

# NWS Los Angeles/Oxnard Weather Briefing

**Decision Support Briefing for  
Tuesday, February 12, 2019**



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**Webinar Audio:**

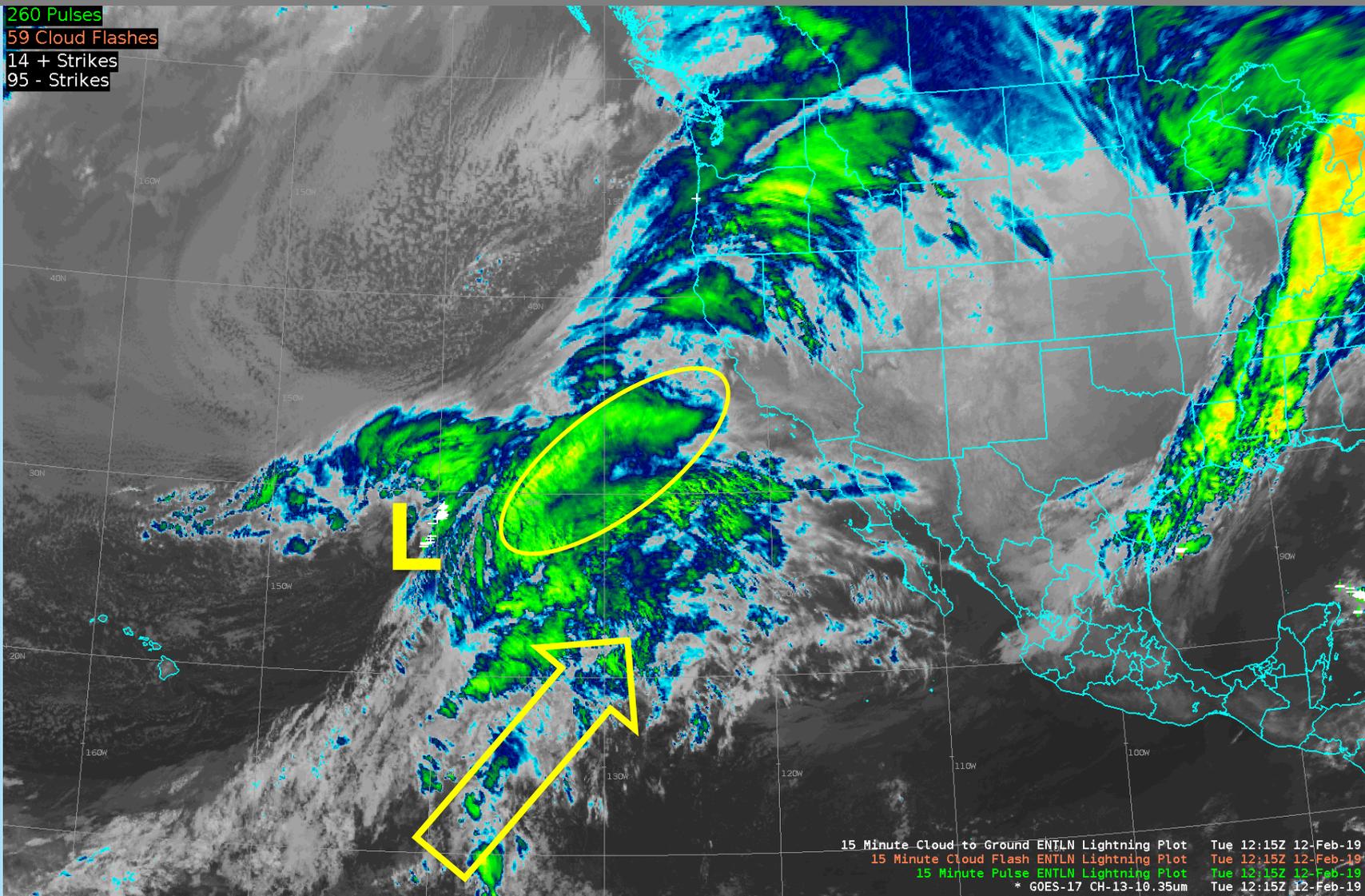
**(213) 929-4232**  
**access code: 965-503-176#**

Please refer to [www.weather.gov/losangeles](http://www.weather.gov/losangeles) for the latest information



