California OES
Weather Threat Briefing
Afternoon Update

Tuesday, January 15, 2019
4:00 PM PST

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

Day 1: Greatest impact threat rest of day will be through 11 PM PST. Heavy rain with isolated thunderstorms may cause debris flows on recent burn scars, rock slides on canyon roads and areas of urban flooding in southern CA

Key Points

01/15/19 - 01/21/19

Tuesday

- Next round of storms continues to move through the state with the main impacts over southern CA through Tuesday night
  - Greatest impact threat rest of day will be through 11 PM PST
  - Heavy snow over the mountains of southern CA will impact travel.
    - 1-2 feet above 6500 feet; 6-12 inches between 5500-6500 feet
  - Strong south to southeast winds will impact travel and may cause localized property damage and downed power lines. Winds will cause areas of blowing snow and reduced visibilities in the mountains. Wind gusts of 20-30 mph in the valleys, 40-50 in the foothills and mountains and 60-70 mph over the highest elevations.
  - Heavy rain with isolated thunderstorms may cause debris flows on recent burn scars, especially the Thomas, Whittier, Sherpa and Woolsey areas. Rock slides on canyon roads and areas of urban flooding are also possible.
  - Rainfall amounts are higher than Monday with a potentially higher threat of impacts
- Snow will impact travel over the Sierra

Key Points

01/15/19 - 01/21/19

Wednesday-Thursday

- The potentially most significant storm in this series will push through much of the state bringing the most widespread impacts this week
  - Greatest window of impacts Wednesday afternoon through Thursday morning
  - Heavy rain may cause debris flows on recent burn scars, rock slides on canyon roads and areas of urban flooding
    - Widespread rain amounts of 1-2 inches across the valleys and 2-5 inches over the foothills and mountains
  - Strong winds may cause travel impacts and areas of downed trees, power outages and property damage
    - South winds 25-35 mph with gusts 50-60 mph across central and northern CA; Gusts 70-100 mph over the ridge tops in the Sierra
  - Mountain travel will be significantly impacted with blizzard conditions over the Sierra
    - 2-5 feet over the Sierra and mountains of northern CA; locally higher amounts over the highest peaks of the Sierra

Key Points

01/15/19 - 01/21/19

Friday

- Another much weaker storm system will bring valley rain and mountain snow to far northern CA. Minor impacts to travel due to the snow.

Saturday

- Dry conditions across the state except for the northern coastal areas with no significant impacts

Sunday

- Next round of precipitation over northern CA. Locally heavy rain possible. Snow may impact travel over the Sierra.

