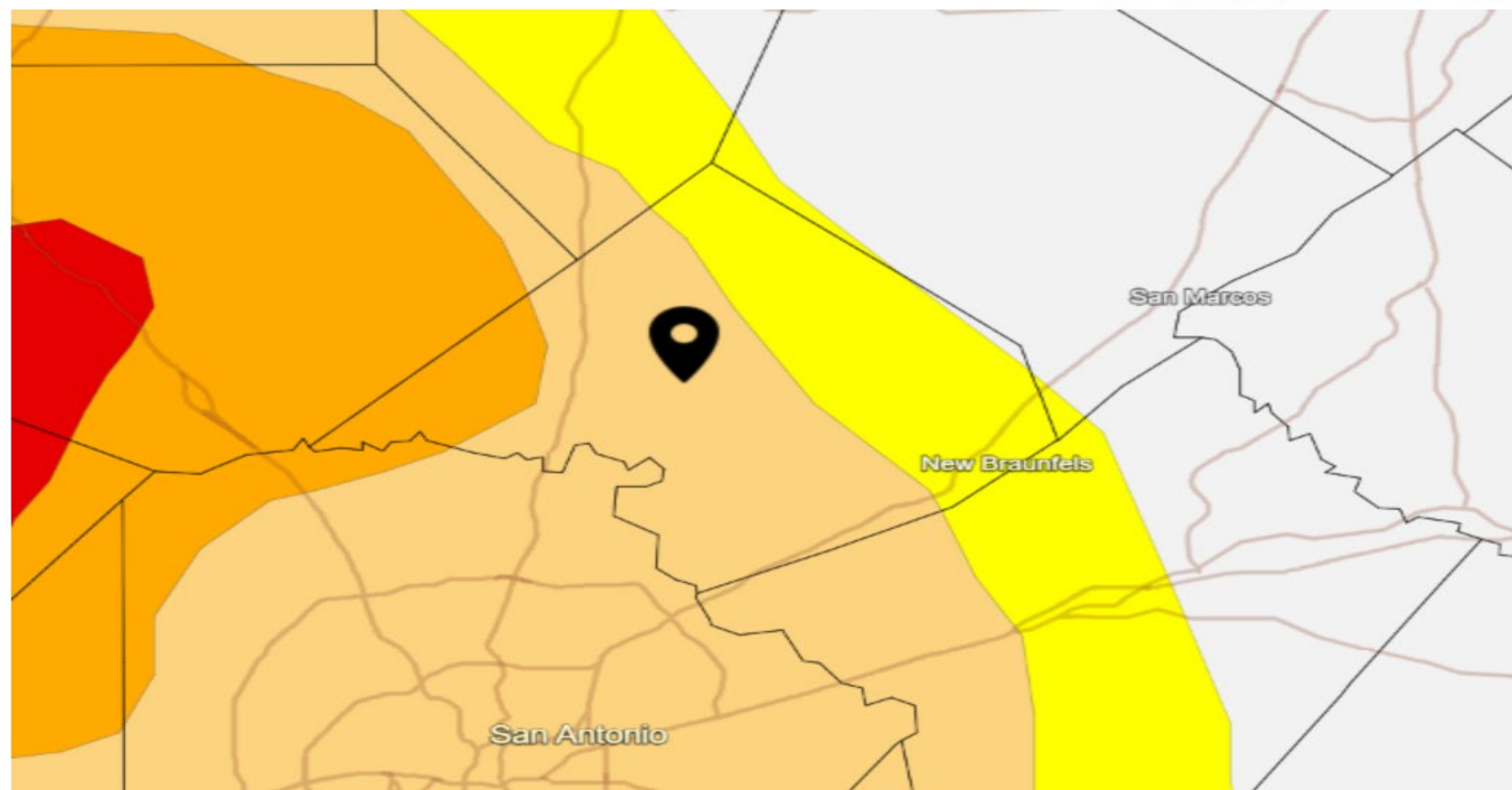




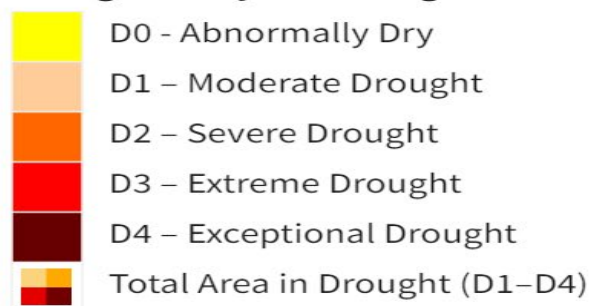
Comal Trinity
Groundwater Conservation District
General Manager Report
August 19, 2024