# Latest Infrared Satellite Loop – ending at 9am PST

260 Pulses  
59 Cloud Flashes  
14 + Strikes  
95 - Strikes



# Main Points

Wednesday-Thursday

- 2 part storm – Rain begins early Wed with a break in the evening, moderate to briefly heavy rain Thu
- Peak rain rates 0.15-0.30"/hour on Wed, 0.35-0.50"/hour on Thu
  - ✓ *Still some uncertainty on peak rates Thu (higher)*
  - ✓ *One model outlier suggests rates up to 1" per hour*
- Strong SE winds on Wed, shifting to S-SW on Thu
- Warm atmospheric river originating south of Hawaii
- Snow levels above 9000 ft Wed, dropping to 6000 ft by Fri
- High surf conditions possible for central coast Thu-Sat

# Impacts

Wednesday-Thursday

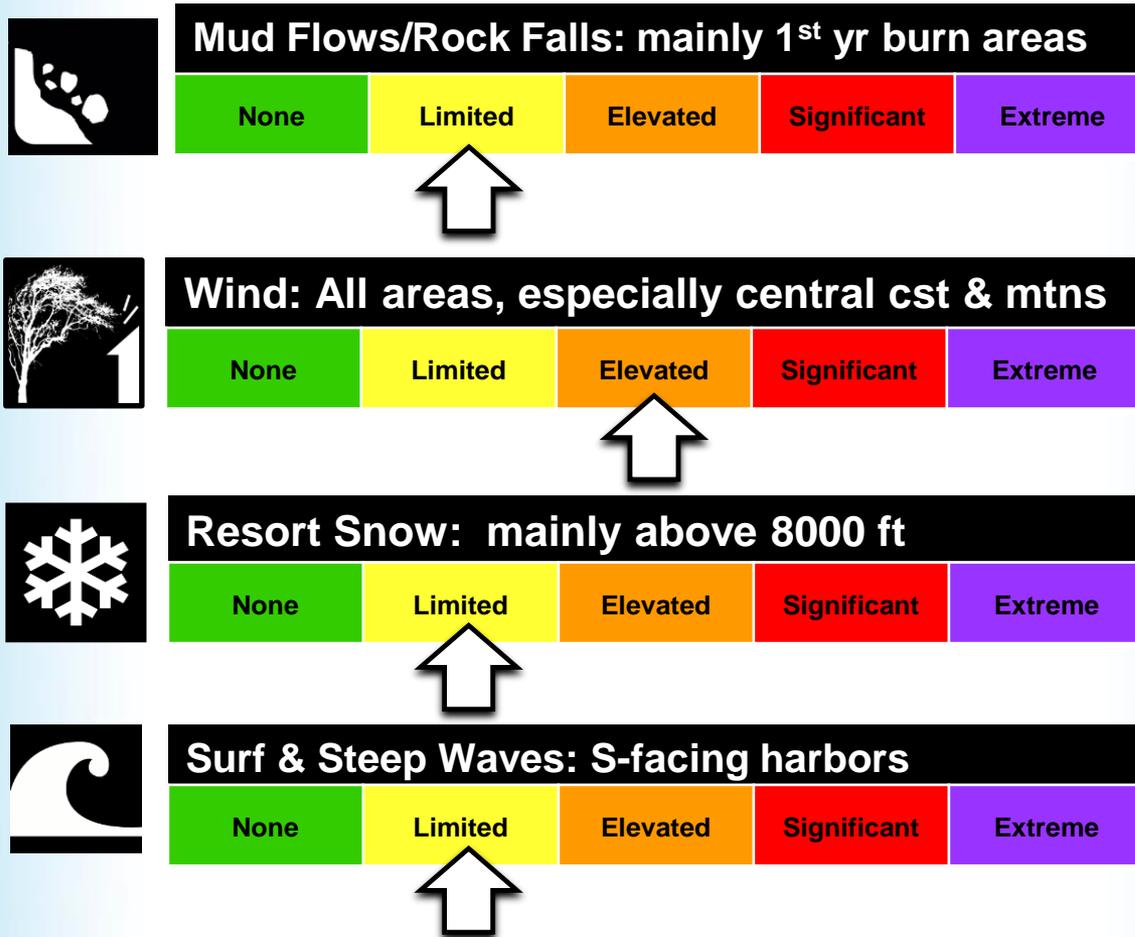
## Majority of impacts expected on Thursday

