

WATER SUPPLY CONDITIONS UPDATE 12/5/2022

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

Update issued by the State Water Board on 12/2/22:

Due to additional precipitation in the region, the Division of Water Rights has posted an updated Curtailment Status List on the [Russian River Drought Response webpage](#) that takes effect on December 3, 2022. This update is anticipated to be in effect through December 31, 2022.

Curtailments are lifted for all appropriative water rights in the watershed. Riparian claimants diverting under a Statement of Diversion and Use are not subject to correlative reductions. Right holders must continue to monitor the Curtailment Status List for the latest curtailment statuses. Division staff will continue to actively monitor forecasted precipitation within the watershed for the rest of December and will post a revised Curtailment Status List should supply conditions change.



Lake Mendocino, April 2020 by CJ Watt

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

Water supply information below and **attached** provided by Sonoma Water.

National Weather Service updates **attached**.

[Abacela - Weather and Climate Summary and Forecast, Dec 2022 report](#)

Lake Mendocino

12/5

Current Storage (acre-feet)	36,949
Target Water Supply Storage Curve (acre-feet)	57,742
% of Target Water Supply Storage Curve	63.99%
7-day change (acre-feet)	+13

Lake Pillsbury

12/4

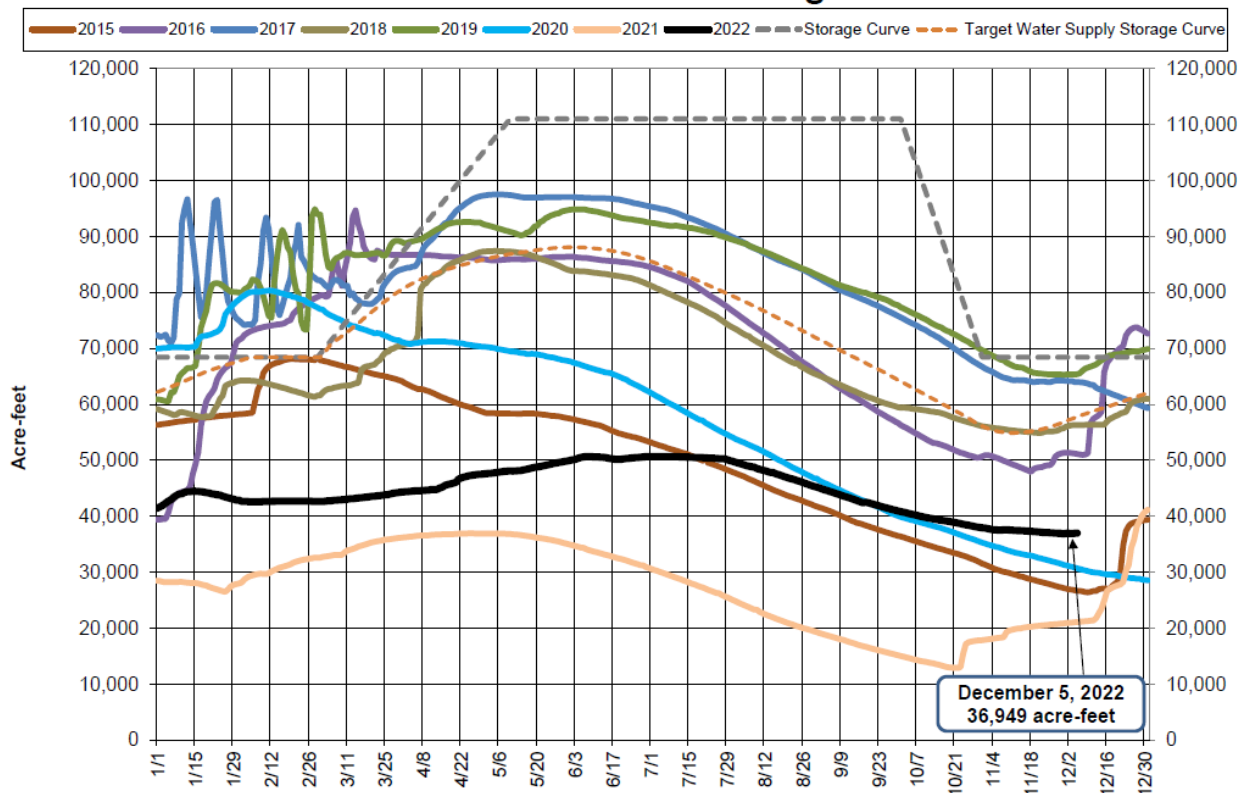
Current Storage (acre-feet)	27,932
Target Storage Curve (acre-feet)	27,567
7-day change (acre-feet)	-372

Lake Sonoma

12/5

Current Storage (acre-feet)	96,888
Target Storage Curve (acre-feet)	245,000
% of Water Supply Pool	39.55%
7-day change (acre-feet)	-963

