

WATER SUPPLY CONDITIONS UPDATE 11/21/2022

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

There are currently no curtailments in the Russian River.



Photo by CJ Watt

Reservoir Storage & Operations (More info here):

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

Lake Mendocino

11/21

Current Storage (acre-feet)	37,211
Target Water Supply Storage Curve (acre-feet)	55,433
% of Target Water Supply Storage Curve	67.13%
7-day change (acre-feet)	-197

Lake Pillsbury

11/19

Current Storage (acre-feet)	28,924
Target Storage Curve (acre-feet)	28,884
7-day change (acre-feet)	-740

Lake Sonoma

11/21

Current Storage (acre-feet)	99,668
Target Storage Curve (acre-feet)	245,000
% of Water Supply Pool	40.68%
7-day change (acre-feet)	-1,475

Please complete the Water Sharing Program Survey by November 23, 2022: (follow ALL instructions)

To improve upon implementation for future years, the Russian River Steering Committee asks interested parties to complete a survey describing their experience involving the Program. The survey will be discussed further at the November 7, 2022 meeting with additional details below. This is a survey to inform the Russian River Voluntary Drought Program Steering Committee in the compiling of their Annual Report. We ask that all program enrollees, Tribal interests, interested water right holders, those that opted out of the 2022 Program, non-participants, Russian River Watershed stakeholders, or anyone else interested in providing input to the Program, to please do so via this survey. The decision to provide any personally identifying information is completely optional for those that would like to ensure complete anonymity. All answers will be aggregated to inform the Steering Committee's "2022 Lesson's Learned," as well as the future outlook for this Program. As answers will only be used for the compiling of the Annual Report, please be as honest and as complete as possible. Thank you! **Survey can be accessed**

here: <https://www.surveylegend.com/s/4hq1>

If you have questions or issues completing the survey, please reach out to Devon

Boer: director@mendofb.org or Jaime Neary: jaimene@russianriverkeeper.org from the Russian River Voluntary Drought Program Steering Committee.

Deadline to Submit: November 23, 2022

Elevate & Educate

[Still Water, Performed by Daniel Lanois](#)

In the press:

- [CA Water Plan eNews – Nov 16, 2022](#)
- [Maven's Notebook, Nov 13-18, 2022](#)
- [Reuters - California tries to harness megastorm floods to ease crippling droughts, 11/15/22](#)
- [Stanford - Dams could play a big role in feeding the world more sustainably, Stanford researchers find, 11/4/22](#)
- [Western Farm Press - UC expert helps save water, increase supply, 11/16/22](#)
- [Phys.org - Treated wastewater can be more dependable and less toxic than common tap water sources, 11/14/22](#)
- [CA Water Blog - Are native fishes and reservoirs compatible?, 11/13/22](#)

