

Tuesday - Thursday

Presented by: James White







High winds late Tuesday Night - Wednesday

- Heavy rain and small stream flooding Wednesday
- Main-stem river flooding Wednesday Thursday
- Limited winter weather concerns





WEATHER RISK OUTLOOK

Risk levels incorporate potential impacts from weather hazards and likelihood of occurrence for a reasonable worse case scenario.

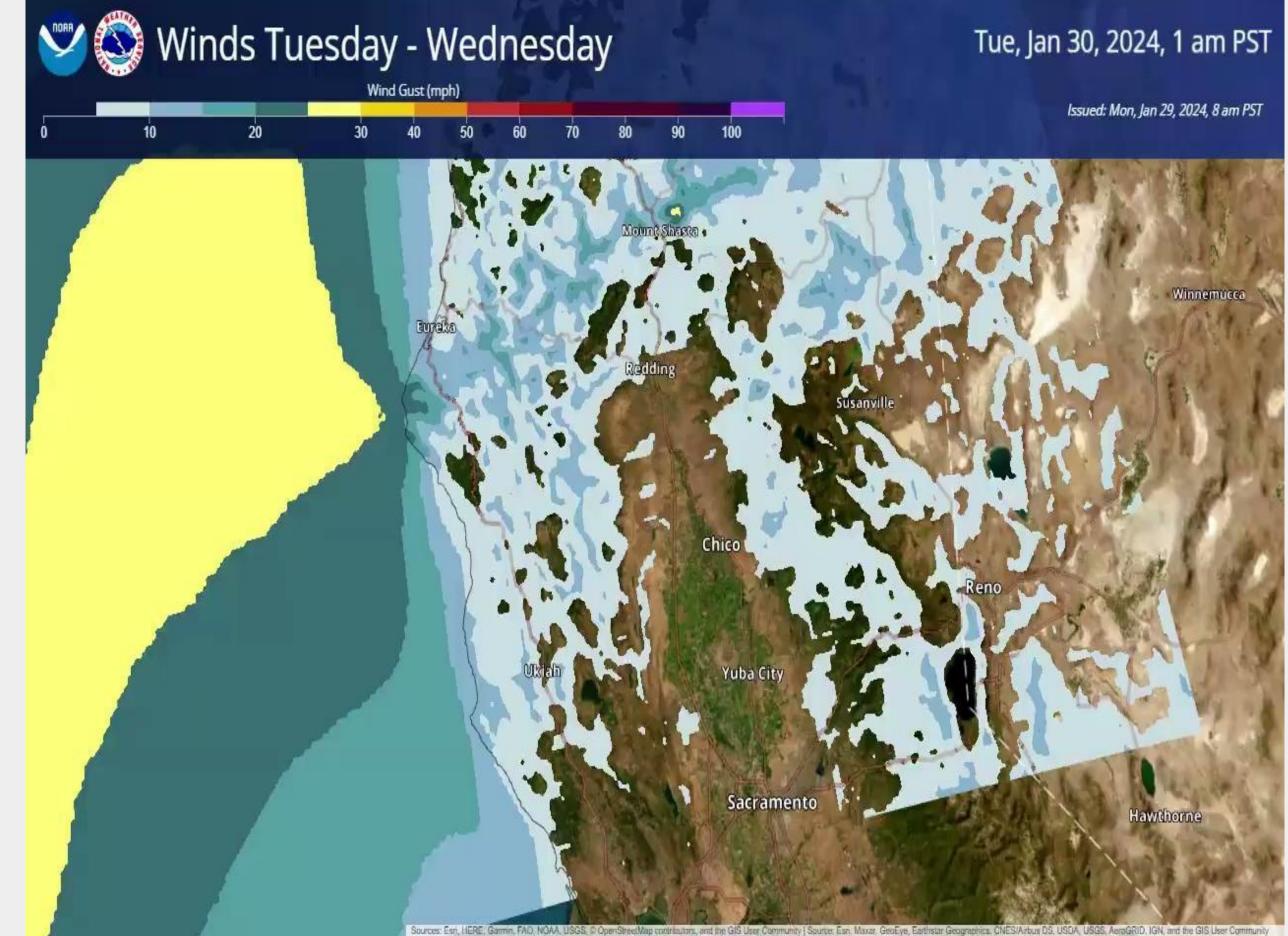
Mon 1/29	Tue 1/30	Wed 1/31	Thu 2/1	Fri 2/2	Sat 2/3
	Rain Gusty Wind	Rain Strong Wind Flooding	Rain	Rain Mountain Snow	
	Rain Gusty Wind	Rain Strong Wind Flooding	Rain Flooding	Rain Mountain Snow	
	Rain Gusty Wind	Rain Gusty Wind Mountain Snow	Rain Mountain Snow	Rain Mountain Snow	
	Rain Wind	Rain Strong Wind Flooding	Rain Flooding	Light Rain	
	Rain Wind	Rain Gusty Wind Flooding	Rain Flooding	Light Rain	
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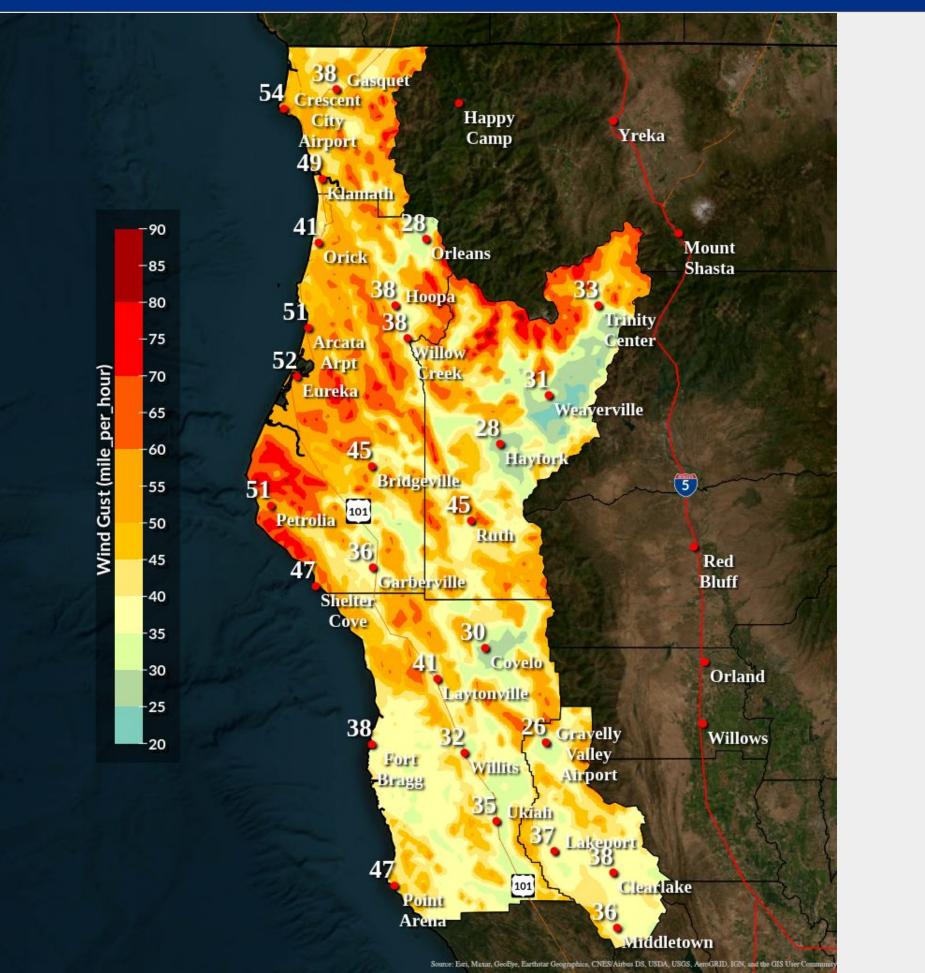
Rough Timeline of Wind







