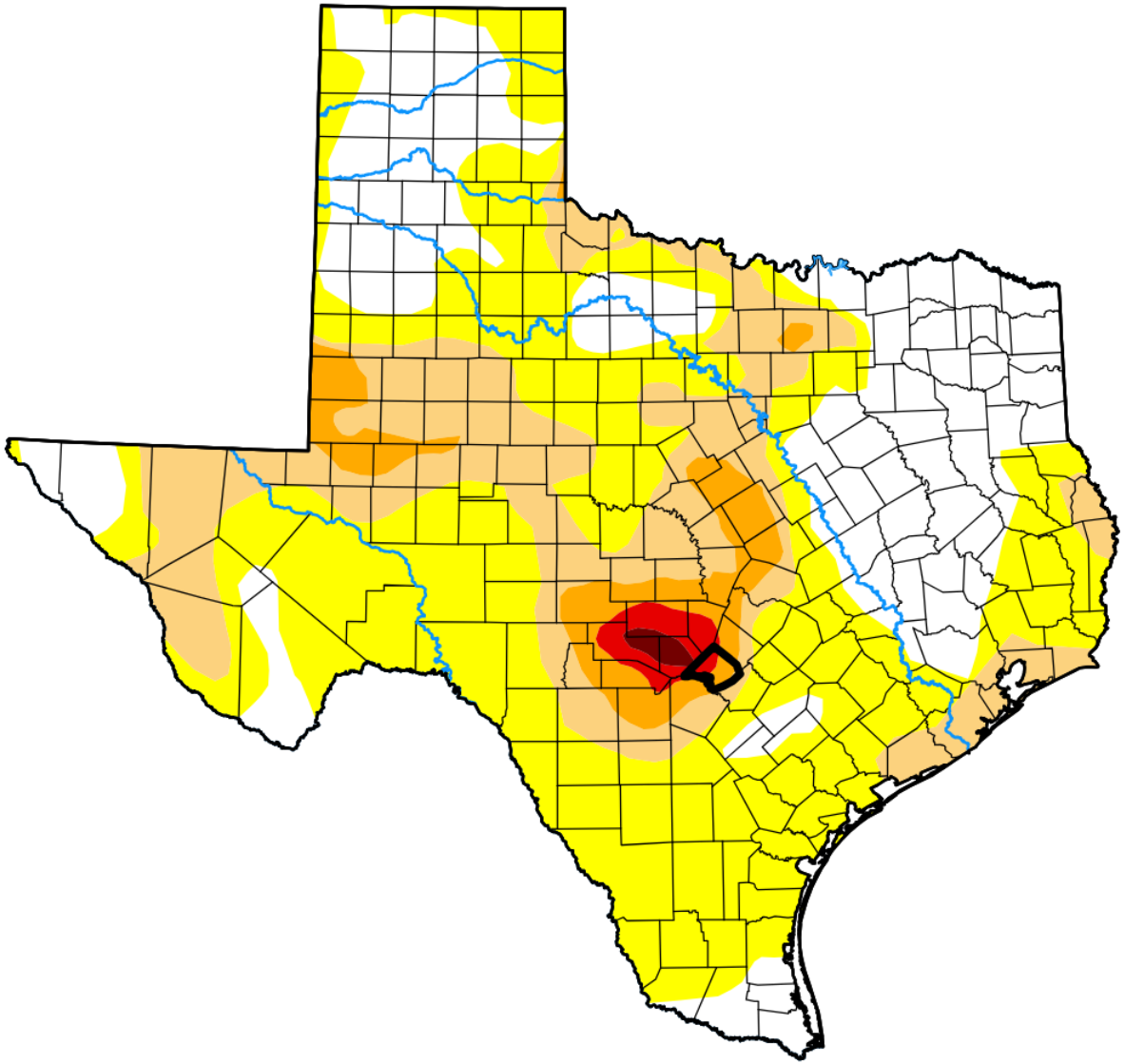
Comal Trinity Groundwater Conservation District

