


## Fire Weather Forecast

FORECAST NO: 31 (amended 1100 hours)      NAME OF FIRE: Station Fire  
PREDICTION FOR: 24 Hour Period      UNIT: CA-ANF  
SHIFT DATE: Thursday, September 17<sup>th</sup> 2009  
0600 to 0600 hours      SIGNED:   
TIME AND DATE      Valerie L. Meyers /s/  
FORECAST ISSUED: Wednesday 9/16/2009 @ 1800 hours      Incident Meteorologist

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**WEATHER DISCUSSION:** High pressure continues to build over California. Skies will be mostly clear and sunny...leading to warmer temperatures and very dry conditions today. Winds will continue to be terrain driven...gusty during the afternoon on upper slopes and aligned drainages...with lighter downslope flows at night that favor the Northeast.

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### **WEATHER FORECAST:**

#### **TODAY:**

**WEATHER:** Mostly sunny.

**MAX TEMPERATURES:** 84-92 degrees.

**MIN HUMIDITY:** 10-20 percent... to near 30 percent at some low elevation sites.

#### **20 FT WINDS:**

**RIDGETOP** – North-Northeast 10-15 mph.

**SLOPE/VALLEY** – Downslope 6-9 mph favoring Northeast in the early morning...becoming Upslope/upcanyon 8-12 mph with gusts to 20 mph in the afternoon.

**STABILITY/INVERSION:** Mostly stable with moderate inversion eroding around 0900 hours.

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### **THURSDAY NIGHT FORECAST:**

**WEATHER:** Mostly clear. Overnight recovery becoming poor in areas above 3000 feet in elevation.

**MIN TEMPERATURES:** 62-70 degrees. Thermal belt around 3000-4000 feet up to 10 degrees warmer.

**MAX HUMIDITY:** 25-40 percent... up to 55 percent at lower elevations and in sheltered drainages.

#### **20 FT WINDS:**

**RIDGETOP** – North-Northwest 10-15 mph.

**SLOPE/VALLEY** – Upslope/upcanyon 8-12 mph with gusts up to 20 mph early evening...becoming downslope 6-9 mph favoring Northeast by midnight.

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**Extended Outlook Friday through Sunday:** High pressure strengthens along the California Coast. Under sunny skies...temperatures will remain in the upper 90s across the lower elevations of the fire. Conditions will be very dry with daytime humidity levels in the teens or lower at many sites. Winds will continue to be terrain driven...gusty each afternoon over the upper slopes and aligned drainages. However...by early next week... strong high pressure is expected to shift east over the Great Basin with increased potential for stronger gusty North to Northeast winds over Southern California. There is a great deal of uncertainty as to the strength and location of the winds ...but confidence is high that temperatures will remain hot and humidity levels low across the area.

**Forecast for the ICP: High – 96 degrees, Low - 61 degrees, Winds: light/variable in the morning...becoming SW 6-8 mph in the afternoon.**