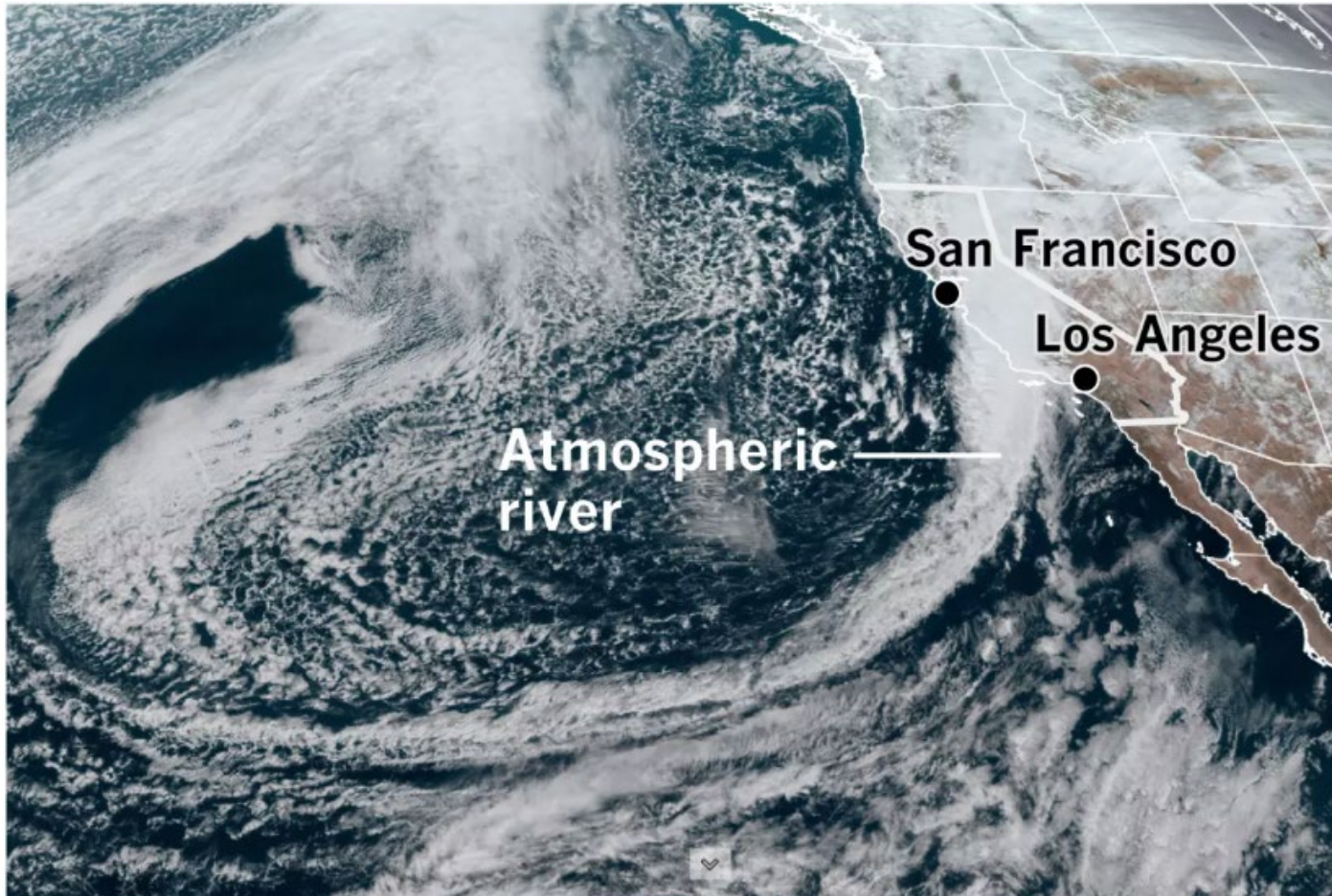
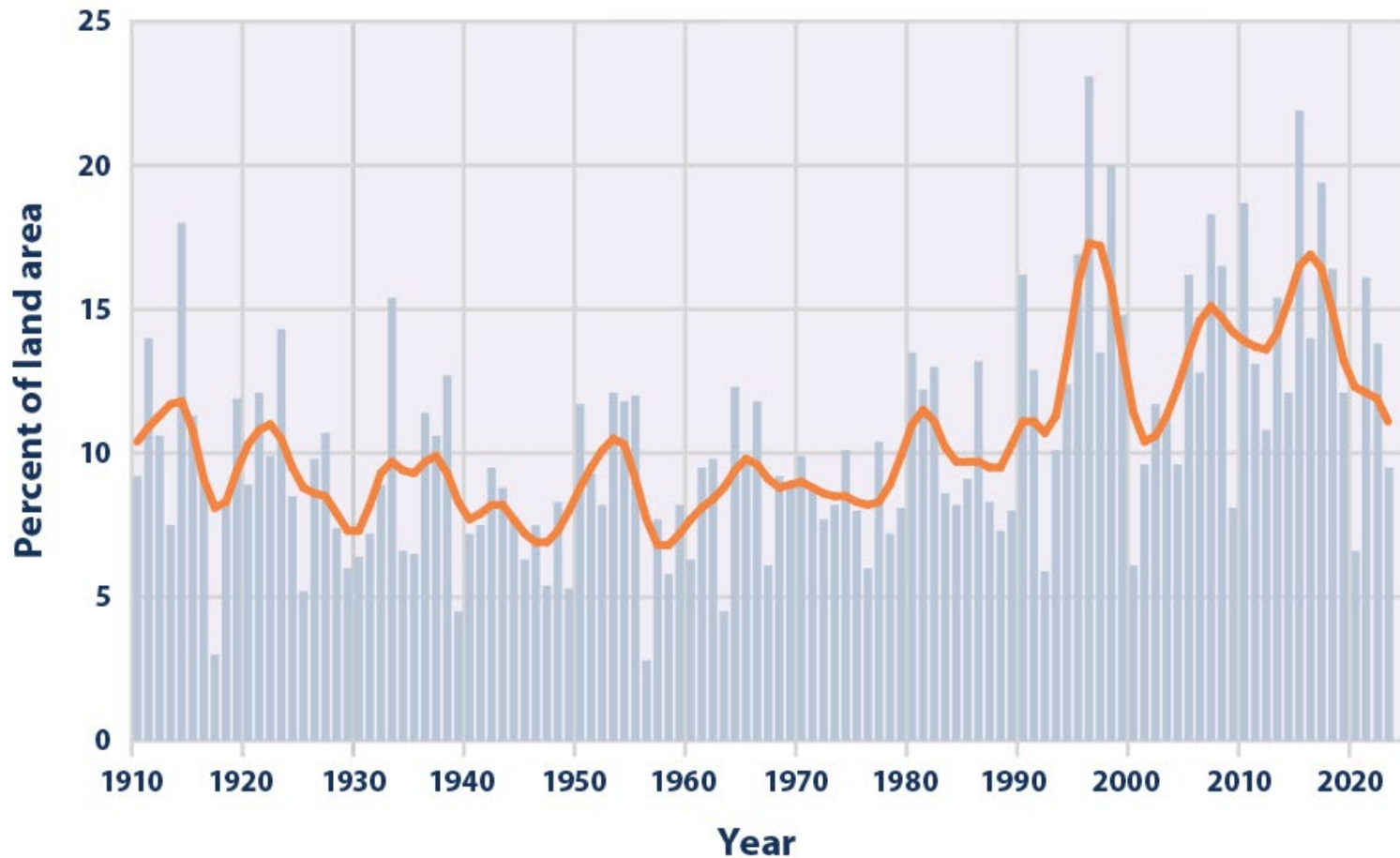