Lake Mendocino Storage



Surplus & Shortage: CA's Water Balancing Act

Watch a recording of the November 18, 2022 Public Policy Institute of CA (PPIC) event [here on the PPIC website](#). About the Program: As climate change accelerates, it's bringing more extreme weather to California: the dry periods are hotter and drier than ever before—and the wet periods can be torrential. The only certainty is that water managers at every level will have to plan for and respond to extremes. How can we cope with the increasing volatility of our water cycle? PPIC brought together three panels of experts to find out. Read an article summarizing: [AgriPulse - PPIC report: 'No end to agriculture,' but major shifts ahead, 11/30/22](#)

Department of Water Resources Report on Urban Water Supply

[NEW REPORT SHOWS CONTINUED WATER CONSERVATION IS KEY, 11/28/22](#)

Broadly, the assessments show the importance of conservation by individual Californians to help suppliers meet demands through June 30, 2023. In this year's assessments, urban water suppliers indicate that they will rely on either continued conservation or more aggressive actions to meet demand through June 30, 2023, if dry conditions persist. They report that they can ensure adequate water supplies through water-saving strategies, such as requiring customers to limit outdoor water and providing leak detection and repair services.

New Executive Officer for North Coast Regional Water Board

A warm welcome to Valerie Quinto, the new executive officer appointed to oversee daily operations and serve as the principal advisor on water quality regulation and policy. “Having Ms. Quinto stepping into this role assures that the agency will continue to provide leadership and stewardship of the North Coast’s precious waters,” said Greg Giusti, the regional board’s chair. “Outgoing Executive Officer Matt St. John created a balanced approach to protecting water quality while building strong working relationships with groups and individuals throughout the region, and I see that continuing.”



“The agency has a great team and staff, and a board that has coalesced around a strong vision,” said Quinto, who was born and raised in Sonoma County. “My strongest personal conviction is that water quality is not negotiable, and I am eager to work with my new colleagues and the North Coast’s diverse, regulated community to build on the board’s accomplishments protecting the region’s waters.”

St. John says his decision to step away from the board’s top executive position and into the newly created role of climate specialist is inspired by the many climate-related challenges the North Coast is facing, from prolonged drought to the threat of sea level rise. This new position was created to help advance regulatory and non-regulatory actions with the board’s partners to help address these challenges.

CA Water Education Foundation Word of the Week:

“A river is more than the sum of its water, for the minerals, nutrients and sediments it carries originate on the land it drains. This is a river’s watershed. In California, the Sacramento River drains 27,000 square miles — the largest watershed in the state. Wildfires, logging, mining, and other disturbances can pollute these lands and eventually the river itself. This makes watershed protection a key part of managing water supplies. So with winter storms replenishing the watersheds so vital to California’s water supply, we’re making [Watershed](#) our Water Word of the Week. For more of the vibrant vocabulary of California water check out [Aquapedia](#), our free online water encyclopedia.”

Russian River Watershed:



1st map: Russian River Confluence. 2nd map: NorCalFishReports.com

In the press:

- [CA Water Plan eNews November 30, 2022](#)
- [Maven's Notebook, Nov 28-Dec 2, 2022](#)
- [Forbes - Why California's \\$46 Billion Wine Industry Is Better Prepared For Climate Change Than Some Of Its Competitors? Dec 2022](#)
- [Western Farm Press - \(Nut Tree\) Growers can take steps to manage limited water supplies, 12/1/22](#)

CLIMATE CHANGE:

[PPIC - New State and Federal Measures Aim to Manage Extreme Heat Risks, 11/30/22](#)

