

WATER SUPPLY CONDITIONS UPDATE 10/31/2022

Water Supply Availability in the Russian River Watershed in 2022

Issued by the State Water Resources Control Board today:

The Division of Water Rights has posted an updated Curtailment Status List on the [Russian River Drought Response webpage](#) that takes effect on November 1, 2022. Based on current conditions and available forecasts, there are water right curtailments in place and certain right holders must cease or reduce their diversions as directed by the list. Right holders must continue to monitor the Curtailment Status List for the latest curtailment statuses.

With this update, there is an increase in the number of affected water rights and claims. 730 appropriate water rights are curtailed, including 725 from the mainstem and tributaries in the upper portion of the Russian River Watershed. The additional scope of curtailments with this update is driven by seasonal increases in water diversion demands and reduced water deliveries from the Potter Valley Project. Additionally, appropriators in the tributaries have a lower priority than riparian demands, including those riparian diversions along the mainstem of the Russian River.

Division staff is actively monitoring light precipitation forecasted for early November within the watershed. Forecasted rainfall does not appear that it will impact the scope of curtailments. The Division will post a revised Curtailment Status List should supply conditions change with additional precipitation beyond current forecasts.

If you received this notice in a forwarded message or are not otherwise subscribed to the Russian River Drought email list and would like to receive future emails related to this and similar efforts, please subscribe to the State Water Board's "Russian River Drought" email subscription list under "Water Rights" at:

https://www.waterboards.ca.gov/resources/email_subscriptions/swrcb_subscribe.html

If you have any questions, please contact the Division of Water Rights at RussianRiverDrought@waterboards.ca.gov or (916) 341-5318.

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

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

Lake Mendocino

10/31

Current Storage (acre-feet)	37,963
Target Water Supply Storage Curve (acre-feet)	56,097
% of Target Water Supply Storage Curve	67.67%
7-day change (acre-feet)	-573

Lake Pillsbury

10/29

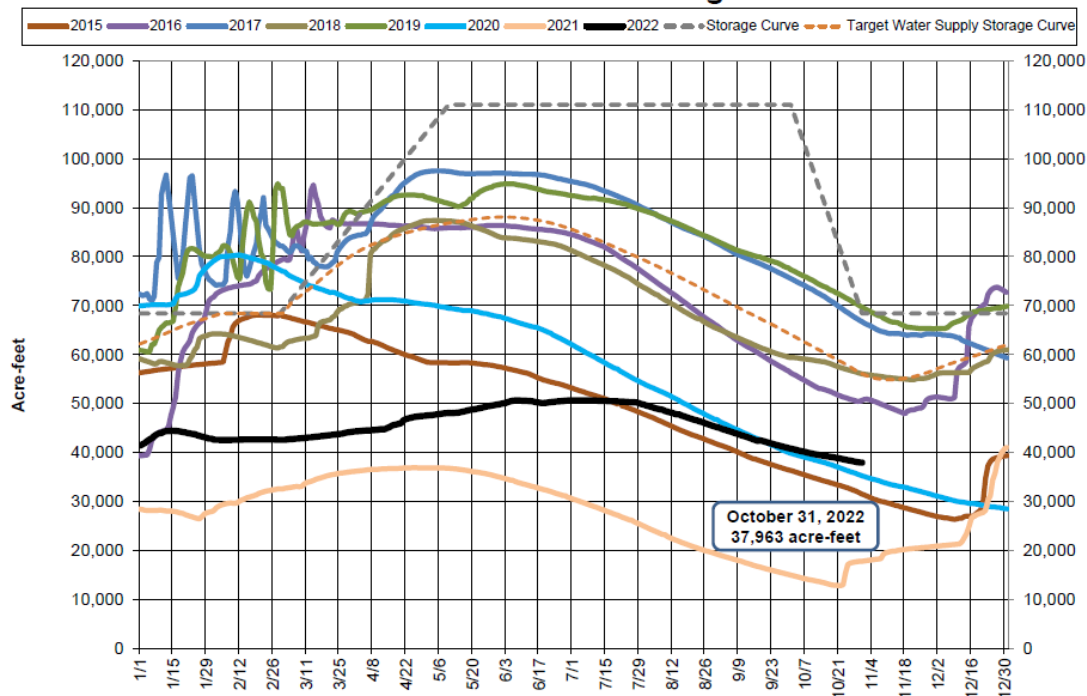
Current Storage (acre-feet)	30,515
Target Storage Curve (acre-feet)	33,524
7-day change (acre-feet)	-1,076

Lake Sonoma

10/31

Current Storage (acre-feet)	104,302
Target Storage Curve (acre-feet)	245,000
% of Water Supply Pool	42.57%
7-day change (acre-feet)	-1,252

Lake Mendocino Storage



Elevate & Educate

Happy Halloween! For photo credits and many more epic costumes: [Paddling Magazine - Halloween For Paddlers: 39 Photos That Prove You've Been Doing It All Wrong](#)





California encourages residents to prepare for flooding

With climate-driven weather extremes affecting the state, the California Department of Water Resources is highlighting the importance of preparing for flooding — even during a historic drought.

[Stormwater - DWR is encouraging residents to prepare for flood season, 10/26/22](#)

Watch the [DWR Drought to Flood Symposium on YouTube](#).

In the press:

- [CA Water eNews 10/26/22](#)
- [Maven's Notebook, October 23-28, 2022](#)
- [Grist - Cities want more trees. Drought is complicating their efforts., 10/18/22](#)
- [Maven's Notebook- A look at improving runoff forecasting in planning for another dry year, 10/20/22](#)
- [AccuWeather - Wintry conditions to sweep through western US in coming days, 10/29/22](#)

CLIMATE CHANGE:

- **Water Education Foundation Water Word(s) of the Week: [Climate Change](#)**
- [Water Education Foundation - CA Forecast and Climate Change, various articles, 10/26/22](#)
- [UC Davis - The Lightness of Water Vapor Adds Heft to Global Climate Models, 10/24/22](#)
- [Water Education Foundation - Droughts, Climate change, heat waves and more, various articles, 10/27/22](#)
- [Governor's Office - California Awards \\$96 Million for Climate Projects in 10 Frontline Communities, 10/27/22](#)

Other resources & information:

- [Mendocino County's 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](#).
- [CLICK HERE](#) for the most recent **Mendocino County Water Agency newsletter** with information on drought response, Groundwater Sustainability, webinars, and more!

Volunteer Information Day

Outdoor education projects in Mendocino need your help!

FREE

Online registration required:
<https://bit.ly/volunteerhrec>

Hopland

Wednesday, October 26,
2022 10 AM - 1 PM

Lunch provided



Join the UC Hopland Research and Extension Center, 4-H youth development program and Redwood Valley Outdoor Education Project to learn about volunteer opportunities sharing nature, agriculture and environmental education.



UNIVERSITY OF CALIFORNIA
Agriculture and Natural Resources
4-H Youth Development Program



UNIVERSITY OF CALIFORNIA
Agriculture and Natural Resources
Research and Extension Center System



The University of California Division of Agriculture & Natural Resources (UC ANR) is an equal opportunity provider.



October, 11, 2022

Contact: Hannah Bird, hbird@ucanr.edu, (707) 744-1424, Ext. 105

Volunteers needed to support youth environmental education

Local youth organizations in Ukiah, Hopland and Redwood Valley are teaming up on Wednesday, Oct. 26, to offer opportunities for interested community members to participate. Volunteers are needed to help guide youths on field trips and nature walks for environmental education.

The UC Hopland Research and Extension Center (HREC), Redwood Valley Outdoor Education Project (RVOEP) and UC 4-H Youth Development Program will share details of their volunteer opportunities, the requirements to participate and dates on which volunteers are needed over the academic year.

“Volunteering with youth is a great way to support our young people and their futures, but also takes time, patience and commitment,” said Hannah Bird, HREC community educator. “We hope this event will allow interested volunteers to understand just what is required to support our environmental education programs, the kinds of skills, time commitment and the registration process - which includes fingerprinting and background checks for youth safety.”

During the height of the COVID-19 pandemic, school field trips were canceled, leading to a natural decline in volunteerism in these areas. RVOEP and HREC are now welcoming students back to their sites, with more than 3,000 students visiting for field trips annually.

Volunteers support site staff in delivery of environmental education programs, guiding groups on nature walks and through programs such as being a nature detective, identifying the most diverse bird habitat, learning fire science and experiencing lambing time.

“Despite having well-developed and refined outdoor programs, we still rely heavily on volunteers. If we lack volunteers, the quality of our environmental education programs is diminished,” commented Erich Sommer, RVOEP outdoor education specialist.

Many of the volunteer opportunities with HREC and RVOEP are during the day in the work week, but the UC 4-H Youth Development Program also has opportunities for adult support on weekends and evenings. The organizations involved hope that by collaborating for this

recruitment event, prospective volunteers will find the perfect volunteer opportunity that fits their interests and schedules.

Participants are requested to register online for the event at <https://bit.ly/volunteerhrec>.

The volunteer event will take place from 10 a.m. to 1 p.m. on Wednesday, Oct. 26, at Shippey Hall, Hopland Research and Extension Center, 4070 University Road, Hopland. A simple free lunch will be provided.

For further information, email hbird@ucanr.edu or call Hannah at (707) 744 1424, ext. 105.