General Manager Report

August 21, 2023

Comal County, TX



Map released: Thurs. July 6, 2023

Data valid: July 4, 2023 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):

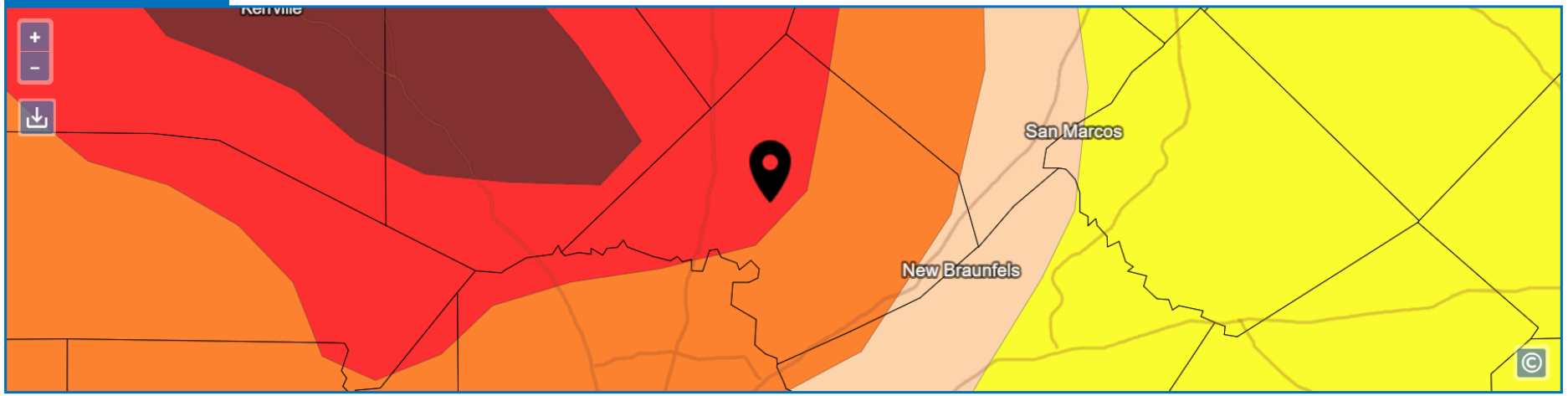
Curtis Riganti, National Drought Mitigation Center

Pacific Islands and Virgin Islands Author(s):

Denise Gutzmer, National Drought Mitigation Center

Current Conditions for Comal County

U.S. Drought Monitor | 30-Day Precipitation | 30-Day Temperature



The U.S. Drought Monitor depicts the location and intensity of drought across the country using 5 classifications: Abnormally Dry (D0), showing areas that may be going into or are coming out of drought, and four levels of drought (D1–D4).

The U.S. Drought Monitor is a joint effort of the National Drought Mitigation Center, U.S. Department of Agriculture, and National Oceanic and Atmospheric Administration.