Comal County Drought Information- August 2024

U.S. Drought Monitor



Drought & Dryness Categories



% of Comal County

36.38%

52.20%

10.98%

0%

0%

63.18%

Source(s): NDMC, NOAA, USDA
Data Valid: 08/13/24

Drought.gov

Comal County
Drought
Statistics July
2024

29th

wettest July on record,
over the past 130 years

↑ 1.4

inches from normal

44th

wettest year to date over
the past 130 years
(January-July 2024)

↑ 1.47

inches from normal

7-Day Total Precipitation (Inches)



Inches of Precipitation

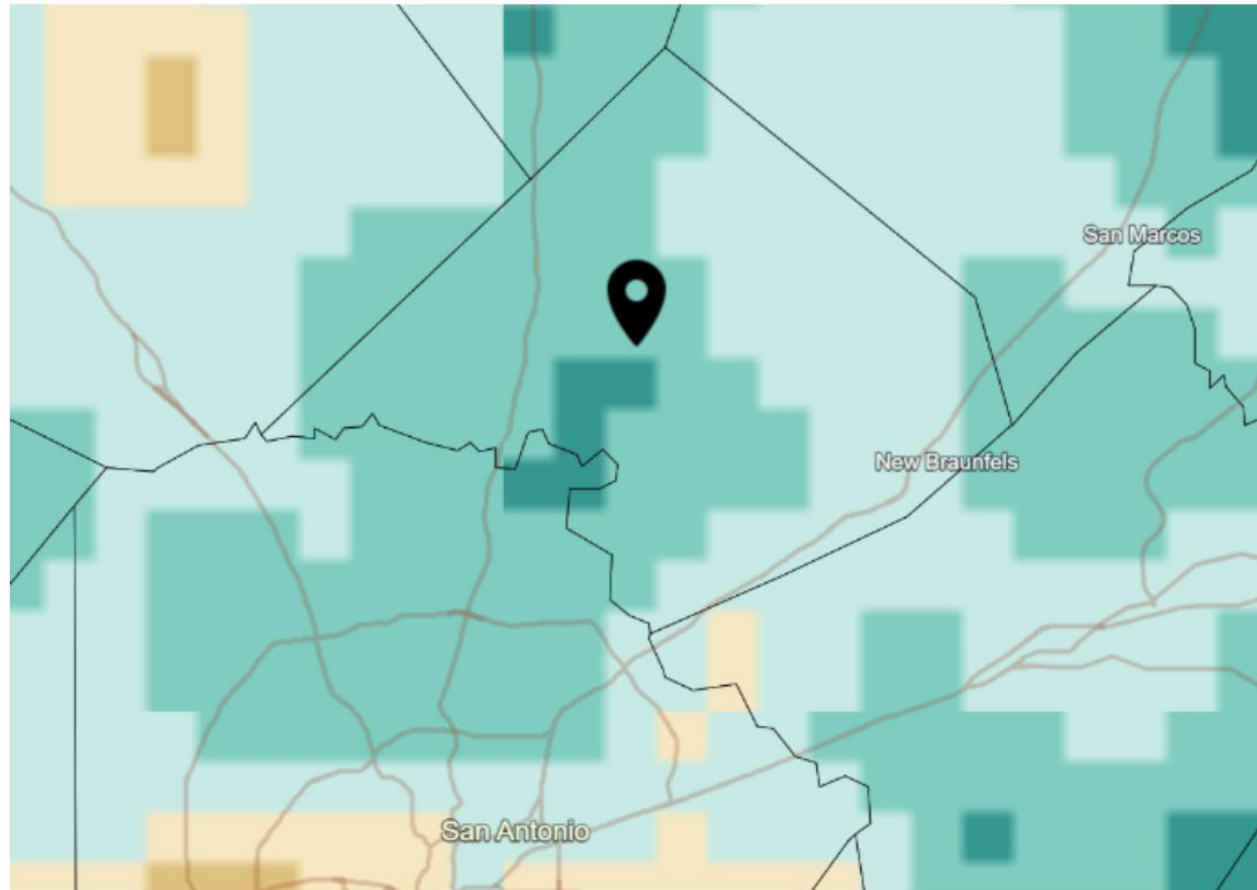


This map shows total precipitation (in inches) for the past 7 days. Dark blue shades indicate the highest precipitation amounts.