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

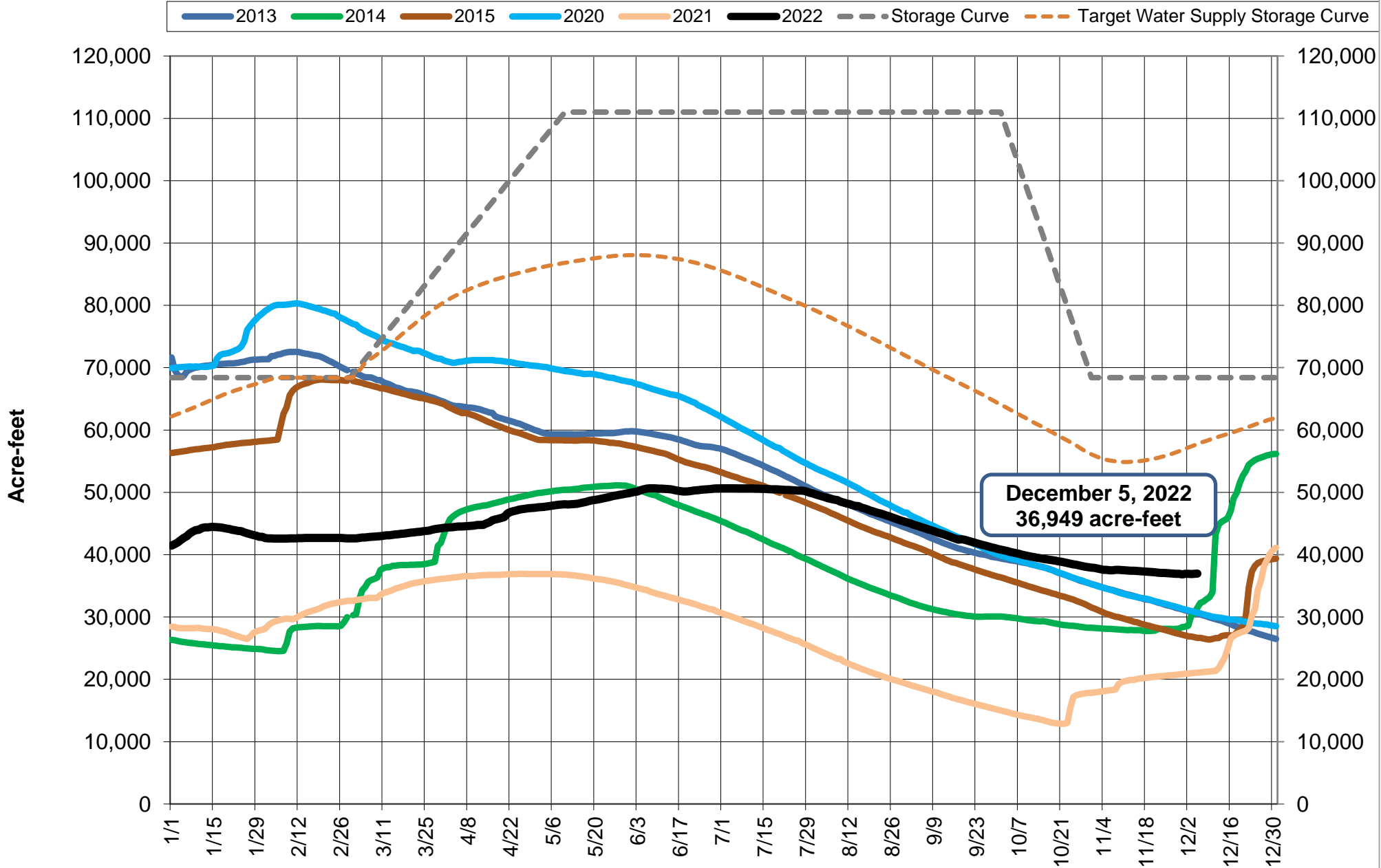
Russian River Flood Control & Water Conservation Improvement District

