

CASTLE ROCK WATER

# WATER QUALITY MAINTENANCE UPDATE

APRIL 21, 2026



# WQ MAINTENANCE

## TRANSITION BACK TO MONOCHLORAMINES

- CRW has used chloramines since 2013 and had not completed a system-wide free chlorine conversion during that time.
- Over time, all water systems develop harmless biofilm in pipes and storage, which can reduce disinfectant effectiveness if not periodically addressed.
- In early February 2026, CRW temporarily converted to free chlorine to clean the system. This process was successful, maintaining stable disinfectant levels throughout.
- The final step is returning to monochloramines, which provide longer-lasting disinfection, improve taste and odor, and reduce regulated byproducts.

# WQ MAINTENANCE

## TIMELINE AND EXPECTATIONS

### Conversion Timeline:

- Week of May 11, 2026 – Begin systemwide conversion back to monochloramines.
  - Coordinated with irrigation season to reduce hydrant flushing.
  - Tank levels lowered through customer demand to minimize water waste.
  - Flushing directed to storm system where possible for downstream reuse.
  - Targeted completion by May 15<sup>th</sup>.
- Week of May 18, 2026 – Spot checks and flushing of dead-end lines.

# WQ MAINTENANCE

## TIMELINE AND EXPECTATIONS

What customers can expect:

- Temporary changes in taste and odor may occur.
- Water remains safe to drinking, cleaning, and cooking.
- Special users (dialysis, aquariums, breweries) should ensure proper filtration.
- Customers in The Ridge at Crystal Valley (tan zone) will transition to CRW's Bell Mountain Ranch system on April 21<sup>st</sup> and will remain on free chlorine.
- Report any water quality concerns to CRW.



# WQ MAINTENANCE

## CUSTOMER OUTREACH

### Notification:

- Critical customers (such as dialysis clinics, hospitals, and pet stores) were notified by phone and mail the week of April 13<sup>th</sup>.
- Customers located in The Ridge at Crystal Valley Ranch were notified the week of April 13<sup>th</sup> of the transition to CRW's Bell Mountain Ranch system.
- Customer notifications will begin weekly on April 22<sup>nd</sup> through email, news releases, and social media pages leading up to May 11<sup>th</sup>.
- CRW's website will be updated with a news alert banner and FAQs page.

# APRIL 21 DROUGHT & WATER CONDITIONS UPDATE

# COLORADO DROUGHT UPDATE

## DOUGLAS COUNTY DROUGHT

D0 (ABNORMALLY DRY): 100%

D1 (MODERATE DROUGHT): 100%

D2 (SEVERE DROUGHT): 91.49%

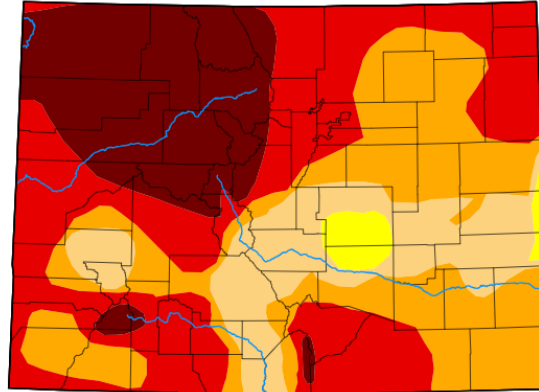
D3 (EXTREME DROUGHT): 20.27%

## CURRENT DROUGHT RESTRICTIONS (DENVER METRO & NORTHERN COLORADO)

- MANDATORY RESTRICTIONS: AURORA, ARVAD/ BRIGHTON, DENVER, EDGEWATER, GOLDEN, NORTHGLENN, THORNTON, WOODLAND PARK
- VOLUNTARY RESTRICTIONS: BROOMFIELD, BOULDER, ERIE, EVERGREEN, LONGMONT

SOURCE: COLORADO PUBLIC RADIO

## Colorado



Map released: Thurs. April 16, 2026

Data valid: April 14, 2026 at 8 a.m. EDT

### Intensity

- None
- D0 (Abnormally Dry)
- D1 (Moderate Drought)
- D2 (Severe Drought)
- D3 (Extreme Drought)
- D4 (Exceptional Drought)
- No Data

