-28d21c360cd2
Cause: Natural
Dispatch Center: AKYFDC - Yukon Fire Dispatch Center
GACC: AICC - Alaska Interagency Coordination Center
Lat: 65° 19.200'
Long: -148° 3.417'
Protecting Unit at Origin: AKUYD - Alaska Fire Service - Upper Yukon Zone
Jurisdictional Unit at Origin: AKDNS - Alaska Department of Natural Resources
Landowner Category: State
Collaborating Agency(s): None Added
POC: O'Connor, Casey
Contained Date/Time:
Controlled Date/Time:
Out Date/Time:

EDIT

General WFDSS Navigation

- Decision Stepper
 - Info, Analysis, Relative Risk, Strategy, Org & Complexity, Approval

The screenshot displays the WFDSS web application interface. At the top, there is a navigation bar with links for 'My Home', 'Incidents', 'Reports', and 'User Support'. The current page is titled 'Globe_NG_Training'. Below the navigation bar, there is a 'Decision Stepper' menu with options: 'Incident Info', 'Analysis', 'Relative Risk', 'Strategy', 'Organization & Complexity', and 'Decision Approval/Assessment'. A red arrow points to the 'Incident Info' option. The main content area is divided into two sections. On the left is a map showing the incident location, with a red circle indicating the incident area and a purple polygon representing the fire area. The map includes labels for 'Globe_NG_Training' and 'Casey Test'. On the right is the 'Incident Info' panel, which contains the following details:

- Incident Name:** Globe_NG_Training
- Discovery Date/Time:** 04/17/2025, 22:00 UTC
- Incident Size:** 5 acres
- FS Job Code:**
- Fire Code:**
- Unique Fire ID:** 2025-AKUYD-000249
- IRWIN ID:** c83b5fdf-e59b-44eb-96f4-28d21c360cd2
- Cause:** Natural
- Dispatch Center:** AKYFDC - Yukon Fire Dispatch Center
- GACC:** AICC - Alaska Interagency Coordination Center
- Lat:** 65° 19.200'
- Long:** -148° 3.417'
- Protecting Unit at Origin:** AKUYD - Alaska Fire Service - Upper Yukon Zone
- Jurisdictional Unit at Origin:** AKDNS - Alaska Department of Natural Resources
- Landowner Category:** State
- Collaborating Agency(s):** None Added
- POC:** O'Connor, Casey
- Contained Date/Time:**
- Controlled Date/Time:**
- Out Date/Time:**

At the bottom right of the incident details panel, there is an 'EDIT' button. The map at the bottom left shows a scale of 1:1,155,581 and is powered by Esri.

General WFDSS Navigation

- Tabs within each element

The screenshot displays the WFDSS interface. At the top, there is a navigation bar with tabs for 'My Home', 'Incidents', 'Reports', and 'User Support'. The 'Incidents' tab is active. On the right side of the top bar, it shows 'AK PL: 1 | National PL: 2' and user icons. Below the top bar, the main header reads 'Globe_NG_Training' with a search icon and a link to 'Incident History'. A secondary navigation bar contains tabs for 'Incident Info', 'Analysis', 'Relative Risk', 'Strategy', 'Organization & Complexity', and 'Decision Approval/Assessment'. The 'Incident Info' tab is selected and highlighted with a red box. A red arrow points from the top of the page down to this tab. The main content area is split into two sections. On the left is a map showing a fire incident area with a red center and yellow/orange outer rings, labeled 'Globe_NG_Training'. On the right is a 'Details' panel with the following information:

- Incident Name:** Globe_NG_Training
- Discovery Date/Time:** 04/17/2025, 22:00 UTC
- Incident Size:** 5 acres
- FS Job Code:**
- Fire Code:**
- Unique Fire ID:** 2025-AKUYD-000249
- IRWIN ID:** c83b5fdf-e59b-44eb-96f4-28d21c360cd2
- Cause:** Natural
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- Landowner Category:** State
- Collaborating Agency(s):** None Added
- POC:** O'Connor, Casey
- Contained Date/Time:**
- Controlled Date/Time:**
- Out Date/Time:**

At the bottom right of the details panel, there is an 'EDIT' button. The bottom of the interface shows a map scale of 1:1,155,581 and a footer with source information: 'Esri, USGS | Sources: Esri, USGS | State of Alaska, Esri, TomTom, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, USFWS' and 'Powered by Esri'.

General WFDSS Navigation

- Tabs within each element

The screenshot displays the WFDSS (Wildfire Decision Support System) interface. At the top, there is a navigation bar with tabs for 'My Home', 'Incidents', 'Reports', and 'User Support'. The 'Incidents' tab is currently selected. On the right side of the top bar, there are indicators for 'AK PL: 1' and 'National PL: 2', along with notification and user icons.

Below the navigation bar, the main content area is titled 'Globe_NG_Training'. A secondary navigation bar contains several tabs: 'Incident Info', 'Analysis', 'Relative Risk', 'Strategy', 'Organization & Complexity', and 'Decision Approval/Assessment'. The 'Incident Info' tab is active.

The central part of the interface is a map showing a geographical area with various features. A red circle highlights a specific location labeled 'Globe_NG_Training'. The map includes labels for 'Hess Creek', 'Troublesome Creek', 'Station Creek', 'West Fork Tolovana River', 'Champion Creek', 'Nome Creek', 'Little Chena River', 'WHITE MOUNTAINS', 'BOCKY MOUNTAIN', 'MOUNT PRINDLE', and 'TABLE TOP MOUNTAIN'. A map scale of 1:1,155,581 is shown at the bottom left.

On the right side, there is a sidebar with several sections. The 'Fire Area' tab is highlighted with a red box and a red arrow pointing to it. Below this, there is a 'Spatial Inventory (SI)' section with a 'GENERATE SI' button. A table below the button shows the following data:

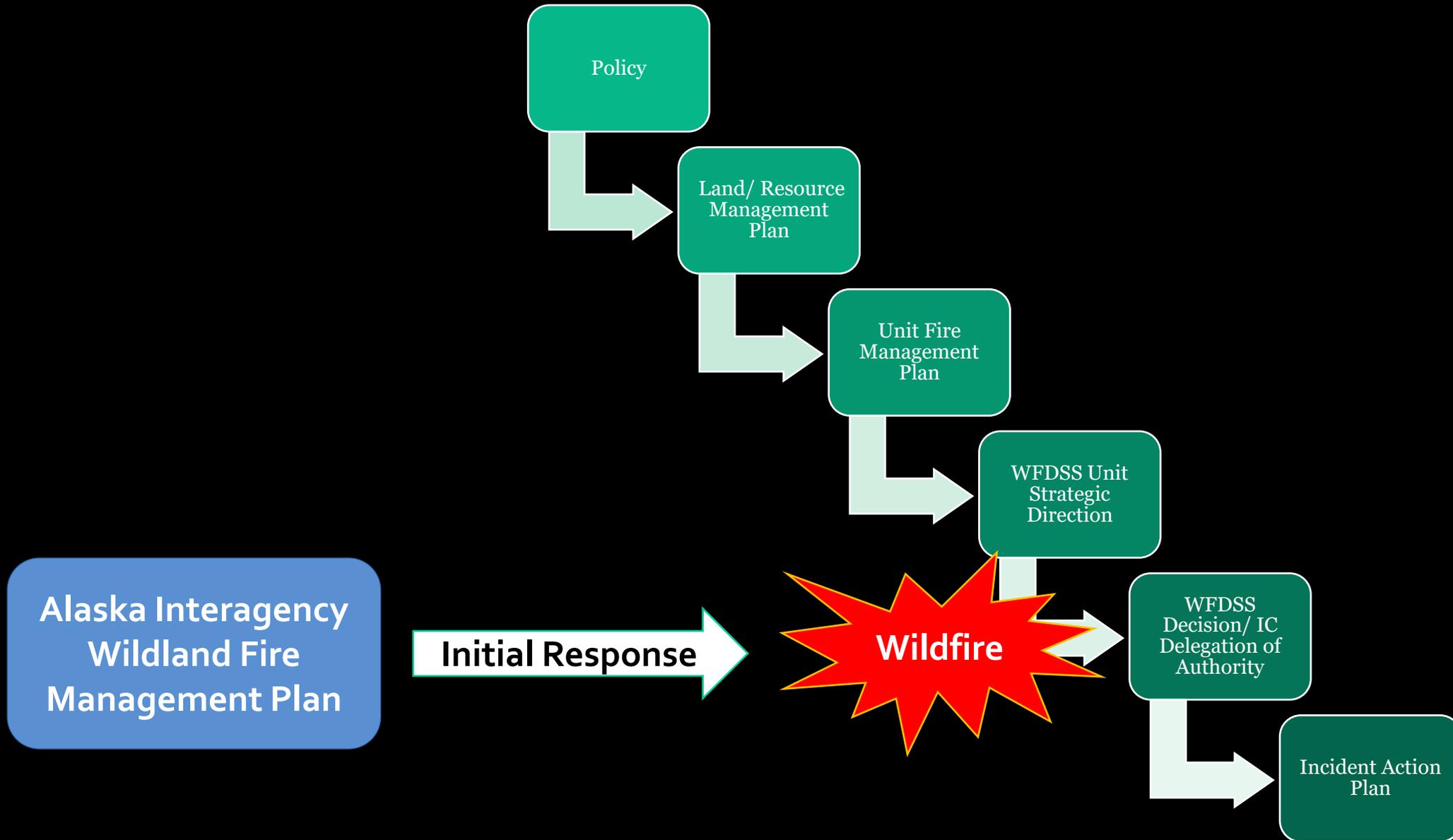
FEATURE LAYER	FEATURE NAME	DATE GENERATED
Planning Area	Current	05/19/2025, 08:47
Initial Planning Area	Default	04/17/2025, 14:14

At the bottom of the sidebar, there are sections for 'Firefighter Safety' and 'Weather'. The bottom of the interface features a toolbar with various icons for map navigation and analysis.

Questions?

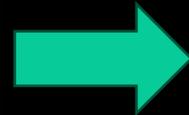
Pre-Season Planning & Data Management

Alaska Wildfire Strategic Direction



WFDSS Classic Data Management Tab

WFDSS Classic Data Management Tab



INTERAGENCY SPATIAL FIRE PLANNING SERVICES

NIFC ArcGIS Online service for editing, updating, visualizing spatial wildland fire management planning information.

Production Environment

This is View and Edit Application for the Production Version of the Interagency Spatial Fire Planning Service.

Any edits and updates completed in this application will be live in WFDSS NextGen

[ENTER](#)

[Spatial Fire Planning Guide](#)

[Feedback](#)

WFM RDA
Wildland Fire Research, Development & Application

WFDSS NextGen pulls Strategic Direction from the Spatial Fire Planning Service based on the size of the Planning Area for an incident

WFDSS Classic Strategic Objectives / Management Requirements for Bureau of Indian Affairs / Native Allotments to Language Records

Spatial Fire Planning Service Language for Bureau of Indian Affairs / Native Allotments

Strategic Objectives and Management Requirements

Unit Selection

Geographic Area

- Alaska
- Northwest
- Northern California
- Southern California
- Northern Rockies
- Great Basin
- Southwest
- Rocky Mountain
- Eastern
- Southern

Agency

- BIA/Tribal
- BLM
- BOR
- USFWS
- NPS
- USFS
- State
- C&L
- ANCSA
- Other

Unit

AKAKA - Alaska Regional Office

AKMEA - Metlakatla Agency

*Inactive units display at the bottom of the list

Planning Process

- Fire Management Units (FMU)
- Spatial Fire Planning (SFP)

Filter

Active Status

- All
- Currently Active
- Never Active
- Active on

Objective Type

- Strategic Objective
- Management Requirement

FMU Code - Description

Apply Filter

Strategic Objectives/Management Requirements for Unit AKAKA

FMU	Type	Activated	Strategic Objective/Management Requirement
<Unit>	Strat Obj	07/02/2015	Protect Native Allotments from fire and suppression activity impacts.
<Unit>	Mgmt Req	07/13/2015	Ensure BIA and/or compact provider is kept informed regarding strategy, risks, and progress on incidents involving Native Allotments.
<Unit>	Mgmt Req	07/13/2015	Provide BIA and/or compact provider with documentation of impacts to Native Allotments caused by fire or fire suppression activity.
<Unit>	Mgmt Req	07/09/2020	Native Allotments fall under the jurisdiction of the Bureau of Indian Affairs. Titles to these land parcels are held by individual or groups of Native Alaskans. The lands are very similar to private land, but have a restricted status. The restricted status is the same as trust status except that the title is held by individual or groups of Native Alaskans. It means that the Federal Government is responsible for maintaining these lands in perpetuity for their Native owners. Trust Resources on the Allotments from wildland fire and wildland fire suppression impacts is a part of the Federal Government's responsibility.

SFPS Hub Page
View Data
Shape Approval
Edit Language
Edit Categories
Misfit Data
Other Unit Shapes
Edit SFPS Shapes

Esri, USGS | Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, USFWS

Edit Language

Data Filter

Geographic Area is
Alaska Interagency Coordination Center (AICC) ▾

Agency is
US Federal - Bureau of Indian Affairs ▾

Unit Name is
Alaska Regional Office ▾

Feature Type is
- All - ▾

Apply **Reset**

< Edit feature
Settings ▾

Fire Planning Shapes

FirePlanningLanguage

- USAKAKA: >
- USAKAKA: >
- USAKAKA: >

Show all ▾

Language Label:

Language: Native Allotments fall under the jurisdiction of the Bureau of Indian Affairs. Titles to these land parcels are held by individual or groups of Native Alaskans. The lands are very similar to private land, but have a restricted status. The restricted status is the same as trust status except that the title is held by individual or groups of Native Alaskans. It means that the Federal Government is responsible for maintaining these lands in perpetuity for their Native owners. Trust Resources on the Allotments from wildland fire and wildland fire suppression impacts is a part of the Federal Government's responsibility.

Language Label:

Language: Provide BIA and/or compact provider with documentation of impacts to Native Allotments caused by fire or fire suppression actions.

Language Label:

Language: Ensure BIA and/or compact provider is kept informed regarding strategy, risks, and progress on incidents involving Native Allotments.

Language Label:

Language: Protect Native Allotments from fire and suppression activity impacts.

Update

What Language Crossed Over from WFDSS Classic to Spatial Fire Planning Service?

- AIWFMP Statewide Management Requirements
- AIWFMP Strategic Objectives tied to Fire Management Option polygons
- Objectives / Requirements tied to the Unit Boundary Shape (for both FMU and Spatial Fire Planning)
- Direction for units using Spatial Fire Planning tied to Strategic Objective or Management Requirement Shapes
- Objectives / Requirements for units using FMU Fire Planning that were tied to non-spatial FMU (C, F, L, M, etc.)



Best Practice: Compare WFDSS Classic with SFPS (but only through June 9!!!)

Wildland Fire Decision Support System National Preparedness Level: 2
Brian Sorbel on Production | Sign out

Warning: NextGen WFDSS has replaced Classic WFDSS as the authoritative system for decisions on federal wildland fires. Classic Production is now View Only; no decisions or modeling should be conducted. Users with previous existing access to content can view and download it. Historical records from Classic WFDSS Production will be available for download in the WFDSS NextGen application soon. All access to Classic WFDSS Production is anticipated to cease no later than the end of June 2025. If you need support using NextGen WFDSS you can request support through RIST: <https://forms.office.com/Pages/ResponsePage.aspx?id=4F2CSwVwPUuafHhBHyhmA7Ln9P2ntFgsQKwIIAyoUQ1A0T1ZaQTBVN1RiVtRORRkLUTaXUJfNjQIQCNOPWcu>

Strategic Objectives and Management Requirements

Unit Selection

Geographic Area

- Alaska
- Northwest
- Northern California
- Southern California
- Northern Rockies
- Great Basin
- Southwest
- Rocky Mountain
- Eastern
- Southern

Agency

- BIA/Tribal
- BLM
- BOR
- USFWS
- NPS
- USFS
- State
- C&L
- ANCSA
- Other

Unit

- AKAMR - Alaska Maritime National Wildlife Refuge
- AKAPR - Alaska Peninsula National Wildlife Refuge
- AKARR - Arctic National Wildlife Refuge
- AKBCR - Becharof National Wildlife Refuge
- AKINR - Innoko National Wildlife Refuge
- AKIZR - Izembek National Wildlife Refuge
- AKKAR - Kanuti National Wildlife Refuge
- AKKDR - Kodiak National Wildlife Refuge
- AKKNR - Kenai National Wildlife Refuge
- AKKUR - Koyukuk National Wildlife Refuge
- AKNOR - Nowitna National Wildlife Refuge
- AKR7R - Alaska Region (Region 7)
- AKSWR - Selawik National Wildlife Refuge
- AKTER - Tetlin National Wildlife Refuge
- AKTGR - Togiak National Wildlife Refuge
- AKYDR - Yukon Delta National Wildlife Refuge
- AKYFR - Yukon Flats National Wildlife Refuge

*Inactive units display at the bottom of the list

Planning Process

- Fire Management Units (FMU)
- Spatial Fire Planning (SFP)

Filter

Active Status

- All
- Currently Active
- Never Active
- Active on:

Objective Type

- Strategic Objective
- Management Requirement

Strategic Objective Code - Description

Apply Filter

Strategic Objectives/Management Requirements for Unit AKAMR

Shape/FMU Type	Activated	Strategic Objective/Management Requirement
<Unit> Mgmt Req 02/28/2023		AKAMR Unit-wide Management Requirements <ul style="list-style-type: none">The use of tactics resulting in the least amount of cultural and environmental impact is required for suppression activities on Refuge lands whenever feasible. Coordinate suppression planning and repair with resource advisors to identify and protect natural and cultural resources; consult the Known Sites database for FWS values.Retardant or aerial foam use on Refuge lands other than to mitigate an immediate threat to human life must be authorized by the Refuge Manager. Aerial water is authorized if the delivery apparatus is flushed with water prior to use.Heavy equipment use on FWS lands must be pre-approved by the Refuge Manager prior to use and will be closely monitored to minimize impacts on cultural resources.Fire suppression activities will be monitored and mitigated if necessary to reduce the spread of invasive plants. Assign an agency Resource Advisor if fire occurs near known infestations.All aircraft except in the immediate fire vicinity and for take-off and landing should maintain a minimum altitude of 2000 feet AGL. Aircraft operations resulting in the herding, harassment, hazing or driving of wildlife is prohibited over Refuge lands.Provide timely and accurate fire information to the Manager or FMO as fire conditions warrant. Coordinate dissemination of fire information including smoke forecasts to the public and press with the Refuge Manager and/or FMO.
<Unit> Mgmt Req 02/28/2023		AKAMR Wilderness Management Requirements <ul style="list-style-type: none">The Wilderness Act of 1964 prohibits the use of motor vehicles, motorboats, motorized equipment, landing of aircraft, and other forms of mechanical transport in Wilderness, however some exceptions are granted if necessary for the control of fire. Seek prior approval by the Refuge Manager (or designee) before conducting these activities to ensure compliance.If management action is needed, use low impact methods that preserve wilderness character. Use indirect suppression and avoid ground disturbing activities whenever possible so as to maintain a natural environment with very little evidence of human-caused change.
AKAMR Strat Obj 02/28/2023		AKAMR Unit-wide Strategic Objectives <ul style="list-style-type: none">Ensure public and firefighter safety while protecting property and identified resources from the adverse effects of wildland fire.Provide protection to state, private, and native lands adjacent to and within Refuge boundaries.

SFP Edit Language | SFPS Product

https://experience.arcgis.com/experience/f2b1a5d2e12d42638ed11984f5d0352/page/SFP-Edit-Language#data_s=id%3Awidget_394_output_870190591601388...

SFP Hub Page **View Data** **Shape Approval** **Edit Language** **Edit Categories** **Misfit Data** **Other Unit Shapes** **Edit SFPS Shapes**

Edit Language

Data Filter

Geographic Area is
Alaska Interagency Coordination Center (AICC)

Agency is
US Federal - Fish and Wildlife Service

Unit Name is
Alaska Maritime National Wildlife Refuge

Feature Type is
- All -

Apply **Reset**

Edit feature

Settings

Fire Planning Shapes

FirePlanningLanguage

- USAKAMR: >
- USAKAMR: >

+ Add record

Update

Language Label:
Language: AKAMR Wilderness Management Requirements

- The Wilderness Act of 1964 prohibits the use of motor vehicles, motorboats, motorized equipment, landing of aircraft, and other forms of mechanical transport in Wilderness,

Language Label:
Language: <table border="0" width="841" class="mce-item-table"><tbody><tr><td width="841" style="border-width: 1px; border-style: solid; border-color: rgb(0, 0, 0); text-align: left;" data-mce-style="text-align: left; border: 1px solid #000000;">AKAMR Unit-wide Management Requirements

Adding/editing Spatial Fire Language requires membership in the NIFC AGOL Spatial Fire Planning – Data Manager Group

The screenshot shows the ArcGIS Groups interface for the 'Spatial Fire Planning - Data Manager Group'. The browser address bar shows the URL: <https://nifc.maps.arcgis.com/home/group.html?id=1002df3ef04a4e11b3a23c2dbb0a535f#overview>. The user is logged in as 'AK IMT - Brian Sorbel (bsorbel_nifc)'. The page has a blue header with navigation tabs: Home, Gallery, Map, Scene, Groups (selected), Content, and Organization. Below the header, there are sub-tabs for the group: Overview (selected), Content, Members, and Settings.

The main content area features a group card with a blue and green icon. The card text reads: 'NIFC AGOL Group for fire planners and fire management providing Spatial Fire Planning information, including fire planning language and shape categorization, in the production environment.' There is an 'Edit' link next to the text.

Below the group card is a 'Description' section with an 'Edit' link. The description is divided into two categories: 'Data Managers' and 'CANNOT'.