About the University of California Hopland Research and Extension Center:

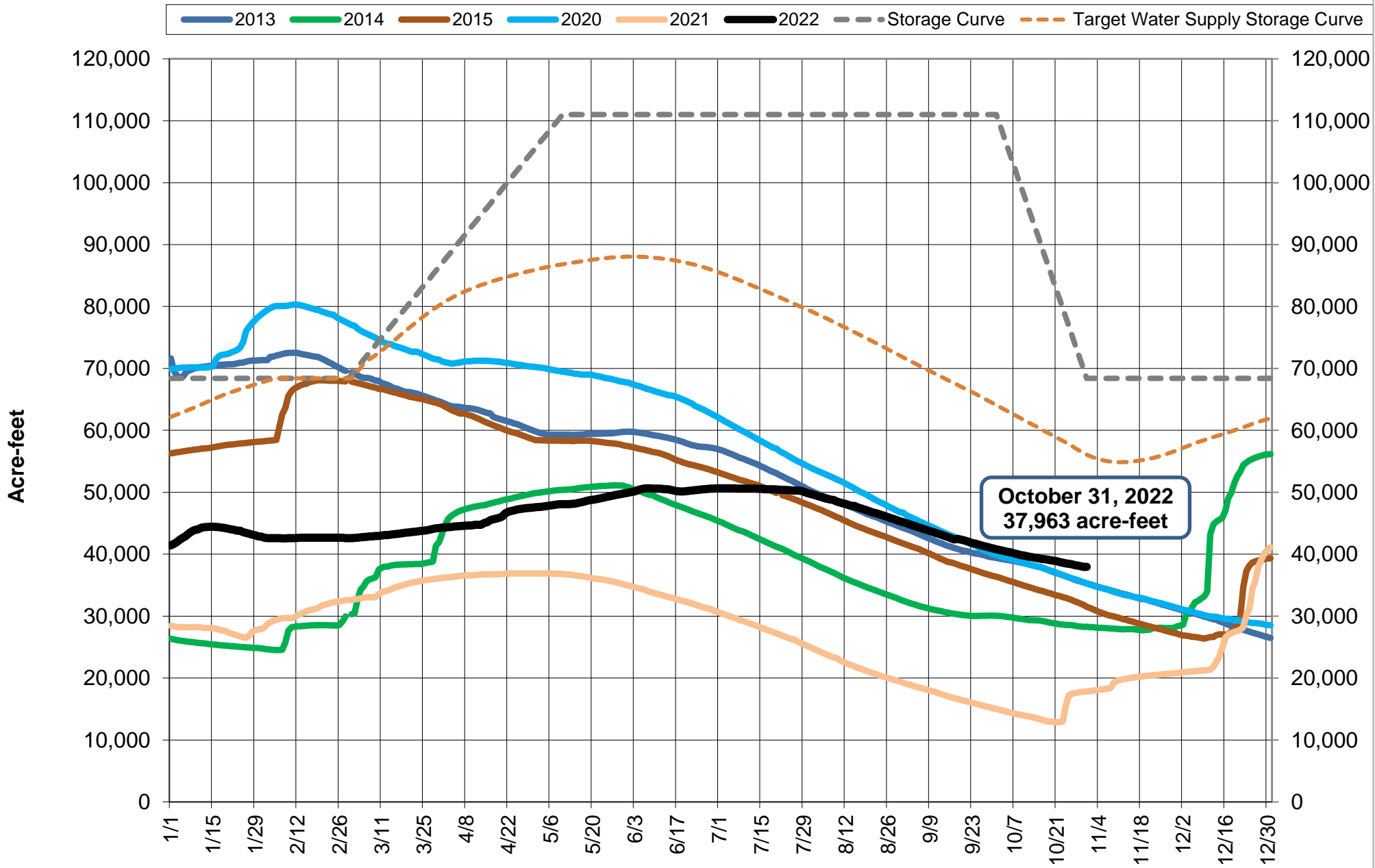
The Hopland Research and Extension Center is a multidisciplinary research and education facility run by the [University of California Agriculture and Natural Resources](#). As a steward of more than 5,300 acres of oak woodland, grassland, chaparral and riparian environments, the center aims to maintain and enhance ecosystem integrity through applied research, adaptive management and educational activities, while also supporting working landscapes, with diverse agricultural products and recognized ecosystem services derived from these landscapes.

About University of California Cooperative Extension:

UC Cooperative Extension is a network of UC researchers and educators who work together to develop and provide science-based information to solve locally relevant economic, agricultural, natural resource, youth development and nutrition issues.

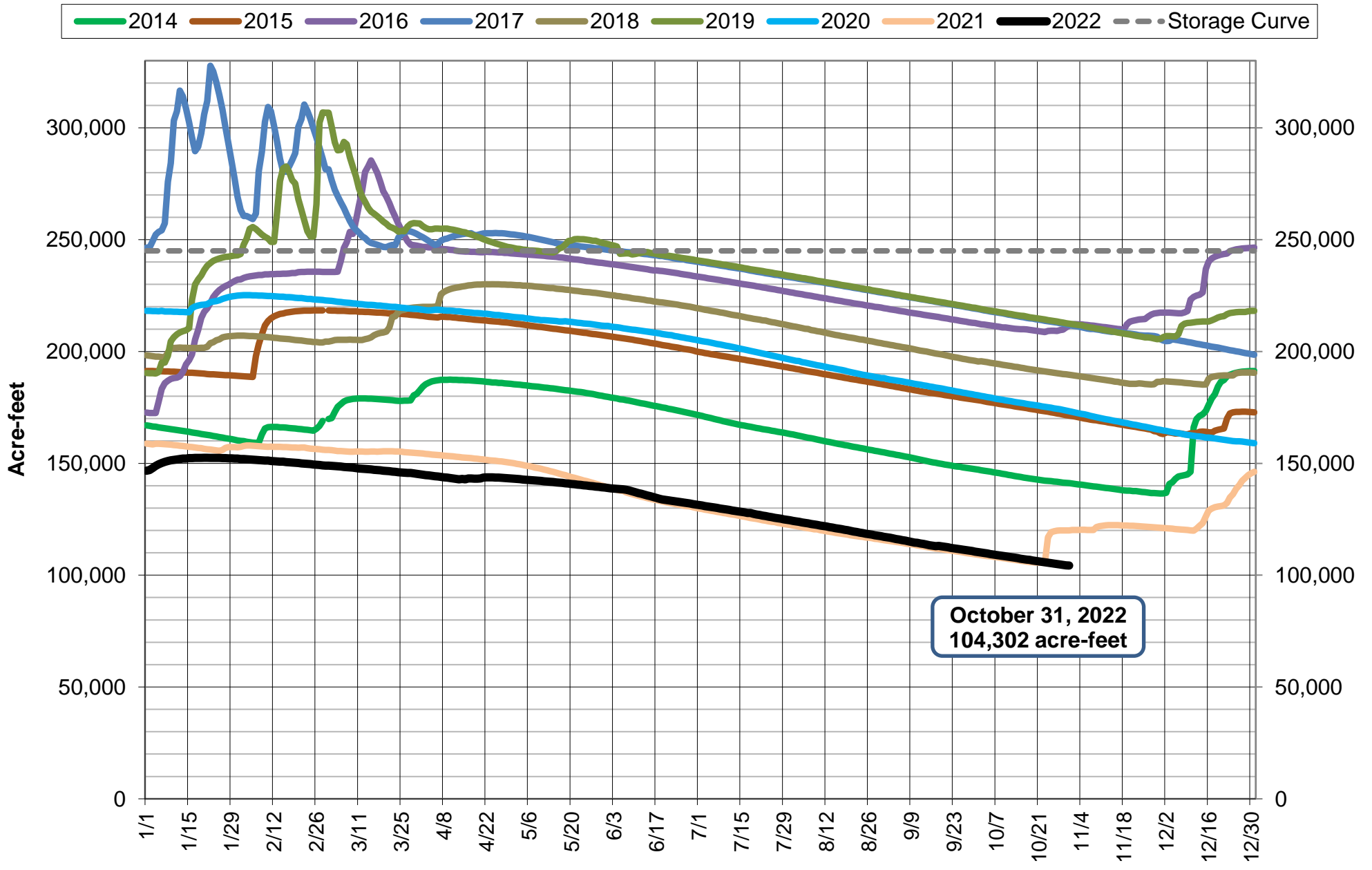
UCCE advisors live and work in every California county, applying research from the University of California to help local businesses and entire communities thrive. In turn, our experts partner with local innovators to develop and disseminate best practices through UC's expansive local and global networks. Some of our programs include 4-H Youth Development, UC Master Gardeners, California Naturalist, Expanded Food and Nutrition Education, and the Statewide Integrated Pest Management Program.