### Authors

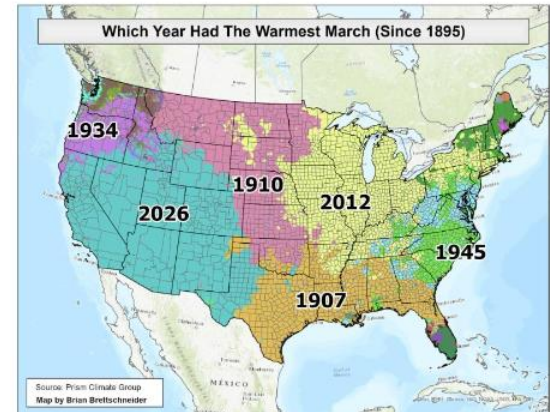
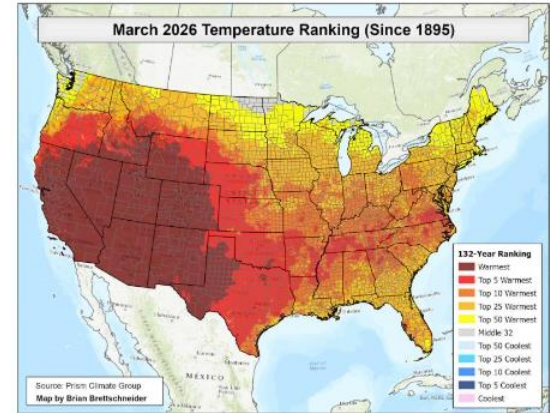
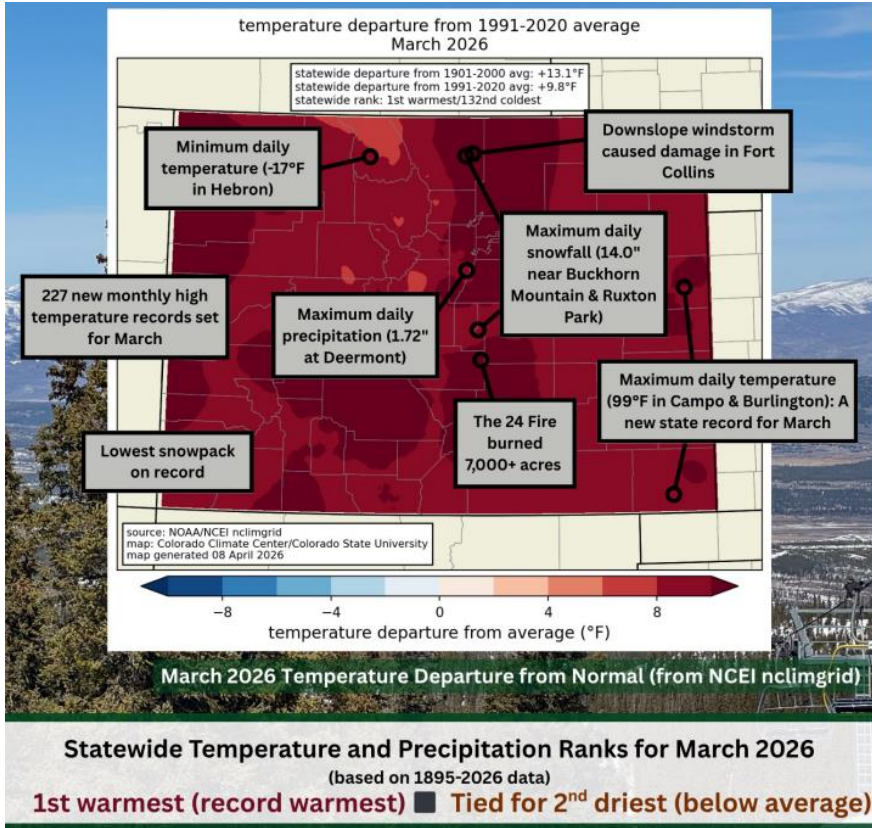
United States and Puerto Rico Author(s):

[Brian Fuchs](#), National Drought Mitigation Center

Pacific Islands and Virgin Islands Author(s):

[Richard Tinker](#), NOAA/NWS/NCEP/CPC

# MARCH SUMMARY



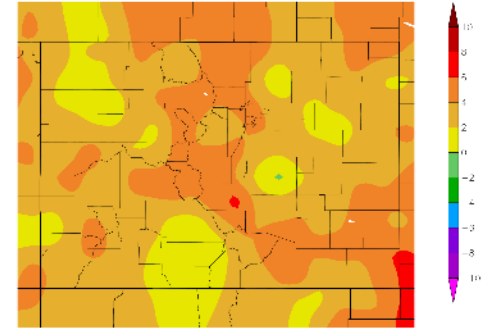
# CURRENT CONDITIONS

SNOW WATER EQUIVALENT IN COLORADO CONTINUES TO BE HISTORICALLY LOW.

