

NWS Los Angeles/Oxnard Weather Briefing

**Decision Support Briefing for
*Wednesday, January 16, 2019***



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Webinar Audio:

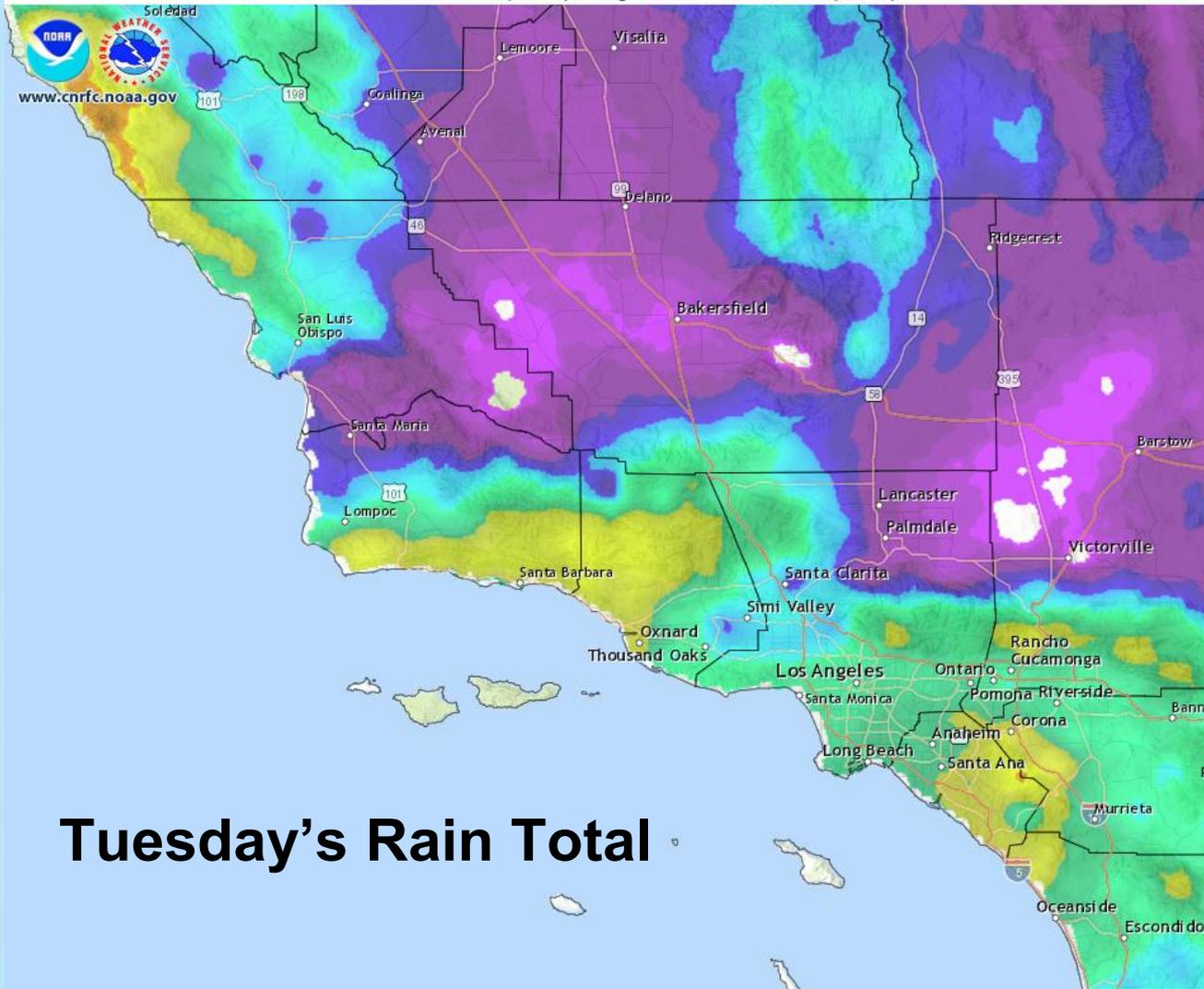
415-655-0052
access code: 766-688-416#

Please refer to www.weather.gov/losangeles for the latest information



Observed 24-Hour Precipitation

Tue Jan 15 04 AM PST (15/12Z) through Wed Jan 16 04 AM PST (16/12Z)