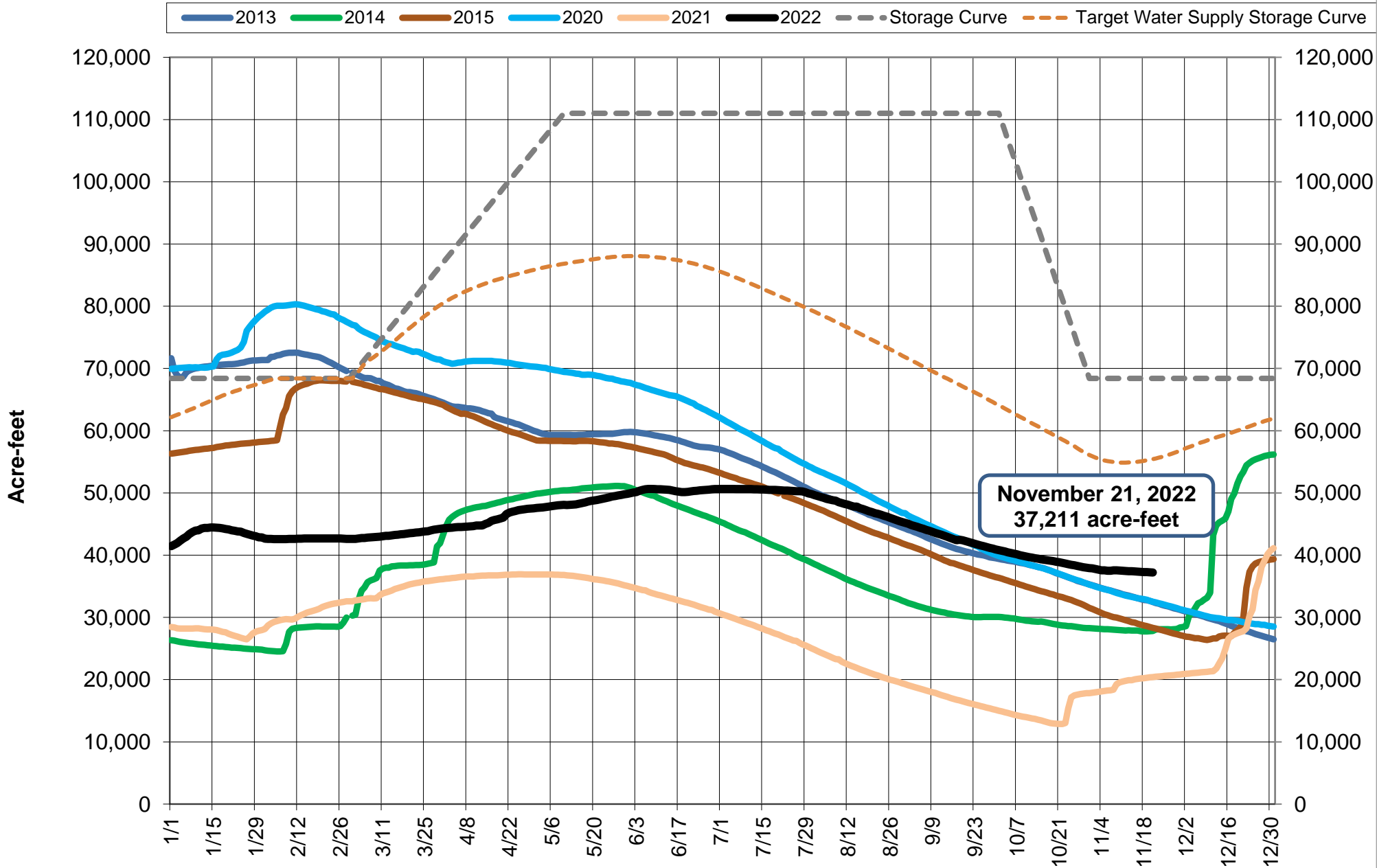
CLIMATE CHANGE:

- [Public Policy Institute of CA - Climate-Challenged California Must Learn to Thrive with Less Water, 11/16/22](#)
- [Office of CA Governor - California Releases World's First Plan to Achieve Net Zero Carbon Pollution, 11/16/22](#)
- [CA Ag Today - Western U.S. Streamflow Declines Respond Asymmetrically to Seasonal Climate Warming](#)
- [DWR - Sustainable Techniques Bring Concrete Results: Making DWR Infrastructure Carbon-Friendly, 11/14/22](#)