Monday

- Dry conditions across the state except with no significant impacts

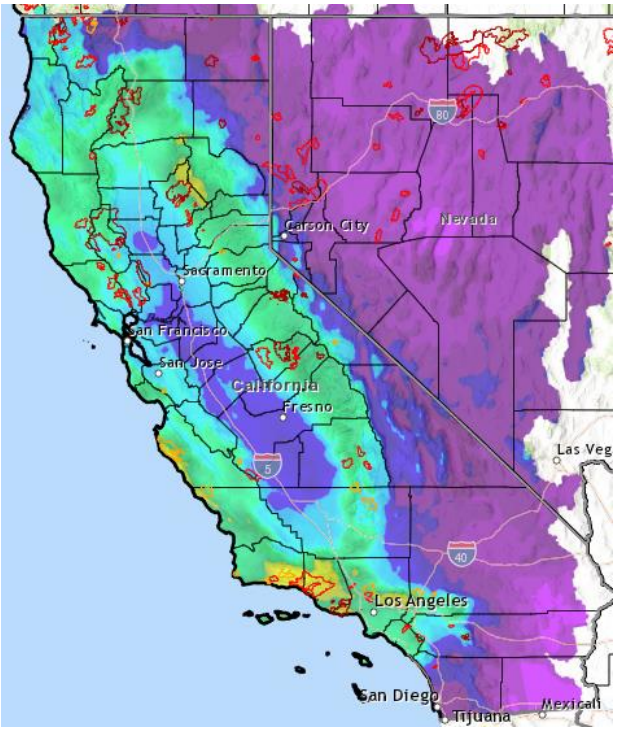
California Weather Impacts

01/15/19 - 01/21/19

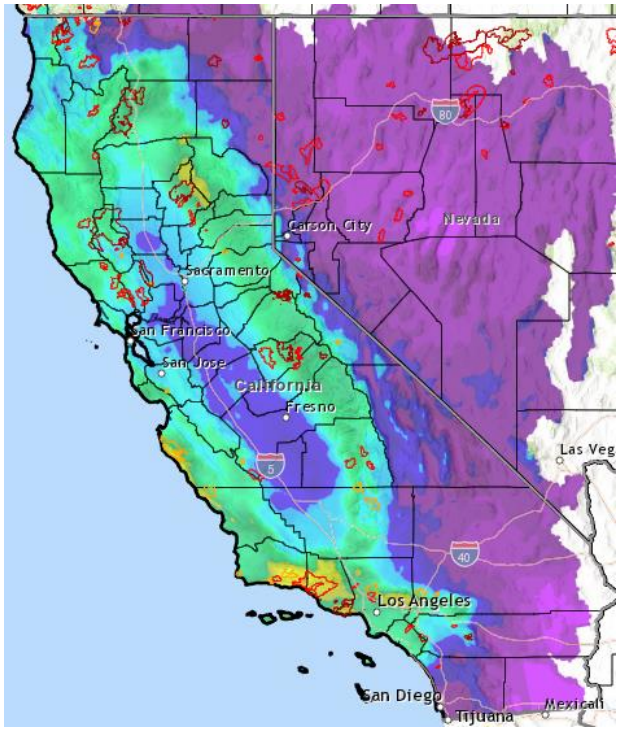
Hazards / Day	TUE	WED	THU	FRI	SAT	SUN	MON
Non-Thunderstorm Damaging Winds	Southern	All Regions	All Regions				
Snow	Inland Southern	Inland	Inland	Inland		Inland	
Coastal Flooding							
River Flooding							
Thunderstorms (Wind / Hail / Tornadoes)	S CA						
Fire Weather (Low Humidity / Wind / Dry Thunderstorms)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

