

August 8, 2015

# WFDSS - FSPRO PROBABILITY: SRF MAD RIVER COMPLEX (2015-CASRF-001433)

08/08 - 7 DAYS - 90m Res; 2000 Fire Sim

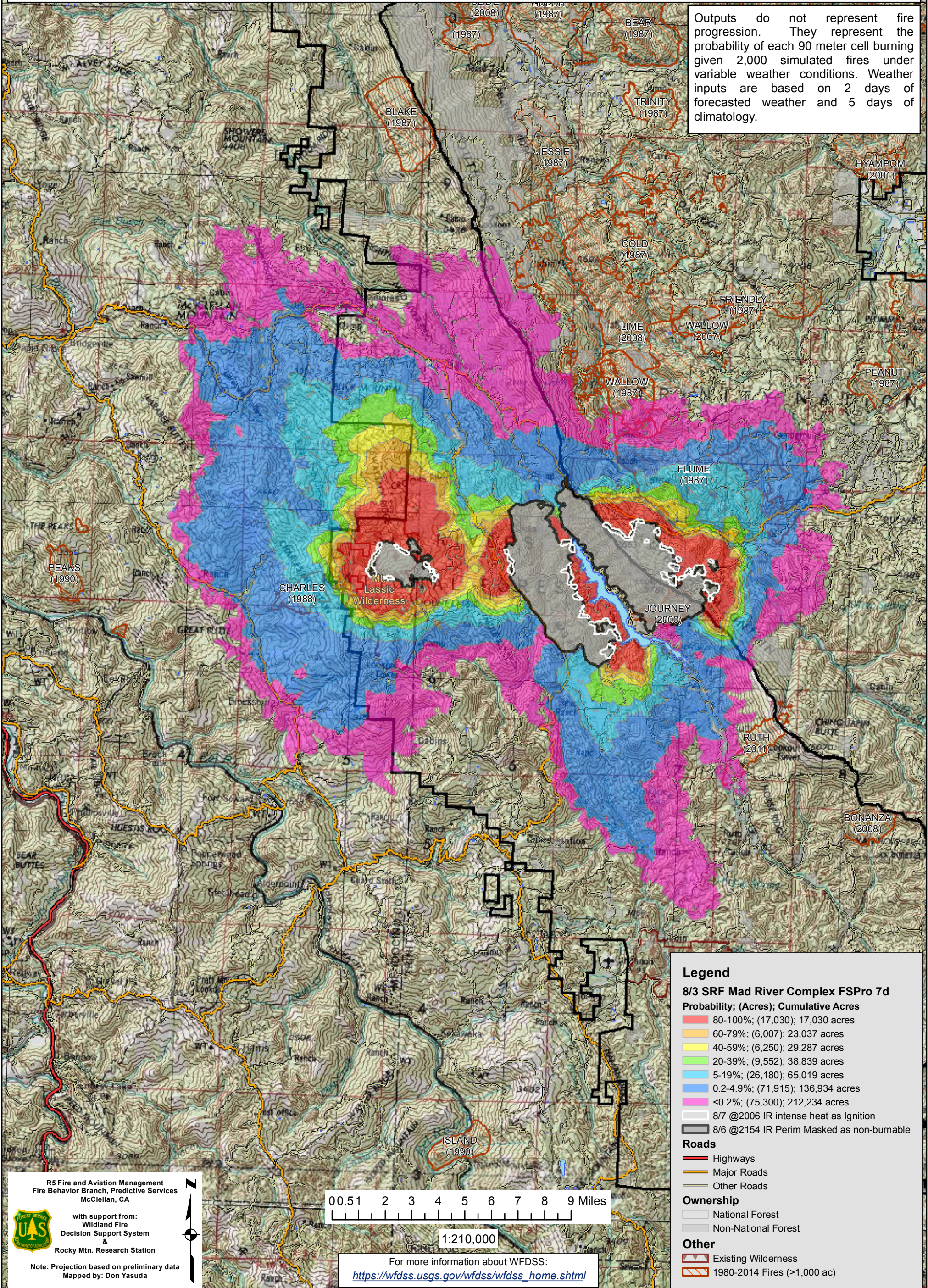
ERC: 40507 - MAD RIVER (11.1 miles); WINDS: 40507 - MAD RIVER (11.1 miles)

File: 8.8 Updated 7 day FSPro: Larry Hood

Trinity Alps PIGEON Wilderness (2006)  
BUCKHORN (2008)

Notes: Updated 7 day FSPro analysis for 8/8 to 8/14. Masks 8/6 2154 IR perimeters of Lassics, Gobbler and Pickett fires as non-burnable and uses 8/7 2006 IR intense heat for ignition file to capture areas of fire showing recent growth. No barrier files used and model assumes no suppression action. **Expect spread into low probability surfaces early in the analysis period due to extreme drought conditions and/or forecasted increase in SW winds.**

Outputs do not represent fire progression. They represent the probability of each 90 meter cell burning given 2,000 simulated fires under variable weather conditions. Weather inputs are based on 2 days of forecasted weather and 5 days of climatology.



**Legend**

**8/3 SRF Mad River Complex FSPro 7d**

**Probability; (Acres); Cumulative Acres**

- 80-100%; (17,030); 17,030 acres
- 60-79%; (6,007); 23,037 acres
- 40-59%; (6,250); 29,287 acres
- 20-39%; (9,552); 38,839 acres
- 5-19%; (26,180); 65,019 acres
- 0.2-4.9%; (71,915); 136,934 acres
- <0.2%; (75,300); 212,234 acres

- 8/7 @2006 IR intense heat as Ignition
- 8/6 @2154 IR Perim Masked as non-burnable

**Roads**

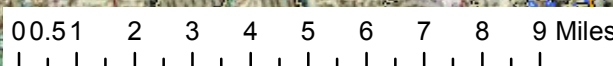
- Highways
- Major Roads
- Other Roads

**Ownership**

- National Forest
- Non-National Forest

**Other**

- Existing Wilderness
- 1980-2014 Fires (>1,000 ac)



1:210,000

For more information about WFDSS:  
[https://wfdss.usgs.gov/wfdss/wfdss\\_home.shtml](https://wfdss.usgs.gov/wfdss/wfdss_home.shtml)

R5 Fire and Aviation Management  
Fire Behavior Branch, Predictive Services  
McClellan, CA

with support from:  
Wildland Fire  
Decision Support System &  
Rocky Mtn. Research Station

Note: Projection based on preliminary data  
Mapped by: Don Yasuda