

NWS Los Angeles/Oxnard Weather Briefing

**Decision Support Briefing for
*Wednesday, January 30, 2019***



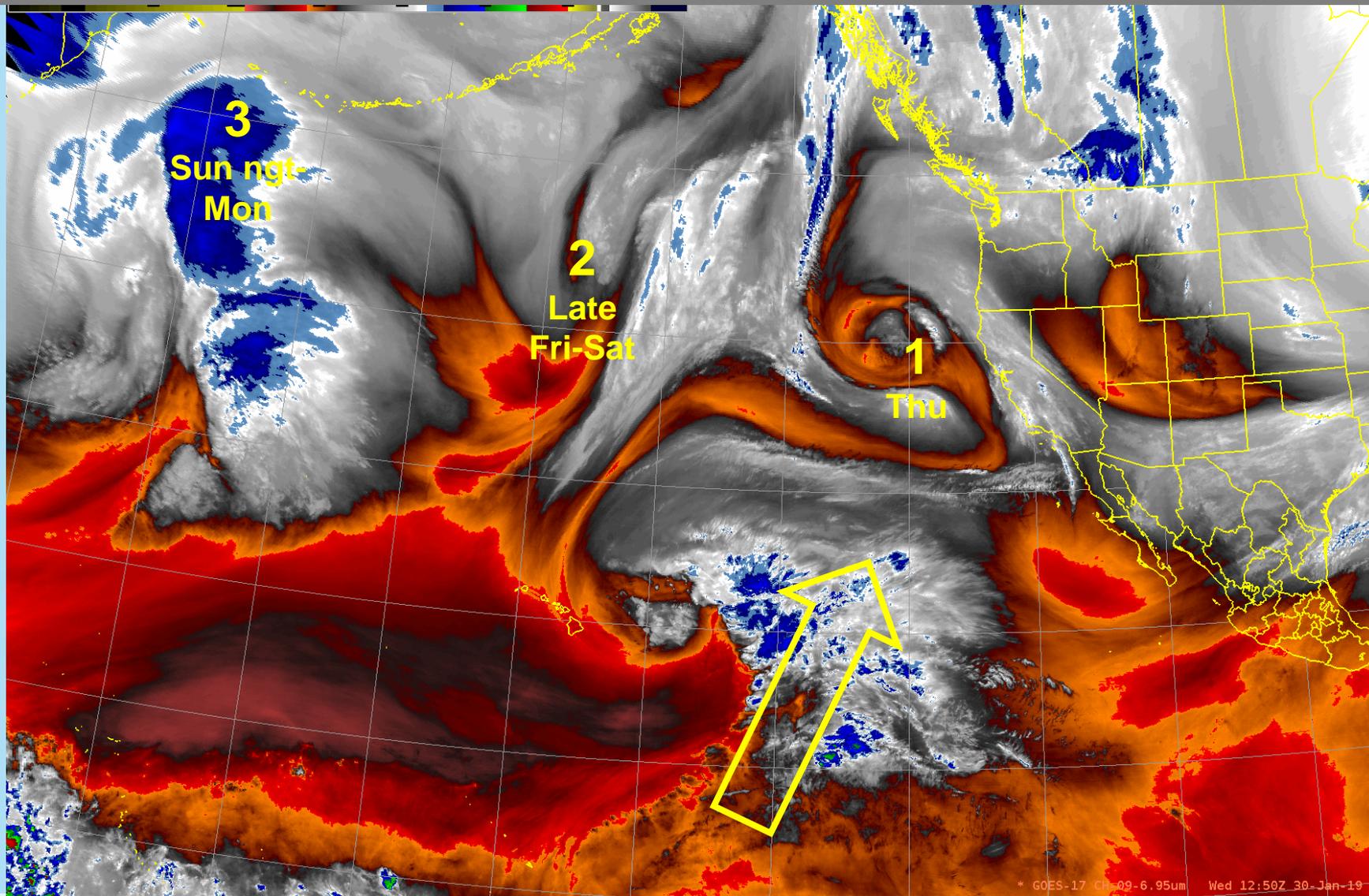
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Webinar Audio:

(562) 247-8422
access code: 187-142-908#

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

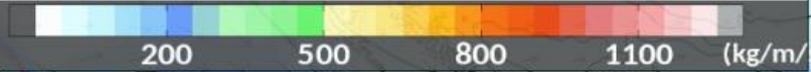
Latest Water Vapor Satellite Loop – ending at 9am