Lake Mendocino Storage - Drought Years



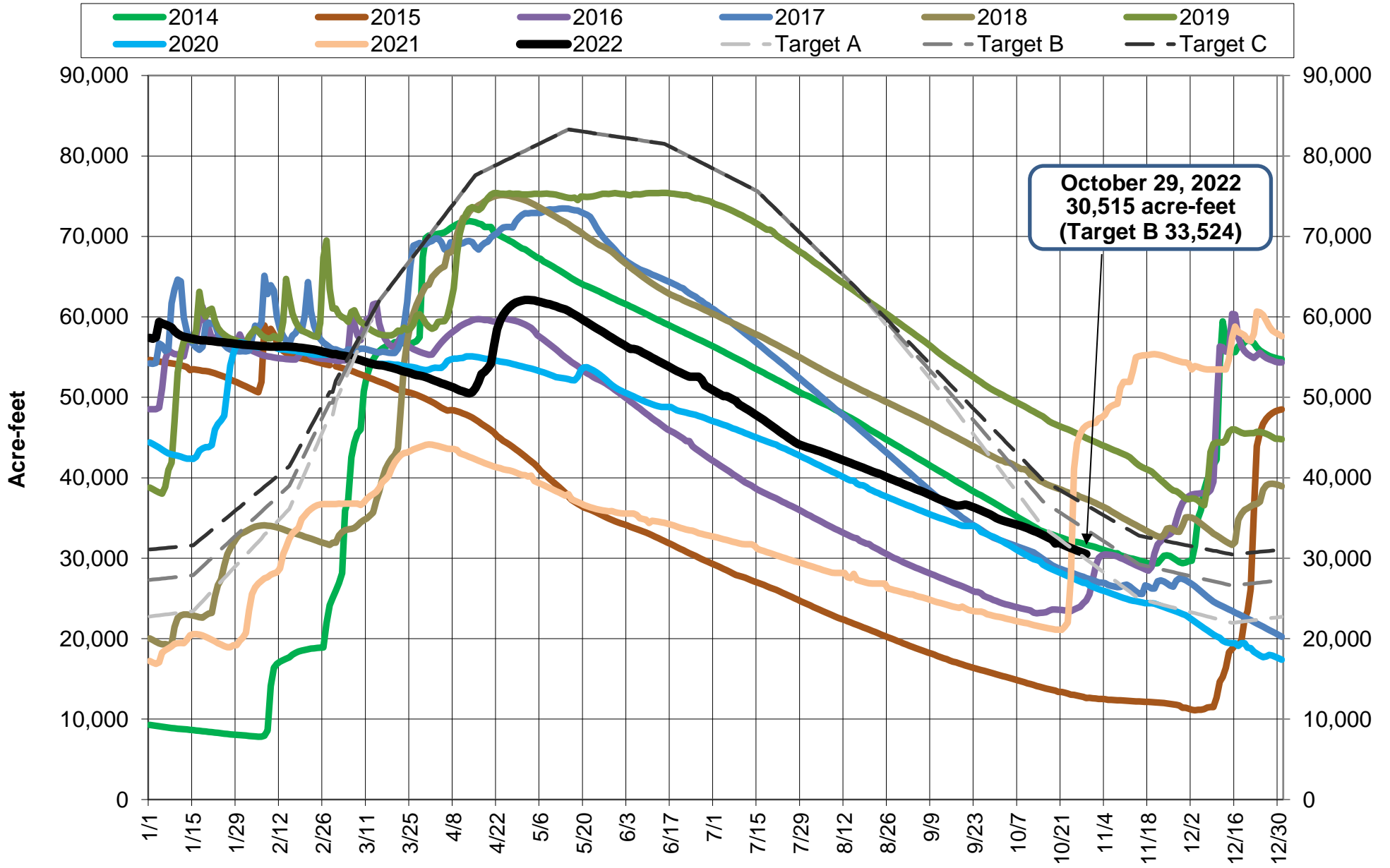
October 31, 2022
37,963 acre-feet

Lake Sonoma Storage

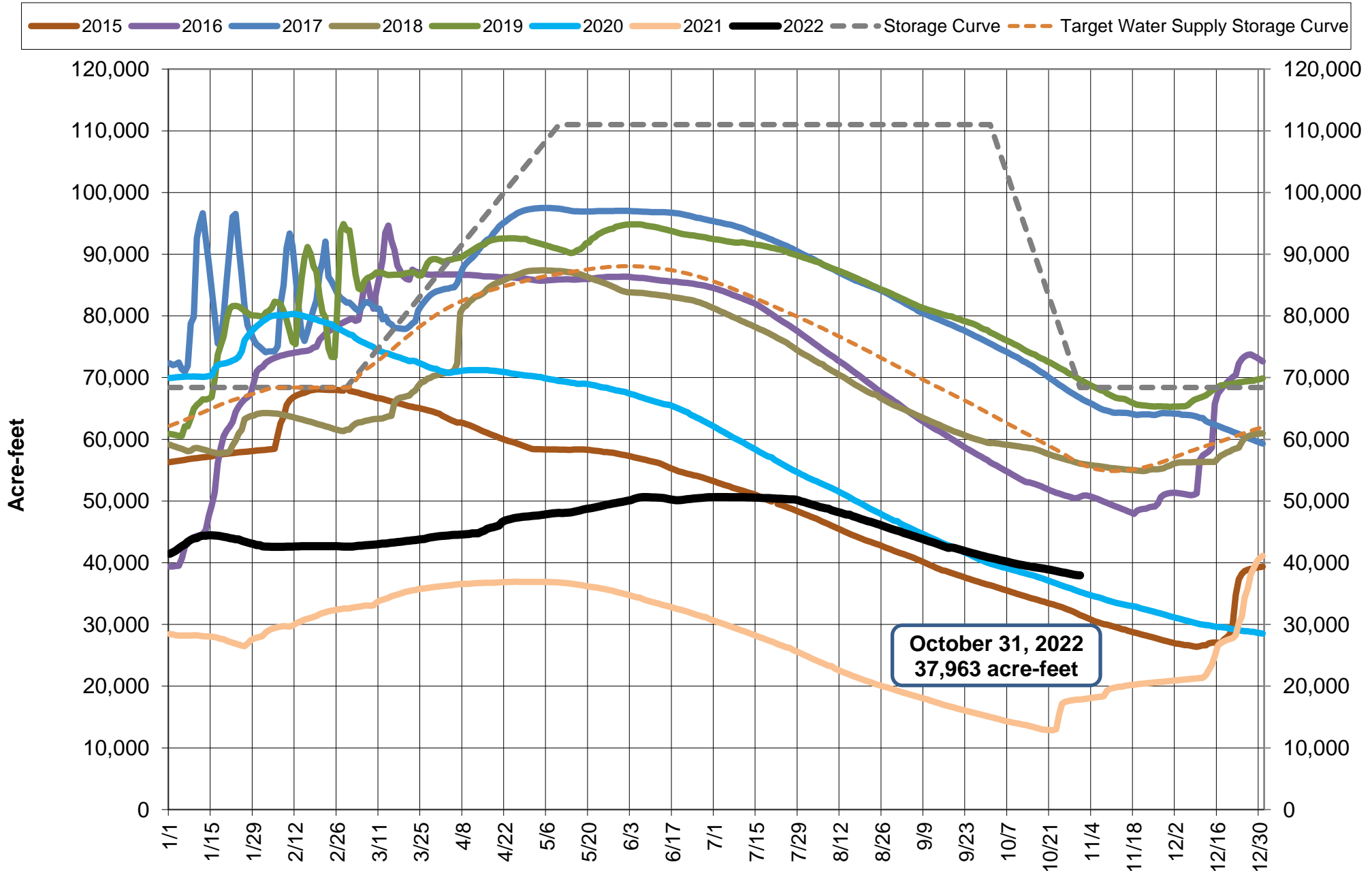


October 31, 2022
104,302 acre-feet

Lake Pillsbury Storage and Target Storage Scenarios



Lake Mendocino Storage





Weekly Drought Update - Oct 27

This email is designed to provide situation awareness for current drought conditions and an outlook for precipitation, temperatures, and drought trends across northwest California counties including: Del Norte, Humboldt, Trinity, Mendocino, and Lake.

DETAILS

- No changes in drought conditions for northwest California
- Equal chances for normal precipitation and above normal temperatures are predicted through January 2023
- The seasonal drought outlook shows improving conditions for northwest California through January 2023

FOR MORE INFORMATION

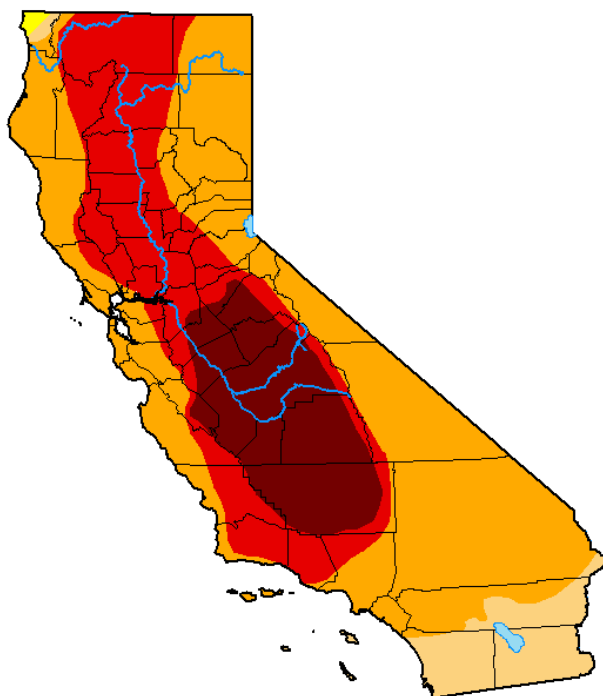
For the latest forecast updates, visit weather.gov/eureka.

