



Scattered Showers With Locally Heavy Rainfall Today

Good morning partners. Lingering weather impacts continue today with scattered showers and a few thunderstorms. While the risk for widespread flooding has decreased, localized flooding remains a concern for areas that receive heavier rainfall today. Rain amounts will vary from place to place given the scattered nature of the showers, with most likely amounts generally 0.25-1.25". However a few places could pick up greater amounts if a heavier shower or storm impacts them. Rain will gradually decrease from north to south late this afternoon and into tonight.

KEY POINTS

- Scattered showers and a few thunderstorms today
- Most likely rain amounts generally 0.25" to 1.25" - however locally higher totals possible in thunderstorms
- Conditional risk for localized amounts exceeding 1.5" - but low confidence
- Widespread flooding concerns have lessened, but localized flooding is possible where heavier showers/storms occur
- Can't rule out flash flooding if storms impact an urban area or burn scar; but low confidence in this occurring
- Bay Area rain chances increase late morning North Bay; afternoon into early evening elsewhere
- Central Coast rain chances increase late afternoon into the evening and overnight hours
- Only a few lingering showers for Wednesday morning

CHANGES FROM PREVIOUS BRIEFING

10th issuance -

- Risk level increased to moderate for North Bay given saturated soils and ongoing creek and stream flooding.

WEATHER RISK OUTLOOK

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

	Tue 2/20	Wed 2/21	Thu 2/22	Fri 2/23	Sat 2/24	Sun 2/25	Mon 2/26
North Bay Santa Rosa, Napa, San Rafael	Rain Flooding	Lingering Showers			Rain	Rain	
SF Peninsula Half Moon Bay, San Mateo, SFO	Rain Localized Flooding	Lingering Showers			Rain	Rain	
East Bay Oakland, Concord, Livermore	Rain Localized Flooding	Lingering Showers			Rain	Rain	
South Bay San Jose, Gilroy	Rain Localized Flooding	Lingering Showers			Rain	Rain	
Santa Cruz County Santa Cruz, Boulder Creek, Corralitos	Rain Localized Flooding	Lingering Showers			Rain	Rain	
Monterey & San Benito County	Rain Localized Flooding	Lingering Showers			Rain	Rain	

Risk Levels

Little to None

Minor

Moderate

Major

Extreme

DETAILS

North Bay	
Rain	Impacts: <ul style="list-style-type: none">• Those living in river, stream, or creek beds will be displaced by rising water• Saturated soils will not absorb additional water, causing increased runoff• Roadway, urban, and small stream flooding likely• Shallow landslides possible
	Timing: <ul style="list-style-type: none">• Today and Tonight
	Confidence: <ul style="list-style-type: none">• High
Additional rainfall: 0.75-1.25" except locally higher amounts in thunderstorms	

SF Peninsula, East Bay, South Bay, Santa Cruz County, Monterey & San Benito County	
Rain	Impacts: <ul style="list-style-type: none">• Those living in river, stream, or creek beds may be displaced by rising water• Saturated soils will not absorb additional water, causing increased runoff• Roadway, urban, and small stream flooding possible• Shallow landslides possible
	Timing: <ul style="list-style-type: none">• Today and Tonight
	Confidence: <ul style="list-style-type: none">• High
Additional rainfall: 0.25-1" except locally higher amounts in thunderstorms	

FOR MORE INFORMATION

For the latest forecast updates, visit weather.gov/bayarea.

If you have questions or would like to submit weather reports, photos, or to unsubscribe from these briefings, email nws.bayarea@noaa.gov or call **Partners/EM Line: (831) 656-1717 Media Line: (831) 656-1724**.

GRAPHICS



Scattered Showers & Storms Today

Weather Forecast Office
San Francisco Bay Area
Tuesday, February 20

Key Messages

- Scattered Showers and Storms today
- Best chances this afternoon (Bay Area) and evening (Central Coast)
- Heavy rainfall could bring localized flooding
- Roadway and small stream flooding most likely impacts
- Thunderstorm hazards include lightning, small hail, and gusty winds

NEW What Has Changed

- Moderate level impacts North Bay due to ongoing saturation and creek flooding



Overview.png



Flood Watch through Wednesday AM

Weather Forecast Office
San Francisco Bay Area
Tuesday, February 20

What

- Flooding due to excessive rainfall

Where

- Bay Area and Central Coast

When

- 10 AM Sunday through 10 AM Wednesday

Impacts

- Rises on creeks, rivers, and streams
- Flooding of creeks, streams, and in urban areas
- Ponding of water on roadways and other low-lying areas
- Increased risk of shallow landslides (e.g. rocks or debris on roadways)

