



# Conservation

## Water Resources Division

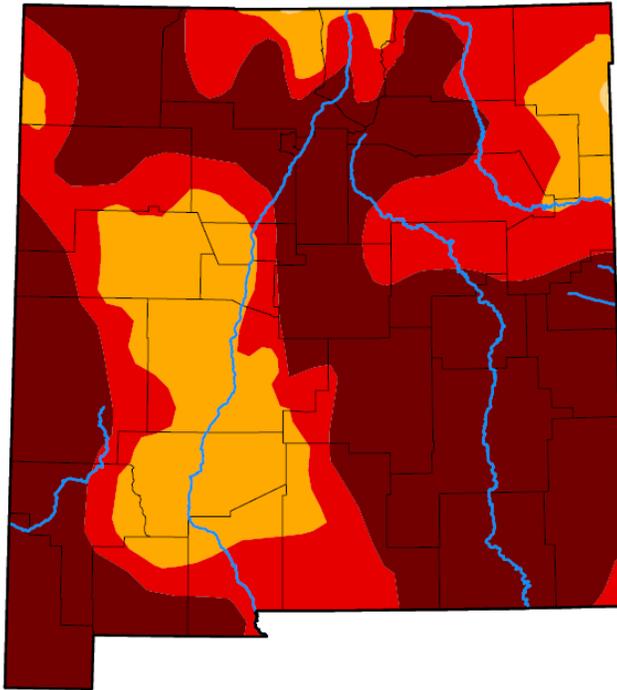
**Drought 2020 – 2022**  
Drought Update

**Carlos Bustos**  
**Water Conservation Program Manager**  
**November 9, 2022**

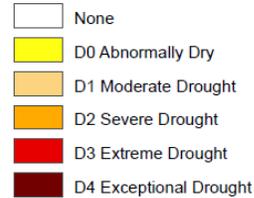
# Drought Trend 2020 – 2022

## U.S. Drought Monitor New Mexico

March 16, 2021  
(Released Thursday, Mar. 18, 2021)  
Valid 8 a.m. EDT



**Intensity:**



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

**Author:**

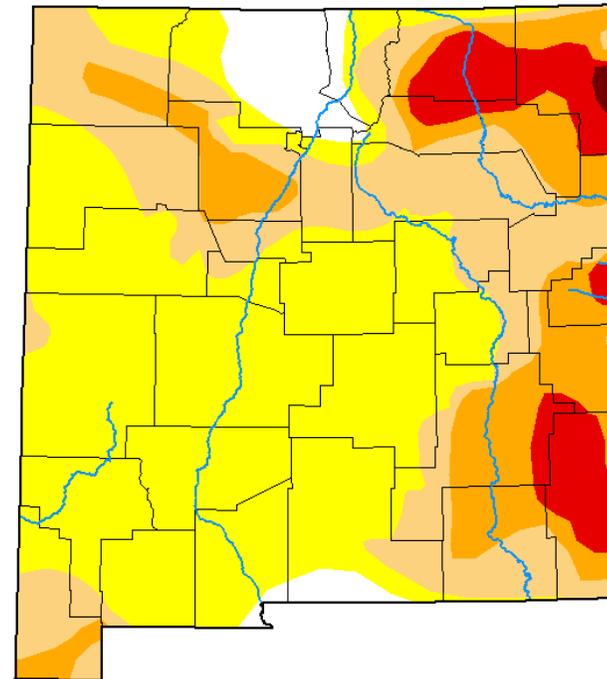
Brad Pugh  
CPC/NOAA



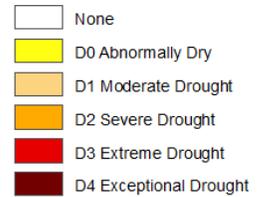
[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)