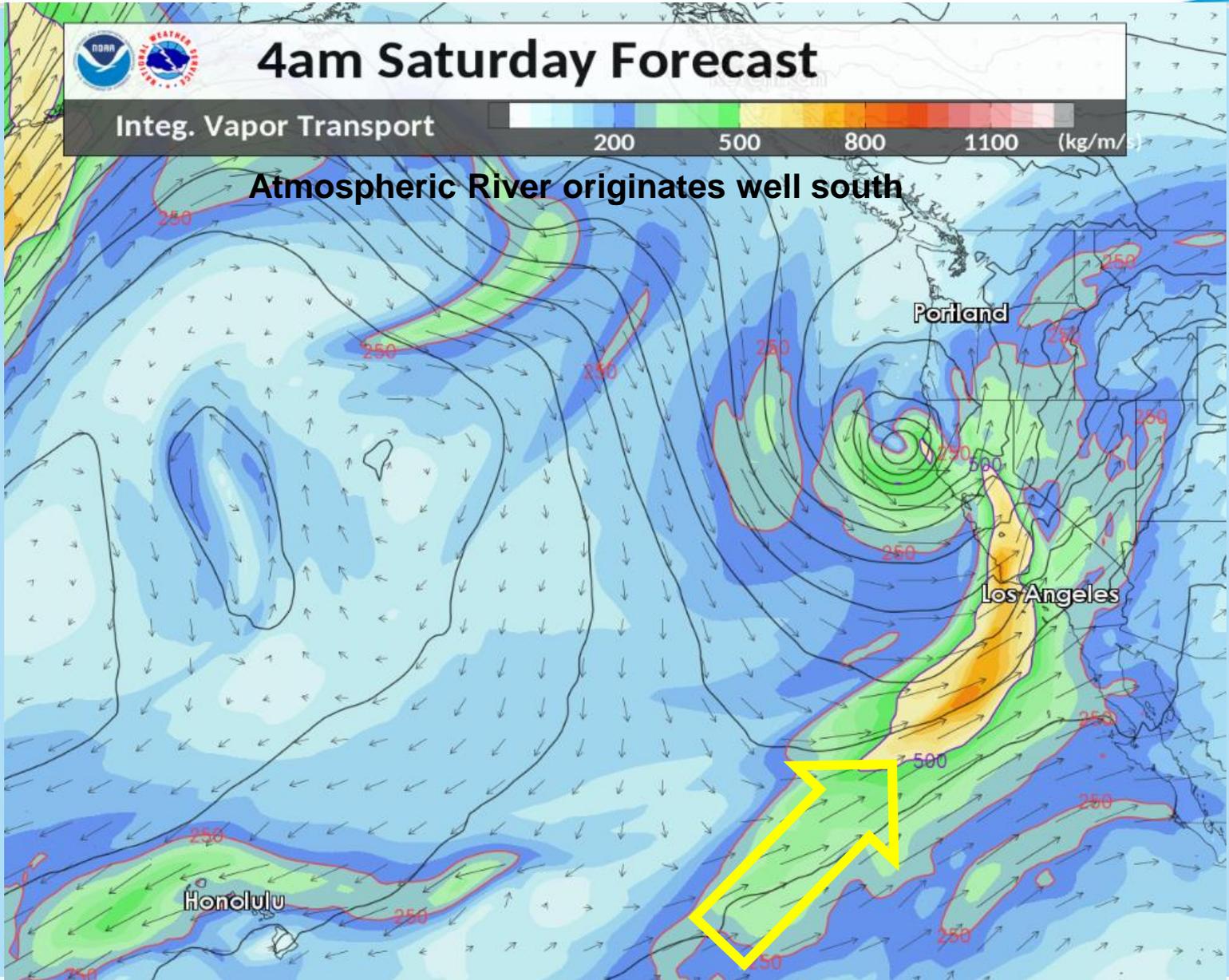


4am Saturday Forecast

Integ. Vapor Transport



Atmospheric River originates well south

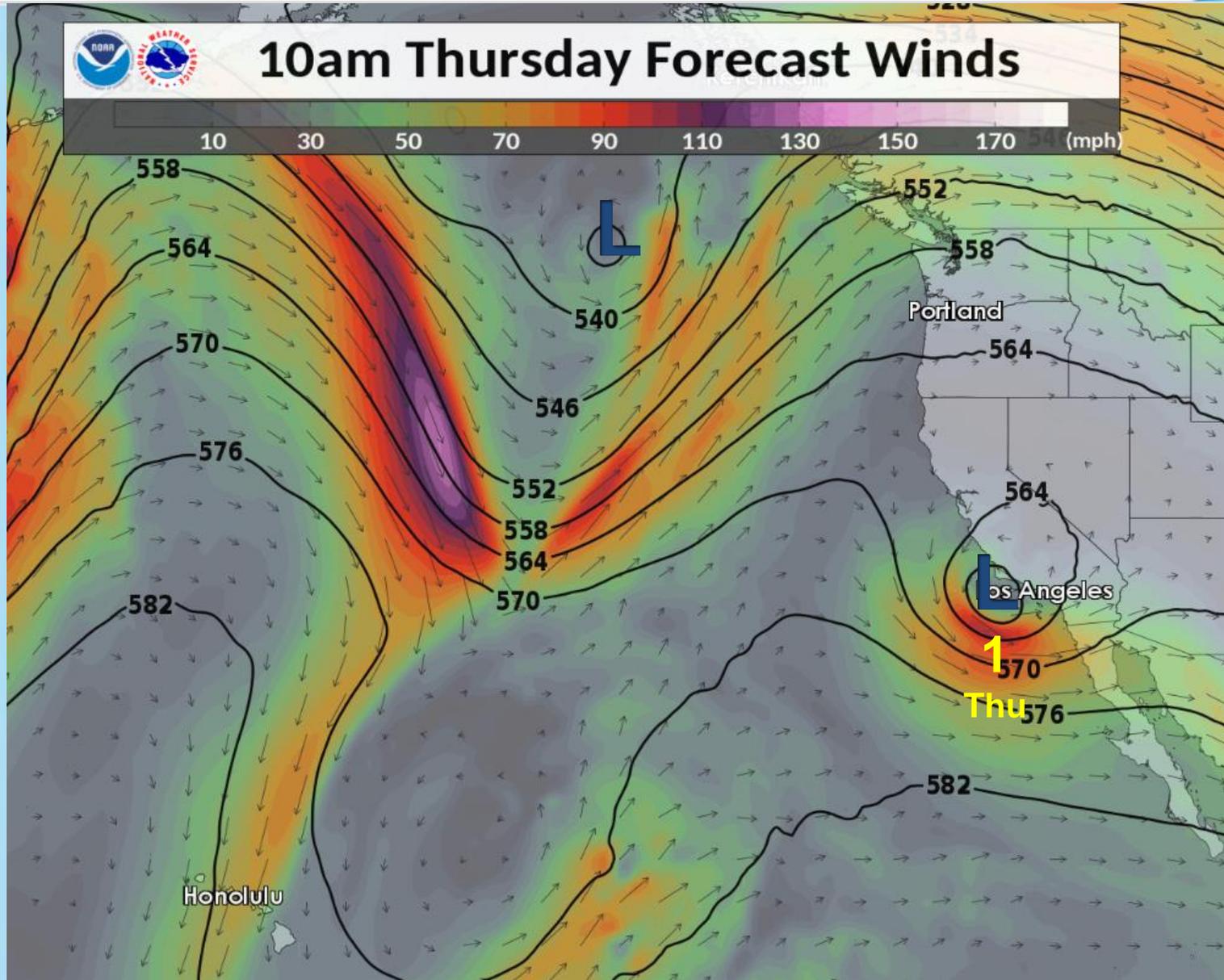


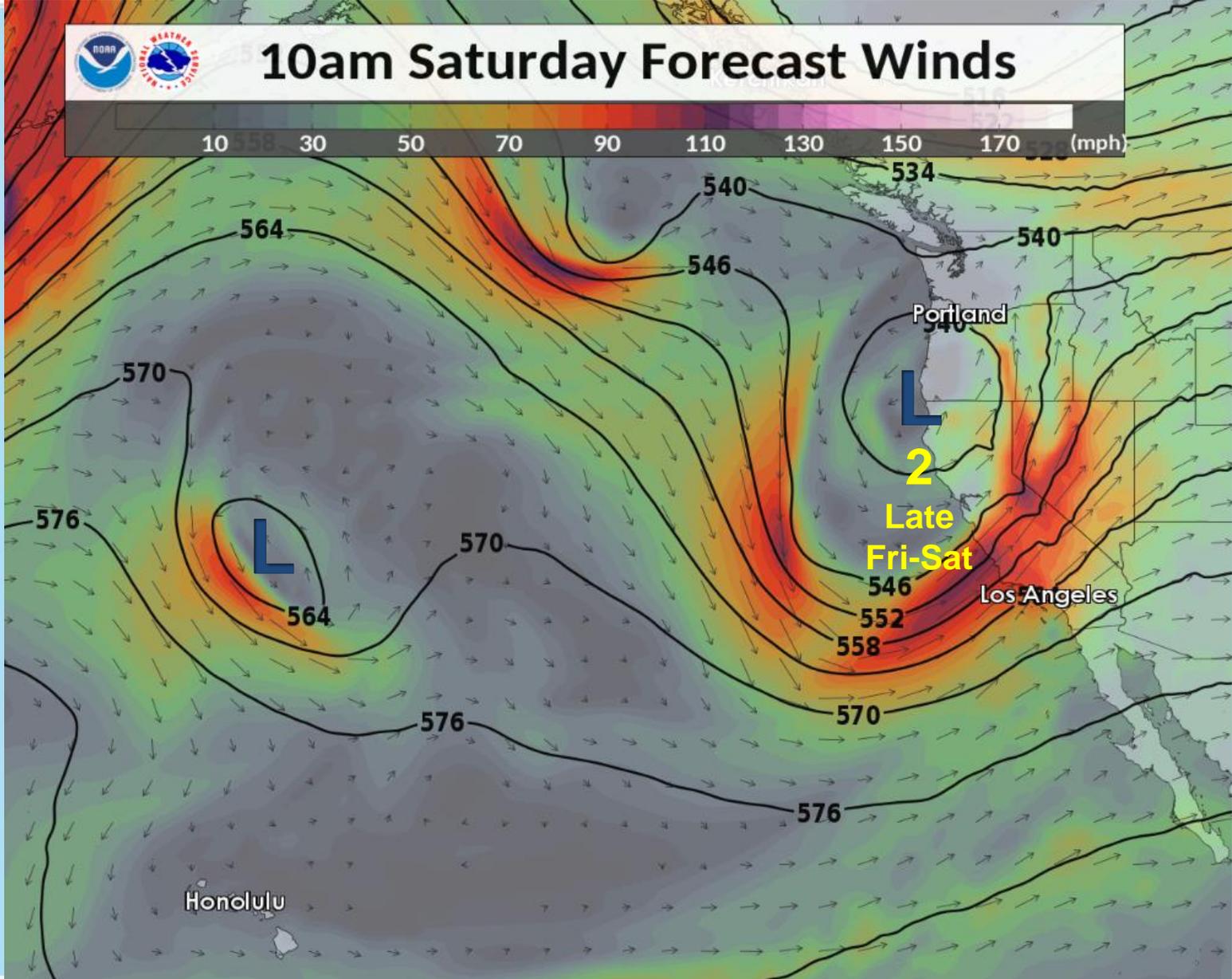
Main Points

- 3 storms expected from Thursday through Monday
- Strongest storm #2 late Friday-Saturday
 - *Longer duration system with Atmospheric River connection*
 - *Focus will be on this system*
- Moderate to high confidence on timing and storm amounts
- Lower confidence on rain rates with storm #2 (late Fri-Sat)
- Slight chance of thunderstorms with storm #1 (Thu)
- Shallow mud and debris flows possible near recent burn scars
- Significant water flows in main stem rivers this weekend, not expected to reach flood stage
- Tree damage and power outages from SE-S winds with storm #2