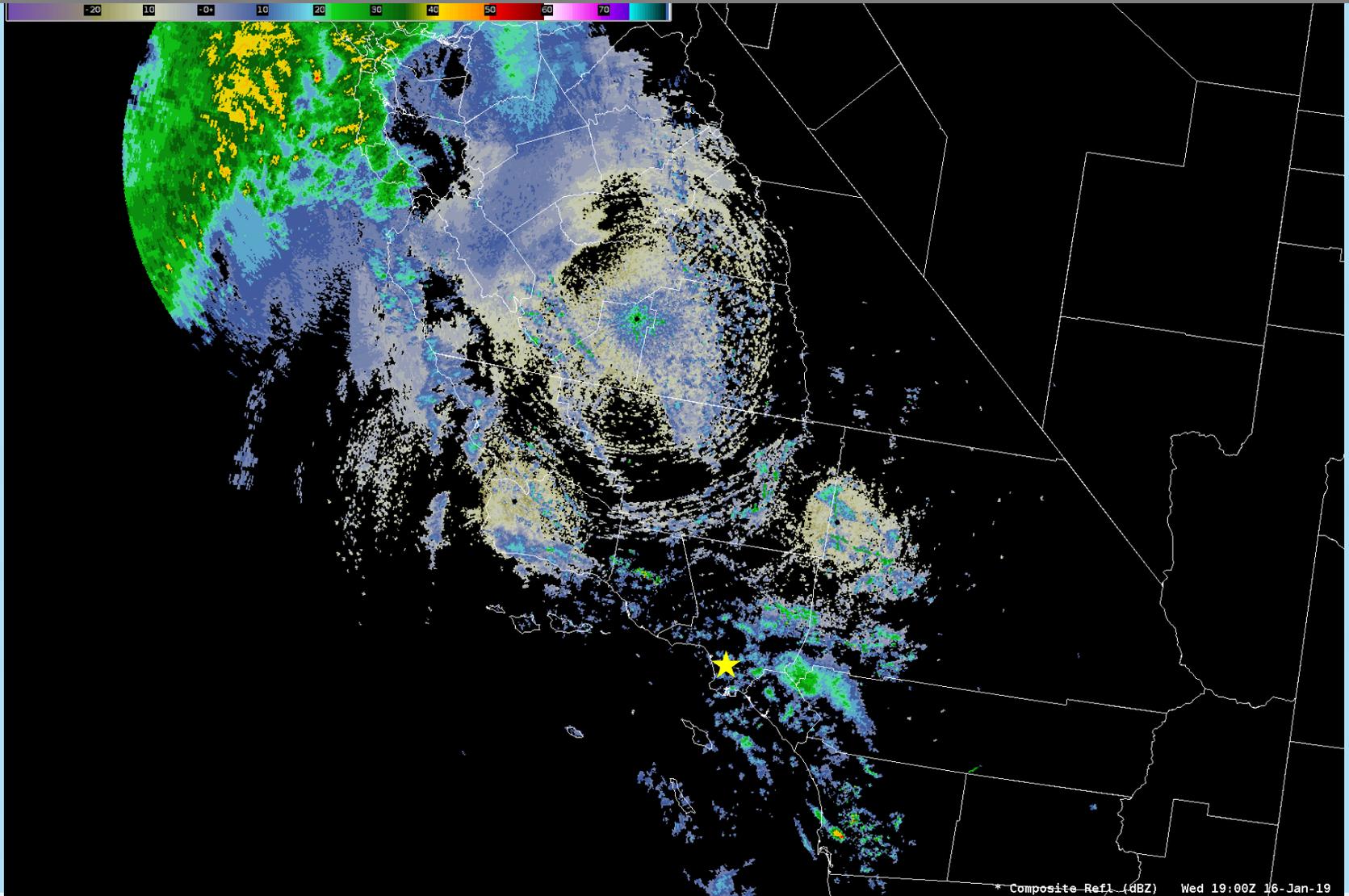
Tuesday's Rain Total

Precipitation (inches)