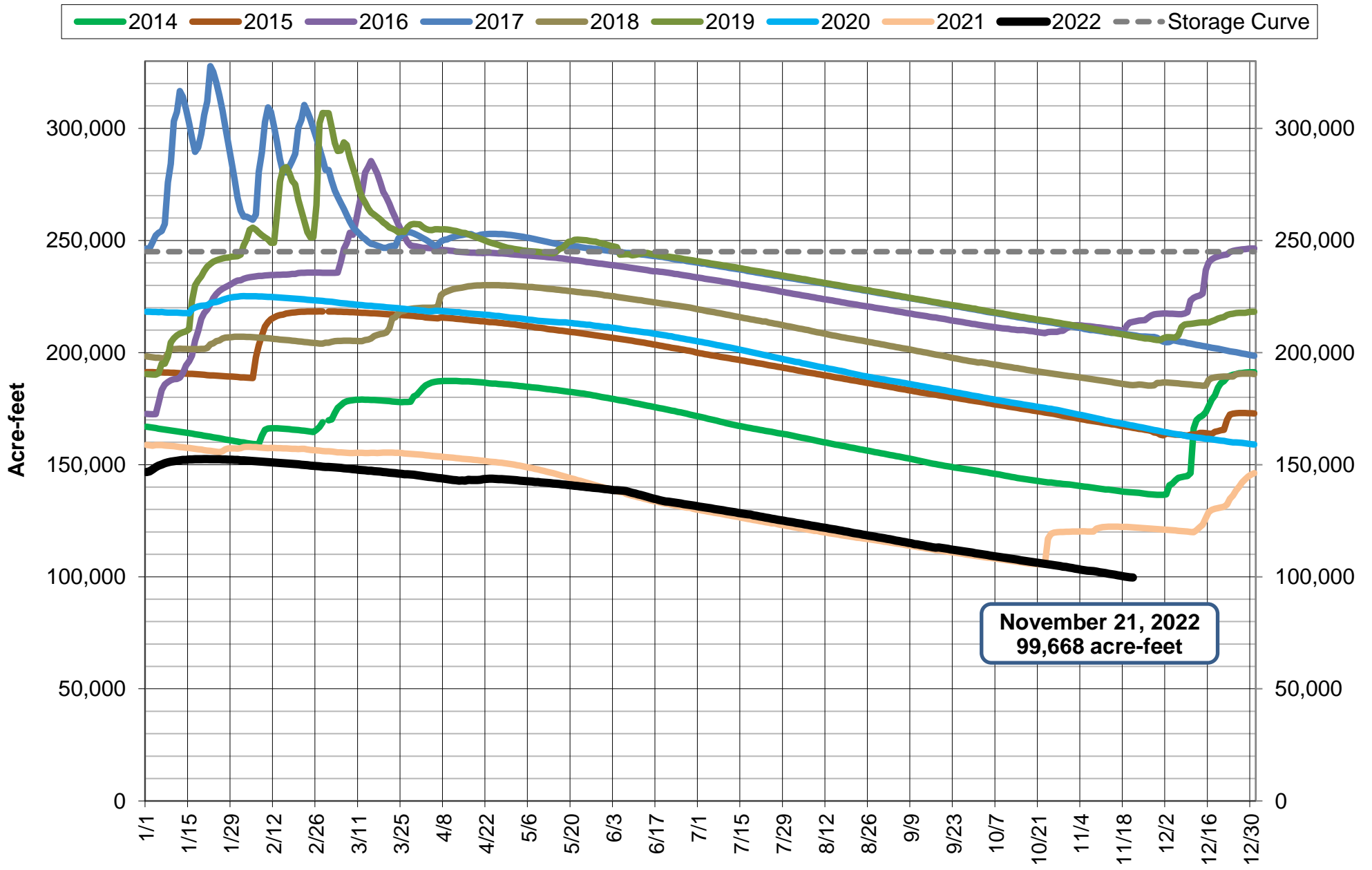
Other resources & information:

- [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](#).