Most Likely Peak Wind Gusts

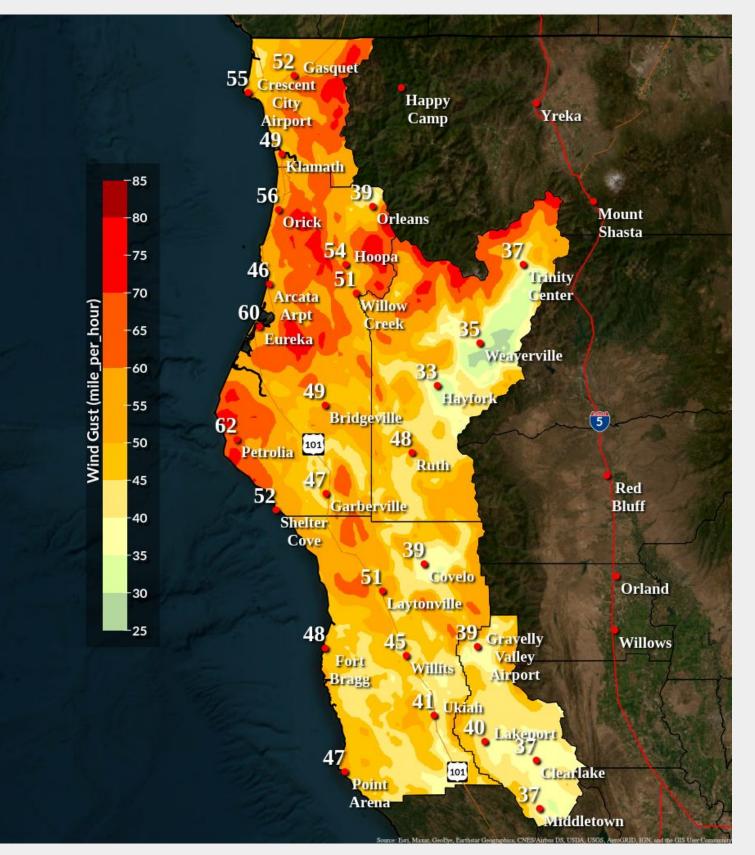


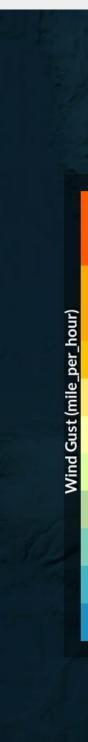


Wind Gust Probabilities

High End Wind Gusts

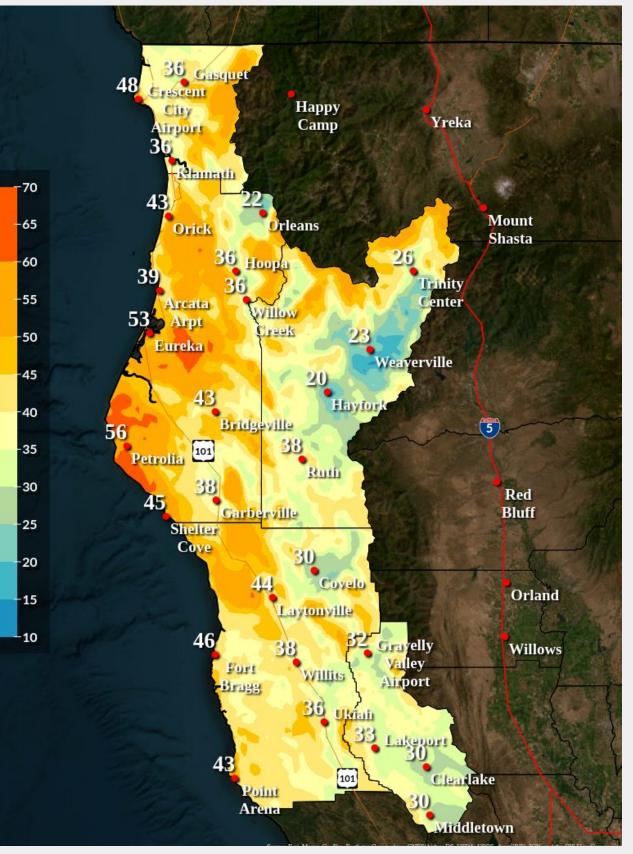
NOAA





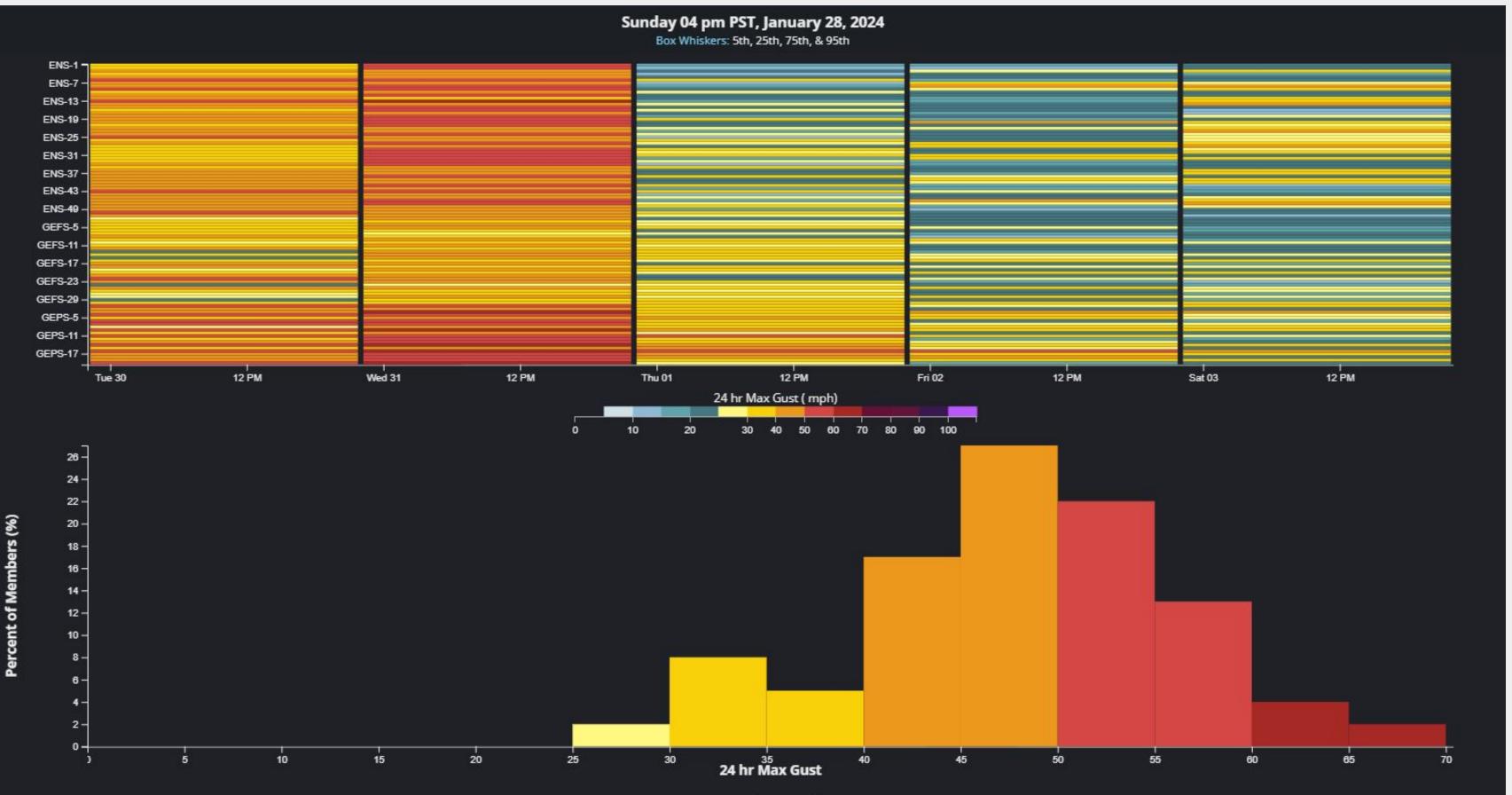


Low End Wind Gusts





Wind Gusts at Crescent City



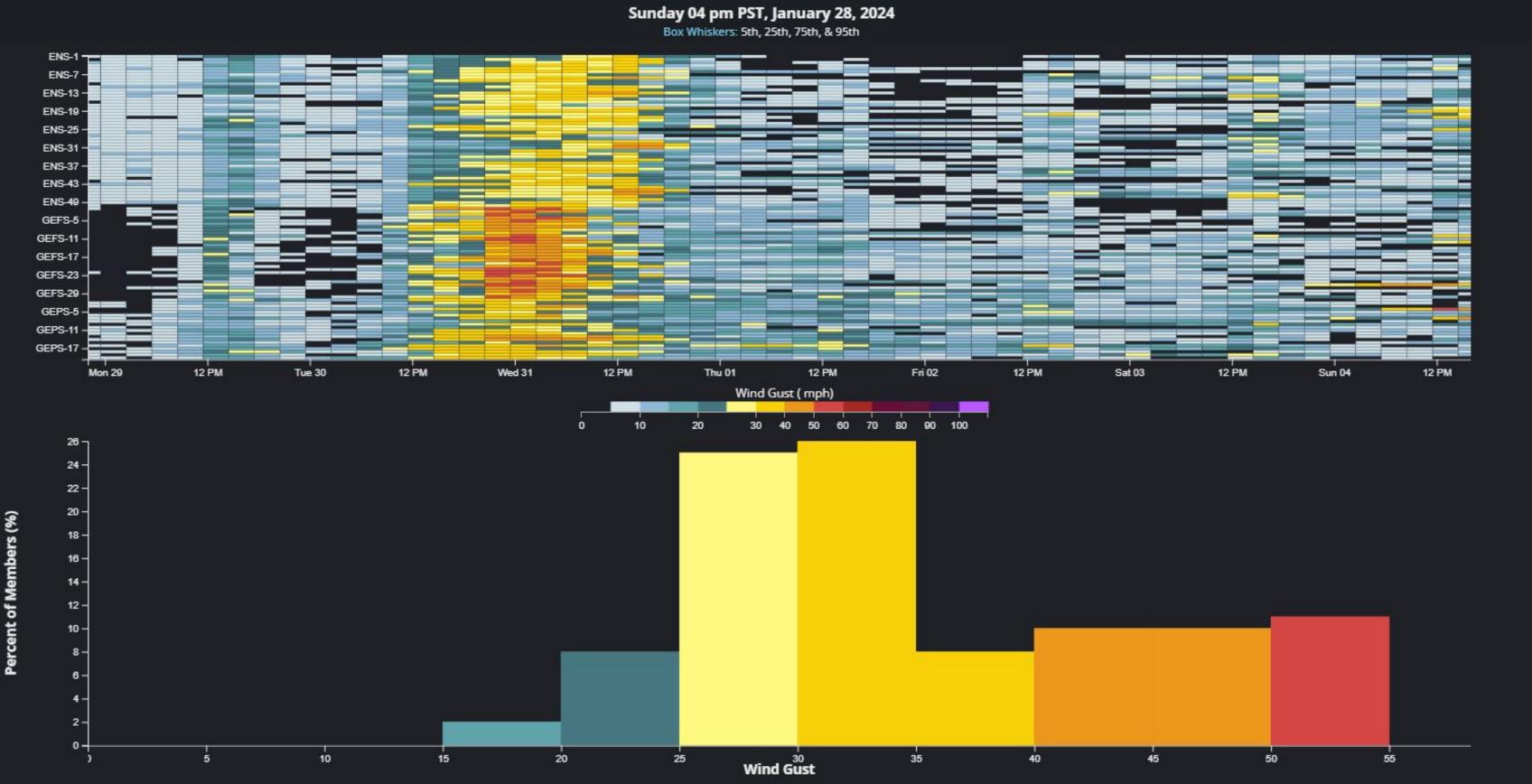
Grand Ensemble





Wind Gusts at McKinleyville

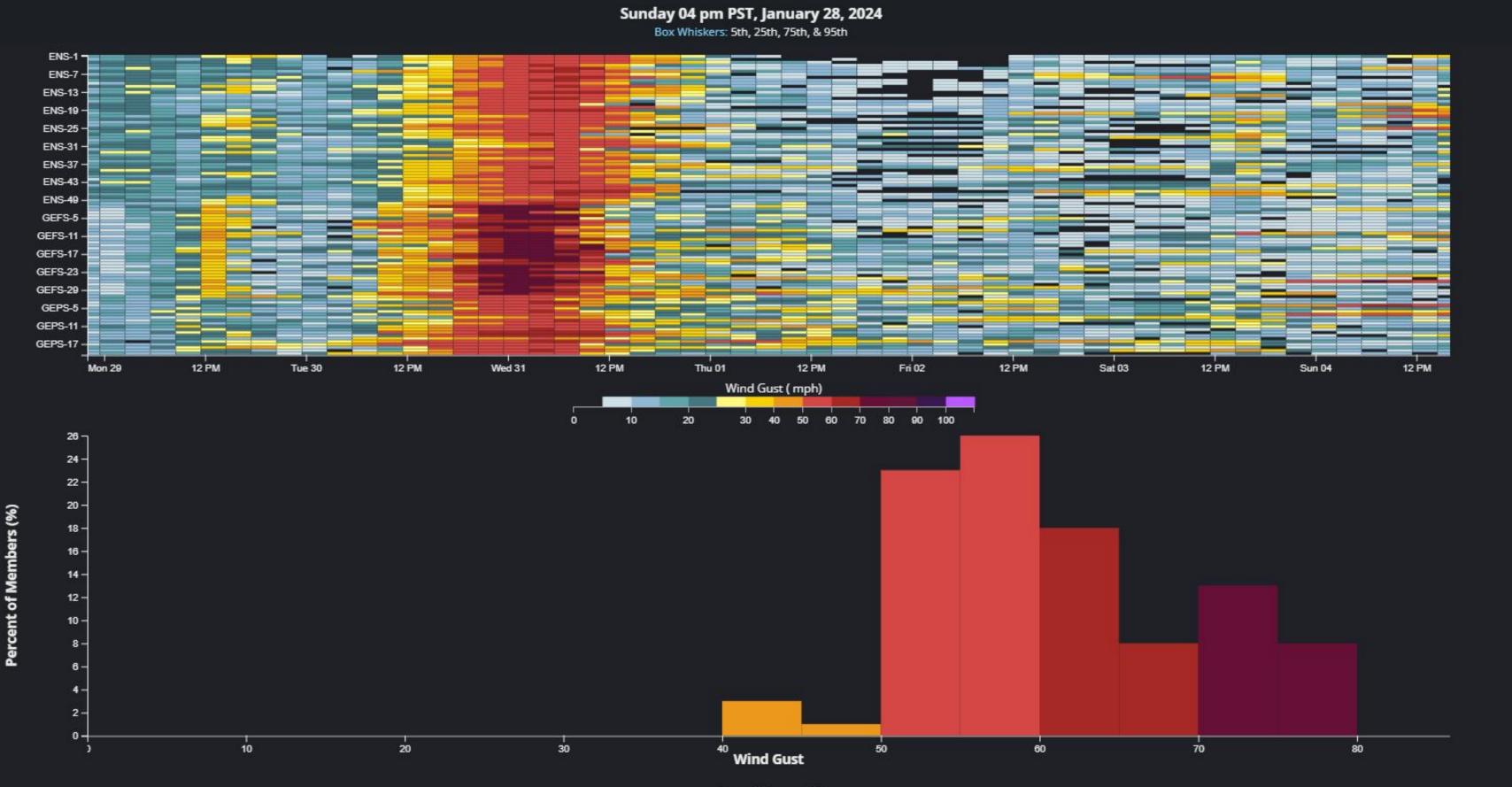








Wind Gusts at Kneeland



