

WATER SUPPLY CONDITIONS UPDATE 4/10/23

Now sent to you via Mail Chimp – our distribution list grew too big for email!

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



Scott Dam Spilling (Lake Pillsbury), April 8, 2023 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 Monthly Weather-Climate Summary](#)

Lake Mendocino

4/10

| | |
|--------------------------------|--------|
| Current Storage (acre-feet) | 99,022 |
| FIRO Storage Curve (acre-feet) | 99,616 |
| % of FIRO Storage Curve | 99.40% |
| 7-day change (acre-feet) | +1,638 |

Lake Pillsbury

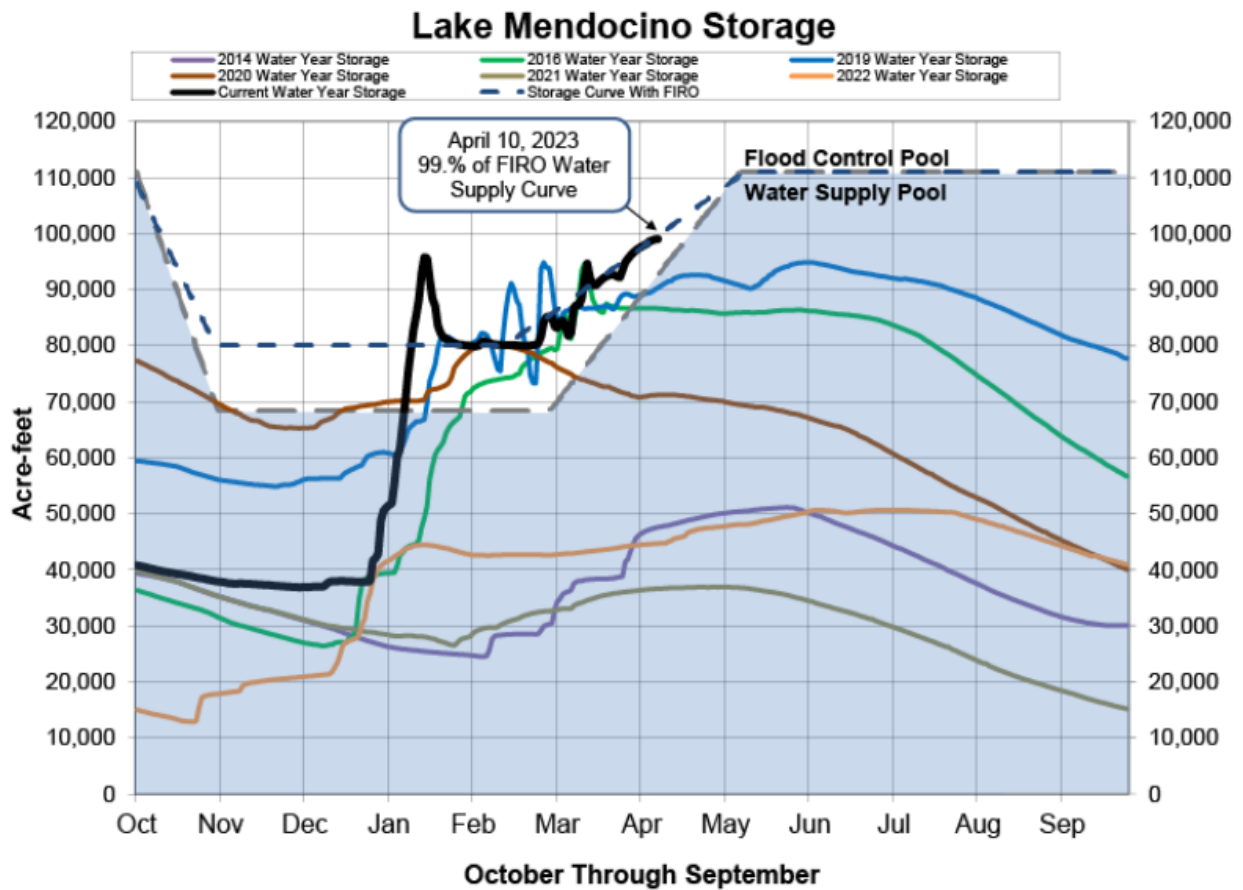
4/9

| | |
|----------------------------------|--------|
| Current Storage (acre-feet) | 58,181 |
| Target Storage Curve (acre-feet) | 74,581 |
| 7-day change (acre-feet) | +8 |

Lake Sonoma

4/10

| | |
|------------------------------------|---------|
| Current Storage (acre-feet) | 266,883 |
| Minor Deviation Curve (acre-feet) | 264,000 |
| % of Minor Deviation Storage Curve | 101.09% |
| 7-day change (acre-feet) | -3,537 |



FROM: [Sonoma Water's Current Water Supply Levels webpage](#). More on [FIRO](#).

Ukiah Valley Basin Groundwater Sustainability Agency Workshop on Well Permitting

The County of Mendocino and the UVB GSA are co-hosting a [Well Permitting Workshop Part 2](#) on [April 17 at Barra of Mendocino Winery](#) where they will share with the community how they incorporated feedback provided at the last workshop in November into a new and revised process to comply with the Executive Order. They will also share an update on timing for the GSA to adopt an interim policy to proceed with reviewing well applications that require our review and other relevant updates from the County. See **attached** flyer.

