

WATER SUPPLY CONDITIONS UPDATE 12/27/2022

You can now access Updates on our website: <https://www.rrfc.net/weekly-water-supply-conditions-update>

Water Supply Availability in the Russian River Watershed in 2022

Russian River curtailments continue to be suspended due to low demand and precipitation events.

Upper Russian River Water Sharing Program

The [Upper Russian River Water Sharing Program](#) has concluded for 2022. The first annual implementation report will be available soon and improvements are being made for a 2023 operational year, if needed. Read more about the Program in this recent article: [Inside Climate News - When the State Cut Their Water, These California Users Created a Collaborative Solution, 12/26/22](#)

Eel River to Russian River diversions through Potter Valley Project: At approximately 4 am on 12/27/22, Lake Pillsbury reservoir level reached 36,000 AF, therefore ending the variance. PG&E formally notified FERC later that day. Scott Dam release was increased and, as travel time allowed, East Branch Russian River minimum flow increased to 35 cfs plus buffer per the RPA, for a total of 45 cfs. No changes to E-11 flows have been made, as those flows were not changed by the variance.

Reservoir Storage & Operations([More info here](#)):

Water supply information below and attached provided by Sonoma Water. National Weather Service updates **attached**.

Lake Mendocino

12/26

Current Storage (acre-feet)	37,857
Target Water Supply Storage Curve (acre-feet)	61,205
% of Target Water Supply Storage Curve	61.85%
7-day change (acre-feet)	-93

Lake Pillsbury

12/25

Current Storage (acre-feet)	33,101
Target Storage Curve (acre-feet)	27,012
7-day change (acre-feet)	+566

Lake Sonoma

12/26

Current Storage (acre-feet)	97,695
Target Storage Curve (acre-feet)	245,000
% of Water Supply Pool	39.88%
7-day change (acre-feet)	-854



Ukiah Valley, December 2022 by CJ Watt

[CA Natural Resources Secretary Wade Crowfoot's December 2022 Message on YouTube](#)

In the press:

- [CA Water Plan eNews December 21, 2022](#)
- [Maven's Notebook, Dec 18-23, 2022](#)

- [Stanford University Water & the West - A simmering revolt against groundwater cutbacks in California, 12/14/22](#)
- [ACWA - DWR Still Accepting Applications for Turf Replacement and Drought Relief Projects - due Jan 31, 2023](#)
- [Water Education Foundation - Layperson's Guide to Water Conservation is now available.](#)
- [Office of CA Governor - California's World-Leading Conservation Goals Adopted Globally, 12/19/22](#)
- [Eos - Groundwater Replenishes Much Faster Than Scientists Previously Thought, 12/20/22](#)
- [Record Searchlight - Siskiyou County gets \\$1.5M to prepare for climate change, 12/18/22](#)

Other resources & information:

- [Mendocino County Water Agency Drought page](#)
- [SWRCB Russian River drought information page](#)
- [SaveOurWater.com](#)
- [SaveWater.ca.gov](#) to report water waste, such as leaks and overwatering.
- [Water Rights Enforcement Complaints Program](#) and/or [Cal EPA Complaint System](#) to report concerns of unauthorized diversions, violations of water rights, diversions impacting fisheries, etc. Reports can be made anonymously.
- Visit Sonoma Water's website for information on [current water supply levels](#) and [Temporary Urgency Change Petitions](#).