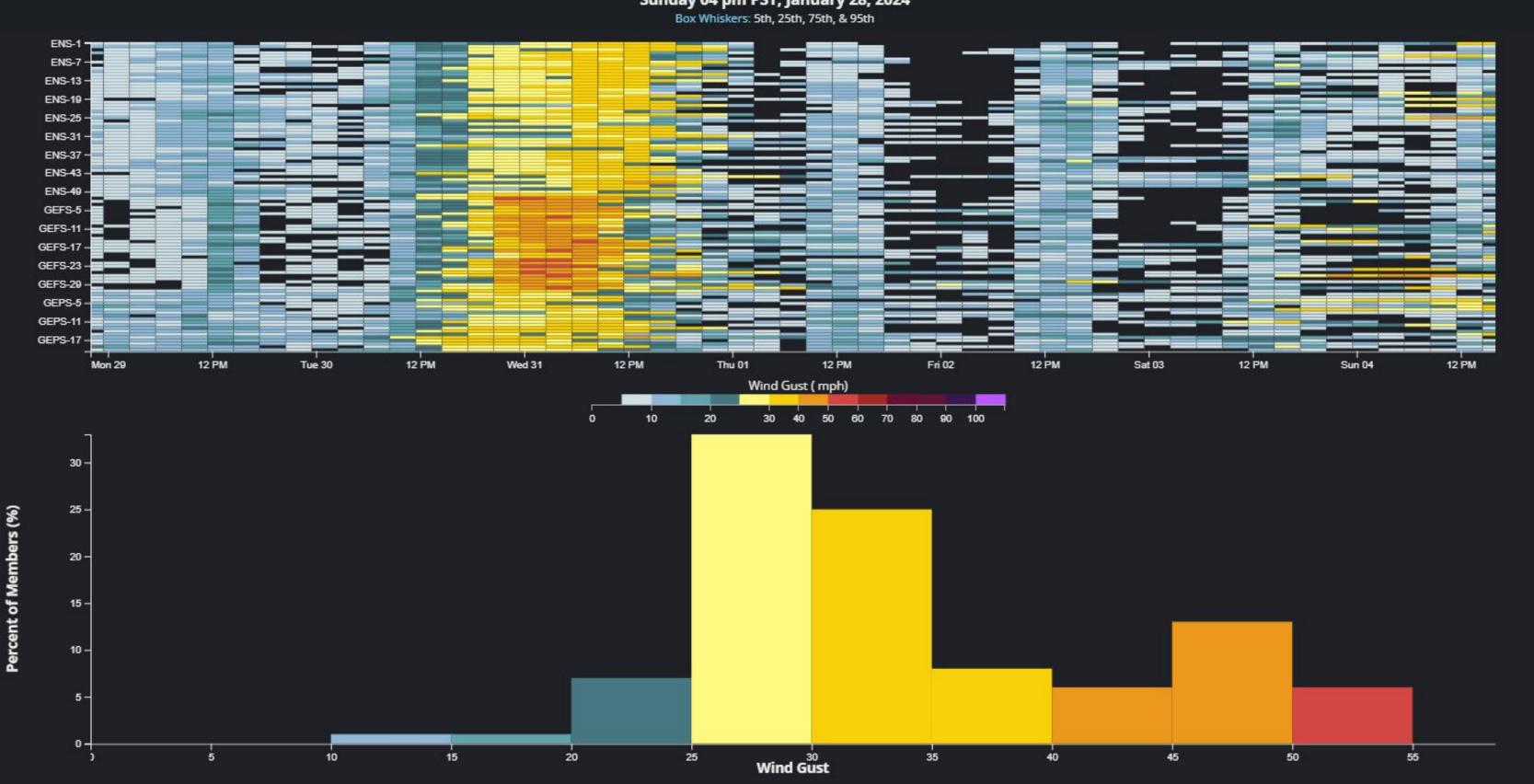
Grand Ensemble





NOAA

Sunday 04 pm PST, January 28, 2024







NOAA

Sunday 04 pm PST, January 28, 2024





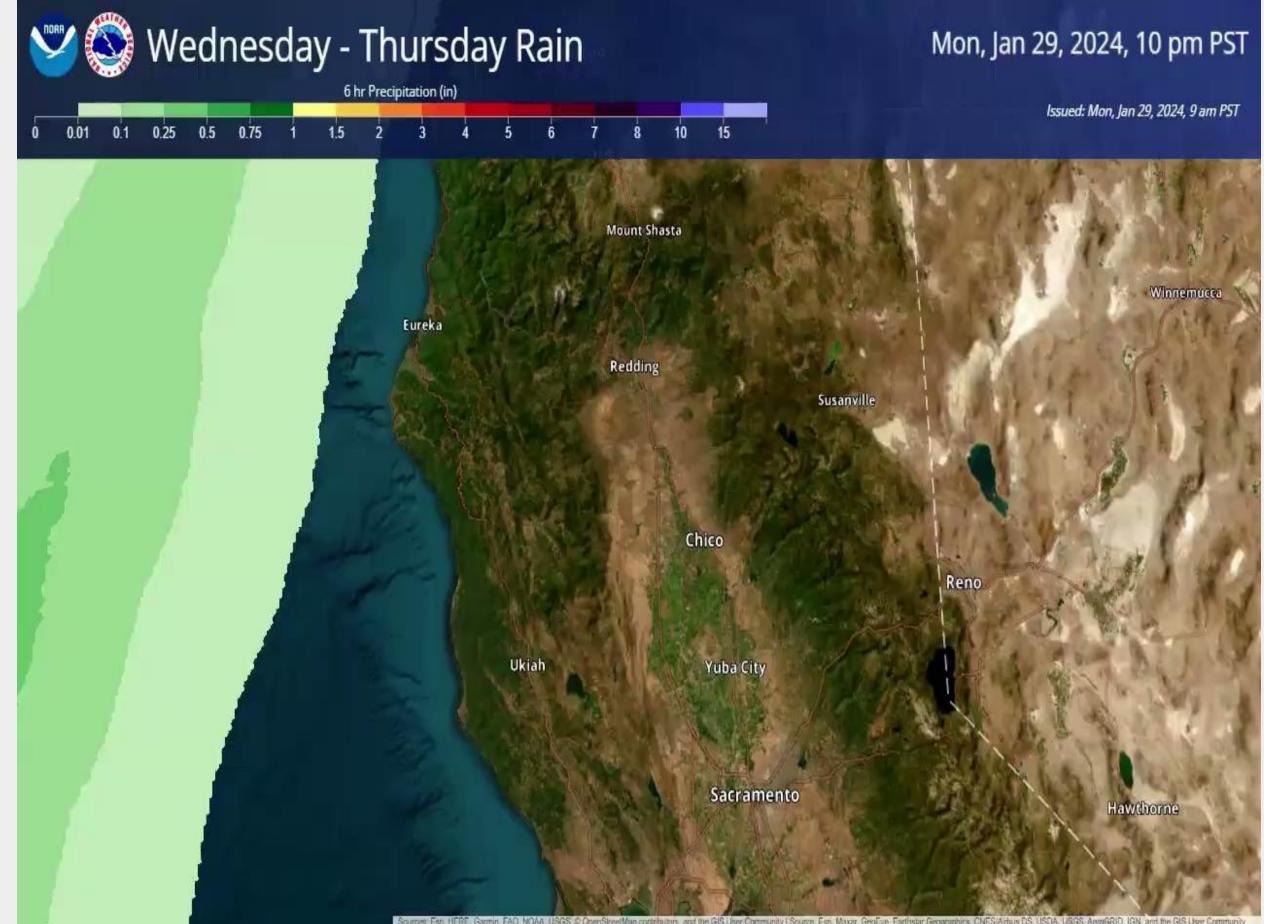


Strongest wind of the year so far

- Elevated risk of power outages
- Increased risk of tree damage and debris on roads
- Difficulty driving



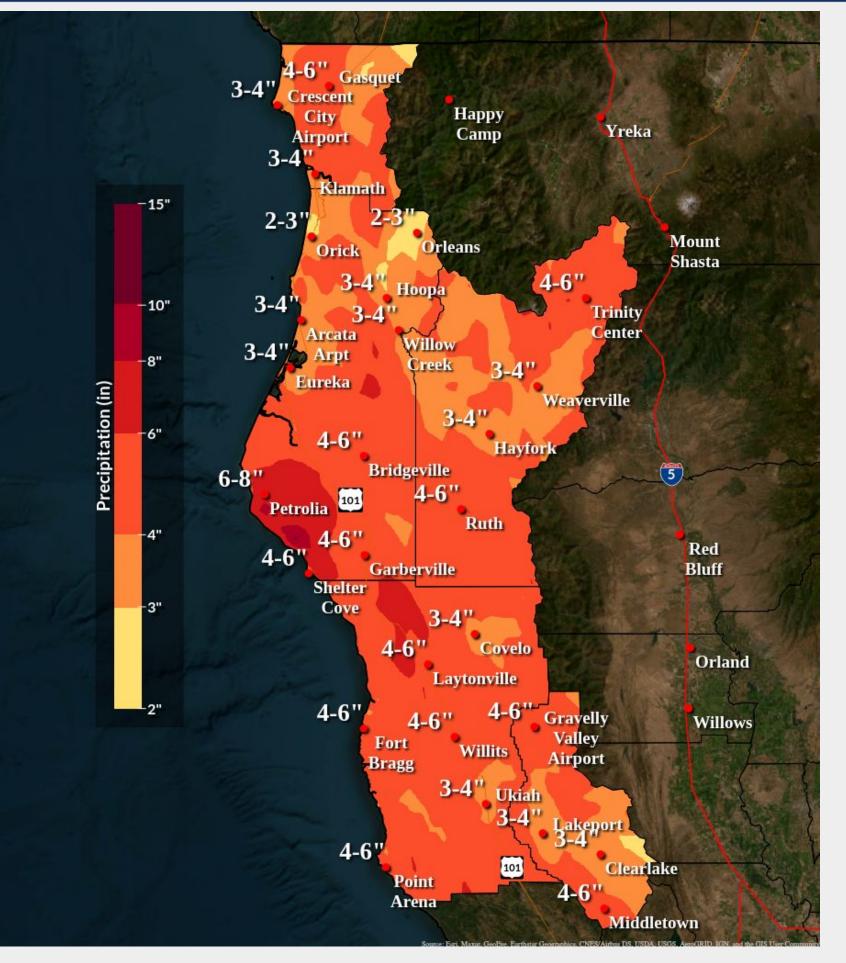






Earthstar Geographics, CNES/Arbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Com

