



WATER AND SEWER BOARD REGULAR MEETING

April 19, 2023 - 6:30 AM

1st Floor Conference Room, 301 Walnut Street, Windsor, CO 80550

AGENDA

A. CALL TO ORDER

1. Roll Call
2. Public Invited to be Heard

B. BOARD ACTION

1. Approval of March 8, 2023 minutes
2. Water Supply Index and Declaration of Adequate Water Year

C. COMMUNICATIONS

1. Ad Hoc Committee Update

D. ADJOURN

The Town of Windsor will make reasonable accommodations for access to Town services, programs, and activities and will make special communication arrangements for persons with disabilities. Please call (970) 674-2400 by noon on the Thursday prior to the meeting to make arrangements.



Water and Sewer Board Regular Meeting

March 8, 2023 - 6:30 AM

1st Floor Conference Room, 301 Walnut Street, Windsor, CO
80550

MINUTES

A. CALL TO ORDER

Board Chairman Bielawski called the meeting to order at 6:31 am

1. Roll Call

Present:

Chairman
Vice Chair
Secretary

Greg Bielawski
Carlos Medina
Janene Willey
Milt Tokunaga
Gale McGaha Miller
Milton Geiger (absent)
Darell Zimbelman

Alternate
Alternate
Town Board Liaison

Alan Overton
Alan MacGregor
Ron Steinbach

Also Present:

Water Resources
Administrator
Wastewater Plant Supervisor
UB Administrative Specialist
Consultant with Ally Utility

Leif Lesoing

Dennis Markham
Erin Porter
Chris Matkins

2. Review of Agenda by the Board and Addition of Items of New Business to the Agenda for Consideration

There were no new agenda items considered.

3. Public Invited to be Heard

There was no public comment.

4. Introduction of Town Board Liaison Ron Steinbach

B. BOARD ACTION

1. Approve 02.08.2023 Minutes

Board Member Zimbleman moved to approve the minutes from the 2.08.23 meeting with the change from the current comprehensive plan to an update to the comprehensive plan, Board Member McGaha Miller seconded the motion. Motion carried unanimously.

C. COMMUNICATIONS

1. Windsor Industrial Pretreatment - Chris Matkins, Ally Utility

Mr. Matkins introduced a proposed new program for managing industrial pretreatment flows into the WWTP. The EPA currently administrates Windsor's industrial pretreatment users, but

Mr. Markham would like to put a plan in place to handle future growth. Mr. Markham will work with Mr. Matkins over the next month to further develop the proposal and present it at the next month's meeting. He will then bring the proposal to the Town Board.

2. Ad Hoc Committee Update

Board Secretary Willey advised the new name for the committee is Citizens Education Committee on Water. Mr. Lesoing requested that the ad-hoc committee meeting date be moved to the week before the Water Sewer Board meeting and the committee agreed. Ms. Willey presented the current projects and events that the ad-hoc committee is working on.

D. ADJOURN

Board Member McGaha Miller moved to adjourn the meeting at 7:33 am, Board Vice-Chairman Medina seconded the motion. Motion carried unanimously.

Submitted by:

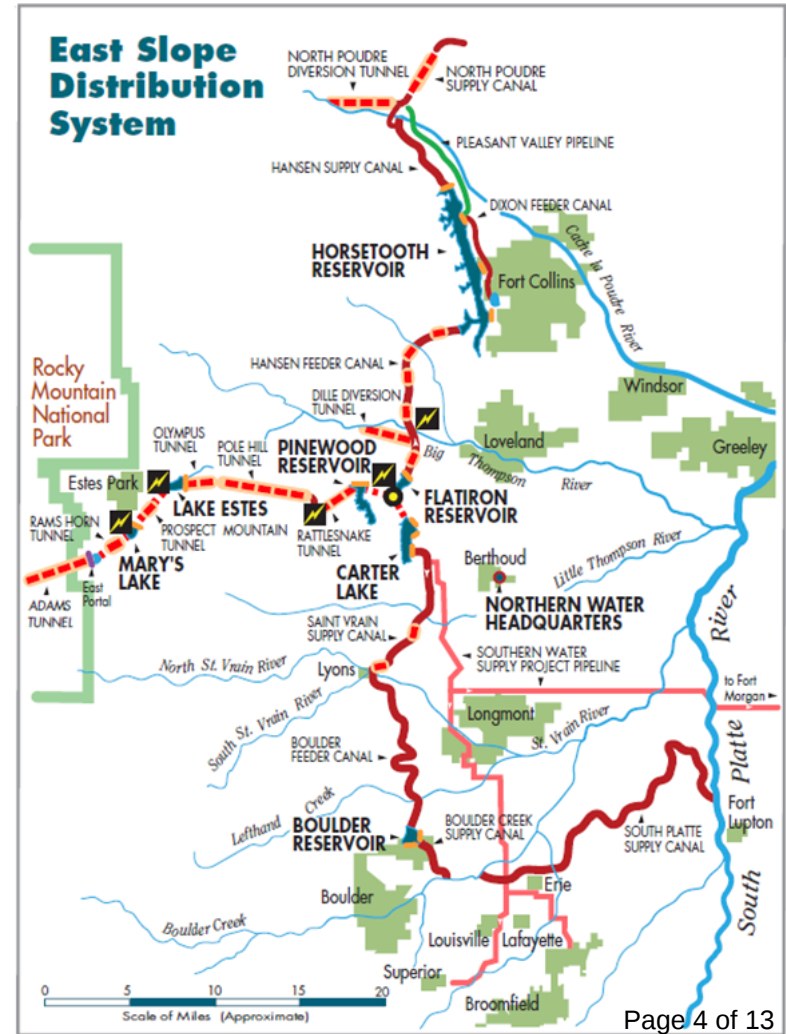
A handwritten signature in blue ink, appearing to read "Erin Porter".