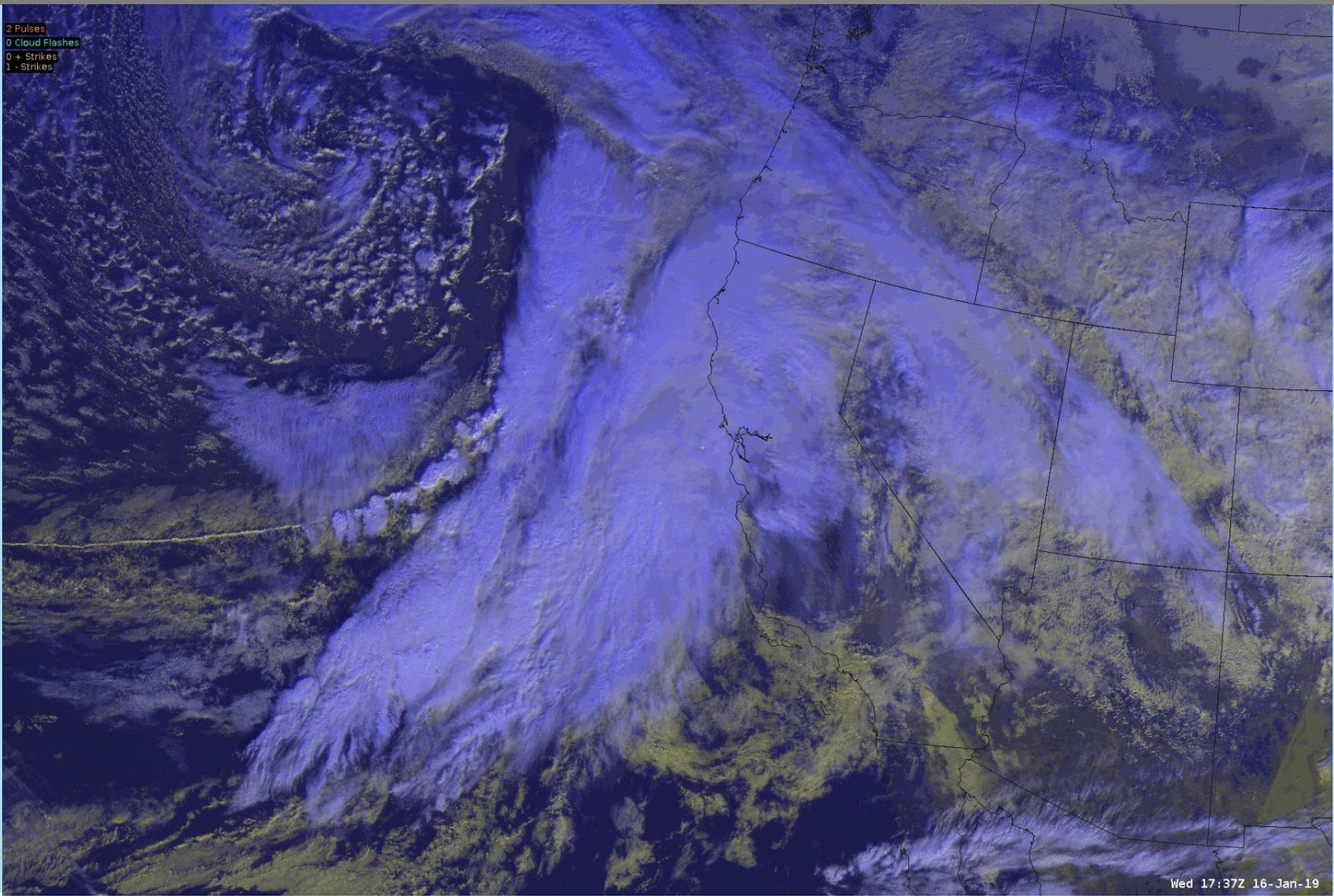
Latest Radar Loop – ending at Noon

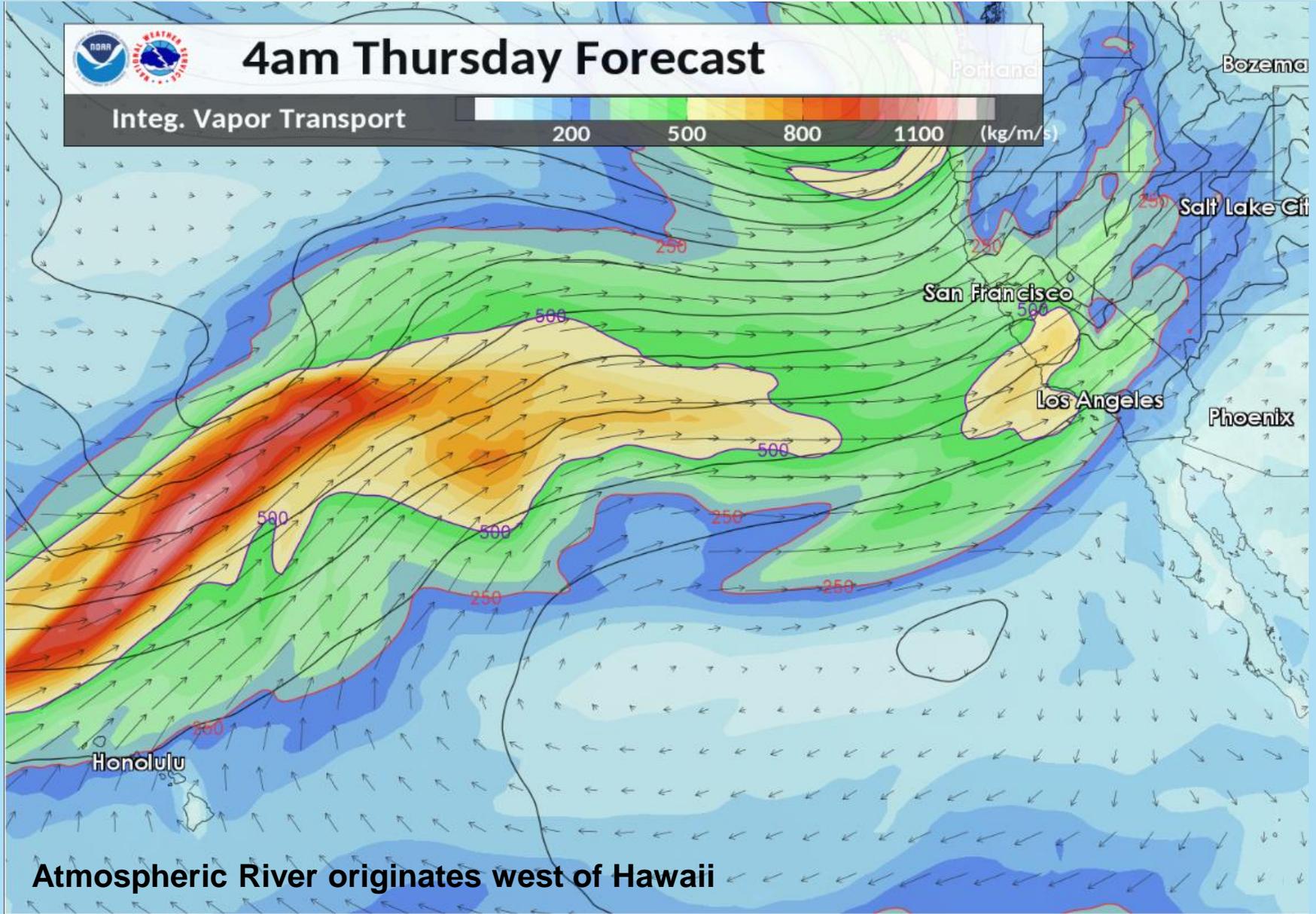


* Composite Refl. (dBZ) Wed 19:00Z 16-Jan-19



Latest Visible Satellite Loop – ending at Noon





Main Points

- Longer duration storm tonight-Thursday with higher storm totals
- Flash flood watch for 1st year burn scars – mainly Woolsey Fire
 - *Elevated Impact - shallow mud and debris flows; some damage possible*
- Peak rain rates expected near baseline thresholds of 0.50-0.75”/hr
- Slight chance of thunderstorms SLO/SBA Counties late tonight & Thu morning

