June 18, 2015

WFDSS - FSPRO PROBABILITY: BDF LAKE Fire (2015-CABDF-007894)
06/18 - 7 DAYS - 90m Res; 2000 Fire Sim
ERC: 45105 - CONVERSE (2.7 miles); WINDS: 45105 - CONVERSE (2.7 miles)
File: 6.18 to 6.24 Updated 7 day FSPro; Analyst: Larry Hood

Notes: 6/18/2015 1300 update to the Initial 6/18 7 day FSPro analysis. Perimeter is estimated at 7,507 acres from VIIRS IR heat signature imagery (size and location may not be accurate). 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.

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.

KIOWA (1980)
WILLOW (1999)
PINNACLES (2006)
JEEP (1987)
DEVILS (1994)
WILLOW (1994)
ROUSE (1995)
BUTLER #2 (2007)
GRASS VALLEY (2007)
SLIDE (2007)
PANORAMA (1980)
OLD (2003)
ARROWHEAD (2002)
MILL (1997)
HEMLOCK (2001)
HEMLOCK FIRE - JULY (1997)
BRIDGE (2003)
SYCAMORE (1980)
EMERALD (2006)
(1993)
SCOTCH FIRE (1997)
PRADO (1980)
COLTON (1981)
LOCUST (2003)
SAN TIMOTEO (2005)
RECHE (1981)
KITCHING (1996)
ROCHE (1981)
(1988)
WOODHOUSE (2005)
GILMAN
STATE (1997)
1988)
TAYLOR (1998)
BLUFF (1995)
REPPLIER (1993)
EDNA (1998)
WOLFSKILL COMPLEX (1996)
CIRCLE (1996)
ESPERANZA (2006)
BANNING (1992)
POPPET (1997)
BANNING (1983)
(1989)
PINE (1999)
Bighorn Mountain Wilderness
San Gorgonio Wilderness
MILLARD (2006)
VERBENIA (1995)
MISSION CREEK (1980)
COTTONWOOD (2004)
EXCELSIOR (1995)
HWY 62 (1995)
PARSONS (1985)
PIPES (1980)
PIONEER (2005)
SAWTOOTH COMPLEX (2006)
PARADISE (2005)
COVINGTON (1995)
JUNIPER (1999)

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

00.51 2 3 4 5 6 7 8 9 10 Miles

1:250,000

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

Legend

6/18 BDF Lake FSPro 7d

Probability; (Acres); Cumulative Acres

- 80-100%; (30,586); 30,586 acres
- 60-79%; (12,656); 43,242 acres
- 40-59%; (18,201); 61,443 acres
- 20-39%; (30,255); 91,699 acres
- 5-19%; (60,073); 151,772 acres
- 0.2-4.9%; (109,856); 261,628 acres
- <0.2%; (94,144); 355,772 acres
- 6/18 @1200 VIIRS Estimate as Ignition
- 6/18 Previously Burned as Mask

Roads
- Highways
- Major Roads
- Other Roads

Ownership
- National Forest
- Non-National Forest

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