No Impacts | Minimal Impacts | Moderate Impacts | Severe Impacts

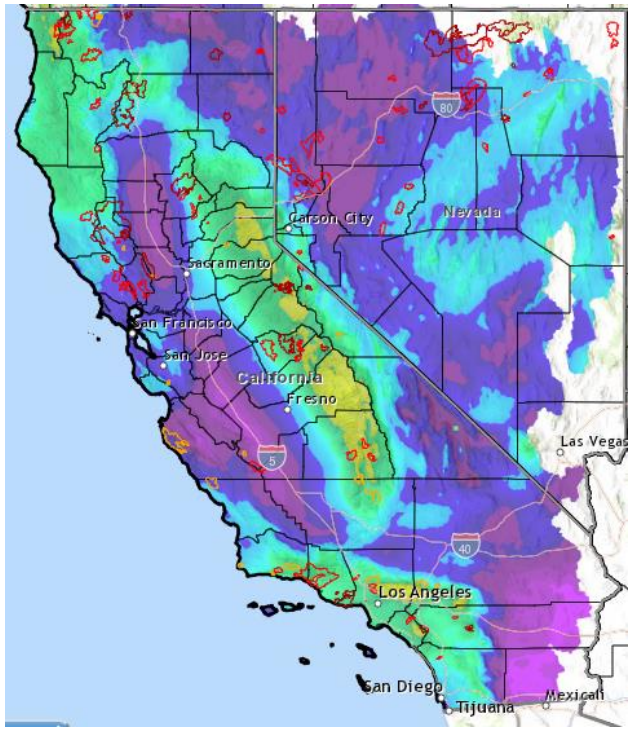
Precipitation Forecast



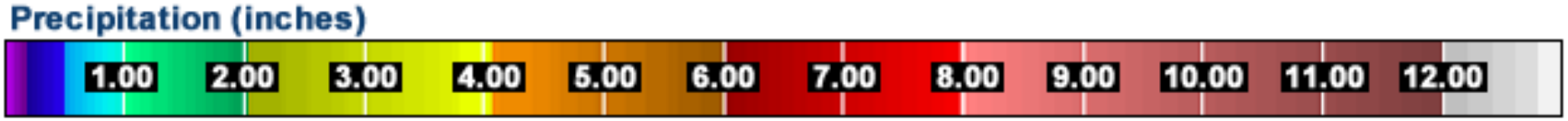
Tuesday



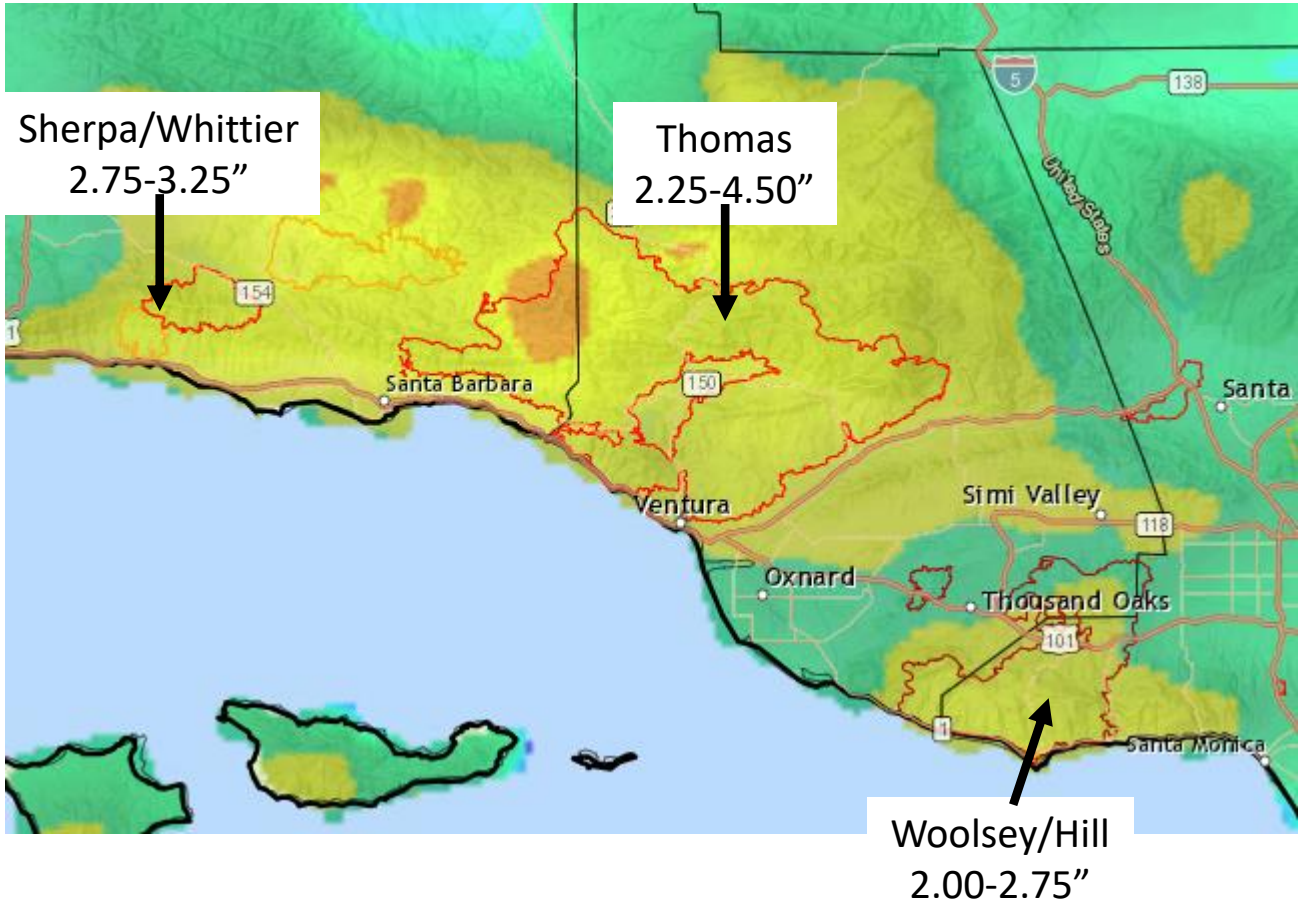
Wednesday



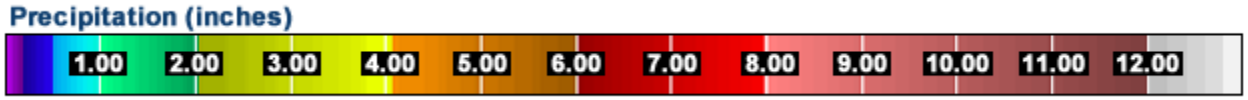
Thursday



Tuesday Storm Total Precipitation Forecast for Recent Burn Scar Areas



Locally heavy rain and isolated thunderstorms with possible debris flow impacts over southern CA