Main Points

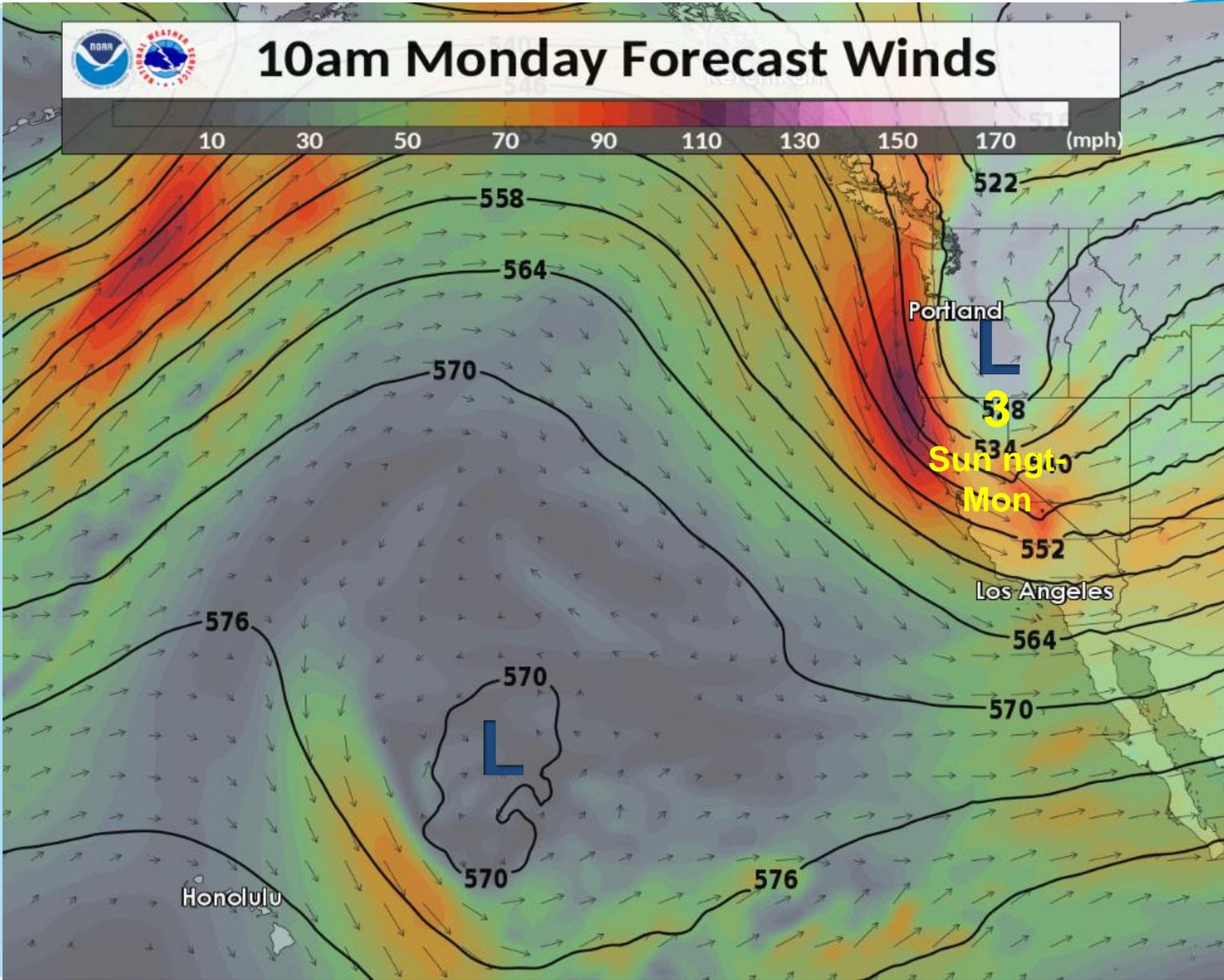
- Large and steep wind waves from gusty SE-S winds with storm #2
 - *Dangerous boating near south-facing harbor entrances*
- Large W swell and high surf conditions possible Sat night-Mon
- Dry weather for most of next week; slight chance of another system next weekend







10am Monday Forecast Winds





Storm #1 Summary: Rain Rates

Wed night-Thu

- **Peak Rainfall Rates:**

- *0.20-0.40 inch/hour – locally to 0.50 inch/hour*
- *Slight chance of thunderstorms*
 - *Potential shallow mud and debris flows; minor damage possible mainly for 1st year burn areas*
 - *Woolsey, Hill, Stone, and South Fires*

- **Timing of Peak Rainfall Periods:**

- *San Luis Obispo County: 2am – 10am Wed night to Thu*
- *Santa Barbara County: 4am – 11am Thu*
- *Ventura County: 7am – 2pm Thu*
- *Los Angeles County: 9am – 5pm Thu*