Data Managers:

- Add/Edit Spatial Fire Planning Language
- Activated/Deactivate Spatial Fire Planning Language
- Add/Edit Spatial Fire Planning Shape Categories, Labels, Descriptions, and Other Shape Attributes
- Activate/Deactivate Spatial Fire Planning Shapes

CANNOT

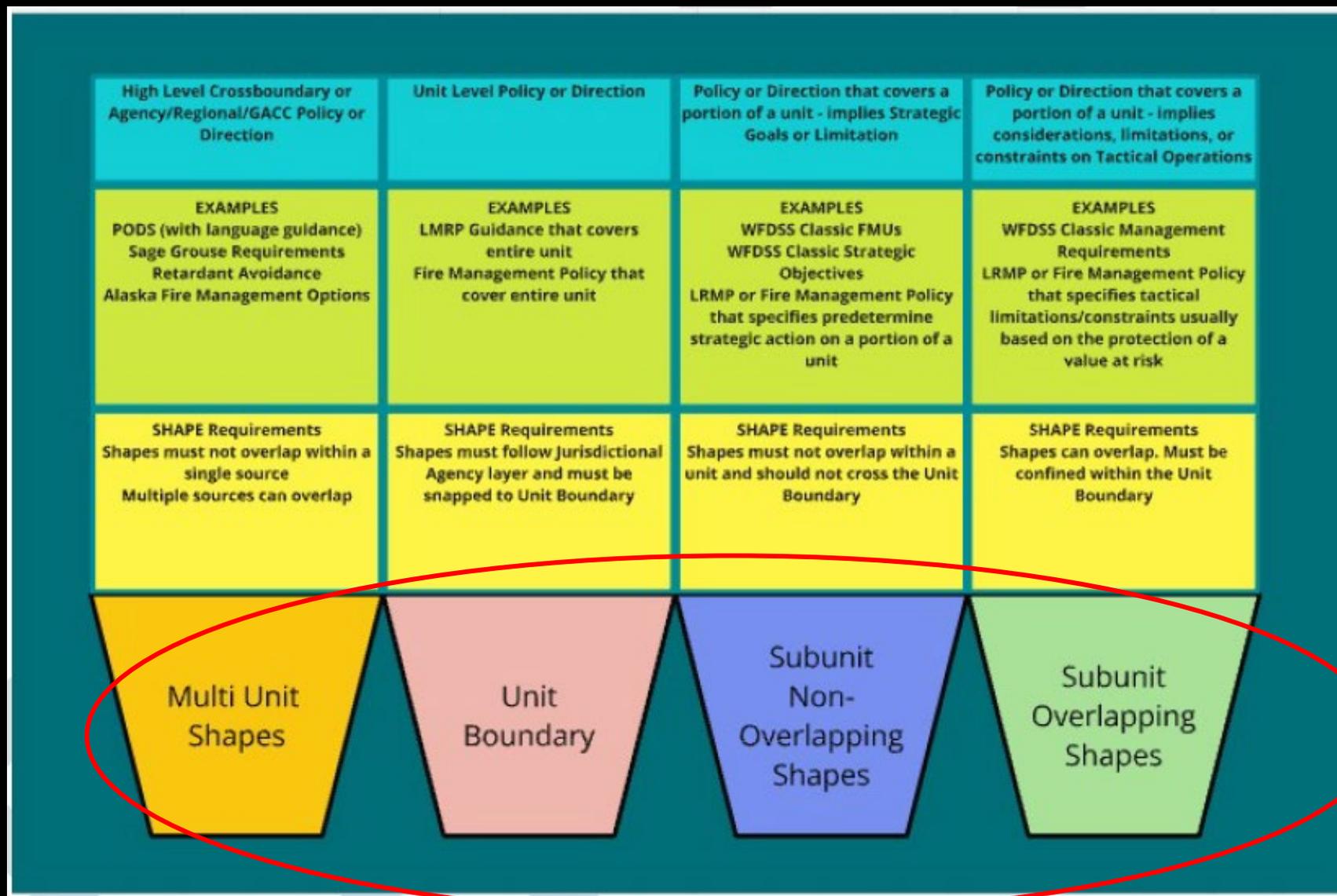
- Create New Spatial Fire Planning Shapes
- Edit Existing Spatial Fire Planning Shapes
- Approve Spatial Fire Planning Shapes

At the bottom of the description section is a 'Recently added content' section with a 'View all content (14)' button and an 'Edit' link.

The right sidebar contains several sections:

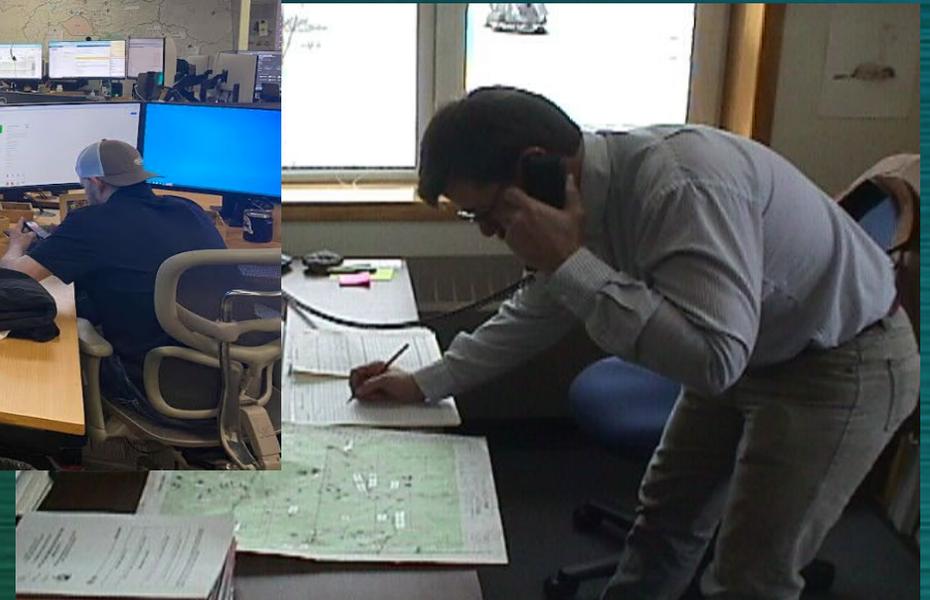
- Membership requests:** 1 request. Buttons for 'Invite members', 'Add items to group', and 'Create web app'.
- Owner:** RD & A Authoritative (WFMRDA_Authoritative) with an 'Edit' link.
- Membership:** 'You are a manager' with a 'Leave group' button.
- Details:** Number of group members: 217. Date created: Jan 22, 2025. Viewable by: Organization members. Contributors: Owners and managers only. Members list: Visible to all group members.

Spatial Fire Planning Service Terminology



Questions?

Wildfire Size-up, Initial Response, & Notifications



Globe Fire

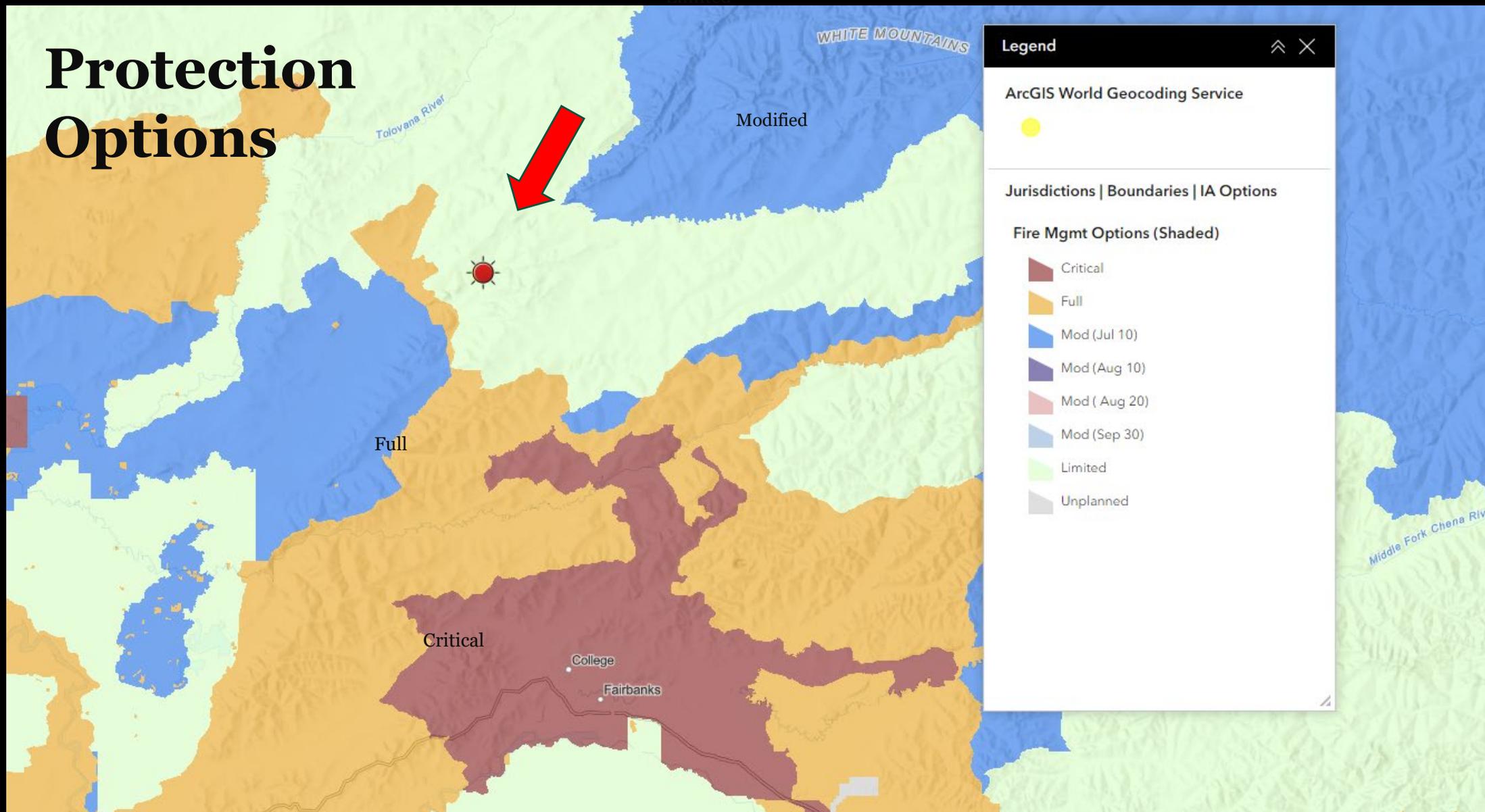
- Protection Unit - AKUYD
- Limited Protection
- Continuous Black Spruce
- 90 % Active
- Values potentially threatened.

	LIVA2
Temp	83 F
RH	29%
WSM	4MPH SSE



The Globe Fire as seen from an aircraft flying over the fast-moving fire at 7:36 p.m. on June 26, 2024. Photo by Ryan McPherson, BLM AFS

Protection Options



Initial Notifications

Alaska Interagency Wildland Fire Management Plan (2025 Review)

3.4 FIRE NOTIFICATIONS

Protecting Agencies are responsible for informing Jurisdictional Agencies when wildfires occur on or threaten their lands. Jurisdictional Agency Administrators are responsible for all fire management actions affecting their lands and must be kept informed and involved in the decision-making process.

This includes:

- Provide early notification to the jurisdiction at the point of origin and other jurisdictions immediately threatened so that they can identify and prioritize values, communicate concerns, help to validate the default initial response, participate in any decision to take a non-standard response, and keep their leadership and stakeholders informed. This applies even if no suppression action is being taken or is being considered. Whenever possible, notification should take place prior to taking any suppression action; however, initial response should not be delayed if contacts cannot be made.

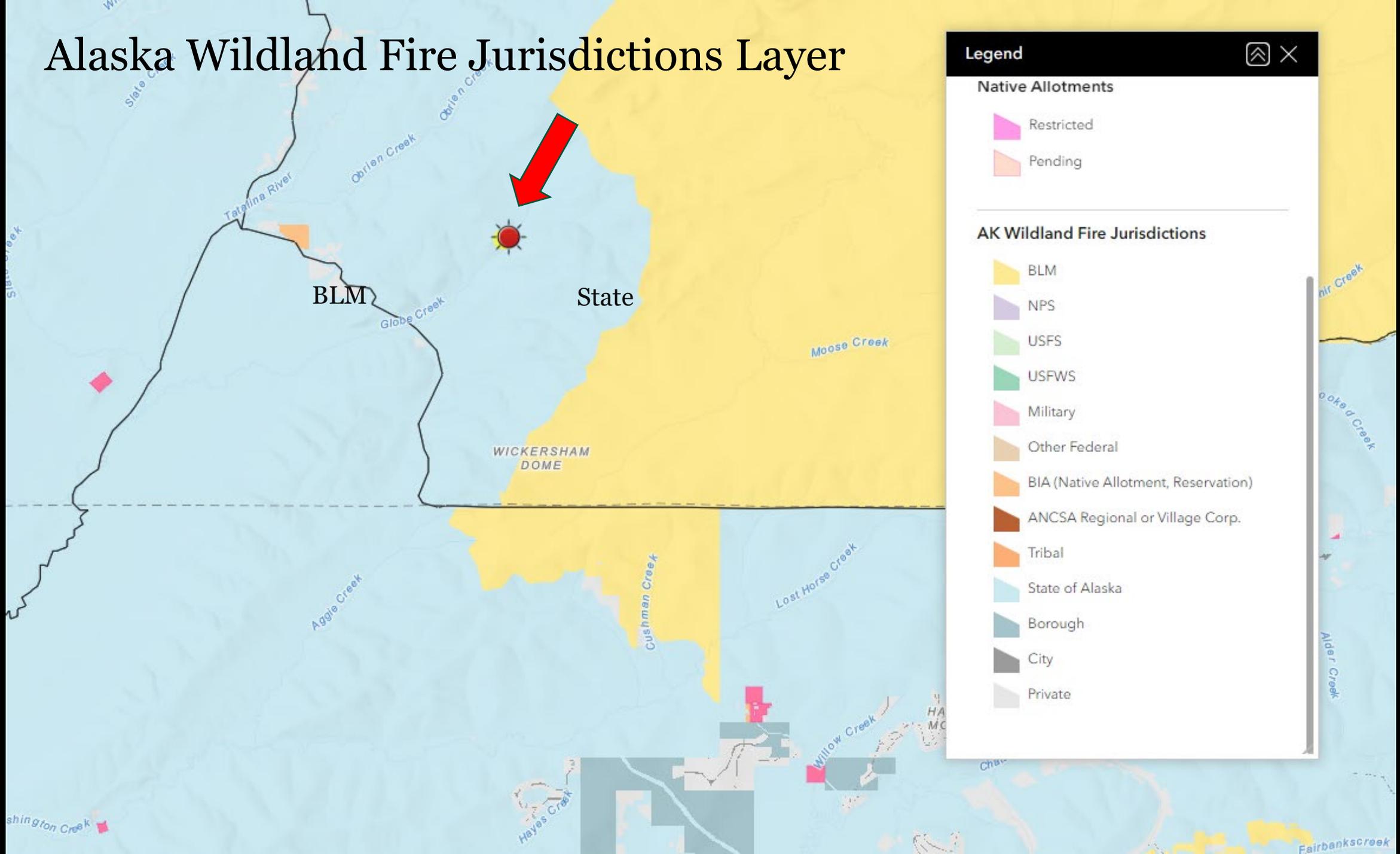
Jurisdictions must also be notified when the Protecting agency is made aware of and/or responds to Debris/Product Fires, Vehicle Fires, Structure Fires, Foreign Incidents, Non-Statistical/Others and False Alarms as defined by the [National Wildfire Coordinating Group \(NWCG\) Event Kind/Category Data Standard](#), along with Natural Outs, and prevention actions recorded by the Alaska DNR, including actions such as issuing burn pile warnings or putting out unattended campfires.

ALASKA MASTER COOPERATIVE WILDLAND FIRE MANAGEMENT AND STAFFORD ACT RESPONSE AGREEMENT
2025 ALASKA STATEWIDE OPERATING PLAN

Table 18: Jurisdictional Agencies based on Ownership/Land Status

<i>Jurisdictional Agency</i>	<i>Ownership/Land Status</i>
Alaska Department of Natural Resources¹	<ul style="list-style-type: none"> • Alaska State managed lands including: <ul style="list-style-type: none"> ○ State Parks, Forests, Mental Health, and other state lands ○ State Critical Habitat Areas, Range Areas, Refuges and Sanctuaries (joint w/Alaska Department of Fish and Game) ○ Lands “Tentatively Approved” for conveyance to the state ○ DNR lands permitted or leased to another entity² • City, Borough and Municipality lands • Private fee simple lands • University of Alaska lands
Alaska Native Claims Settlement Act (ANCSA) Village and Regional Corporations (BLM AFS may act as the Agency Administrator Representative, when necessary)	<ul style="list-style-type: none"> • Patented or Interim Conveyed ANCSA Regional or Village Corporation lands • ANCSA lands permitted or leased to another entity²
Bureau of Indian Affairs³	<ul style="list-style-type: none"> • BIA managed lands including: <ul style="list-style-type: none"> ○ Restricted Native Allotments (patented or certificated) ○ Annette Island Indian Reservation ○ Other federally administered Indian trust lands including restricted title townsites
Bureau of Land Management	<ul style="list-style-type: none"> • BLM managed lands including: <ul style="list-style-type: none"> ○ National system of public lands as defined in Federal Land and Management Policy Act ○ National Conservation Areas ○ BLM Wild and Scenic Rivers ○ National Recreation Areas ○ National Petroleum Reserve-Alaska ○ BLM lands permitted or leased to another entity² ○ Native Allotment Applications (not yet patented or certificated) ○ ANCSA Regional or Village Corporation selected lands outside of National Parks, National Wildlife Refuges, and National Forests that are not conveyed, interim conveyed, or “Tentatively Approved” ○ State selected lands outside of National Parks, National Wildlife Refuges, and National Forests that are not conveyed or “Tentatively Approved”

Alaska Wildland Fire Jurisdictions Layer



Legend [Close] [Home]

Native Allotments

- Restricted
- Pending

AK Wildland Fire Jurisdictions

- BLM
- NPS
- USFS
- USFWS
- Military
- Other Federal
- BIA (Native Allotment, Reservation)
- ANCSA Regional or Village Corp.
- Tribal
- State of Alaska
- Borough
- City
- Private

Appendix B. Required Jurisdictional Fire Notifications

Table 9: State of Alaska Jurisdictional Contacts

Unit Description	Jurisdictional Contact(s)
State & Private Lands	DOF Regional FMO
Borough & Municipal Lands	DOF Regional FMO + appropriate Borough/Municipal contact
University of Alaska Lands	DOF Regional FMO + appropriate University contact

Table 10: USFS Jurisdictional Contacts

Unit Description	Jurisdictional Contact(s)
Chugach National Forest	USFS Chugach/Tongass Combined Fire Staff Officer (Forest FMO)
Admiralty Island National Monument Tongass National Forest Misty Fiords National Monument	USFS Chugach/Tongass Combined Fire Staff Officer (Forest FMO)

Table 11: BLM Jurisdictional Contacts (including pending Native allotments)

Unit Description	Jurisdictional Contact(s)
BLM Anchorage District Field Offices	BLM Anchorage District Fire & Fuels Program Supervisor
BLM Arctic District Office	BLM Fairbanks District FMO
BLM Fairbanks District Field Offices	BLM Fairbanks District FMO

Table 12: NPS Jurisdictional Contacts

Unit Description	Jurisdictional Contact(s)
Gates of the Arctic National Park and Preserve Yukon-Charley Rivers National Preserve	NPS Eastern Area FMO
Wrangell-St. Elias National Park and Preserve (Tok Protection Area)	NPS Eastern Area FMO + AFS Military Zone FMO (Fiscal Authority)
Wrangell-St. Elias National Park and Preserve (Copper River Protection Area)	NPS Eastern Area FMO + AFS South Zone FMS (Fiscal Authority)
Kobuk Valley National Park Noatak National Preserve Bering Land Bridge National Preserve Cape Krusenstern National Monument Denali National Park and Preserve (Tanana Protection Zone)	NPS Western Area FMO
Denali National Park and Preserve (Fairbanks Protection Area)	NPS Western Area FMO + AFS Military Zone FMO (Fiscal Authority)
Denali National Park and Preserve (Mat-Su Protection Area) Lake Clark National Park and Preserve	NPS Western Area FMO + AFS South Zone FMS (Fiscal Authority)
Glacier Bay National Park and Preserve Katmai National Park and Preserve Kenai Fjords National Park Klondike Gold Rush National Historic Park Sitka National Historic Park Alagnak Wild River Aniakchak National Monument and Preserve	NPS Deputy Regional Fire Management Officer/Coastal Area FMO + AFS South Zone FMS (Fiscal Authority)

AIWFMP: Appendix C- Notification Checklist

Protecting Units must document notification attempts. The Fire Notification Checklist below may be used for this purpose. Appropriate notification contacts are described in **Appendix B**.

Consider sharing the following items during the notification process; however, do not delay notification due to incomplete information.

- Incident Location (coordinates/ geographic description)
- Incident #
- Incident Name
- Cause
- Date/Time Reported
- Fire Management Option at Point of Origin
- Ownership/Jurisdictional Agency at Point of Origin
- Jurisdictional Agencies potentially threatened within first 48 hours
- Identified Values Threatened
- Fuels, Topography, Weather & Fire Behavior
- Resources on Site/Enroute/on Order
- Management Actions in Progress
- Management Action Recommendations (Standard/Non-Standard Response)
- Issues/Concerns (e.g., IA forces available, risk to public safety, risk to firefighters, smoke, Native Allotments, structures, probability of initial action success, etc.)