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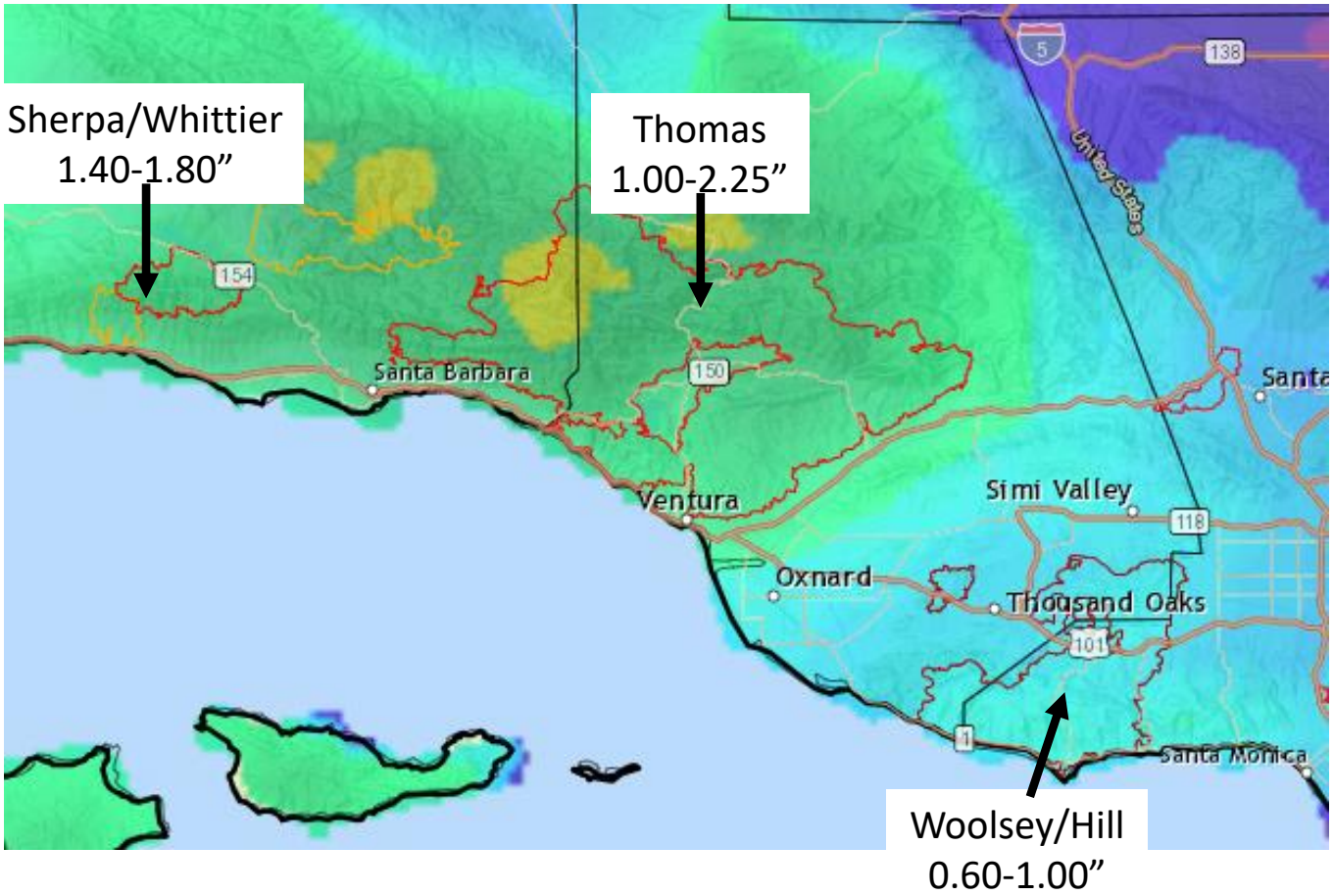