Russian River Water Forum Updates website:

<https://russianriverwaterforum.org/>



Caucuses are forming for the Planning Group – first meeting hopefully in May!

In the press:

- [CA Water Plan eNews April 5, 2023](#)
- [Maven's Notebook - April 2-7, 2023](#)
-
- [Press Democrat - Sonoma County supervisors advance more stringent well regulations, 4/6/23](#)
- [Cal Matters - California's water battles continue despite record rain and snow, 4/5/23](#)
- [Press Democrat - 'We have to lead the charge': North Bay winemakers take on climate change, 4/8/23](#)
- [ABC News - How beavers could help the Colorado River survive future droughts, 4/7/23](#)
- [Mercury News - For California native species, floods help revive ecosystems, 4/10/23](#)
- [Press Democrat - Healdsburg rescinds water shortage requirements, preschool plan progresses, 4/10/23](#)
- [Washington Post - The science behind California's extremely wet winter, in maps, 4/7/23](#)
- [Patch - Groundwater Wells: Sonoma County Supes Move To Update Permit Process, 4/5/23](#)
- [The Guardian - Drought or no drought? California left pondering after record winter deluge, 4/1/23](#)
- [San Fran Chronicle - Will California see more storms in April? Here's what to expect this month, 4/3/23](#)
- [CA Water Education Foundation, Various Articles on Federal funding to improve water quality & infrastructure, 4/6/23](#)

Other resources & information:

- 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

**Mendocino County 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



Save the Date!

Monday April 17, 2023

5:00 – 6:30 p.m.

Barra of Mendocino Winery & Event Center

7051 N State St, Redwood Valley, CA 95470



Well Permitting Workshop

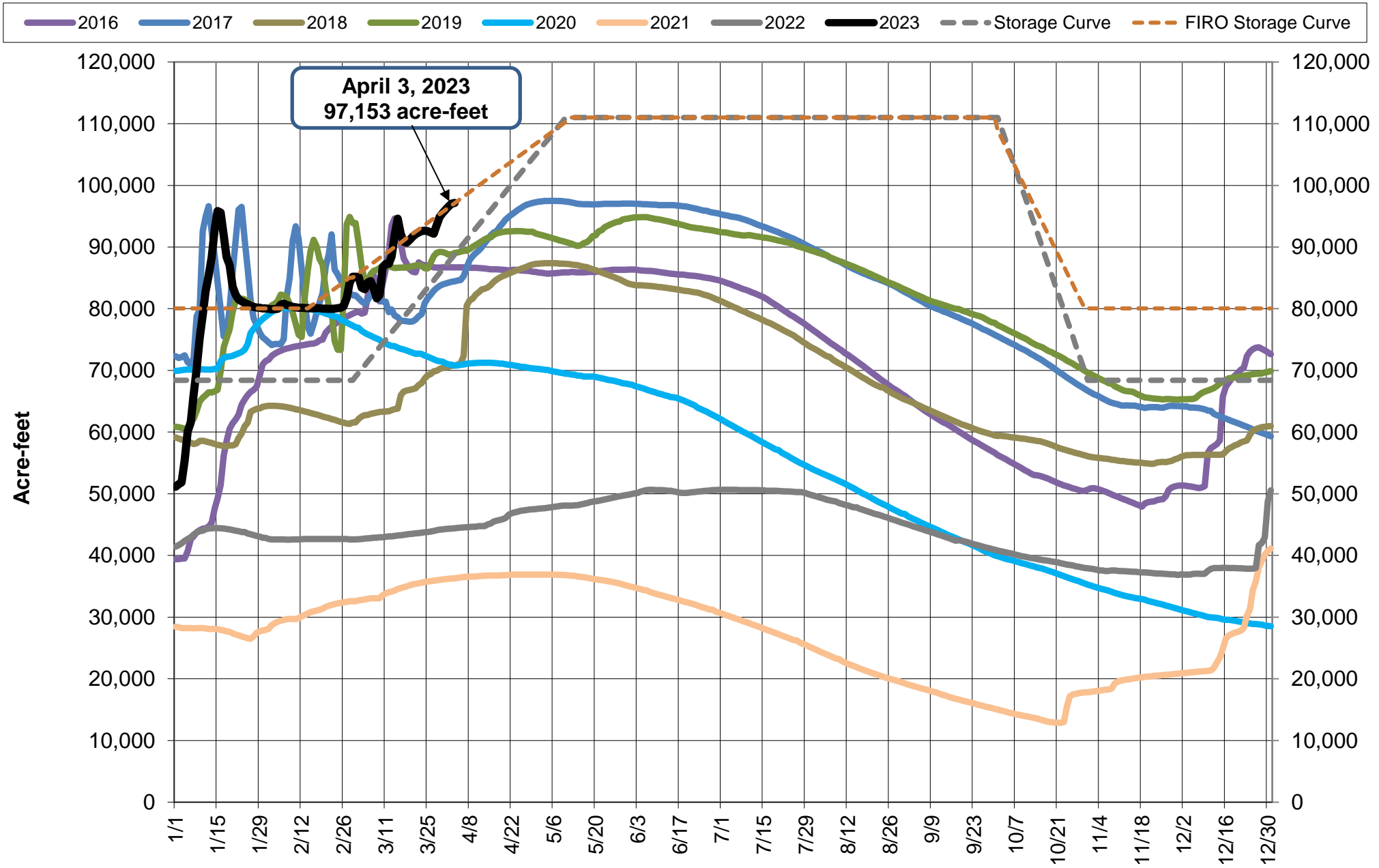
Part 2: Incorporating Your Input in the Revised Well Application Process

Are you a well driller, or do you use groundwater for agricultural or industrial purposes?
Did you attend Part 1 of this workshop in November?