## U.S. Drought Monitor New Mexico

October 25, 2022  
(Released Thursday, Oct. 27, 2022)  
Valid 8 a.m. EDT



**Intensity:**



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

**Author:**

Adam Hartman  
NOAA/NWS/NCEP/CPC

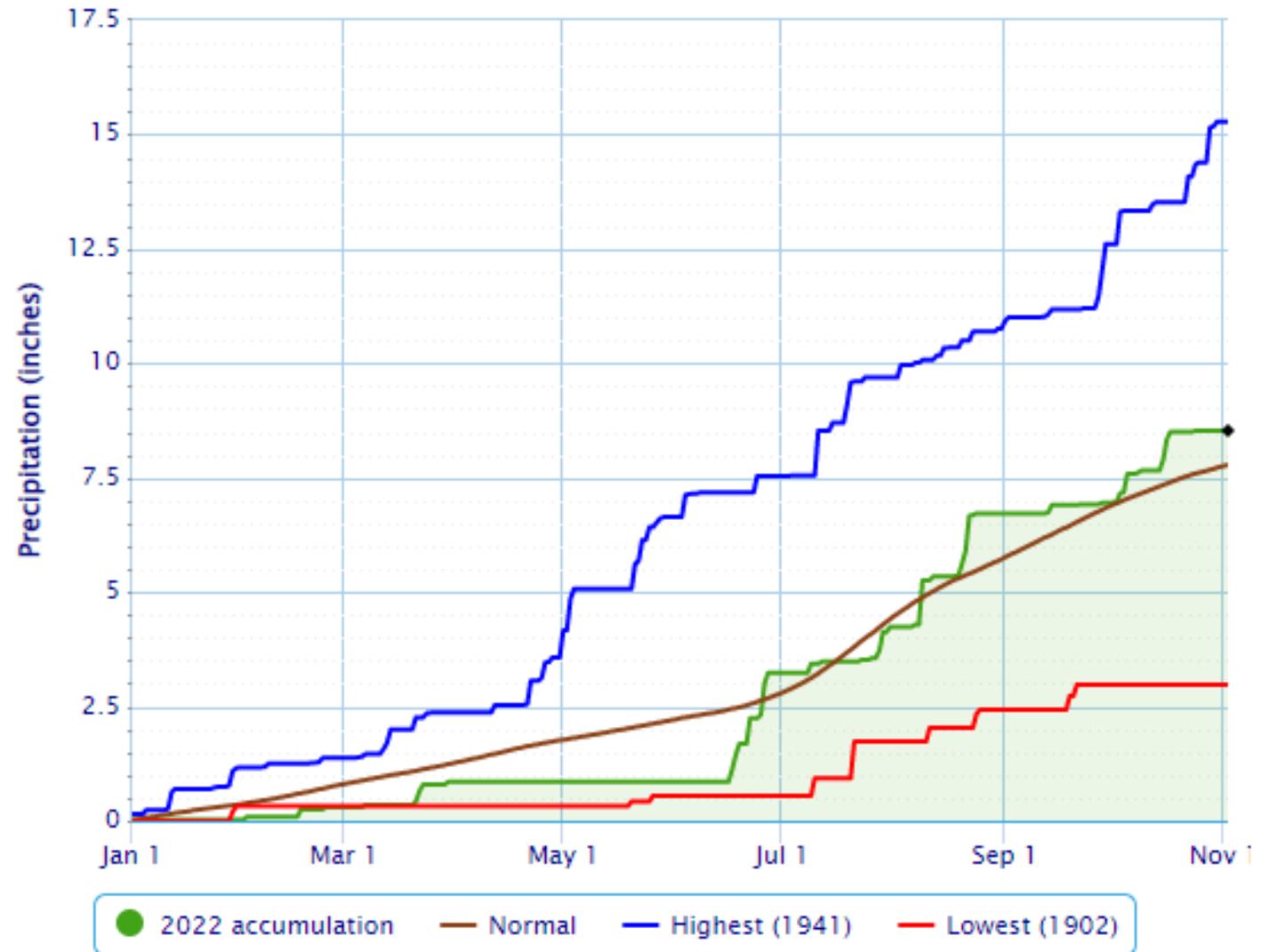


[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)

# Precipitation to date

8.5" Albuquerque Airport Station  
Normal 7.5"

Accumulated Precipitation – Albuquerque Area, NM (ThreadEx)