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

U.S. Drought Monitor California

October 25, 2022
(Released Thursday, Oct. 27, 2022)
Valid 8 a.m. EDT



Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <http://droughtmonitor.unl.edu/About.aspx>

Author:

Adam Hartman
NOAA/NWS/NCEP/CPC



droughtmonitor.unl.edu

CA Drought Outlook

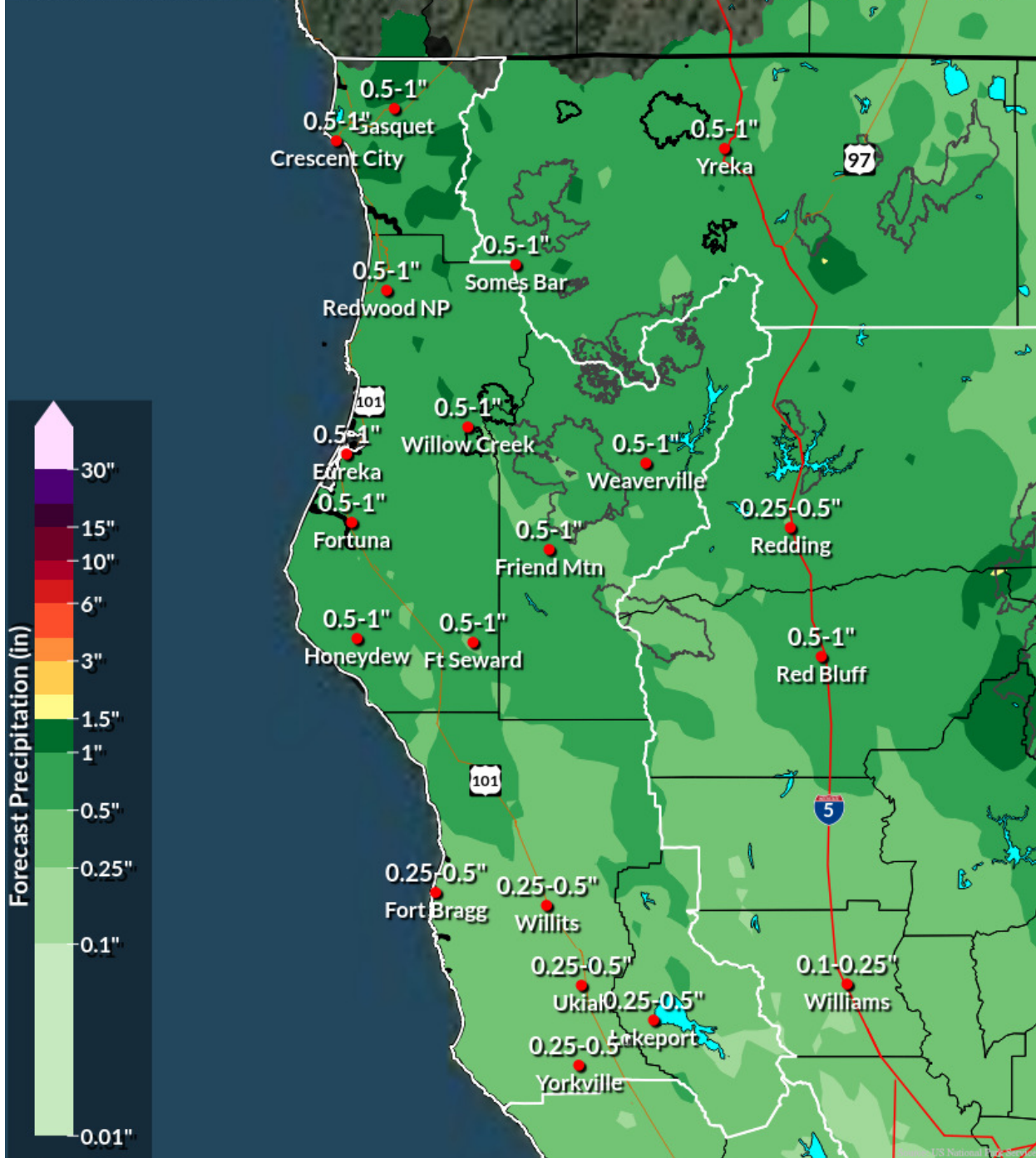
6-Day Forecast Precipitation

California Nevada
River Forecast Center



Thu Oct 27, 2022 5 AM PDT to Wed Nov 2, 2022 5 AM PDT

Issued Oct 27, 2022 11:45 AM PDT



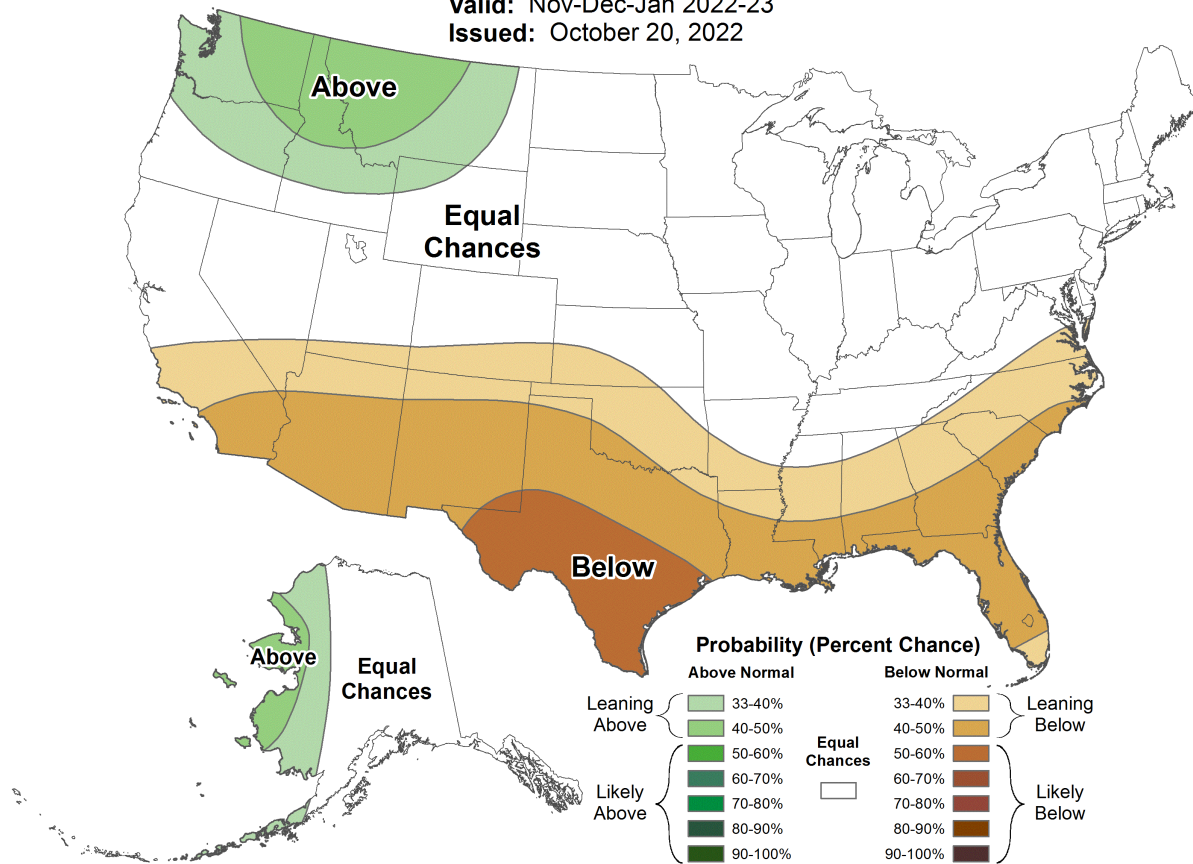


Seasonal Precipitation Outlook



Valid: Nov-Dec-Jan 2022-23

Issued: October 20, 2022



3 Month Precipitation +1 Months

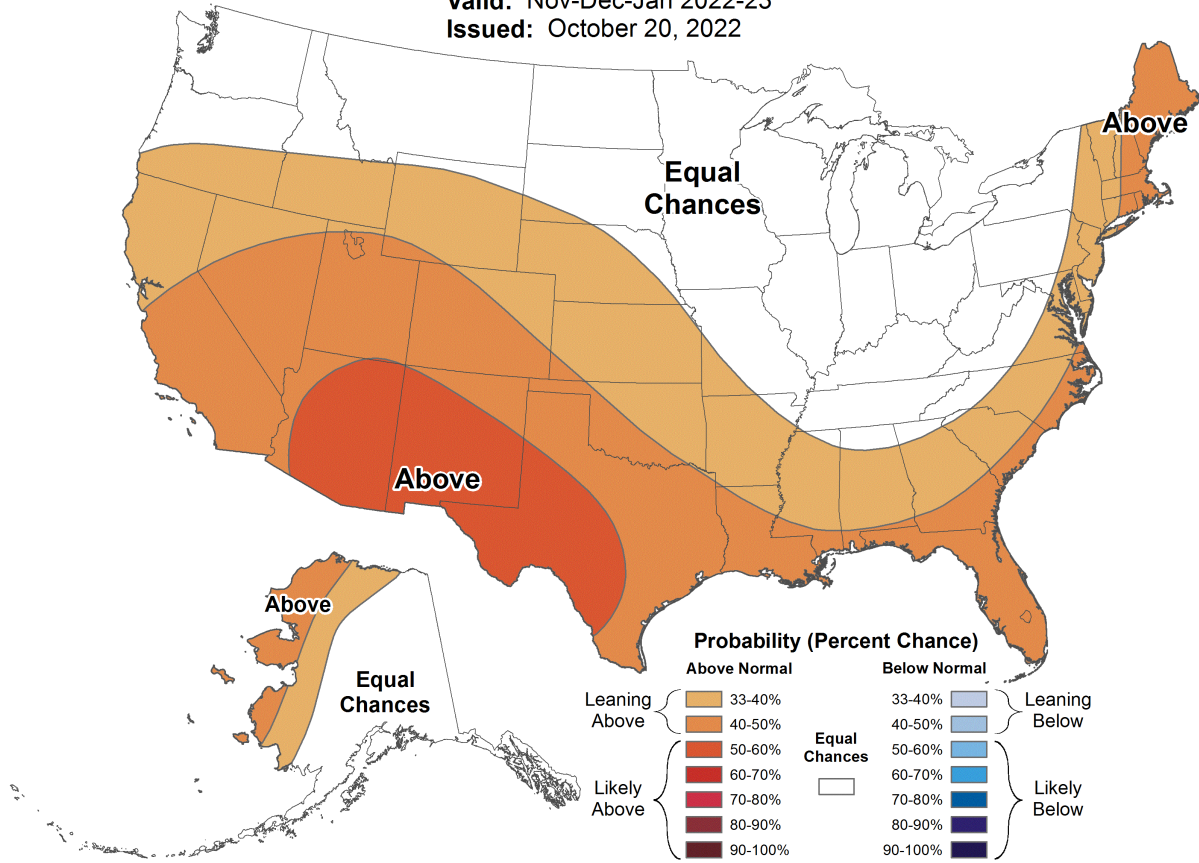


Seasonal Temperature Outlook



Valid: Nov-Dec-Jan 2022-23

Issued: October 20, 2022

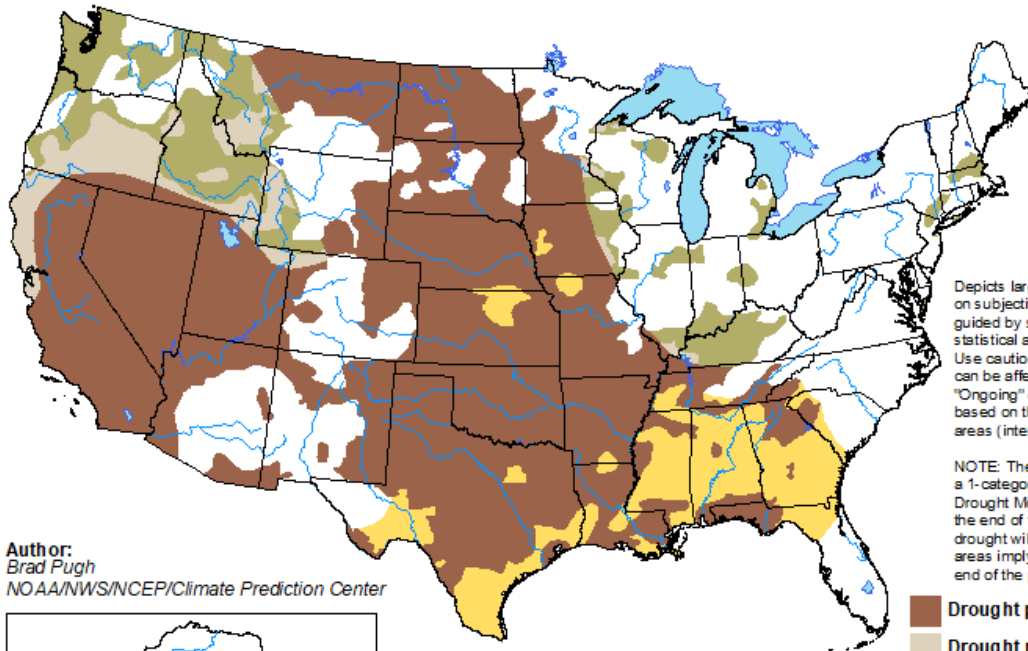


3 Month Temperature +1 Months

U.S. Seasonal Drought Outlook

Drought Tendency During the Valid Period

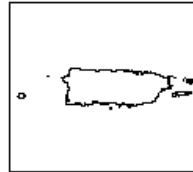
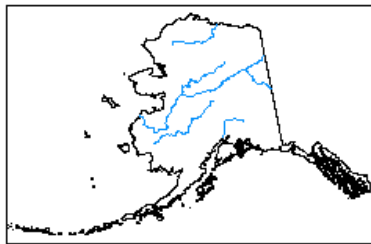
Valid for October 20, 2022 - January 31, 2023
Released October 20, 2022







Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to D4).

NOTE: The tan areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period, although drought will remain. The green areas imply drought removal by the end of the period (D0 or none).

Author:
Brad Pugh
NOAA/NWS/NCEP/Climate Prediction Center



-  Drought persists
-  Drought remains but improves
-  Drought removal likely
-  Drought development likely



<http://go.usa.gov/3eZ73>

Seasonal Drought Outlook



Rain, Mountain Snow, and Coastal Thunderstorms Monday through Wednesday followed by Cold Thursday Morning Temperatures

KEY POINTS

- Hazardous surf and sneaker waves along area beaches during Monday.
- Mainly beneficial rain Monday night through Wednesday.
- Light mountain snow Monday night through Wednesday.
- Coastal thunderstorms Tuesday afternoon and evening.
- Cold temperatures Thursday morning.

WEATHER RISK OUTLOOK

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

	Sun 10/30	Mon 10/31	Tue 11/1	Wed 11/2	Thu 11/3	Fri 11/4	Sat 11/5
Lake County Clearlake, Lakeport			Rain	Rain	Cold		
Del Norte County Crescent City, Gasquet		Sneaker Waves High Surf	Rain Lightning	Rain	Cold		