APRIL 25TH IS MEDIAN DATE FOR PEAK SNOW WATER EQUIVALENT IN SOUTH PLATTE

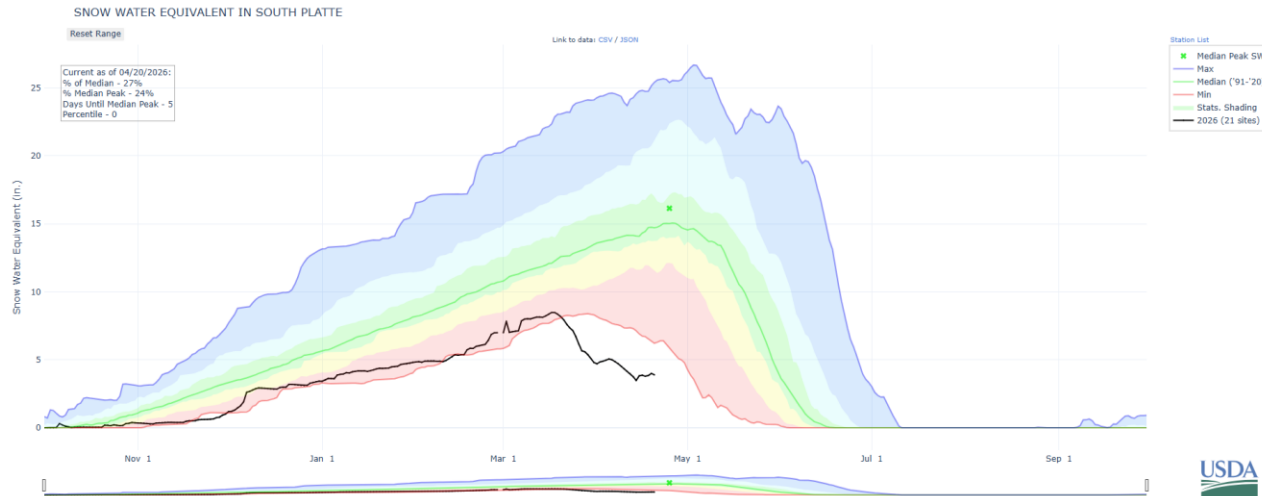
SOUTH PLATTE RESERVOIR STORAGE WAS AT 90% CAPACITY AS OF APRIL 1ST

Departure from Normal Temperature (F)  
4/1/2026 - 4/19/2026



Generated 4/19/2026 using web link: d-LL

AGU Web Services

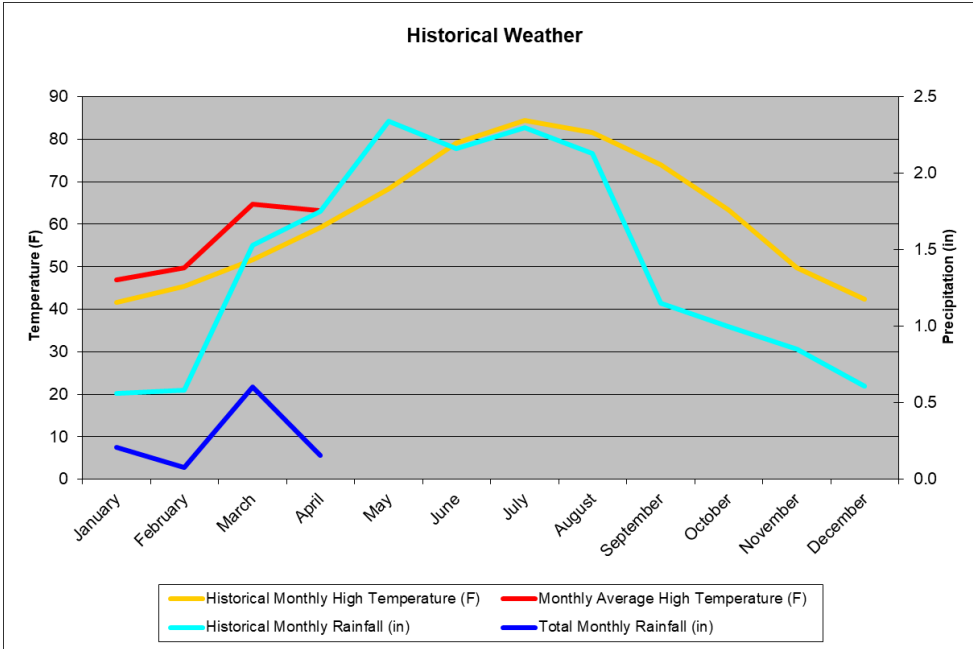


# CURRENT CONDITIONS (CASTLE ROCK)

Storage	AF	% Full
CRR-1 & CRR-2	1,194	87%
Walker Reservoir	93	62%
Chatfield Reservoir	1,672	84%
Reuter-Hess Reservoir	525	7%