Elizabeth Salomone, General Manager

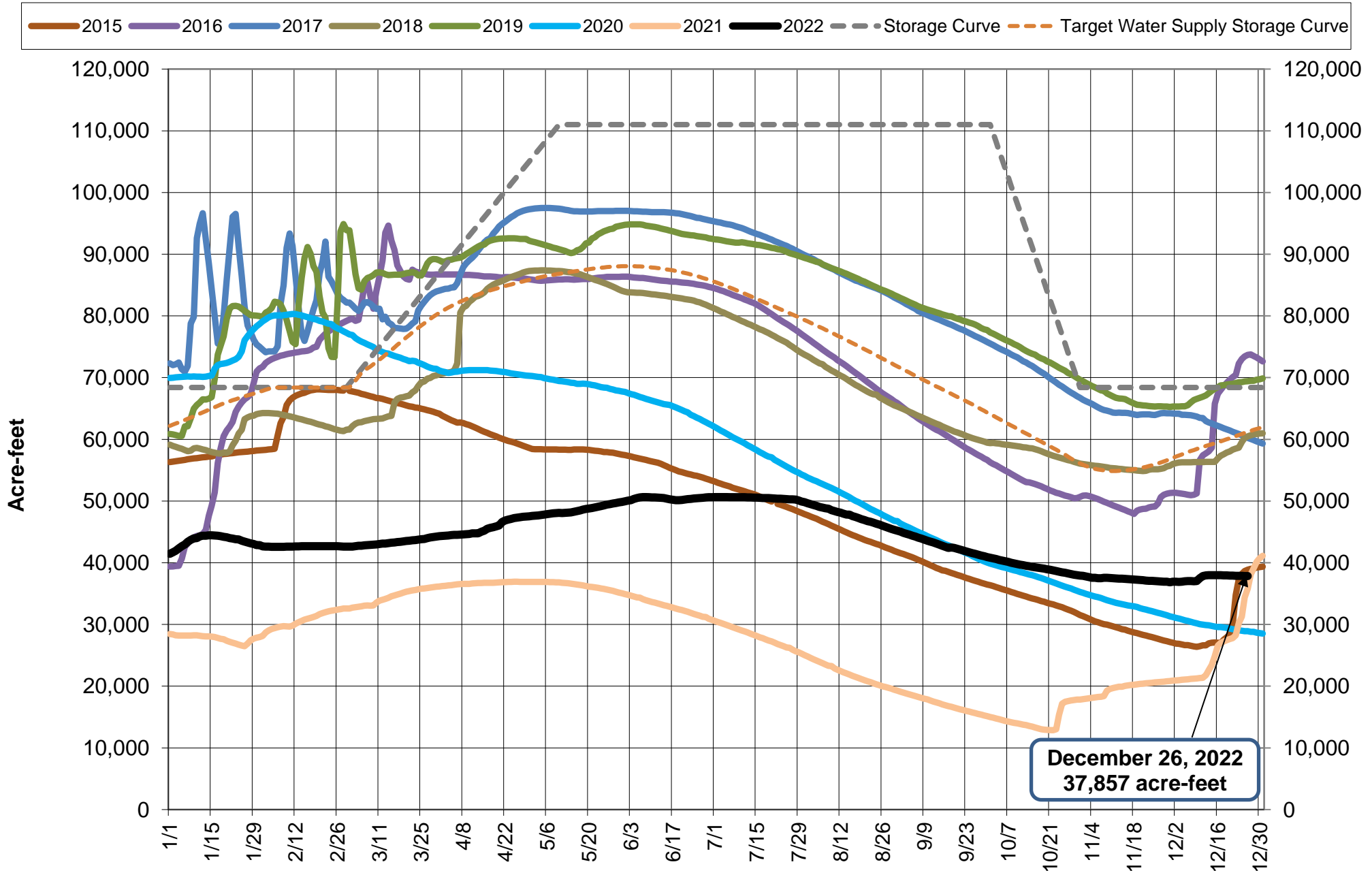
Russian River Flood Control & Water Conservation Improvement District