# Drought Stage Triggers

Stage 0 – Drought Advisory

**Stage 1 – Drought Watch**

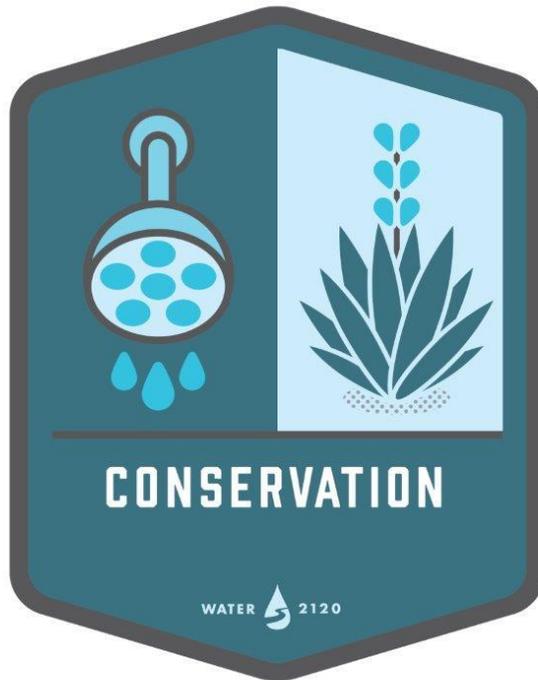
Stage 2 – Drought Warning

Stage 3 – Drought Emergency

Drought Stage Criteria Chart

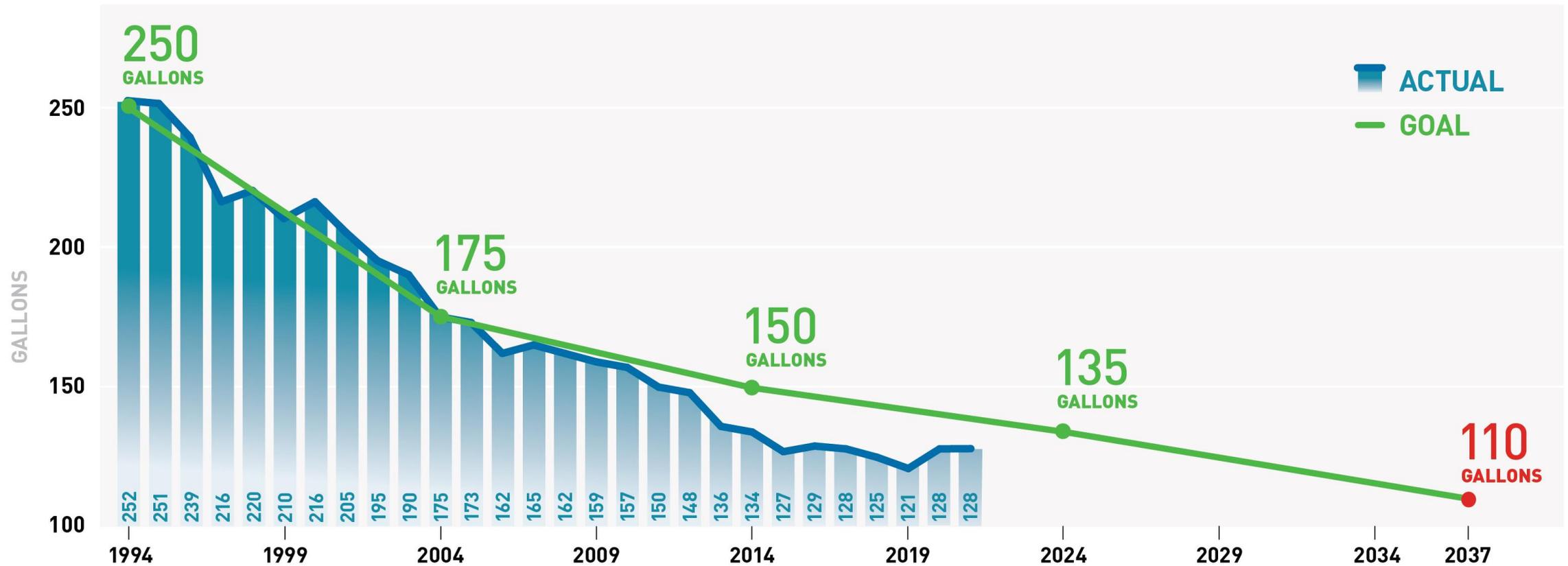
Groundwater Pumping /GPCD	Less than 120% of the GW pumping goal	Between 120% and 130% of GW pumping goal	Between 130% and 140% of GW pumping goal	More than 140% of the GW pumping goal
< 2 GPCD over the goal	None	None	None	Stage 1
2-4 GPCD over the goal	None	Stage 1	Stage 1	Stage 2
4-6 GPCD over the goal	None	Stage 1	Stage 2	Stage 3
> 6 GPCD over the goal	Stage 1	Stage 2	Stage 3	Stage 3

