



## **FIRE WEATHER FORECAST**

**FORECAST: 2**

**NAME OF FIRE: Robbers**

**PREDICTION FOR: Sunday**

**UNIT: Cal Fire Nevada-Yuba-Placer**

**SHIFT DATE: July 15, 2012**

**TIME AND DATE**

Jason Clapp

**FORECAST ISSUED: 2000 PDT, July 14**

**Incident Meteorologist**

### **WEATHER DISCUSSION:**

Area sandwiched between Pacific Northwest upper low and weak trough over SoCal. This will create generally light ridge winds...terrain winds dominant. Little change in temperature and RH today. Monday and Tuesday upper low moves south over Oregon/Northwestern California and generates stronger south-southwest ridge winds.

### **WEATHER FORECAST FOR SUNDAY:**

**WEATHER:** Sunny with smoke in the morning. Upper trough moves to east, weakening the winds.

**TEMPERATURES:** 85-92 (Little Change).

**HUMIDITY:** 18-23% (Little Change).

**20 FT WINDS: Ridgetop** – South-southwest 5-7 mph.

**Slope/Valley** – Upslope/Upcanyon 3-7 with gusts 10-12 mph in favored canyons (eddying in American and Shirttail Canyon).

**LAL: 1.**

**STABILITY/INVERSION:** 1000-1200...latest in sheltered/deep canyons.

### **WEATHER FORECAST FOR TONIGHT AFTER SUNSET:**

**WEATHER:** Smoky with inversions setting up after sunset. Moderate to good RH recovery depending on elevation.

**TEMPERATURES:** 55-60 valleys...62-66 mid/upper slopes. (Little Change)

**HUMIDITY:** 70-80% Valley...40-50% Mid/Upper slope. (Little Change)

**20 FT WINDS: Ridgetop** – East-southeast 2-4 mph with gusts to 7 mph toward sunrise.

**Slope/Valley** - Downslope/Downcanyon 3-5 mph.

**LAL: 1**

**STABILITY/INVERSION:** Inversions set up around sunset.

### **WEATHER FORECAST FOR MONDAY:**

**WEATHER:** Sunny and cooler with smoke in the morning. Upper trough moves south increasing ridge winds.

**TEMPERATURES:** 82-88 (Down 3-4).

**HUMIDITY:** 21-26% (Up 2-3).

**20 FT WINDS: Ridgetop** – South-southwest 6-9 mph with gusts 14-18 mph.

**Slope/Valley** – Upslope/Upcanyon 6-8 with gusts to 12-14 mph in aligned canyons (eddying in American and Shirttail Canyon).

**LAL: 1.**

**STABILITY/INVERSION:** 1000-1200...latest in sheltered/deep canyons.

### **EXTENDED OUTLOOK FOR TUESDAY THROUGH THURSDAY:**

An upper low continues to drift south over northwest California on Tuesday which will keep increased ridge winds more from the south with cooler temperatures/higher RH. The Low weakens and moves northeast and winds will decrease in the afternoon. Southwest flow dominates Thursday with warming temperatures. Moisture from remnants of Hurricane Fabio may flow over the region and generate some cloudiness. Only a slight chance of thunderstorms.