Extended Notifications

- Provide early notification to additional jurisdictions whose lands become threatened by fire throughout the life of the incident even if no suppression action is being taken or is being considered. This allows all jurisdictions affected by a fire to identify and prioritize values, communicate concerns, help to validate current strategy, participate in the incident decision-making process, and keep their leadership and stakeholders informed.

Affected jurisdictions will also be notified of significant incident-related events including but not limited to:

- Increase or decrease in complexity
- Incident status change
- Incident strategy change
- Recordable injury or accident
- Significant property damage
- An animal is killed in defense of life or property
- Initiation of an investigation or cost recovery action



Fire behavior picked up on the Globe Fire (#235) as seen in this photo taken at 2:49 p.m. on June 27, 2024. BLM AFS photo



The Globe Fire burns along a ridge near Globe Creek on June 28, 2024. BLM AFS photo

Questions?

WFDSS Policy & Initiating Decisions

All federal wildfires require published WFDSS Decisions when they:

- Escape initial attack; or
- Exceed initial response; or
- Include objectives with both protection & resource benefit elements
- Additional Agency-specific direction/policy for WFDSS requirements

In addition, Alaska wildfires require published WFDSS Decisions when:

- A non-standard response (AIWFMP) is taken on a fire in a federal protection area, or lands within federal jurisdiction are affected by the fire.
- At the request of any of the protecting or jurisdictional agencies affected by the fire.
- Wildfire complexity is Type 3 or above and a federal agency is involved.

Who is responsible for initiating a WFDSS Decision?

Individual jurisdictions are responsible for determining whether a WFDSS decision is needed for a fire that affects or is likely to affect their lands. Any affected Jurisdictional or Protecting Agency may initiate the decision process.

However, ...

Required to provide approved Decision for incoming IMTs (Type 3 or above complexity) for all fires with federal involvement.

If another jurisdiction has not already taken the lead, the **Jurisdictional Agency at the point of origin** (or AFS if the POO falls on ANCSA lands) is responsible for ensuring that a decision is coordinated.

Who Participates in & Approves a WFDSS Decision?

Collaborative Effort:

- All Jurisdictional Agencies within the Planning Area: Identify values of concern, strategic objectives & management requirements.
- Protecting Agency: Develop implementable, fiscally responsible course of action that meets objectives & complies with management requirements.
- Fiscal Representative: BLM AFS for fires on Native Allotments and/or FWS, NPS and ANCSA lands within DOF protection areas AND State of Alaska for fires on State lands in federal protection areas.
- Other Support (if needed): Duty Officers, GAEs, SOPLs, DSC, Planners, RD&A, RIST

Basic Steps for Initiating a WFDSS Decision:

1. Request analysis (if needed)
2. Verify/Create a Planning Area
3. Identify & contact affected agencies
4. Conduct an initial strategy meeting with affected partners
5. Edit & Publish a Decision that will document the outcome of the strategy meeting.

Questions?

FSPro 7-Day Started 6/27/24

Legend

Incident

Initial Point of Origin

⊗

Planning Area

▭

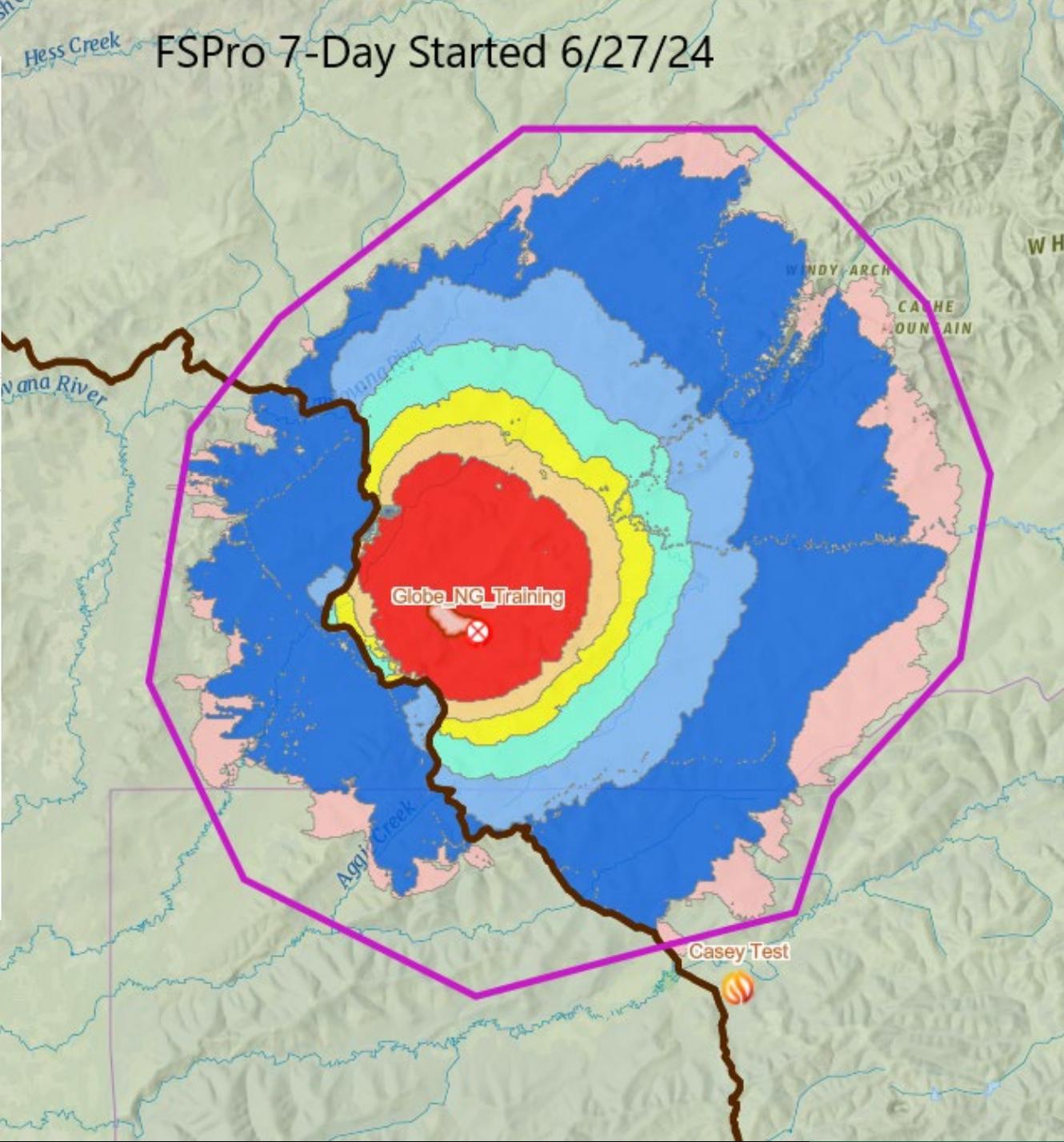
Barrier

■

FSPro Results

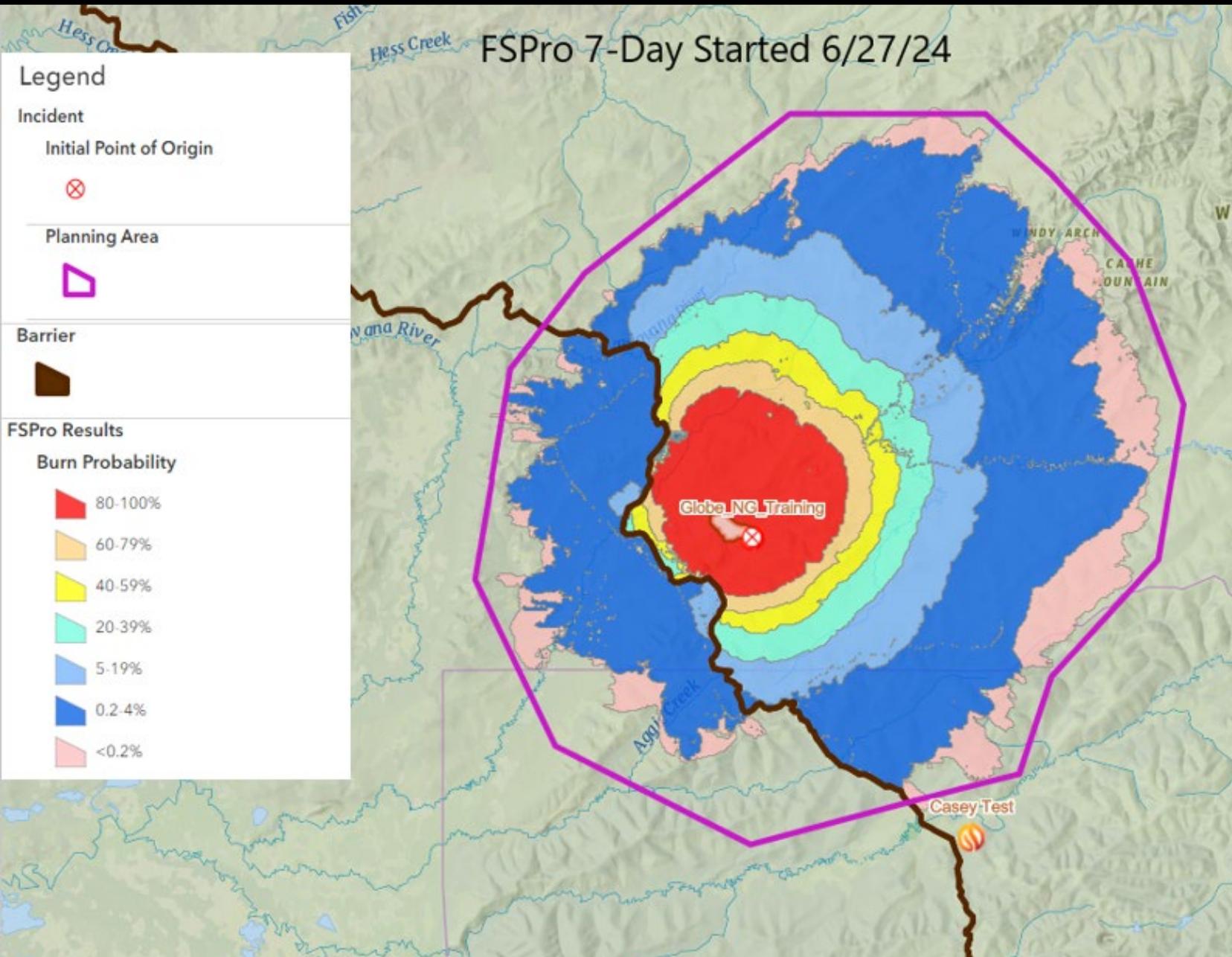
Burn Probability

80-100%
60-79%
40-59%
20-39%
5-19%
0.2-4%
<0.2%



Fire Analysis

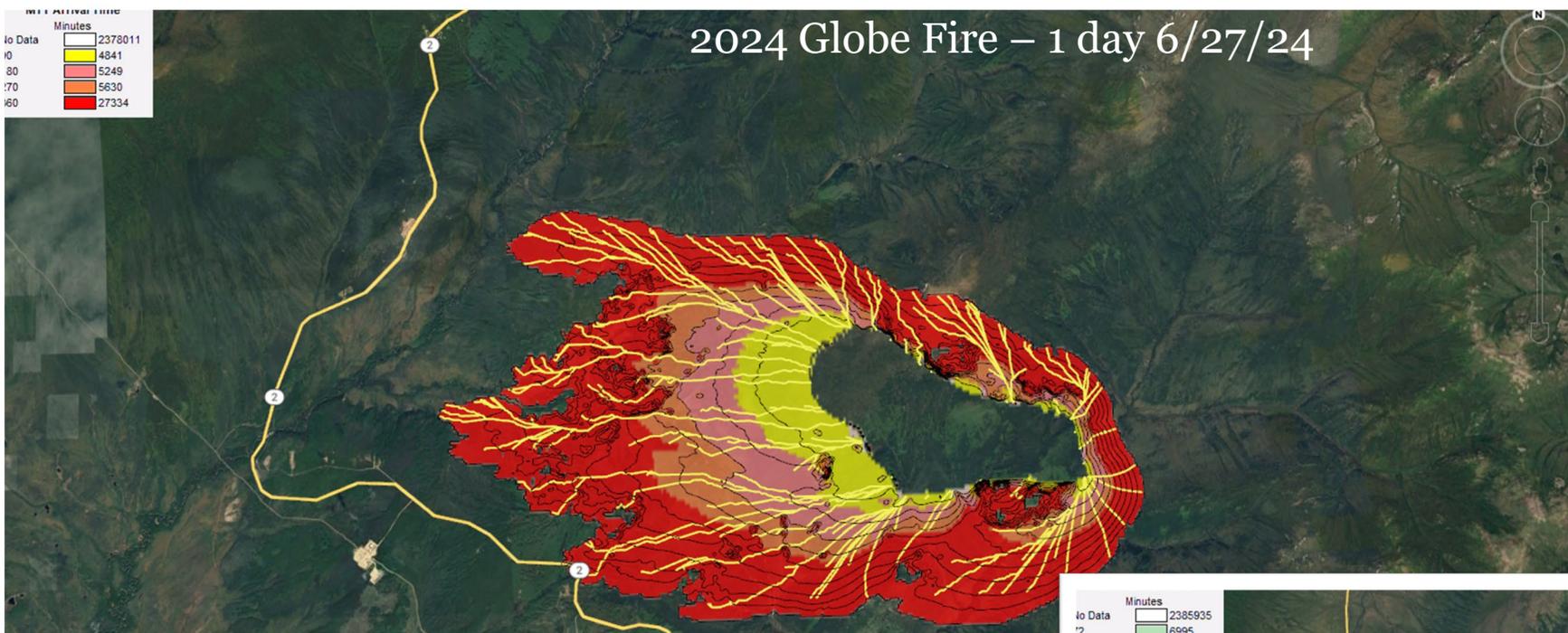
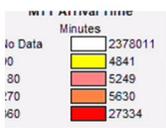
Specifically: spatially modeled computer simulations will assist in decision-making



Fire Spread Probability (FSPro) Analysis

- Probability map of fire occurring
- 7-14 day runs common
- Based on past climate and forecasts
- Strategic decision aid tool

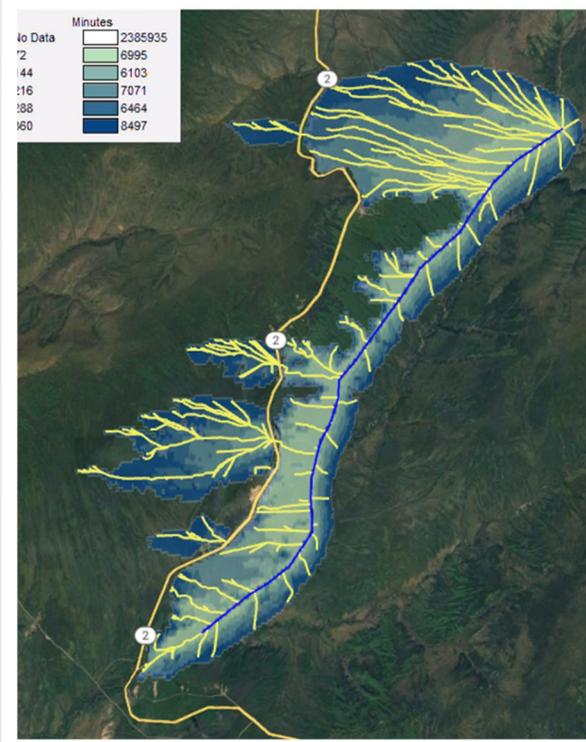
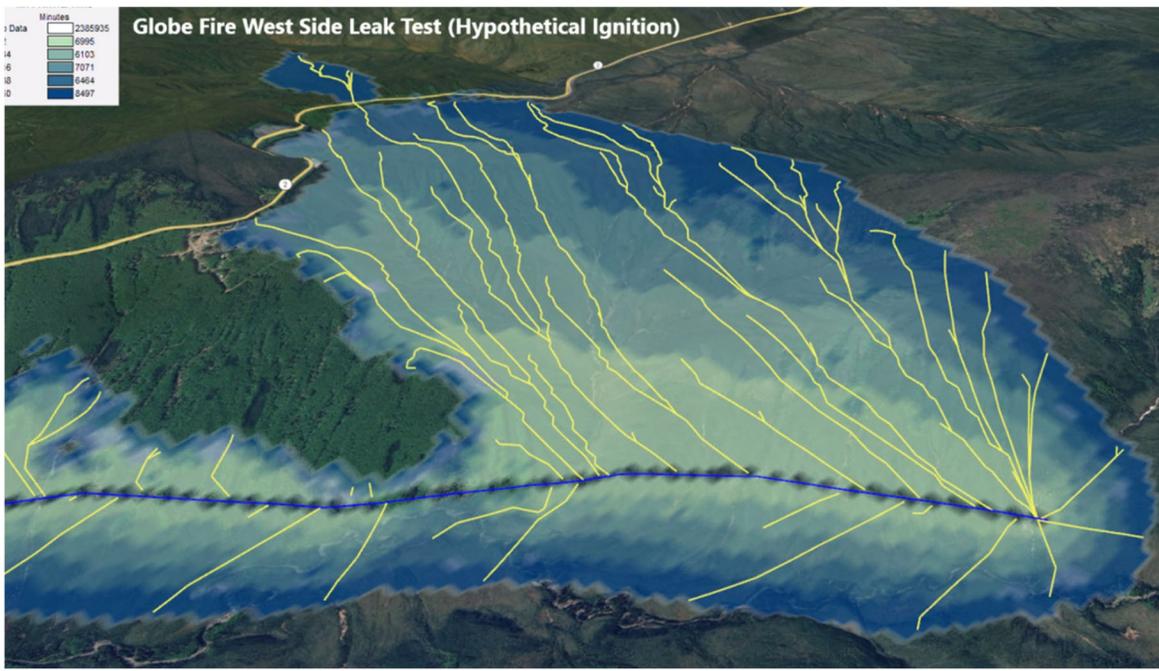
2024 Globe Fire – 1 day 6/27/24

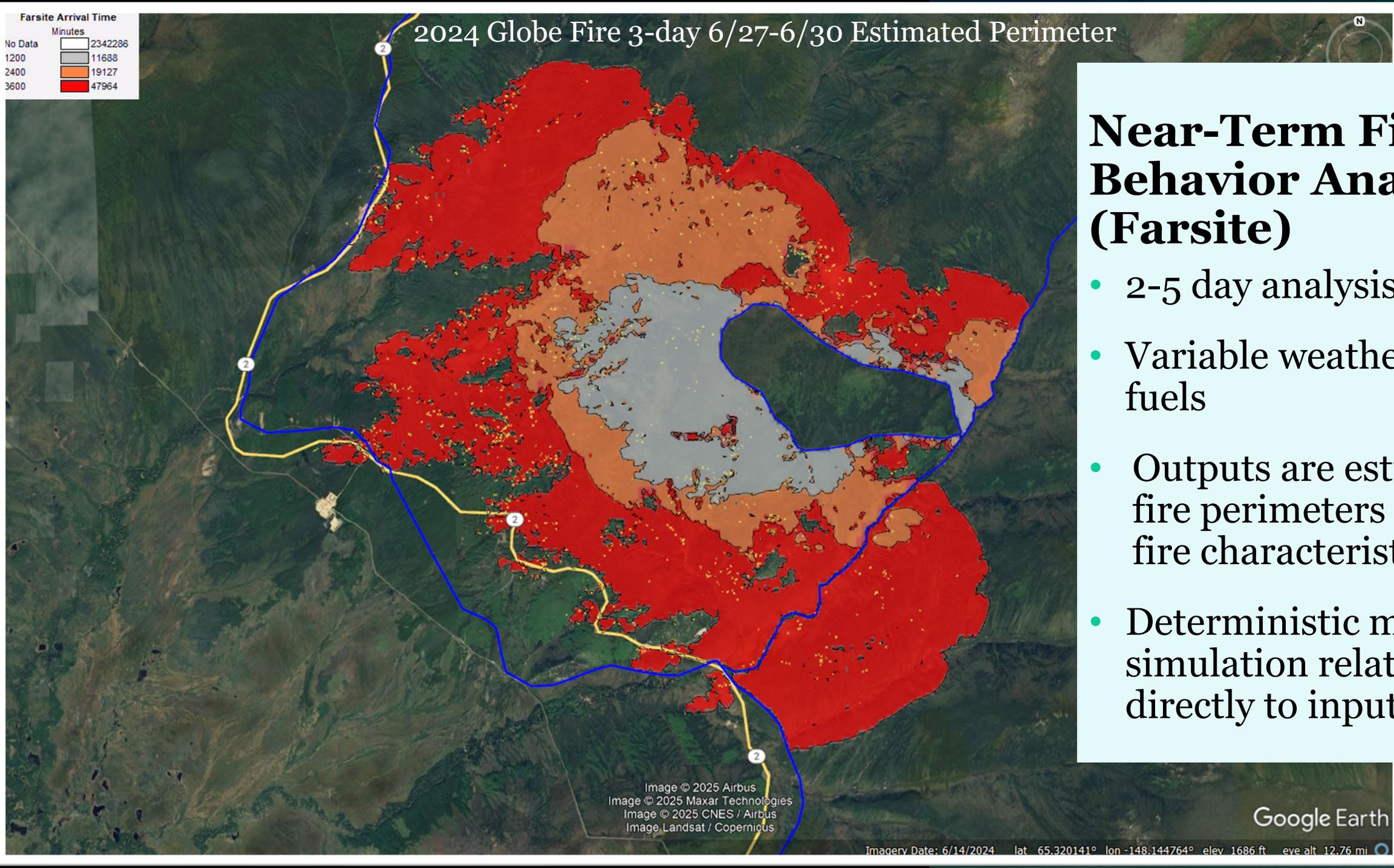


Short-term Fire Behavior Analysis (MTT)

