

UTILITIES QUARTERLY REPORT

Review of Q1 2024

LYNN R. MORGAN WATER TREATMENT FACILITY (WTF)

Average Flow Million Gallons per Day (MGD):

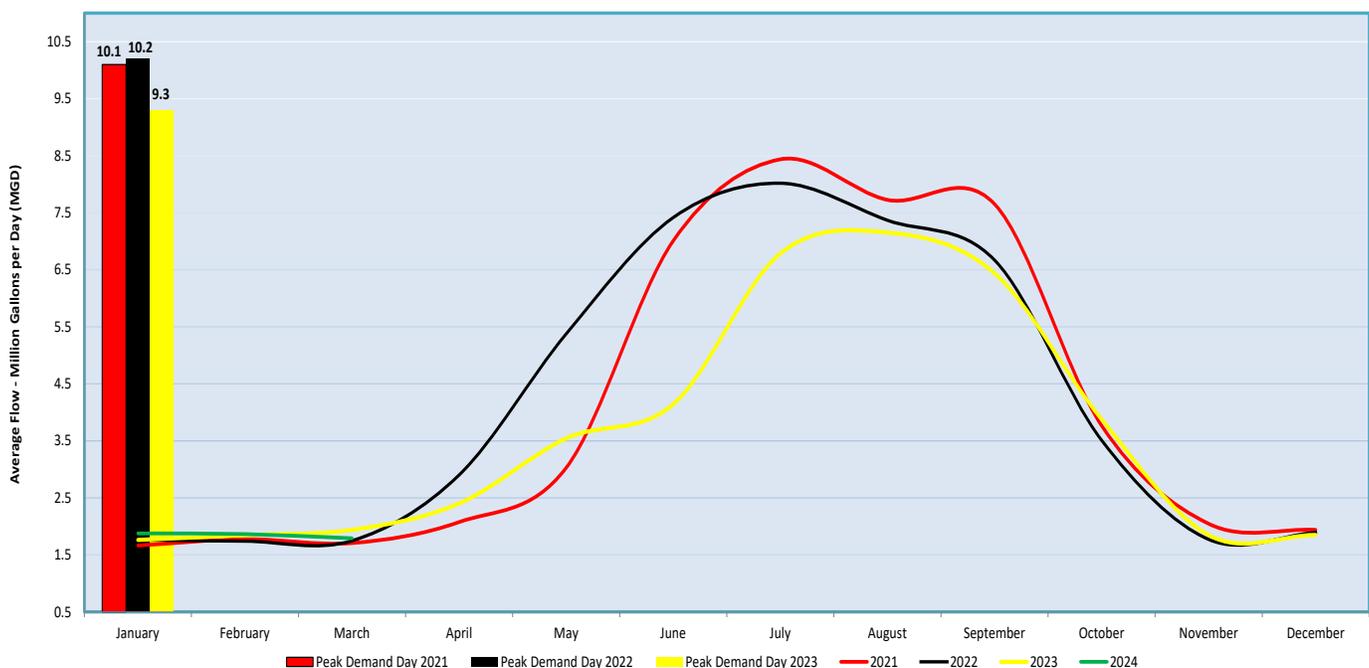
2021 – 4.3 MGD | 2022 – 4.2 MGD | 2023 – 3.6 MGD

The first quarter of 2024 could be considered average for flows at the WTF. In comparison, July 2021 set the record for the peak daily production at 10.2 MG. February 2020 had the lowest monthly demand at 1.49 MG. As new development comes online with water saving features and smaller landscaped areas, combined with the Town’s strong tier pricing and conservation messaging; we are seeing water demands reacting appropriately.

What Does this Tell Us?

Overall water demands are pretty flat in the winter over the period of record and weather based in the summer irrigation period. This tells us that while our population growth is rapid, new water saving fixtures and appliances and smaller turf areas are helping temper water demands. We will continue to help residents manage their water use with incentives, smart meters and conservation programs.

