

Drought Resiliency for Jefferson County Agriculture (“Ag Drought Group”)

Meeting #7 = Prioritize tools; agree on activities to move forward

Monday, May 1, 2023; 1-3pm

Madras Airport: 2028 NW Berg Dr, Madras

video = <https://meet.goto.com/762837237>

phone = 872-240-3212

Access Code: 762-837-237

Vision: Jefferson County agriculture will thrive by adapting successfully to drought, and will support its people, animals, economy, environment, and culture.

Group Mission: to help agriculture create a sustainable, livable future for Jefferson County by adapting successfully to drought with support from Deschutes Basin stakeholders. We promote innovative solutions to proactively improve watershed health and increase the effective management of water.

12:45 pm Arrive early to look at matrix if you haven’t reviewed the emailed version

1:00 Welcome and Introductions

1:10 More Data (see end of agenda)

1:20 Improved Matrix (attached). It doesn’t have to be perfect, just ‘good enough’.

- Review changes to a few tools (yellow highlighted cells)
- Review new columns and ratings (Columns R through AB)
- Resolve any heartburn over any ratings
- Agree on general priorities

1:40 How to move forward on each priority tool

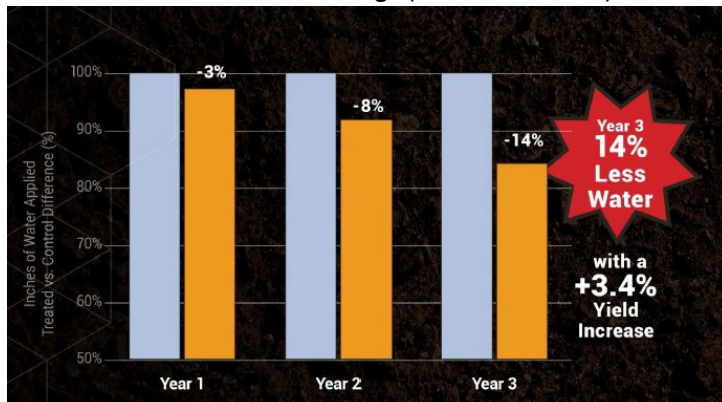
2:50 Next steps

- Ellen is drafting a document; how to review it?
- how to keep moving forward as an advisory group

Next Meeting = June 5, 1-3pm at Public Health Building ????

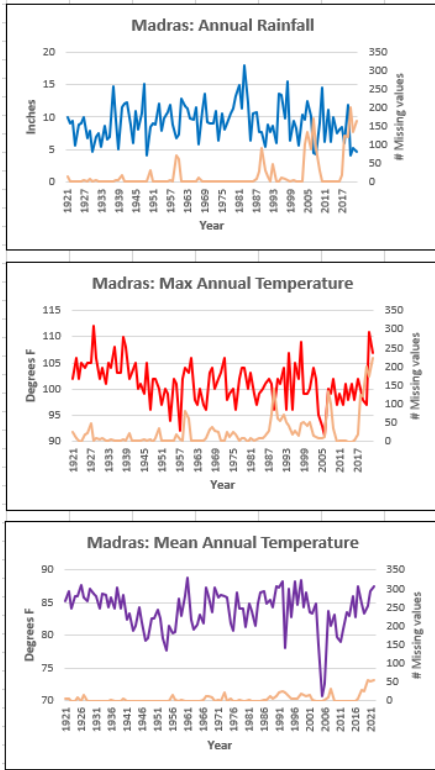
DATA

A. Humic Acid reduces water usage (data from Helena)

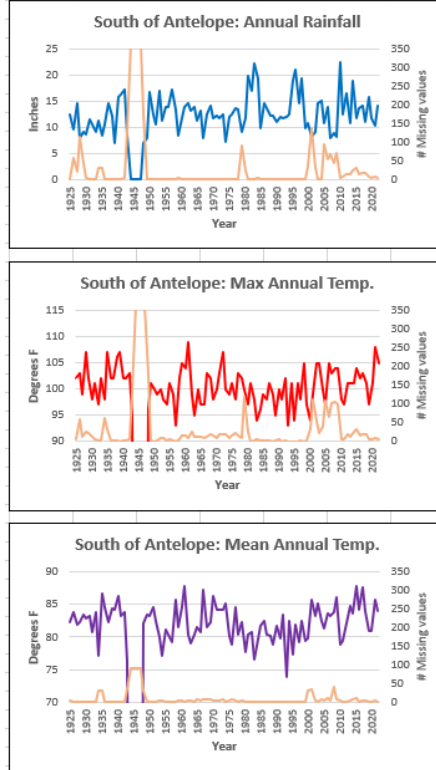


B. Historical Climate Data from OSU State Climatologist (rainfall/temperature and missing values)

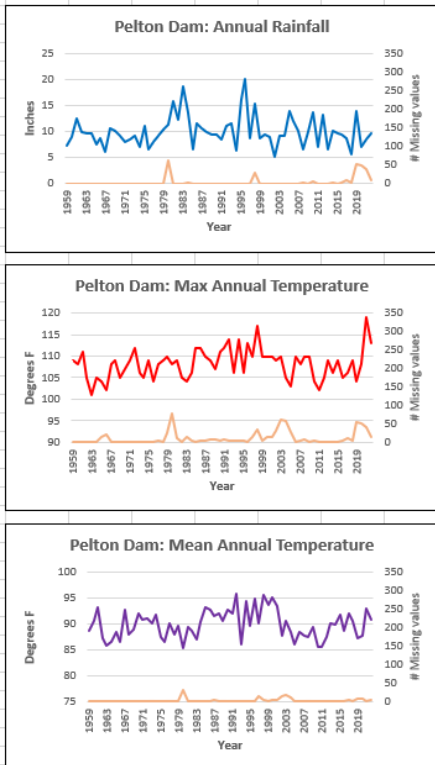
1. Madras (1921 – 2022)