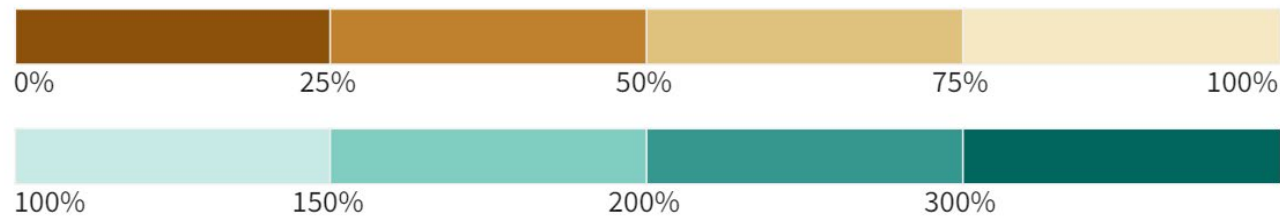
Source(s): UC Merced

Data Valid: 08/16/24

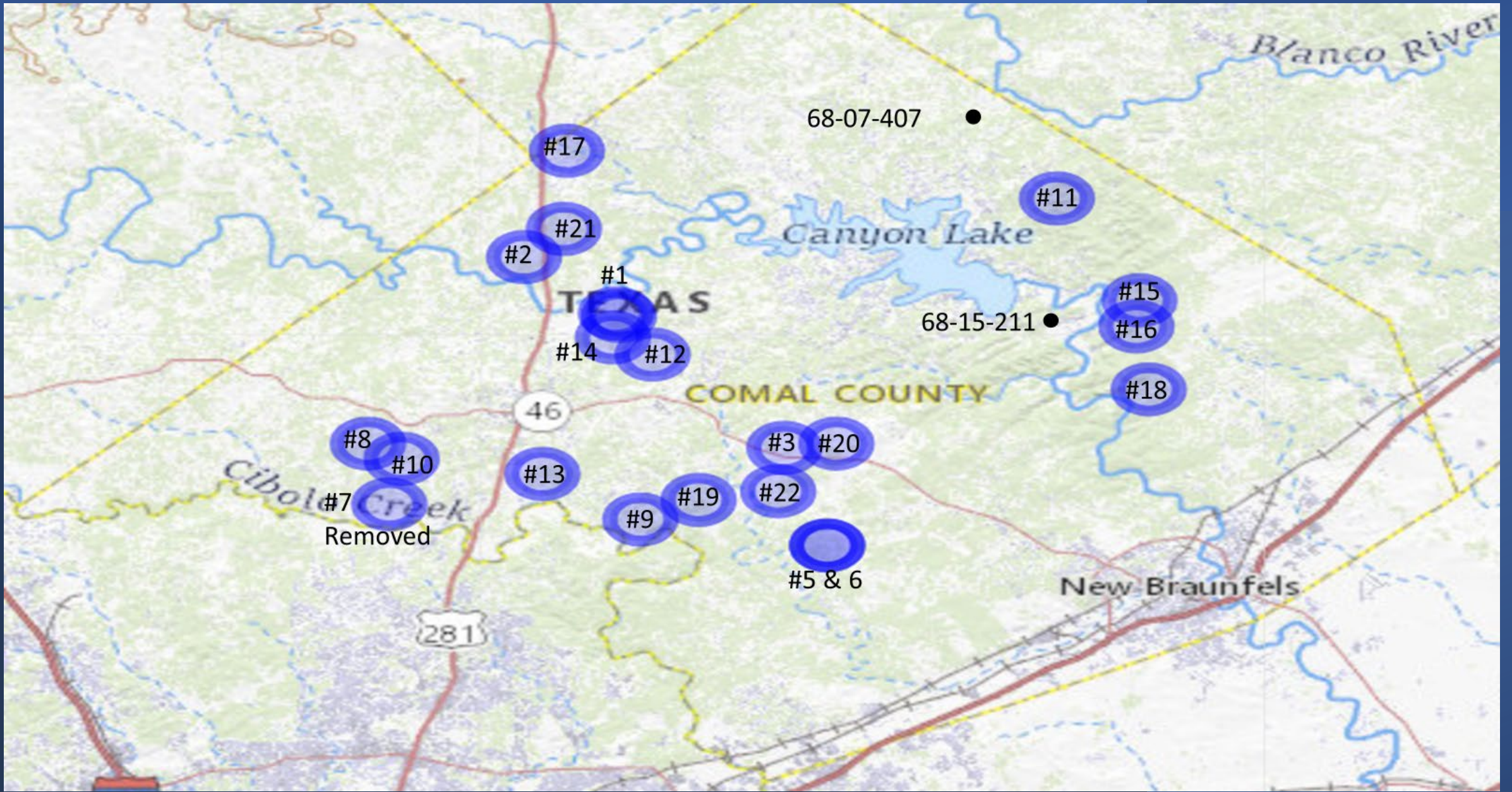