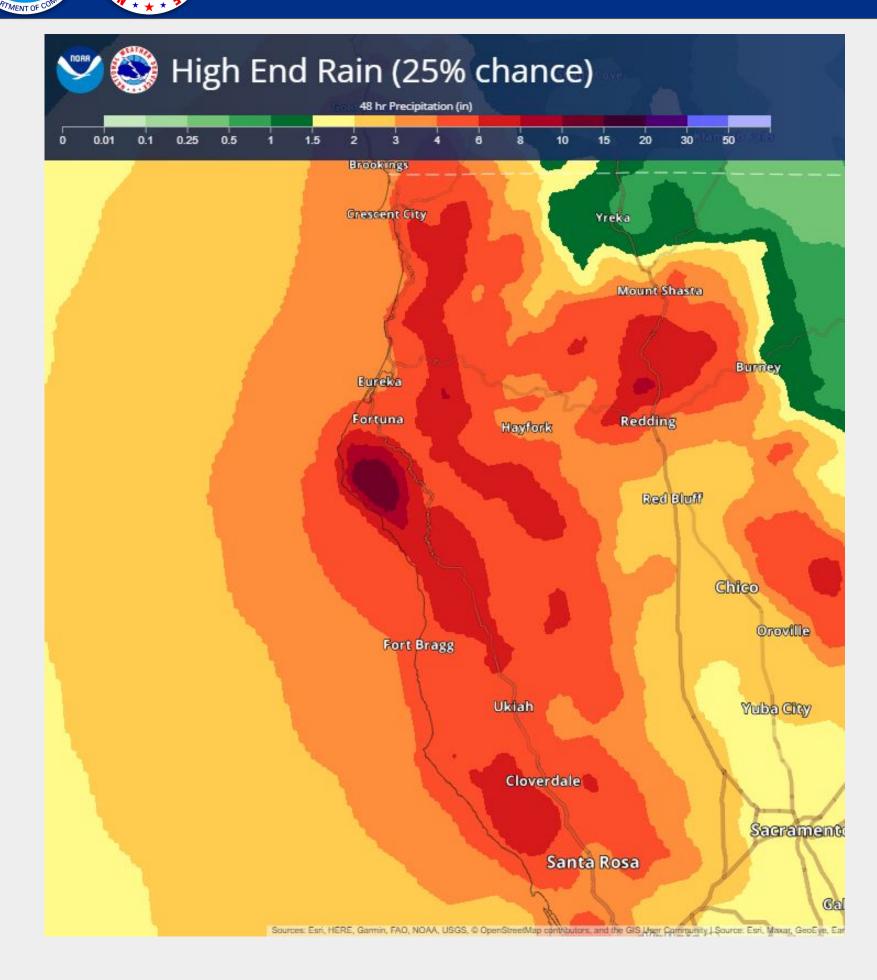


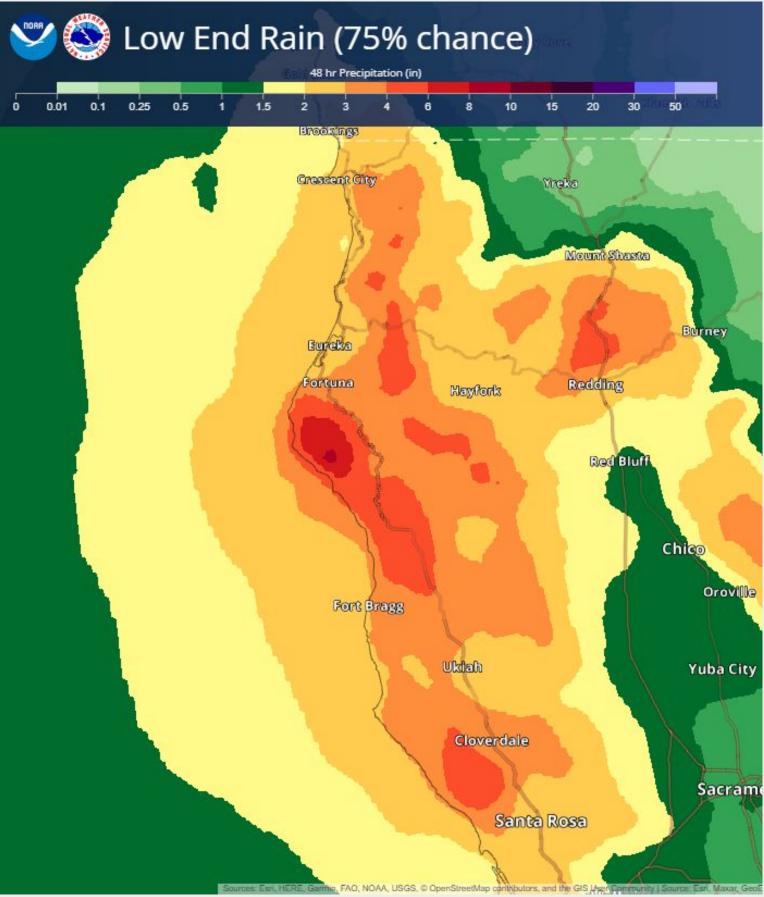


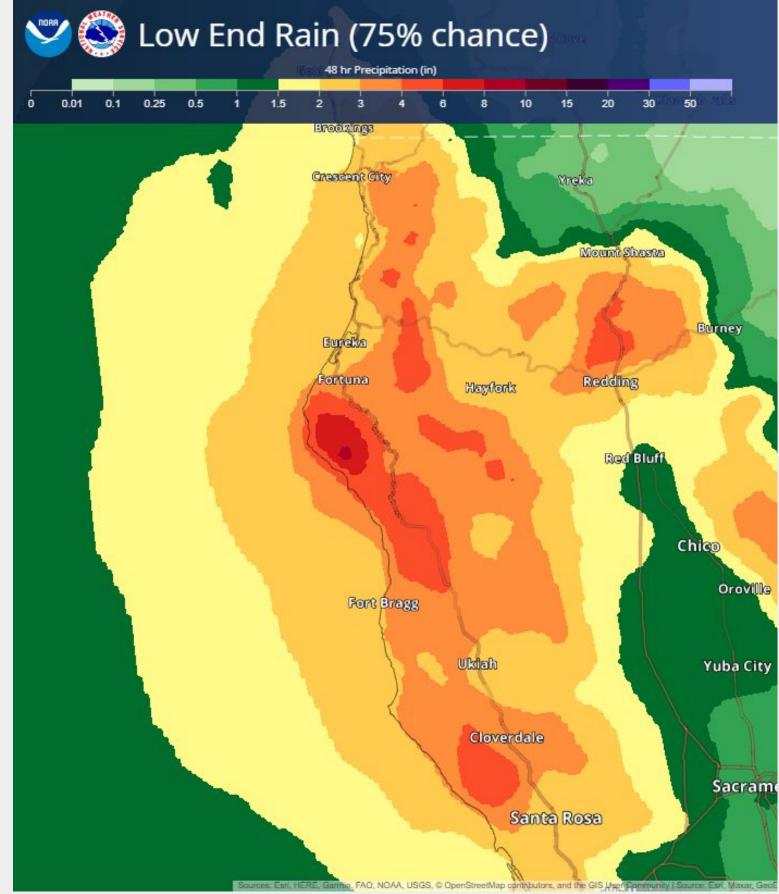


Rainfall Probabilities

NOAA



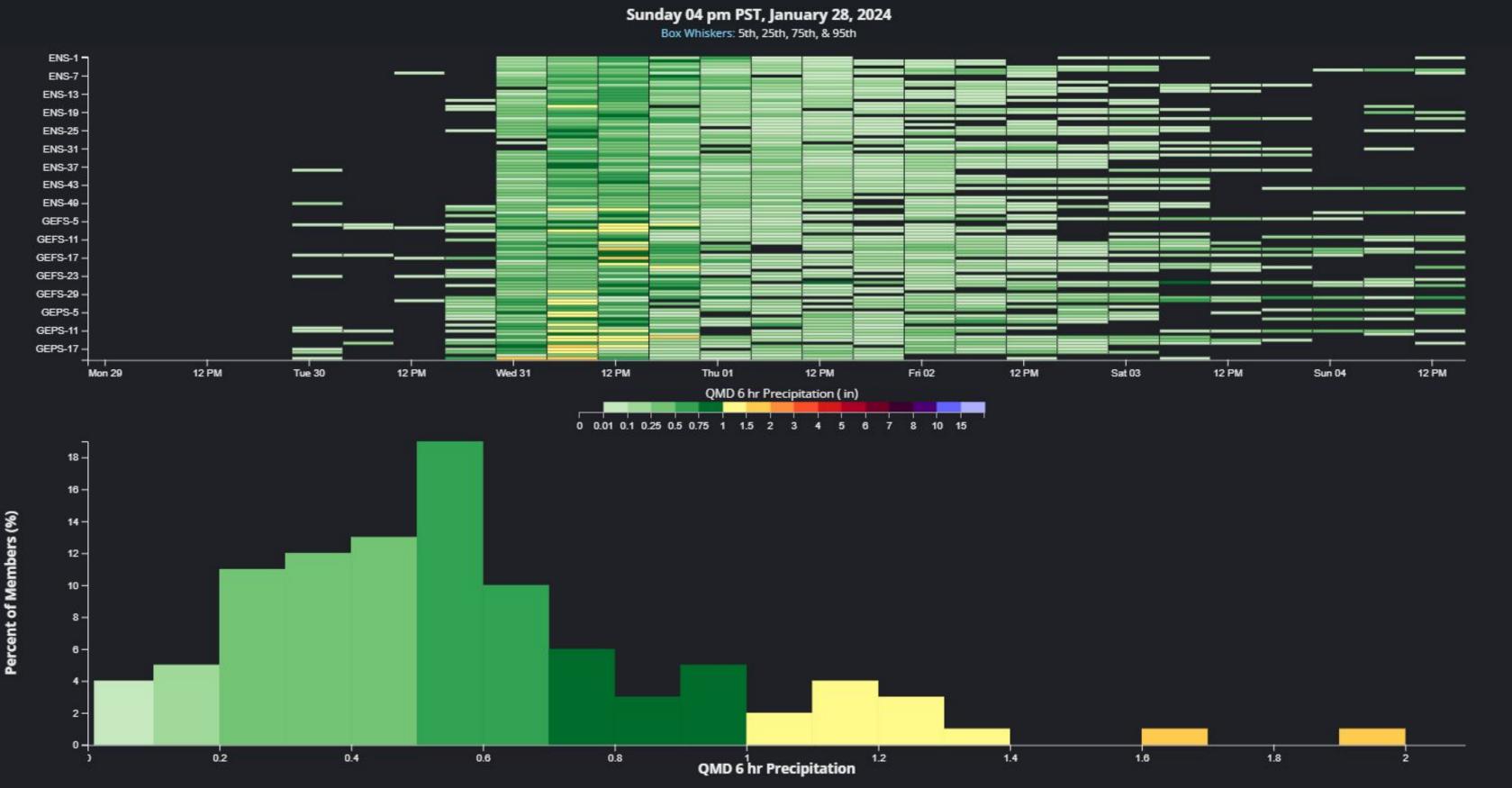








Rain in Crescent City

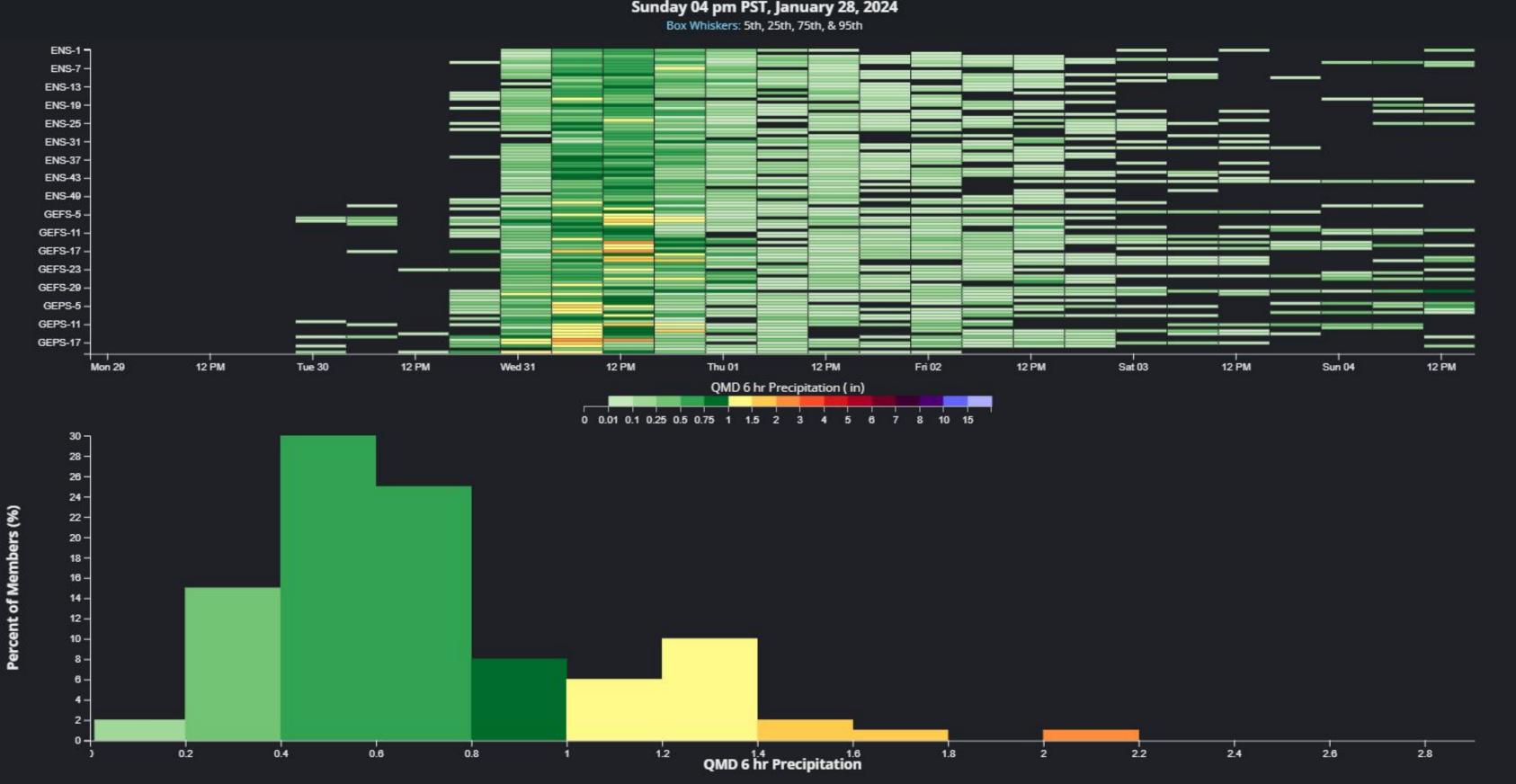






Rain in Eureka

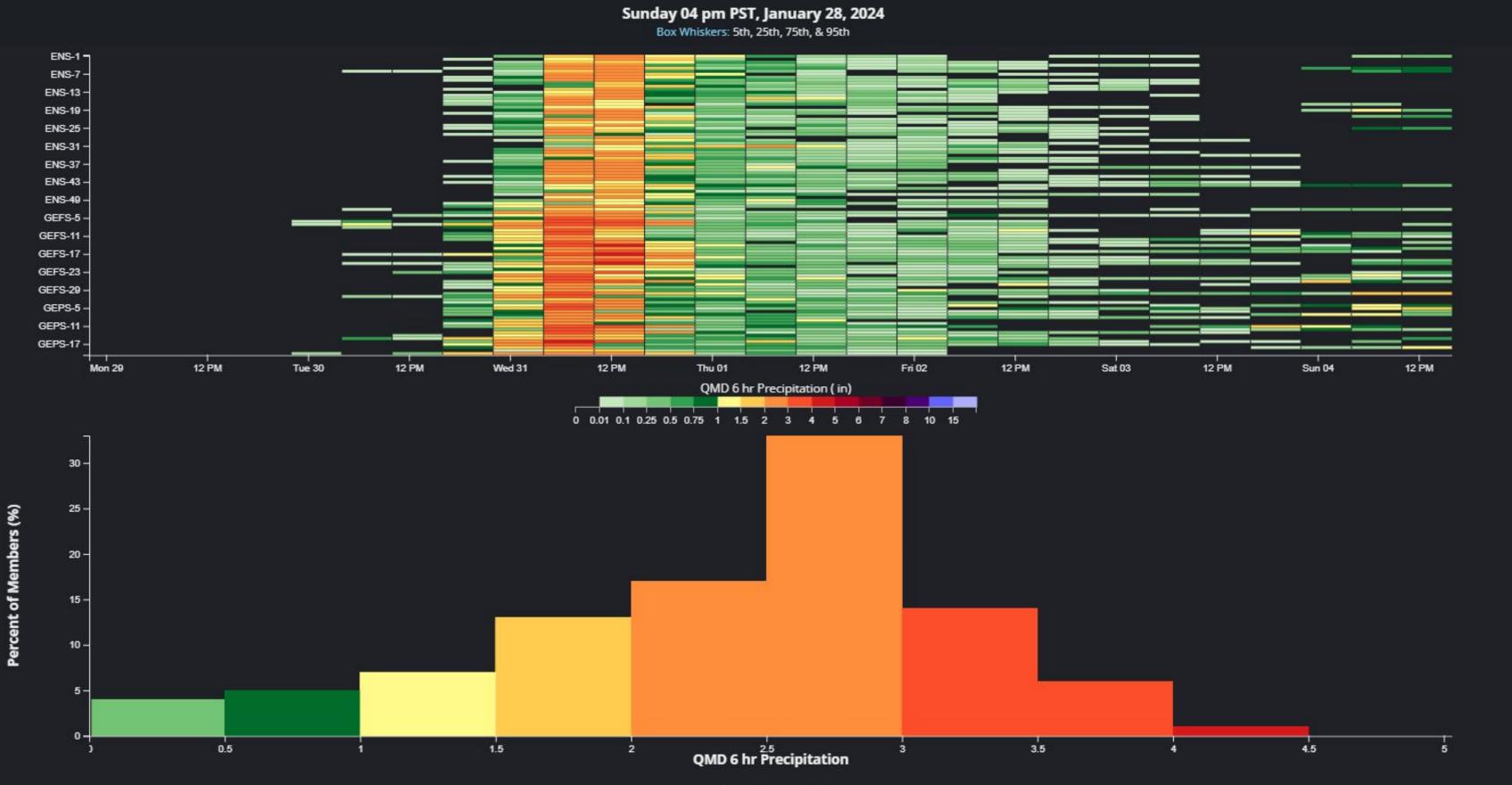
Sunday 04 pm PST, January 28, 2024







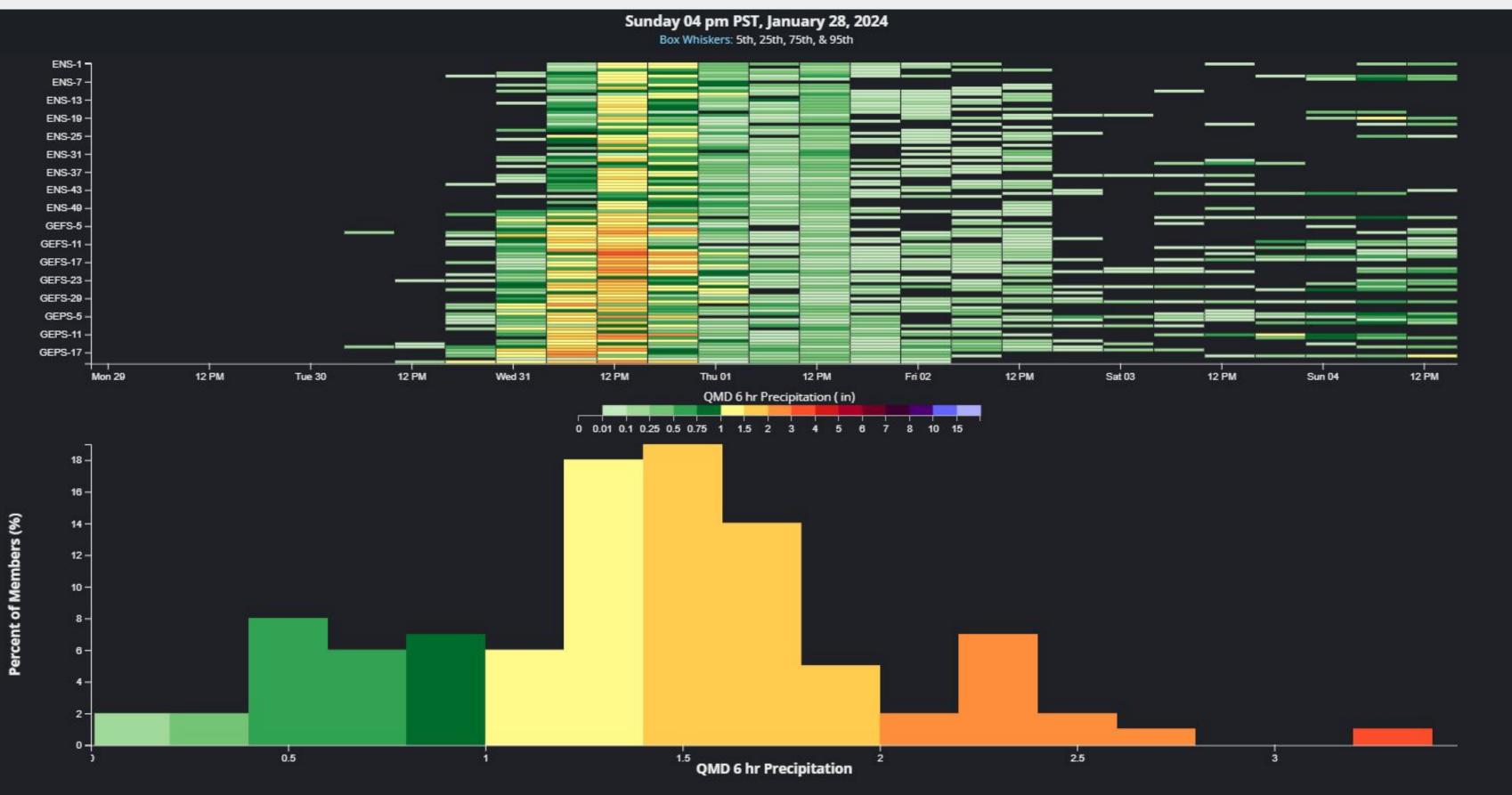
Rain in King Range







Rain in Laytonville

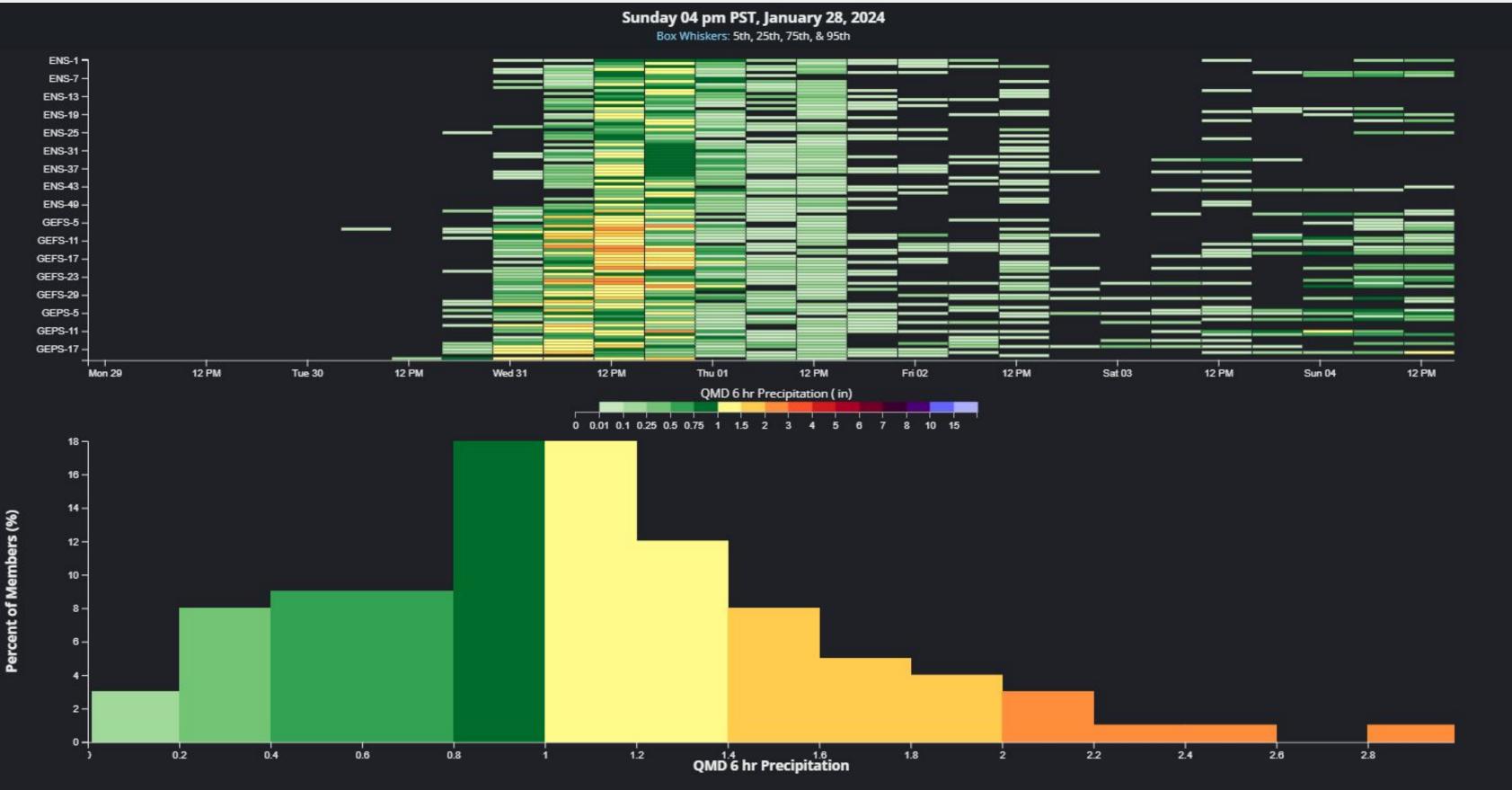






Rain in Ukiah

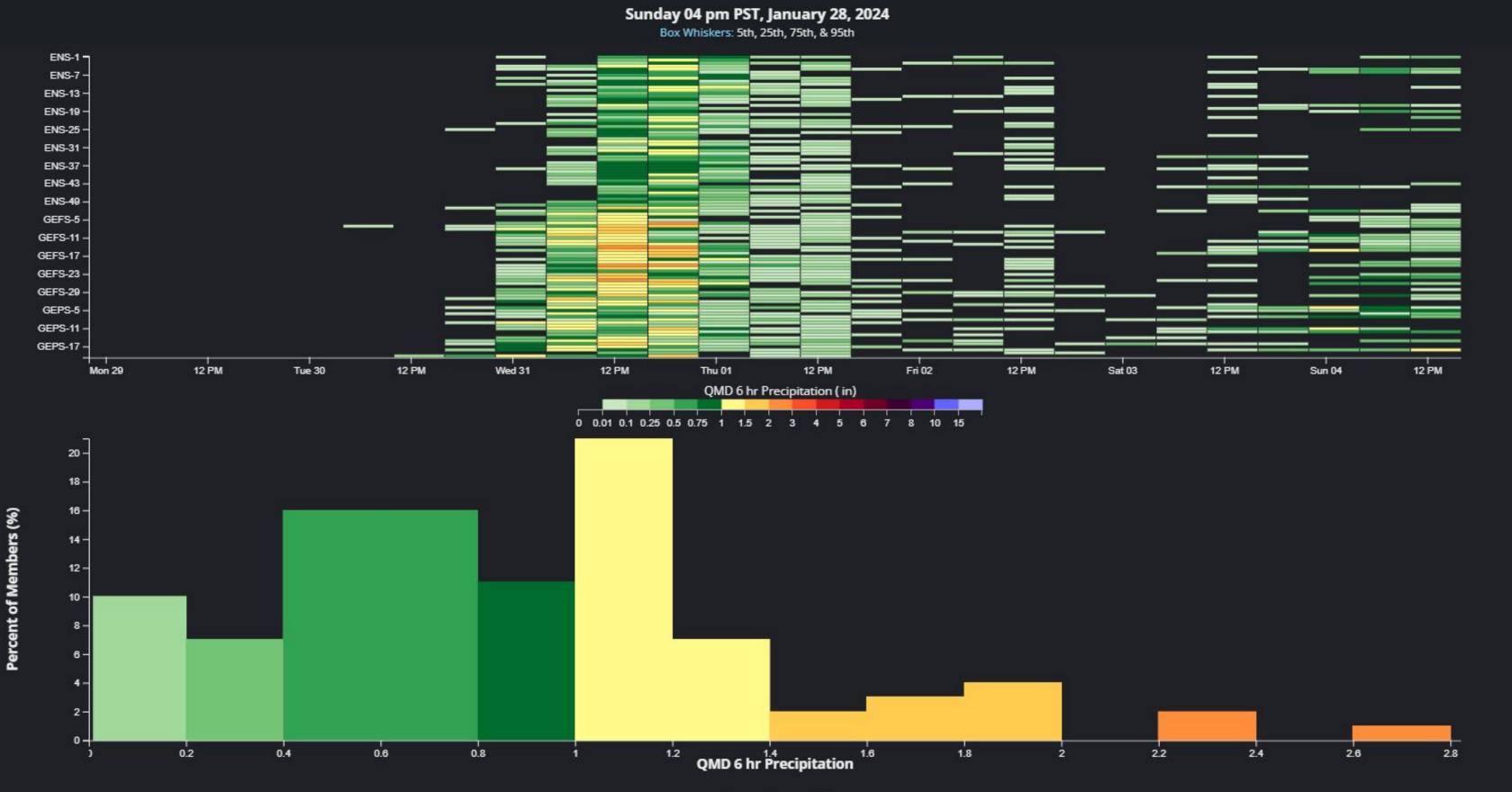








Rain in Lakeport







• Enhanced risk of rock and mudslides on area roadways