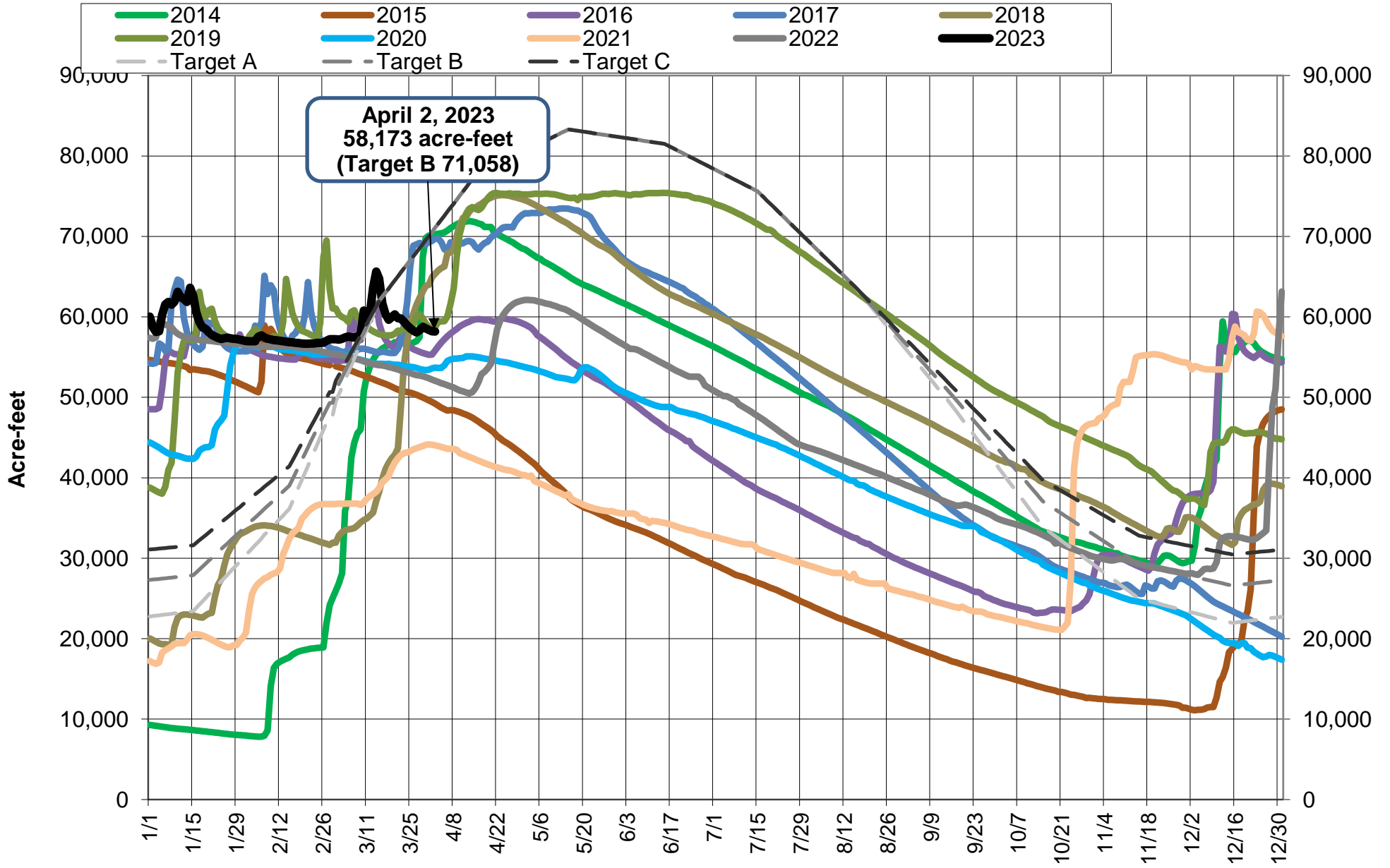
Join [Mendocino County Environmental Health](#) and the [Ukiah Valley Basin Groundwater Sustainability Agency \(GSA\)](#) for a joint workshop on April 17 to learn how the input you shared in November is reflected in proposed changes to the groundwater well permitting process driven by [Executive Order N-3-23](#) (the updated version of [Executive Order N-7-22](#))