60-Day Percent of Normal Precipitation



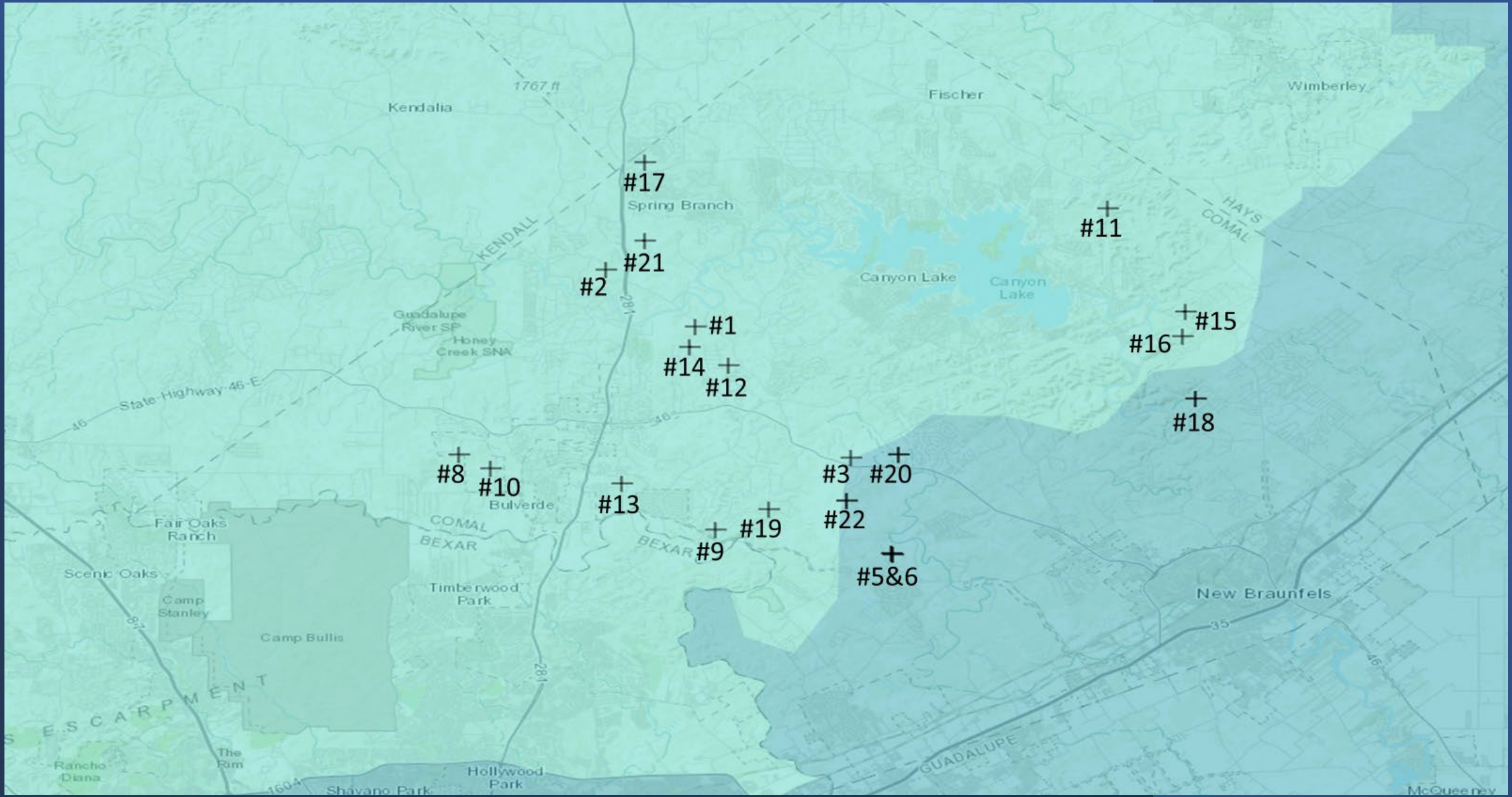
Percent of Normal Precipitation (%)