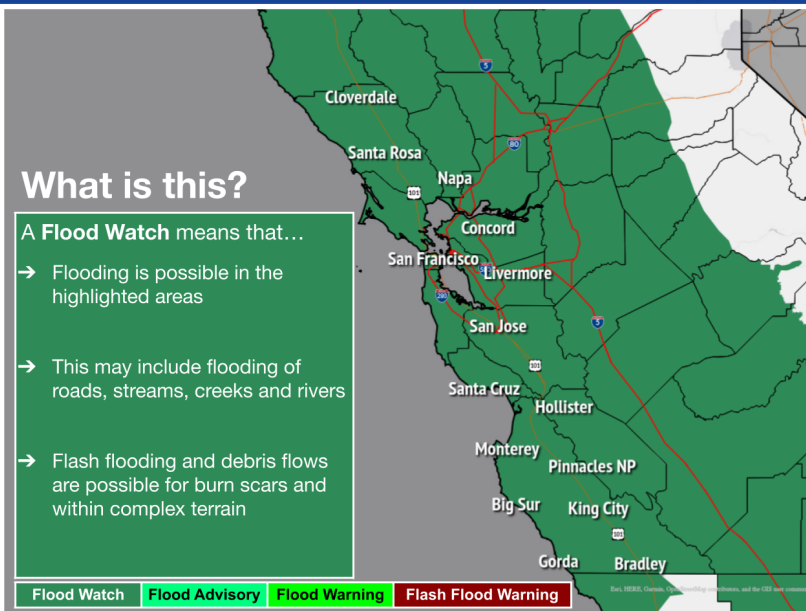
Forecast Confidence




What is this?

A **Flood Watch** means that...

- Flooding is possible in the highlighted areas
- This may include flooding of roads, streams, creeks and rivers
- Flash flooding and debris flows are possible for burn scars and within complex terrain




FloodWatch.png



Flash Flood Watch


4PM February 18 through 10AM February 21

Published:
February 18, 2024



River Fire Burn Area in
Monterey County

Rainfall Rates





0.60– 1.00 inches per hour

Impacts

Heavy rainfall may lead to
rockslide, debris flows, and flash
flooding in recent burn areas and
locations downstream of the
burn area

**DO NOT ATTEMPT TO CROSS
FLOODED ROADWAYS!!**







NATIONAL WEATHER SERVICE
NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION

San Francisco Bay Area
weather.gov/bayarea

FFW.png

Thunderstorm Outlook - Today

Weather Forecast Office
San Francisco Bay Area
Tuesday, February 20

What

→ A few thunderstorms

Where

→ Bay Area
→ Central Coast

When

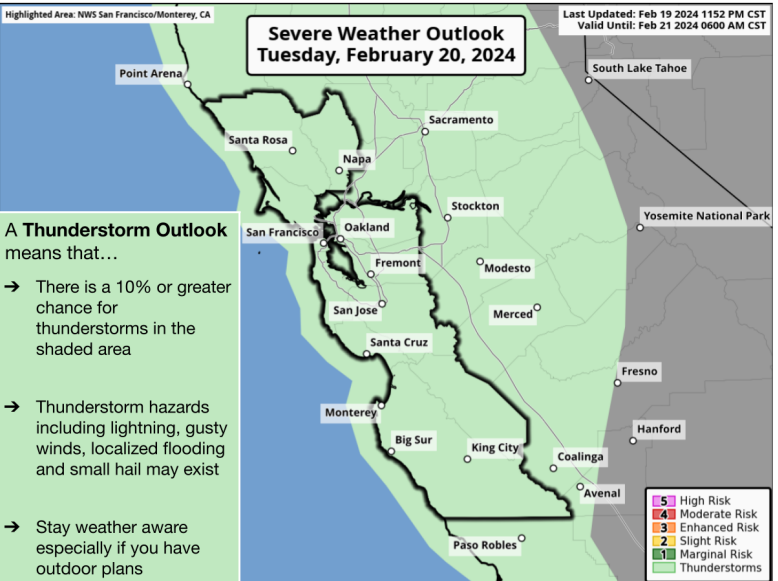
→ Today and Tonight
→ Most likely time this afternoon (Bay Area) and evening (Central Coast)

Impacts & Safety

→ Stay weather aware
→ When thunder roars go indoors!

A Thunderstorm Outlook means that...