# Drought Watch Measures and other measures implemented results

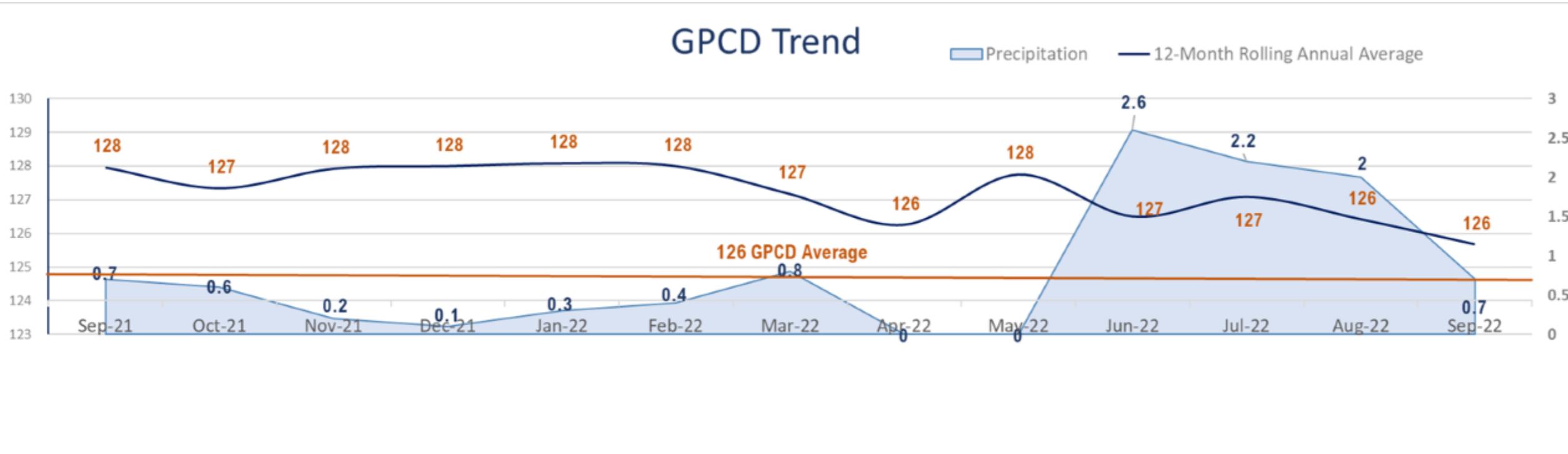


- Double water waste fees and more compliance with seasonal personnel
- 3 Steps to Landscape Success Drought Class: \$20 rebate
- Increased public information: Xeriscape rebate now \$2 per sq ft
- Target the Top 5% of Residential ratepayers with conservation guideline
- Launched a Low Income Conservation support program