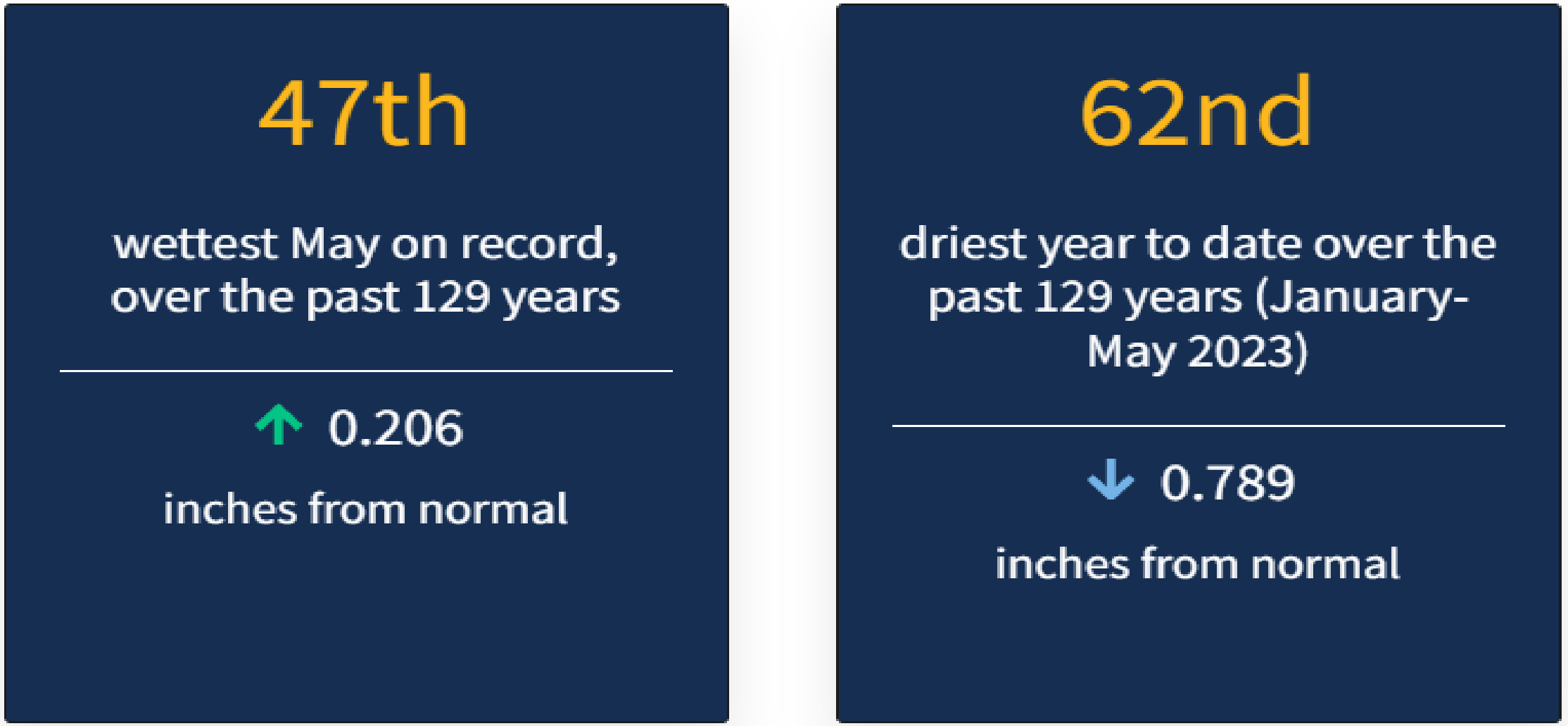
Source(s): NDMC, NOAA, USDA

Legend —

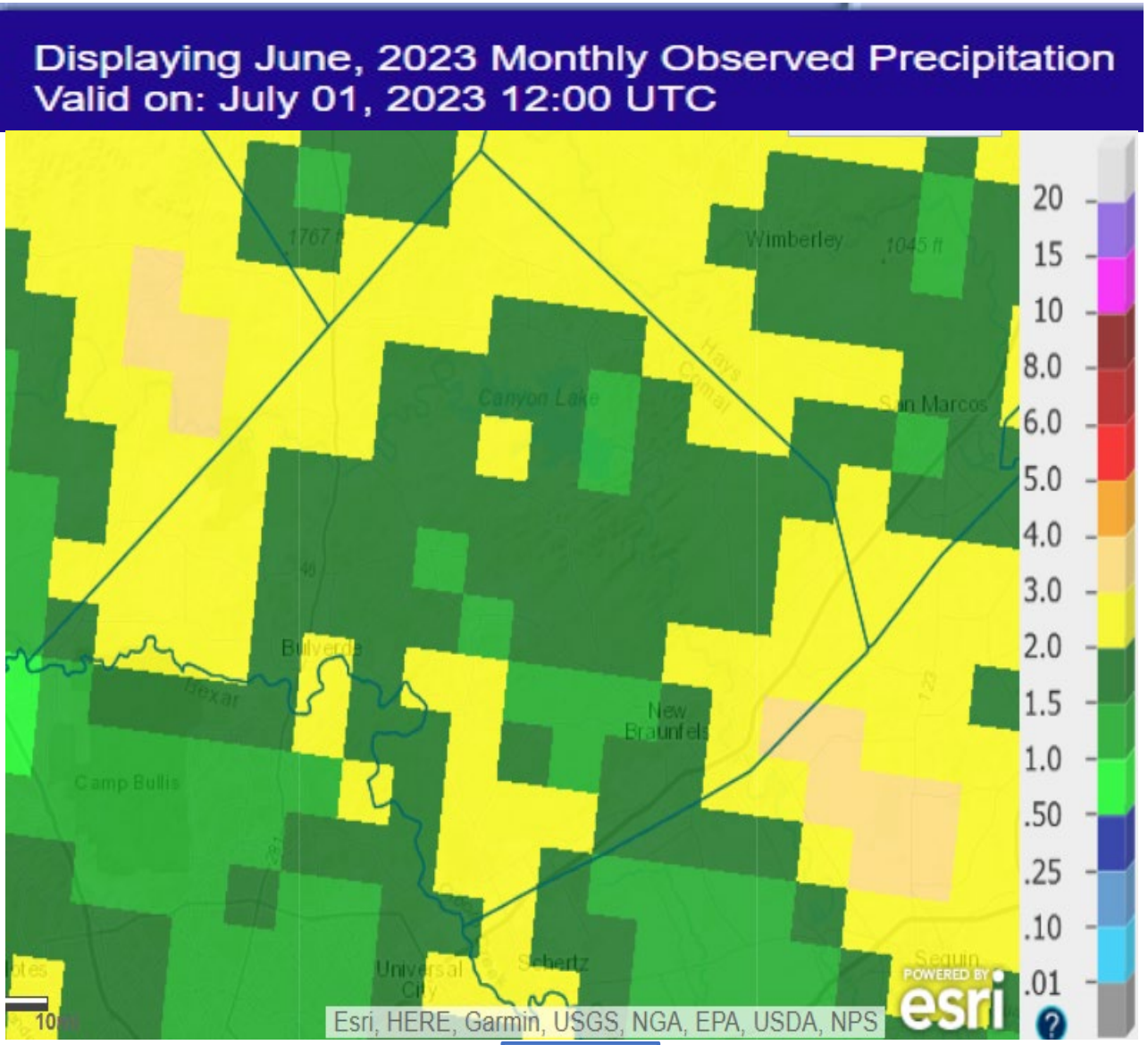
Drought & Dryness Categories	% of Comal County
D0 - Abnormally Dry	**0%**
D1 – Moderate Drought	**4.83%**
D2 – Severe Drought	**51.16%**
D3 – Extreme Drought	**44.01%**
D4 – Exceptional Drought	**0%**
Total Area in Drought (D1–D4)	**100.00%**