Climate Resilience - Planning for Uncertainty



NOAA and LA Times ([What is an atmospheric river? How can it affect California? - Los Angeles Times](#), Jan 28, 2021)

Extreme Precipitation Events in the Contiguous 48 States (1910-2023)



'Catastrophic flooding' forces water rescues in Vermont after 1-in-1,000-year rainfall event

By Alisha Ebrahimji and Kara Mihn, CNN
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ENVIRONMENT

On one night, two places in the Northeast get hit with 1-in-1,000 year rainfall

Climate change has made more severe storms far more likely in the Northeast because a warmer atmosphere can hold more water.

▶ Northeast cleans up after deadly storms cause severe flooding 00:28

NORTHEAST CLEANING UP AFTER HISTORIC RAINFALL

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How an unnamed storm brought a 1,000-year rainfall in the Carolinas

The same storm system will drench parts of the Mid-Atlantic on Tuesday, with more flooding possible.
September 17, 2024

4 min 182



OKLAHOMA JUST EXPERIENCED A 1,000-YEAR RAINFALL EVENT

Kelso | Published: June 20, 2024

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On any given day in Oklahoma, the Panhandle doesn't come up in normal conversation.

'Catastrophic flooding' forces water rescues in Vermont after 1-in-1,000-year rainfall event

By Alleha Ebrahimji and Kara Mhm, CNN
4 minute read · Updated 11:53 PM EDT, Tue July 30, 2024

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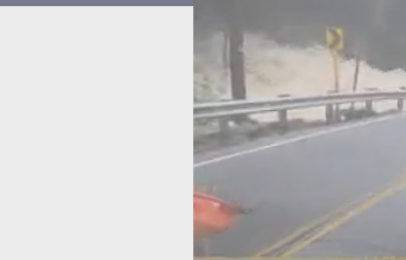
Workers clear debris amid flood damage in Lyndon

ENVIRONMENT

On one night, the Northeast hit with 1-in-1,000-year rainfall

Climate change has made more extreme weather events possible, and the atmosphere can hold more water vapor than it could a century ago.