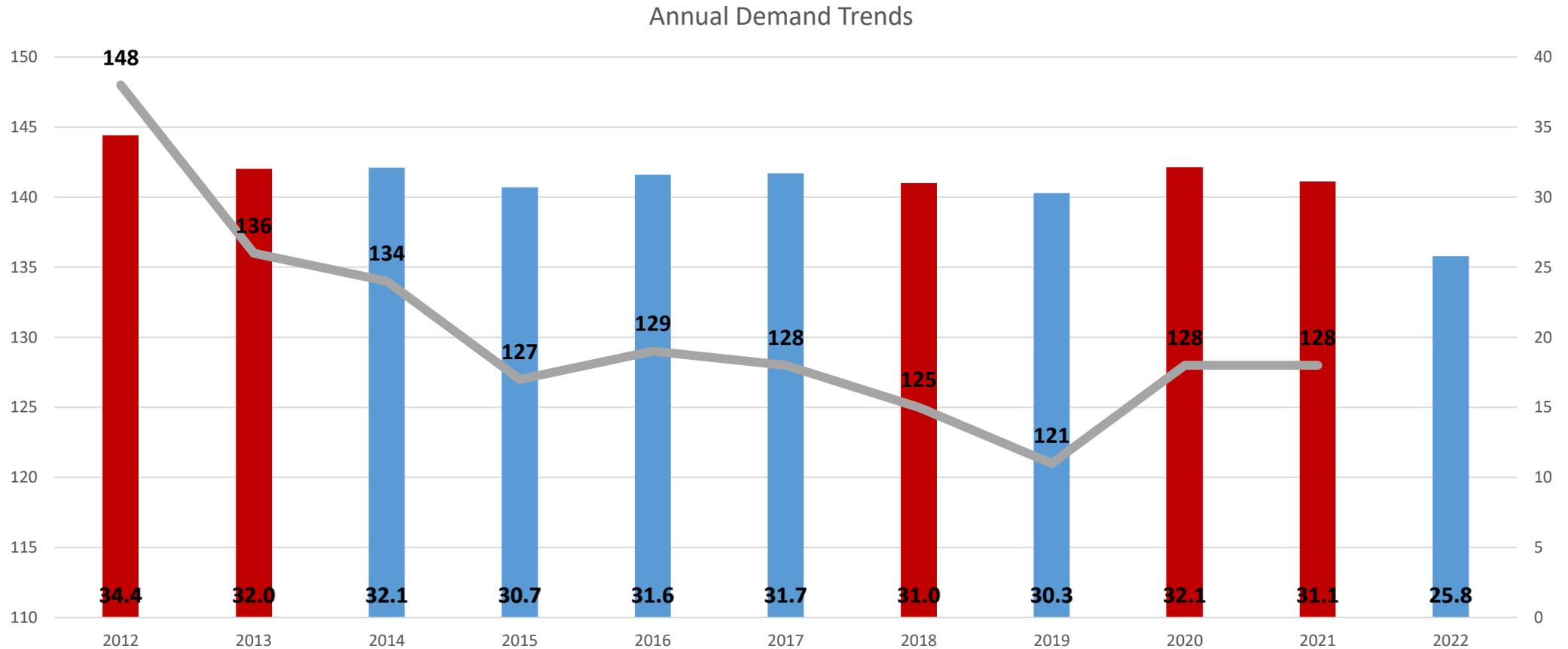
# Gallons Per Capita Per Day, 1994-2037



# GPCD Trend



# 10 Year- Annual Customer Demand Trend



# Drought Watch Measures Results



## Drought Water Smart Class

- 2,300 Customers Participated
- 2.3% Average reduction per participant
- 1.6 Million Gallons Reduction



## Water Waste Reduction Compliance

- 3,560 Water Waste Activities
- 4.7% Average reduction per activity
- 68 Million Gallons Reduction

# Xeriscape Rebate Increase & campaign \$2 per square feet

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Thanks to the increasing campaign we've doubled our turf to xeriscape conversions.  
(30% reported reduction)

Year to date: 645,188 square feet

2021: 272,665 square feet

2020: 329,439 square feet



**GET OFF THE  
LAWN!**

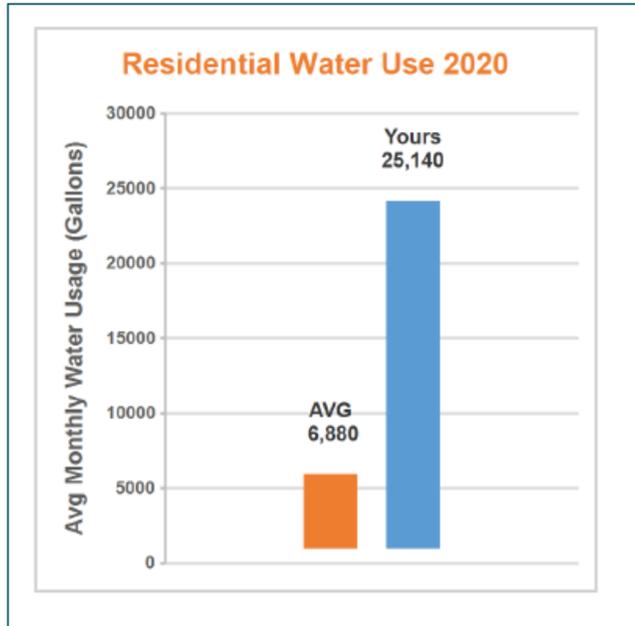
**XERISCAPE REBATES  
ARE STILL A THING!**

VISIT [ABCWUA.ORG](http://ABCWUA.ORG) FOR DETAILS





# Outreach to top 5%



- Informs customers that we are in a drought
- Informs customers that their average monthly usage is above zip code residential average
- Encourages people to schedule a free irrigation consultation
- Encourages people to visit 505Outside

- Sent 8,350 conservation guidelines
- Average reduction 8.5% per household
- Total reductions 415,740,300 gallons

# Conservation audits for customers enrolled in the Low-Income Credit Program

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- Outreach to 900 Low-Income Customers with information on how to find leaks, care for landscapes, and offer conservation kits
- Performed 56 residential audits
- **7.1% Average reduction per household**





Questions?