- 1-3 day analysis
- Static wind and weather
- Outputs: fire spread, fire characteristics, Minimum Travel Time
- Same processor as FSPPro

Globe Fire West Side Leak Test (Hypothetical Ignition)





2024 Globe Fire 3-day 6/27-6/30 Estimated Perimeter

Farsite Arrival Time	
Minutes	
No Data	2342286
1200	11688
2400	19127
3600	47964

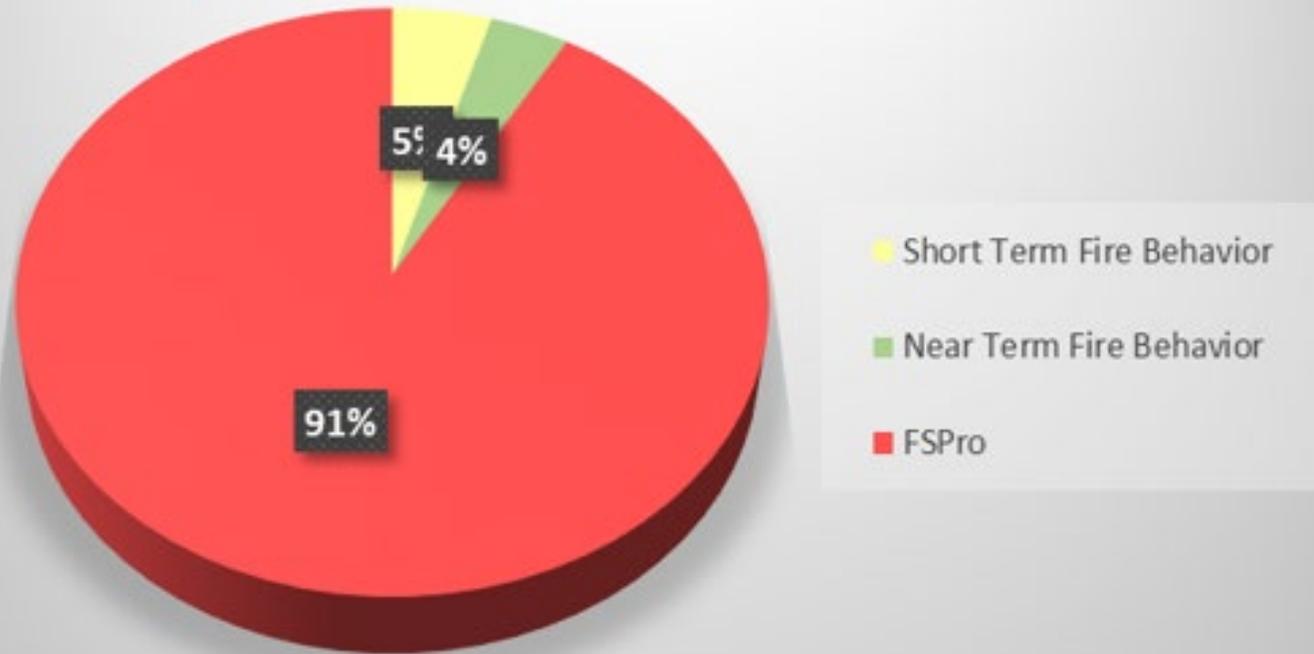
Near-Term Fire Behavior Analysis (Farsite)

- 2-5 day analysis
- Variable weather and fuels
- Outputs are estimated fire perimeters and fire characteristics
- Deterministic model, simulation relates directly to inputs

Image © 2025 Airbus
Image © 2025 Maxar Technologies
Image © 2025 CNES / Airbus
Image Landsat / Copernicus

Google Earth

2024 Completed AK WFDSS Analyses



2024 Analysis Summary

- Incident Information**
- [Alaska Fires](#)
 - [Interagency Newsroom](#)
 - [InciWeb](#)

- Predictive Services**
- [Intelligence / Reports](#)
 - [Maps / Imagery / Geospatial](#)
 - [Fire Weather](#)
 - [Fuels / Fire Danger](#)
 - [Air Quality](#)
 - [Outlooks](#)

- Logistics and Dispatch**
- [Aviation](#)
 - [Crews](#)
 - [Equipment/Supply](#)
 - [Incident Management Teams](#)
 - [Overhead](#)
 - [Out of State Resources](#)
 - [Dispatch Operations](#)
 - [D110](#)

- Administration**
- [Alaska Wildland Fire Response Plan and COVID-19 Library](#)
 - [Statewide Master Agreement](#)
 - [Agency Administrator's Guide](#)
 - [Incident Business Management](#)
 - [AWFCG](#)
 - [AWFCG Committees](#)
 - [MAC Group](#)
 - [CISM and Wellness Resources](#)

Agency Administrator's Guide

[Agency Administrator Library NEW](#)

01_2025 RD&A AA WFDSS Refresher - March 11th

[Link to 2025 RD&A WFDSS Refresher Recording and Other Info](#)

02_2025 ALASKA WFDSS NextGen Training - May 20th 1300-1600

[2025 AA-FMO AK WFDSS NextGen Training Agenda_FINAL](#)

- Training Handouts

- + **Inbriefing-Delegation-Intent**
- + **Master Agreement-Statewide OP-AIWFMP**
- + **Notifications**
- + **Objectives**
- + **Risk**
- **WFDSS**

[02. WFDSS Analyst Request Procedures_2025_FINAL](#)

[02a. Questions To Consider When Requesting Fire Modeling](#)

[2023 Alaska WFDSS Guide v20230503](#)

[2025 AK Statewide Management Requirements](#)

[2025 Alaska Cost Worksheet](#)

[DecisionRationale_TenQuestions_RiskFramework](#)

[New WFDSS Website](#)

+ **Example Decisions (Classic)**

+ **Example Decisions (NextGen)**



SAFENET

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AICC - Alaska Fire Service
P.O. Box 35005
Ft. Wainwright, AK 99703
907.356.5600
907.356.5678 fax



[Get Local Weather](#)

Analysis Requests (Fire Behavior)

1. Determine whether an analysis is needed.
2. Request an analysis:
 - Call AICC Analyst Coordinator: 907-356-5673
 - Email: nperrine@blm.gov
 - Contact an analyst who is familiar with the area

Options for Requesting an Analysis:

1. Protecting or Jurisdictional Agency fire managers can directly contact an analyst who is familiar with their area. The analyst will then contact the analyst coordinator at AICC to inform them that the assignment has been accepted (907-356-5673). If the analyst coordinator is not available, the AICC Deputy Center Manager or designee will serve as the secondary analyst coordinator (907-356-5680).

OR

2. Protecting or Jurisdictional Agency fire managers can request an analyst through the analyst coordinator at AICC (907-356-5673). If the analyst coordinator is not available, the AICC Deputy Center Manager or designee will serve as the secondary coordinator (907-356-5680). The analyst coordinator will go through the list of Alaska analysts in **Table 1**. Once an assignment is accepted, the assigned resource will contact the requestor for additional information about the fire. The form [Questions to Consider When Requesting Fire Modeling](#) provides detailed information that will assist with analysis. It is available on the AICC website in the [Agency Administrator's Guide](#) section (under the Agency Administrator Library > C. WFDSS > Alaska WFDSS).

Analysis Requests and Alaska Pool

Table 1. Alaska WFDSS Fire Behavior Specialists by Agency. LTAN/FBAN qualifications are also noted.

Agency	Name	Email	Cell Phone
BIA	Chris Friar	christopher.friar@bia.gov	907-205-6605
BIA	Tom St. Clair (LTAN/FBAN)	thomas.stclair@bia.gov	907-978-0104
BLM AFS	Casey Boespflug*	cboespflug@blm.gov	907-482-0055
BLM AFS	Nate Perrine (FBAN/LTAN(t))	nperrine@blm.gov	907-483-0496
BLM AFS	Graham Worley-Hood*	gworleyhood@blm.gov	907-356-5880
FWS	Lisa Saperstein	lisa_saperstein@fws.gov	907-202-2732
NPS	Chris Moore (LTAN/FBAN)	christopher_moore@nps.gov	907-482-0161
NPS	Jennifer Barnes	jennifer_barnes@nps.gov	907-244-9073
NPS	Brian Sorbel	brian_sorbel@nps.gov	907-244-9054
NPS	Keith Mitchell*	keith_mitchell@nps.gov	907-242-4555
NPS	Casey O'Connor (FBAN/LTAN(t))	casey_oconnor@nps.gov	907-615-0187
USFS	Eric Morgan (FBAN)	eric.morgan@usda.gov	208-290-6020

*Mentee WFDSS fire behavior specialist

Questions to Consider When Fire Modeling

- Give as much information as you know.
- Communicate your intent to the analyst, they can help determine the right tool.

Incident Information

- [Alaska Fires](#)
- [Interagency Newsroom](#)
- [InciWeb](#)

Predictive Services

- [Intelligence / Reports](#)
- [Maps / Imagery / Geospatial](#)
- [Fire Weather](#)
- [Fuels / Fire Danger](#)
- [Air Quality](#)
- [Outlooks](#)

Logistics and Dispatch

- [Aviation](#)
- [Crews](#)
- [Equipment/Supply](#)
- [Incident Management Teams](#)
- [Overhead](#)
- [Out of State Resources](#)
- [Dispatch Operations](#)
- [D110](#)

Administration

- [Alaska Wildland Fire Response Plan and COVID-19 Library](#)
- [Statewide Master Agreement](#)
- [Agency Administrator's Guide](#)
- [Incident Business Management](#)
- [AWFCG](#)
- [AWFCG Committees](#)
- [MAC Group](#)
- [CISM and Wellness Resources](#)

Agency Administrator's Guide

[Agency Administrator Library NEW](#)

01_2025 RD&A AA WFDSS Refresher - March 11th

[Link to 2025 RD&A WFDSS Refresher Recording and Other Info](#)

02_2025 ALASKA WFDSS NextGen Training - May 20th 1300-1600

[2025 AA-FMO AK WFDSS NextGen Training Agenda_FINAL](#)

- **Training Handouts**

- + **Inbriefing-Delegation-Intent**
- + **Master Agreement-Statewide OP-AIWFMP**
- + **Notifications**
- + **Objectives**
- + **Risk**
- **WFDSS**

[02. WFDSS Analyst Request Procedures_2025_FINAL](#)

[02a. Questions To Consider When Requesting Fire Modeling](#)

[2023 Alaska WFDSS Guide v20230503](#)

[2025 AK Statewide Management Requirements](#)

[2025 Alaska Cost Worksheet](#)

[DecisionRationale_TenQuestions_RiskFramework](#)

[New WFDSS Website](#)

+ **Example Decisions (Classic)**

+ **Example Decisions (NextGen)**



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Incident Information

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- [AWFCG Committees](#)
- [MAC Group](#)

Agency Administrator's Guide

[Agency Administrator Library NEW](#)

[2024 AA-FMO WFDSS Refresher - May 9th 0900-1200](#)

[2024 AA-FMO WFDSS Refresher Agenda_DRAFT 04-19](#)

[2024 Interagency AA WFDSS Refresher Recording](#)

- Refresher Handouts

- + [Inbriefing-Delegation-Intent](#)
- + [Lost Horse Creek Examples](#)
- + [Master Agreement-Statewide OP-AIWFMP](#)
- + [Notifications](#)
- + [Objectives](#)
- + [Risk](#)
- [WFDSS](#)

[02a. Questions To Consider When Requesting Fire Modeling](#)

[2023 Alaska WFDSS Guide v20230503](#)

[2024 Statewide Management Requirements](#)

[2024 WFDSS Analyst Request Procedures](#)

[East_Fork_061022_1251_Decision](#)

[Kwethluk_042622_1533_Decision](#)

[Lost Horse Creek WFDSS 2023-08-04](#)



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Questions to Consider When Fire Modeling

Fire Growth Models in WFDSS

Analysis	Short-Term Fire Behavior (STFB)	Near-Term Fire Behavior (NTFB)	Fire Spread Probability (FSPro)
Duration	1 to 3 burn periods	3 to 5 days	7 to 14 days
Weather	Daily, constant weather, wind, & fuel moisture*	Hourly, variable weather, wind, & fuel moisture	*plus, ERC seasonal trend & artificial time series
Principal Output(s)	Major flow paths; arrival times	Perimeter growth	Probability surface

Example Question	Best Analysis Tool
What is the probability the fire will reach the village?	FSPro
Do you think the fires will reach the proposed indirect line before the crews can complete it?	STFB or NTFB
We have 65 fires after a lightning bust- can you help us prioritize them?	FSPro
Will the fire spot over the river? If so, when, and where?	STFB
Today the fire ran about 12 miles. Tomorrow the same conditions are predicted. Where do you think it will be by the end of the day?	STFB

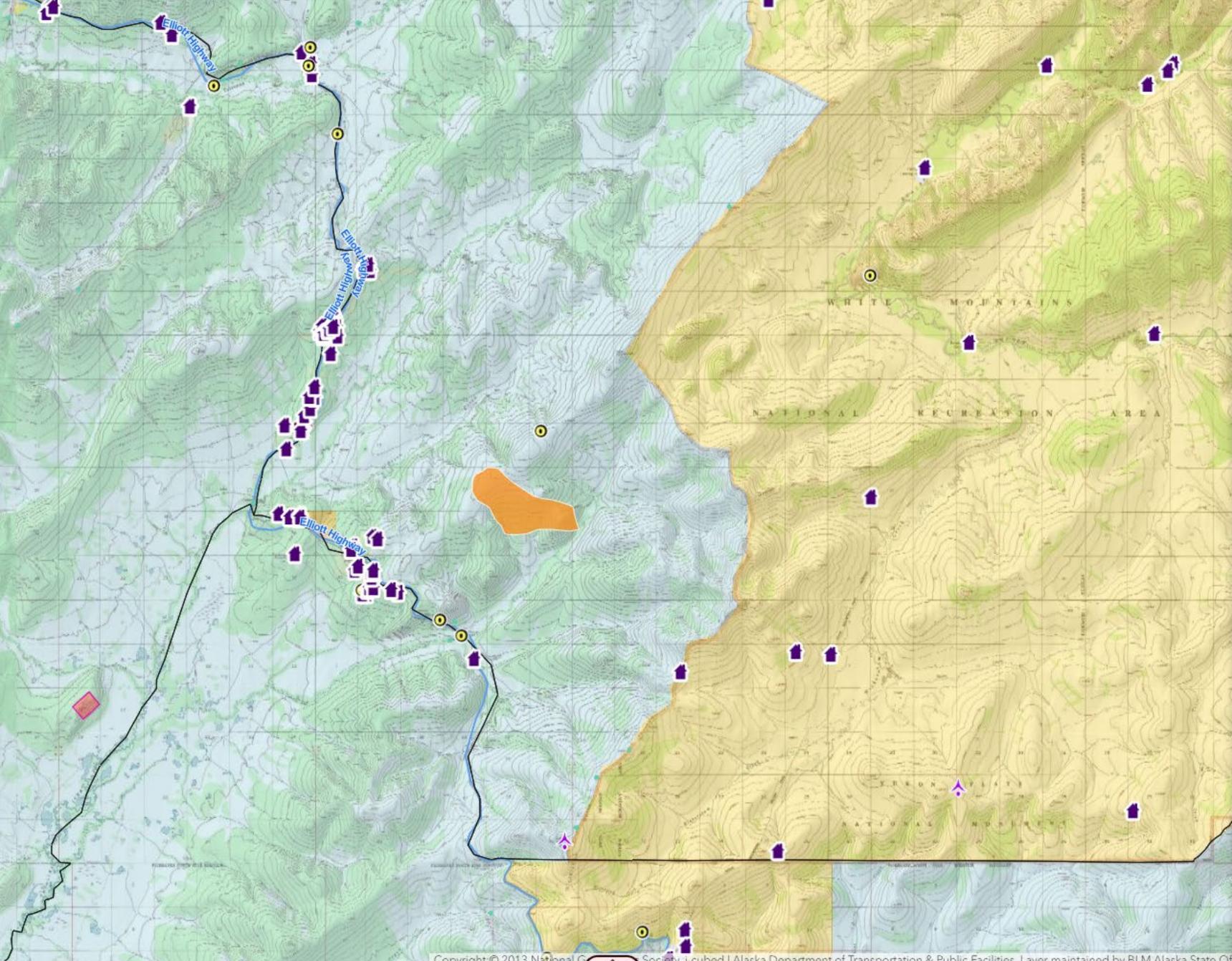
Questions?

Find Fire or Location



65°27.317'N 148°25.733'W

2 mi



Legend

Values | Risk Assessment

Alaska Known Sites-Category

- Structure
- Mining Camp/Equipment
- Camp
- Communications
- RAWS
- Other

Native Allotments

- Restricted
- Pending

AK Special Management Areas

- [Symbol]

Jurisdictions | Boundaries

Protecting Agencies (Generalized)

- [Symbol]

AK Wildland Fire Jurisdictions

- BLM
- NPS
- USFS
- USFWS
- Military
- Other Federal



Wildland Fire Decision Support System (WFDS) Guide for Alaskans

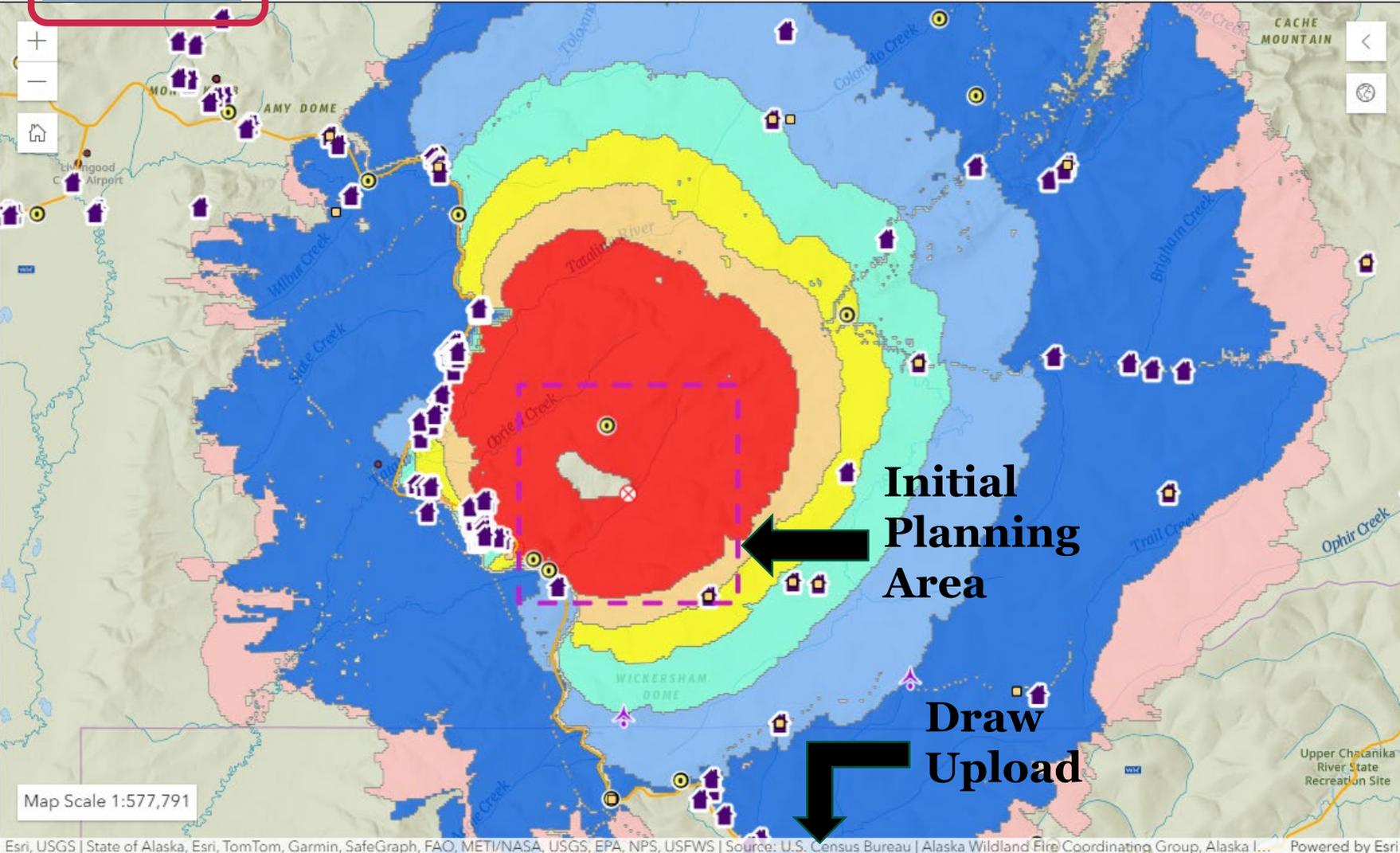
May 1, 2023

Not updated for 2025 & WFDS NextGen Yet....

