 

**Fire Weather Forecast**

**SUNDAY OCT 3, 2021**

**FORECAST NO: 61 NAME OF FIRE: MONUMENT**

**PREDICTION FOR: Sunday/Oct 3, 2021 UNIT: SHF**

**ISSUED: 1900, Oct 2, 2021 Incident Meteorologist: Tom Wright**

**DISCUSSION:** Sunny, hot, dry weather continues today as high pressure remains over northern California. Winds will be relatively light and slope driven for most locations today, however, exposed areas and drainages aligned to the west will see west winds in the afternoon. Continued hot and dry Monday but breezier with southwest winds developing after noon.

**SUNDAY:**

* **WEATHER:** Mostly sunny.
* **WIND (EYE LEVEL):** Sheltered areas: Downslope/down valley 2-4 mph through 1100 then upslope/up valley 3-6 mph. Ridges, unsheltered areas, wind-aligned drainages: West-northwest 4-8 mph.
* **MAX TEMPERATURES:** 87-92 bottom, 82-87 top.
* **MIN RH:** 8-13% bottom, 13-18% top.
* **INVERSION (MSL):** 4,500 ft in the morning rising to 11,000 ft after noon.

**SUNDAY NIGHT:**

* **WEATHER:** Mostly clear.
* **WIND (20 FT):** Sheltered areas: Downslope/down valley 2-4 mph. Ridges, unsheltered areas, wind-aligned drainages: South-southwest 3-6 mph.
* **MIN TEMPERATURES:** 50-55 bottom, 60-65 top.
* **MAX RH:** 60-80% bottom, 30-40% mid-slope and above.
* **INVERSION (MSL):** Weak developing mid-slope. Secondary inversion lowering to 4,500 feet.

**MONDAY:**

* **WEATHER:** Mostly sunny. Breezy in the afternoon over the ridges and exposed areas.
* **WIND (EYE LEVEL):** Sheltered areas: Downslope/down valley 2-4 mph through 1100 then upslope/up valley 3-6 mph. Ridges, unsheltered areas, wind-aligned drainages: Southwest 6-12 mph with gusts to 17 mph.
* **MAX TEMPERATURES:** 85-90 bottom, 80-85 top.
* **MIN RH:** 8-13% bottom, 13-18% top.
* **INVERSION (MSL):** Weak mid-slope lifting by 1100. Secondary inversion at 4,500 ft rising to 11,000 ft after noon.

**Extended outlook: Tuesday:** Partly cloudy and cooler. Highs 70-80. Minimum humidity: 20-30%. Winds southwest 5-10 mph. **Wednesday and Thursday:** Partly to mostly cloudy with a slight chance of rain. Highs upper 50s to upper 60s. Minimum humidity: 45-60%. Winds west-southwest 5-10 mph with gusts to 15 mph.