Storm #1: Precipitation Totals

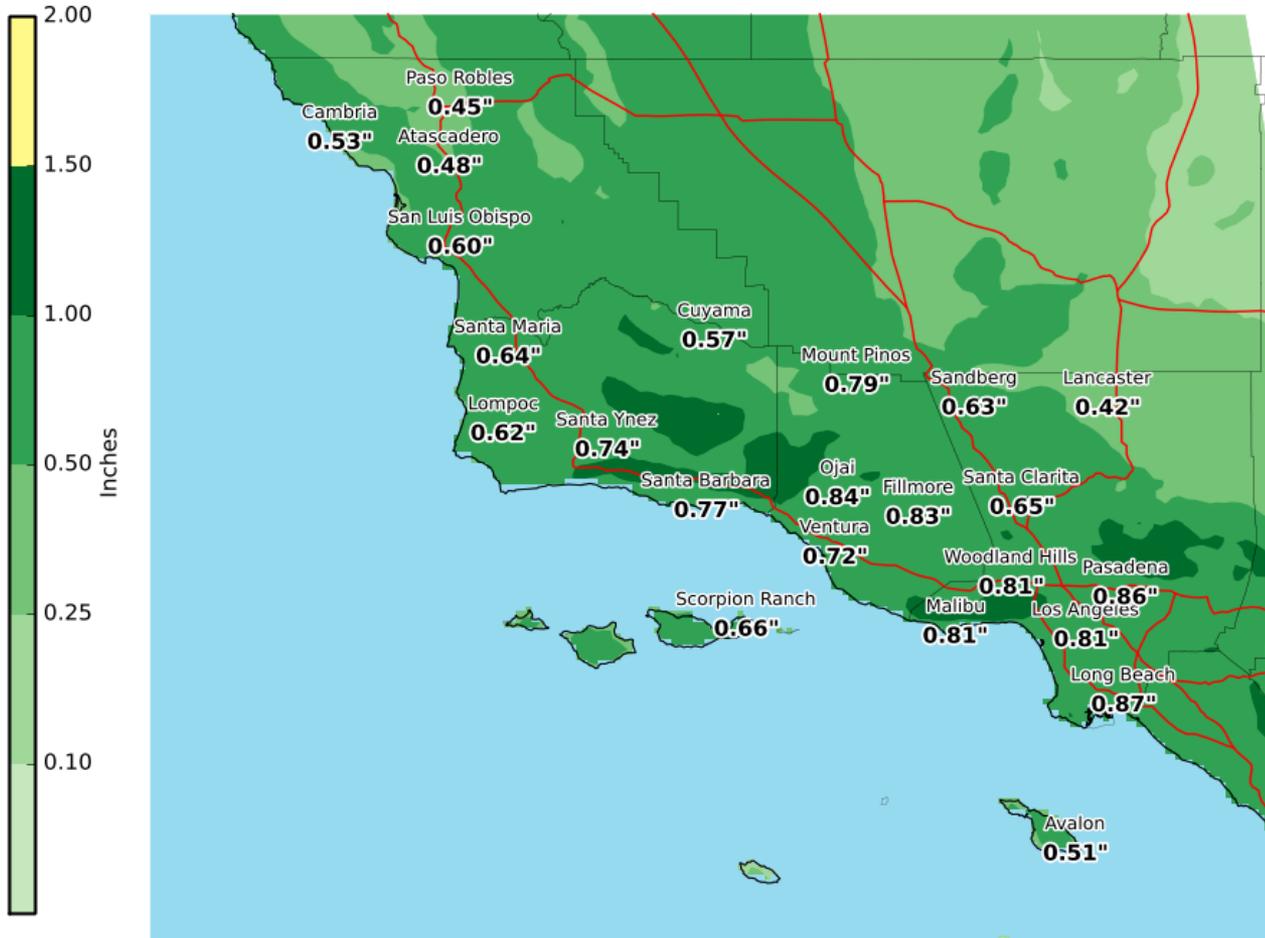
Wed night-Thu

✓ Precipitation Totals:

- *0.40-1.0 inch locally up to 1.5 inch*
- *Highest totals likely SBA/VTA foothills and LA coast*
- *Snow level above 7000 ft*
 - *Ski resort level accumulations up to 10 inches likely*