Erin Porter, Utility Billing Administrative Specialist



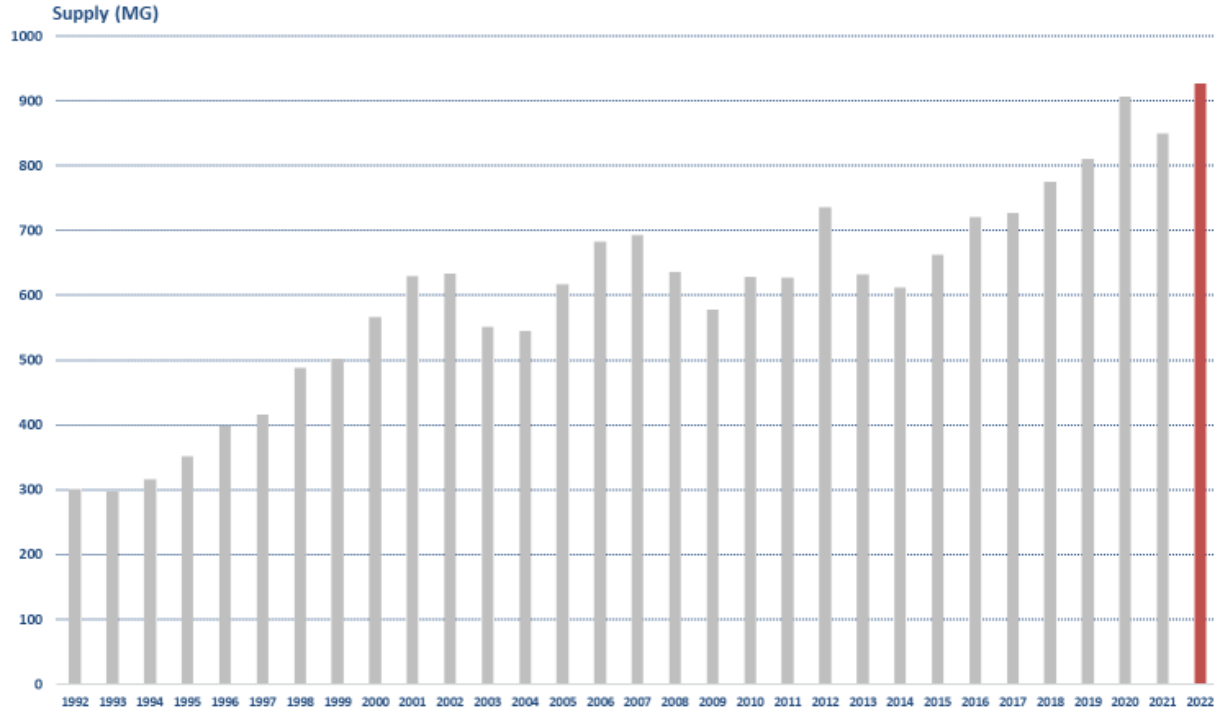
Water Supply Outlook

April 2023





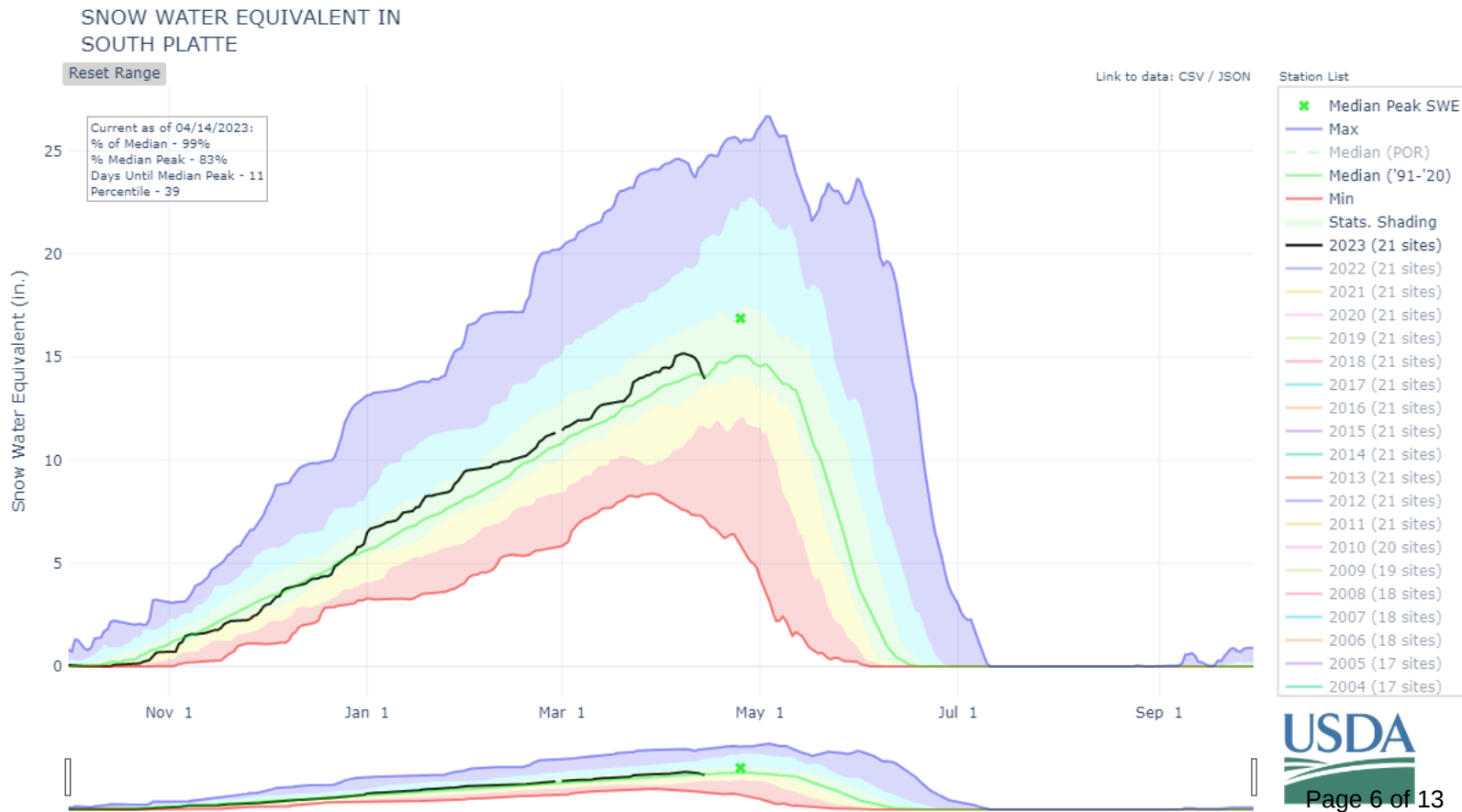
Annual Demand



- Greeley: 373 million gallons
- FCLWD: 113 million gallons
- NWCWD: 440 million gallons



South Platte Basin Snowpack (SWE)