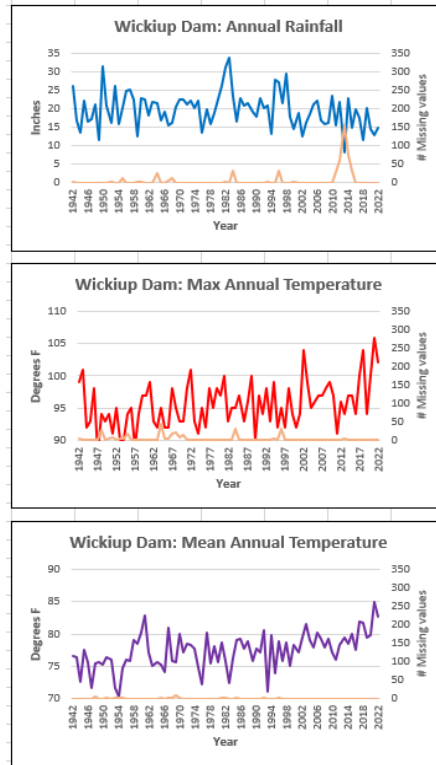
2. Antelope (1925 - 2022)



3. Pelton Dam (1959 – 2022)

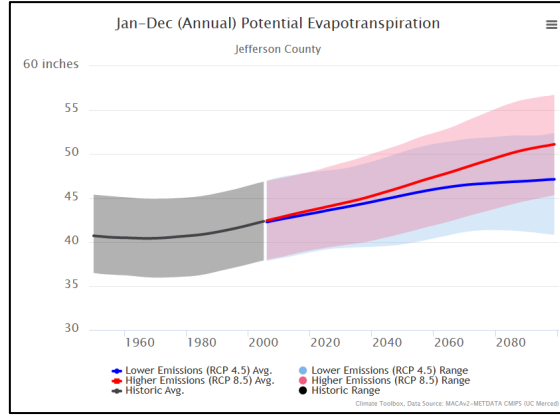
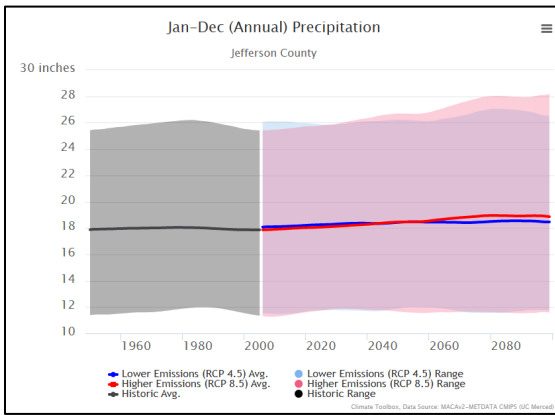
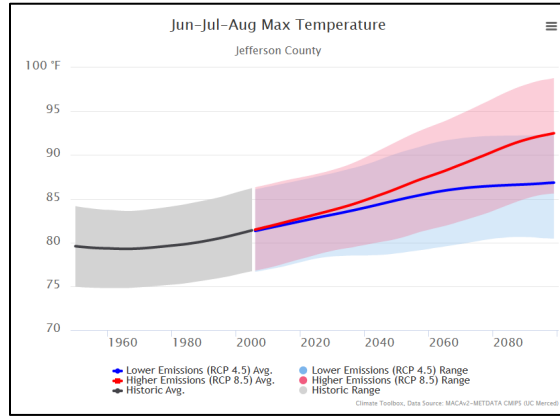
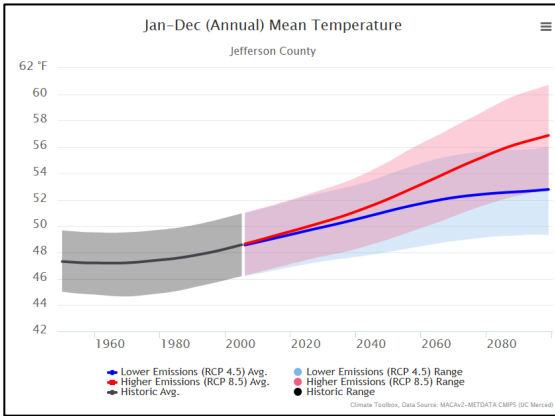


4. Wickiup Dam (1942 – 2022)



C. Forecasting from Climate Toolbox: Climate through 2090 based on two levels of emissions

1. Jefferson County: temperature, precipitation, ET



2. Agency Plains: temperature, precipitation, ET