Many concepts still apply

Contents

- Introduction..... 1**
- WFDS Preparedness Activities..... 1**
 - Request Accounts/Roles 1**
 - Author.....1
 - Viewer.....1
 - Dispatcher1
 - Data Manager.....2
 - Fire Behavior Specialist or Super Analyst.....2
 - Geographic Area Editor (GAE).....2
 - Ensure Accounts/Passwords current 2**
 - Validate/Update Unit Strategic Direction 3**
 - Attend a WFDS Refresher 3**
 - Activation of a Decision Support Center 3**
- WFDS Decision Development 4**
 - When is a WFDS Decision Required? 4**
 - Who should participate in Alaska WFDS Decision development?..... 4**
 - Who approves a WFDS Decision in Alaska?..... 5**
 - Steps for developing a WFDS Decision 6**
 - Initial Strategy Meeting 6**
- WFDS Decision Components 6**
 - Request a Fire Behavior Analysis..... 6**
 - Situation Tab 7**
 - Create a Planning Area.....7
 - Identify Decision Participants & Grant Incident Privileges.....7
 - Identify Values within the Planning Area8
 - Incident Map.....8
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 - Probability:.....12
 - Organization Assessment12**
 - Implementation Difficulty:12
 - Socio/Political Concerns13
 - Objectives.....14**
 - Incident Objectives & Requirements14
 - Course of Action16**
 - Management Action Points17**
 - Rationale (Decision Summary)17**



Developing a Planning Area

- Incident Info tab
- Can be a simple box or a complex polygon
- WFDSS auto-generates initial Planning Area: 7 mi x 7 mi square (pink dashed line)
- Draw polygon or upload shape



DRAW POLYGON

- Planning Area 2
- Unpublished Perimeters
- User Defined Strategic Shapes
- User Defined Course of Action Shapes
- Landscape Extent
- Ignition

3

DRAW POLYGON

OR

UPLOAD SHAPE

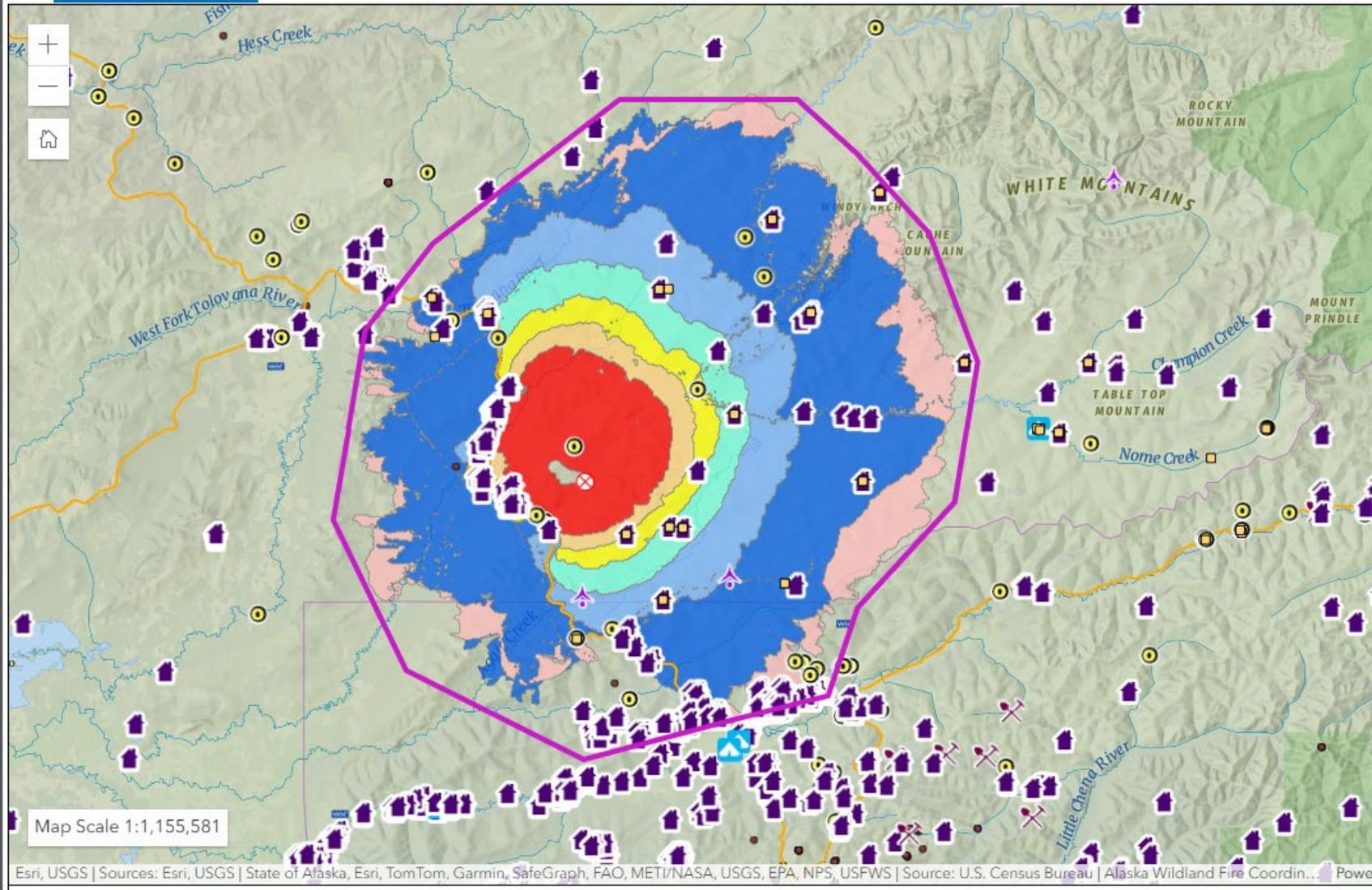
- Planning Area 2
- Unpublished Perimeters
- User Defined Strategic Shapes
- User Defined Course of Action Shapes
- Ignition
- Barrier

BROWSE FILES Choose .zip file to upload 3

UPLOAD

1

UPLOAD SHAPE



Planning Area Extent

- Identify jurisdictional agencies
- Important to Strategy Tab
- Pulls information from data in Spatial Fire Planning Service & Generates Spatial Inventory (SI)
- One determinant for when need a new decision – spread beyond the planning area

Organization & Complexity Decision Approval/As >

Incident Info **1** **Fire Area**

Spatial Inventory (SI)

Feature Layer * **2**
Planning Area

Feature Name * **3**
Current

4 **GENERATE SI**

FEATURE LAYER 5	FEATURE NAME	DATE GENERATED
Planning Area	Current	05/19/2025, 08:47
Initial Planning Area	Default	04/17/2025, 14:14

1 - 2 of 2

Items per page: 10

Firefighter Safety

Weather

Organization & Complexity Decision Approval/As >

Incident Info **Fire Area**

Spatial Inventory (SI)

Spatial Inventory

[Planning Area - Current - 05-19-2025]

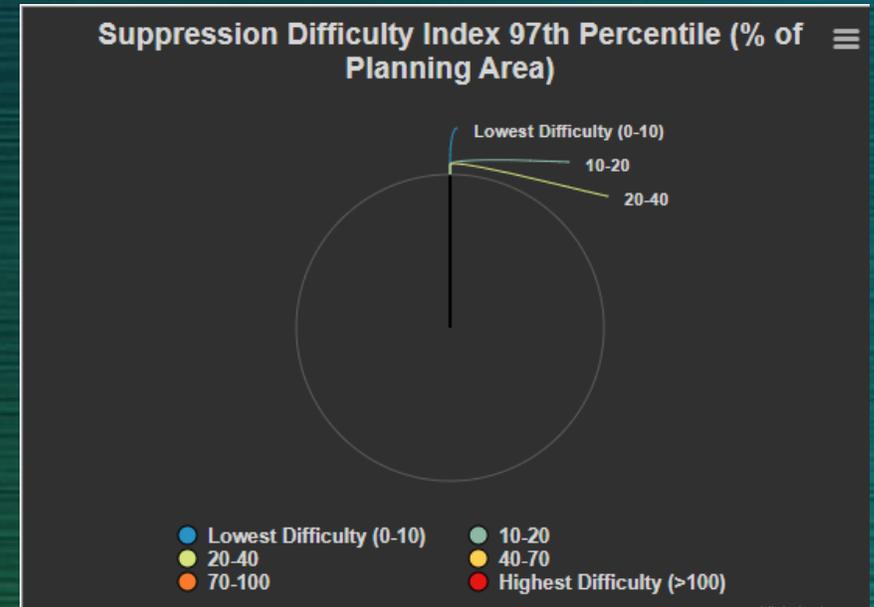
Failed Layers

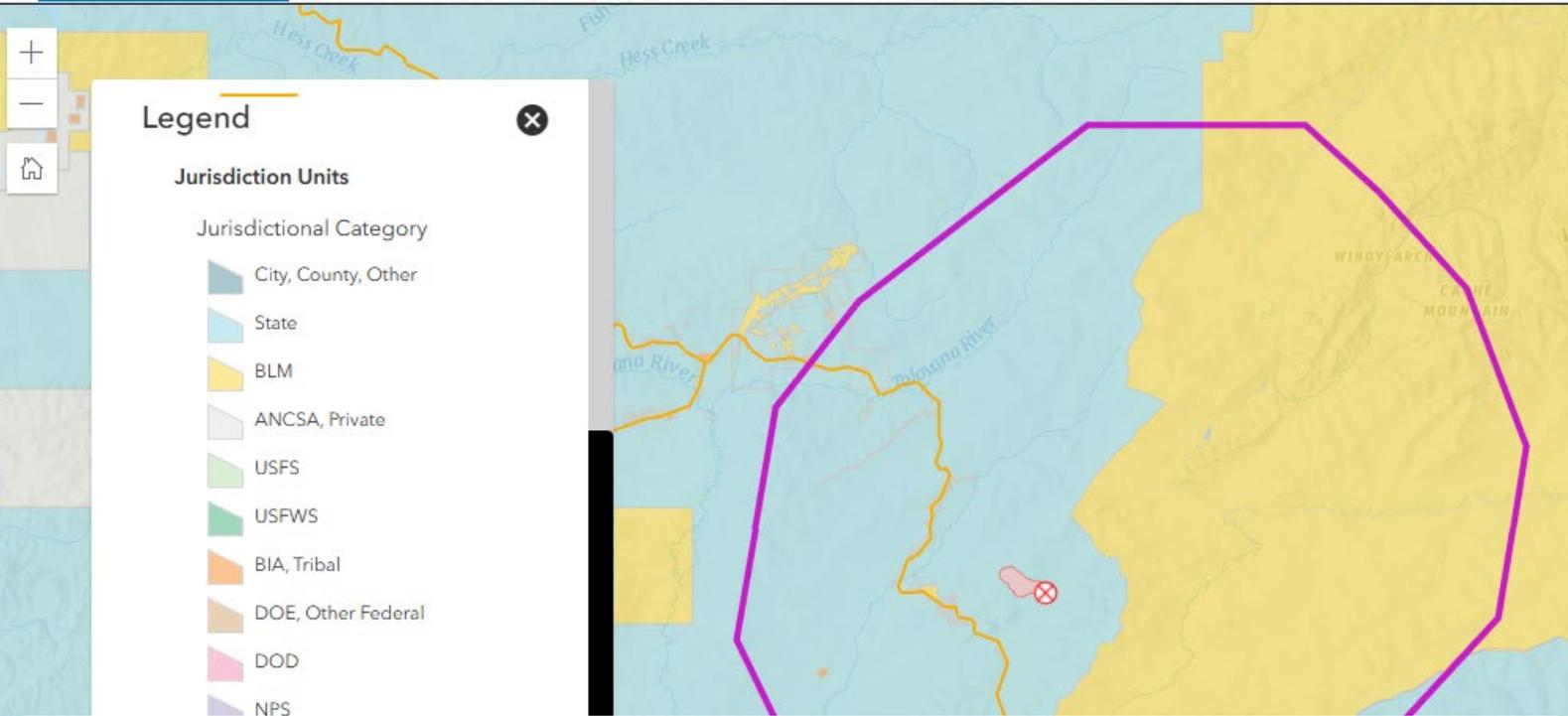
Layers With No Data

DATA LAYER GROUP	LAYER NAME	SUMMARY ATTRIBUTE	VALUE	UNIT
Boundaries	Protection Agency	State	170,434	Acres
Boundaries	Protection Agency	BLM	601,004	Acres
Infrastructure - Facilities	BLM Buildings		33	Count
Infrastructure - Facilities	USA Structures (FEMA)	Residential	113	Count
Infrastructure - Facilities	USA Structures (FEMA)	Unclassified	54	Count
Infrastructure - Facilities	Alaska Known Sites	Undesignated	217	Count
Infrastructure - Facilities	Alaska Known Sites	Critical	54	Count

Generate Spatial Inventory (SI)

- Need to Generate SI when change your planning area
- Makes a list of all data items (EX: 54 Critical Values from AKSD)
- Firefighter Safety - SDI





Boundaries	Jurisdiction Units	State	419,985 Acres	54.4
Boundaries	Jurisdiction Units	County	3,729 Acres	0.5
Boundaries	Jurisdiction Units	BIA	490 Acres	0.1
Boundaries	Jurisdiction Units	City	283 Acres	0
Boundaries	Jurisdiction Units	BLM	346,939 Acres	45

Who should be included in the Decision?

- All Jurisdictions within the Planning Area
- Protecting Agency
- Fiscally responsible agencies not already represented

...Will be given the opportunity to participate in the decision process.

Alaska WFDSS Jurisdictional Approval Authorities

Table 6: WFDSS Approval Authorities (Jurisdictional)

Agency	DOI: < \$5 Million ¹ USFS: Type 3,4,5 Incident	DOI: \$5 - \$10 Million ¹ USFS: Type 2 Incident	DOI: > \$10 Million ¹ USFS: Type 1 Incident
State of Alaska jurisdiction (in AK DOF Protection Areas)	Area Forester	Area Forester	Area Forester
State of Alaska jurisdiction (in Federal Protection Zones)	Regional Forester	Regional Forester	Regional Forester
BIA (Native Allotments) in the Fairbanks Agency (Doyon Region)	Agency Superintendent	BIA Regional Director	BIA Regional Director ²
BIA (Native Allotments) not in the Fairbanks Agency	BIA Associate Regional Director	BIA Regional Director	BIA Regional Director ²
BLM lands	BLM District Manager ³	BLM District Manager ³	BLM District Manager ³
NPS lands	NPS Park Superintendent	NPS Park Superintendent	NPS Park Superintendent
FWS lands	FWS Refuge Manager	FWS Refuge Manager ⁴	FWS Refuge Manager ⁴
ANCSA Corporation lands	AFS Zone FMO	BLM State FMO/AFS Manager	BLM State FMO/AFS Manager
Other Federal and Department of Defense lands	TBD ⁵	TBD ⁵	TBD ⁵
USFS lands	Wildfire Agency Administrator Type 3 (WFA3) ⁶	Wildfire Agency Administrator Type 2 (WFA2) ⁶	Wildfire Agency Administrator Type 1 (WFA1) ⁶

Alaska WFDSS Protecting Approval Authorities

Table 5: WFDSS Approval Authorities (Protecting)

Agency	DOI: < \$5 Million ¹ USFS: Type 3,4,5 Incident	DOI: \$5 - \$10 Million ¹ USFS: Type 2 Incident	DOI: > \$10 Million ¹ USFS: Type 1 Incident
DOF Protection	Regional FMO	Regional FMO	Regional FMO
BLM AFS Protection	BLM AFS Zone FMO	BLM State FMO/AFS Manager	BLM State FMO/AFS Manager
USFS Protection	Wildfire Agency Administrator Type 3 (WFA3) ²	Wildfire Agency Administrator Type 2 (WFA2) ²	Wildfire Agency Administrator Type 1 (WFA1) ²

Alaska WFDSS Additional Fiscal Approval Authorities

Table 7: WFDSS Approval Authorities (Fiscal)

Agency	< \$5 Million ¹	\$5 - \$10 Million ¹	> \$10 Million ¹
State of Alaska jurisdictions in Federal protection zones	Regional FMO	Regional FMO	Deputy Director (Fire)
FWS, NPS, BIA (Native Allotments) & ANCSA jurisdictions in AK DOF protection areas: (FAS, DAS, TAS)	BLM AFS Military Zone FMO	BLM State FMO/AFS Manager	BLM State FMO/AFS Manager
FWS, NPS, BIA (Native Allotments), & ANCSA jurisdictions in USFS or AK DOF protection areas: (KKS, CRS, MSS, SWS)	BLM AFS South Zone Fire Management Specialist	BLM State FMO/AFS Manager	BLM State FMO/AFS Manager

Incident Privileges: Classic vs NextGen

CLASSIC (old)	NextGen (new)	NextGen Description
Owner	POC (Point of Contact)	Defaults to who started the decision. MUST BUILD the Collaborator List. (Don't start a decision then leave!!)
Editor; Reviewer	Collaborator	Manage the Collaborators list, edit decision content, create or upload incident and analysis shapes and request analyses. Can also be POC and/or Approver.
N/A	Fire Behavior Analyst	Collaborate on any incident without being added (implicit collaborator). Assist in managing the Collaborator list for any incident.
Approver	Approver	Added to Collaborator List. Check approver box but... MUST self-certify in user profile first!! (Can have multiple approvers on list. Only one can approve decision - Jurisdictional Agency at POO)

Build Collaborators List

Incident Info Fire Area **Collaborators**

^ Collaborators List

POC

O'Connor, Casey

Collaborator(s)

Boespflug, Casey
Barnes, Jennifer
Perrine, Nathan
Sorbel, Brian
Finley, Darren
Hrobak, Jennifer
O'Connor, Casey

Fire Behavior Analyst(s)

Approver(s)

Edit Collaborators

POC Enter Name for each Collaborator – [ADD & SAVE:](#)

- Each Jurisdictional Agency Rep
- Each Protecting Agency Rep
- Each Fiscal Rep
- Anyone else assisting with the decision

^ Edit Collaborators

Collaborator Name *

POC Approver

[Optional:](#) Change the POC – Only have one
[REQUIRED:](#) Add Approvers (must be self-certified in user profile to activate the check box)

Initial Strategy Meeting

- Identify & introduce partners
- Describe current situation and discuss fire potential
- Identify values (Political, Security, Economic, Social, Infrastructure, Information)
- Discuss Risks
- Develop Draft Objectives & Constraints
- Discuss Strategy & Course of Action alternatives and their relative costs
- Discuss incident complexity & management organization
- Assign incident privileges, delegate decision tasks, and establish timelines

Questions?

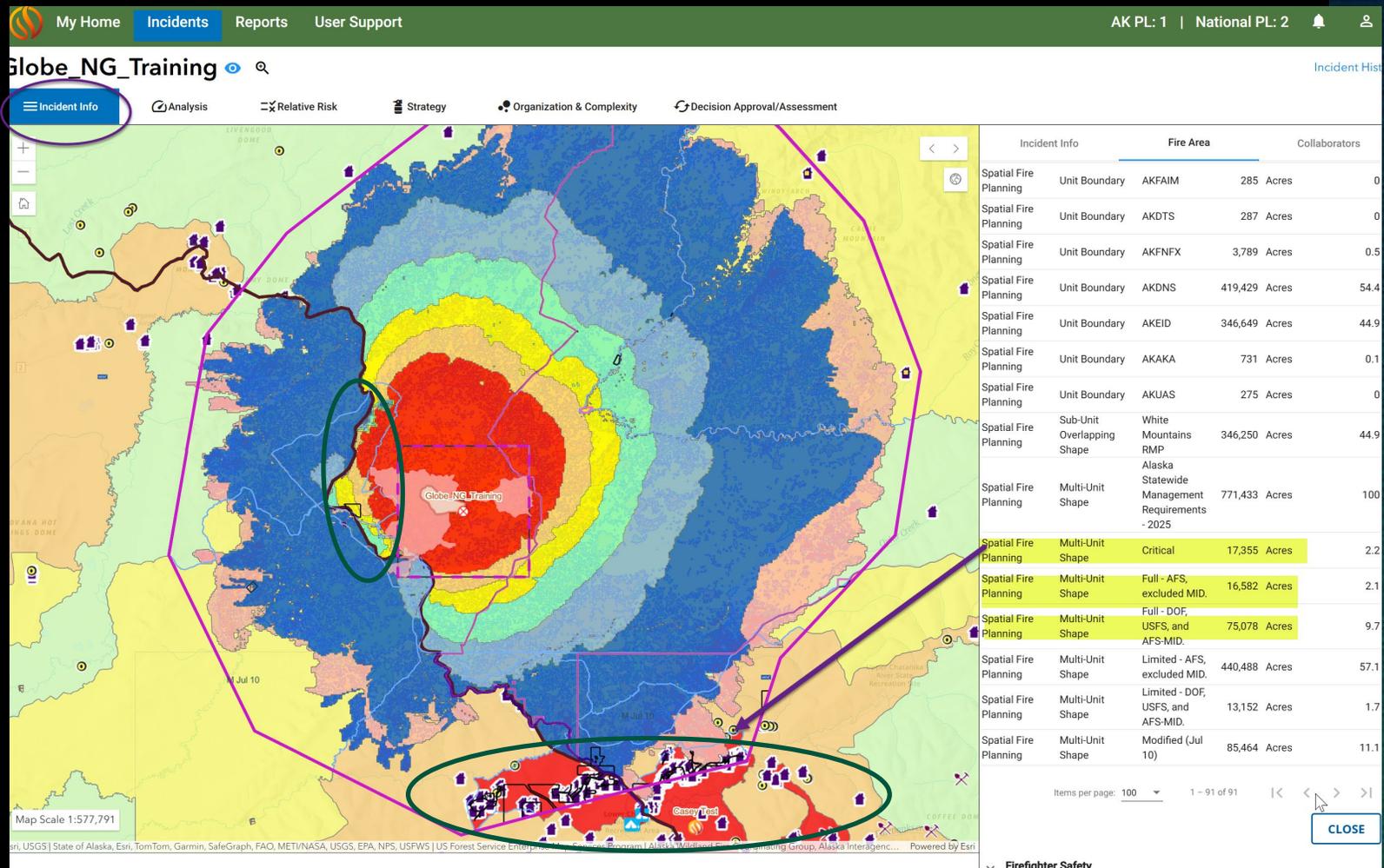
Break

Part B: Relative Risk Assessment

Values				Notes/Mitigation
<u>B1. Infrastructure/Natural/Cultural Concerns</u> Based on the number and kinds of values to be protected, and the difficulty to protect them, rank this element low, moderate, or high. Considerations: key resources potentially affected by the fire such as urban interface, structures, critical municipal watershed, commercial timber, developments, recreational facilities, power/pipelines, communication sites, highways, potential for evacuation, unique natural resources, special-designation areas, T&E species habitat, cultural sites, and wilderness.	L	M	H	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<u>B2. Proximity and Threat of Fire to Values</u> Evaluate the potential threat to values based on their proximity to the fire, and rank this element low, moderate, or high.	L	M	H	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<u>B3. Social/Economic Concerns</u> Evaluate the potential impacts of the fire to social and/or economic concerns, and rank this element low, moderate, or high. Considerations: impacts to social or economic concerns of an individual, business, community, or other stakeholder; other fire management jurisdictions: tribal subsistence or gathering of natural resources; air quality regulatory requirements; public tolerance of smoke; and restrictions and/or closures in effect or being considered.	L	M	H	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Hazards				Notes/Mitigation
<u>B4. Fuel Conditions</u> Consider fuel conditions ahead of the fire and rank this element low, moderate, or high. Evaluate fuel conditions that exhibit high rate of spread (ROS) and intensity for your area, such as those caused by invasive species or insect/disease outbreaks; continuity of fuels; low fuel moisture.	L	M	H	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<u>B5. Fire Behavior</u> Evaluate the current fire behavior and rank this element low, moderate, or high. Considerations: intensity; rates of spread; crowning; profuse or long-range spotting.	L	M	H	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<u>B6. Potential Fire Growth</u> Evaluate the potential fire growth, and rank this element low, moderate, or high. Considerations: Potential exists for extreme fire behavior (fuel moisture, continuity, winds, etc.); weather forecast indicating no significant relief or worsening conditions; resistance to control.	L	M	H	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Probability				Notes/Mitigation
<u>B7. Time of Season</u> Evaluate the potential for a long-duration fire and rank this element low, moderate, or high. Considerations: time remaining until a season ending event.	L	M	H	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<u>B8. Barriers to Fire Spread</u> If many natural and/or human-made barriers are present and limiting fire spread, rank this element low. If some barriers are present and limiting fire spread, rank this element moderate. If no barriers are present, rank this element high.	L	M	H	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<u>B9. Seasonal Severity</u> Evaluate fire danger indices and rank this element low/moderate, high, or very high/extreme. Considerations: energy release component (ERC); drought status; live and dead fuel moistures; fire danger indices; adjective fire danger rating; preparedness level.	L/M	H	VH/E	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Enter the number of items selected for each column.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Relative Risk