Updates +

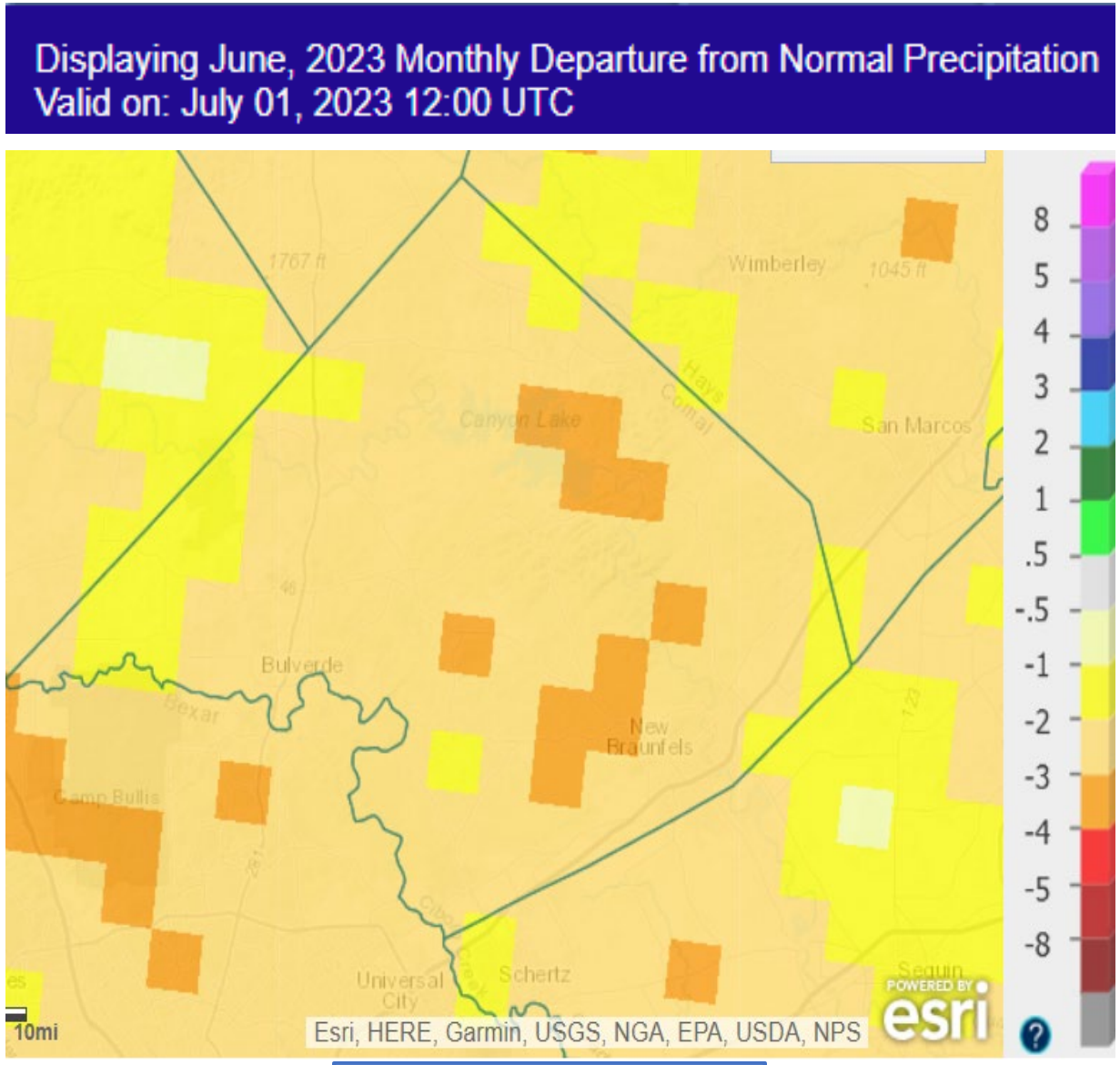
Comal County Drought Facts – July 4, 2023