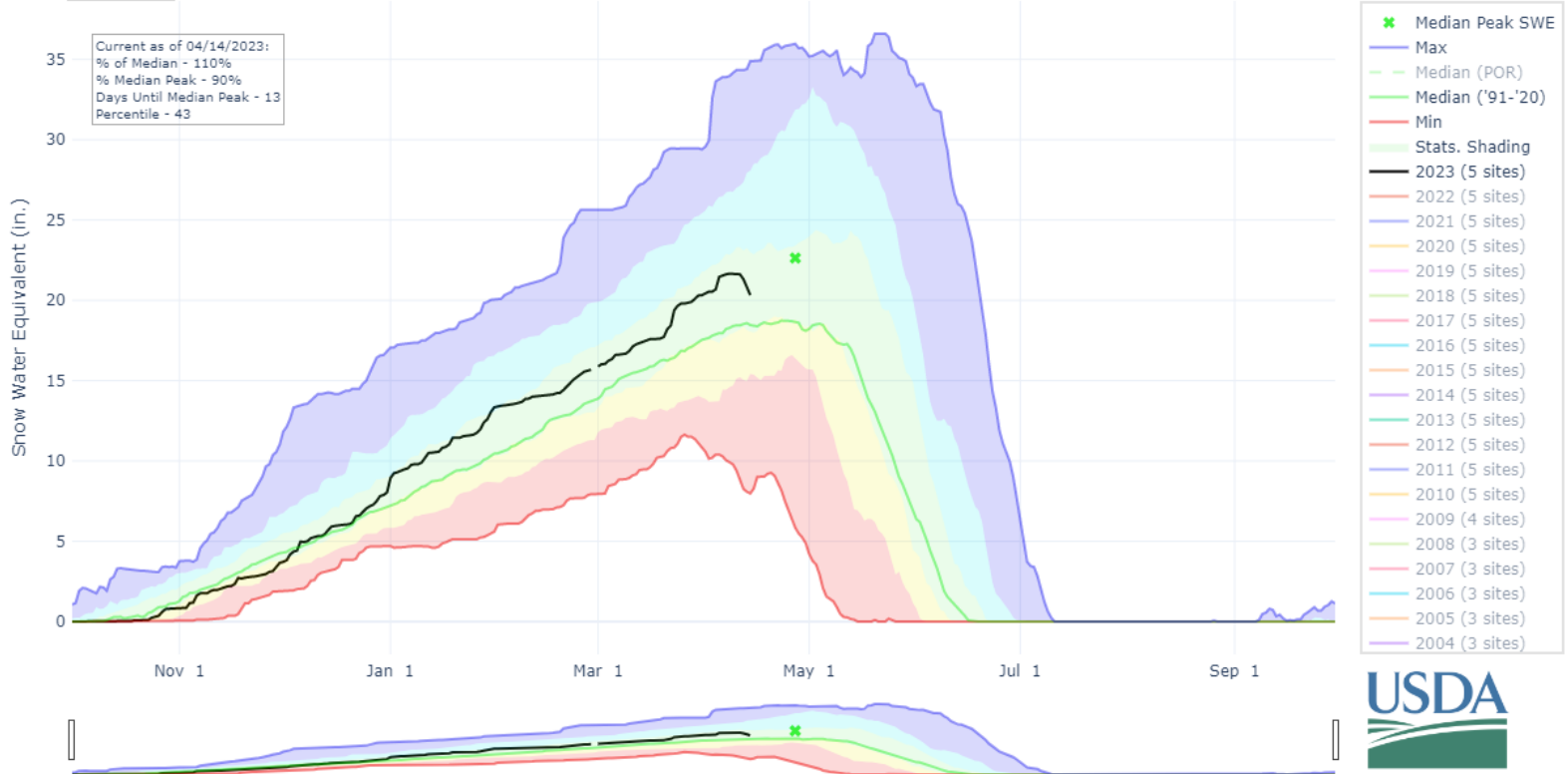
Cache la Poudre Snowpack (SWE)

SNOW WATER EQUIVALENT IN
CACHE LA POUDRE

Reset Range

[Link to data: CSV / JSON](#)