Source(s): UC Merced
Data Valid: 08/16/24



#7
Removed



CTGCD MONITORING WELLS 2nd Qtr 2024

| Name | Minimum Date | Maximum Date | # of Readings | Minimum Value | Maximum Value | Start Reading | Last Reading | Difference |
|------|--------------|--------------|---------------|---------------|---------------|---------------|--------------|------------|
| #1 | 4/1/2024 | 7/1/2024 | 4 | 206.20 | 208.57 | 206.2 | 208.47 | -2.27 |
| #2 | 4/1/2024 | 7/1/2024 | 4 | 97.11 | 97.14 | 97.13 | 97.12 | 0.01 |
| #3 | 4/1/2024 | 7/1/2024 | 4 | 518.74 | 520.97 | 518.74 | 520.97 | -2.23 |
| #5 | 4/1/2024 | 7/1/2024 | 4 | 332.22 | 332.52 | 332.22 | 332.49 | -0.27 |
| #6 | 4/1/2024 | 7/1/2024 | 4 | 474.51 | 492.35 | 474.51 | 492.35 | -17.84 |
| #8 | 4/1/2024 | 7/1/2024 | 4 | 394.19 | 400.66 | 394.19 | 400.66 | -6.47 |
| #9 | 4/1/2024 | 7/1/2024 | 4 | 300.99 | 312.00 | 312.00 | 300.99 | 11.01 |
| #10 | 4/1/2024 | 7/1/2024 | 4 | 324.69 | 326.58 | 324.69 | 326.58 | -1.89 |
| #11 | 4/1/2024 | 7/1/2024 | 4 | 362.48 | 362.92 | 362.92 | 362.62 | 0.30 |
| #12 | 4/1/2024 | 7/1/2024 | 4 | 425.60 | 431.47 | 425.60 | 431.47 | -5.87 |

CTGCD MONITORING WELLS 2nd Qtr 2024

| Name | Minimum Date | Maximum Date | # of Readings | Minimum Value | Maximum Value | Start Reading | Last Reading | Difference |
|------|--------------|--------------|---------------|---------------|---------------|---------------|--------------|------------|
| #13 | 4/1/2024 | 7/1/2024 | 4 | 336.02 | 339.09 | 336.02 | 339.09 | -3.07 |
| #14 | 4/1/2024 | 7/1/2024 | 4 | 227.51 | 232.96 | 227.51 | 232.96 | -5.45 |
| #15 | 4/1/2024 | 7/1/2024 | 4 | 292.08 | 297.08 | 292.08 | 297.08 | -5.00 |
| #16 | 4/1/2024 | 7/1/2024 | 4 | 215.48 | 228.61 | 221.03 | 228.61 | -7.58 |
| #17 | 4/1/2024 | 7/1/2024 | 4 | 154.59 | 154.90 | 154.69 | 154.90 | -0.21 |
| #18 | 4/1/2024 | 7/1/2024 | 4 | 256.44 | 258.36 | 256.44 | 258.36 | -1.92 |
| #19 | 4/1/2024 | 7/1/2024 | 4 | 567.44 | 577.59 | 567.44 | 577.59 | -10.15 |