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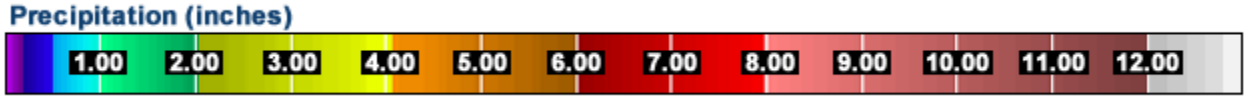

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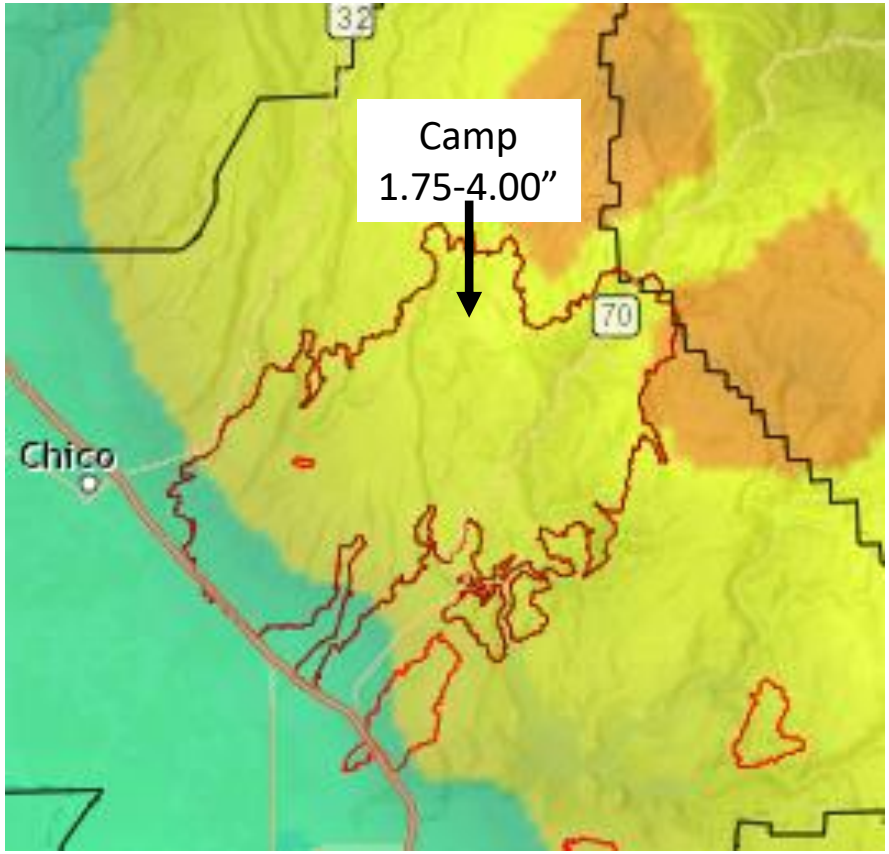