NEW ADDRESS: 304 N. State Street, #2, Ukiah, CA 95482

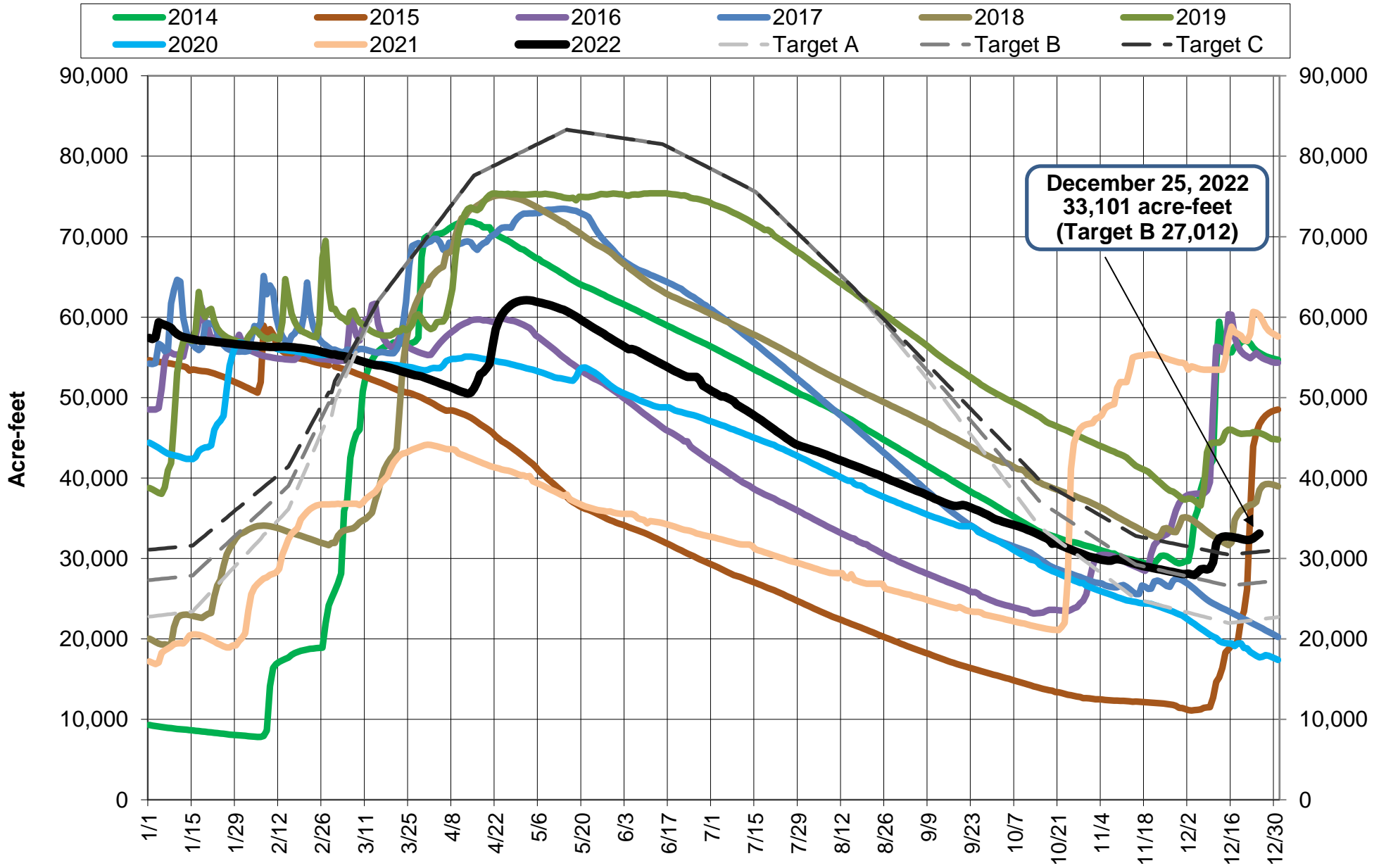