CTGCD MONITORING WELLS 2nd Qtr 2024

| Name | Minimum Date | Maximum Date | # of Readings | Minimum Value | Maximum Value | Start Reading | Last Reading | Difference |
|---------|--------------|--------------|---------------|---------------|---------------|---------------|--------------|------------|
| #20 | 4/1/2024 | 7/1/2024 | 4 | 111.44 | 121.05 | 111.44 | 115.54 | -4.10 |
| #21 | 4/1/2024 | 7/1/2024 | 4 | 182.41 | 182.72 | 182.72 | 182.41 | 0.31 |
| #22 | 4/1/2024 | 7/1/2024 | 4 | 420.45 | 423.87 | 420.45 | 423.87 | -3.42 |
| 6807407 | 4/1/2024 | 7/1/2024 | 4 | 344.75 | 350.47 | 344.75 | 350.47 | -5.72 |
| 6815211 | 4/1/2024 | 7/1/2024 | 4 | 106.79 | 108.60 | 108.60 | 106.79 | 1.81 |

Change from 2024-04-01 to 2024-06-30

Groundwater Elevation AMSL (ft)

-5
0
5
10
15

Comal County WellIntel #01

Comal County WellIntel #02

Comal County WellIntel #03

Comal County WellIntel #05

Comal County WellIntel #06

Comal County WellIntel #08

Comal County WellIntel #09

Comal County WellIntel #10

Comal County WellIntel #11

Comal County WellIntel #12

Deeper

Shallower

Deeper

Shallower

Deeper

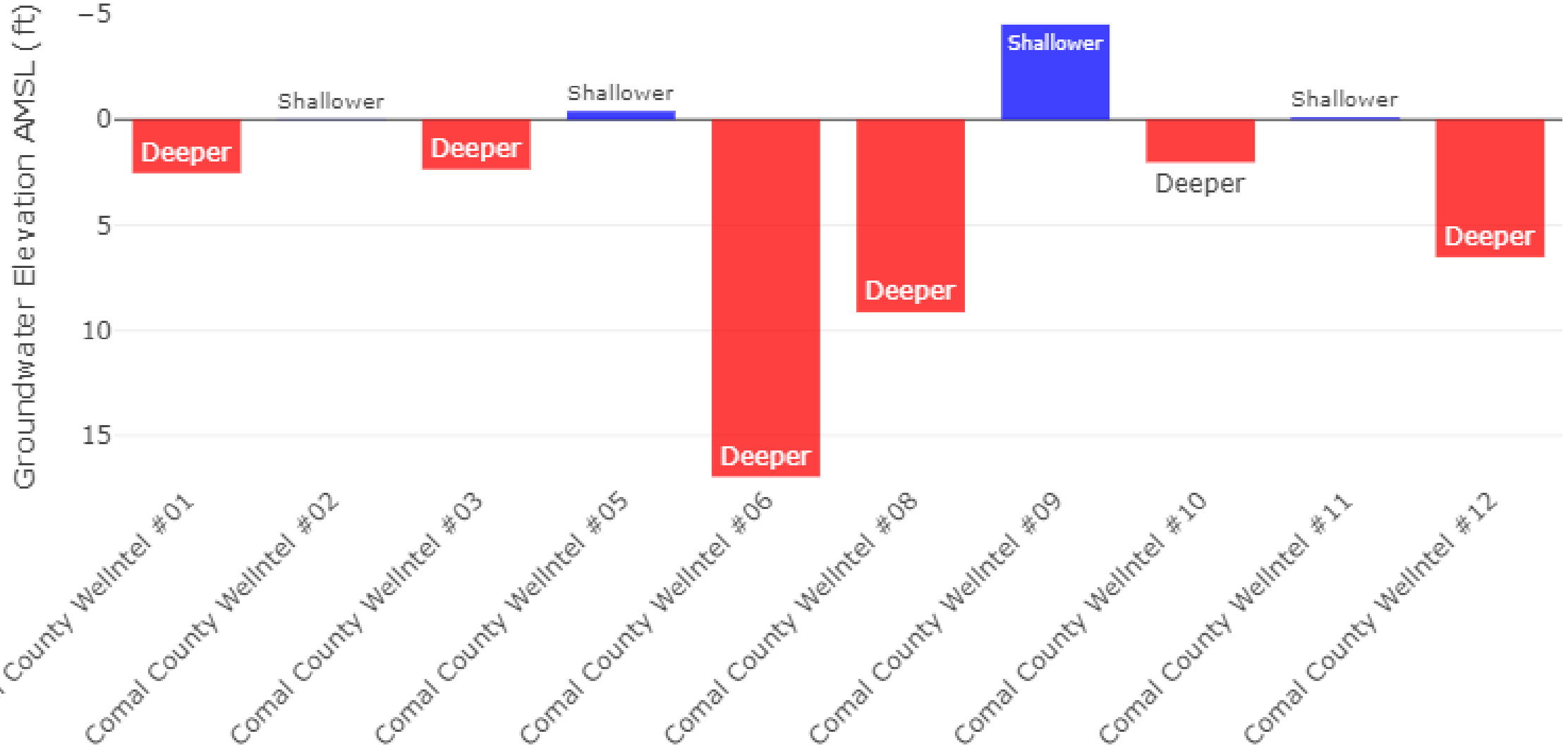
