Fire Behavior Forecast Number 60

Name of Fire: Zaca   II   Prediction For: Sunday
Location: Los Padres NF   9/02/07   0600 – 2000 hrs
Date/ Time Forecast Issued: 9/01/07 2000 hrs   Drew Smith- FBAN/So.Cal Team 1

Weather
Mostly sunny in the morning becoming partly cloudy with a slight chance of showers and T-Storms in the afternoon. *Isolated Dry Lightning is Possible*. Temperature around 105, RH =13-23%, Eye level winds= Variable3-6 mph. **Becoming** Upslope / Up valley by afternoon 4-8 mph. Ridgetop Winds: North to Northeast 3-6 mph with gusts to 15.
Variable gusty winds may accompany thunderstorms producing gusts 15-25 mph. LAL=2

Fire Behavior:
General:
The fire has been in-active near control lines. Hard work by crews and excellent mop up standards have maintained the current fire perimeter. Several deep interior islands continue to produce smokes in heavy down fuels and snags. Poor night recoveries have kept these smokes alive.
Live fuel moisture = *50%- 60%*.
Burn Index = *100*.   **Fire Danger Index**= *Very High*   **PBI**= 90**%**

Specific:
Interior Islands will continue to produce smoke in heavy fuels. With the Very High Fire Danger Index today, an isolated headfire run may develop by early afternoon. Flame lengths of 30-50 feet can be anticipated. The smokes that were identified near H27 and three sisters pose no threat to the line.

Initial Attack (SITUATIONAL AWARENESS)
Head fire will not be conducive to direct attack. Safe engagement practices must be identified on the observed and predicted fire behavior. Any new starts will have a very high potential for large fire development. With T-Storm development near any fire, erratic fire behavior may be encountered.

Air Operations:
Gusty winds and thunderstorm development may hinder aircraft use.
Regional activity may limit aircraft use.

Safety:
- **Observe the fire behavior for fire suppression engagement**
- **A new start may develop more abrupt than anticipated**
- **Identify a solid anchor point and safety zones.**
- **Situational Awareness needs to be a top priority= Safety**