▶ Northeast cleans up after deadly storm
00:28



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@Weather_West · Sep 28, 2024

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How an unnamed storm brought a 1,000-year

on Tuesday, with more flooding possible.

Sept. 16. (Video: The Washington Post)

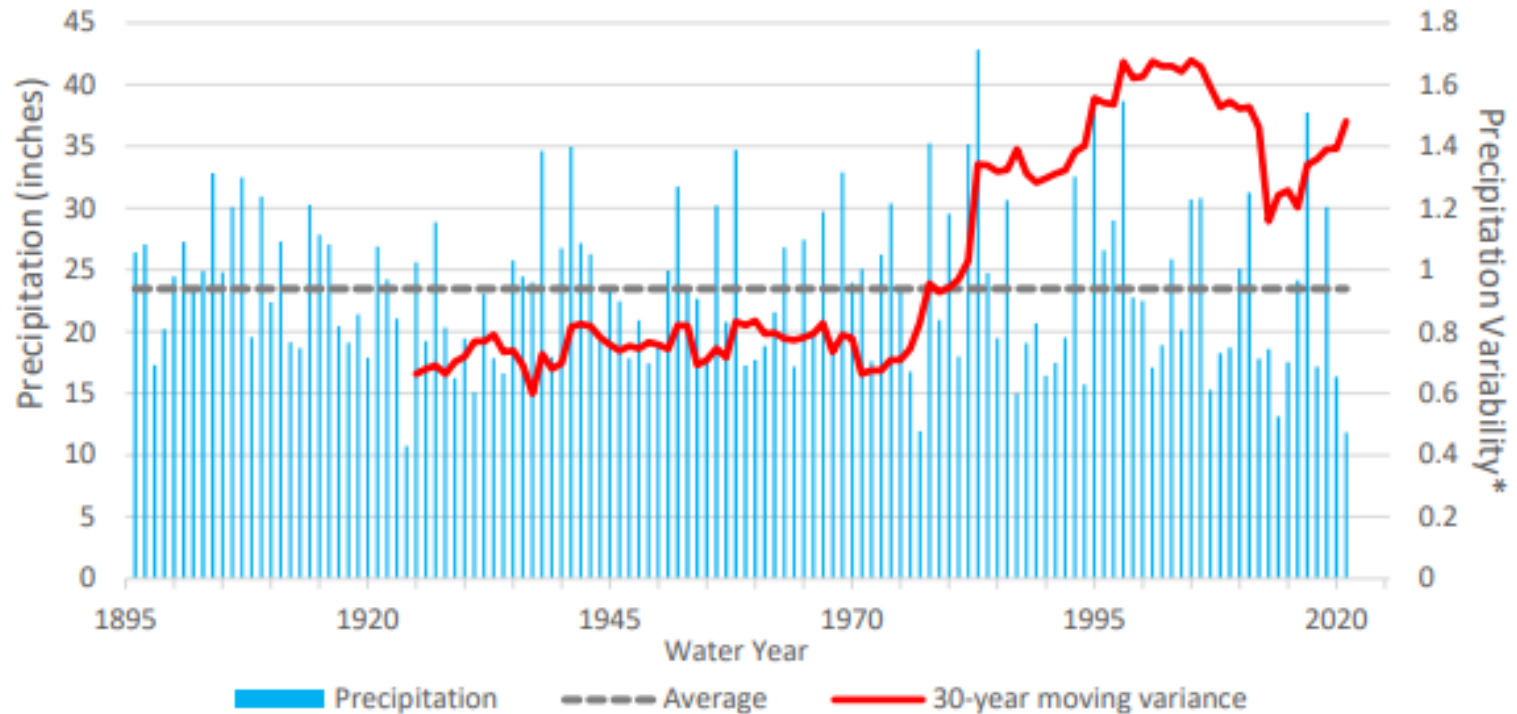
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On any given day in Oklahoma, the Panhandle doesn't come up in normal conversation.

Figure 1. Statewide annual precipitation (1895-2021)



Source: WRCC, 2022

***Precipitation variability:** the value shown for each year beginning in 1925 is the ratio of the variance for the 30-year period ending in that year to the variance over the entire period (1895-2021). A ratio above 1 means precipitation was more variable; below one, less variable.

LOCAL



Bay Area storm photos show flooding and damage

By Sara Sedillo | Published January 1, 2023 9:51am PST | Severe Weather | KTVU FOX 2 | ➔



Extreme rain wreaks havoc in Bay Area

From flooded homes to road closures, many throughout the Bay Area felt the impact of Saturday's storm.

WEATHER

These photos show the S.F. Bay Area submerged by battering, historic rainstorm

By Chronicle Staff

Updated Jan 1, 2023 3:19 p.m.



People try to unclog storm drains to help ease the flooding along 14th Street in the Mission District in San Francisco as a battering storm wreaks havoc in the Bay Area.

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Public Works Director
City of San Mateo

Steve Moore

General Manager
Ross Valley Sanitary District

Marsha Van Loan

Associate Engineer
San Francisco Public Utilities District