- Ponding of water on highways and in low-lying areas
- Increased traffic accidents/congestion
- Shallow mud flows and water issues near recent burn scars
- Urban/small creek flooding possible and significant flows in main stem rivers (*river flooding not anticipated*)
- Tree limb damage possible and some power outages from SE winds Wed, S-SW winds Thu

# Main Points

Hazard	Impacts	Location	Timing
<p>Moderate rain at times</p> 	<ul style="list-style-type: none"> <li>• Shallow mud flows &amp; water issues near recent burn scars</li> <li>• Canyon road rock falls</li> <li>• Urban/small stream flooding possible Thu; significant flows in main stem rivers Thu</li> <li>• Traffic accidents/closures</li> </ul>	<ul style="list-style-type: none"> <li>• Main concern is recent 1<sup>st</sup> &amp; 2<sup>nd</sup> year burn scars</li> <li>• Urban areas/small streams</li> </ul>	<ul style="list-style-type: none"> <li>• Peak rain periods: <b>SLO</b> – Wed AM; Thu 4am-10am <b>SBA/VTU Co</b> – Wed AM; Thu 9am–1pm <b>LA Co</b> – Thu 11am-5pm</li> </ul>
<p>Strong SE Winds</p> 	<ul style="list-style-type: none"> <li>• Downed tree limbs &amp; some power outages</li> </ul>	<ul style="list-style-type: none"> <li>• Strongest foothills/mtns gusts to 60 mph</li> <li>• Many areas gusts 35-45 mph</li> </ul>	<ul style="list-style-type: none"> <li>• Wed</li> <li>• Shifting S-SW on Thu</li> </ul>
<p>Resort Snow</p> 	<ul style="list-style-type: none"> <li>• Winter driving highest mountain roads late Thu</li> </ul>	<ul style="list-style-type: none"> <li>• 9000 ft Wed</li> <li>• 7000 ft Thu ngt</li> <li>• 6000 ft Fri</li> </ul>	<ul style="list-style-type: none"> <li>• Mainly Thu night-Fri</li> </ul>
<p>Steep waves, High surf</p> 	<ul style="list-style-type: none"> <li>• Steep wind waves, chaotic seas Wed</li> <li>• Surf 10-15' central cst Thu-Sat</li> <li>• Dangerous rip currents</li> </ul>	<ul style="list-style-type: none"> <li>• All waters</li> <li>• S-facing harbor entrances</li> </ul>	<ul style="list-style-type: none"> <li>• Wed to Thu</li> </ul>

