

California OES Weather Threat Briefing

November 8, 2018
9:00 AM PST

- **Day 1 Primary Hazards:** Critical fire weather conditions across much of California.

National Weather Service
*Western Region Headquarters
Regional Operations Center
Salt Lake City, UT*



Key Points

11/08/18 - 11/14/18

Thursday - Friday

- Critical fire weather conditions due to gusty winds and low relative humidity. All regions of California will see some areas of these critical conditions; the strongest winds are expected in:
 - East Bay Hills and North Bay Mountains of the SF Bay Area
 - Most of southern California

Saturday

- Winds weakening, but lingering elevated to locally critical fire weather conditions likely.

Sunday - Monday

- Southern California could see a repeat moderate Santa Ana wind event, with winds potentially gusting to 50 mph once again

Tuesday- Wednesday

- Winds decrease again, but elevated fire weather conditions persist. No precipitation expected through Wednesday, except perhaps light showers along the California/Oregon border.



California Weather Impacts

11/08/18 - 11/14/18

<u>Hazards / Day</u>	THU	FRI	SAT	SUN	MON	TUE	WED
Non-Thunderstorm Damaging Winds	Southern	Southern		Southern	Southern		
Snow							
Coastal Flooding							
River Flooding							
Thunderstorms (Wind / Hail / Tornadoes)							
Fire Weather (Low Humidity / Wind / Dry Thunderstorms)	All Regions	All Regions	All Regions	Southern	Southern	All Regions	All Regions
Heat Risk							
Heavy Rain / Flash Flooding / Debris Flow							
Extreme Cold							



No Impacts



Minimal Impacts



Moderate Impacts



Severe Impacts

Thursday-Friday Offshore Wind Event Summary

- **A moderate to locally strong offshore wind event is expected Thursday and Friday. The areas with the strongest forecast winds include:**
 - **Most of southern California**
 - **The East Bay Hills and North Bay Mountains of the SF Bay Area**
- **Speeds**
 - Sustained winds 20-30 mph with gusts 45-55 mph are generally expected
 - Higher gusts up to 60-70 mph possible in the mountains
- **Other locations**
 - Elevated to critical fire weather conditions are also expected across much of California. In particular, much of the Inland Region will also see very dry conditions and 35-50 mph wind gusts.



Thursday-Friday Offshore Wind Event Summary

- **Relative Humidity**
 - Relative humidity is expected to bottom out at 5-10 percent, with poor overnight recoveries in the hills and windier locations
- **Timing**
 - Offshore winds have already begun to increase significantly
 - The strongest winds are expected today in northern/central California, then tonight into Friday morning in southern California
 - Critical conditions will continue through the day Friday, before winds weaken late Friday into Saturday
- Southern California could see another moderate Santa Ana wind event Sunday night into Monday morning



Santa Ana Wildfire Threat Index

Moderate to locally high (Los Angeles and Ventura Counties)
 Santa Ana event across southern California.

<https://fsapps.nwcg.gov/psp/sawti>

NO RATING
MARGINAL
MODERATE
HIGH
EXTREME

Winds are either not expected, will not contribute to significant fire activity.

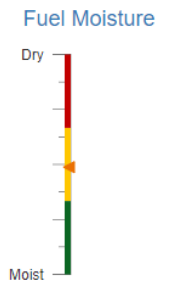
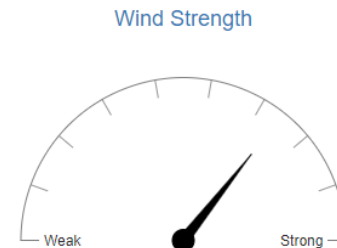
Upon ignition, fires may grow rapidly.

Upon ignition, fires will grow rapidly and will be difficult to control.

Upon ignition, fires will grow very rapidly, will burn intensely, and will be very difficult to control.

Upon ignition, fires will have extreme growth, will burn very intensely, and will be uncontrollable.