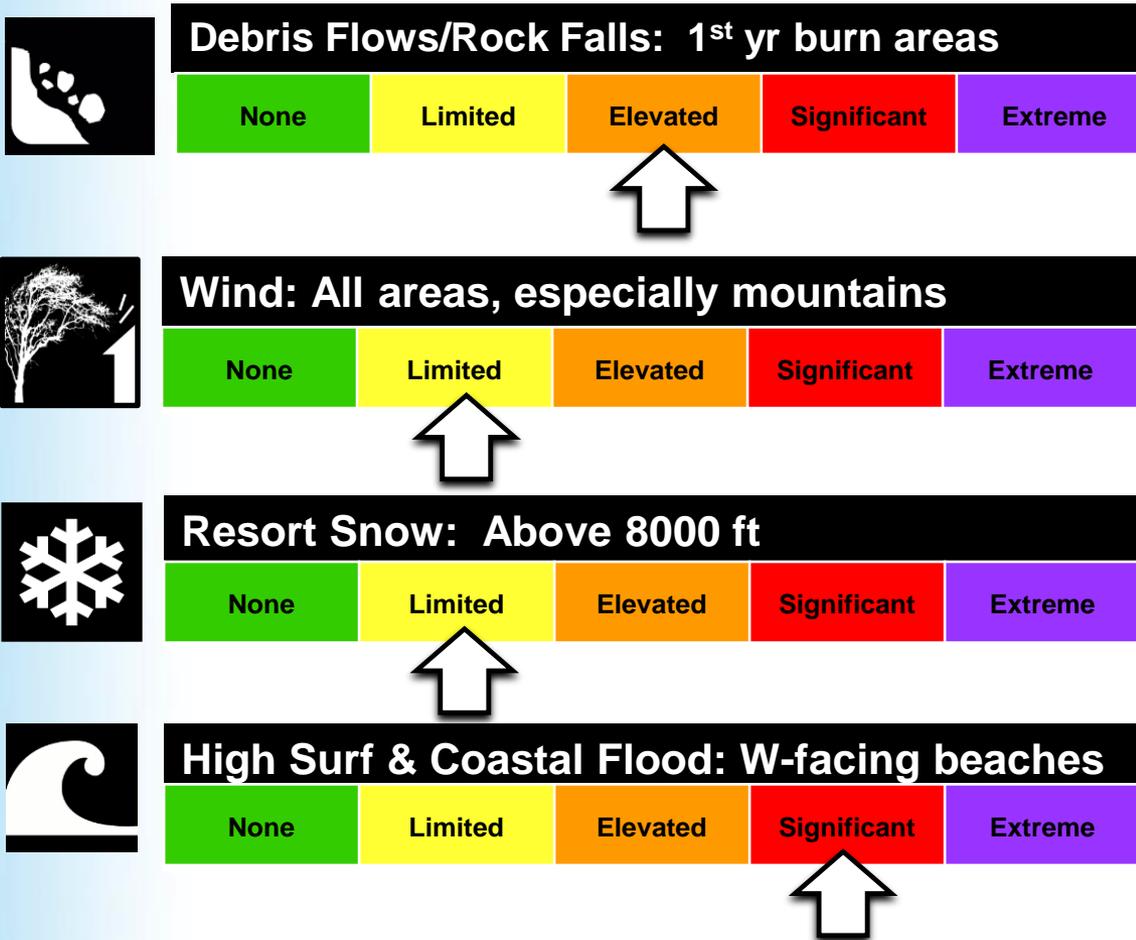
Main Points

- **High surf and significant coastal flooding/beach erosion for west-facing beaches through Friday evening**
 - **Increasing high tides into the weekend**
- **Dry weather after Thursday's storm; potentially dry through the remainder of January**

Main Points

Hazard	Impacts	Location	Timing
<p>Moderate to briefly heavy rain</p> 	<ul style="list-style-type: none"> • Shallow mud and debris flows possible near 1st year burn scars; some damage possible • Small stream/creek flooding possible • Increased traffic accidents/congestion 	<ul style="list-style-type: none"> • 1st year fires - Woolsey, Hill, Stone, & South 	<ul style="list-style-type: none"> • Peak rain periods: SLO – Tonight-Thu 10pm to 8am SBA/VTU Co – Thu 1am to 11am LA Co – Thu 5am to 1pm
<p>Gusty SW Winds</p> 	<ul style="list-style-type: none"> • Downed tree limbs 	<ul style="list-style-type: none"> • All areas, strongest foothills/mtns • Gusts 35-50 mph 	<ul style="list-style-type: none"> • Thru Thursday evening
<p>Resort Snow</p> 	<ul style="list-style-type: none"> • Winter driving higher mountain roads 	<ul style="list-style-type: none"> • Mainly above 8000 feet 	<ul style="list-style-type: none"> • Thru Thursday evening
<p>High Surf</p> 	<ul style="list-style-type: none"> • Significant coastal flooding • Dangerous rip currents • Breaking harbor waves • Surf 18-25 ft north & 11-17 ft south 	<ul style="list-style-type: none"> • W facing beaches 	<ul style="list-style-type: none"> • Thru Friday evening • Increasing high tides into weekend