Cell: 707-462-5278 www.RRFC.net



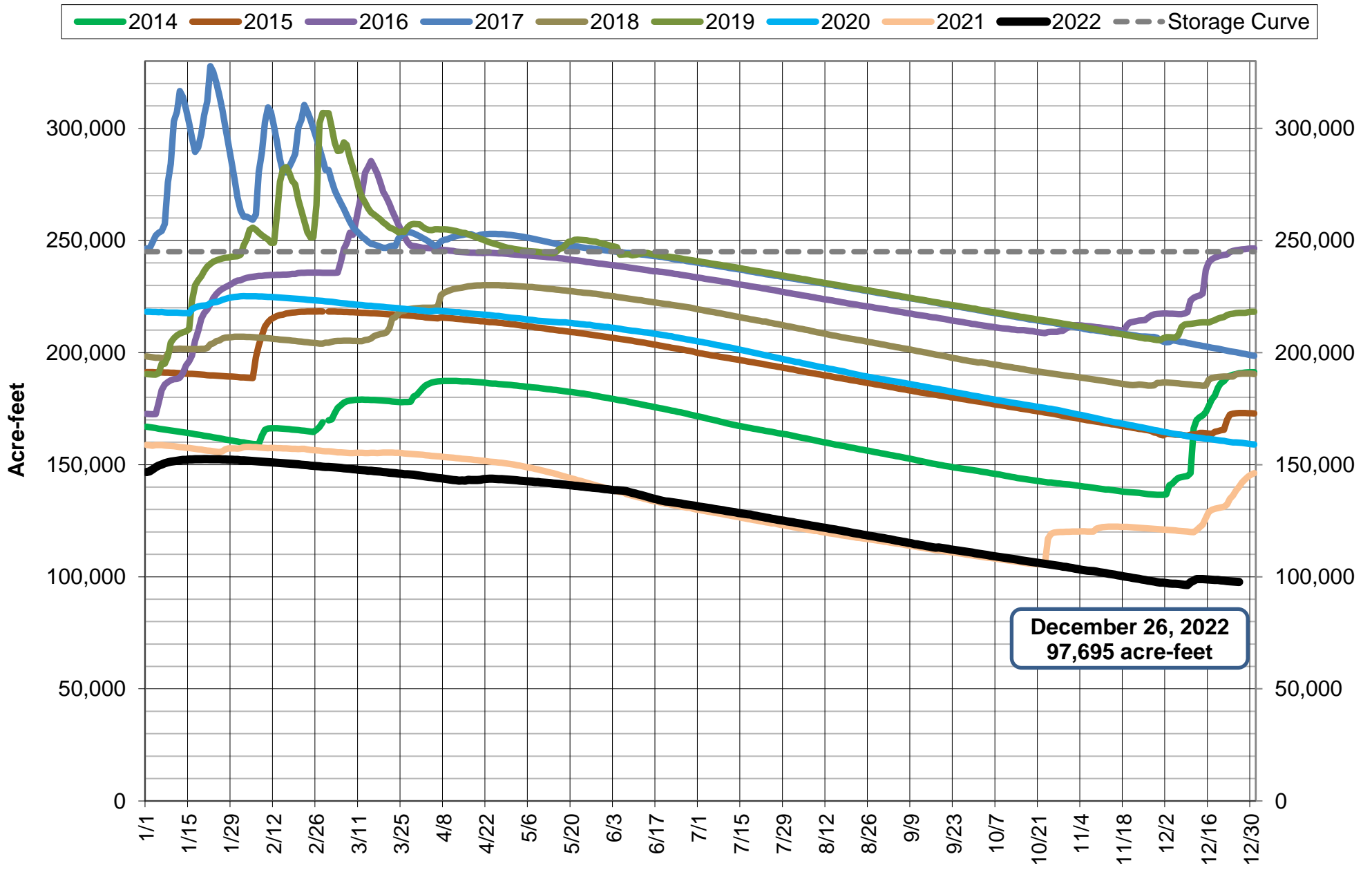
Lake Mendocino Storage