Storm Total Rain Through Thursday

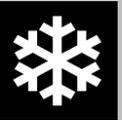
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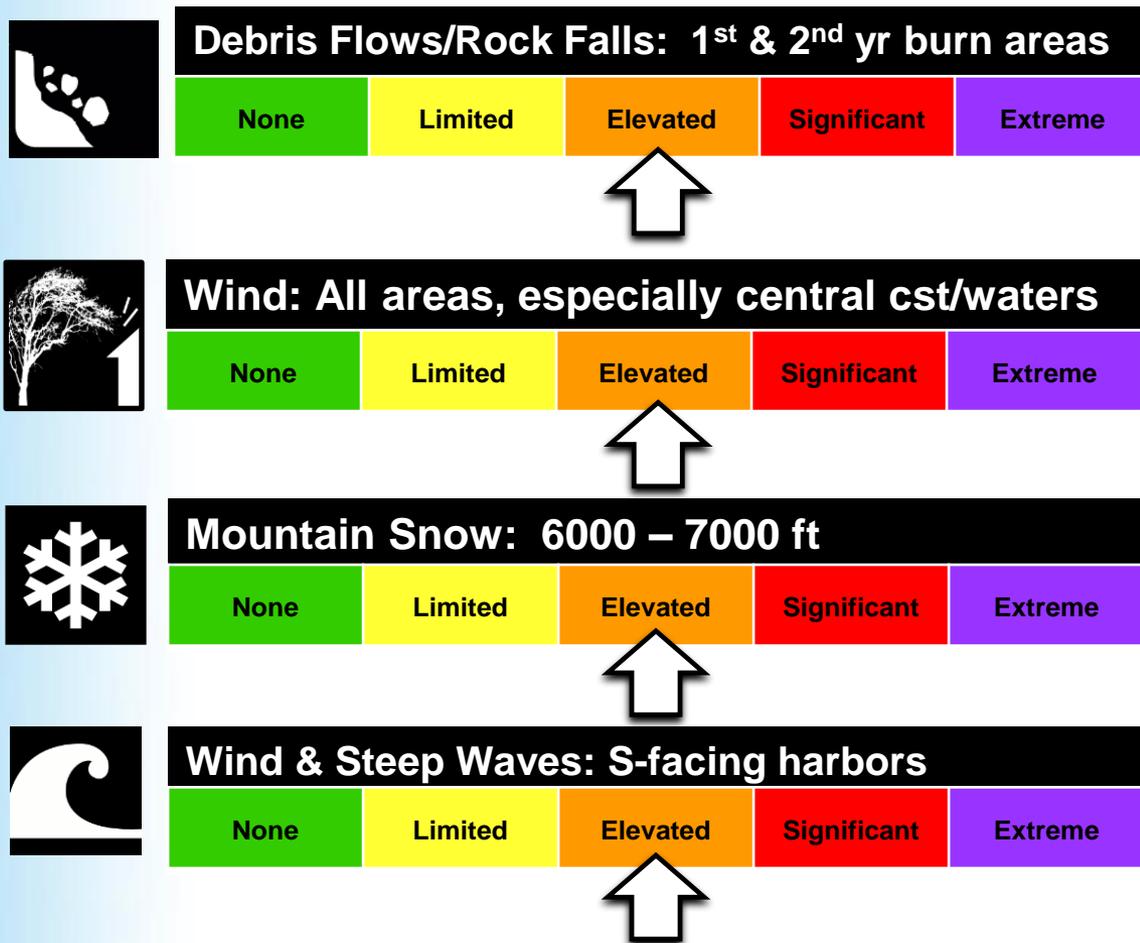
National Weather Service
Los Angeles/Oxnard California
 01/30/2019 09:04 AM PST