Summary of Greatest Impacts





Storm Summary: Rain Rates

Wed night-Thu

- **Peak Rainfall Rates:**

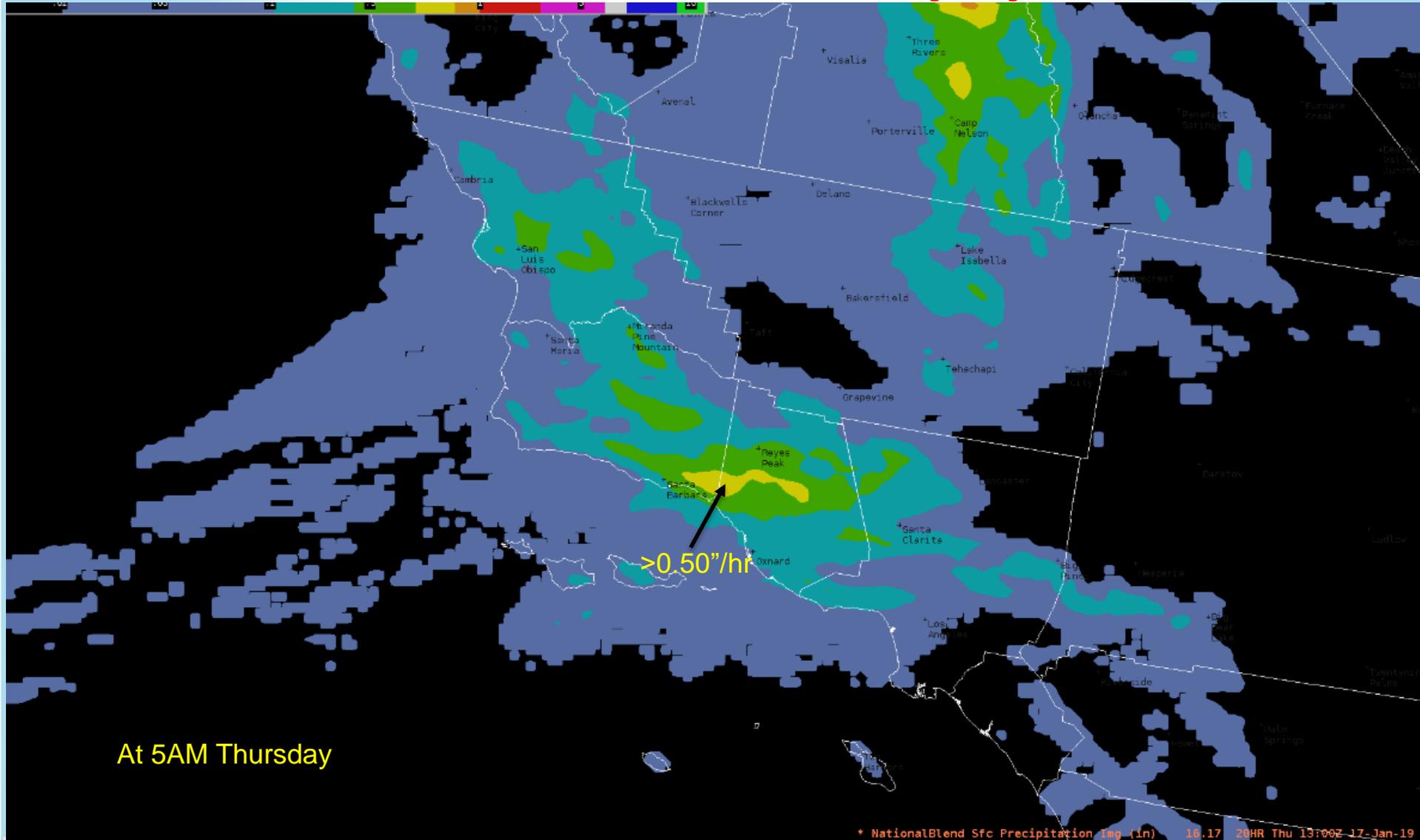
- *0.50-0.75 inch/hour -highest western VTA/eastern SBA Counties*
- *Slight chance of thunderstorms mainly SLO/SBA Counties*
 - *Flash Flood Watch for 1st year burn areas near 0.50 inch/hour rates*
 - *Woolsey, Hill, Stone, and South Fires*
 - *Shallow mud and debris flows; minor damage possible*