Average Monthly Production



MONTHLY WEATHER DATA FOR BOULDER

National Oceanic and Atmospheric Administration (NOAA) & Natural Resource Conservation Service (NRCS)

NOAA is predicting below normal precipitation and above normal temperatures in the irrigation season of 2024. This year's high precipitation is on display in the graph below. The Colorado River Basin Snow Water Equivalent (SWE) maps showing SWE looking slightly above average (107%). We show this basin as it is where the majority of our source water comes from, and the amount of water in the snow determines water availability overall in the irrigation season.

HIGHLIGHTS

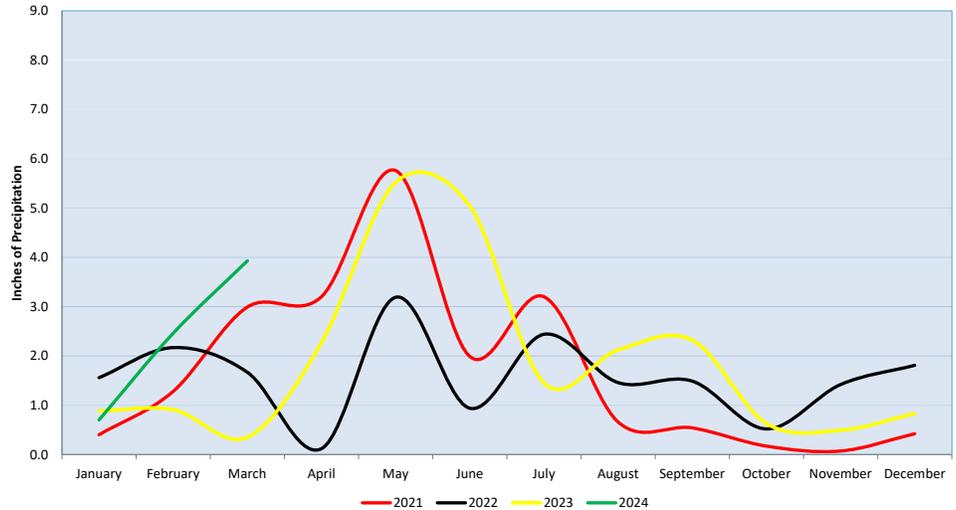
The \$30 million NWRP Expansion moved to warranty status.

We are close to 15% designs on the North Water Treatment Facility.

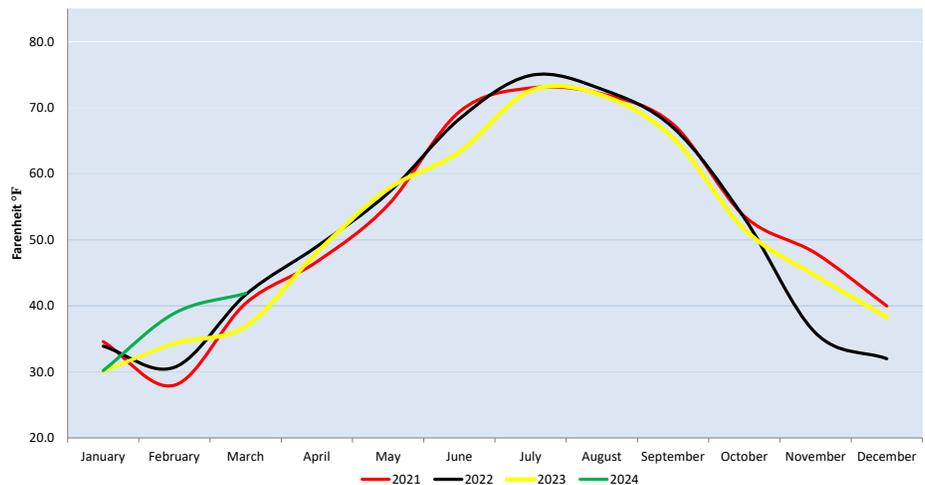
We completed the NISP Conveyance Study with HDR Engineering and have a plan for extending the pipeline from near I-25 and Firestone to Erie. This was a cooperative effort with Left Hand Water and City of Lafayette.