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

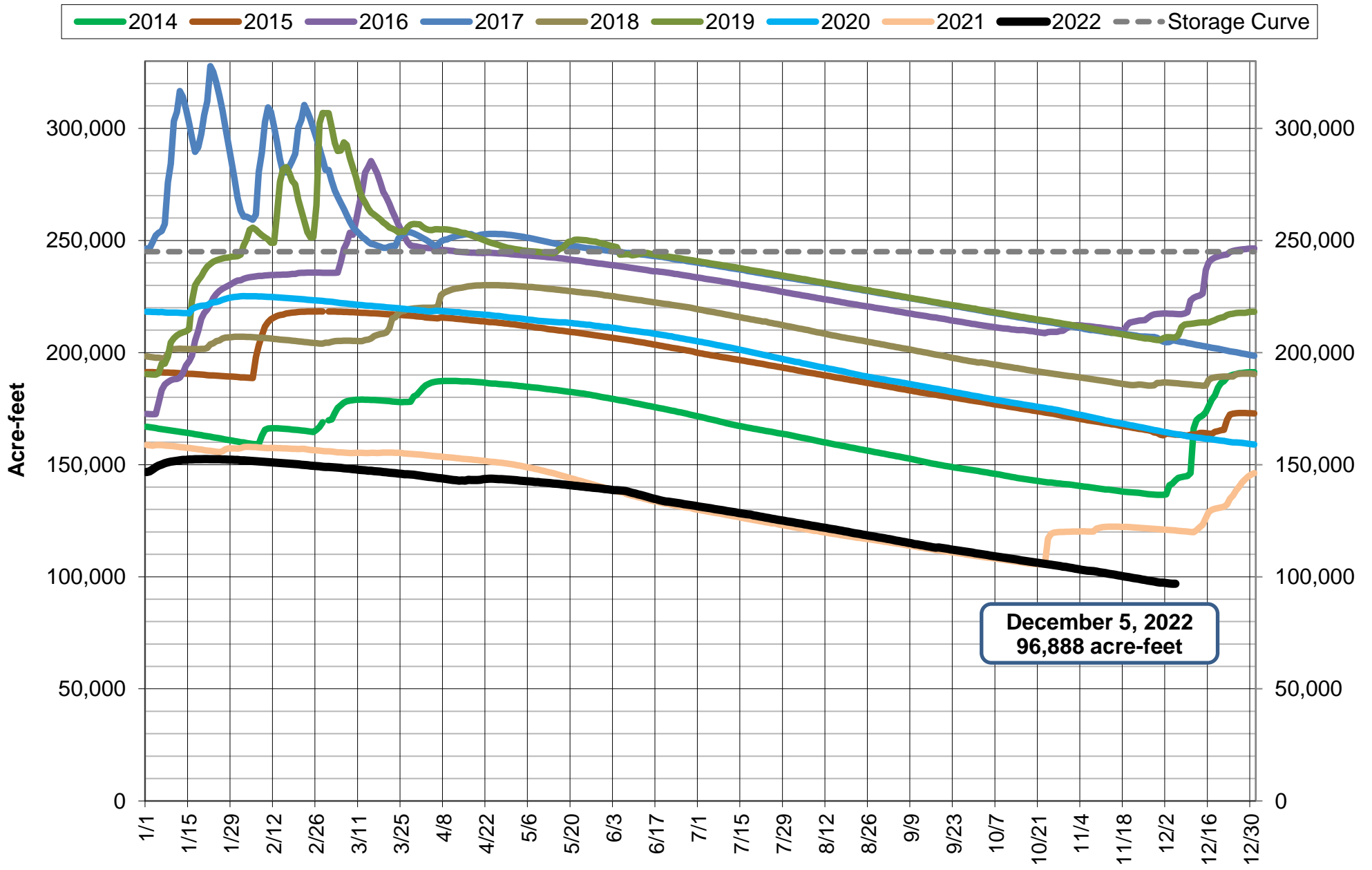
Cell: 707-462-5278 www.RRFC.net



Lake Mendocino Storage - Drought Years

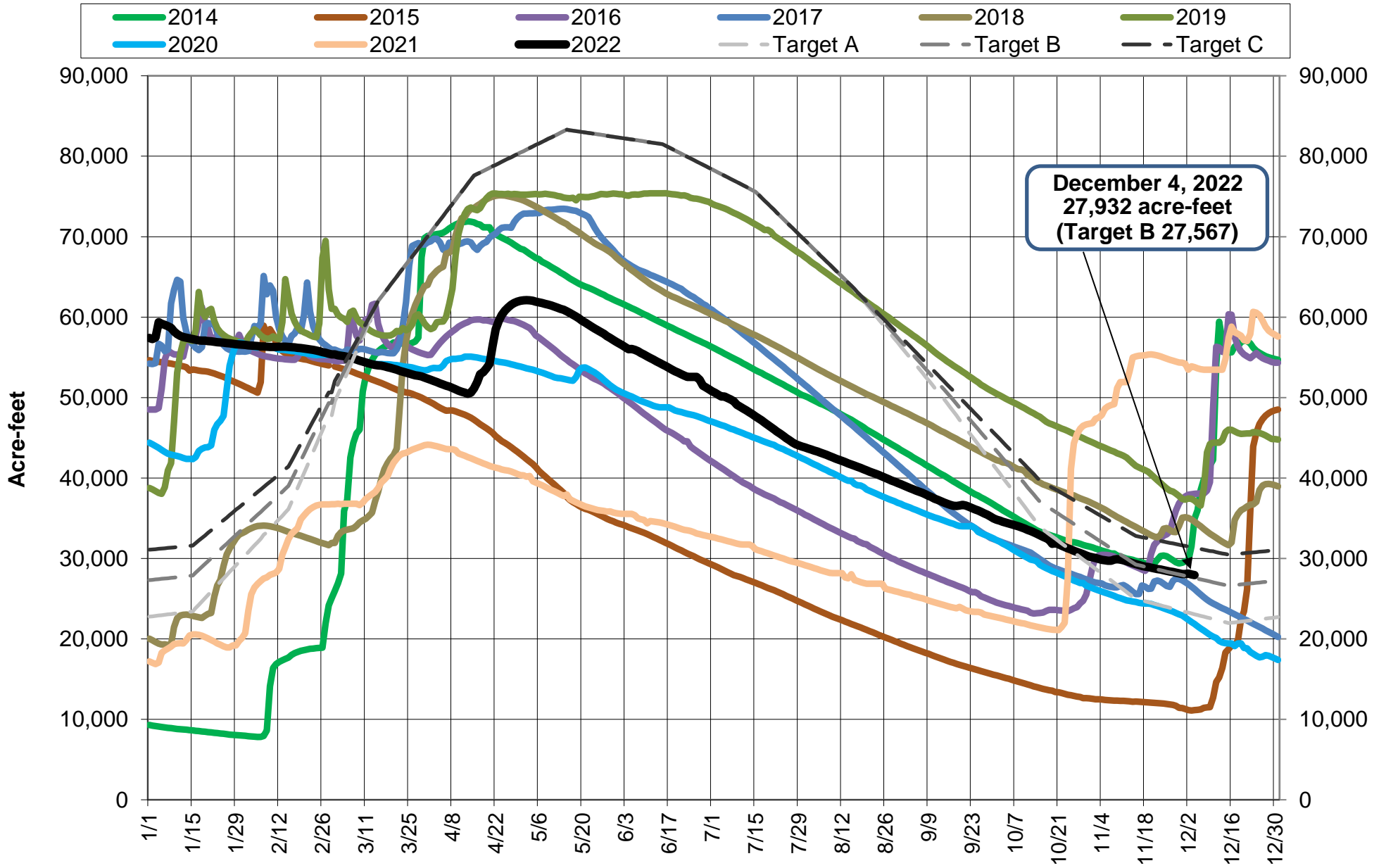


Lake Sonoma Storage