Deeper

Shallower

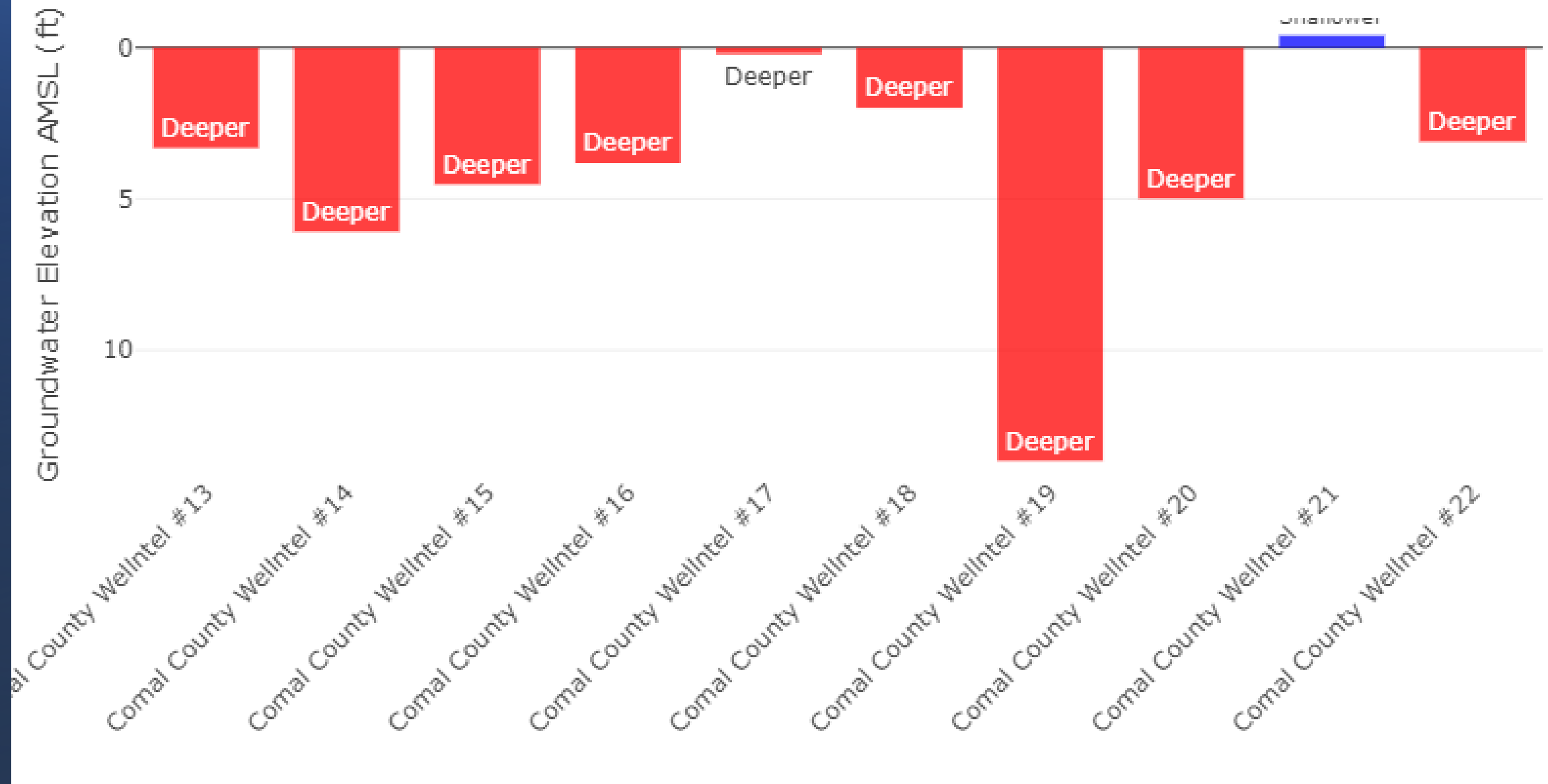
Deeper

Shallower

Deeper



Change from 2024-04-01 to 2024-06-30



2nd Quarter 2024 Non-Exempt Reported Pumpage and MAG

| | | GMA-9 Reported | GMA-9 MAG Availability | GMA-10 Reported | GMA-10 MAG Availability |
|----------------------|-----------------|-------------------|---------------------------|--------------------|----------------------------|
| 1Q2024 | | | 9,383 | | 33,554 |
| | Gallons: | 331,387,590 | | 563,804,513 | |
| | Acre-ft: | 1,017 | 8,366 | 1,730 | 31,824 |
| 2Q2024 | | | | | |
| | Gallons: | 381,988,611 | | 604,159,420 | |
| | Acre-ft: | 1,172 | 7,194 | 1,854 | 29,970 |
| 3Q2024 | | | | | |
| | Gallons: | | | | |
| | Acre-ft: | - | 7,194 | - | 29,970 |
| 4Q2024 | | | | | |
| | Gallons: | | | | |
| | Acre-ft: | - | 7,194 | - | 29,970 |
| 2024 Reported | Acre-ft: | 2,189 | | 3,584 | |

Well Drilling Applications By Type

| Type of Application | 1st Quarter | 2nd Quarter | 3rd Quarter | 4th Quarter | Total for Year | GMA 9 | GMA10 |
|------------------------------------|-------------|-------------|-------------|-------------|----------------|-------|-------|