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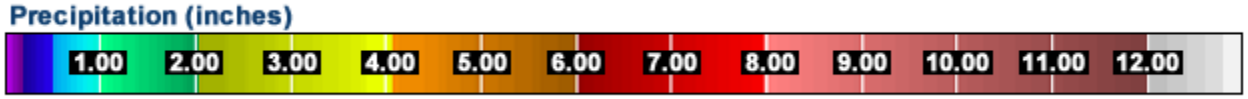
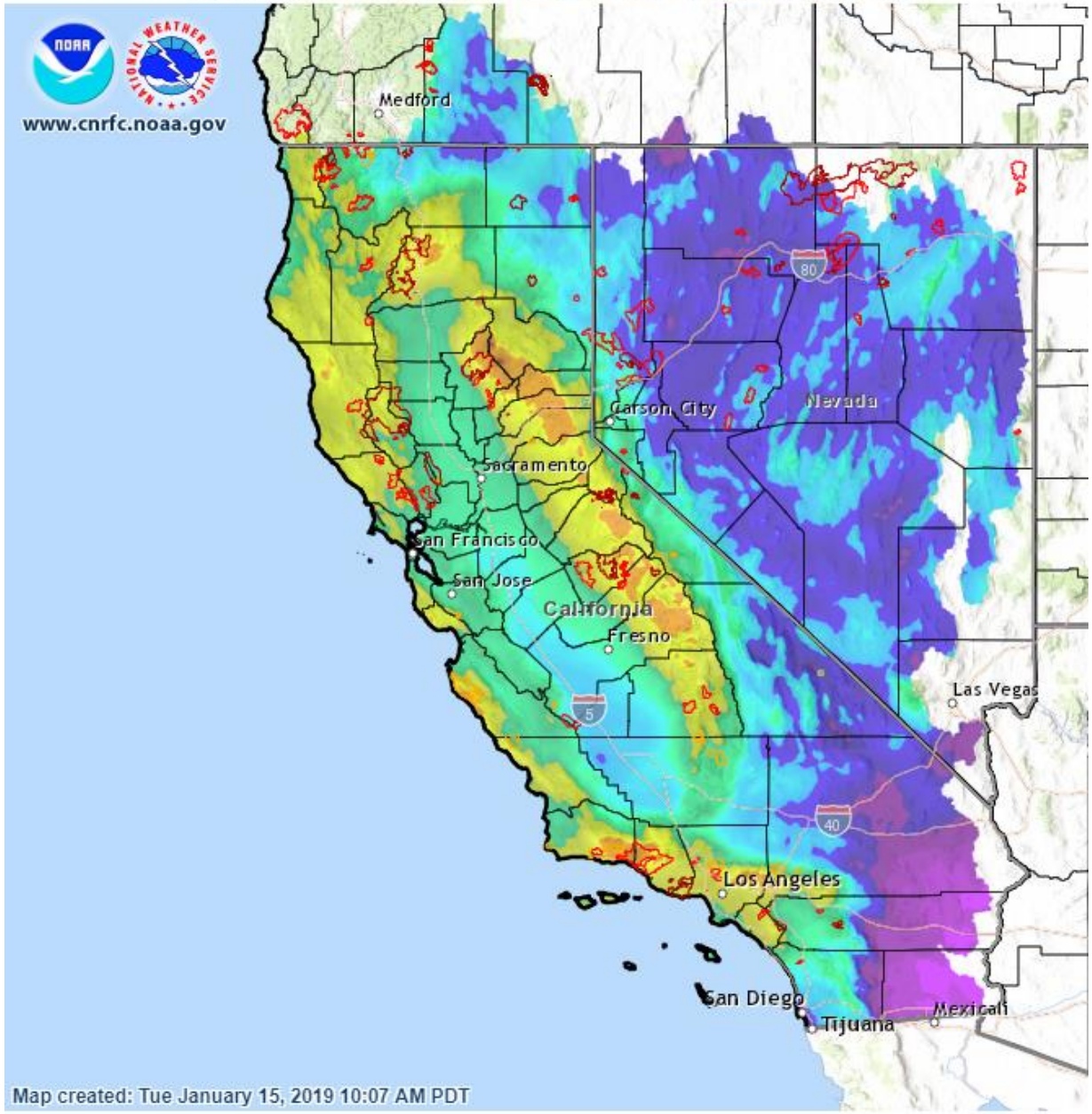


72-Hour Precipitation Forecast

Tue Jan 15 04 AM PST (15/12Z) through Fri Jan 18 04 AM PST (18/12Z)



Precipitation (inches)

1.50 3.00 4.50 6.00 7.50 9.00 10.50 12.00 13.50 15.00 16.50 18.00

6-10 Day Outlook (Jan 20-Jan 24)

Temperatures

- Below normal temperatures favored across the state with low to moderate confidence

Precipitation

- Below normal temperatures favored across the state with low to moderate confidence

8-14 Day Outlook (Jan 22-Jan 28)

Temperatures

- Below normal temperatures favored across the state with low to moderate confidence

Precipitation

- Below normal temperatures favored across the state with low to moderate confidence

Information provided by:

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