# Summary of Greatest Impacts



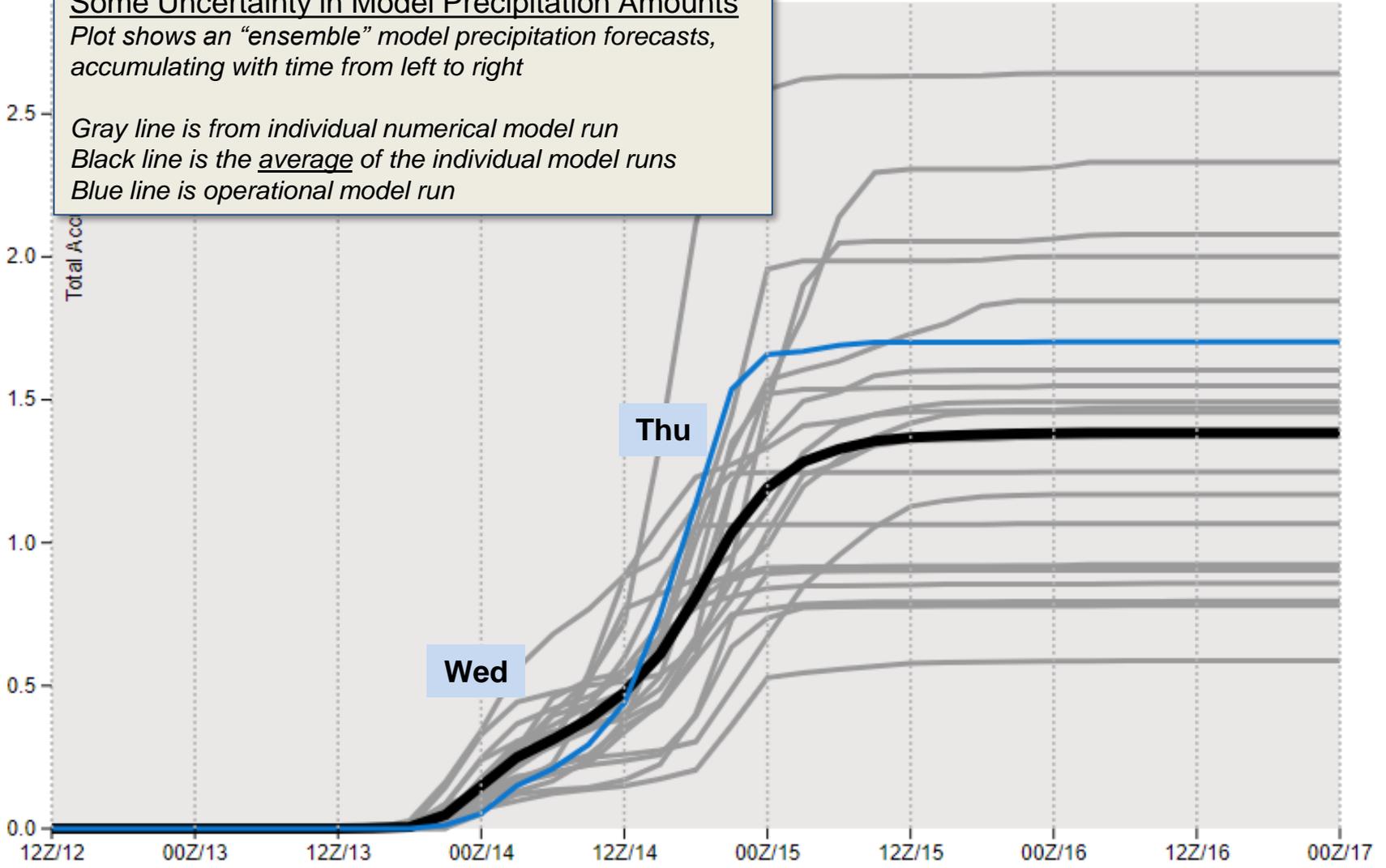


## EMC's GEFS plumes for: KLAX 12 UTC 12 February 2019 cycle

Some Uncertainty in Model Precipitation Amounts  
Plot shows an "ensemble" model precipitation forecasts, accumulating with time from left to right

Gray line is from individual numerical model run  
Black line is the average of the individual model runs  
Blue line is operational model run

Total Precipitation (inches)





## Wed-Thu: Rain Rates

- **Peak Rainfall Rates: Some uncertainty on Thu**
  - *Wed rates 0.15-0.30 inch/hour – locally to 0.50 inch/hr upslope S-facing mountains*
  - *Thu rates 0.35-0.50 inch/hour – possibly to 1 inch/hr along a cold front with instability (2-3 hour period)*
    - *A thunderstorm could develop along the front Thu*
    - *Shallow mud and debris flows for recent burn scars expected*
- **Timing of Peak Rainfall Periods:**
  - *San Luis Obispo County: **Wed AM; then Thu 4am – 10am***
  - *Santa Barbara/Ventura Counties: **Wed AM; Thu 9am – 1pm***
  - *Los Angeles County: **Wed PM; Thu 11am – 5pm***