10-Day WSI	3.92
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Tanks	
Percent Full	82%



East Plum CR Abv Haskins Gulch NR Castle Rock, CO - USGS-06708800 [Subscribe to WaterAlert](#)

March 21, 2026 - April 20, 2026

Discharge, cubic feet per second

4.56 ft<sup>3</sup>/s - Apr 20, 2026 08:45:00 AM MDT

5.66 ft<sup>3</sup>/s - Apr 01, 2026 01:01:30 PM MDT

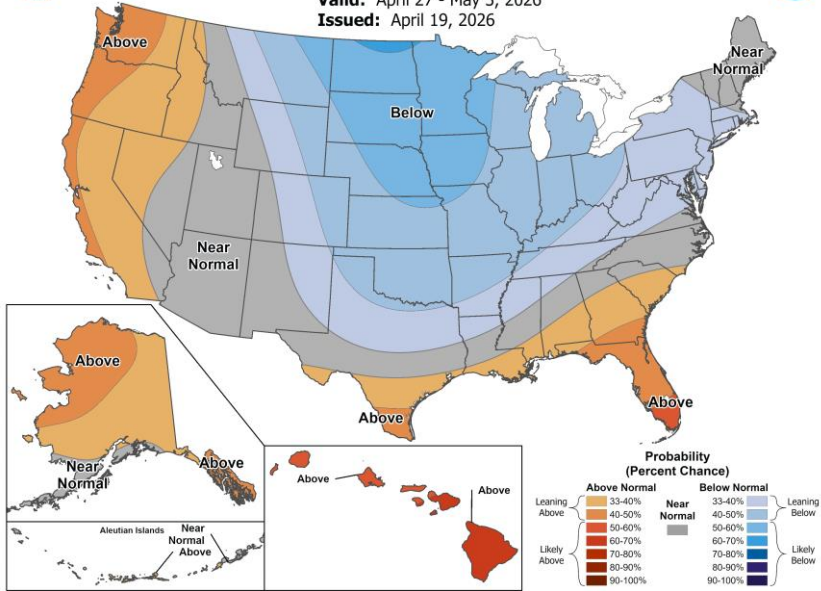


# FORECASTED CONDITIONS



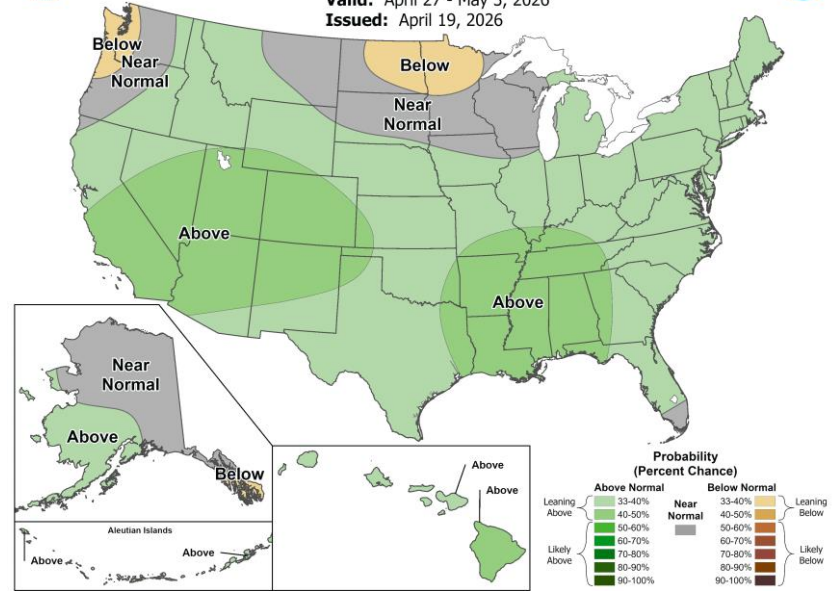
## 8-14 Day Temperature Outlook

**Valid:** April 27 - May 3, 2026  
**Issued:** April 19, 2026



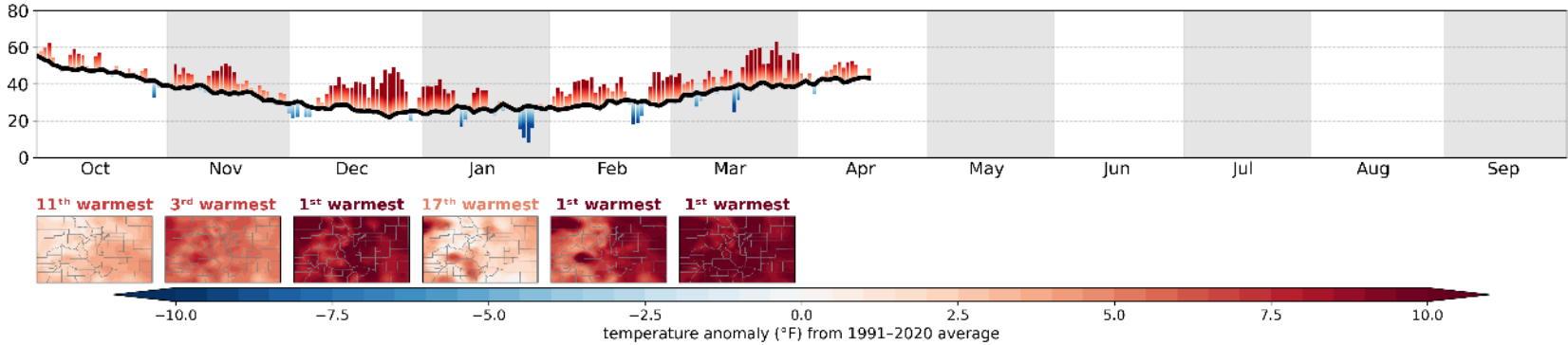
## 8-14 Day Precipitation Outlook

**Valid:** April 27 - May 3, 2026  
**Issued:** April 19, 2026

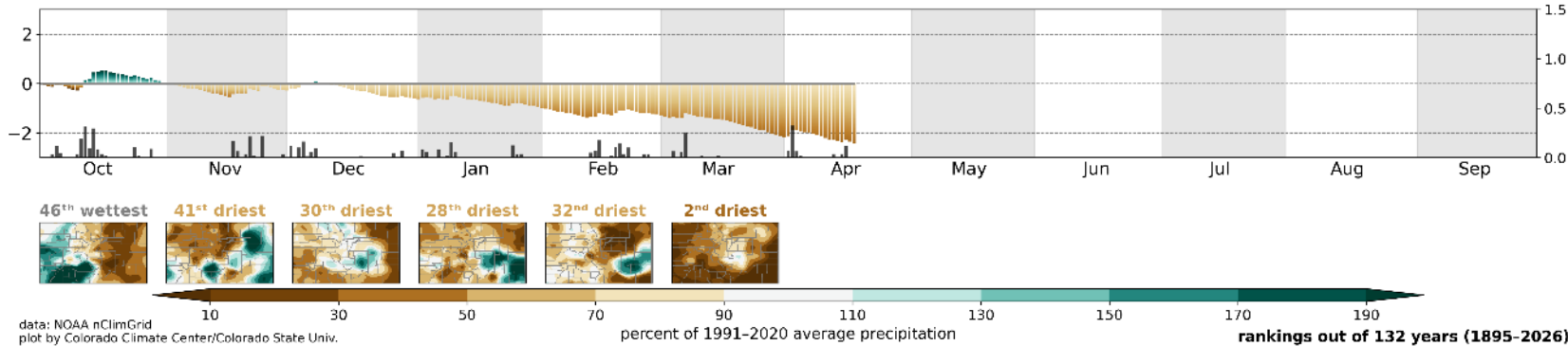


# WATER YEAR SUMMARY TO DATE

Colorado Water Year 2026 temperatures (°F) compared to 1991–2020 average



Colorado Water Year 2026 accumulated precipitation (inches) compared to 1991–2020 average; daily precipitation (black bars, right axis)



data: NOAA nClimGrid  
plot by Colorado Climate Center/Colorado State Univ.

# WATER EFFICIENCY REBATES (YEAR TO DATE)

Running Totals	Residential ColoradoScape	Non-Residential ColoradoScape	Toilets	Rotary Nozzles	2026 Totals
# Application Received	136	13	4	3	156
Square Feet Removed	103,753	112,344	-	-	216,097
Square Feet Rebated	1,553	-	-	-	1,553
Funds Committed	\$311,382.00	\$294,323.25	\$900.00	\$30.00	\$606,635.25
Funds Rebated	\$5,047.25	\$0.00	\$450.00	\$0.00	\$5,497.25

<b>Budget</b>	<b>\$750,000</b>
% Committed	81% (\$612,132.50)
% Rebated	0.7% (\$450)

# QUESTIONS?