- Values
- Hazards
- Probability

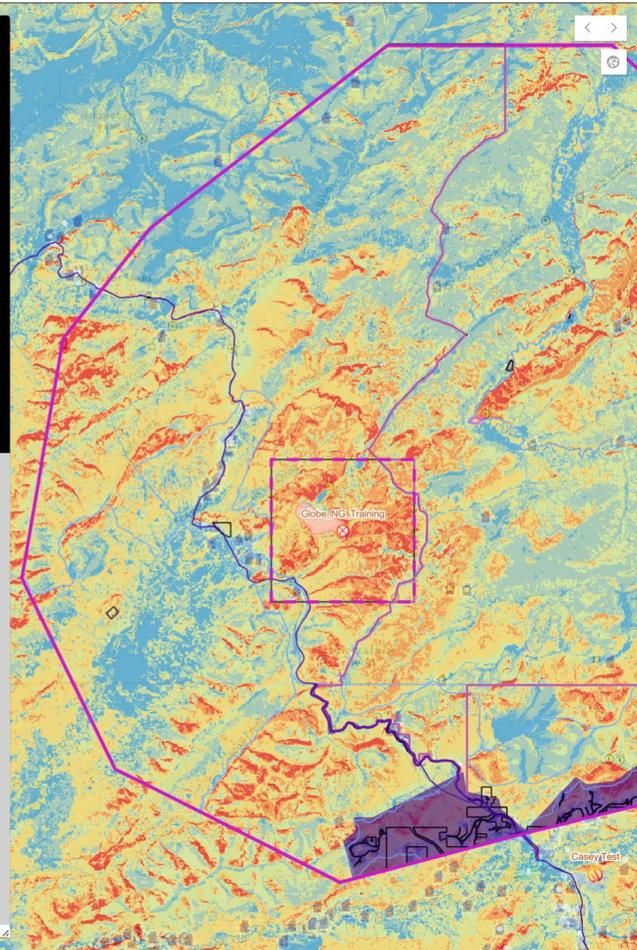


Relative Risk

- Values
- Hazards
- Probability

Layer List

- Incident
- Analysis
- National Incident Reference
- Fire Safety
 - Housing Unit Density CONUS 2024
 - Population Density (people/sqkm)
 - Estimated Ground Evacuation Time V2 (2024)
 - Potential Control Location
 - Suppression Difficulty Index (SDI)
 - Suppression Difficulty Index (SDI) 80th Percentile
 - Suppression Difficulty Index (SDI) 90th Percentile
 - Suppression Difficulty Index (SDI) 97th Percentile
 - Suppression Difficulty Index (Alaska)
 - Snow Hazard
 - Lessons Learned Histomap
 - National Risk Assessment (Assets and Drinking Water cNVC)
- Fire Environment and Weather
 - RAWs Stations
 - RAWs Stations (Wind)
 - Heat Detections
 - Severe Fire Weather Potential (SFWP)
 - Energy Release Component (ERC)
 - Burning Index (BI)
 - Fire Weather Zone Forecasts



Alaska is entering the peak of the season and most of the areas indices are nearing record levels which is indicative of the observed fire behavior. We are entering the peak of fire season, and most of the area's indices are nearing record level which is indicative of the observed fire behavior.

Potential Fire Growth

- Low Moderate High

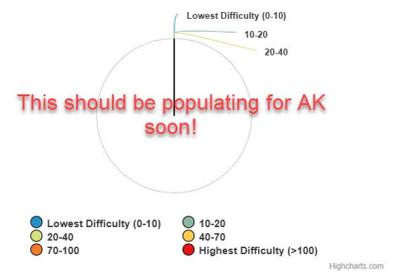
Potential Fire Growth Narrative

PARAGRAPH

The predicted high-pressure system over central and eastern Alaska is aligned to be present for the next several days, and within that time frame is the potential for more lightning. Alaska is currently in a PL 4 and likely to move to a PL 5, nationally it is PL 3, resources are available but that could change as other regions/GACCs become active.

Suppression Difficulty Index

Suppression Difficulty Index 97th Percentile (% of Planning Area)



Highest difficulty (>1.0) zones represented in red are "watch out" situations where engagement is likely to be very challenging given the combination of potential fire behavior, fuel types fuels, difficult terrain, and lack of access. Low difficulty zones represented in blue indicate areas where some combination of reduced potential for dangerous fire behavior, light surface fuels, relative ease of access, and low slope conditions make suppression actions easier.

- Values
- Relative Risk Rating

SAVE CANCEL

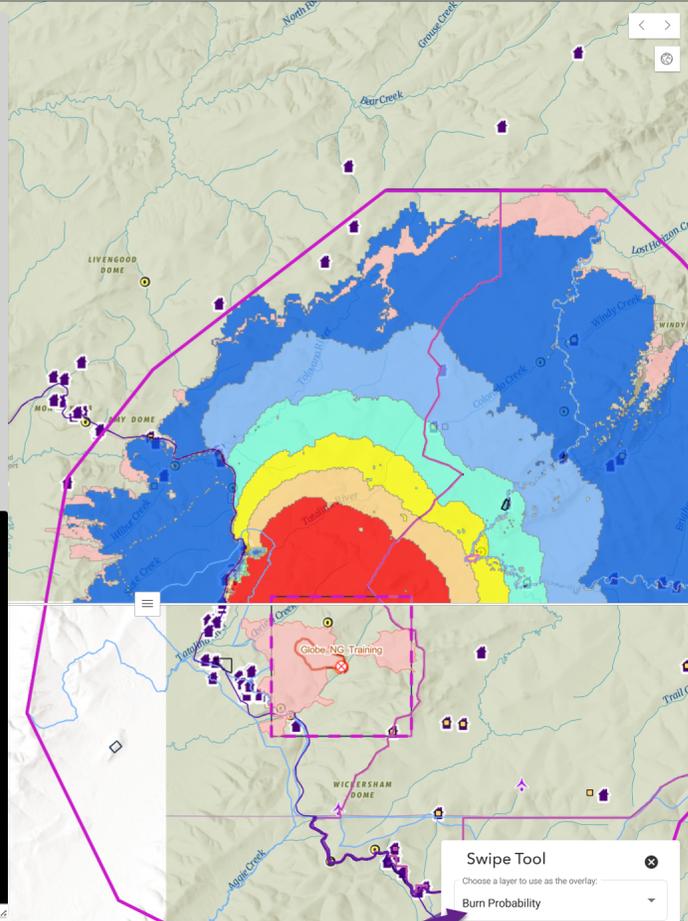
Ready for Publication

Relative Risk

- Values
- Hazards
- Probability

Layer List

- MTT Results
There are currently no items to display.
- FARSITE Results
There are currently no items to display.
- National Incident Reference
- Fire Safety
- Fire Environment and Weather
- Boundaries
- Designated Areas
- Disturbance History - Historical Fire Perimeters
- Disturbance History - Burn Severity (MTBS)
- Disturbance History - Fuel Treatments
- Infrastructure - Facilities
- Infrastructure - Utilities and Transportation
- Infrastructure - Recreation
- Natural and Cultural Resources - Habitat
- Natural and Cultural Resources - Air Quality
- Resource Management Considerations
- Operational Fire Planning
- Spatial Fire Planning
- Elevation (Dynamic)
- Landfire Data



Part B: Relative Risk

▼ **Probability**

▼ **Hazards**

^ **Values**

Infrastructure/Natural/Cultural Concerns ⓘ

Low Moderate High

Infrastructure/Natural/Cultural Concerns Narrative

← → PARAGRAPH B I U ↵ AI

Communities in the Critical area in the south of the Planning Area.

Elliott Hwy and associated infrastructure along it.

Fossil (115) - Nearest value is 3 miles west of the fire at the junction of Fossil Creek and Limestone Gulch. Fossil fire has not shown heat in several days. Noodor (192) - Nearest value is a cabin 4.5 miles to the southwest. Noodor is showing growth to the north and south as heat signatures as of 6/28. Slate (Fire 248) - Slate 248 fire has grown into the Iver fire 249. The Slate fire has crossed the Tatalina river and moving to the south-southeast. A Native Allotment is approximately 1 mile northeast of the perimeter. Iver (Fire 249) - Several values are near the southwest side of the Iver fire within 1.5 miles of the current perimeter. Globe (Fire 253) - Numerous values are threatened along Elliott Highway on the south side of the fire. The fire has crossed Elliott Highway and has moved southwest down Globe Creek. The fire has crossed Globe Creek on the eastern edge of the current fire perimeter. Tatalina (292) - Nearest Values are under a mile to the west. Tatalina fire is not currently showing heat signatures. Smoke impacts will affect the air quality and visibility, limiting the use of aviation resources for suppression and logistical support. Smoke concerns may not be able to be mitigated, additionally it could impact transportation of resources as well as for the public. The planning area is large involving several agencies with numerous values at risk. There are native allotments, highways, residences, structures, a critical Trans Alaska Pipeline (TAPS) pump station, communication sites within the planning area. It is likely that there are values not specifically identified in this decision, that may require protection, including but not limited to permitted cabins, fish camps, RAWs, radio repeaters, and mines with and without equipment. Social Economic Concerns.

Proximity and Threat of Fire to Values ⓘ

Low Moderate High

Proximity and Threat of Fire to Values Narrative

← → PARAGRAPH B I U ↵ AI

Communities / infrastructure along Elliott Hwy to the West of the incident are likely (80-100%) to be impacted by the fire in the next week.

The communities within the area designated Critical in the south of the Planning Area are much less likely to be impacted within the next week (<5%)

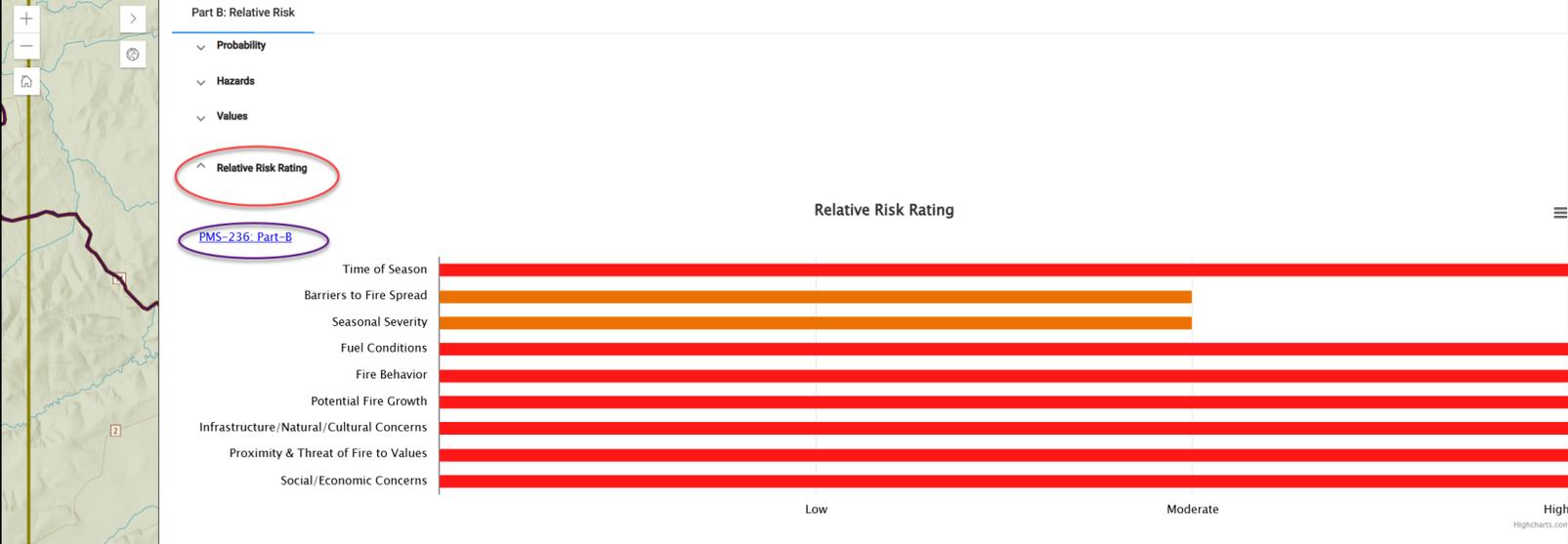
The fires are burning near several communities and within 30 miles of Fairbanks, numerous allotments, remote cabins and lodges, and mine operations, pump station and are therefore likely to generate interest from several agencies and individuals. During the summer months visitors and residents in the area increase. Closure of the Elliott and Dalton Highways impact the delivery of fuel, equipment and materials to the north slope oil fields. The highway is a vital transportation link. There are also a number of commercial tour operators that rely on the Elliott and Dalton Highways to conduct tours between Fairbanks, the Arctic Circle, Coldfoot, and Prudhoe Bay.

Social/Economic Concerns ⓘ

Ready for Publication

Relative Risk

- Values
- Hazards
- Probability



Relative Risk Rating

PMS-236_Part-B

Rating	Tally	Relative Risk Rating Recommendation
Low	0	Majority of the items are Low, with a few items marked Moderate and/or High
Moderate	2	Majority of the items are Moderate, with a few items marked Low and/or High
High	7	Majority of the items are High, with a few items marked Low or Moderate

Relative Risk Rating

Low Moderate High

Relative Risk Rating Narrative *

PARAGRAPH

Fire and Fuels Indices: Indices at the Livengood RAWs are Extreme with BUI of 122 and FFMC at 93. Indices at the Chatanika RAWs are Very High with BUI 96 and FFMC at 90. Many of the values are located along the Elliott Highway, Chatanika River and within the White Mountains National Recreation Area. Alaska is entering the peak of fire season, and most of the area's indices are nearing record levels which is indicative of the observed fire behavior. The predicted high-pressure system over central and eastern Alaska is aligned to be present for the next several days, and within that time frame is the potential for more lightning some of which could be dry. Alaska is currently in a Planning Level 4 and likely to move to a PL 5 within the next week if conditions do not moderate, with the National Planning Level at 3, resources are available but that could change as other regions/GACCs become active. Native Allotments, Alaska "Known Sites", Pump Stations and communication facilities within the planning area are the primary values at risk. Most of the values are located along the Elliott Highway, Tanana River, lakes and road corridors where they exist. We are entering the peak of fire season, and most of the area's indices are nearing record level which is indicative of the observed fire behavior. The predicted high-pressure system over central and eastern Alaska is aligned to be present for the next several days, and within that time frame is the potential for more lightning. Alaska is currently in a PL 4 and likely to move to a PL 5, nationally it is PL 3, resources are available but that could change as other regions/GACCs become active.

Relative Risk

- Values
- Hazards
- Probability

Questions?

My Home Incidents Reports User Support AK PL: 1 | National PL: 2

Globe_NG_Training

Incident Info Analysis Relative Risk **Strategy** Organization & Complexity Decision Approval/Assessment

Strategic Assessment Strategic Course of Action Cost

Create/Edit Strategic Assessment

Strategic Assessment Name

Strategic Assessment Narrative

Feature Layer Feature Name

Feature Language / Description

Category

Protection Objective

Include in Decision
 Highlight in Decision
 Critical Value at Risk

NEW SAVE CANCEL

Strategic Assessments

Filter Strategic Assessments

Included in Decision

DELETE	STRATEGIC ASSESSMENT NAME	DATE EDITED	CATEGORY	CVAR RISK RATING
DELETE	Incident Requirements - All from Iver	05/19/2025, 11:33	Incident Requirement	
DELETE	Elliot Hwy Corridor	05/19/2025, 11:28	Social/Economic Concern	
DELETE	Incident Objectives - All from Iver	05/19/2025, 11:33	Incident Objective	
DELETE	Elliot Hwy Corridor-Tourism and Infrastructure	05/19/2025, 11:41	Protection Objective	Extremely High

Items per page: 10 1 - 4 of 4

Order of Strategic Assessments included in Decision

Ready for Publication

Strategy – 3 Sub Tabs

- Strategic Assessment
- Strategic Course of Action
- Cost

Create/Edit Strategic Assessment

Strategic Assessment Name *
Elliot Hwy Corridor- Tourism and Infrastructure

Strategic Assessment Narrative *

Elliot Hwy Corridor is very important for local tourism
Also, most infrastructure situated along this road system
Implement strategies and tactics that minimize fire and smoke impacts along this road system

Feature Layer
User Defined Strategic Shapes

Feature Language / Description

Category *
Protection Objective

Include in Decision
 Highlight in Decision
 Critical Value at Risk

Impact Severity *
Critical

Probability of Impact *
Almost Certain (FSPro 60-100%)

Risk Rating
Extremely High

At Risk Because Of *
Potential Fire Behavior

NEW SAVE CANCEL

Strategic Assessments

Filter Strategic Assessments
Included in Decision

DELETE	STRATEGIC ASSESSMENT NAME	FEATURE LAYER	FEATURE NAME	STRATEGIC ASSESSMENT NARRATIVE	CATEGORY	RISK RATING	SEVERITY OF IMPACT	PROBABILITY OF IMPACT	AT RISK BECAUSE OF...	DATE EDITED	EDITOR
DELETE	Incident Requirements - All from Iver	Planning Area	Current	These fires are both in remote locations with long	Incident Requirement					05/19/2025, 11:33	User ID: 81
DELETE	Elliot Hwy Corridor	User Defined Strategic Shapes	Elliot Hwy	Elliot Hwy is important for tourism in this area.	Social/Economic Concern					05/19/2025, 11:28	User ID: 81
DELETE	Incident Objectives - All from Iver	Planning Area	Current	Firefighter and public safety are the highest valu	Incident Objective					05/19/2025, 11:33	User ID: 81
DELETE	Elliot Hwy Corridor- Tourism and Infrastructure	User Defined Strategic Shapes	Steese Highway	Elliot Hwy Corridor is very important for local to	Protection Objective	Extremely High	Critical	Almost Certain (FSPro 60-100%)	Potential Fire Behavior	05/19/2025, 11:41	User ID: 81

Strategic Assessment

- Can use Incident Specific Requirements and Objectives (like in classic)
- Or take more focused, CVAR/ISAP Approach.
- All SA's need to be spatially represented
- Not all need to be included in Decision

Connection between types of Objectives and Incident Requirements

Protection Objective

Prevent loss of forage within grazing allotment

Protect subdivision XYZ (3 miles north of current perimeter)

Incident Objective

Minimize size and duration...

Minimize impacts to industries reliant on recreation tourism

Incident Requirement

Do not use heavy equipment in MA 3

Use fish screens when drafting in coho habitat

Strategic Assessment

- Avoid Objectives that are overly generic or conflict with other direction.
- Explain the “Why”
- Protection Objective is typically more pointed than an Incident Objective (tied to a portion of fire)
- Requirements are typically tied to policy

Strategic Assessment: Conclusion

WFDSS Classic – Objectives

SO/MR

- ▲ Come from SFP – LMRP/Fire management plan data within WFDSS.
- ▲ Managed by Data Managers and WFM RDA.
- ▲ Updated once a year, pre-season.
- ▲ Get pulled into the decision based on planning area.