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Storm #2 Late Friday-Saturday 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 all recent burn scars; minor damage possible • Small stream/creek flooding possible • Increased traffic accidents/congestion 	<ul style="list-style-type: none"> • 1st and 2nd year burn scars • Highest concerns for Woolsey, Hill, South, and Stone Fires 	<ul style="list-style-type: none"> • Peak rain periods: SLO – 9pm Fri – 10am Sat SBA/VTU Co – Midnigt-2pm Sat LA Co – 4am – 5pm Sat
<p>Gusty SE-S Winds</p> 	<ul style="list-style-type: none"> • Downed trees & power outages 	<ul style="list-style-type: none"> • All areas, strongest foothills/mtns • Gusts 40-60 mph 	<ul style="list-style-type: none"> • Shifting to W-SW on Saturday once front moves by
<p>Resort Snow</p> 	<ul style="list-style-type: none"> • Winter driving higher mountain roads 	<ul style="list-style-type: none"> • Mainly above 6000 feet, dropping to 5000 feet late Sat 	<ul style="list-style-type: none"> • Fri night-Sat
<p>Steep waves, Gales</p> 	<ul style="list-style-type: none"> • Steep wind waves 7-10 ft, chaotic seas • SE-S winds to 35kt • Dangerous rip currents 	<ul style="list-style-type: none"> • All waters • S-facing harbor entrances 	<ul style="list-style-type: none"> • Fri night to Sat morning

Summary of Greatest Impacts Storm #2 (late Fri-Sat)





Storm #2 Summary: Rain Rates

Late Fri-Sat

- **Peak Rainfall Rates:**

- *0.50-0.80 inch/hour – locally up to 1.0 inch/hour*
- *No thunderstorms in forecast, enhanced rain rates associated with strong upslope*
 - *Potential impacts for all recent burn areas*
 - *Shallow mud and debris flows; some damage possible*

- **Timing of Peak Rainfall Periods:**

- *San Luis Obispo County: 9pm Fri – 10am Sat*
- *Santa Barbara/Ventura Counties: Midnight Fri night – 2pm Sat*
 - *Thomas Fire peak – 4am to 10am Sat*
- *Los Angeles County: 4am – 5pm Sat*



Storm #2: Precipitation Totals

Late Fri-Sat

✓ **Precipitation Totals:**

- *1.5-3.0 inches and locally 4.0 inches foothills/mountains*
- *Uncertainty with highest amounts – could focus over Ventura and LA Counties*
- *Snow level 6000-7000 ft dropping to 5000 ft Saturday afternoon*
 - *Significant accumulations 1-2 feet possible*