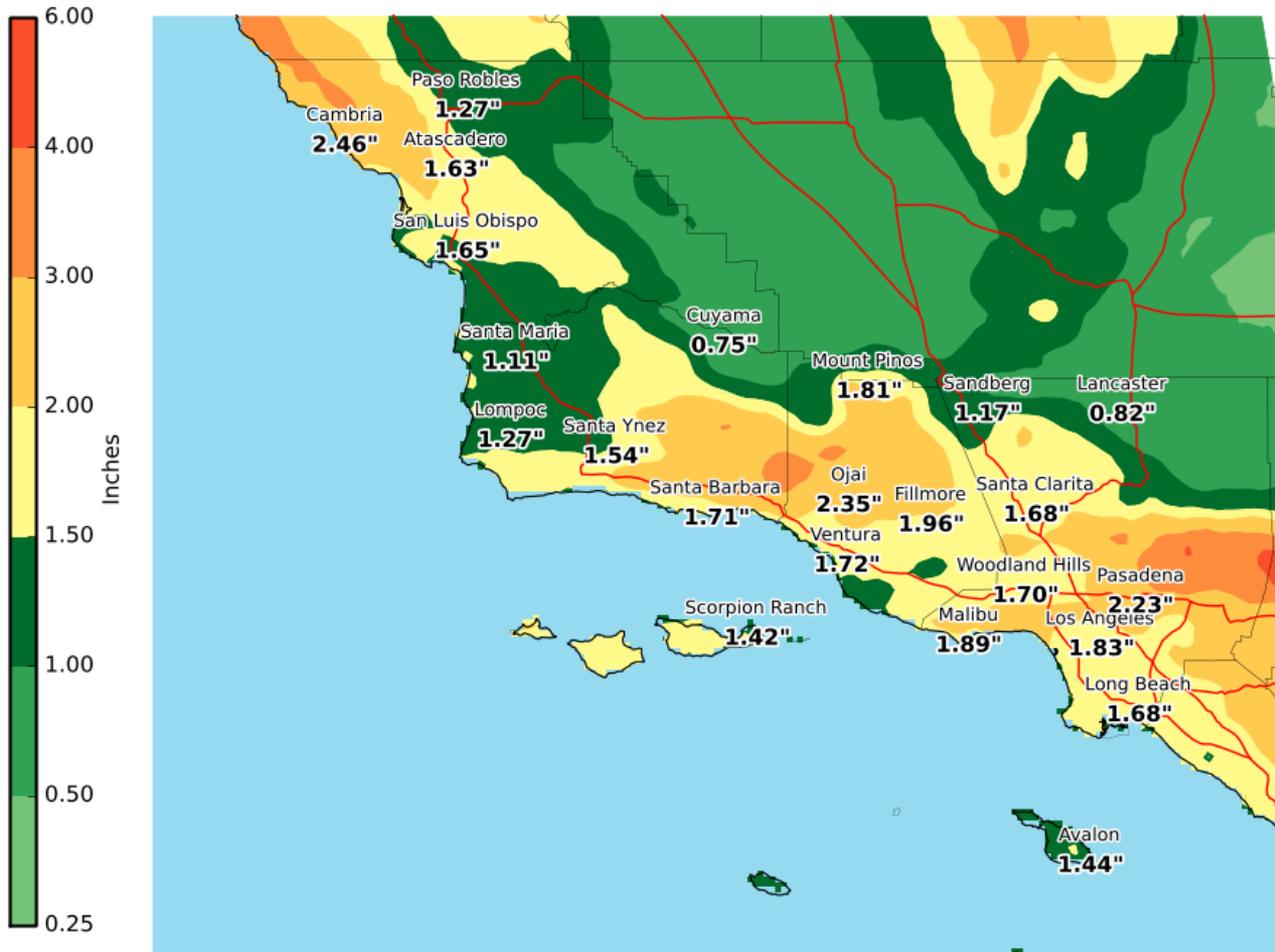


## Wed-Thu: Precipitation Totals

- ✓ **Precipitation Totals:**
  - *1.0-2.5 inches coasts/valleys*
  - *2.5-4.0 inches foothills/mountains, locally 5 inches*
    - *Highest amounts favored in San Gabriel Mountains in LA County*
  - *Snow level 9000 ft Wed dropping to 6000 ft by Fri*
    - *Significant accumulations for higher resort levels*
- ✓ **Scattered showers possible through Friday, dry Saturday**

## Storm Total Rain Through Thursday Night

Valid: 02/12/2019 04:00 PM - 02/15/2019 04:00 AM PST



**National Weather Service**  
 Los Angeles/Oxnard California  
 02/11/2019 12:04 PM PST

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## VENTURA RIVER - FOSTER PARK (VRVC1)