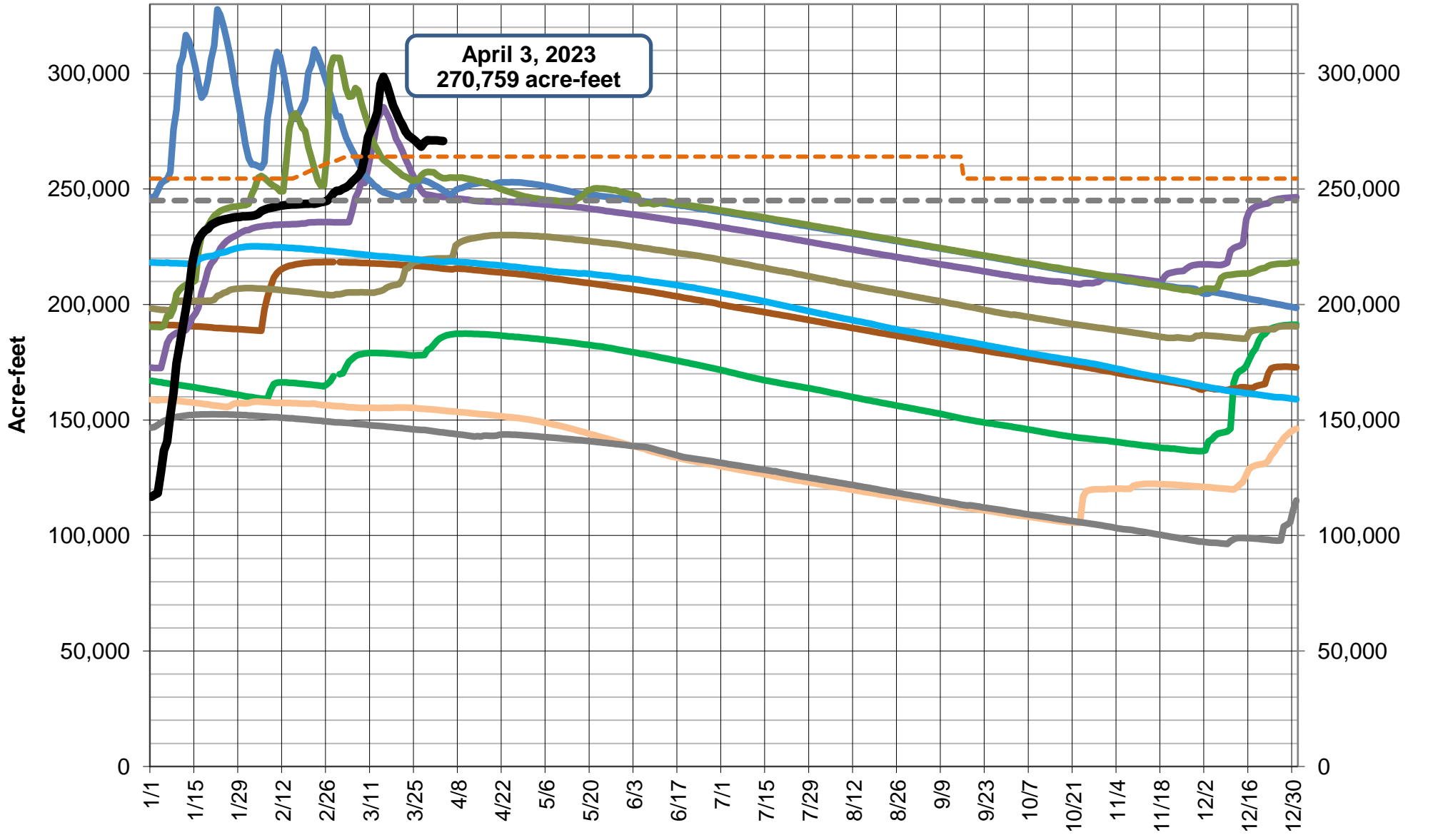
Lake Mendocino Storage



Lake Pillsbury Storage and Target Storage Scenarios

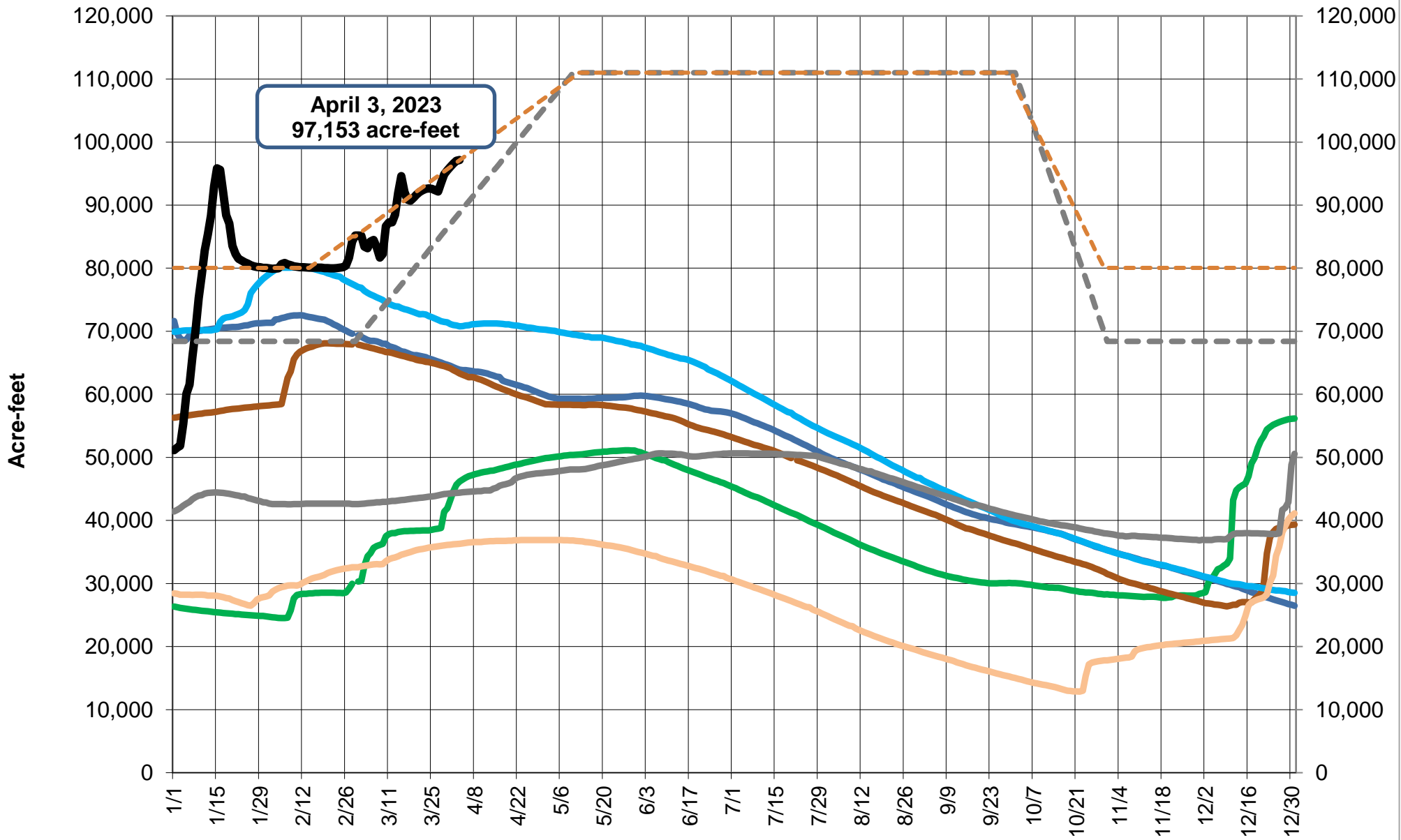


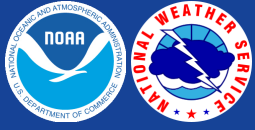
Lake Sonoma Storage



Lake Mendocino Storage - Drought Years

— 2013
 — 2014
 — 2015
 — 2020
 — 2021
 — 2022
 — 2023
 - - Storage Curve
 - - FIRO Storage Curve





Drought Update - April 6

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.

CHANGES FROM PREVIOUS BRIEFING

Attached PDFs with water year normals so far and February/March Snowfall

DETAILS

- **Moderate drought conditions persist in Trinity County**