Lake Mendocino Storage - Drought Years

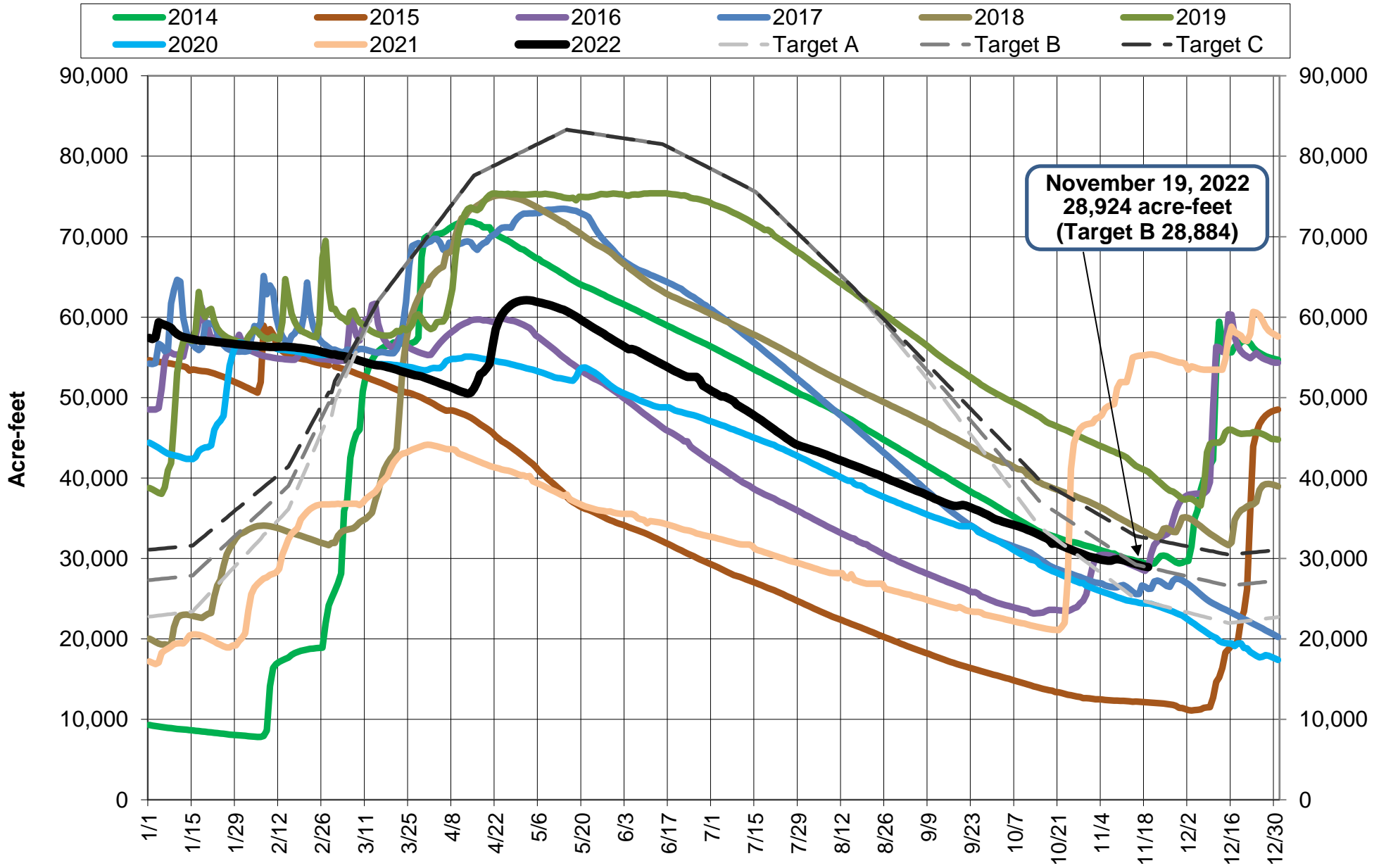


Lake Sonoma Storage

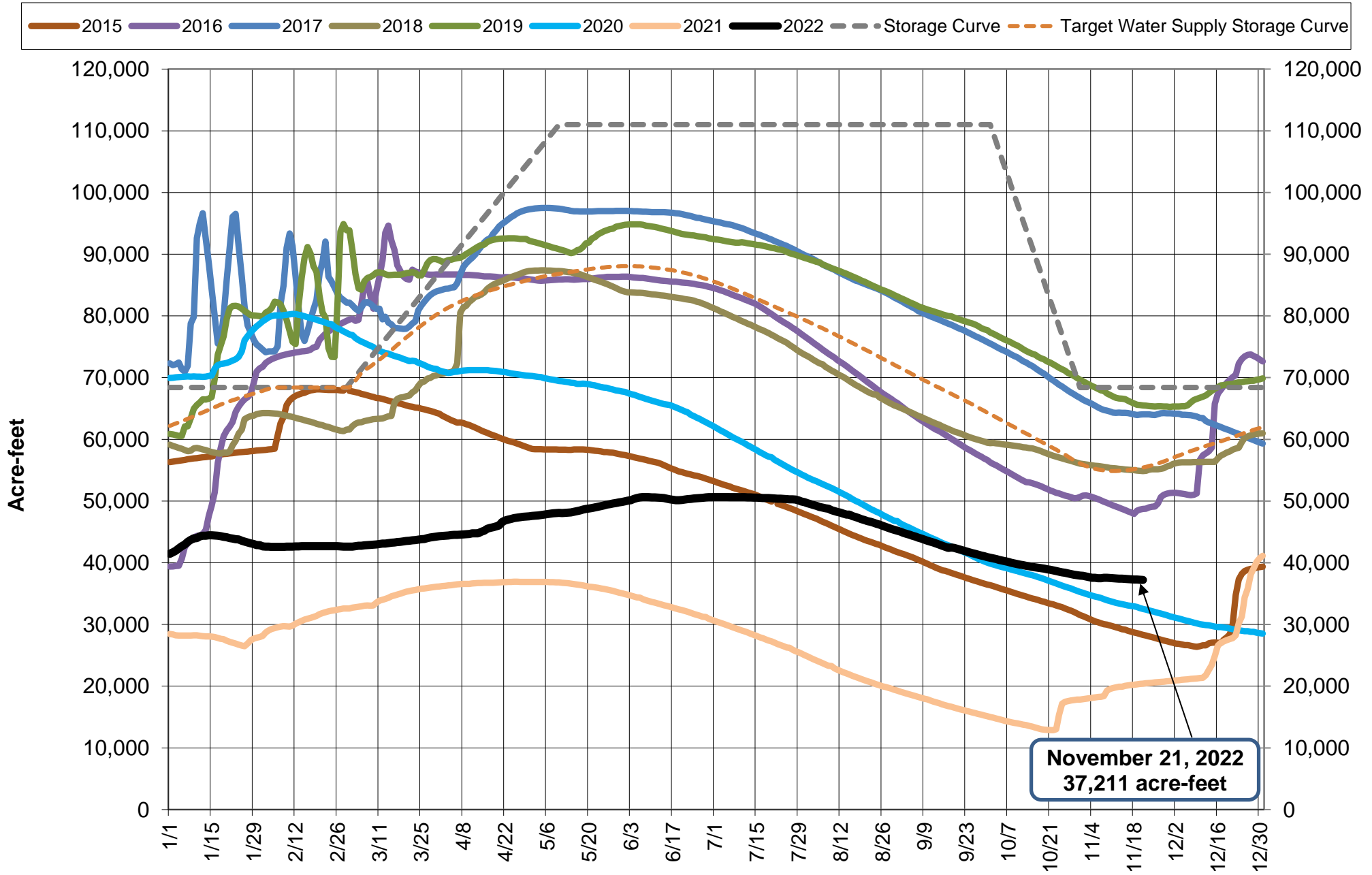


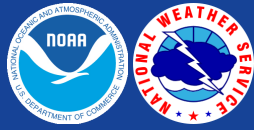
November 21, 2022
99,668 acre-feet

Lake Pillsbury Storage and Target Storage Scenarios



Lake Mendocino Storage





Gusty Ridgetop Winds and Elevated Fire Weather Potential Friday and Saturday

KEY POINTS

- Elevated fire weather conditions mainly in Lake County Friday and Saturday.
- Gusty ridgetop winds across much of Northwest California Friday and Saturday.

WEATHER RISK OUTLOOK

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

	Thu 11/17	Fri 11/18	Sat 11/19	Sun 11/20	Mon 11/21	Tue 11/22	Wed 11/23
Lake County Clearlake, Lakeport		Fire Weather Strong Wind	Fire Weather Strong Wind		Rain	Rain	Rain
Del Norte County Crescent City, Gasquet		Strong Wind	Strong Wind		Rain	Rain	Rain
Mendocino County Ukiah, Fort Bragg		Strong Wind	Strong Wind		Rain	Rain	Rain
Trinity County Weaverville, Hayfork		Strong Wind	Strong Wind		Rain	Rain	Rain
Humboldt County Eureka, Fortuna, Willow Creek		Strong Wind	Strong Wind		Rain	Rain	Rain

Risk Levels

Little to None

Minor

Moderate

Major

Extreme

DETAILS

Lake County



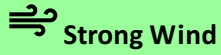
Impacts:

- Status of fuel dryness is not certain, but increased threat for fire starts and rapid spread will exist across areas of dry vegetation.

Timing:

- East-northeast winds will strengthen across ridges Friday morning.
- Strongest east-northeast winds Friday afternoon into Friday night.
- Winds weaken significantly by Saturday afternoon.

- East-northeast winds gusting from 20 to 40 mph...particularly across exposed ridges.
- Minimum relative humidity values in the teens and 20s with moderate overnight recoveries.
- Vegetation may be too moist for significant fire weather threat due to recent wetting rainfall.