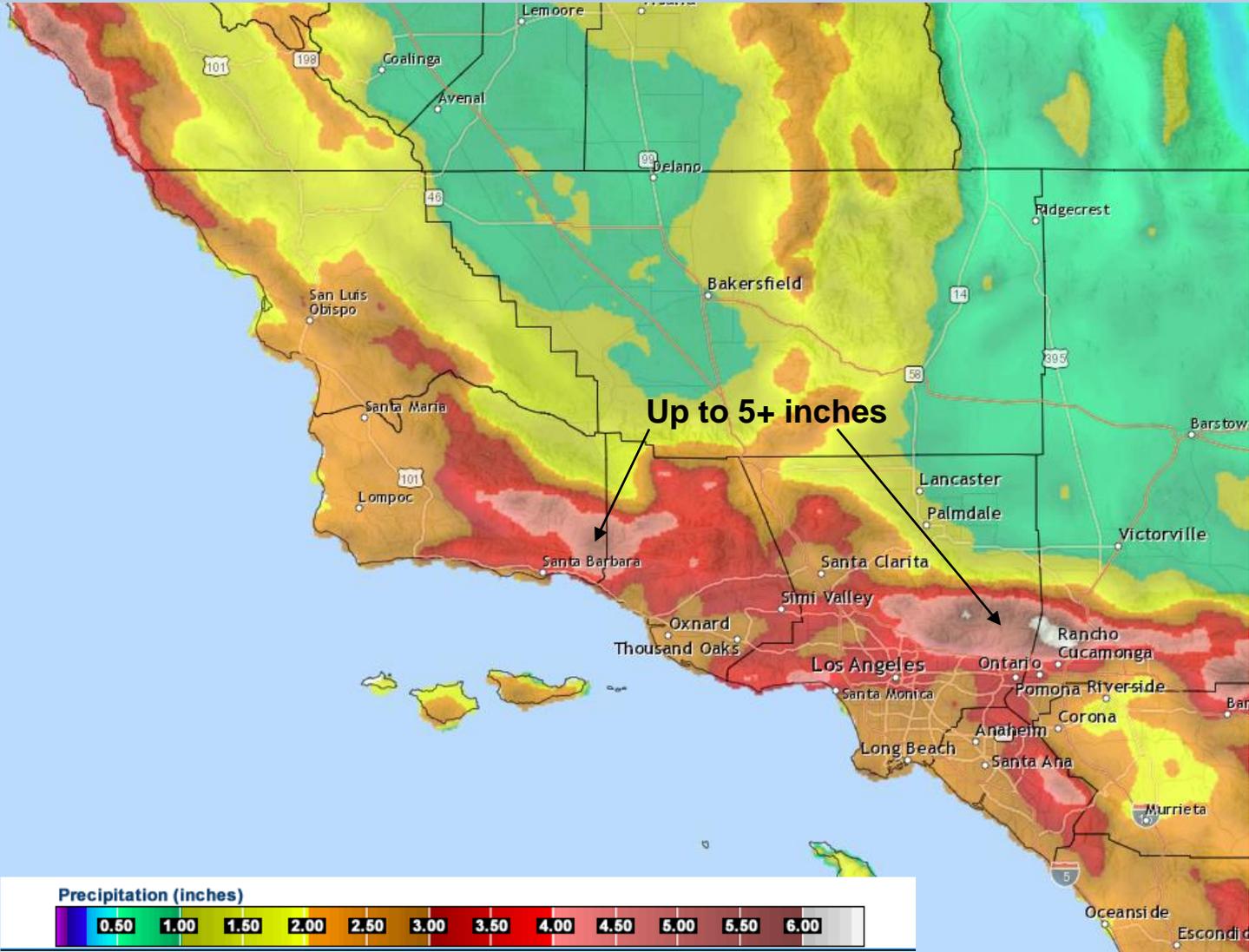
Storm #3: Summary

Late Sun-Mon

✓ Precipitation Totals:

- *Additional amounts 0.15-0.75 inch*
- *Rain rates under 0.25 inch/hour*
- *Scattered showers/unsettled periods of rain or snow*
 - *Dropping snow levels*
- *Snow levels 4000-5000 ft*
 - *Possible I-5 Grapevine travel or closure impacts*

Storm Totals Through Monday



Briefing Summary

Wed night through Monday

- ✓ **3 storms with storm #2 on Fri night-Sat the strongest & wettest**
- ✓ **Shallow mud and debris flows near recent burn scars with minor damage possible**
- ✓ **Gusty SE-S winds Fri night into Sat**
- ✓ **Steep wind waves and gales over coastal waters**
- ✓ **Storm totals 2 – 4” coasts/valleys; 3 – 5” foothills/mtns with up to 1.5” eastern SLO Co and Antelope Valley**
- ✓ **Snow accumulations in the mountains, especially above 6000 ft then potential I-5 Grapevine travel issues with storm #3 (Mon)**
- ✓ **Drier period from Tue-Thu, maybe another storm late week**



Contact Information



1st briefing this week



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