- **Timing of Peak Rainfall Periods:**

- *San Luis Obispo County: 10pm – 8am tonight-Thursday*
- *Santa Barbara/Ventura Counties: 1am – 11am tonight-Thursday*
- *Los Angeles County: 5am – 1pm Thursday*



Modeled Rainfall Intensity by Hour



At 5AM Thursday

* National Blend Sfc Precipitation (in) 18.17 20HR Thu 13:00Z 17-Jan-19



Late Wed-Thu: Precipitation Totals

- ✓ **Precipitation Totals:**
 - *1.0-3.0 inches coasts/valleys*
 - *2.0-4.0 inches foothills/mountains with locally higher amounts possible*

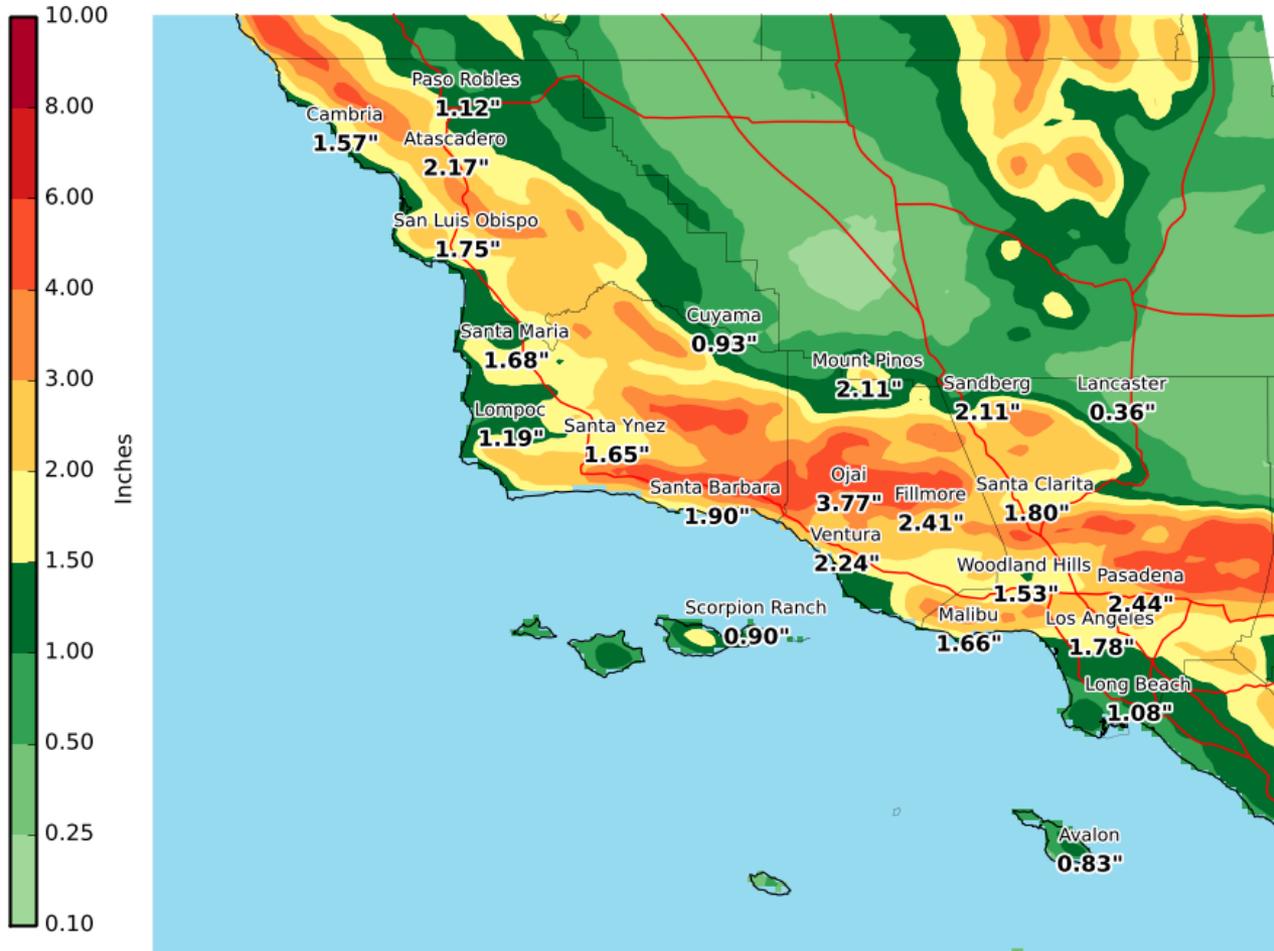
 - *Snow level above 8000 ft*
 - *Highest resort level accumulations likely*

