**Information for WFDSS Fire Analysis Requests**

Note: By providing all or even some of the requested information in this document either in writing or verbally, the analyst will be able to produce a better fire behavior product in a shorter amount of time. There is no need to answer every question if the information is not available or if there is not adequate time.

**FIRE NAME and NUMBER:** Click here to enter text.

**ORGANIZATIONAL INFORMATION**

Requesting Official (Name, email, phone numbers): Click here to enter text.

Suppression agency: Click here to enter text.

Jurisdictional agencies involved in this incident: Click here to enter text.

Who can provide intel/photos about the fire? (Name, email, phone number(s))? Click here to enter text.

**ANALYSIS TYPE (if known): Short Term Fire Behavior, Near Term Fire Behavior, or FSPro**. \*See attached tables for more information on selecting a model:Click here to enter text.

What is your time frame for receiving results? Click here to enter text.

How many days do you want modeled? Click here to enter text.

|  |  |  |  |
| --- | --- | --- | --- |
| **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 |

**POINTS OF CONCERN**

What are the values you are most concerned about? Click here to enter text.

**MANAGEMENT ACTION**

Is suppression being taken, or has already occurred, on the fire? Is an operational map available? Click here to enter text.

**ORIGIN**

Is the origin location accurate in WFDSS? Click here to enter text.

What is the most active part of the fire? Click here to enter text.

**WEATHER**

What RAWS would you recommend for weather? Click here to enter text.

What RAWS would be most representative for wind (can be the same)? Click here to enter text.

**FIRE BEHAVIOR**

How large is the fire growing per day? How is the fire moving and in what direction? Click here to enter text.

What is the primary carrier(s)? Are any vegetation types holding? Click here to enter text.

What time does the fire actively grow (e.g., 1400-1800)? Click here to enter text.

Any torching, crowning, or spotting? If so, where and how far? Click here to enter text.

Is there a previous fire in the vicinity that you think may have exhibited similar fire growth (an analog fire)? Click here to enter text.

Any local factors or triggers that historically contribute to large fire growth? Click here to enter text.

Are there any barriers that will stop fire spread? Click here to enter text.

Is there any fuel moisture information available? Click here to enter text.

**ADDITIONAL NOTES**

Please provide any additional information that you think would be helpful to the analyst: Click here to enter text.