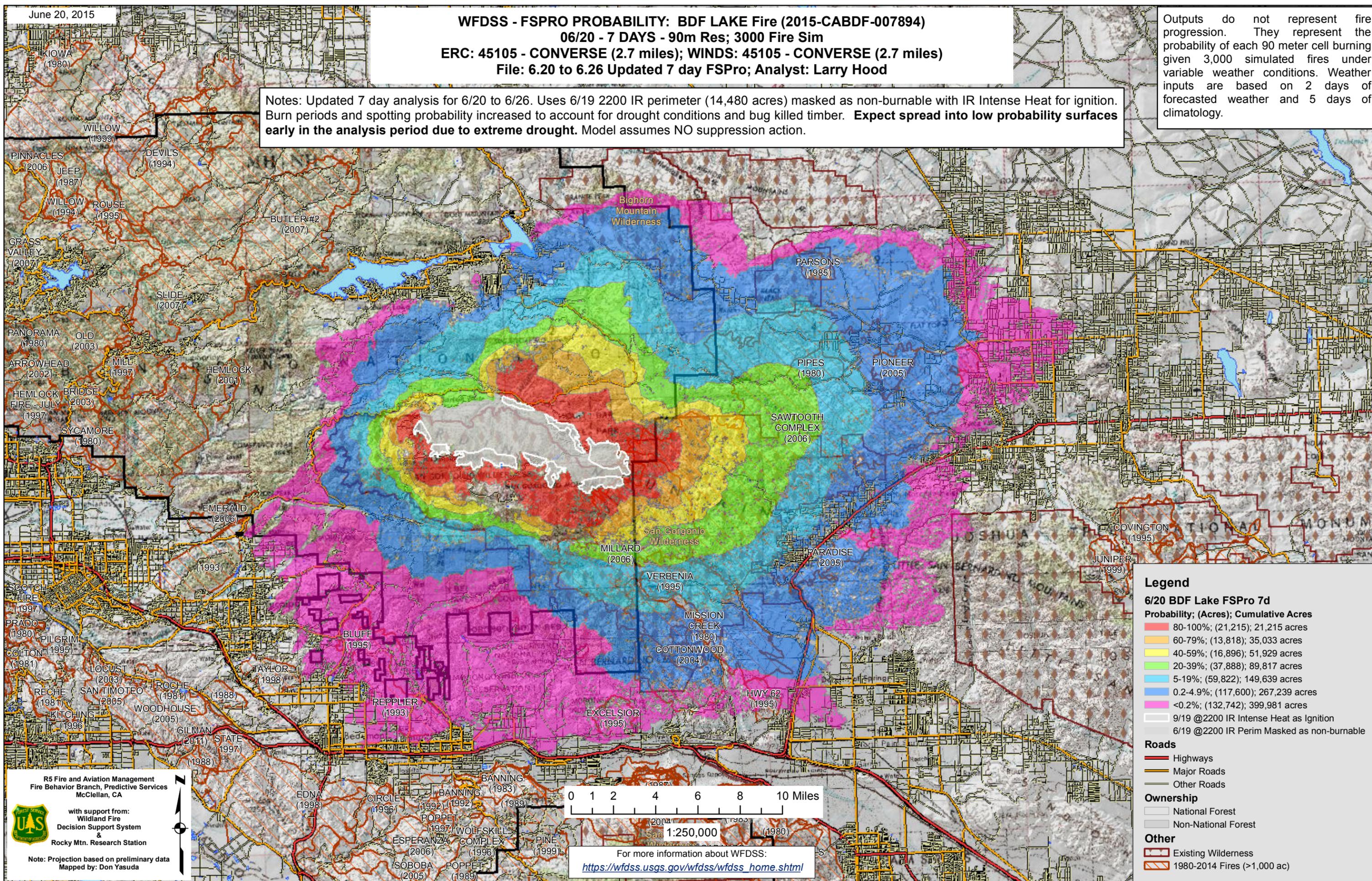June 20, 2015

WFDSS - FSPRO PROBABILITY: BDF LAKE Fire (2015-CABDF-007894)
06/20 - 7 DAYS - 90m Res; 3000 Fire Sim
ERC: 45105 - CONVERSE (2.7 miles); WINDS: 45105 - CONVERSE (2.7 miles)
File: 6.20 to 6.26 Updated 7 day FSPro; Analyst: Larry Hood

Outputs do not represent fire progression. They represent the probability of each 90 meter cell burning given 3,000 simulated fires under variable weather conditions. Weather inputs are based on 2 days of forecasted weather and 5 days of climatology.

Notes: Updated 7 day analysis for 6/20 to 6/26. Uses 6/19 2200 IR perimeter (14,480 acres) masked as non-burnable with IR Intense Heat for ignition. Burn periods and spotting probability increased to account for drought conditions and bug killed timber. **Expect spread into low probability surfaces early in the analysis period due to extreme drought.** Model assumes NO suppression action.

Legend

6/20 BDF Lake FSPro 7d
Probability; (Acres); Cumulative Acres

- 80-100%; (21,215); 21,215 acres
- 60-79%; (13,818); 35,033 acres
- 40-59%; (16,896); 51,929 acres
- 20-39%; (37,888); 89,817 acres
- 5-19%; (59,822); 149,639 acres
- 0.2-4.9%; (117,600); 267,239 acres
- <0.2%; (132,742); 399,981 acres
- 9/19 @2200 IR Intense Heat as Ignition
- 6/19 @2200 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)

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

0 1 2 4 6 8 10 Miles

1:250,000

For more information about WFDSS:
https://wfdss.usgs.gov/wfdss/wfdss_home.shtml