IO/IR

- ▲ User created in ADDITION to SO and MR.
- ▲ Can be associated with a shape

WFDSS NextGen – Strategic Assessment

MUS, UB, SUNOS, SUOS, OUS

- ⊗ Come from SFP – LMRP/Fire management plan served by the Spatial Fire Planning Service
- ⊗ Managed by local unit.
- ⊗ Updated on demand
- ⊗ Get pulled into the decision based on planning area (Listed in Appendix A)

IO/IR

- ⊗ User created tiered to SFP Shapes, PODS, and User created shapes.
- ⊗ Can be categorized beyond IO and IR.
- ⊗ Can tie into ISAP through CVAR

Strategic Course of Action

- Identify how to achieve Incident and Protection Objectives

- Name the Course of Action and select the appropriate ICS209 Strategy

- Add language to describe:

- Course of Action

- Fire Situation

- Desired outcome

- Strategic Comparison to Alternate actions considered

- Strategy Constraints

- Stakeholders included in the decision

The screenshot displays the 'Globe_NG_Training' web application interface. The top navigation bar includes 'Incident Info', 'Analysis', 'Relative Risk', 'Strategy' (highlighted), 'Organization & Complexity', and 'Decision Approval/Assessment'. The main content area is divided into several sections:

- Layer List:** A sidebar on the left with various map layers, including 'Infrastructure - Facilities', 'Infrastructure - Utilities and Transp', 'Infrastructure - Recreation', 'Natural and Cultural Resources - Habitat', 'Natural and Cultural Resources - Air Quality', and 'Resource Management Considerations'.
- Legend:** A central legend showing symbols for fire perimeters (Wildfire, Prescribed Fire), National Infrared Operations (NIROPS) IR Heat Perimeter, Infrastructure - Facilities (USFS Buildings, BLM Buildings, NPS Buildings, USA Structures (FEMA), Alaska Known Sites), and Resource Management Considerations (Aquatic Retardant Avoidance Areas, Terrestrial Retardant Avoidance Areas, Alaska Fire Management Options).
- Map:** A central map showing a fire perimeter and various infrastructure points. A 'Globe_NG_Training' label is visible on the map.
- Strategic Course of Action Summary:** A section on the right showing a pie chart titled 'Percent of Planning Area' with categories: Full Suppression (orange), Confine (blue), Point Protection (yellow), Monitor (purple), and Not Defined (grey). A 'REFRESH STRATEGY LAYER' button is present.
- Table:** A table below the pie chart showing suppression strategies and their percentages.
- Reported Strategy:** A section for creating/editing a strategic course of action, including fields for 'Strategic Course of Action Name' (Limited - Modified) and 'Suppression Strategy' (Point Zone Protection).

Incident Info Analysis Relative Risk **Strategy** Organization & Complexity Decision Approval/Assessment

Layer List

- Incident
 - Initial Point of Origin
 - Planning Area
 - Feature Names
 - Current
 - Initial Planning Area
 - Incident Perimeters
 - Strategic Assessment(s)
 - Strategic Course of Action
 - User Defined Course of Action Shapes
 - Feature Names
 - Elliot Hwy CVAR - COA
 - AK FM Options - Critical - CVAR - COA
 - Potential Operation Delineations (PODs)
 - Feature Names
 - Sub-Unit Overlapping Shape
 - Feature Names
 - USAKEID: White Mountains RMP
 - White Mountains RMP
 - Sub-Unit Non-Overlapping Shape
 - Feature Names
 - Unit Boundary
 - Feature Names

Strategic Assessment Strategic Course of Action Cost

Strategic Summary

Percent of Planning Area

Point Protection

Full Suppression Confine Monitor Not Defined

Highcharts.com

REFRESH STRATEGY LAYER

SUPPRESSION STRATEGY	% OF PLANNING AREA	% OF PLANNING AREA DEFINED STRATEGIES ONLY	% OF BURNED AREA
Confine	0%	0%	0%
Full Suppression	2.8%	2.8%	0%
Monitor	0%	0%	0%
Point Zone Protection	97.3%	97.3%	100%
Not Defined	0%	0%	0%

Items per page: 10 1 - 5 of 5

Reported Strategy

Create/Edit Strategic Course of Action

Strategic Course of Action Name: Suppression Strategy

Feature Layer: Ready for Publication

Strategic Course of Action

- MAPs are no longer in WFDSS
- Using spatially tied Course of Action(s) can be used to accomplish the same purpose MAPs were used for in the past (where or what triggers a change in Suppression Strategy)

Strategic Assessment Strategic Course of Action

SUPPRESSION STRATEGY	% OF PLANNING AREA	% OF PLANNING AREA DEFINED STRATEGIES ONLY
Confine	0%	0%
Full Suppression	2.8%	2.8%
Monitor	0%	0%
Point Zone Protection	97.3%	97.3%
Not Defined	0%	0%

Reported Strategy

Do not Report Strategy / Defer to 209 for Strategy

	WFDS Reported	IRWIN Reported
Monitor	0 %	N/A
Confine	0 %	N/A
Point Zone Protection	0 %	N/A
Full Suppression	0 %	N/A

Map Scale 1:577,791

Esri, USGS | S... Powered by Esri

Ready for Publication

Strategic Course of Action

- If you are unable to fulfill a course of action, reassess incident Strategy
- Create as many Strategic Courses of Action as needed to address Incident and Protection Objectives
- Ensure actions being implemented are in Decision
- As incident changes, review/ update / remove actions as needed
- Strategies will be reported to IRWIN unless you check “Do Not Report” box

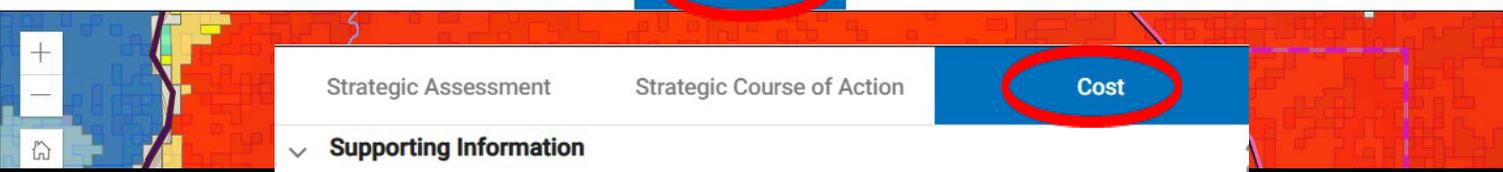
Strategic Course of Action: Conclusion

WFDSS Classic – COA

- ▲ One or Several COA implied to be tied to the Planning Area
- ▲ Slider to help describe Suppression Strategy
- ▲ Used in combination with MAPs to describe the actions to accomplish the COA

WFDSS NextGen – COA

- 🌀 One or several COA explicitly tied to Planning Area, SFP Shapes, PODS, or user created Strategic COA Shapes.
- 🌀 No MAPs, Your COAs are your MAPs.
- 🌀 Suppression Strategy Dropdown Matching the NWCG Strategies
- 🌀 Multiple required and optional narrative fields.
- 🌀 Ability to report NWCG Suppression Strategy to IRWIN
- 🌀 Ordered list to help determine a single COA/Strategy for any one point.
- 🌀 Strategic Summary



Strategic Assessment Strategic Course of Action **Cost**

Supporting Information

Estimated Final Incident Cost

Estimated Final Cost: \$7,000,000 Cost Estimation Method: Historical Costs

IRWIN Estimated Cost to Date: N/A

Last Reported IRWIN Estimated Cost to Date
 Source: N/A
 Date & Time: N/A

Cost Estimation Narrative

← → PARAGRAPH B I U = AI A

Cost estimation is based on current cost, as well as anticipated costs associated with mobilization and demobilization of IMTs, complex logistical support and aviation usage.

DOWNLOAD NWCG COST SPREADSHEET DOWNLOAD ISAP COST ESTIMATOR

SAVE CANCEL

Estimated Final Cost

- Based on current and expected courses of action, approved strategy
- Provide comments on how estimate was arrived at
- Include cost estimator or other supporting cost reference, when available
- Estimated Final Cost Thresholds/WFDSS Approval Authority in Alaska

2. Incident Cost Threshold Notifications

Jurisdictional cost threshold notification requirement will be identified in WFDSS decisions (separate from the final cost estimate) and/or Delegations of Authority. Protecting Agencies will inform Jurisdictional Agencies when cost thresholds are being approached.

a. BLM Cost Threshold Notifications

The BLM State FMO/Alaska Fire Service Manager will provide written notification to the BLM State Director when an incident meets or exceeds Federal combined expenditures of \$5 million and more than 50% of the burned acres are managed by DOI and/or ANCSA and to the BLM National Director when an incident meets or exceeds Federal combined expenditures of \$10 million and more than 50% of the burned acres are managed by DOI and/or ANCSA. Notifications should be emailed with a copy to the BLM Fire and Aviation Directorate Assistant Director. Notifications will include the District Manager if BLM lands were burned.

b. NPS Cost Threshold Notifications

NPS Park superintendents will provide written notification to the Regional Director when an incident meets or exceeds Federal combined expenditures of \$5 million in suppression costs, and more than 50% of the burned acres are managed by the NPS. NPS Park superintendents will provide written notification to the Regional and Agency Director when an incident meets or exceeds Federal combined expenditures of \$10 million in suppression costs, and more than 50% of the burned acres are managed by the NPS. Written notifications should be emailed with a copy to the Chief, Branch of Wildland Fire.

c. USFWS Cost Threshold Notifications

Refuge Managers will ensure that written notification is provided to the USFWS Regional Chief of Refuges when the Federal combined expenditures for an incident, or a complex of incidents, meet or exceed \$5 million AND more than 50% of the burned acres are managed by the FWS. When an incident, or a complex of incidents, meets or exceeds federal combined expenditures of \$10 million AND more than 50% of the burned acres are managed by the USFWS, the Refuge Manager will ensure that written notification is provided to the USFWS National Director and the USFWS Regional Chief of Refuges. Notifications should be emailed with a copy to the USFWS Branch of Wildland Fire Chief.

Current Cost Notification Thresholds

- Thresholds identified in the Red Book and the Alaska Statewide Operating Plan
- Based on current Cost-to-Date for the incident as reported in the ICS-209
- Cost Notification Thresholds vs. WFDSS Cost Approval Thresholds (Agency-Specific)

Questions?

Organization & Complexity



Organization & Complexity

Rating	Tally	Recommended Organization
N/A	0	Type 5 - Majority of items rated as N/A; a few items may be rated in other categories.
Low	0	Type 4 - Majority of items rated as Low, with some items rated as N/A, and a few items rated as Moderate or High
Moderate	0	Type 3 - Majority of items rated as Moderate, with a few items rated in other categories.
		Type 2/CIMT - Majority of items rated as Moderate, with a few items rated as High. Use Part D: Functional Complexity to document the need to increase or reduce capacity/positions.
High	0	Type 1/CIMT - Majority of items rated as High; a few items may be rated in other categories. Use Part D: Functional Complexity to document the need to increase or reduce capacity/positions.

Unit Recommended Organization ?

Type 5 Type 4 Type 3 Type 2/CIMT Type 1/CIMT

Unit Recommended Organization Narrative *

← → PARAGRAPH **B** *I* U $\frac{1}{2}$ AI ⋮

Local CIMT and familiar with jurisdictional considerations is recommended to operate in Alaska.

Organization & Complexity



NWCG Wildland Fire Risk and Complexity Assessment, PMS 236

The NWCG Wildland Fire Risk and Complexity Assessment should be used to evaluate firefighter safety issues, assess risk, and identify the appropriate incident management organization based on incident complexity. Assessing risk, determining incident complexity, and identifying an appropriate incident management organization is a subjective process based on examining a combination of indicators or factors, which can change over time. Incident managers should periodically re-evaluate incident complexity and the organization to ensure the incident is managed properly with the right resources.

Instructions:

Agency administrators are responsible for assignment of the appropriate level of management, supervision, and staffing to every wildfire according to the level of complexity. Incident commanders and agency administrators should coordinate on all Parts of the Wildland Fire Risk and Complexity Assessment.

- Part A and B: Complete for all incidents.
- Part C: Complete if the fire exceeds initial attack or will be managed to accomplish resource management objectives.
- Part D: Complete if the recommended organization in Part C is a (CIMT). Agency administrators and incident commanders should discuss the need to increase or reduce capacity/positions.
- Part E: Determine Incident Complexity Level using the Indicators of Incident Complexity. The Incident Complexity Level is used to determine the Recommended Organization.

Part A: Firefighter Safety Assessment

Evaluate the following items, mitigate as necessary, note concerns, mitigations, or other information.

Evaluate these items	Concerns, mitigations, notes
Lookouts, Communication, Escape Routes, and Safety Zones (LCES).	
Fire Orders and Watch Out Situations.	
Multiple operational periods have occurred without achieving initial objectives.	
Incident personnel are overextended mentally and/or physically and are affected by cumulative fatigue.	
Communication is ineffective with tactical resources and/or dispatch.	
Operations are at the limit of span of	

Complexing & Grouping

 Wildland Fire Decision Support System National Preparedness Level: 1 Group: Elliot Highway [Skip to Content](#)

[My Home](#) [Incidents](#) **[Incident Groups](#)** [Analyses](#) [Intelligence](#) [Data Management](#) [Administration](#)

◆ Incident List [Incident Group Privileges](#)

Warning: The forecast weather feed is currently unavailable. We are investigating ways to restore service. In the meantime, analysts will need to manually enter forecast data for fire models.

Edit Group 'Elliot Highway'

Group Information

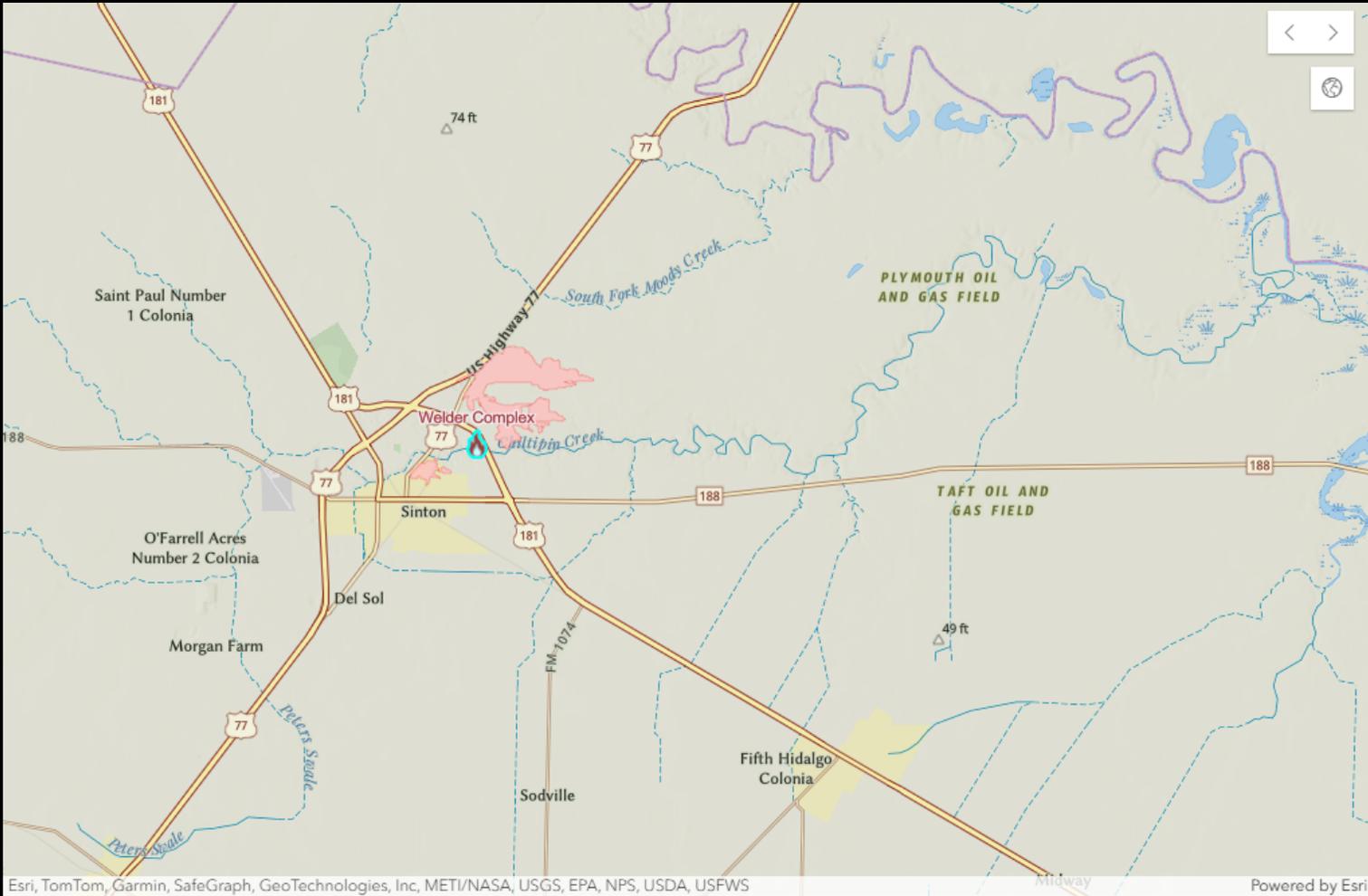
Group Name: Group Type: Public Private

Incidents within group 'Elliot Highway'

[Add Incidents To Group](#) [View Group Map](#) [Download Perimeters](#)

<input type="checkbox"/>	Master	Incident Name	Unique Fire Identifi	State	Size	Discovery	Status	Current Decision	<input type="checkbox"/>
<input type="checkbox"/>		Treasure Creek	2023-AKFAS-3112	Alaska	0.2	07/26/2023	Out 08/14/23		
<input type="checkbox"/>		Sargent Creek	2023-AKFAS-311255	Alaska	33.6	07/26/2023	Out 08/20/23	08/15/2023	<input type="checkbox"/>
<input type="checkbox"/>		Our Creek	2023-AKFAS-311271	Alaska	16.9	07/27/2023	Out 08/14/23		
<input type="checkbox"/>		Olnes Pond	2023-AKFAS-311250	Alaska	2	07/25/2023	Out 08/20/23		
<input type="checkbox"/>		Murphy Creek	2023-AKFAS-311320	Alaska	1.3	08/01/2023	Out 08/20/23		
<input checked="" type="checkbox"/>	✓	Lost Horse Creek	2023-AKFAS-311296	Alaska	9,316	07/28/2023	Out 10/31/23	08/15/2023	<input type="checkbox"/>
<input type="checkbox"/>		F/A Hayes Creek	2023-AKFAS-311266	Alaska	0	07/26/2023	Not Contained		

Complexing & Grouping



The map displays the Welder Complex fire area in a pinkish-red hue, situated near Sinton, Texas. Key features include US Highway 77, US Highway 181, and State Road 188. Water bodies such as South Fork Woods Creek, Callipin Creek, and Peter's Slough are visible. Landmarks include the Plymouth Oil and Gas Field and Taft Oil and Gas Field. The map also shows various colonies and farms, including Saint Paul Number 1 Colonia, O'Farrell Acres Number 2 Colonia, Morgan Farm, and Fifth Hidalgo Colonia. Elevation markers for 74 ft and 49 ft are present. The map is powered by Esri and includes data from Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc., METI/NASA, USGS, EPA, NPS, USDA, and USFWS.

Welder Complex - SACC

Incident Info Fire Area Collabora

Details 🔍

Incident Name: Welder Complex

Discovery Date/Time: 03/05/2025, 02:25 UTC

Incident Size: 580 acres

FS Job Code:

Fire Code:

Unique Fire ID: 2025-TXTXS-250877

IRWIN ID: 9a07bacc-9cd8-4d28-a9fc-dc44c0b08318

Cause: Undetermined

Dispatch Center: [TXTIC - Texas Interagency Coordination Center](#)

GACC: [SACC - Southern Area Coordination Center](#)

Lat: 28° 2.953'

Long: -97° 29.473'

Protecting Unit at Origin: TXTXS - Texas A & M Forest Service

Jurisdictional Unit at Origin: [TXTXS - Texas A & M Forest Service](#)

Landowner Category: [Private](#)

Collaborating Agency(s): None Added

POC: None Assigned

Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc., METI/NASA, USGS, EPA, NPS, USDA, USFWS Powered by Esri

Decision Rationale, Approval and Assessment



Our decision is... Discuss what is allowed in the host jurisdictional unit's land management plan or resource management plan, the probability of being successful, expected duration of the incident, what was considered but rejected, and other pertinent information.

The cooperators involved in sharing the decision process are... Discuss who, why and when.

The values of concern are... Summarize why they are important and the likelihood of there being impacts. These include resource management values, not just infrastructure.

The relative risk assessment and organization needs indicate... Tie to values, highlight expected firefighter exposure, Incident Management Team and jurisdictional unit needs.

The current fire situation is... Describe the area the fire is burning in and the fire environment (behavior, fuels, etc.)

The following triggers would indicate revisions to this decision or that a new decision is needed... Describe low probability/high consequence events, AK WFDSS guidelines.

Rationale

- Summarize all elements of the Decision.
- Explain what decisions were made and why.
- Intent is to clearly communicate and document the "why" for all approvers/reviewers
- Ten Questions – Risk Framework

Decision Rationale | Decision Approval & Assessment

^ **Rationale**

My Leaders Intent is...