- There is a 10% or greater chance for thunderstorms in the shaded area
- Thunderstorm hazards including lightning, gusty winds, localized flooding and small hail may exist
- Stay weather aware especially if you have outdoor plans



Highlighted Area: NWS San Francisco/Monterey, CA

Last Updated: Feb 19 2024 1152 PM CST
Valid Until: Feb 21 2024 0600 AM CST

Forecast Confidence

Low

Medium

High

6

thunderstormOutlook.png

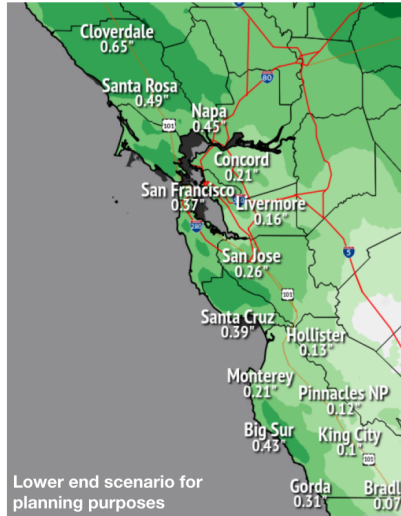


Additional Rainfall Today

Weather Forecast Office
San Francisco Bay Area
Tuesday, February 20

Low End Rain Amount

9 in 10 Chance (90%) of Higher Amount



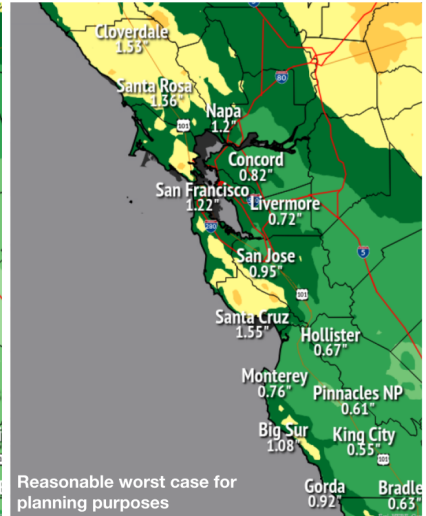
Most Likely Rain Amount

Official NWS Forecast

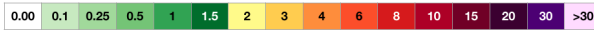


High End Rain Amount

1 in 10 Chance (10%) of Higher Amount



Precipitation (Inches)



The purpose of these experimental probabilistic liquid precipitation products is to provide customers and partners a range of liquid precipitation possibilities, in complement to existing NWS deterministic liquid precipitation graphics, to better communicate forecast uncertainties during precipitation events.

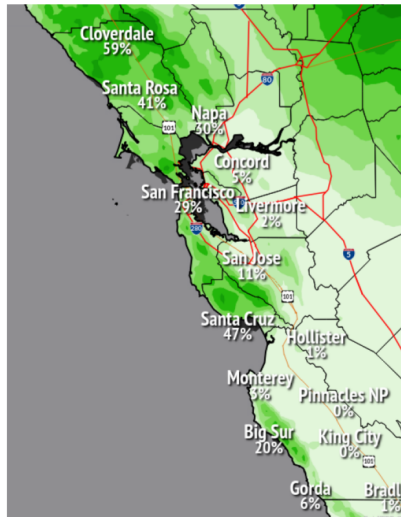
AdditionalRain.png



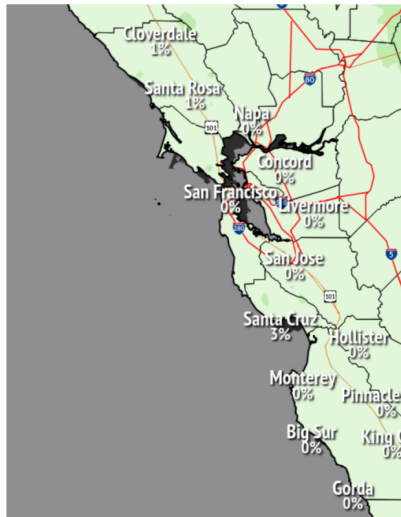
Rain Probabilities - Today (locally higher amounts possible in storms)

Weather Forecast Office
San Francisco Bay Area
Tuesday, February 20

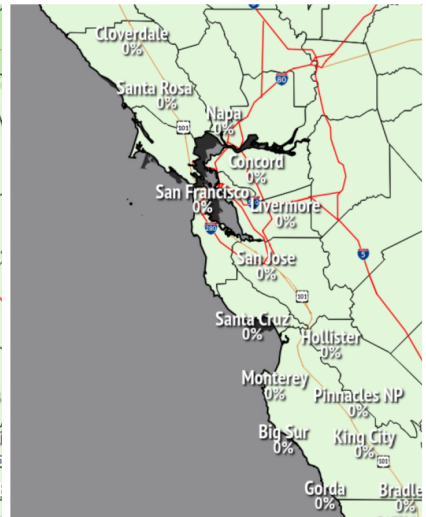
Potential for 1.0"+ Liquid Precipitation



Potential for 2.0"+ Liquid Precipitation



Potential for 4.0"+ Liquid Precipitation



Probability (Percent)



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AdditionalRainProbs.png