Station List





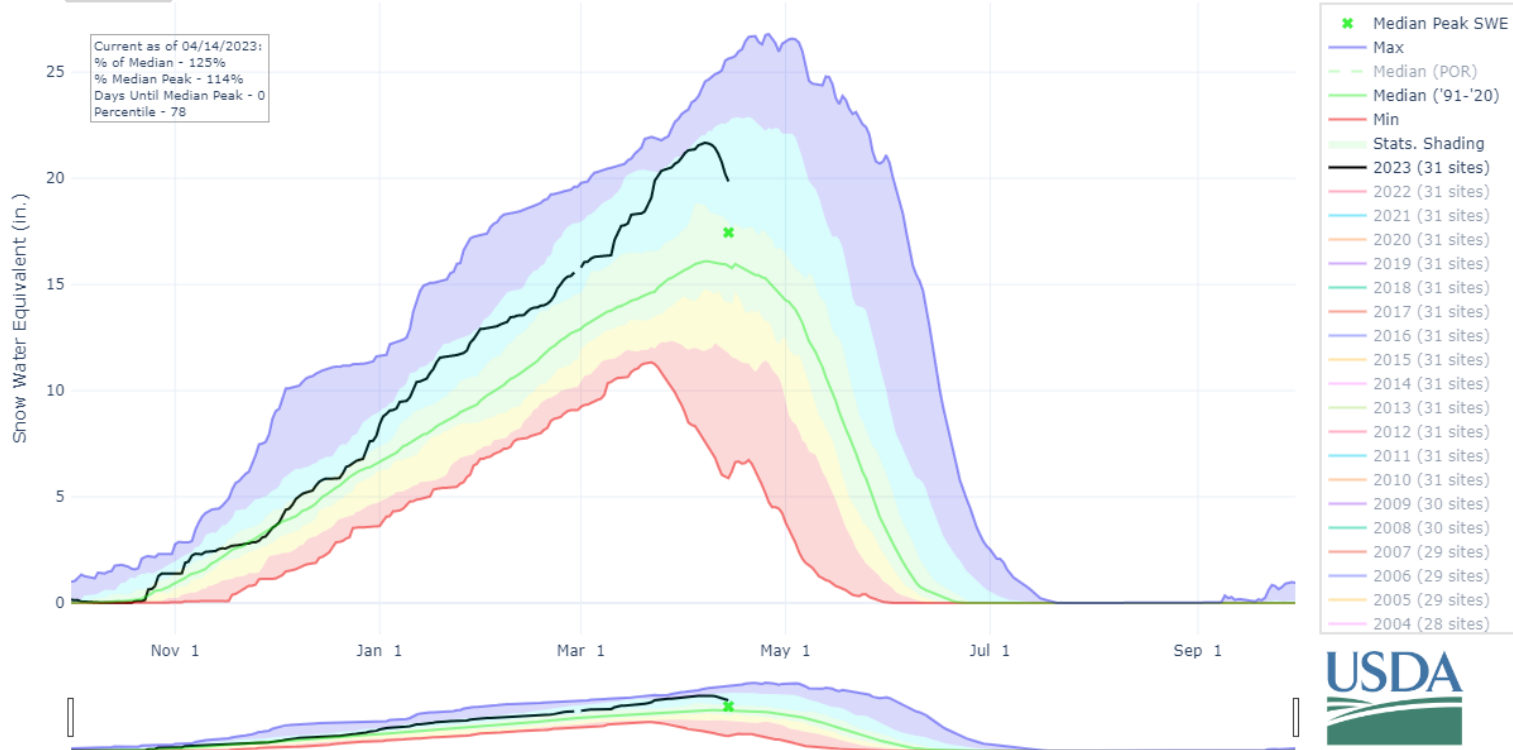
Colorado Basin Snowpack (SWE)

SNOW WATER EQUIVALENT IN
COLORADO HEADWATERS

Reset Range

[Link to data: CSV / JSON](#)

[Station List](#)