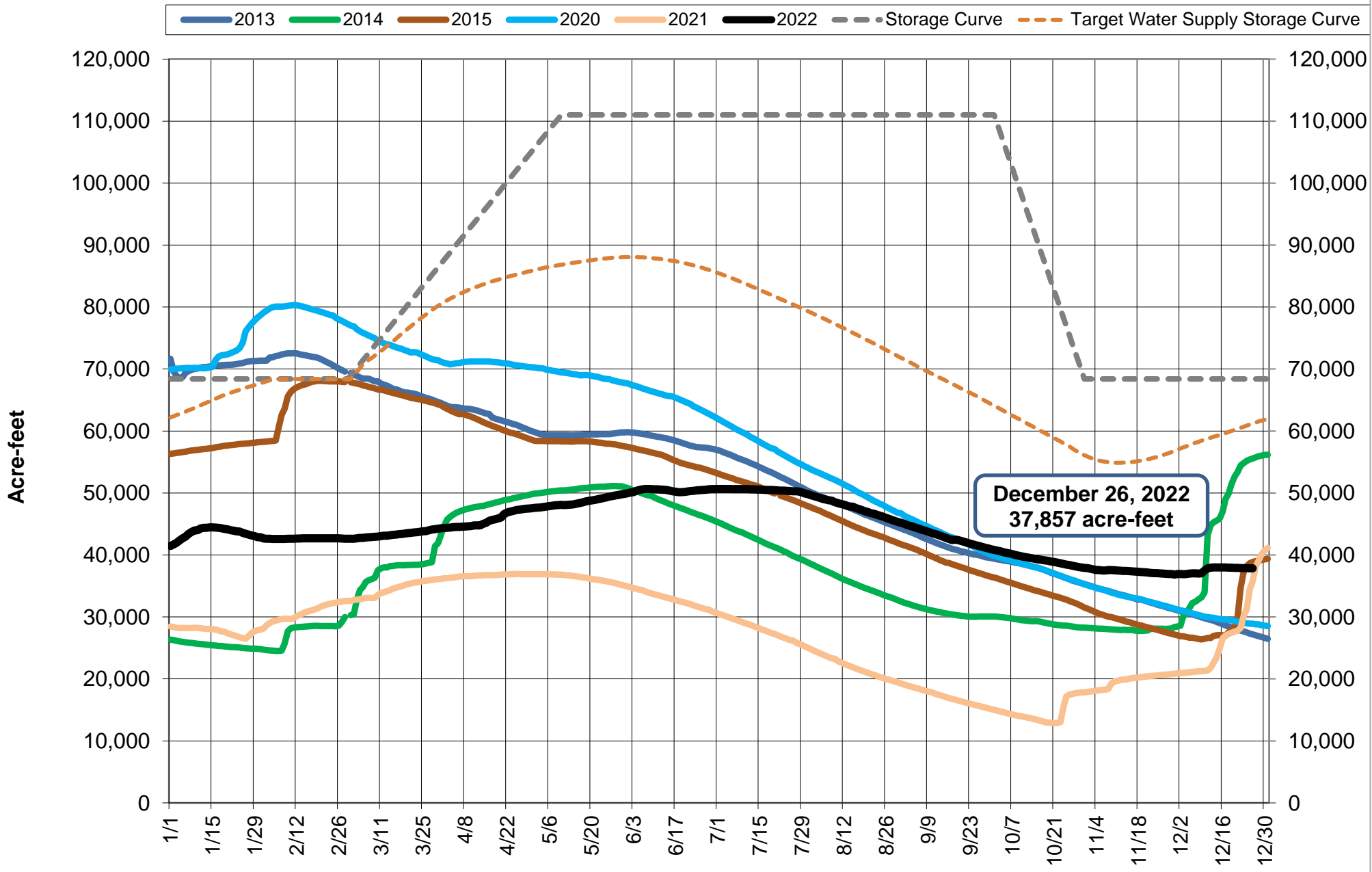
Lake Pillsbury Storage and Target Storage Scenarios