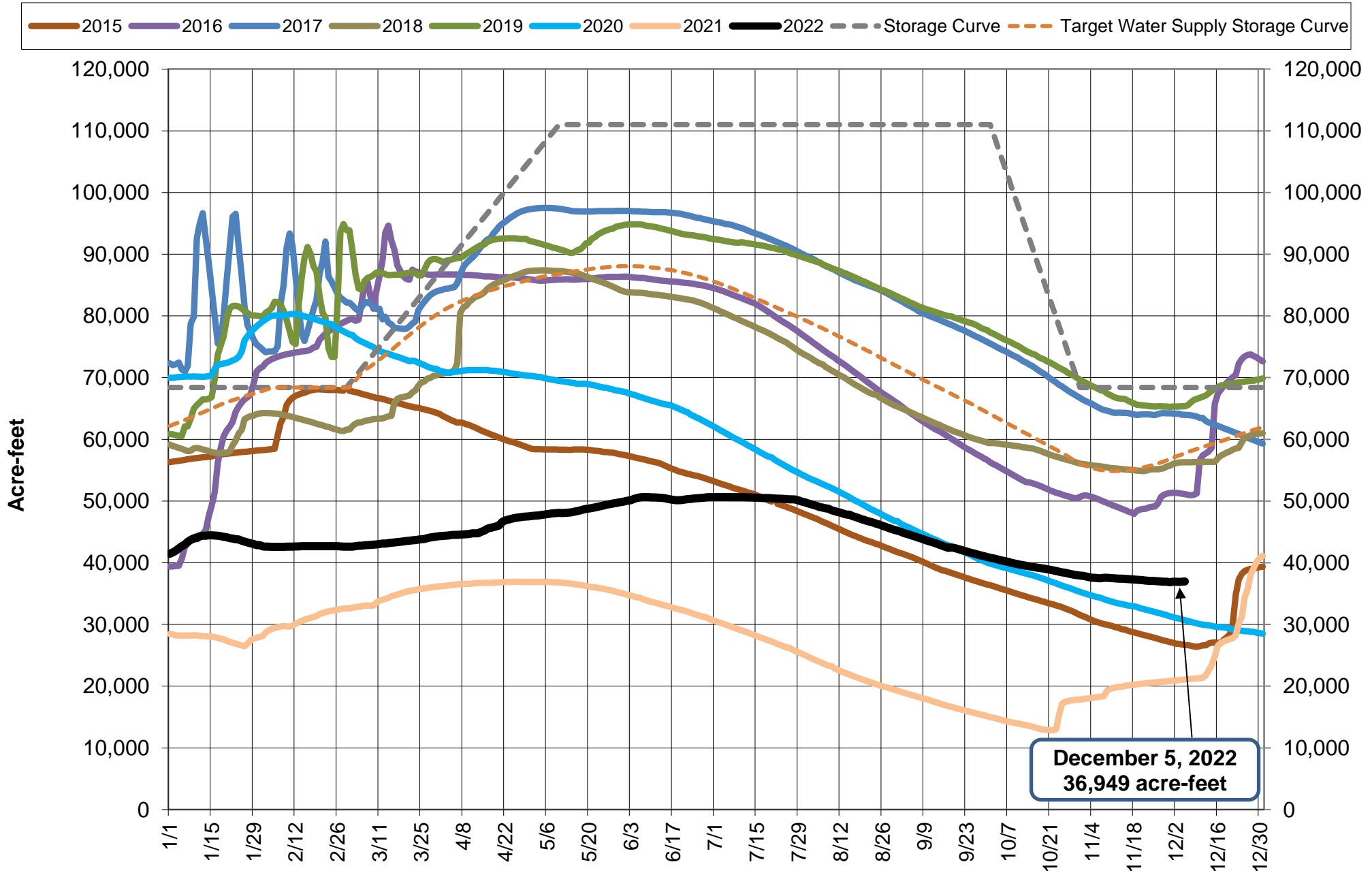


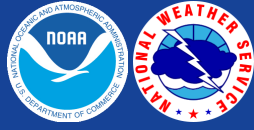
December 5, 2022
96,888 acre-feet

Lake Pillsbury Storage and Target Storage Scenarios



Lake Mendocino Storage





Another Round of Rain, Snow, and Wind this Weekend.