- **April 2023 is predicted to be wetter and colder than normal**
- **Mostly normal conditions are predicted through June 2023 expect for a small portion of Del Norte County with below normal precipitation**
- **The seasonal drought outlook predicts drought removal likely for Trinity County by June 2023**

FOR MORE INFORMATION

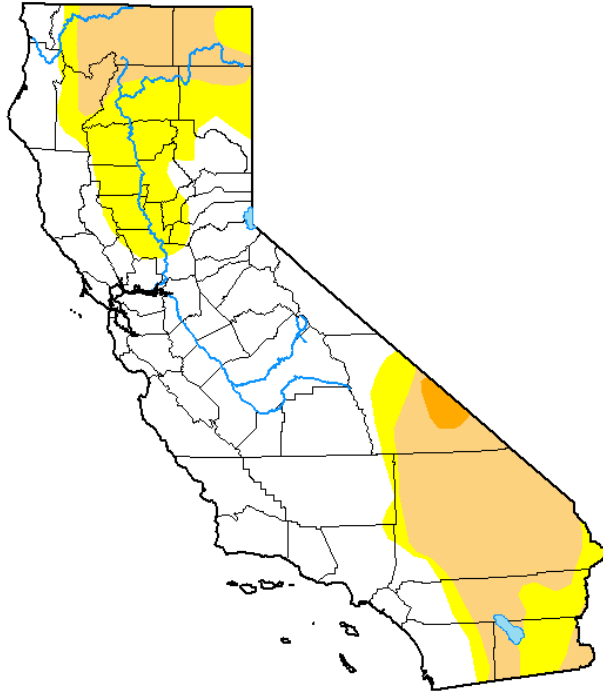
For the latest forecast updates, visit weather.gov/eureka.

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

April 4, 2023
(Released Thursday, Apr. 6, 2023)
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:

David Simeral
Western Regional Climate Center



droughtmonitor.unl.edu

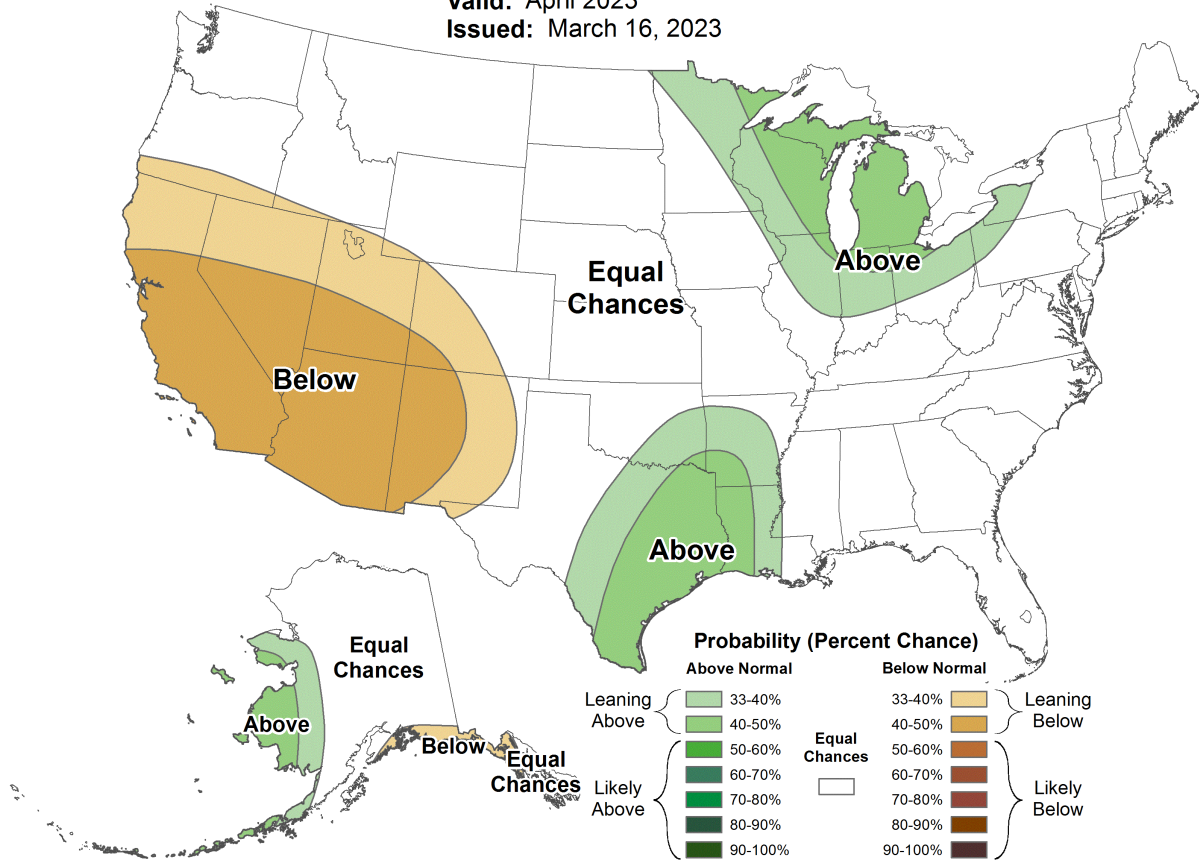
CA Drought Outlook



Monthly Precipitation Outlook



Valid: April 2023
Issued: March 16, 2023



Monthly Precipitation Outlook

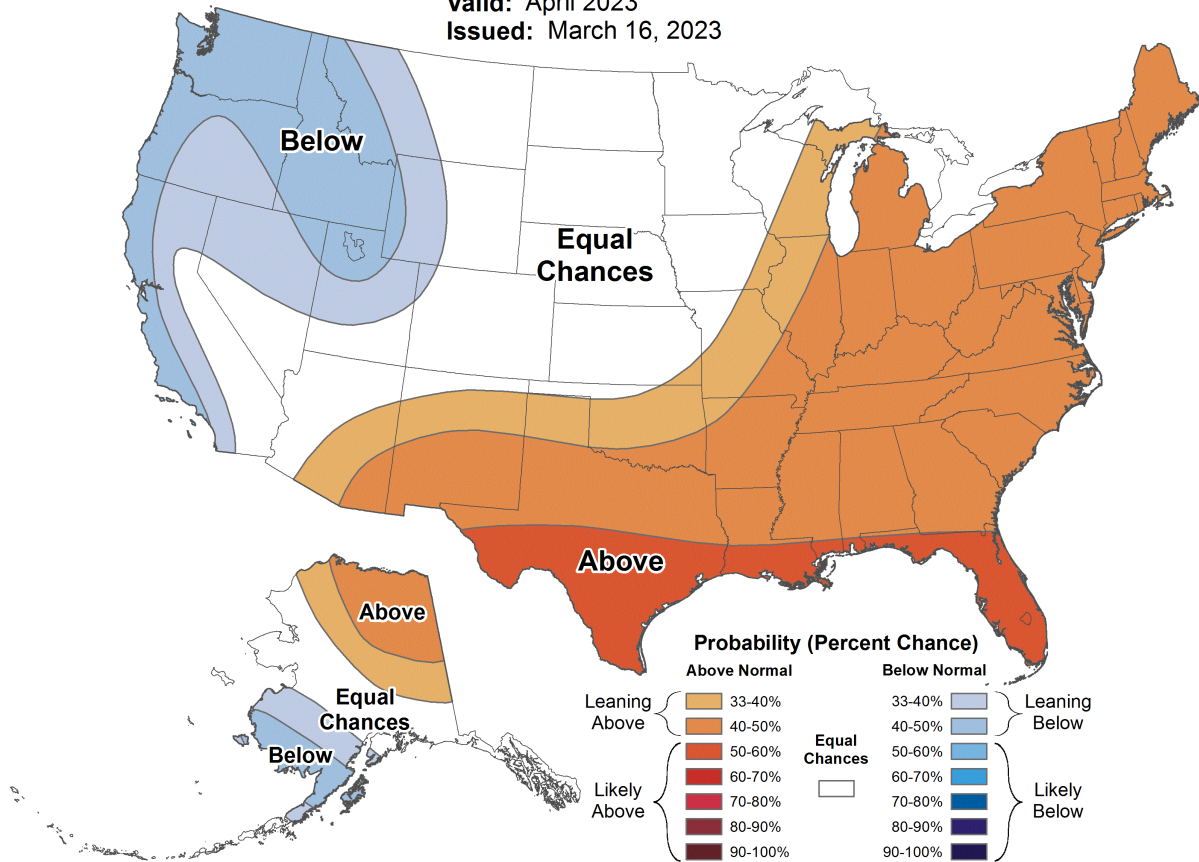


Monthly Temperature Outlook



Valid: April 2023

Issued: March 16, 2023



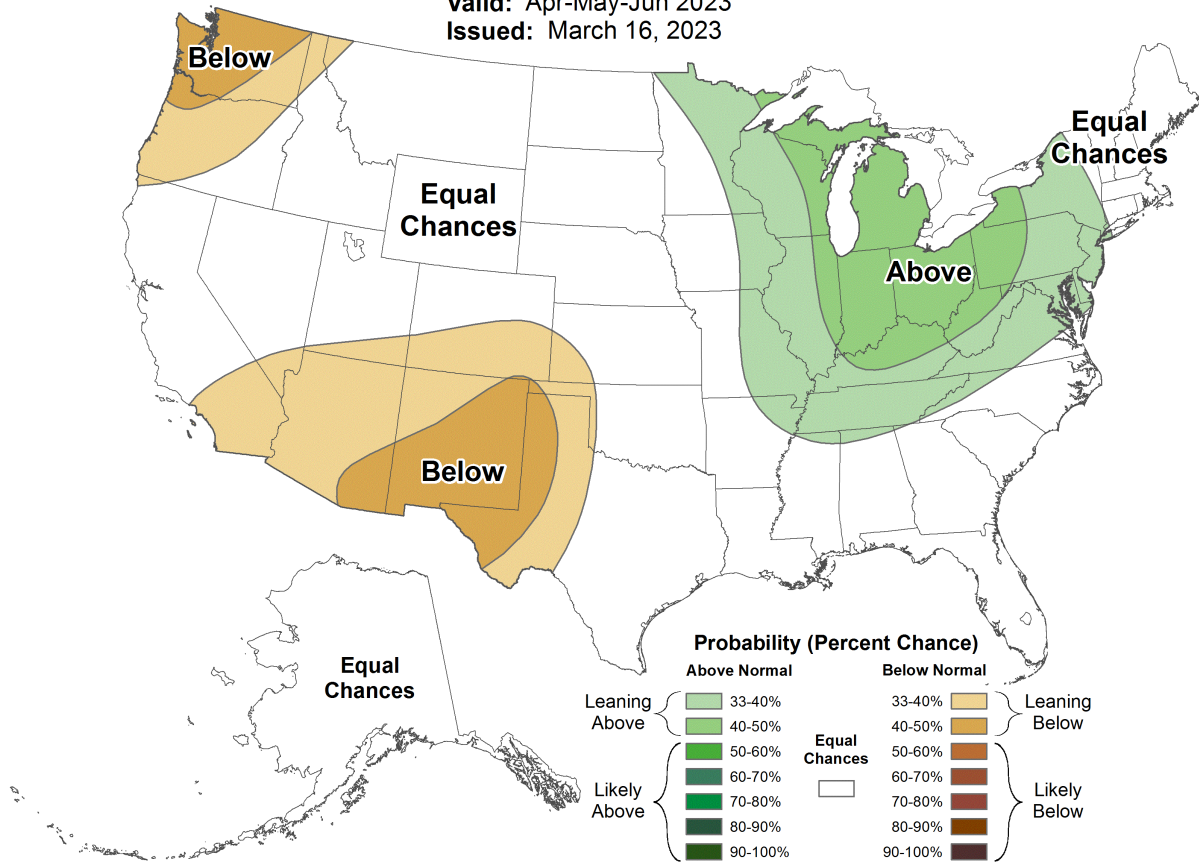