Impacts:

- Loose objects may be blow around.
- Minor/isolated power disruptions possible.

Timing:

- Friday morning through Saturday morning.
- East-northeast winds gusting from 20 to 40 mph across exposed ridges.

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

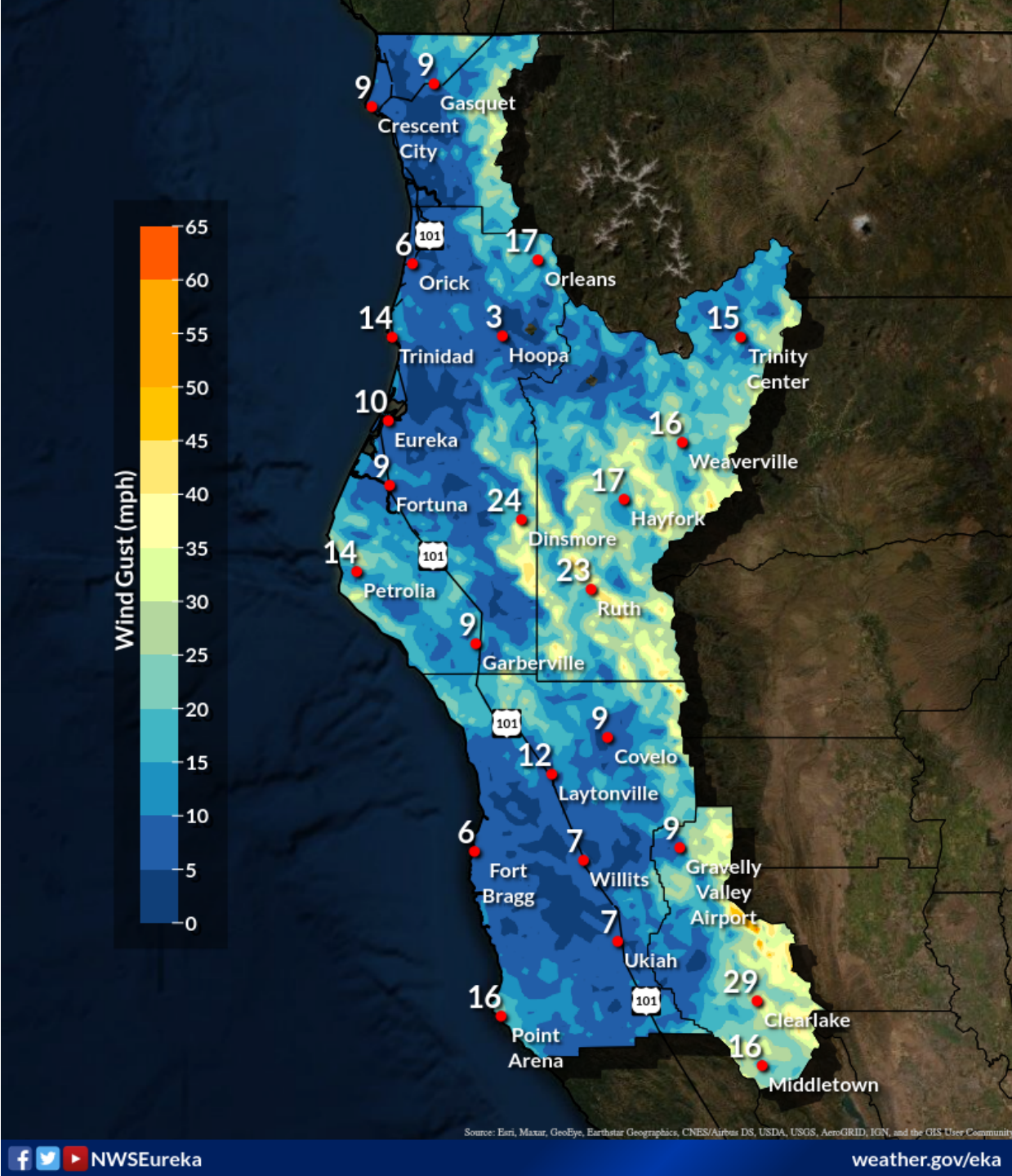
Wind Gust Forecast

Weather Forecast Office
Eureka, CA