Increased risk of small stream and urban flooding, especially in Southern Humboldt, Lake, and Mendocino

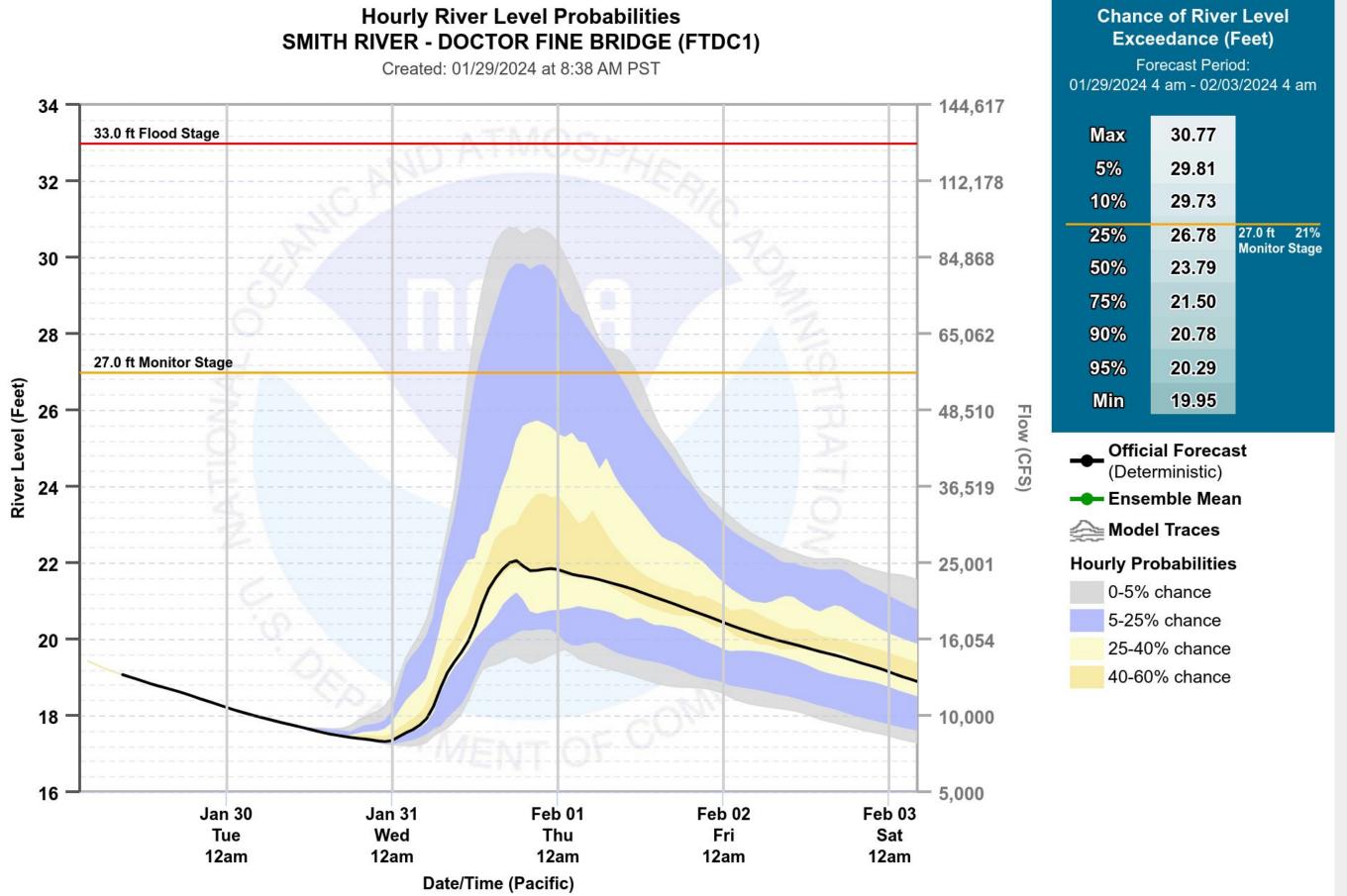




Smith River at Doctor Fine Bridge

Hourly River Level Probabilities

Created: 01/29/2024 at 8:38 AM PST



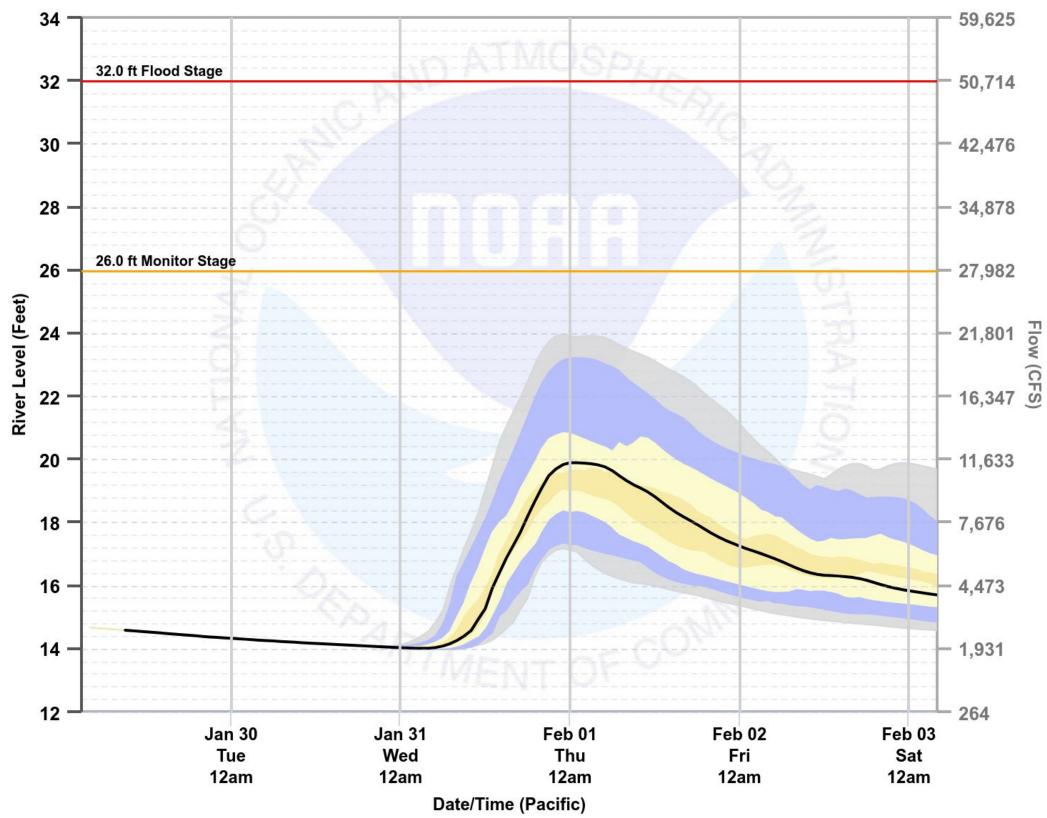




Redwood Creek at Orick

Hourly River Level Probabilities REDWOOD CREEK - ORICK (ORIC1)

Created: 01/29/2024 at 8:38 AM PST





Chance of River Level Exceedance (Feet)

Forecast Period: 01/29/2024 4 am - 02/03/2024 4 am

	Max	23.97	
	5%	23.22	
	10%	22.48	
	25%	21.19	
	50%	19.87	
	75%	18.47	
	90%	17.85	
	95%	17.40	
i.	Min	17.18	