Mendocino County Ukiah, Fort Bragg		Sneaker Waves High Surf	Rain	Rain	Cold		
Trinity County Weaverville, Hayfork			Rain Snow	Rain Snow	Cold		
Humboldt County Eureka, Fortuna, Willow Creek		Sneaker Waves High Surf	Rain Lightning	Rain	Cold		

Risk Levels

Little to None

Minor

Moderate

Major

Extreme

DETAILS

Del Norte County, Mendocino County, Humboldt County

Sneaker Waves

Impacts:

- Large unexpected waves can sweep across beaches without warning, sweeping people into the sea from rocks, jetties, and beaches.

Timing:

- Monday.



High Surf

Impacts:

- Large breaking waves from 15 to 21 feet will be capable of sweeping people into the sea from rocks, jetties, and beaches.

Timing:

- Monday.

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

Rain

Impacts:

- Rainfall will mainly be beneficial in nature.
- Roads may become slick due to the accumulation of summer oils.

Timing:

- Rain spreading across Northwest California Monday night.
- Showers persisting across the region Tuesday and Wednesday.

Trinity County



Snow

Impacts:

- Driving impacts will mainly be confined to Scott Mountain Summit on HWY 3 in Northern Trinity County.

Timing:

- Tuesday morning through Wednesday.

- Light snow showers will occur Tuesday and Wednesday, with 1-3 inches of storm total accumulation possible at Scott Mountain Summit on HWY 3 in NRN Trinity County.

Del Norte County, Humboldt County



Lightning

Impacts:

- People located outdoors will be exposed to dangerous cloud to ground lightning.
- Some small hail will be possible with stronger storms moving across coastal Del Norte and Humboldt Counties.

Timing:

- Tuesday afternoon and evening.

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



Cold

Impacts:

- Tender plants, pets, and outdoor pipes will be exposed to below freezing temperatures.
- Frost will be probable.

Timing:

- Thursday morning.

- Interior valleys of Northwest California will experience below freezing temperatures, with the the coldest wind sheltered valleys experiencing temperatures in the low 20s.
- Temperatures near the coast will locally be favorable for frost development.

FOR MORE INFORMATION

For the latest forecast updates, visit 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