KEY POINTS

- Heavy mountain snow late week...mainly in Trinity County above 3000 ft.
- Periods of strong southeast winds gusting near 30 mph on Saturday.
- Coastal thunderstorms and small hail Sunday into Monday.

CHANGES FROM PREVIOUS BRIEFING

- Increased chances of thunderstorms for Monday, for Mendocino County
- Slightly increased snow levels outside of Trinity County, now above 4000 feet

WEATHER RISK OUTLOOK

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

	Fri 12/2	Sat 12/3	Sun 12/4	Mon 12/5	Tue 12/6	Wed 12/7	Thu 12/8
Lake County Clearlake, Lakeport	Cold	Snow Rain Strong Wind	Snow Rain	Snow Rain Cold	Cold	Cold	Cold
Del Norte County Crescent City, Gasquet	Cold	Snow Rain Strong Wind	Snow Rain Lightning Hail	Snow Rain Cold	Cold	Cold	Cold
Mendocino County Ukiah, Fort Bragg	Cold	Snow Rain Strong Wind	Snow Rain Lightning Hail	Snow Rain Lightning Hail	Cold	Cold	Cold
Trinity County Weaverville, Hayfork	Cold	Snow	Snow	Snow Cold	Cold	Cold	Cold
Humboldt County Eureka, Fortuna, Willow Creek	Cold	Snow Rain Strong Wind	Snow Rain Lightning Hail	Snow Rain Lightning Hail	Cold	Cold	Cold

Risk Levels

Little to None

Minor

Moderate

Major

Extreme

DETAILS

Trinity County



Snow

Impacts:

- Travel will be difficult to locally impossible across mountain roads and highway passes.

Timing:

- Saturday afternoon through Monday...greatest impacts will be in Trinity County above 3000 feet. Snow levels outside of Trinity County will be closer to 4000 feet.

Confidence:

- Moderate for snow level
- Above 3000 feet, accumulation of 4 to 10 inches over 48 hours.
- Generally steady snowfall rates below 2 inches every 6 hours.

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



Strong Wind

Impacts:

- Power disruptions possible.
- Increased risk of falling limbs/trees.
- Loose objects may be blown around.
- High profile vehicles may be difficult to control.

Timing:

- Saturday afternoon.

Confidence:

- High

- Southeasterly winds gusting to 25 to 35 mph.
- Strongest winds across the ridges and headlands of Humboldt and Del Norte Counties.
- Isolated gusts above 40 mph on coastal ridges.

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



Cold

Impacts:

- People without adequate shelter/warmth will be at risk due to cold temperatures.
- Outdoor plants, pets, and pipes will be threatened by the cold.

Timing:

- Tuesday morning.
- Wednesday morning.
- Thursday morning.

- Temperatures near or below freezing expected across much of Northwest California

Del Norte County, Mendocino County, Humboldt County



Hail

Impacts:

- Driving conditions will be hazardous across areas of accumulating small hail.

Timing:

- Sunday afternoon through Monday

Confidence:

- Moderate

- Isolated thunderstorms with small hail showers.
- Highest chances of thunder and hail along the Mendocino Coast.