Valid Friday Morning through Saturday Morning

Issued Nov 17, 2022 8:24 AM PST



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

wind.png

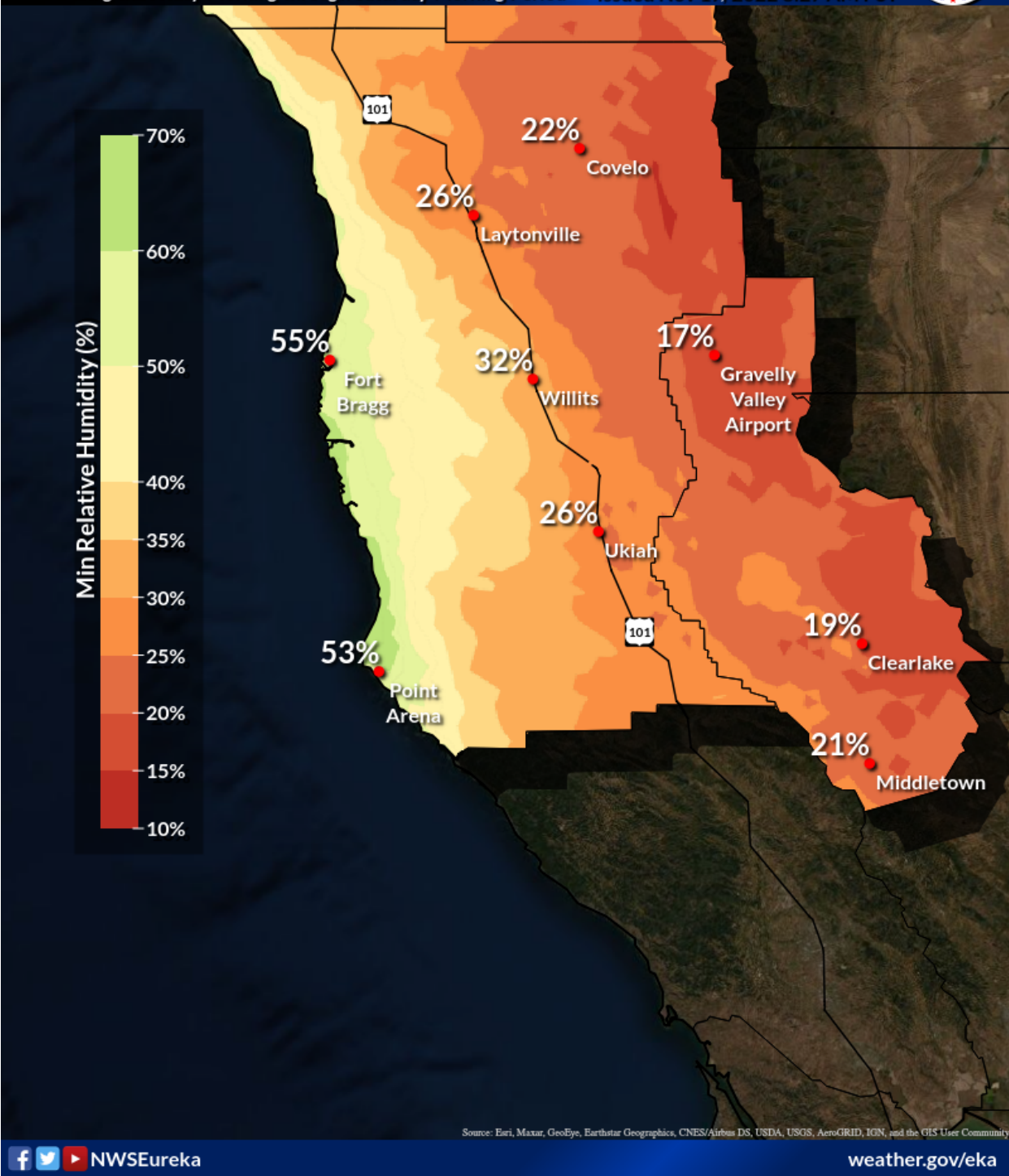
Minimum Relative Humidity

Weather Forecast Office
Eureka, CA



Valid During the Friday Morning through Saturday Morning Period

Issued Nov 17, 2022 8:27 AM PST



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