Precipitation June 2023

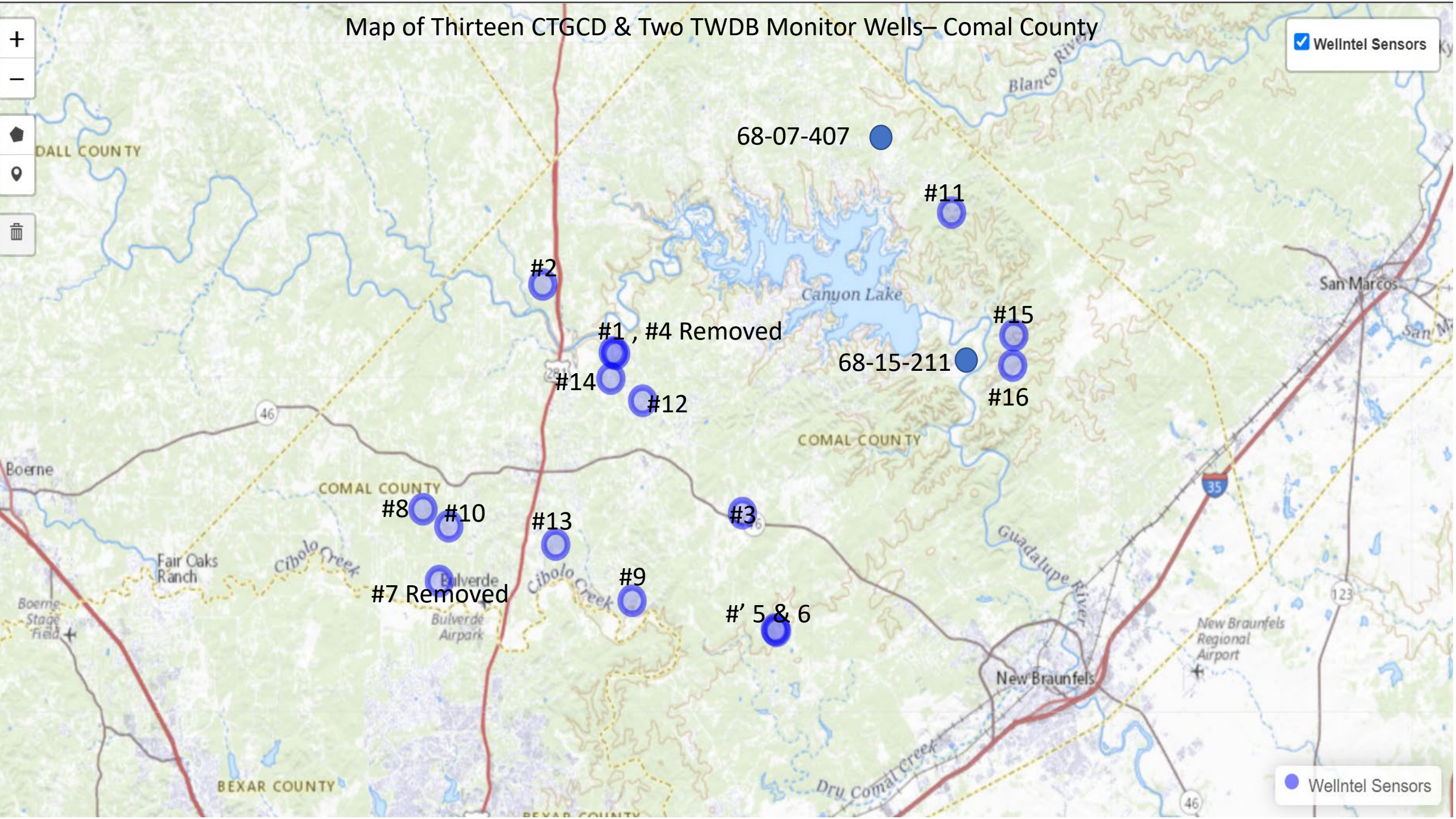


1” – 3”



1” – 4” Below Normal

Map of Thirteen CTGCD & Two TWDB Monitor Wells– Comal County



Well #	Water Level in Feet 1/1/2023	Water Level in Feet 6/30/2023	Change in Water Level
#1	204.5	202.5	2.0
#2	97.04	97.12	-0.1
#3	526.6	556.3	-29.7
#5	347.2	353.2	-6.0
#6	497	477.7	19.3
#8	396.9	396.6	0.3
#9	300.8	298.9	1.9
#10	328.1	326	2.1
#11	362.7	362.7	0.0
#12	420.7	428.5	-7.8
#13	339.9	338.3	1.6
#14	231.3	233.4	-2.1
#15	283 (4/28/23)	302.6	-19.6
TWDB 6807407	318.2	292.4	25.8
TWDB 6815211	109.6	110.4	-0.8
		Average Change 1/1/23-6/30/23	-0.93