Monthly Temperature Outlook



Seasonal Precipitation Outlook



Valid: Apr-May-Jun 2023
Issued: March 16, 2023



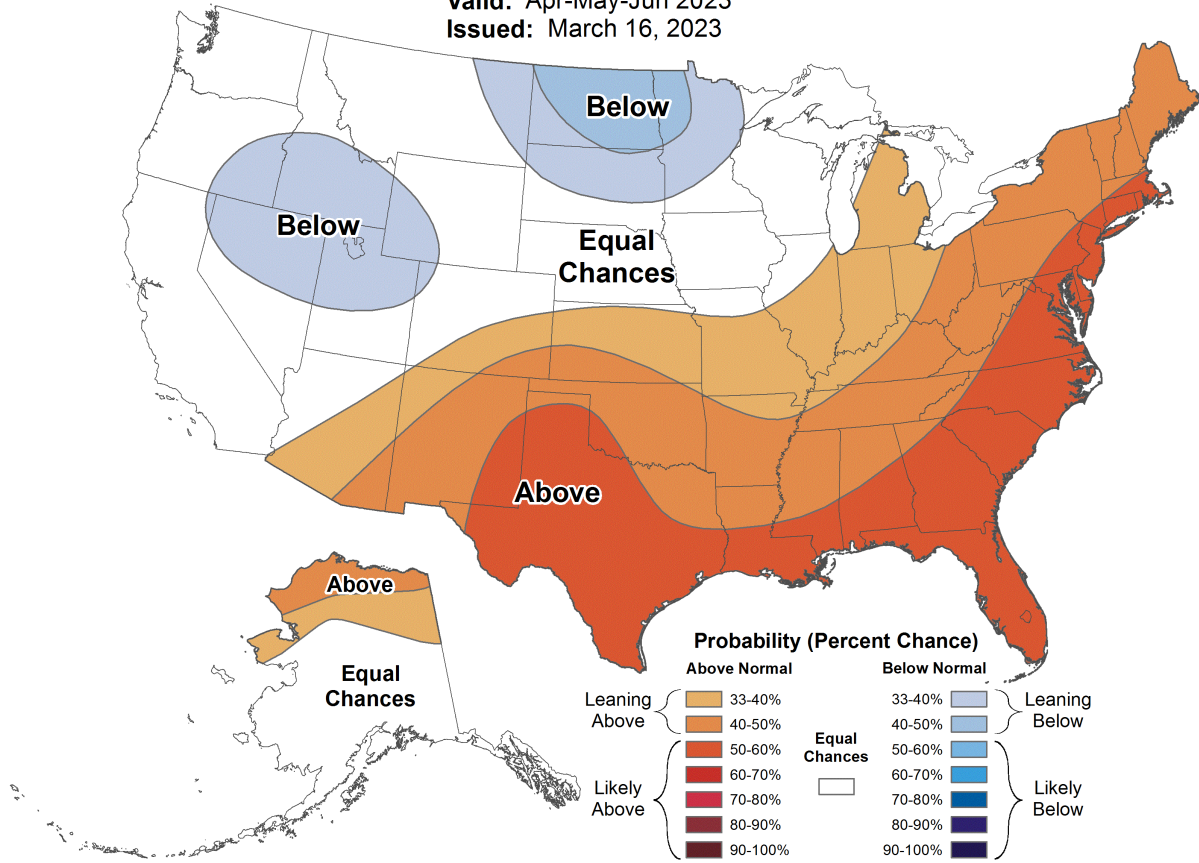
3 Month Precipitation +1 Months



Seasonal Temperature Outlook



Valid: Apr-May-Jun 2023
Issued: March 16, 2023



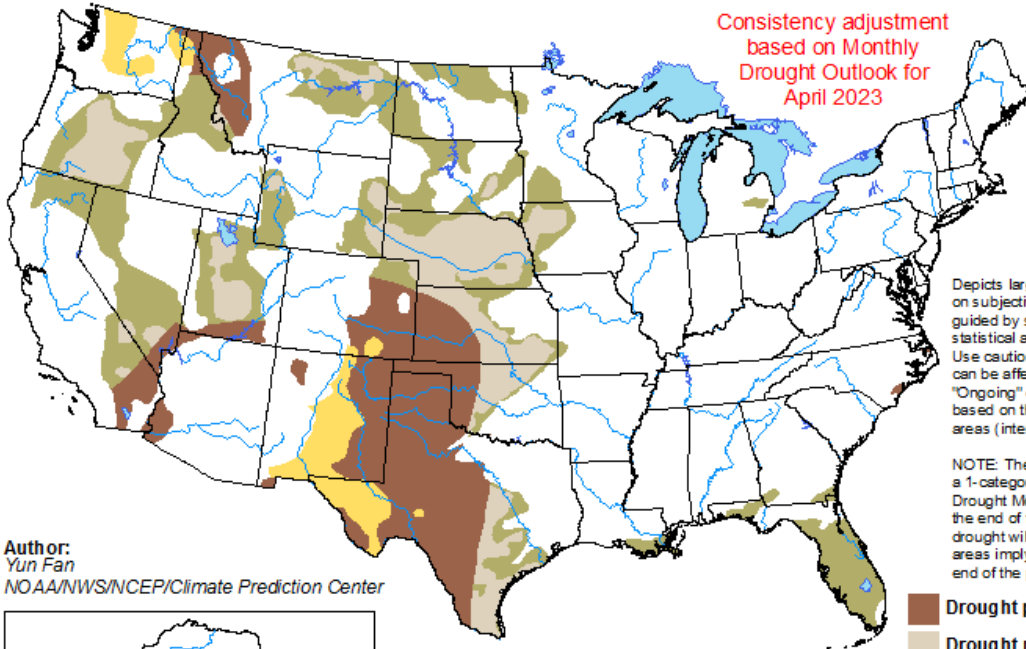
3 Month Temperature +1 Months

U.S. Seasonal Drought Outlook

Drought Tendency During the Valid Period

Valid for April 1 - June 30, 2023
Released March 31, 2023

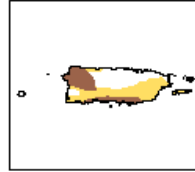
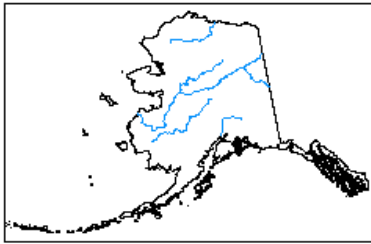
Consistency adjustment
based on Monthly
Drought Outlook for
April 2023







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:
Yun Fan
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