Addel Traces

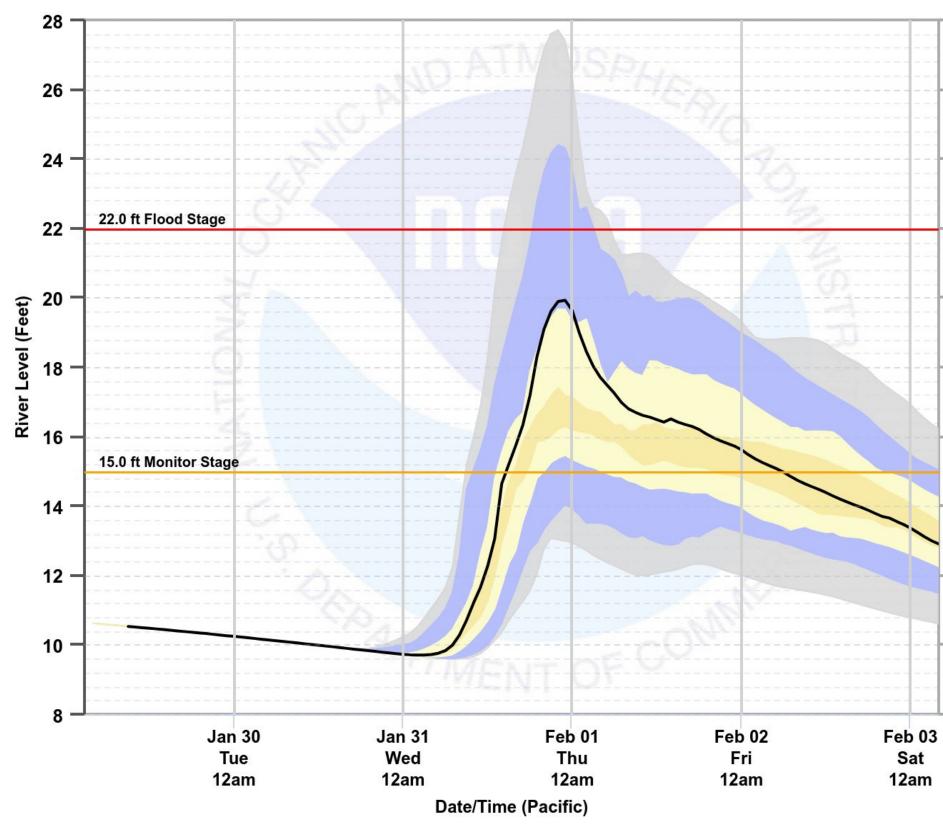
Hourly Probabilities

- 0-5% chance 5-25% chance
- 25-40% chance
- 40-60% chance



Hourly River Level Probabilities MAD RIVER - ARCATA (ARCC1)

Created: 01/29/2024 at 8:38 AM PST

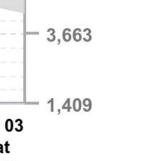




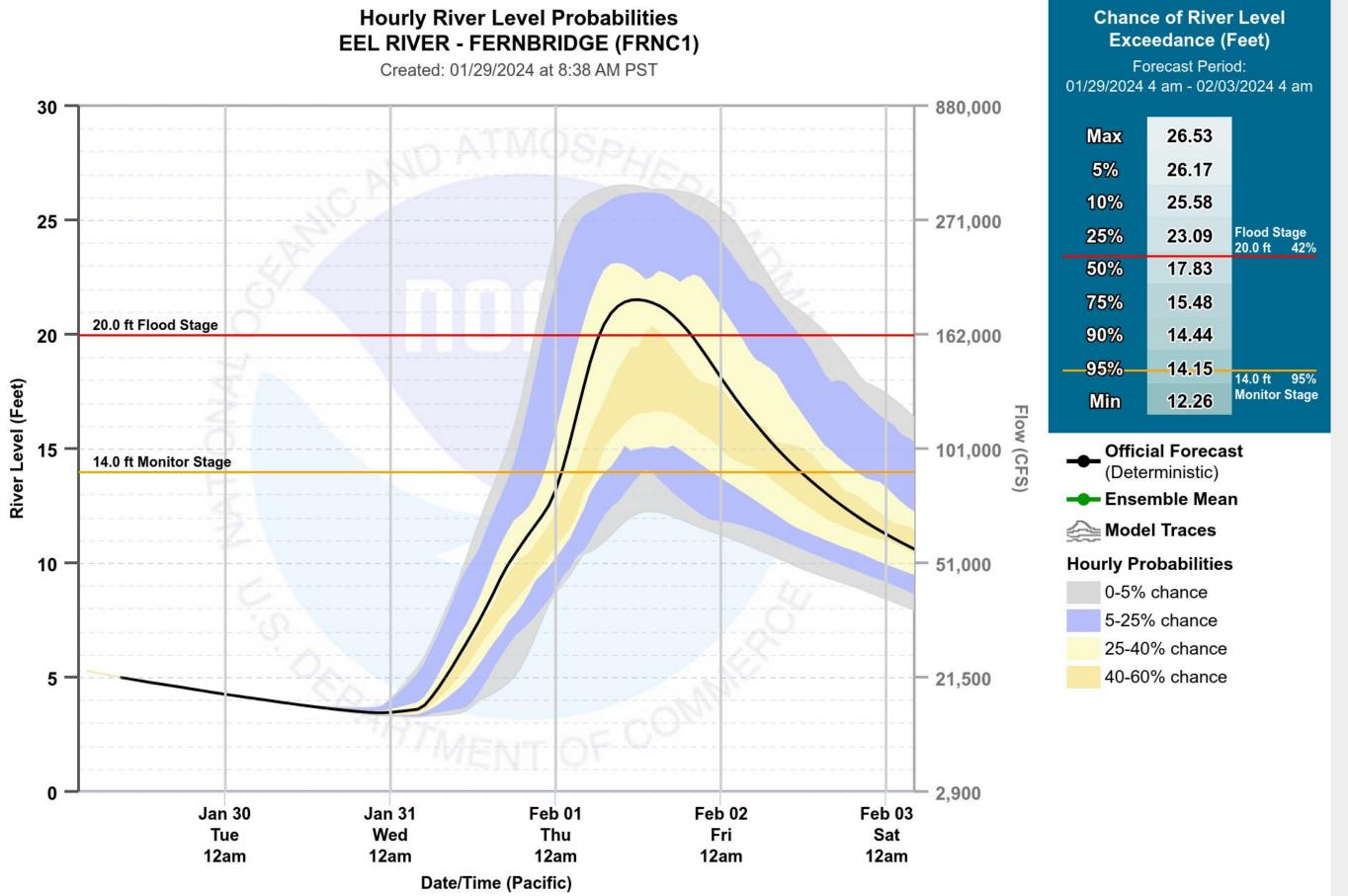
Chance of River Level Exceedance (Feet)

Forecast Period: 01/29/2024 4 am - 02/03/2024 4 am

57,280	o neoreoe r		
	Max	27.71	
48,250	5%	24.40	
	10%	23.21	Flood Stage 22.0 ft 21%
39,921	25%	20.06	
	50%	17.41	
32,309	75%	15.71	
	90%	14.98	15.0 ft 88%
25,428 TI	95%	14.05	Monitor Stage
	Min	13.17	
Flow (CFS)	(Dete	ial Foreca rministic) mble Mea	
13,937	🔶 Mode	el Traces	
	Hourly Pr	obabilities	5
9,919	· · · · · · · · · · · · · · · · · · ·	chance	
		% chance	
6,526)% chance	
	40-60)% chance	
0.000			