- ✓ **This storm has a significant Atmospheric River moisture source**



Storm Total Rain Through Thursday Night

Valid: 01/16/2019 04:00 AM - 01/18/2019 04:00 AM PST

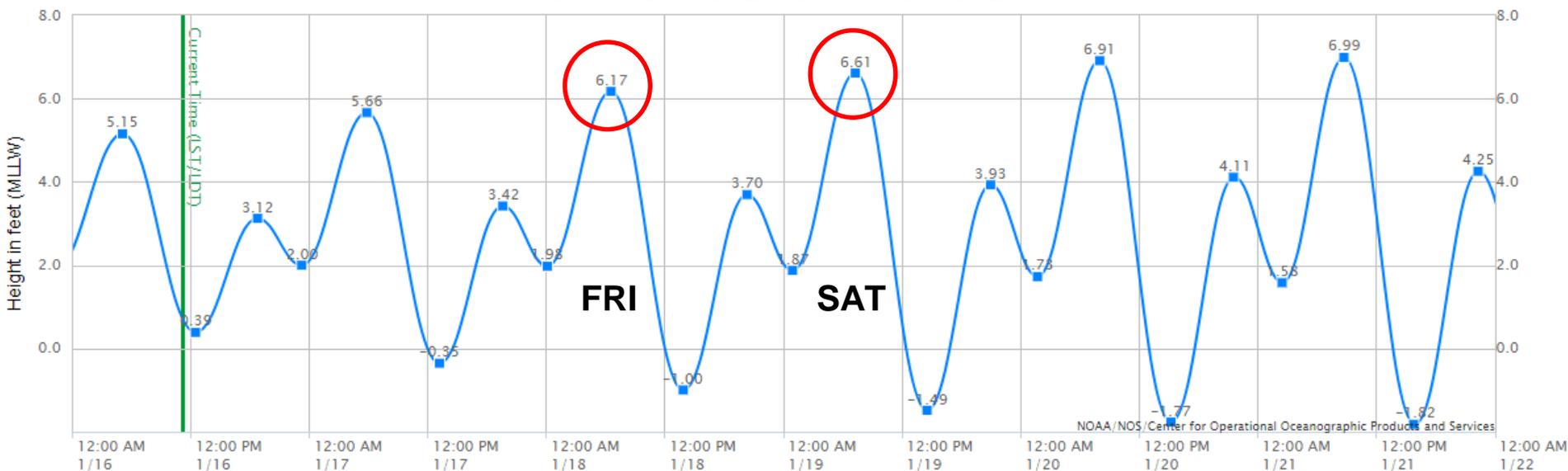


National Weather Service
Los Angeles/Oxnard California
01/16/2019 11:57 AM PST

Follow Us:
weather.gov/LosAngeles

Santa Monica Tide Predictions: Near 7 ft both Friday and Saturday mornings

NOAA/NOS/CO-OPS
 Tide Predictions at 9410840, Santa Monica CA
 From 2019/01/16 12:00 AM LST/LDT to 2019/01/21 11:59 PM LST/LDT



Raw tide prediction guidance
Projection of 7 ft related to wind/storm addition

Briefing Summary

Tonight through Thursday

- ✓ **Moderate to brief heavy rain starting after 10pm SLO/5am LA**
- ✓ **Flash flood watch for the 1st year burn areas thru 1pm Thursday**
- ✓ **Shallow mud and debris flows with some damage possible**
- ✓ **Storm totals 1 – 3” coasts/valleys; 2 – 4” foothills/mtns**
- ✓ **Snow accumulations at highest resort levels above 8000’**
- ✓ **High surf and significant coastal flooding through Friday evening**

Contact Information



Last briefing this week



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Disclaimer: *The information contained within this briefing is time-sensitive, please visit our website for the latest information*