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

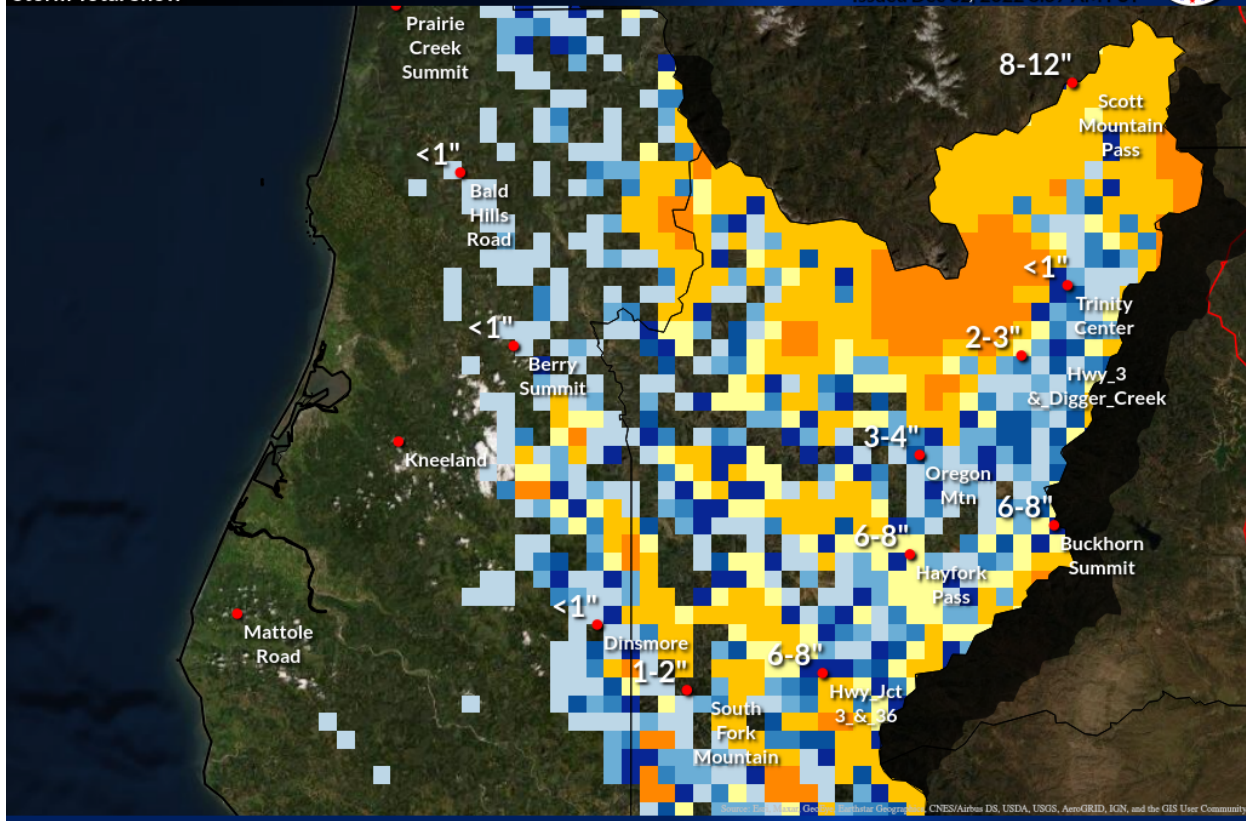
Trinity and Humboldt Snow

Weather Forecast Office
Eureka, CA



Storm Total Snow

Issued Dec 02, 2022 8:57 AM PST



NWSEureka

weather.gov/eka

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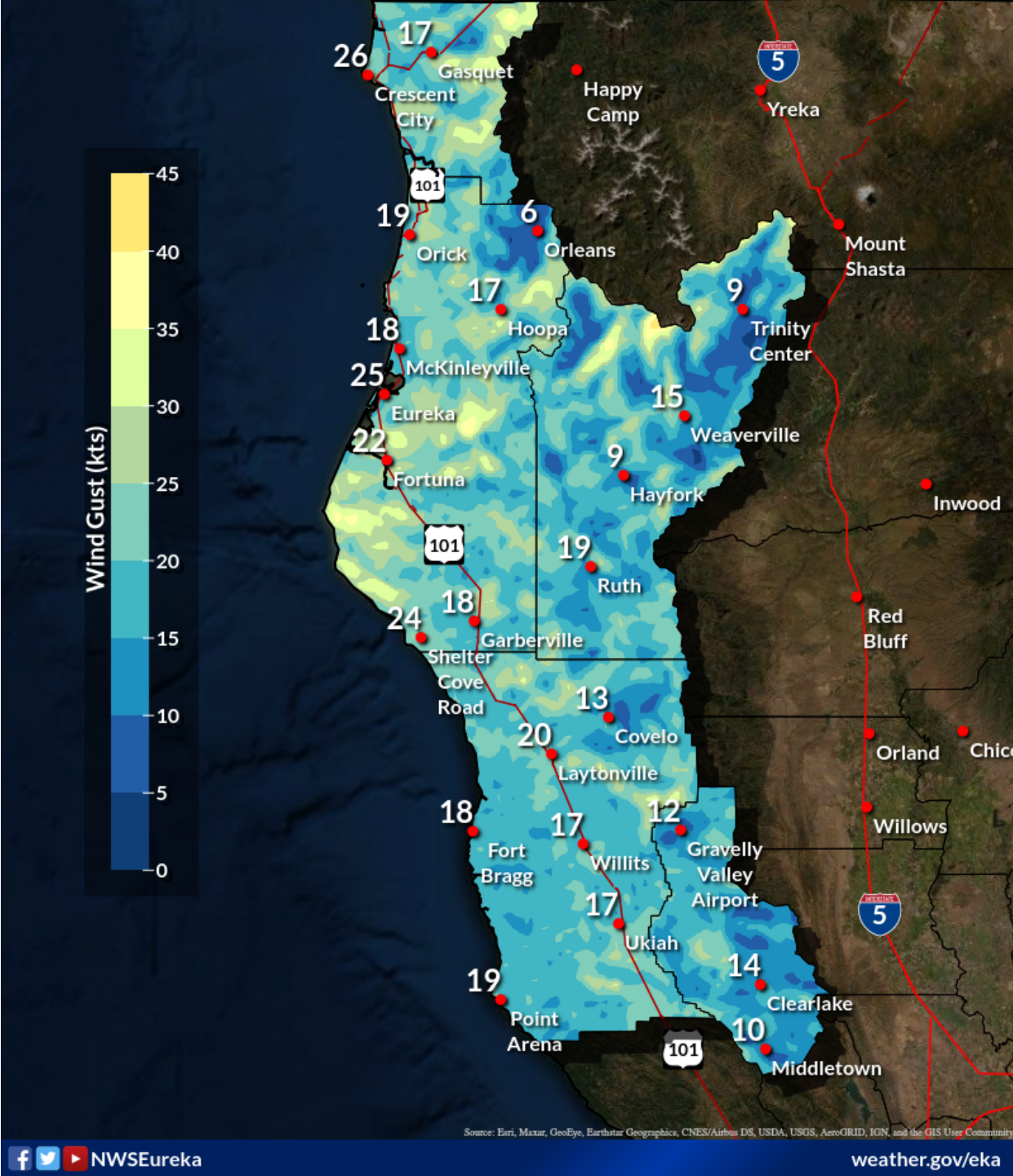
Gusty Weekend Winds