Water Level Changes from January 1 to June 30, 2023

Upper Trinity Wells

Well #5 -6’

Well #211 -0.8’

-6.8’ / 2 = -3.4’ Average

Middle Trinity

Well #1 +2’

#3 -29.7’

#6 +19.3’

#8 +0.3’

#9 +1.9’

#10 +2.1’

#11 0.0’

#12 -7.8’

#13 +1.6’

#14 -2.1

#15 -19.6

#407 +25.8’

-6.2’/ 11 = -0.56’ Average

Lower Trinity

Well #2 -0.1’

2023 2nd Quarter Non-Exempt Reported Pumpage and MAG

		GMA-9 Pumped	GMA-9 MAG Availability	GMA-10 Pumped	GMA-10 MAG Availability
1Q2023			9,383		33,554
	Gallons:	293,162,565		816,389,798	
	Acre-ft:	900	8,483	2,505	31,049
2Q2023					
	Gallons:	352,597,173		954,901,717	
	Acre-ft:	1,082	7,401	2,931	28,118
3Q2023					
	Gallons:				
	Acre-ft:	-	-	-	-
4Q2023					
	Gallons:				
	Acre-ft:	-	-	-	-
YTD 2023 Acre-ft	Acre-ft:	1,982		5,436	

Well Drilling Applications By Type

January through June 2023

Applications Received 2nd Quarter 2023	1st Q 27	2nd Q 33
a) Domestic/Livestock	1st Q 26	2nd Q 30
Geothermal	1st Q 0	2nd Q 0
b) < 25,000 gpd	1st Q 1	2nd Q 1
c) > 25,000 gpd	1st Q 0	2nd Q 1
e) Test Bore	1st Q 0	2nd Q 0
f) Complete Test Bore < 25,000 gpd	1st Q 0	2nd Q 1
Monitor Well	1st Q 0	2nd Q 0
Total approvals in second quarter 2023 35		
Total Drilled in Second Quarter	**35 + First Quarter 26 = 61 in 2023**	

We make the West . . . Wetter

Hosted by: Comal Master Gardeners
Comal Trinity Groundwater Conservation District

Rain Bees

» Call us: Larry - 210.266.8050
Steven - 903.452.0801
Our services are always free and we welcome questions anytime.

3rd Quarter 2023 Update – August 21, 2023

Since last Meeting	This quarter	2022-23	To date
• Consultations their homes:	30	109	158
• Visits to our harvesting sites:	9	58	70
• Rain harvest articles published:	4	22	46
• Presentations/Events (attendees - 205):	9	25	42

- *Mammen Library,* Water Conserve Series – *Drip Irrigation – Jun 26, 2023 (26)*
- *Mammen Library,* Water Conserve Series – *Fixing Leaks – Jul 3, 2023 (29)*
- *Mammen Library,* Water Conserve Series – *Lawn Care – Jul 10, 2023 (30)*
- *Mammen Library,* Water Conserve Series – *Pollinators – Jul 17, 2023 (29)*
- *Mammen Library,* Water Conserve Series – *Rain Gardens – Jul 24, 2023 (30)*
- *Mammen Library,* Water Conserve Series – *Pollinators – Jul 31, 2023 (29)*
- *Mammen Library,* Water Conserve Series – *Composting – Jul 31, 2023 (32)*

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3rd Quarter 2023 Update – August 21, 2023

Upcoming presentations:

- ***United Methodist Church Garden – Rain Harvesting – Aug 22, 2023 (~20)***
- ***Rain Harvesting,*** **Guadalupe Master Gardeners, Seguin – Aug 24, 2023 (~25)**
- **Garden Ridge Library, Garden Ridge – Oct 19, 2023 (~25)**
- **Sloyd and Croft Middle School, 18140 Red Wing Rd., Rio Medina TX 78066 (date & time TBD ~20)**

Tri-fold CTGCD brochures distributed (91)