We received a \$50K grant to develop water-saving landscape standards and already had a kick-off meeting.

Precipitation



Mean Temperature



What Does this Tell Us?

Precipitation and temperature are the two most significant factors in irrigation season water demands. Tracking these demands over time helps us track demand patterns and also see factors that may influence demands and timing in water supplies and wastewater I&I.

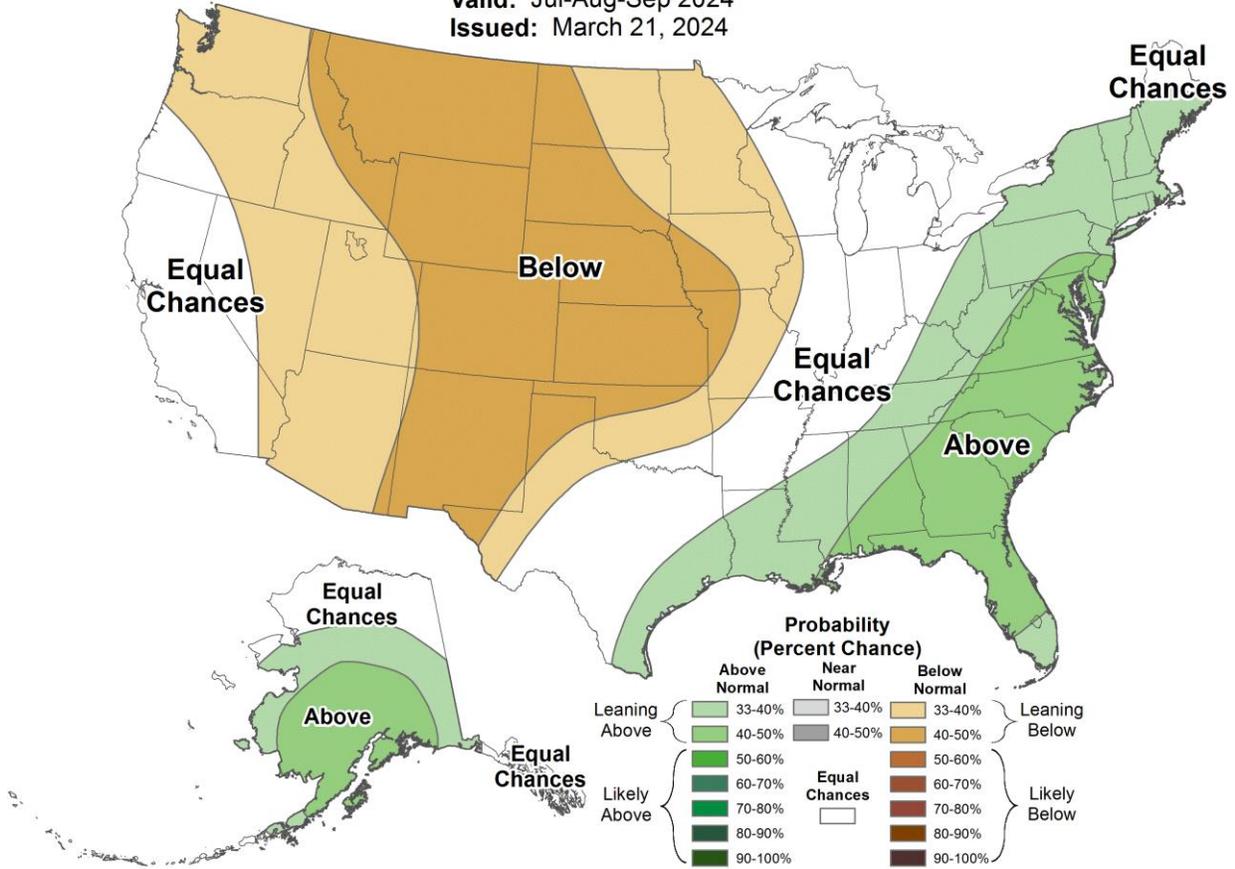


Seasonal Precipitation Outlook



Valid: Jul-Aug-Sep 2024

Issued: March 21, 2024

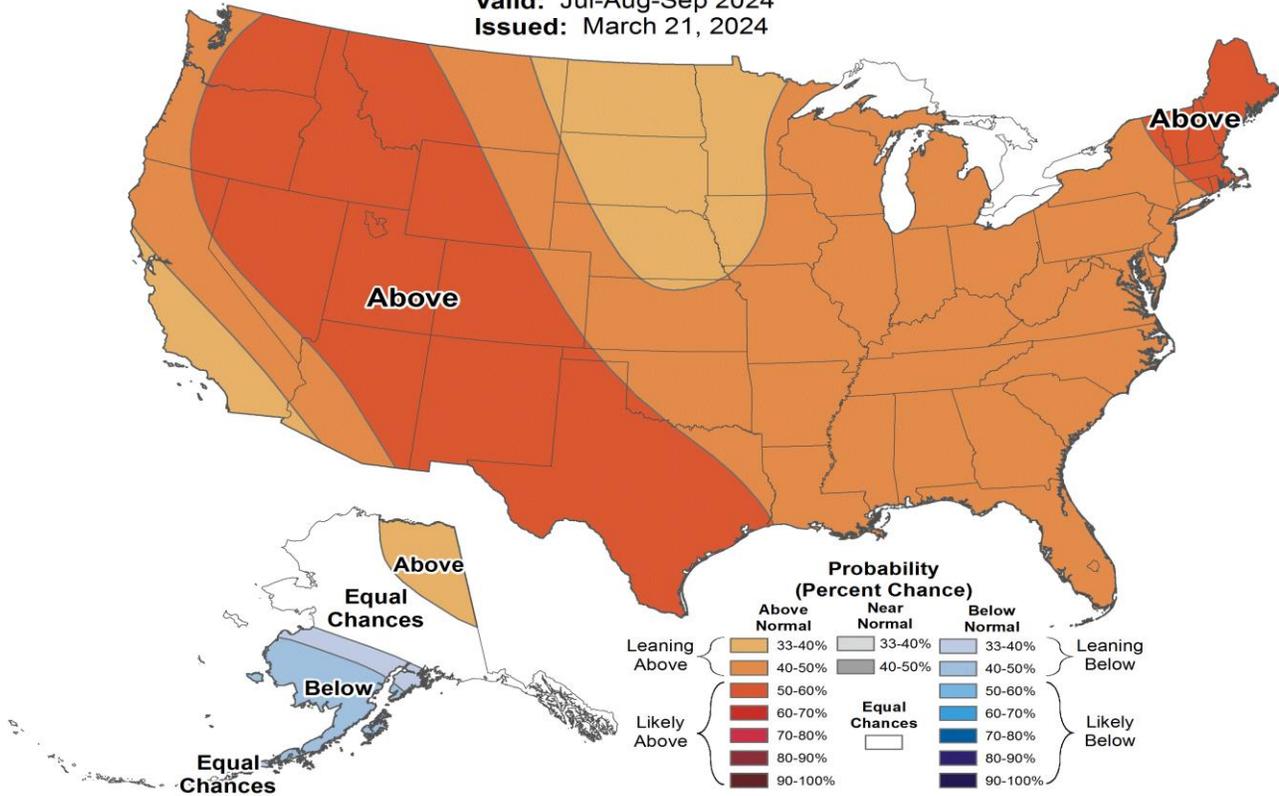


Seasonal Temperature Outlook



Valid: Jul-Aug-Sep 2024

Issued: March 21, 2024



Snow Water Equivalent (SWE)

SNOW WATER EQUIVALENT IN COLORADO HEADWATERS