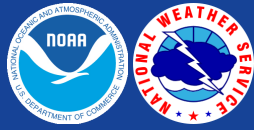


Lake Sonoma Storage



Lake Mendocino Storage - Drought Years





Wind and rain diminishing today, additional rain through the week

KEY POINTS

- High surf along area beaches Tuesday morning through Tuesday evening.
- Isolated thunderstorms possible near the coast late Tuesday morning through Tuesday evening.
- Snow above 3,000 feet in Eastern Trinity County

CHANGES FROM PREVIOUS BRIEFING

Added low elevation snow in eastern Trinity county Thursday

WEATHER RISK OUTLOOK

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

	Tue 12/27	Wed 12/28	Thu 12/29	Fri 12/30	Sat 12/31	Sun 1/1	Mon 1/2
Lake County Clearlake, Lakeport	Heavy AM Rain Strong Wind	Rain	Rain	Rain	Rain		Rain
Del Norte County Crescent City, Gasquet	Heavy AM Rain Storm Force Wind Lightning High Surf	Rain High Surf	Rain	Rain	Rain		Rain
Mendocino County Ukiah, Fort Bragg	Heavy AM Rain Strong Wind Lightning High Surf	Rain High Surf	Rain	Rain	Rain		Rain
Trinity County Weaverville, Hayfork	Heavy AM Rain Strong Wind Mountain Snow	Rain Mountain Snow	Rain Highway Pass Snow	Rain Mountain Snow	Rain Mountain Snow		Rain Mountain Snow
Humboldt County Eureka, Fortuna, Willow Creek	Heavy AM Rain Strong Wind Lightning High Surf	Rain High Surf	Rain	Rain	Rain		Rain

Risk Levels

Little to None

Minor

Moderate

Major

Extreme

DETAILS

Lake County, Del Norte County, Mendocino County, Trinity County, Humboldt County



Heavy Rain

Impacts:

- Light to moderate showers will continue through this evening.
- Rivers continue to rapidly rise with some very minor flooding possible.
- Increased risk for rock and mud slides.
- Flooding of low lying areas will gradually diminish today.

Timing:

- Through Tuesday morning.

Lake County, Del Norte County, Mendocino County, Trinity County, Humboldt County

**Impacts:**

- High risk of falling trees and limbs.
- Power outages possible.
- Loose objects will fly around.
- High profile vehicles will be difficult to control.

Timing:

- Through early Tuesday morning.

- Locally stronger winds with gusts 50 mph this morning in the stronger showers.
- Winds will diminish this afternoon.

Del Norte County, Mendocino County, Humboldt County

**Impacts:**

- Hazardous breaking waves impacting jetties, rock outcrops, and beaches.
- Increased risk of beachgoers being swept into the frigid turbulent ocean.
- Seas will be hazardous for mariners.

Timing:

- Tuesday morning through Tuesday evening.

Trinity County

**Impacts:**

- Mountain travel delays and chain controls possible.
- Hazardous travel conditions due to slick, snow covered roads

Timing:

Thursday

Confidence:

Low on the exact snow level and how long it will stay low.

- Snow levels are expected to be around 3,000 feet and impact the higher passes in eastern Trinity county.
- Snow levels may be as low as 1,500 feet.