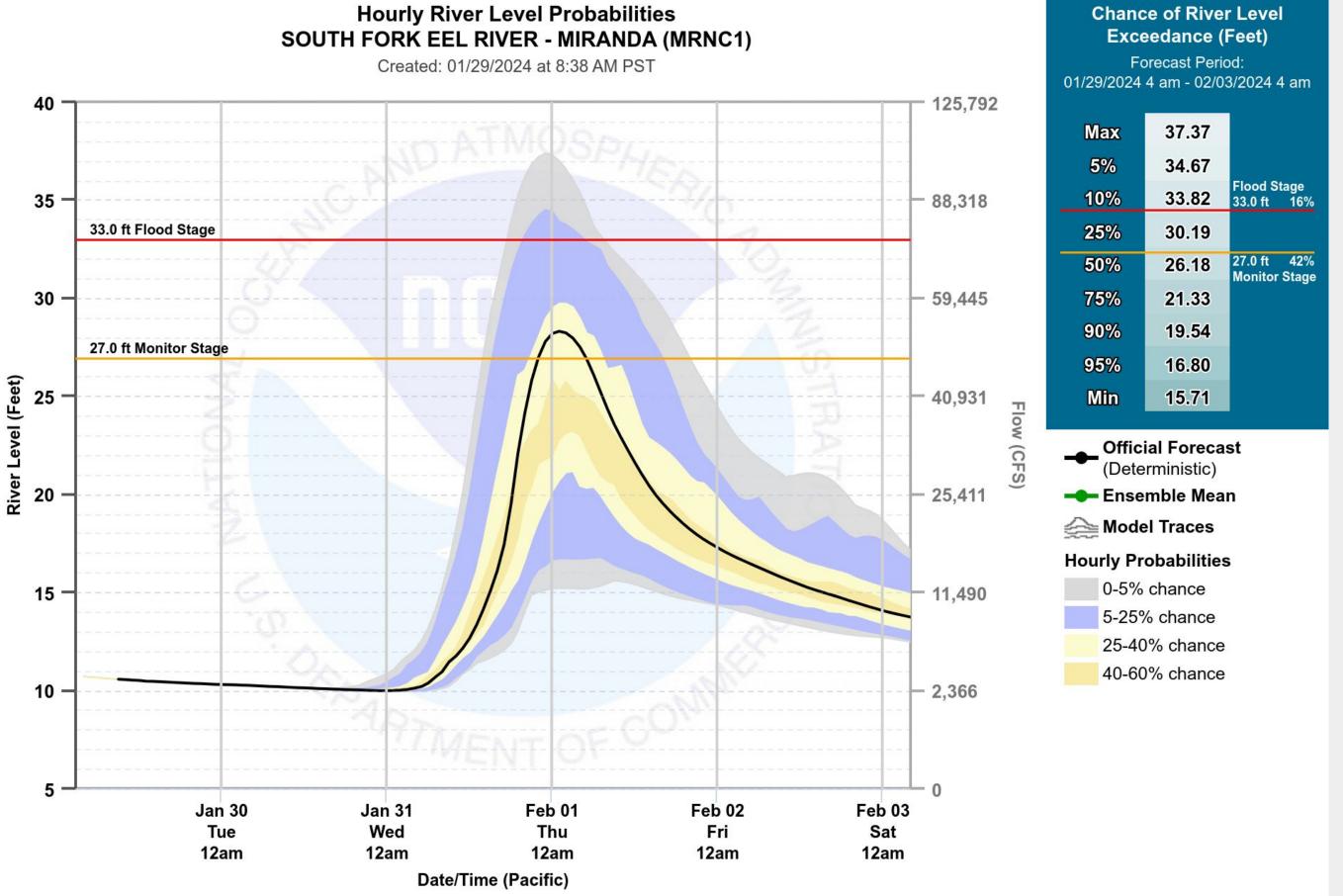








Hourly River Level Probabilities

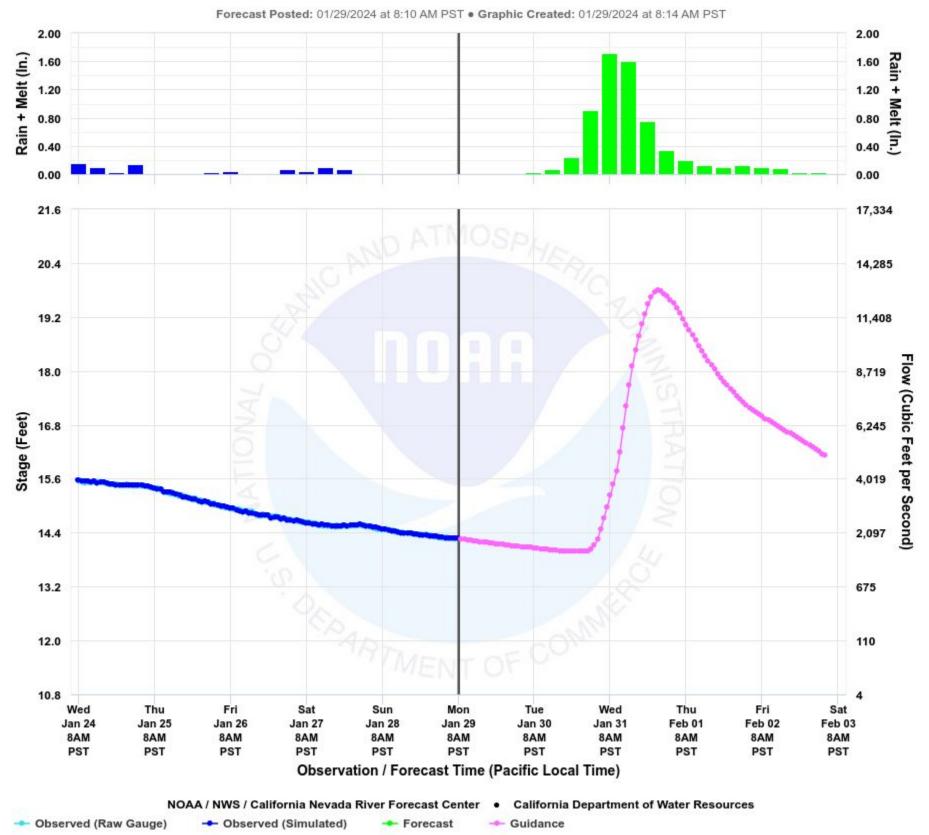




Mattole River at Petrolia

NEATH,

NOAA



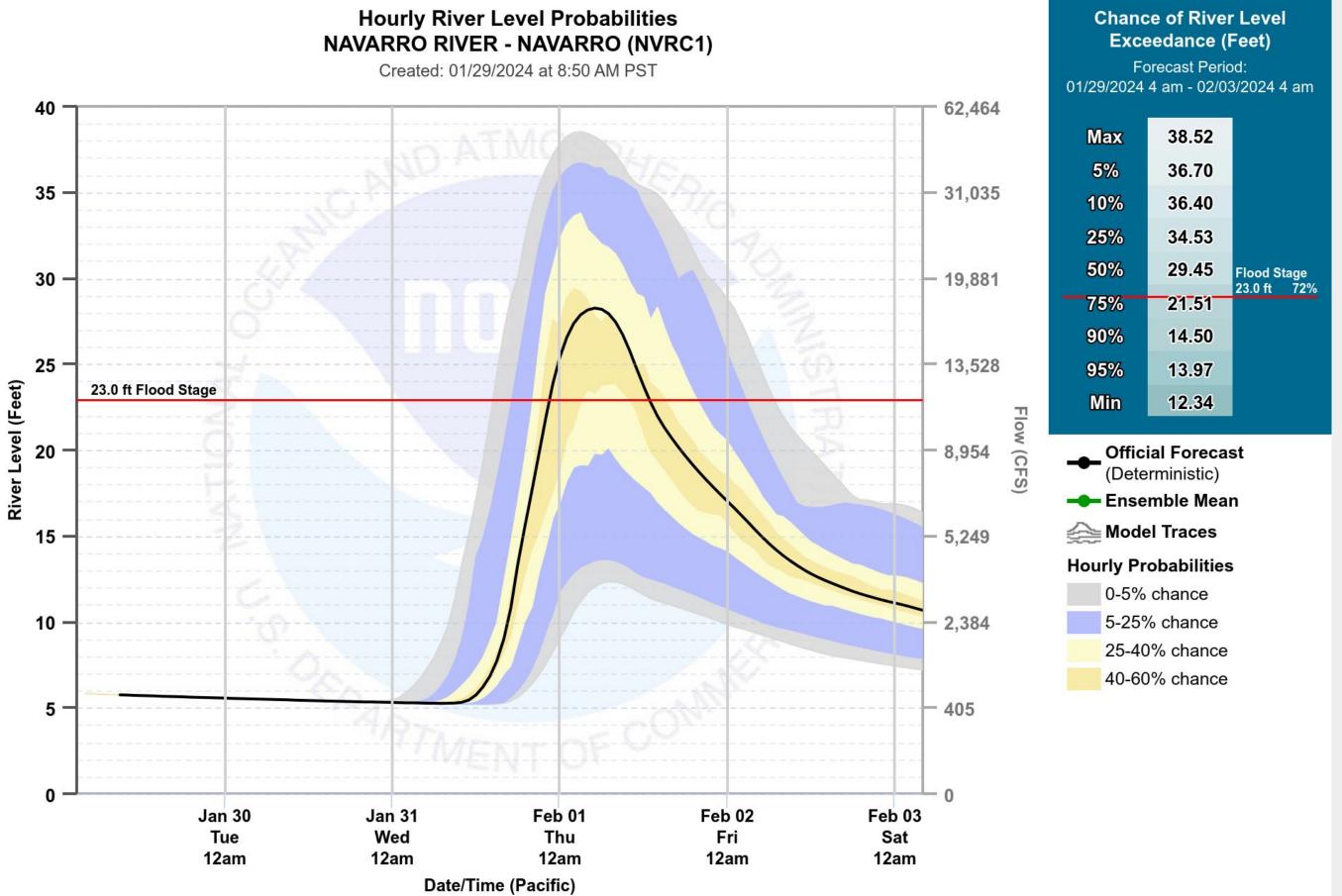
Mattole River - Petrolia (MTOC1) **River Forecast Plot**





Navarro River at Navarro

Hourly River Level Probabilities



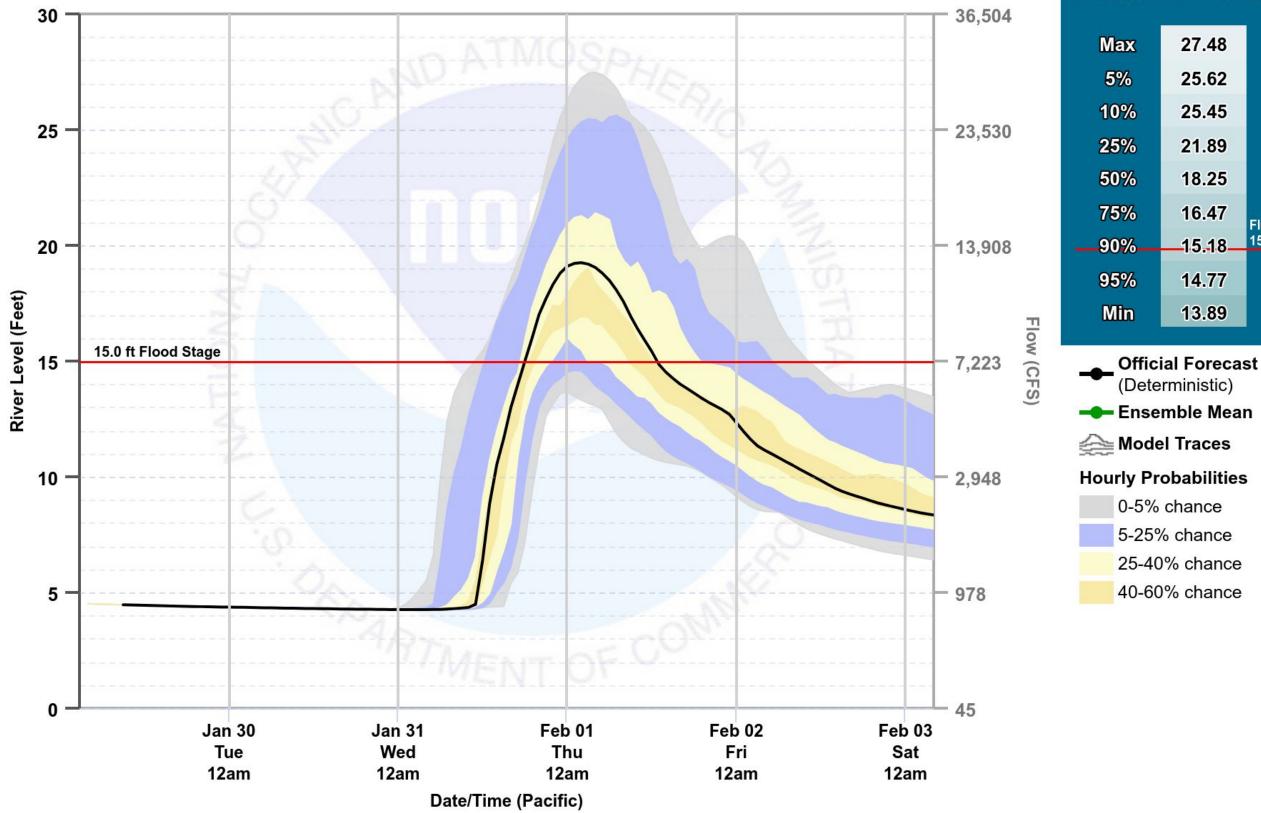




Russian River at Hopland

Hourly River Level Probabilities RUSSIAN RIVER - HOPLAND (HOPC1)

Created: 01/29/2024 at 8:50 AM PST





Chance of River Level Exceedance (Feet)

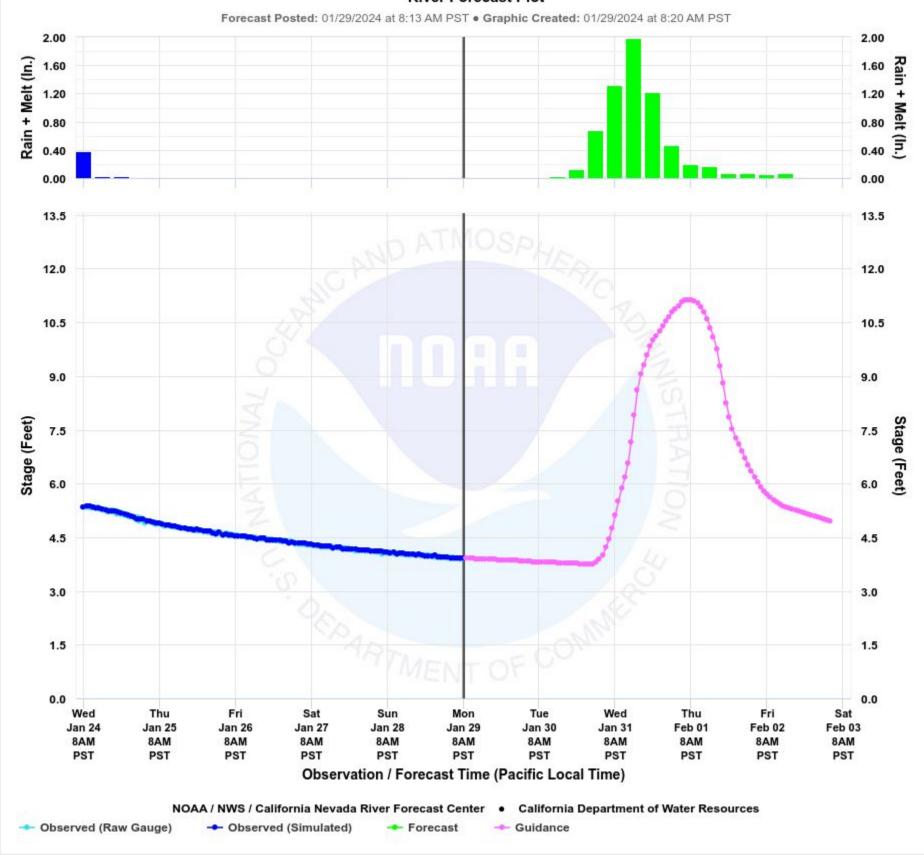
Forecast Period: 01/29/2024 4 am - 02/03/2024 4 am

> Flood Stage 15.0 ft 91%



Garcia River at Point Arena

Garcia River - Point Arena (GRCC1) **River Forecast Plot**

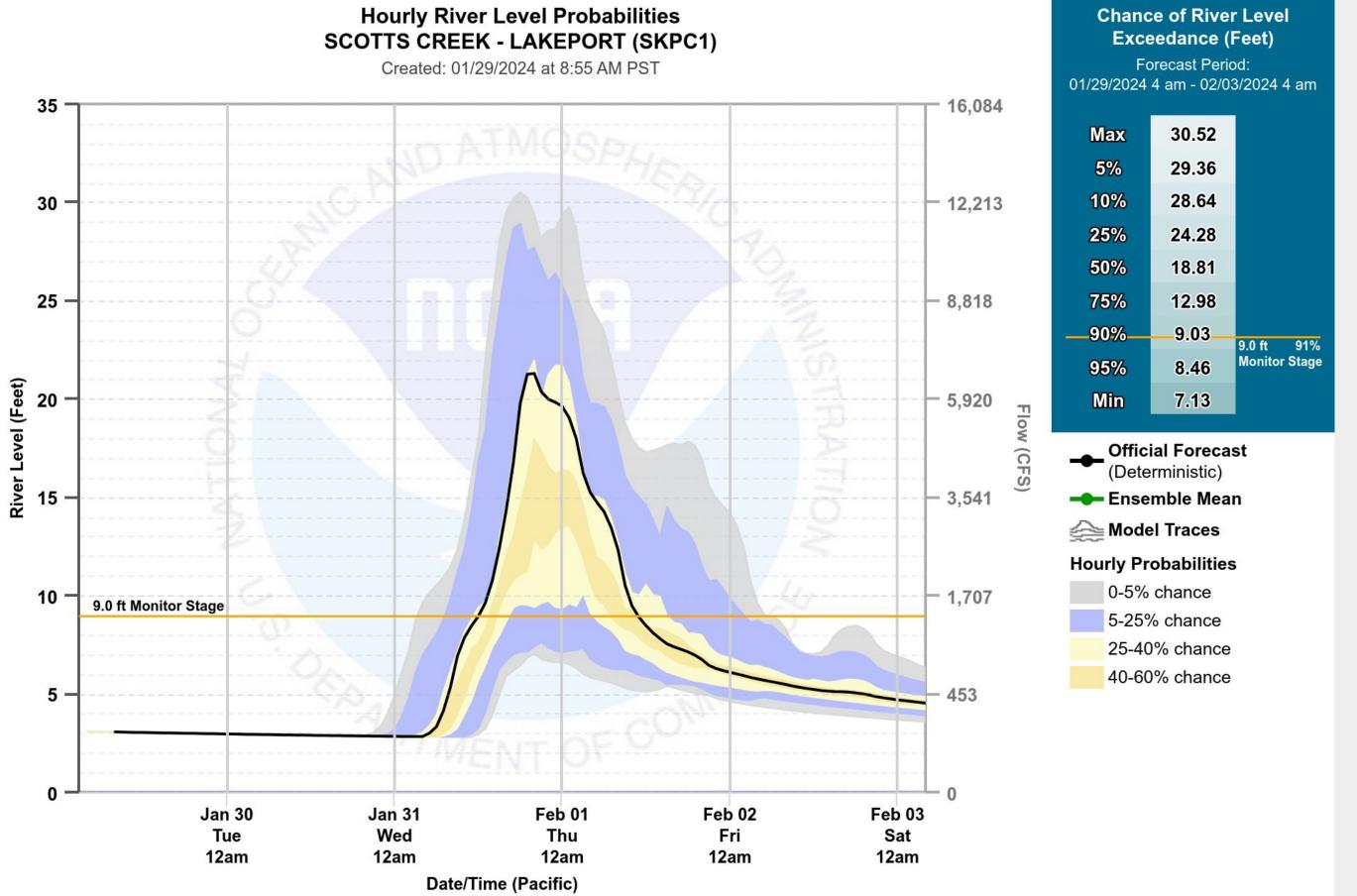






Scotts Creek at Lakeport

Hourly River Level Probabilities



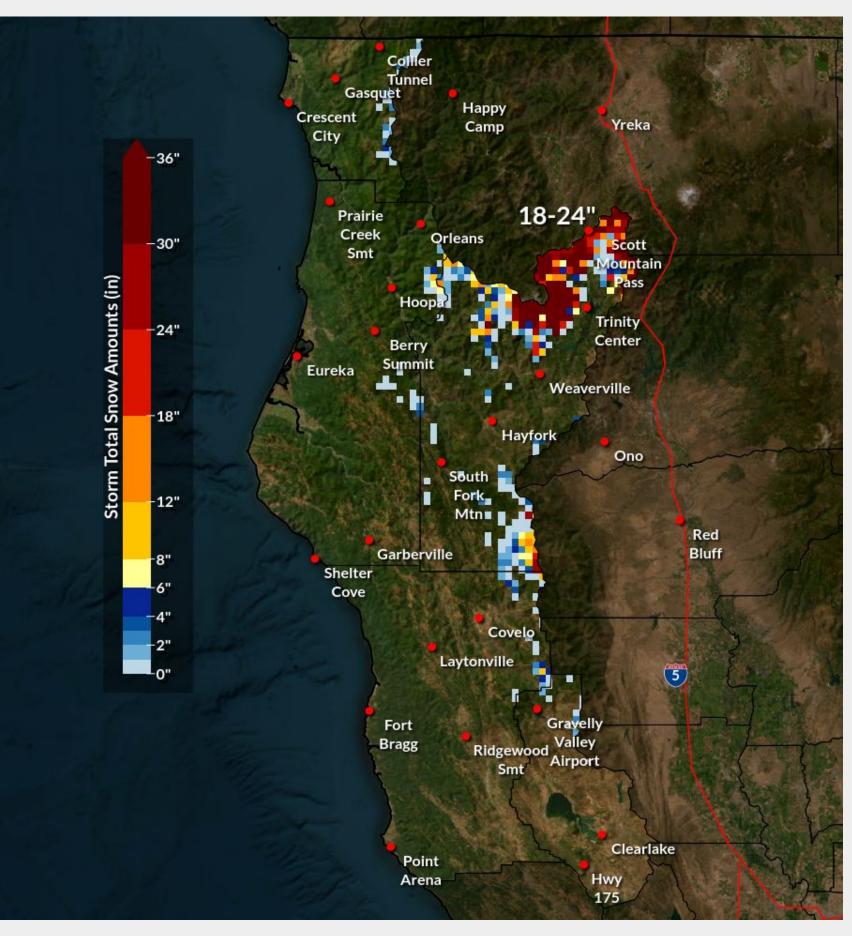




- River forecasts can change rapidly, stay tuned to the **CNRFC** for specific impacts.
- Greatest concerns in Lake and Mendocino, more limited concerns in Humboldt.
- River flooding will likely peak early Thursday.