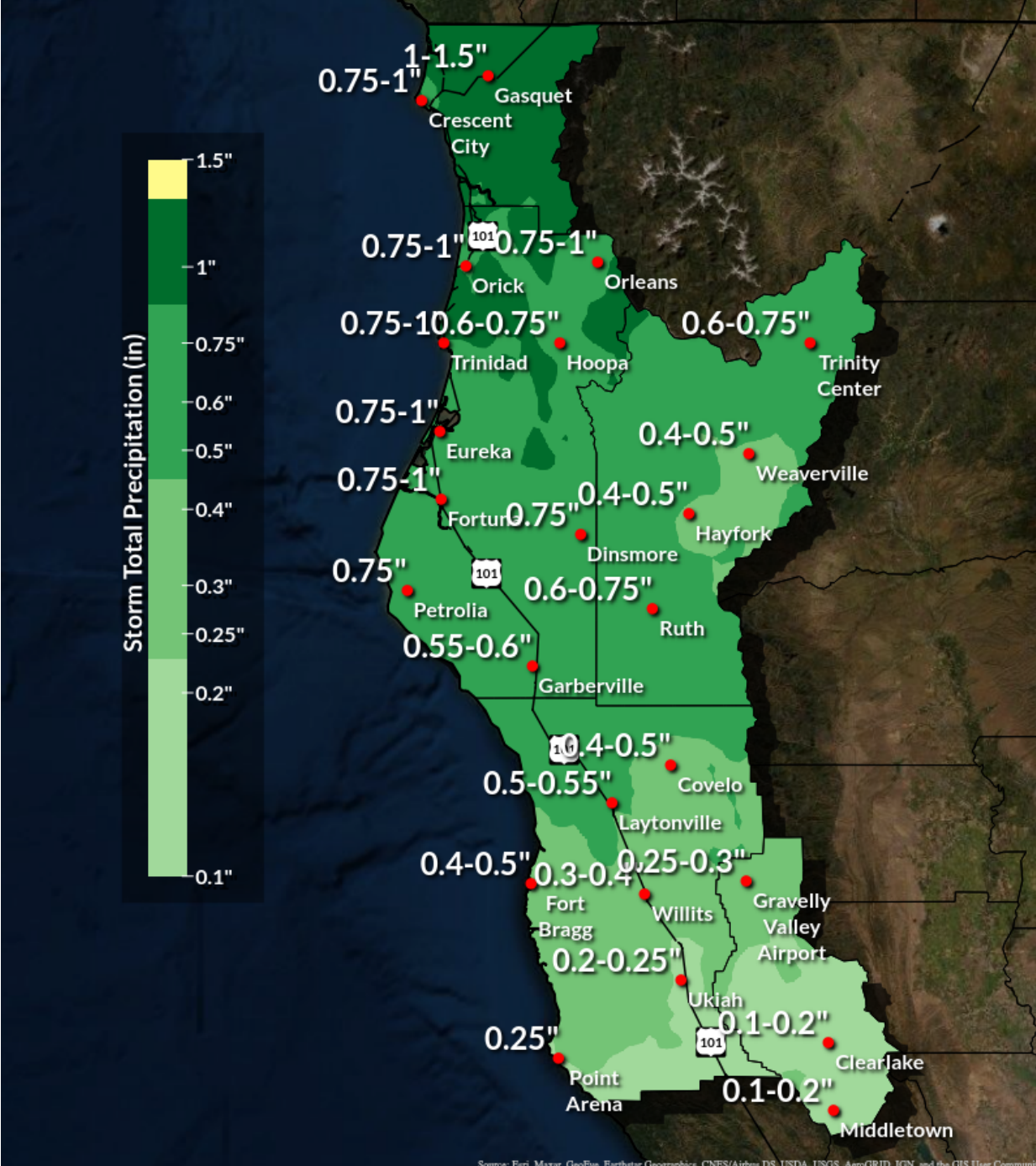
Rainfall Totals

Weather Forecast Office
Eureka, CA



Valid Monday Night Through Wednesday

Issued Oct 30, 2022 4:32 PM PDT



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

Snow Forecast

Weather Forecast Office

Eureka, CA

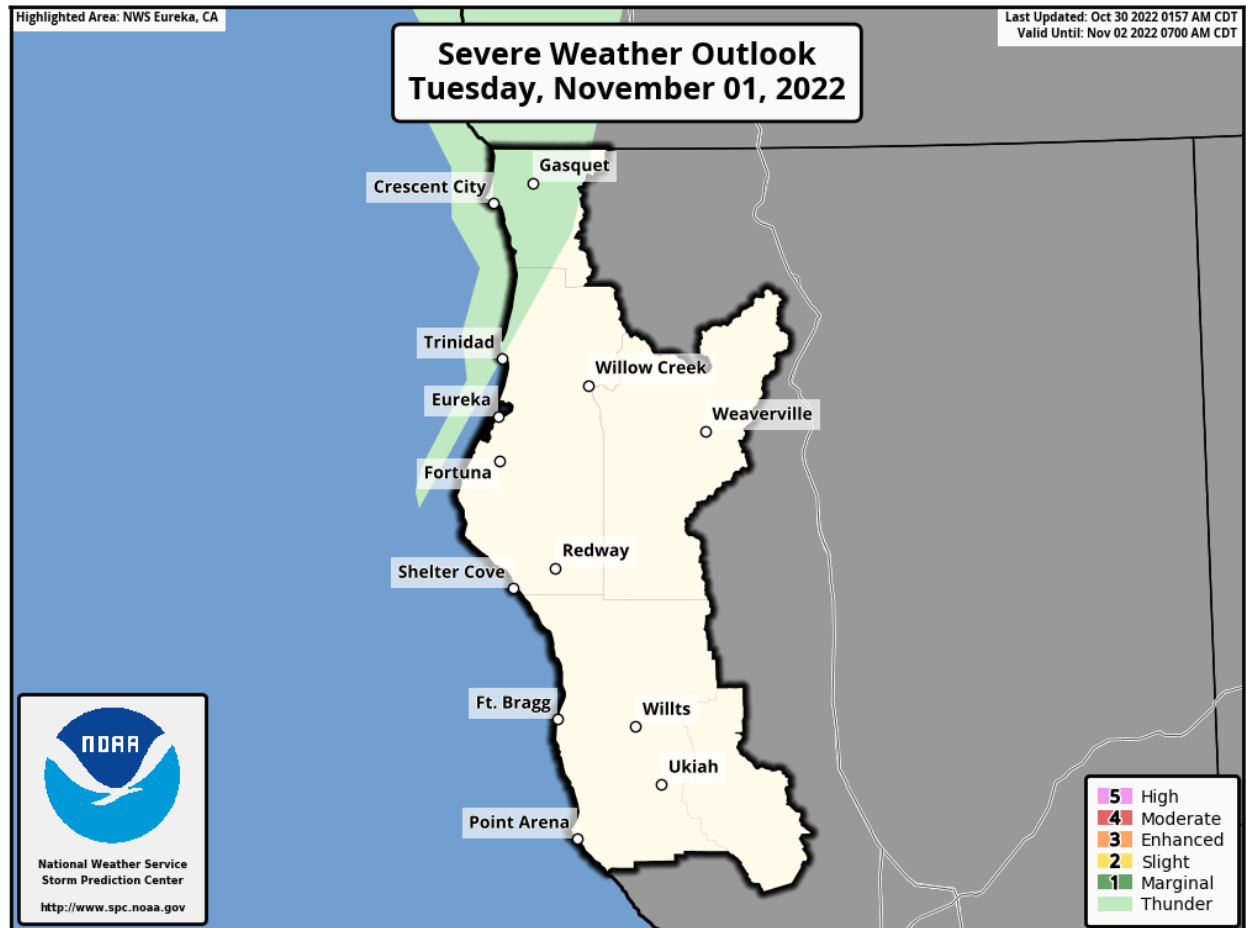


Valid Monday Night Through Wednesday

Issued Oct 30, 2022 4:39 PM PDT



snow.png



EKA Thunderstorm Outlook

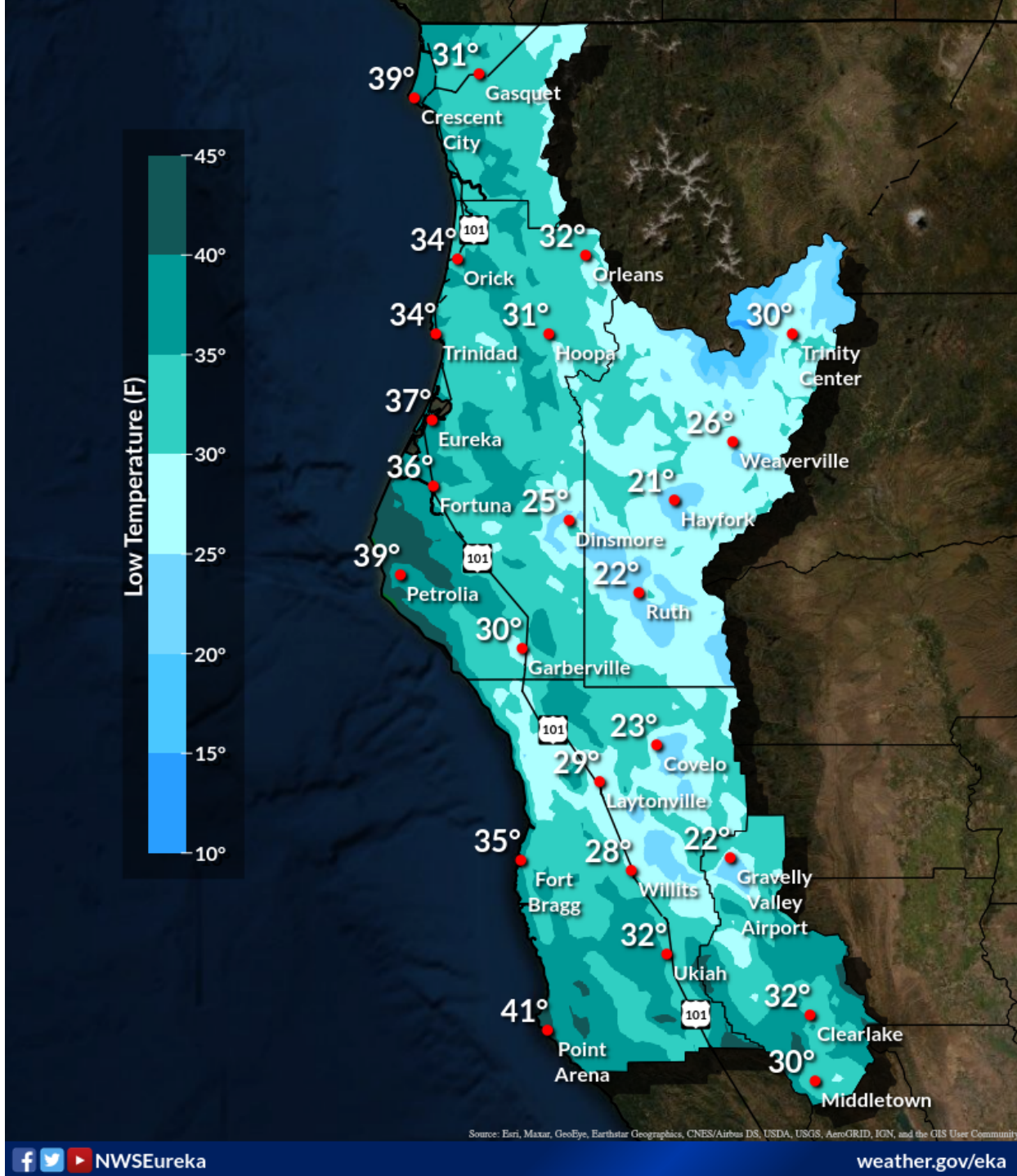
Cold Thursday Morning Temperatures

Weather Forecast Office
Eureka, CA

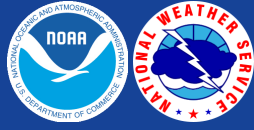


Low Temperature Forecast Valid Thursday Morning

Issued Oct 30, 2022 4:20 PM PDT



minT.png



Periods of Rain, Mountain Snow, and Cold Valley Temperatures This Week

KEY POINTS

- Hazardous travel conditions due to snow mainly in Northern Trinity County.
- Diminishing sneaker wave and high surf threat Monday evening.
- Beneficial rainfall through Wednesday, and again this weekend.
- Cold valley temperatures Thursday morning.
- Coastal thunderstorms possible in Del Norte and Humboldt County Tuesday afternoon into the night.