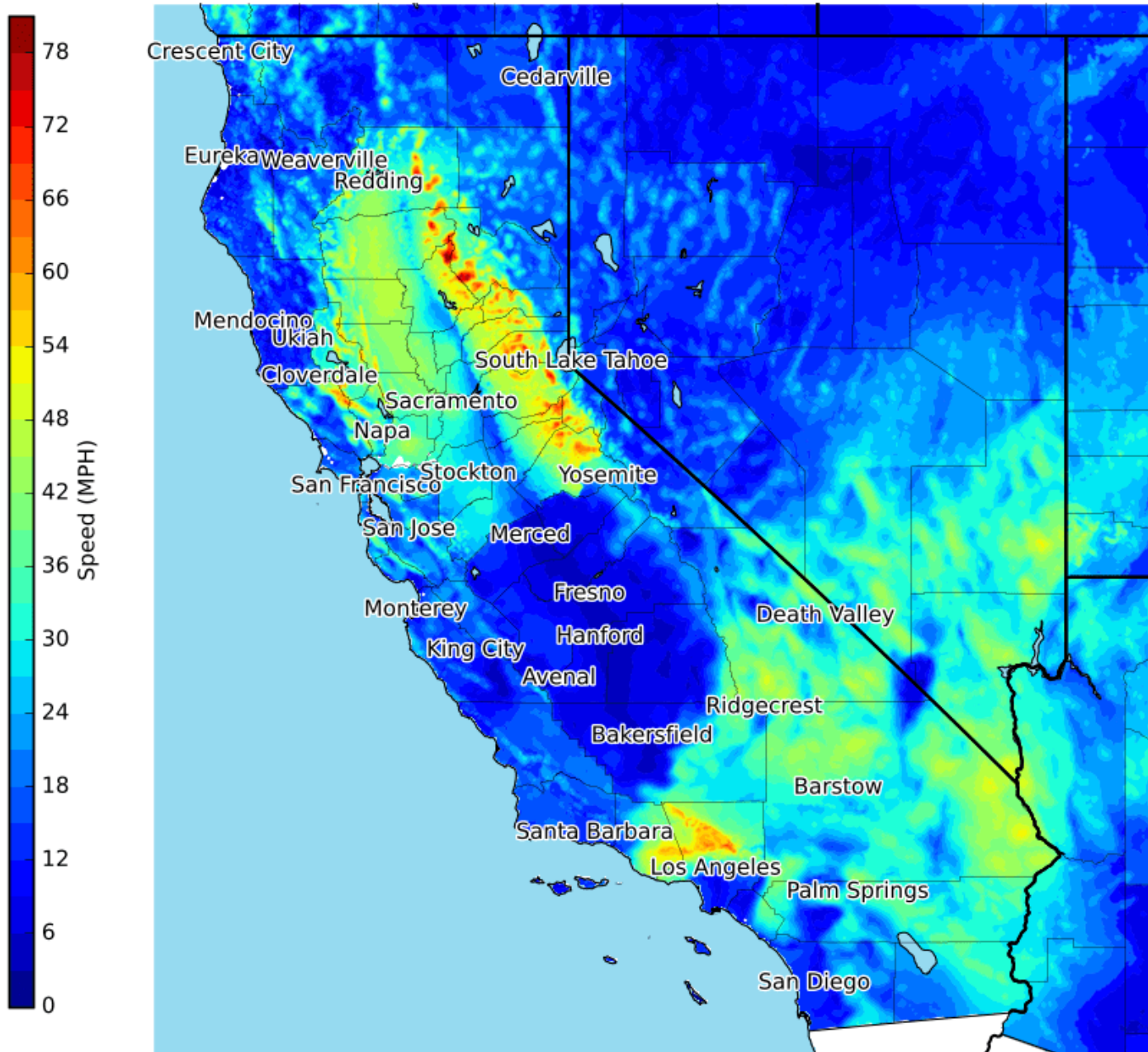
Zone 1: LA-Ventura



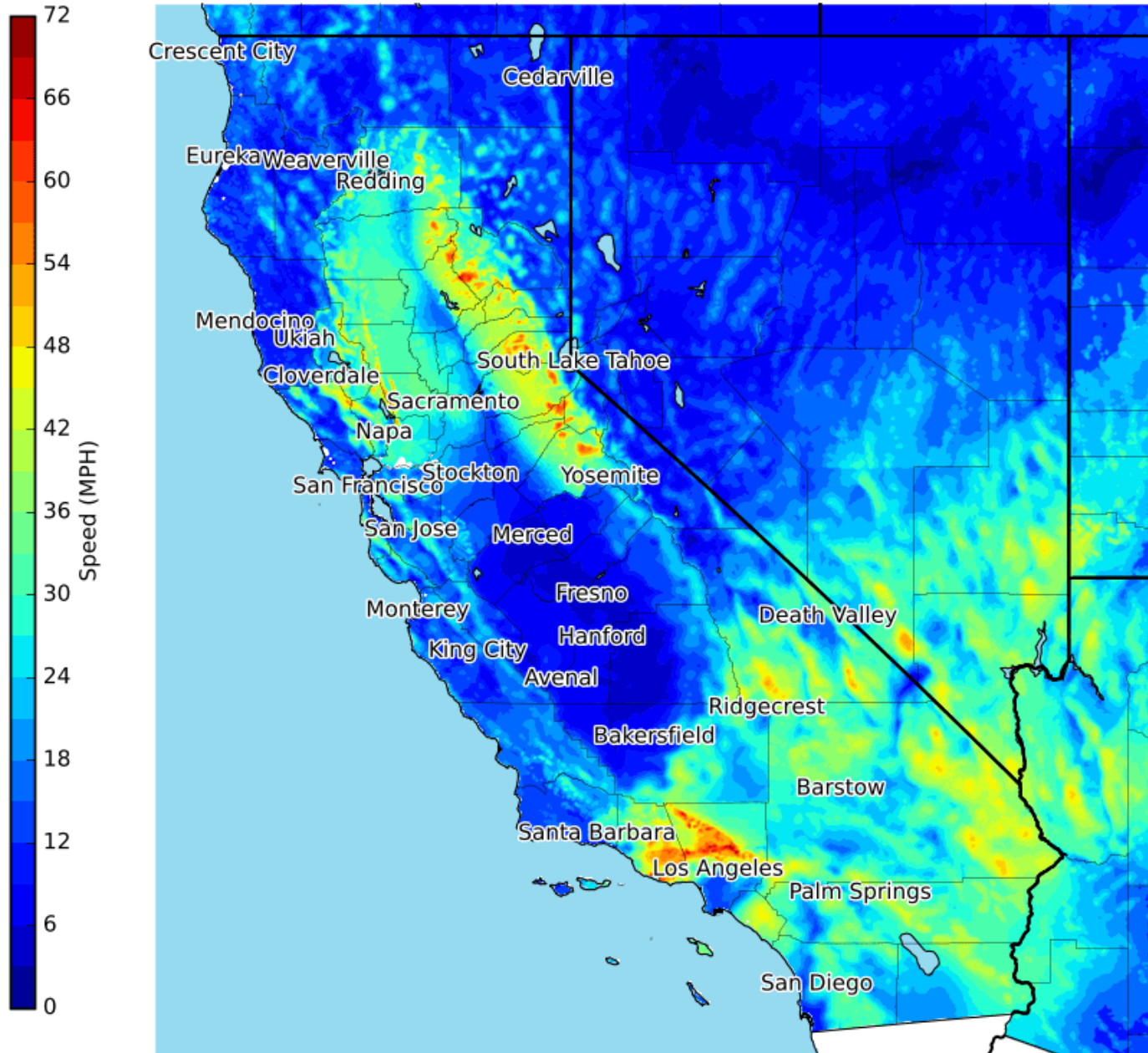
Zones	Thu/Nov 8	Fri/Nov 9	Sat/Nov 10
Zone 1: LA-Ventura	High	High	No Rating
Zone 2: Orange-Inland Empire	Moderate	Moderate	No Rating
Zone 3: San Diego	Marginal	Moderate	No Rating
Zone 4: Santa Barbara	No Rating	No Rating	No Rating

Zones	Sun/Nov 11	Mon/Nov 12	Tue/Nov 13
Zone 1: LA-Ventura	Marginal	Moderate	Marginal
Zone 2: Orange-Inland Empire	No Rating	Moderate	Marginal
Zone 3: San Diego	No Rating	Moderate	Moderate
Zone 4: Santa Barbara	No Rating	No Rating	No Rating

Forecasted Peak Wind Gusts Thursday (daytime)



Forecasted Peak Wind Gusts Thursday Night/Friday Morning



6-10 Day Outlook

Temperatures

- Above normal temperatures likely for much of the state

Precipitation

- Below normal precipitation is favored for most of the state

8-14 Day Outlook

Temperatures

- Above normal temperatures are likely across the state

Precipitation

- Below normal precipitation slightly favored for most of the state



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