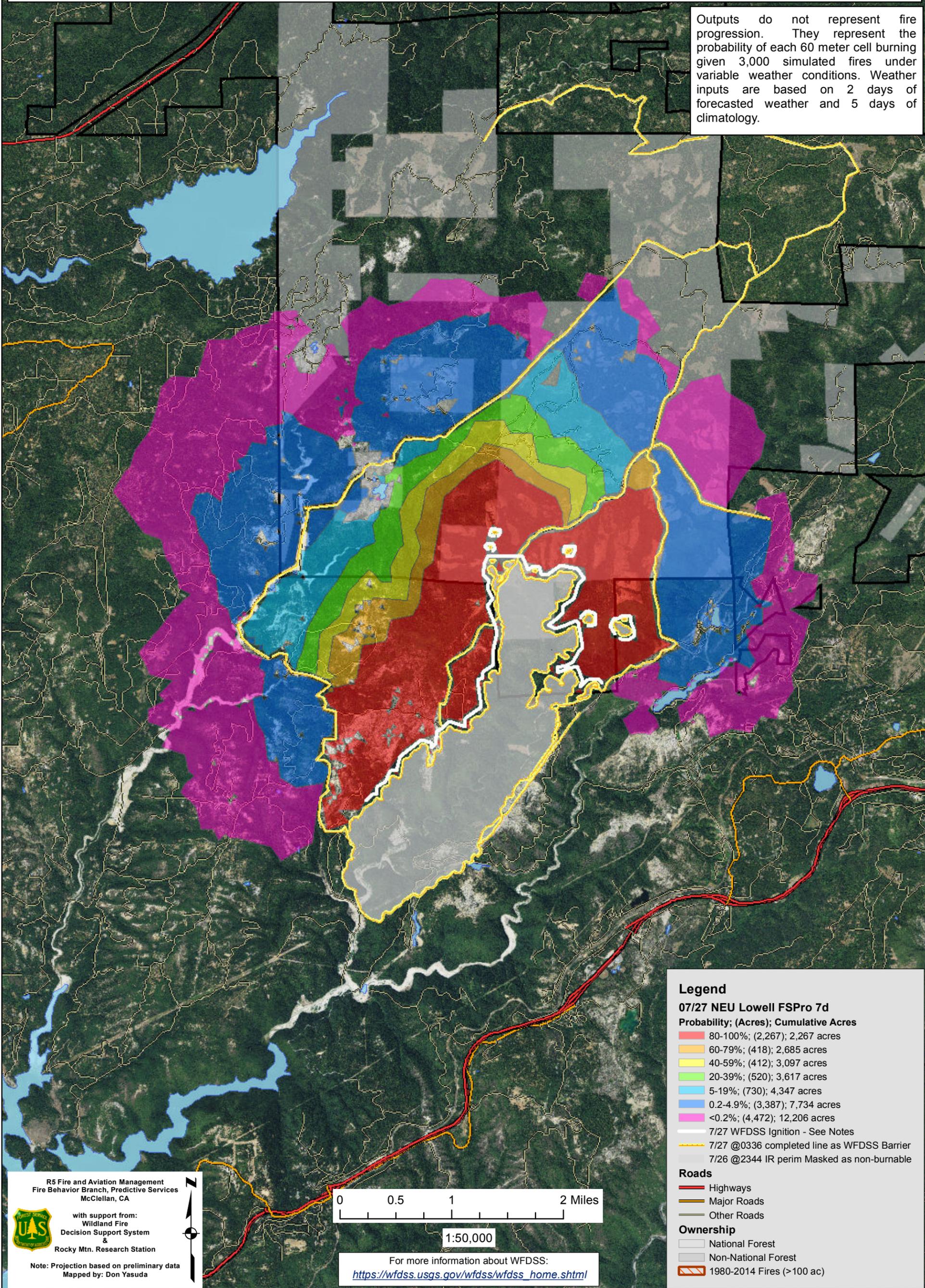


July 27, 2015

WFDSS - FSPRO PROBABILITY: NEU Lowell Fire (2015-CANEU-017851)
07/27 - 7 DAYS - 60m Res; 3000 Fire Sim
ERC: 41808 - SECRET TOWN (0.6 miles); WINDS: 41808 - SECRET TOWN (0.6 miles)
File: 7.27 Updated 7 day FSPro; Analyst: Larry Hood

Notes: Updated 7/27 analysis. Masks previously burned areas (7/26 2344 IR perimeter; 1,699 acres) as non-burnable. Uses ignition file based on uncontrolled fire edge on Divisions A, B, C, D, and W along with 7/26 2344 IR intense heat. Barrier file used representing completed fireline. **Expect spread into low probability surfaces early in the analysis period due to extreme drought.** Model assumes NO suppression action.
 * Of note is no recorded fire history in area >100 acres from 1980-present.

Outputs do not represent fire progression. They represent the probability of each 60 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.



Legend

07/27 NEU Lowell FSPro 7d

Probability; (Acres); Cumulative Acres

- 80-100%; (2,267); 2,267 acres
- 60-79%; (418); 2,685 acres
- 40-59%; (412); 3,097 acres
- 20-39%; (520); 3,617 acres
- 5-19%; (730); 4,347 acres
- 0.2-4.9%; (3,387); 7,734 acres
- <0.2%; (4,472); 12,206 acres

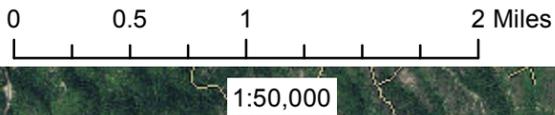
7/27 WFDSS Ignition - See Notes
 7/27 @0336 completed line as WFDSS Barrier
 7/26 @2344 IR perim Masked as non-burnable

Roads

- Highways
- Major Roads
- Other Roads

Ownership

- National Forest
- Non-National Forest
- 1980-2014 Fires (>100 ac)



For more information about WFDSS:
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