Latitude: 34.35° N

Longitude: 119.31° W

Location: Ventura County in California

Elevation: 200 Feet

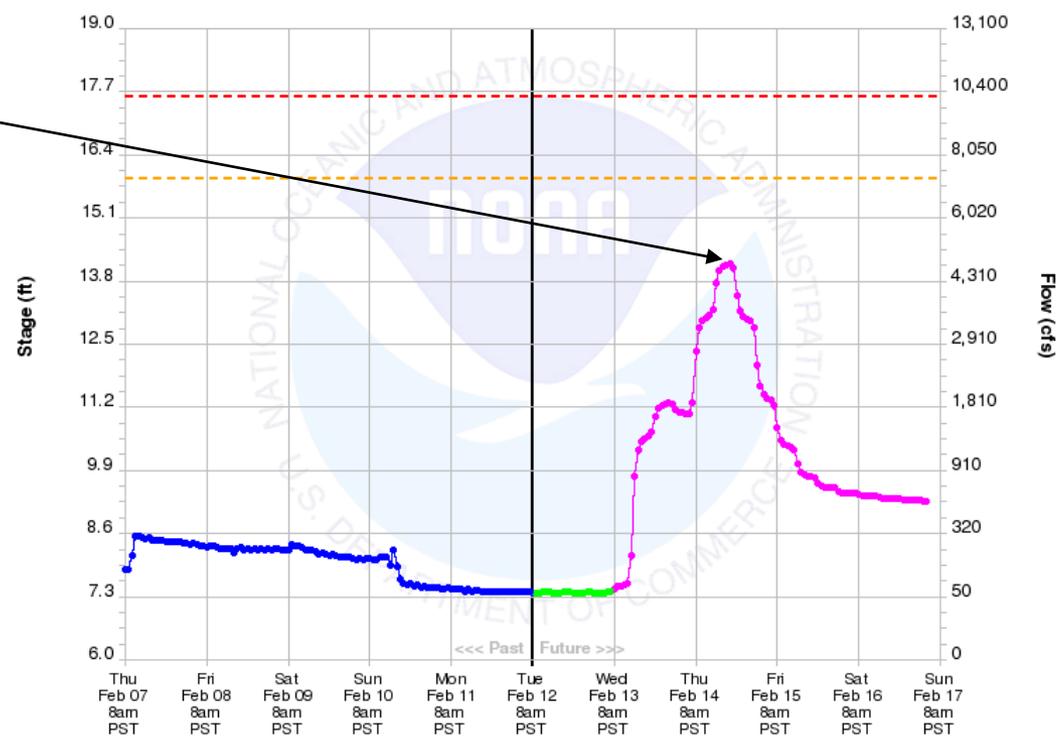
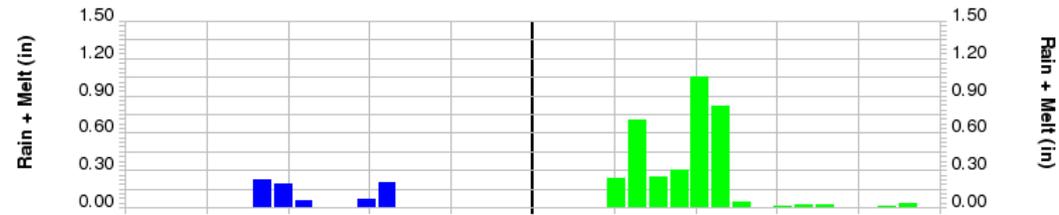
River Group: Southern California

Issuance Time: Feb 12 2019 at 8:19 AM PST

Next Issuance: Feb 12 2019 at 3:00 PM PST

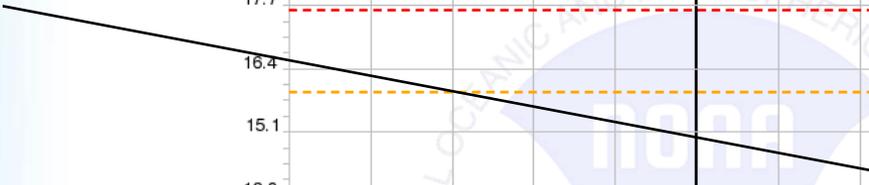
Monitor Stage: 15.9 Feet

Flood Stage: 17.6 Feet



Observed ● Forecast ● Guidance ● Monitor ● Flood - - - - -  
 Created: 02/12/2019 at 8:20 AM PST (VRVC1 Forecast Run Time = 1615Z) California Department of Water Resources  
 NOAA / NWS / California Nevada River Forecast Center

Ventura River  
 forecast peak (magenta)  
 on Thu, 2/14/19 –  
 remaining below flood  
 stage



## Briefing Summary

- ✓ **Storm comes in 2 waves – Wed rain focus SLO Co. hills & upslope S-facing mountains, then all areas Thu**
- ✓ **Peak rain rates highest on Thu along & near cold front**
- ✓ **Higher storm totals in foothills and mountains**
- ✓ **Lingering showers on Friday**
- ✓ **Strong SE winds on Wed, then S-SW on Thu – central coast/mountains and coastal waters**
  
- ✓ **Resort level snow accumulations, especially above 8000 ft**
- ✓ **Passing light showers on Sunday, otherwise mostly dry next week**



# Contact Information

Last briefing for this event



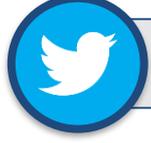
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