WEATHER RISK OUTLOOK

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

	Mon 10/31	Tue 11/1	Wed 11/2	Thu 11/3	Fri 11/4	Sat 11/5	Sun 11/6
Lake County Clearlake, Lakeport		Rain	Rain	Cold		Rain	Rain
Del Norte County Crescent City, Gasquet	Sneaker Waves High Surf	Rain Lightning	Rain	Cold		Rain	Rain
Mendocino County Ukiah, Fort Bragg	Sneaker Waves High Surf	Rain	Rain	Cold		Rain	Rain
Trinity County Weaverville, Hayfork		Snow Rain	Snow Rain	Cold		Rain Snow	Rain Snow
Humboldt County Eureka, Fortuna, Willow Creek	Sneaker Waves High Surf	Rain Lightning	Rain	Cold		Rain	Rain

Risk Levels

Little to None

Minor

Moderate

Major

Extreme

DETAILS

Trinity County



Impacts:

- Hazardous driving conditions due to snow will be possible across mountain roads in Northern Trinity County...particularly at Scott Mountain Summit on HWY 3.

Timing:

- Monday night through Wednesday.
- Additional snowfall possible this weekend.

- Winter weather advisory in effect Tuesday from 5AM to 5PM due to snowfall accumulations up to 3 inches for elevations above 5000 feet in NRN Trinity County.



Impacts:

- Tender plants, pets, and exposed pipes will be threatened by below freezing temperatures.

Timing:

- Thursday morning.

- Low temperatures in the upper teens to low 20s for wind sheltered valleys in Trinity, Mendocino, and NRN Lake Counties.

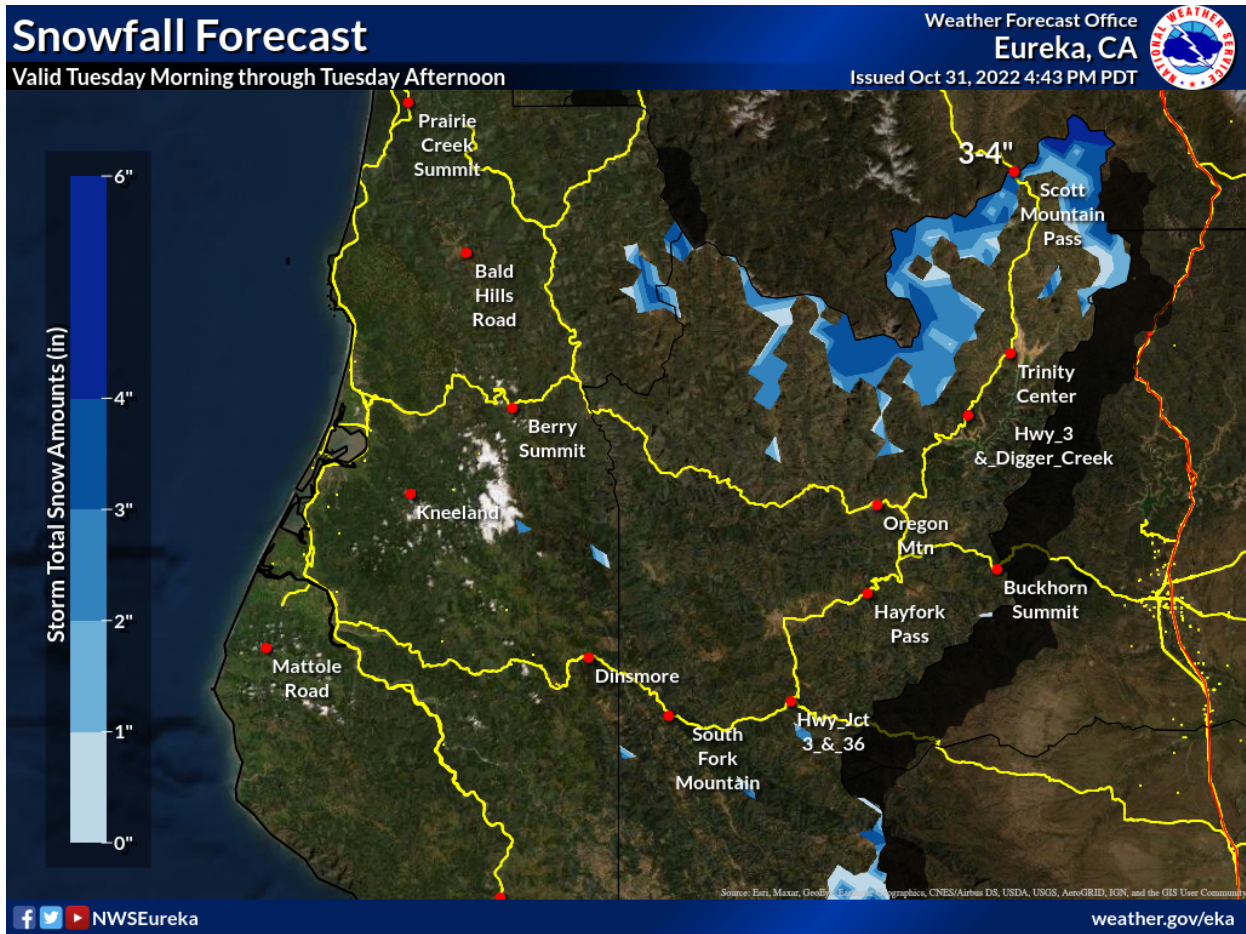
- Elsewhere, low temperatures from the mid 20s to mid 30s for valleys inland from the coast.

FOR MORE INFORMATION

For the latest forecast updates, visit 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