Weather Forecast Office
Eureka, CA



Peak Wind Gusts

Issued Dec 02, 2022 9:28 AM PST



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

NWSEureka

weather.gov/eka

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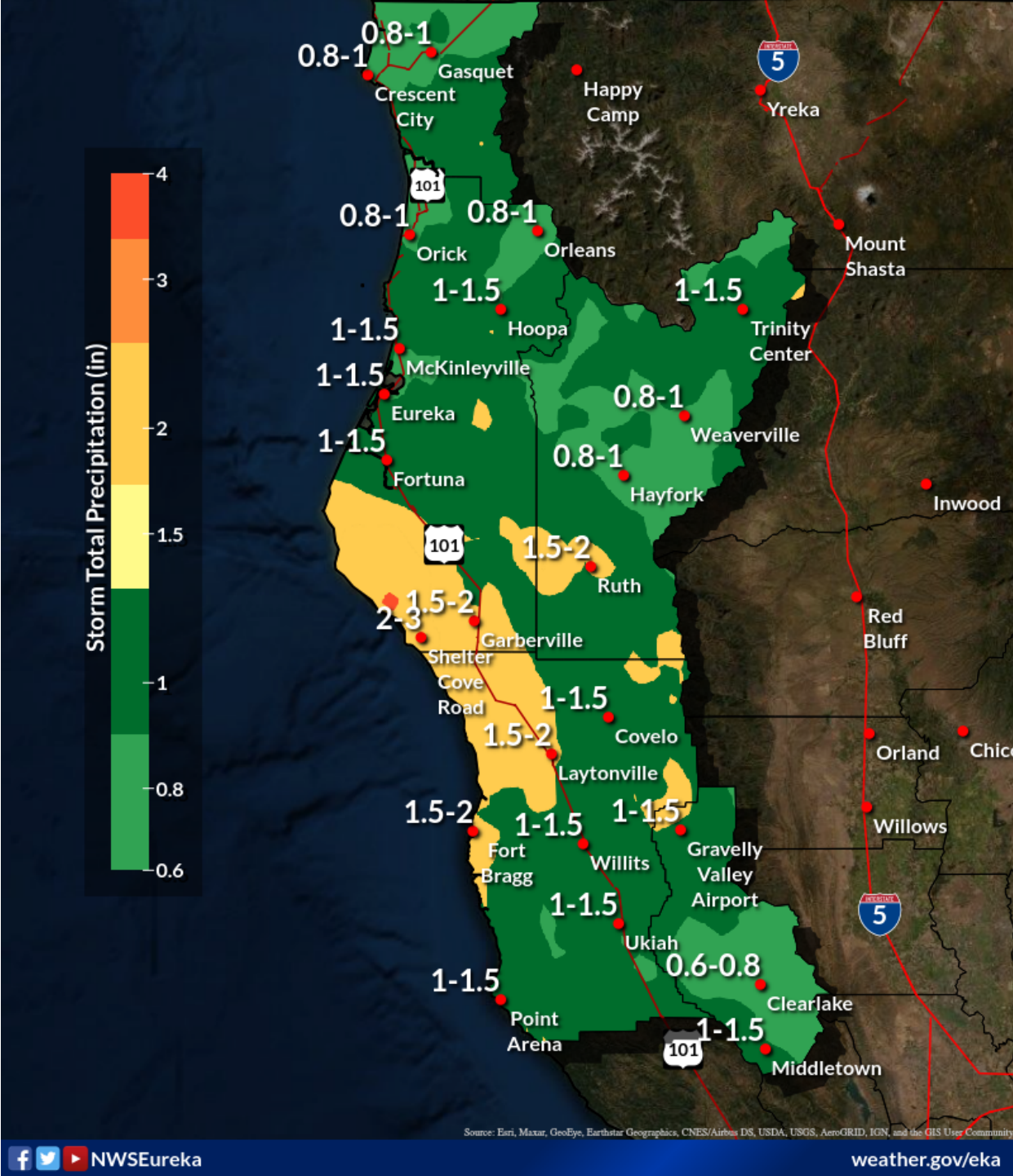
Weekend Rainfall

Weather Forecast Office
Eureka, CA



Storm Total QPF

Issued Dec 02, 2022 9:11 AM PST



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

NWSEureka

weather.gov/eka

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