Three-Month Outlook

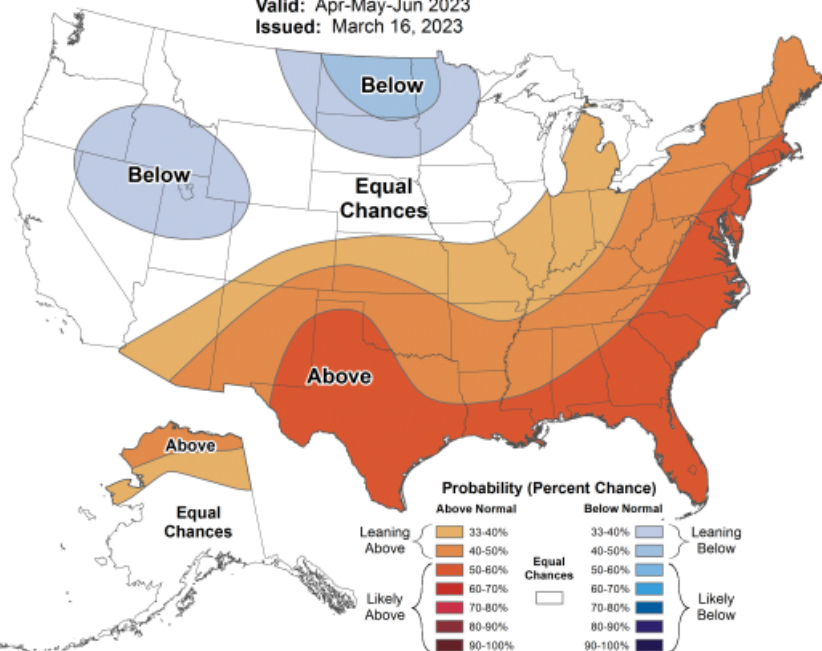


Seasonal Temperature Outlook



Valid: Apr-May-Jun 2023

Issued: March 16, 2023

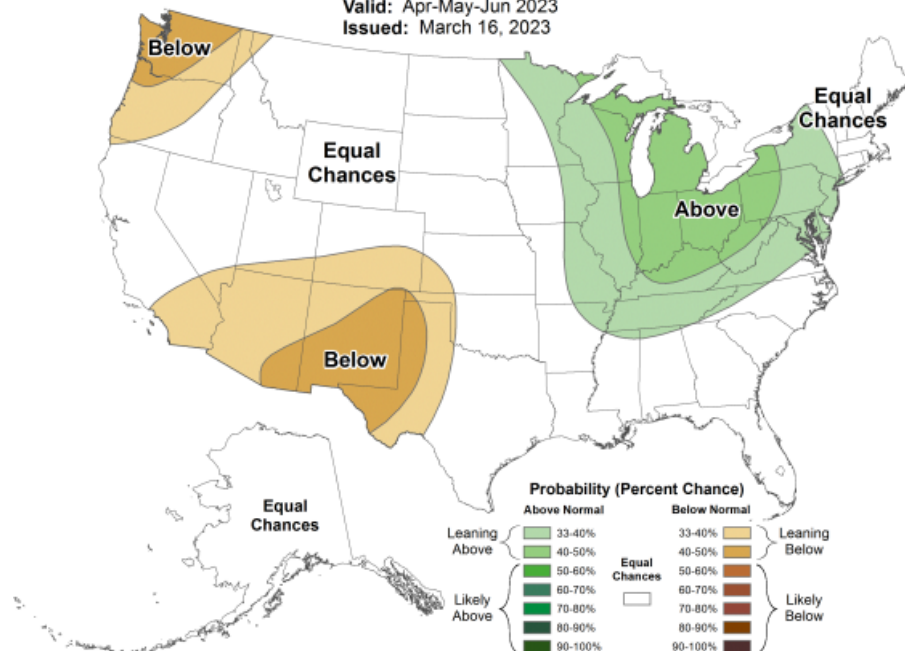


Seasonal Precipitation Outlook



Valid: Apr-May-Jun 2023

Issued: March 16, 2023



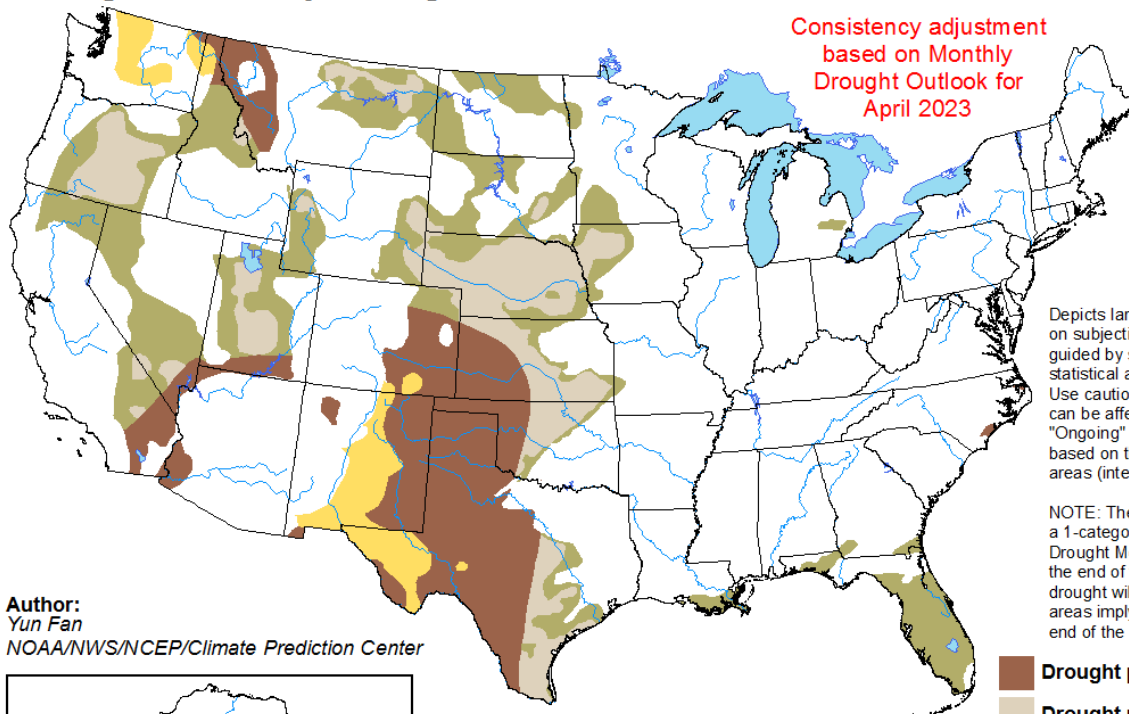


U.S. Seasonal Drought Outlook

Drought Tendency During the Valid Period

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

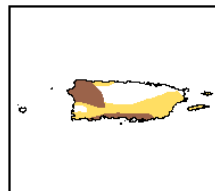
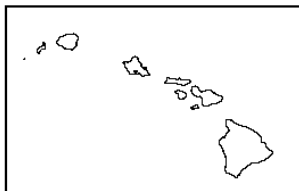
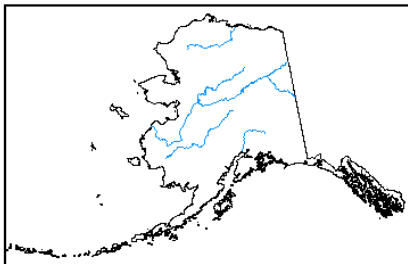
Consistency adjustment
based on Monthly
Drought Outlook for
April 2023



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>



2023 Projected Treatable Supply (70% quota)

Raw Water Supply

	Number of shares	Yield in 2023 (acre-feet)	
CBT variable quota (70%)	1,868	1,308	acre-feet
CBT fixed quota (70%)	2,101	1,471	
CBT carryover		794	
North Poudre Irrigation Co. CBT water	533.75	1,334	2.5
Total CBT available		<u>4,907</u>	acre-feet
NPIC CBT water rented and/or put into Kyger		400	
Carryover to 2024		794	