snow2.png

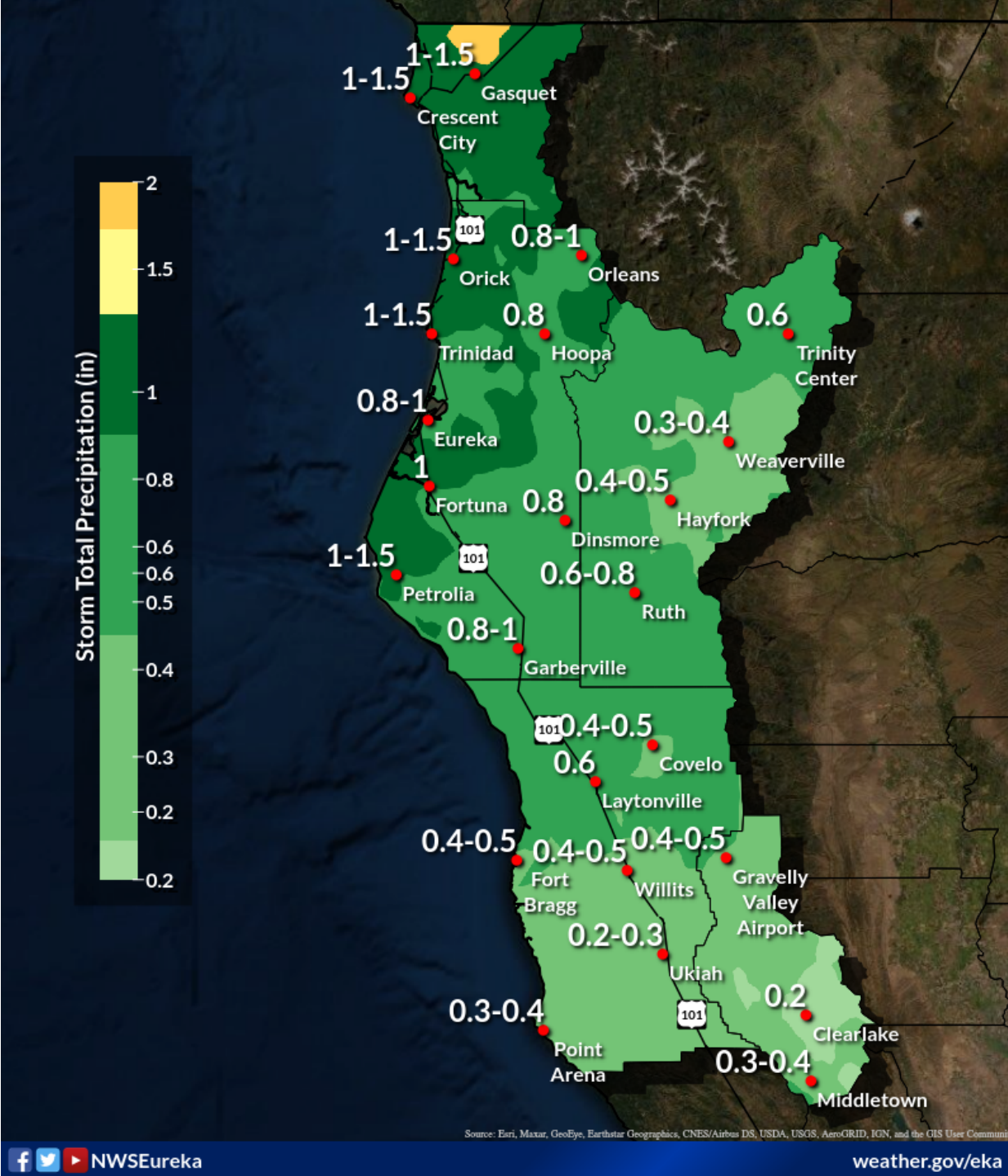
Rainfall Forecast

Weather Forecast Office
Eureka, CA



Valid Monday Night Through Wednesday

Issued Oct 31, 2022 3:35 PM PDT



qpf.png

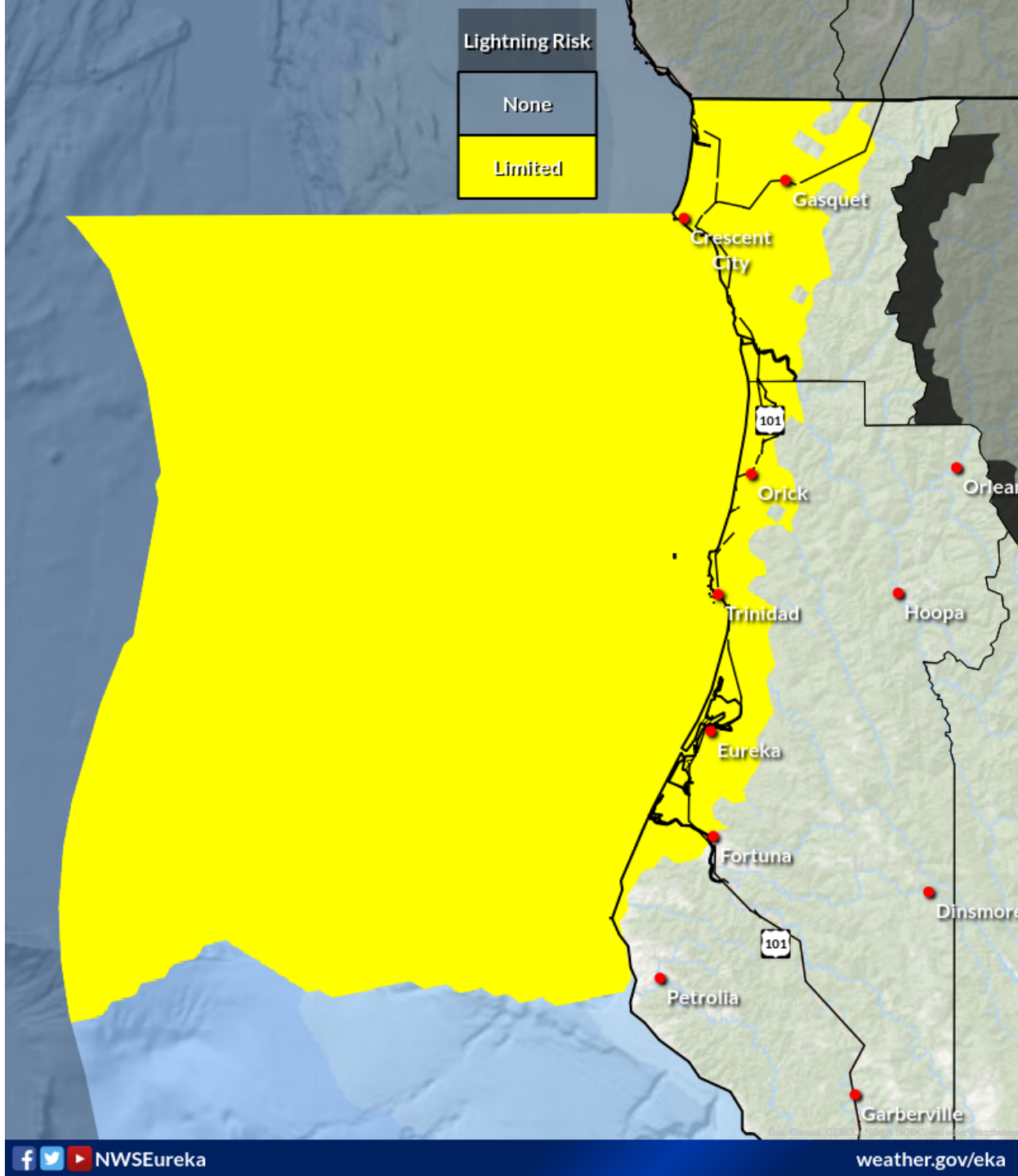
Thunderstorm Forecast

Weather Forecast Office
Eureka, CA



Valid Tuesday Afternoon And Evening

Issued Oct 31, 2022 3:46 PM PDT



thunder.png

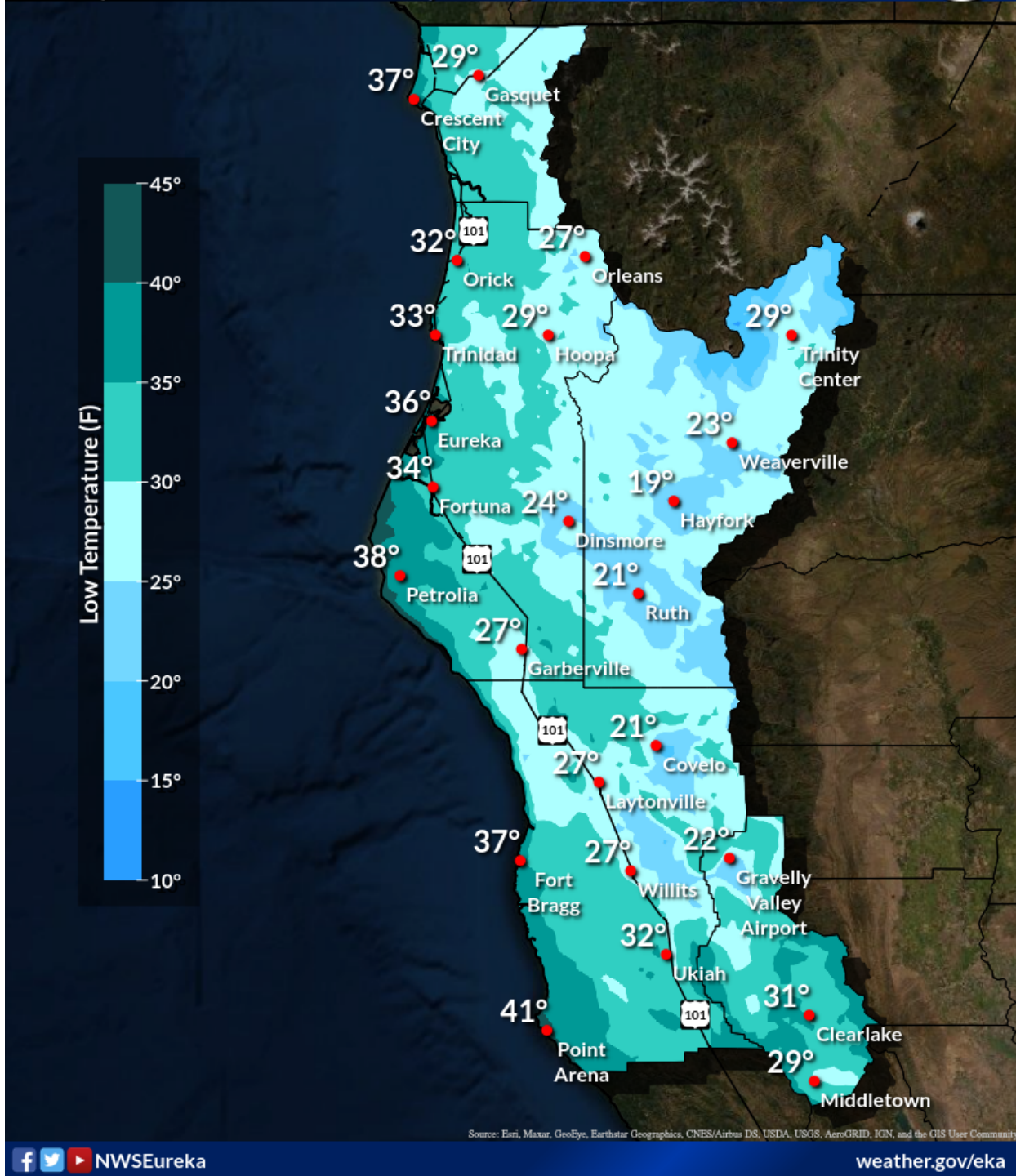
Cold Thursday Morning Temperatures

Weather Forecast Office
Eureka, CA



Low Temperature Forecast Valid Thursday Morning

Issued Oct 31, 2022 3:31 PM PDT



minT.png