

Fire Modeling and Analysis Committee

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 primary analyst coordinator, Chris Moore, to inform him that the assignment has been accepted (chmoore@blm.gov; 907-356-5673 [office], 907-482-0161 [cell]). If Chris is not available, AICC serves as the secondary analyst coordinator (907-356-5680).

OR

2. Protecting or Jurisdictional Agency fire managers can request an analyst through the primary analyst coordinator, Chris Moore (chmoore@blm.gov; 907-356-5673 [office], 907-482-0161 [cell]). If Chris is not available, AICC serves as the secondary analyst coordinator (907-356-5680). The analyst coordinator will go through the list of Alaska analysts in Table 1. Once an assignment is accepted, the analyst will contact the requestor for additional information about the fire. A form detailing information useful for WFDSS analyses is available at: <https://fire.ak.blm.gov/administration/aaguide.php> under E. WFDSS, 01. WFDSS Analysis Requests.

Fire Modeling and Analysis Committee

Table 1. Alaska WFDSS analysts by agency

Agency	Name	Email	Cell Phone
AK Fire Science Consortium	Robert Ziel	rhziel@alaska.edu	906-869-3355
BLM-AFS	Chris Friar	cfriar@blm.gov	907-388-2715
BLM	Tom St. Clair	tstclair@blm.gov	907-978-0104
FWS	Lisa Saperstein	lisa_saperstein@fws.gov	907-952-1413
NPS	Jennifer Barnes	jennifer_barnes@nps.gov	907-244-9073
BLM-AFS	Eric Miller	eamiller@blm.gov	907-978-2890
NPS	Brian Sorbel	brian_sorbel@nps.gov	907-244-9054
BLM-AFS	Casey Boespflug*	cboespflug@blm.gov	907-482-0055
FWS	Peter Butteri*	peter_butteri@fws.gov	907-350-4782
USFS	Bobette Rowe*	bsrowe@usda.gov	907-205-1150
FWS	Nate Perrine*	nathan_perrine@fws.gov	417-230-5116
FWS	Dale Woitas*	dale_woitas@fws.gov	605-440-1250

*Mentee analyst

If none of the Alaska analysts in Table 1 are available, the analyst coordinator will refer the analysis request to the Wildland Fire Management Research, Development and Application group (WFM RD&A): (208) 473-8107.

Alaska Interagency Fire Danger Operating Plan



USFWS Tetlin NWR, 2003

April 2020

Members of the Fire Danger Committee

- Casey Boespflug - AFS
- Peter Butteri - FWS
- Mike Butteri - State of Alaska
- Robert Ziel - Alaska Fire Consortium
- Heidi Strader - Predictive Services
- Bobette Rowe - AWFCG Liaison
- Tom St. Clair - BLM
- Larry Weddle - NPS
- Hilary Shook - AICC
- Mark Cahur - Forest Service
- Eric Miller- AFS
- Eric Stevens – Predictive Services

What the Red Book says:

- A FDOP documents the analysis process and the development of decision points to be used for future weather and fire occurrence situations, based on an analysis of local conditions, historic weather, and historic fire occurrence.
- Blends science, historical data, established processes, and local knowledge to provide a unified framework for local interagency unit managers/administrators to make informed decisions.

Requirements

- Roles and Responsibilities
- Fire Danger Area Inventory
- Operational Procedures
- Decision Point Analysis
- Fire Danger Based Decisions
- Reviewed annually and updated as necessary

Future Needs – AKFF Website

- New functionality and maintenance.
- Continued maintenance and funding of the RAWS network.
- Display Alaska Sub-region adjectives on AKFF.
- Produce a high-resolution CFFDRS fuels map for Alaska.
- Automate gridded fire behaviour products.

Future Needs - Analysis

- Seasonal BUI forecast.
- Lightning Ignition Potential.
- Snow cover assessment through NASA ABoVE.
- Improve and extend weather forecasts beyond three days using ensembles.

Future Needs - Analysis

- MODIS vs. VIIRS in future analysis.
- Improve WIMS dataset through the shoulder seasons. (5/1-9/30)
- Future analysis of Kenai Peninsula, Southwest Alaska, Southeast, and tundra areas.
- Continued development of an automated statewide preparedness level tool for Alaska.
- **Provide decision makers with timely and useful information.**