 PARAGRAPH
 




 AI
 


Numerous structure and values at risk:Fossil (115) - Nearest value is 3 miles west of the fire at the junction of Fossil Creek and Limestone Gulch. Fossil fire has not shown heat in a while.Noodor (192) - Nearest value is a cabin 4.5 miles to the southwest. Noodor is showing growth to the north and south as heat signatures as of 6/28.Slate (Fire 248) - Slate 248 fire has grown into the Iver fire 249. The Slate fire has crossed the Tatalina river and moving to the south-southeast. A Native Allotment is approximately 1 mile northeast of the perimeter. Iver (Fire 249) - Several values are near the southwest side of the Iver fire within 1.5 miles of the current perimeter.Globe (Fire 253) - Numerous values are threatened along Elliott Highway on the south side of the fire. The fire has crossed Elliott Highway and has moved southwest down Globe Creek. The fire has crossed Globe Creek on the eastern edge of the current fire perimeter.Tatalina (292) - Nearest Values are under a mile to the west. Tatalina fire is not currently showing heat signatures.Smoke impacts will affect the air quality and visibility, limiting the use of aviation resources for suppression and logistical support. Smoke concerns may not be able to be mitigated, additionally it could impact transportation of resources as well as for the public.Fire and Fuels Indices:Indices at the Livengood RAWs are Extreme with BUI of 122 and FFMC at 93Indices at the Chatanika RAWs are Very High with BUI 96 and FFMC at 90Many of the values are located along the Elliott Highway, Chatanika River and White Mountains area. Alaska is entering the peak of fire season, and most of the area's indices are nearing record levels which is indicative of the observed fire behavior. The predicted high-pressure system over central and eastern Alaska is aligned to be present for the next several days, and within that time frame is the potential for more lightning. Alaska is currently in a PL 4 and likely to move to a PL 5, with the National Planning Level at 3, resources are available but that could change as other regions/GACCs become active.There is potential for these fires to be long duration and they started mid-season.A Complex Incident Management Team (CIMT) is recommended due to six of the seven categories in the WFSS assessment rating out as Type1/CIMT . A CIMT has been ordered and will be in-briefed at 1200 on 06/29.

Decision Rationale and Triggers

- Single Jurisdictional Approver per Incident (Fix in Progress)
- Additional Approver name and role needs to be documented
- Document Leader's Intent from all Agencies
- Ten Questions – Risk Decision Framework
- Decision Update Triggers

Decision Approval & Assessment

- Approver box must be checked in WFDSS Profile
- Ensure "Ready for Publication" Slider Moved
- Include any agency- or unit-specific needs and concerns
- Ensure all decision parts checked that are ready to publish/include

Decision Rationale | **Decision Approval & Assessment**

Supporting Information
This Area is Under Development

Published Decisions

Powered by Esri | -Ten Questions- | The Risk Decision Framework

Ready for Publication

Required Decision Elements

READY TO PUBLISH	NAME
<input type="checkbox"/>	Planning Area
<input type="checkbox"/>	Spatial Inventory
<input type="checkbox"/>	Analysis Summary
<input type="checkbox"/>	Part B Relative Risk
<input type="checkbox"/>	Strategic Assessment
<input type="checkbox"/>	Strategic Course of Action
<input type="checkbox"/>	Part C/D Org Assessment
<input type="checkbox"/>	Estimated Final Incident Cost

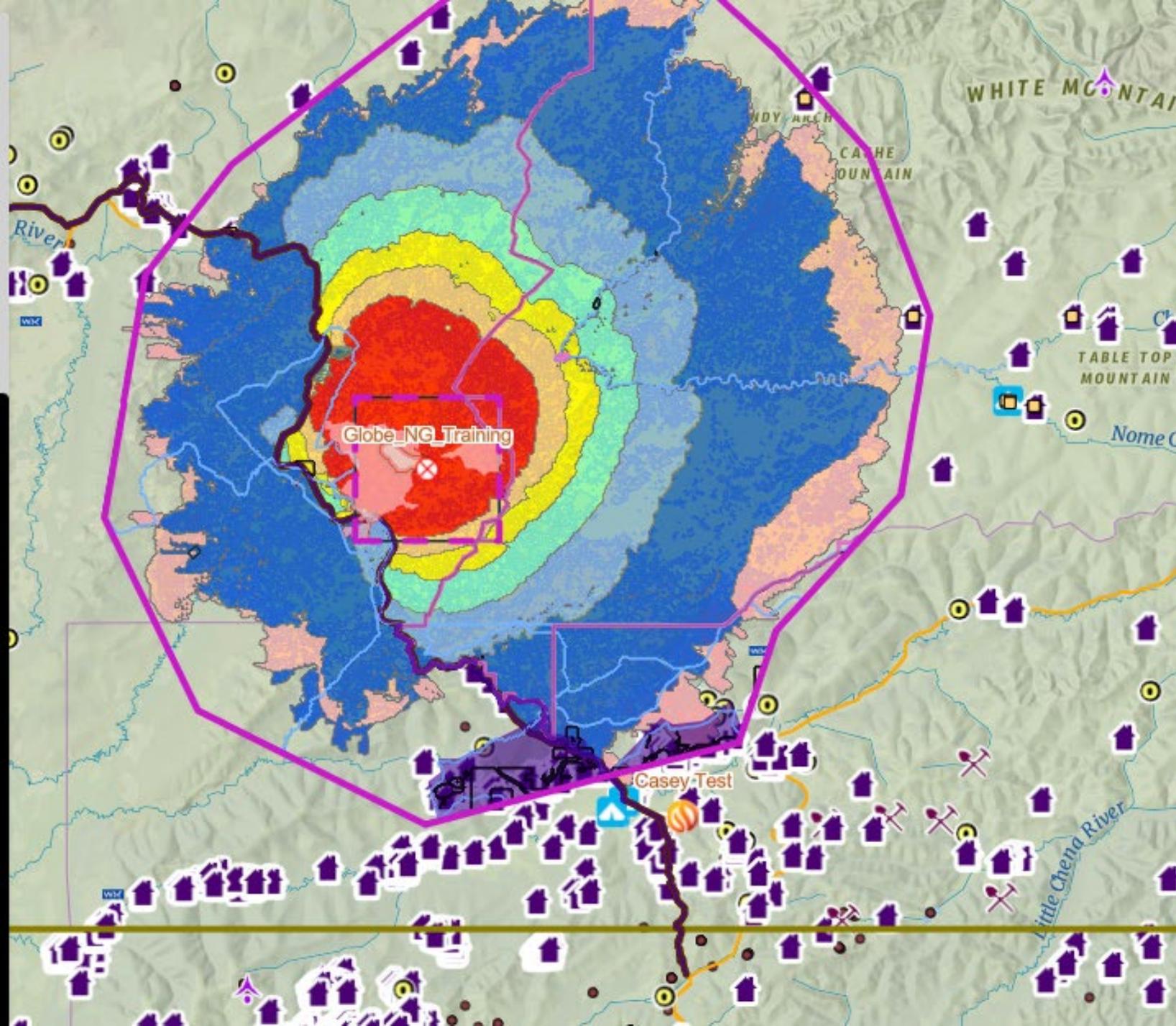
Questions?

Working with an Incident Management Team



Layer List

- Disturbance History - Burn Severity (MTBS)
- Disturbance History - Fuel Treatments
- Infrastructure - Facilities
- Infrastructure - Utilities and Transportation
- Infrastructure - Recreation
- Natural and Cultural Resources - Habitat
- Natural and Cultural Resources - Air Quality
- Resource Management Considerations
- Operational Fire Planning
- Spatial Fire Planning
- Elevation (Dynamic)
- Landfire Data



Incident Commander Delegation of Authority

- Required for Type 3, 2, & 1 Incident Commanders.
 - Must be signed by Agency Administrators for all lands where suppression activity occurs.
 - In Alaska the Protecting FMO also signs.
- Alaska Master Agreement serves as the Delegation for Type 5 & 4 ICs.
 - ❖ Exception-BLM requires blanket delegations for all T5, 4, & 3 ICs for fires on BLM lands. Posted soon in the Agency Administrator Library

Delegation of Authority

Bureau of Land Management
Bureau of Indian Affairs
Alaska Division of Forestry & Fire Protection
US Fish and Wildlife Service
Doyon, Limited



Beginning Monday July 1, 2024, at 0700 AKDT, management of the Grapefruit Complex is delegated to Incident Commander Peter Butteri, on behalf of the Bureau of Land Management, the Bureau of Indian Affairs, US Fish and Wildlife Service, and State of Alaska Division of Forestry & Fire Protection. Under operational direction of the Bureau of Land Management Alaska Fire Service, Tanana and Upper Yukon Zones, you are responsible for adhering to the objectives, requirements, and courses of action as established in the Wildland Fire Decision Support System (WFDSS) published decision and the objectives in this delegation.

Objectives:

- Provide for safety of firefighters and the public.
- Use the Risk Management Process and evaluate all actions prior to engagement.
- Provide protection for values immediately or potentially affected by the following fires: 115(Fossil), 192(Noodor), 248(Slate), 249(Iver), 253(Globe), 292(Tatalina), 306 (Eagle), 308 (Wilber).
- Evaluate strategic options of utilizing direct and indirect and point protection suppression tactics combined with natural and manmade barriers to protect values.
- Provide nightly updates on all fires assigned within the complex to UYT Dispatch.
- Document site assessments and suppression efforts per site value and update the known sites database with collected information.
- Provide accurate and timely information to the local communities, all involved agencies, and cooperators.
- Review the decision in the Wildland Fire Decision Support System (WFDSS) for further guidance from agencies involved.
- Keep Agency Administrators apprised of current situation and cost estimates.
- Prepare documentation package according to interagency standards.
- Maintain relationships with residents, cooperators, and the public.
- Keep the public informed on the current situation.
- Utilize resource advisors as necessary for equipment use during suppression actions and repair.
- Collaborate with any agency provided representatives or liaisons for planning and suppression efforts.
- Provide documentation of any effects from fire or fire suppression to native allotments.
- Coordinate with the Fairbanks District Public Affairs Officer on matters of communication related to management of public use facilities in the Dalton Highway Corridor.
- Coordinate with cooperators to maintain travel along the Elliott Highway thoroughfare only when it is safe for the public.
- Coordinate the development of a suppression repair plan with the jurisdictional agencies.
- Any new fire starts within the planning area will be negotiated and mutually agreed upon prior to the team assuming them. Additionally, the Zones may ask for IA assistance from resources assigned to the Grapefruit Complex.

William Hedman, Central Yukon & Eastern Field
Manager, Bureau of Land Management

WILLIAM
HEDMAN

Digitally signed by WILLIAM
HEDMAN
Date: 2024.06.29 17:27:01 -08'00'

Jimmy Fox, Yukon Flats National Wildlife Refuge,
US Fish and Wildlife Service

JAMES FOX

Digitally signed by
JAMES FOX
Date: 2024.06.29
16:49:31 -08'00'

Nathan Zalewski, Acting Northern Region FMO,
State of Alaska Division of Forestry & Fire Protection

Nathan
Zalewski

Digitally signed by Nathan
Zalewski
Date: 2024.06.29 16:43:52
-08'00'

Fabian Keirn, Acting Superintendent Fairbanks Agency,
Bureau of Indian Affairs

FABIAN
KEIRN

Digitally signed by
FABIAN KEIRN
Date: 2024.06.29
16:52:58 -08'00'

Kip Shields, Fire Management Officer BLM - Alaska
Fire Service Upper Yukon Zone

KIP
SHIELDS

Digitally signed by KIP SHIELDS
Date: 2024.06.29 18:44:46 -08'00'

Branden Petersen, Fire Management Officer BLM -
Alaska Fire Service Tanana Zone

BRANDEN
PETERSEN

Digitally signed by
BRANDEN PETERSEN
Date: 2024.06.29
19:30:08 -08'00'

Peter Butteri, Alaska CIMT # 3, Incident Commander

PETER
BUTTERI

Digitally signed by PETER
BUTTERI
Date: 2024.06.29 22:22:14
-08'00'

Leaders' Intent Letter

- Expectations for notifications/communications
- Key Contacts
- Strategic Planning and Risk Management expectations
- Human Resources expectations
- Financial constraints/expectations
- Resource protection guidelines

Willamette National Forest
Deschutes National Forest



Subject: Willamette and Deschutes Leader's Intent – Cedar Fire East

To: Norm McDonald, Incident Commander, Alaska Team 1

The Agency Administrators' objectives for the management for the Cedar Creek Fire East are focused on providing maximum protection of life, property and identified values.

Incident Management Objectives

- Firefighter and public safety will be the highest priority throughout all phases of the incident. Manage the risk to fire fighters and the public by utilizing a risk-based approach to decision making. Ensure quality tradeoff conversations occur with Agency Administrators, partners, and stakeholders.
- High priority values at risk that have guided our strategy and tactics have been identified as Waldo Lake and recreation infrastructure. The Highway 58 corridor including the Union Pacific Railroad, Willamette Pass Ski Resort and recreation infrastructure. The recreation infrastructure publicly and privately owned along the Cascade Lakes Scenic Byway (Hwy 46) including resorts, campgrounds and recreation residences. Similar values at risk occur at Odell Lake to the south and east of incident.
- Limit impacts of fire suppression activities in the affected congressionally designated Wilderness Areas, the Pacific Crest Trail (PCT) and the Inventoried Roadless Areas (IRAs). Use of heavy equipment in IRAs can be authorized by the agency administrator or agency representative.
- Develop and implement a comprehensive facilitative engagement strategy with cooperators, stakeholders, elected officials, and the public. The plan will include timely and accurate information that proactively addresses past, current, and potential future impacts to all interests. Risk informed decisions will be documented and communicated appropriately.
- Maintain and develop relationships and partnerships with stakeholders, cooperators, community leaders, and private landowners. Ensure timely and accurate and information sharing to local authorities.
- Co-develop an open and transparent communication strategy with Agency Administrators (AA), Forest Supervisors, and local Fire Staff to ensure a collective understanding of shared risk and long-term impacts to both the district and local communities.

Incident Management Team Inbriefing





2024 Grapefruit Complex AK-UYD-000900
(Fires #192, 248, 249, 253 & 306)

IMT In-Briefing Meeting Agenda

Date/Time: June 29, 2024 at 1200

Location: AFS Training Rooms 1&2; BLM – Alaska Fire Service 1541 Gaffney Road, Fort Wainwright, AK 99703

Teams Link (Virtual Option): [Click Here to Join the Meeting](#)

Topic	Speaker	Position/Role
Introductions	Melania Stoeber	Facilitator
Complex Overview Jurisdictions, Values & Objectives	Kip Shields	Tanana Zone Fire Management Officer
Fire Weather	Heidi Strader (Virtual)	AICC Fire Weather
Fire Behavior	Tom St. Clair	BIA Fire Management Officer (FBAN)
Agency Administrators/Jurisdictional FMOs:		
Alaska Division of Forestry & Fire Protection – Northern Region	Kevin Meany Nathan Zalewski	Northern Region Forester Acting Northern Region FMO
Bureau of Land Management - Central Yukon Field Office	Bill Hedman Nathan Curnutt	Assistant Field Office Manager Fire Management Officer
Bureau of Indian Affairs – Alaska Region	Fabian Keirn Tom St. Clair	Acting Superintendent Fire Management Officer
Fish and Wildlife Service	Jimmy Fox	Refuge Manager
Doyon, Limited	Jaenell Manchester	Doyon Representative
Dispatch Concerns	Amber Sunderland	Yukon Fire Dispatch Center Manager
Incident Business Overview	Krisanda Kappus	Zone Incident Business Lead
Agency Administrator/FMO Remarks	ALL AAs/FMOs	
Incoming IMT Round-Robin Remarks/Questions	IMT	
Functional Area Breakouts (In-Person Only)	Melania Stoeber	Facilitator
<ul style="list-style-type: none"> • Dispatch/Logistics • Public Information • Finance 		

Incident Management Team In-Briefing

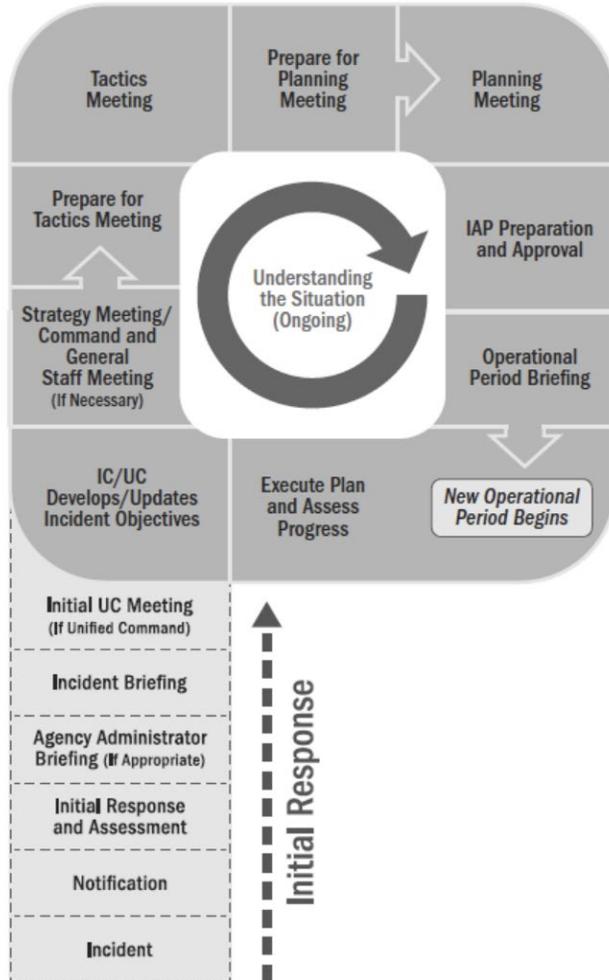
Helpful Resources:

- [Alaska Interagency Coordination Center – Home](#) (Web ink)
- [Alaska Handy Dandy](#) (pdf)
- [Alaska Interagency Supply Catalog](#) (pdf)
- [AICC - Out of State Resources](#) (Web Link)
- [DRAFT - AFS Zone IMT One-Pagers](#) (DOI Only Link)
- [AICC - Incident Business Management](#) (Web Link)

Daily Incident Planning P



AKCIMT#3 Daily Meeting Schedule



- 0730 Pre-Operational Meeting**
Operations/SOFC/Intel--In person/Call In
- 0800 Morning Operational Briefing**
All--In Person/Radio/MS Teams
- 1000 Cooperators Meeting**
Tuesday/Thursday/Saturday LOFR/Intel/OPS/ICCI--In Person/MS Teams
- 1200 Projections**
C&G/SITL/DOCL--In Person
- 1530 Tactics/Pre-Planning**
OSCC/LSCC/MEDL/SOFC/RES--In Person
- 1630 AA/IC Call**
AA/AR/ICCI--Call In
- 1700 Planning Meeting**
C&G/Intel/AA/AR/Cooperators—In Person/MS Teams
- 2000 AKCIMT#3 C&G**
C&G--In Person/MS-Teams
- 2130 Post-Operational Meeting**
Operations/SOFC/Intel--In person/Call In

*Strategic Meetings and Cooperator Meetings will be held in person and through MS-Teams and will not occur daily

**209 INPUTS DUE BY 1700hrs

IMT Daily Meeting Schedule

- IC/AA Meeting
- Planning Meeting
- Operational Briefings AM & PM

https://emilms.fema.gov/is_0200c/groups/80.html

Incident Strategic Alignment Process (ISAP)

1. Critical Values at Risk
2. Strategy & Strategic Actions
3. Risks to Responders
4. Probability of Success

SOPL/LTAN ↓

Incident Strategic Risk Assessment (SRA) Incident Name: _____ Date: _____

Strategic Action 1					
1. Details	2. Location	3. Resources Required	4. Duration (days)	5. Probability of Success	
		3a. Personnel Required:	3b. Available Today:		
← Operations →					
← All Conversation →				7. Estimated Cost: FSC	
Critical Values Risk			Risk Comparison		
8. Critical Values	9. Severity of Impact	10. Probability of Impact	11. Risk Rating		
V1			No Data		
V2			No Data		
V3			No Data		
V4			No Data		
V5			No Data		
V6			No Data		
V7			No Data		
Responder Risk			16. Risk Mitigations		
Part Mitigations					
12. Major Risk Influencers	13. Severity of Event	14. Probability of Event	15. Risk Rating		
R1	Ground Transportation	LSC, OSC, SOF	No Data		
R2	Rapid Fire Growth	FBAN, OSC, Locals	No Data		
R3	Hit-by Hazards	OSC, SOF, Locals	No Data		
R4	Aviation Operations	AOBD, OSC, SOF	No Data		
R5	Human Factors	ALL	No Data		
R6	Medical Response Capability	MEDL, AOBD, LSC, SOF	No Data		
R7			No Data		
17. Risk Discussion			← All Conversation →		
Do alternatives need to be developed?		All	Participants: _____		

Strategic Planning ... WFDSS Decisions



Critical Values at Risk

Spatial Inventories
Protection Objectives
Incident Requirements



Strategy & Strategic Action

Strategic Assessment & Strategic Course of Action
Incident Objectives
Cost



Risk to Responders

Fire Analyses
Relative Risk Ratings
RMA Dashboard



Probability of Success

Discussions around defining success
Incident Objectives
Probability under Relative Risk

IMT Transition

- IMT Evaluation
- Rescinded Delegation of Authority
- Closeout Meeting

Questions?

Close Out & Final Questions



Analysis/Decision Support

AICC Fire Analyst Nathan Perrine

DSC – AK Standards for Resource Mobilization.

- PL 3: Evaluate the need and order a SOPL, SME, or Analyst
- PL 4: Activate DSC. DSC works for AICC Manager in coordination with an Alaska GAE representative & AICC Fire Analyst
- Can request RIST support for additional decision support.



Refresher Feedback

<https://forms.office.com/g/QiY7hZmgNC>

Questions?

Agency	Name	E-mail Address	Phone Number	Mobile Number
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BLM	Boespflug, Casey	cboespflug@blm.gov	907-356-5859	307-217-1696
BLM	McCartney, Wendy	wmccartney@blm.gov	907-474-2228	406-366-1856
BLM	Perrine, Nathan	nperrine@blm.gov	907-356-5673	
NPS	Barnes, Jennifer	jennifer_barnes@nps.gov	907-455-0652	907-244-9073
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NPS	O'Connor, Casey	casey_oconnor@nps.gov	907-615-0187	
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USFWS	Saperstein, Lisa	lisa_saperstein@fws.gov	907-786-3422	907-202-2732