

California OES Weather Threat Briefing

Thursday, December 13, 2018
9:00 AM PST

- **Day 1 Primary Hazards:** No significant impacts expected today. Some minor travel impacts, mainly for lightweight and high profile vehicles, possible tonight due to gusty winds across coastal and interior Northwest CA

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



Key Points

12/13/18 - 12/19/18

Thursday

- Weak Santa Ana winds across Coastal Southern CA today
 - Northeast winds 15-25 mph. Local gusts to 35 mph through midday today
 - Winds weaken slightly this afternoon, but off-shore winds with gusts 20-30 mph through mid-morning Friday
- Strong South Winds with gusts 40-50 mph tonight and early Friday across coastal and interior Northwest CA
- Areas of locally dense fog possible tonight, mainly in the San Joaquin Valley

Friday-Saturday

- A weak weather system moves through Friday, with precipitation mainly for Bay area northward and generally north of Interstate 80
 - Generally 0.25-0.50 inch of precipitation expected Friday-Friday Night
 - Higher amounts, 0.50-1.00 inch for northern Coastal Range areas
 - Rainfall rates are not expected to reach debris flow thresholds on any burn scar on Friday
 - Snow levels around 5000-5500 ft over northern mountains, with minor travel impacts possible on higher passes
 - Gusty winds will create hazardous travel conditions Friday for coastal Northern CA, Northeast CA and the Tahoe Basin.



Key Points

12/13/18 - 12/19/18

Sunday-Monday

- Moderate storm system to bring precipitation over CA Sunday-Monday
 - Mainly Northern and Central CA
 - Generally 0.5-1.5 inches of rainfall with this system
 - Higher amounts, 2-3 inches, expected for North Bay Mountains and the Shasta County fire areas
 - Brief period of heavy rain possible Sunday afternoon in the North Bay
 - Rain will reach parts of southern California late Sunday night into Monday, but rain amounts at this time expected to be only 0.25-0.50 inch but at this time dangerous rainfall rates are not expected across area burn scars.
 - More significant Sierra snowfall (6-12 inches) at pass levels expected to create travel impacts Sunday night into Monday

Tuesday-Wednesday

- Additional potential for elevated fire weather concerns Tuesday-Wednesday next week with offshore winds bringing lower humidity for inland southern CA areas with periods of gusty Santa Ana winds.



California Weather Impacts

12/13/18 - 12/19/18

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

 No Impacts

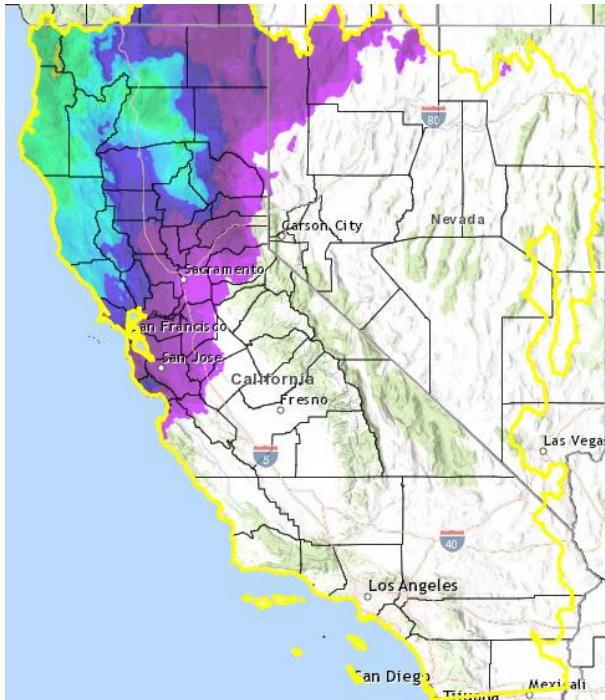
 Minimal Impacts

 Moderate Impacts

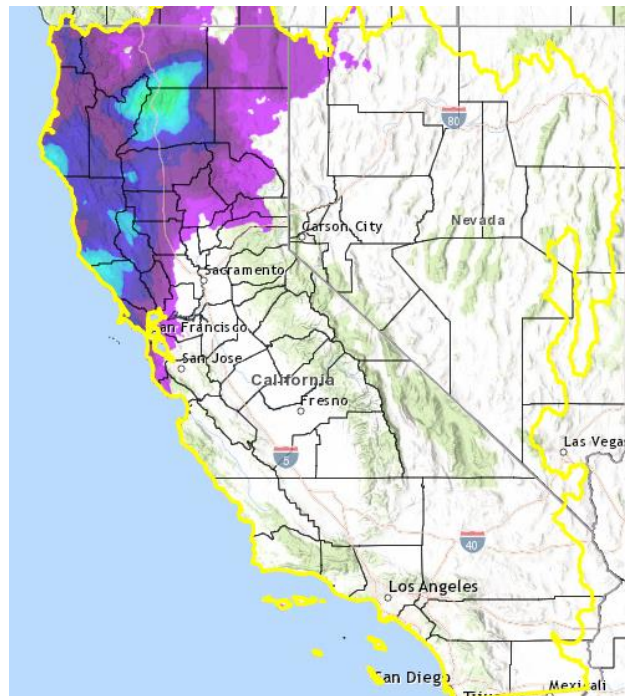
 Severe Impacts

Precipitation Forecast

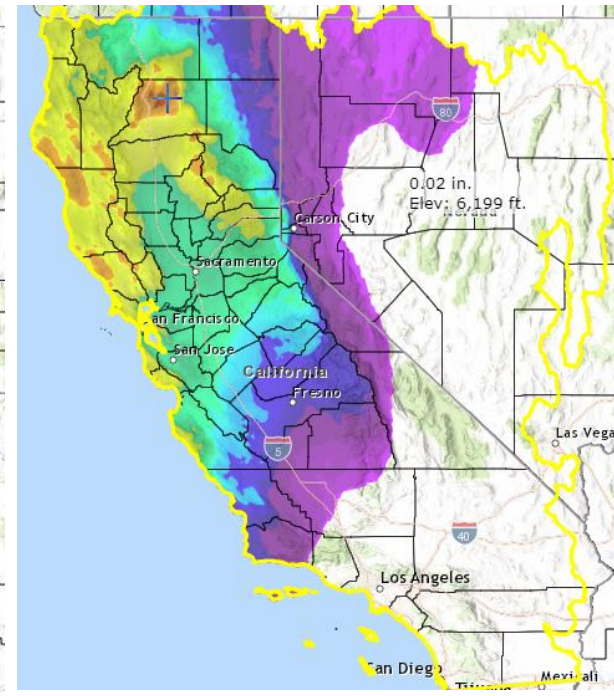
Precipitation (inches)



Friday



Saturday



Sunday



6-10 Day Outlook (Dec 18-22)

Temperatures

- Above normal temperatures favored statewide.

Precipitation

- Below normal precipitation favored across much of California.

8-14 Day Outlook (Dec 20-26)

Temperatures

- Above normal temperatures favored statewide

Precipitation

- Below average precipitation favored across California.



Information provided by:

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