FOR MORE INFORMATION

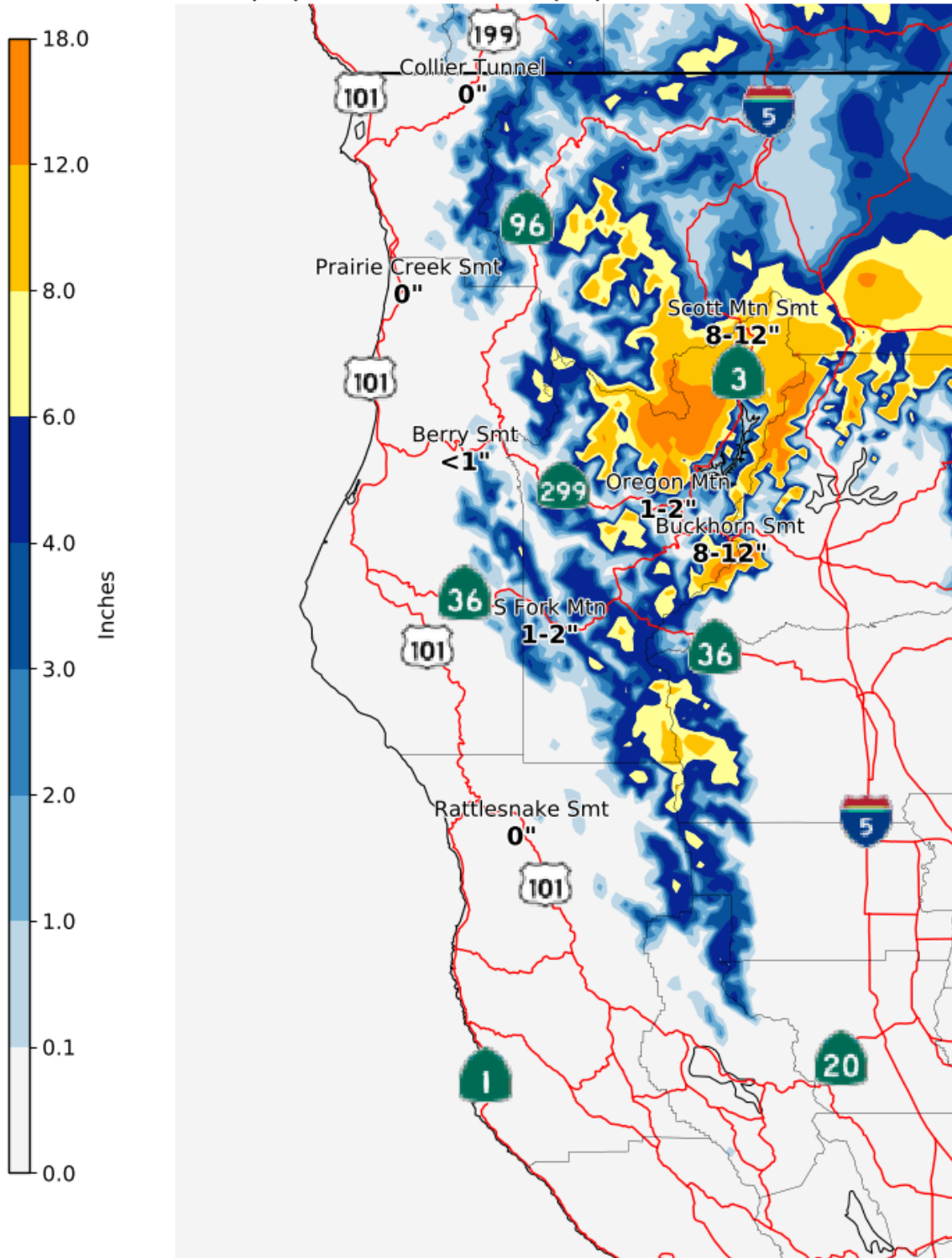
For the latest forecast updates, visit [weather.gov/eureka](https://www.weather.gov/eureka).

If you have questions or would like to submit weather reports, photos, or to unsubscribe from these briefings, email nws.eureka@noaa.gov or call (707) 443-6484.

GRAPHICS

Thursday Snow

Valid: 12/28/2022 10:00 PM - 12/29/2022 10:00 PM PST



National Weather Service
Eureka California

Follow Us:



12/27/2022 05:38 AM PST weather.gov/Eureka/mountainPa

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