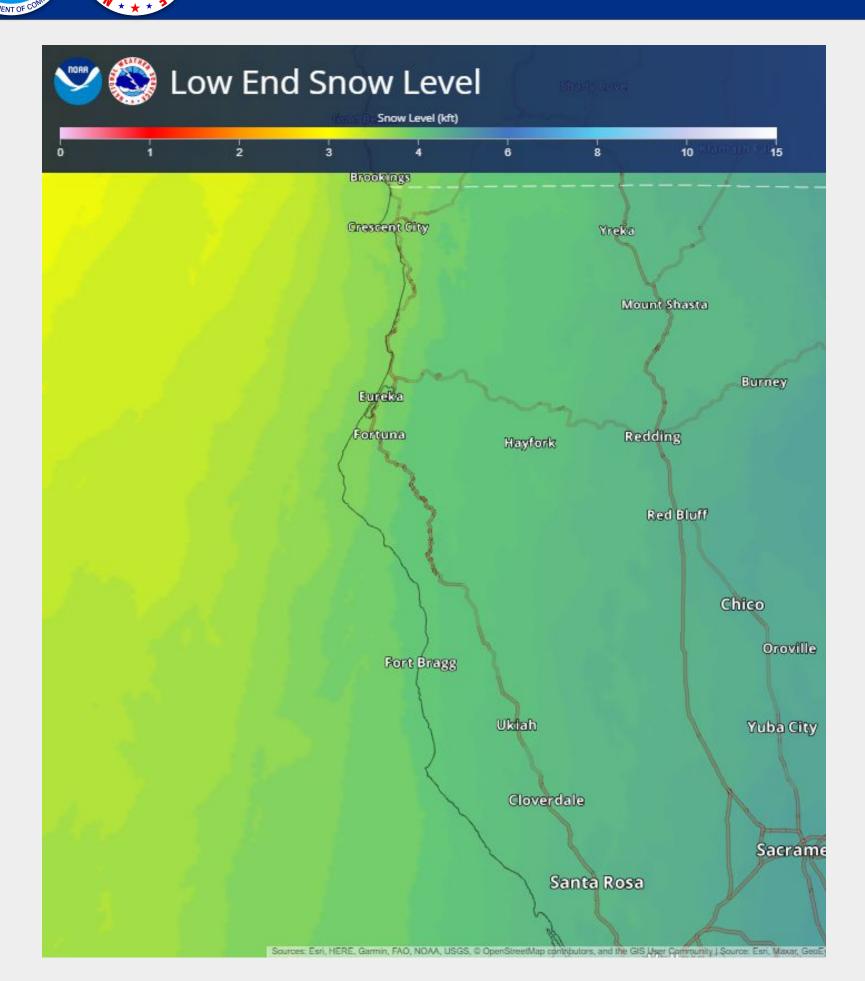




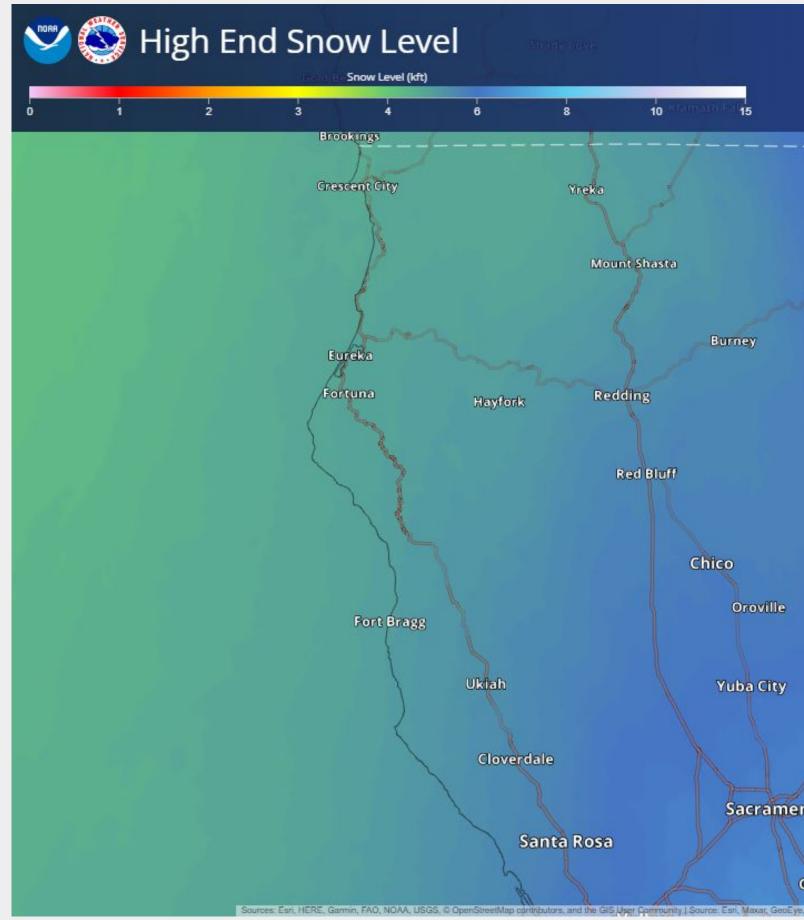




Snow Level Probabilities



NOAA





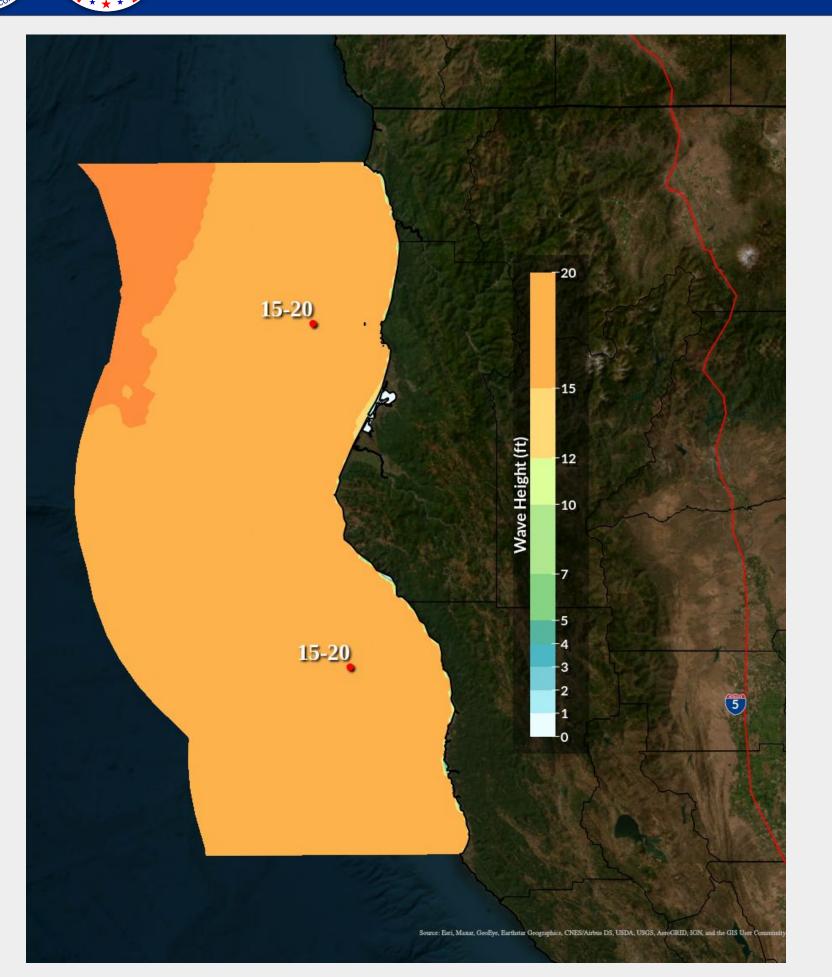


- Snow impacts most likely above 4 kft with 1 to 2 feet.
- Snow possible as low as 3 kft in Trinity.
- If snow levels drop, 4 to 8 inches of snow possible on high passes of highway 36 and highway 299
- Increased risk of chain requirements on high passes.



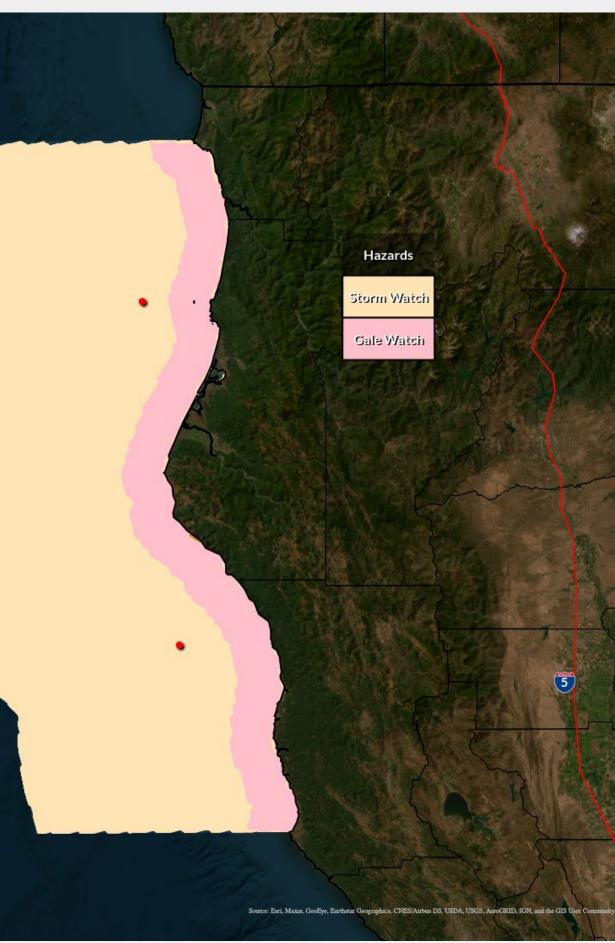


NOAA











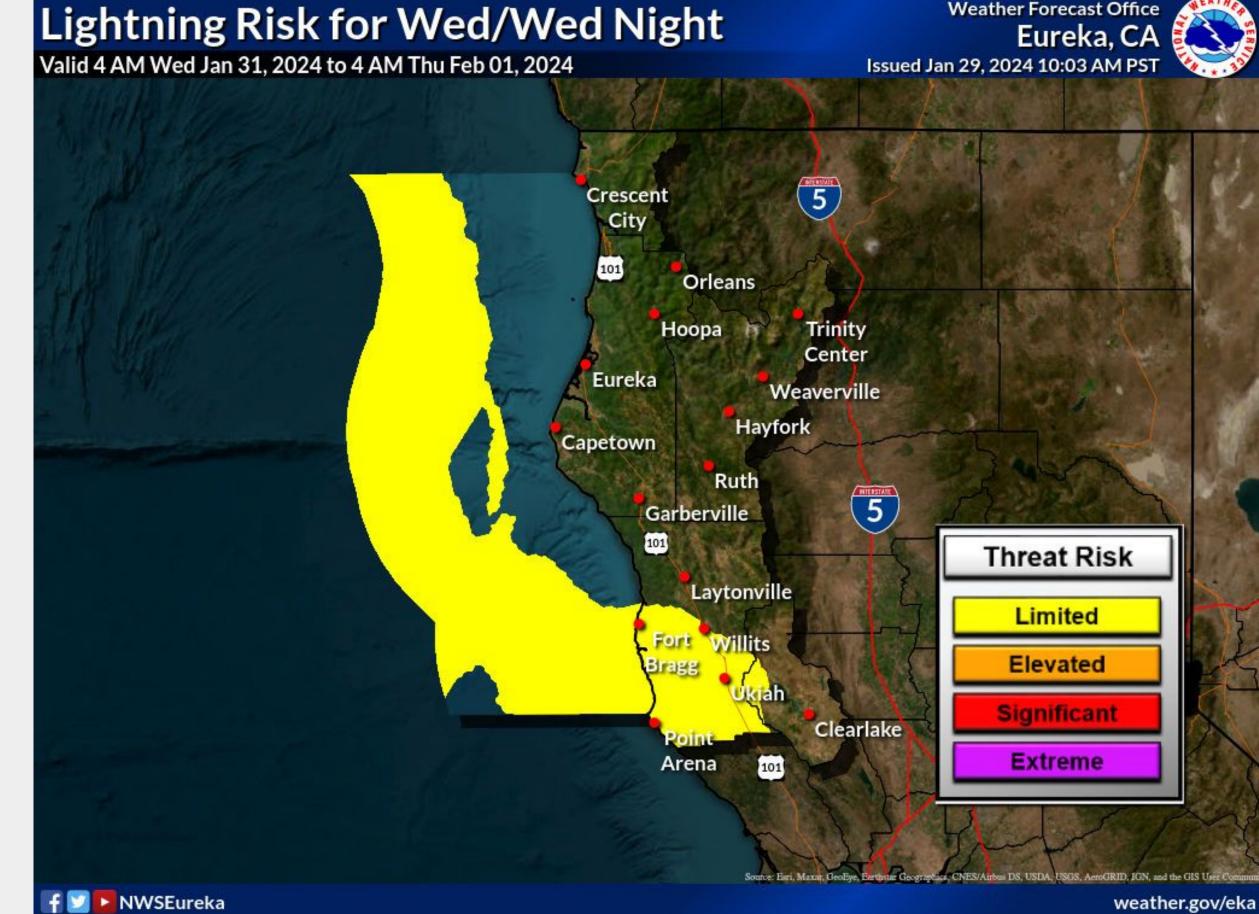
Very steep short period seas Wednesday

High surf behind the storm on Thursday with surf run up as high as 25 feet.



Limited Thunder Risk Thursday

NOAA





Weather Forecast Office



WEATHER RISK OUTLOOK

Risk levels incorporate potential impacts from weather hazards and likelihood of occurrence for a reasonable worse case scenario.

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