Available water before shrinkage		3,713	
Available water after 17.0% shrinkage		3,173	acre-feet
			1,035 million gallons



Water Supply Index (WSI)

$$WSI = \frac{\text{Supply}}{\text{Demand}} = \frac{((\text{CBT quota} * \text{No. of CBT Units}) + (\text{Firm yield of other supplies}))}{\text{Demand} * \text{Shrink Factor} + \text{carryover into next year}}$$

$$WSI = \frac{(0.7 \text{ CBT quota} * 3,969 \text{ units CBT}) + 1,334 \text{ acre} - \text{feet NPIC} + 794 \text{ acre} - \text{feet of previous year carryover}}{2,850 \text{ acre} - \text{feet Demand} + 126\% + 400 \text{ acre} - \text{feet to Kyger} + 794 \text{ acre} - \text{feet carryover into next year}}$$

$$WSI = \frac{2,778 + 1,334 + 794 \text{ acre} - \text{feet supply}}{3,591 \text{ acre} - \text{feet of demand} + 400 \text{ acre} - \text{feet to Kyger} + 794 \text{ acre} - \text{feet carryover into next year}}$$

$$WSI = \frac{4,906 \text{ acre} - \text{feet supply}}{4,785 \text{ acre} - \text{feet of demand}}$$

$$WSI = 102\%$$

Level 0 Adequate Water Year. No drought restrictions

Questions?