| a) Domestic | 18 | 26 | | | 44 | 35 | 9 |
| a)L Livestock | 0 | 1 | | | 1 | 1 | 0 |
| a)I Domestic Landscape Irrigation | 4 | 1 | | | 5 | 5 | 0 |
| b) < 25,000 GPD | 1 | 2 | | | 3 | 1 | 2 |
| c) > 25,000 GPD | 0 | 1 | | | 1 | 1 | 0 |
| d) Plugging | 2 | 4 | | | 6 | 5 | 1 |
| e) Test Bore | 0 | 0 | | | | | |
| f) Completion of test < 25,000 GPD | 0 | 0 | | | | | |
| g) Completion of test > 25,000 GPD | 0 | 0 | | | | | |
| Geothermal | 0 | 0 | | | | | |
| Monitor well | 0 | 0 | | | | | |
| Total Applications Received 2024 | 25 | 35 | | | | 48 | 12 |
| | | | | | | | |
| Total Applications Approved 2024 | 21 | 32 | | | | 42 | 8 |
| | | | | | | | |
| Total Borings Started in 2024 | 20 | 27 | | | 47 | | |

We make the
West ... Wetter

Hosted by: Comal Master Gardeners
Comal Trinity Groundwater Conservation District



Rain Bees

» Call us: Larry - 210.286.8050
Steven - 903.452.0801

Our services are always free and we welcome questions anytime.

| Since last Meeting | This quarter | 2023 | 2024 | To date |
|---|--------------|------|------|---------|
| • Consultations in their homes: | 38 | 147 | 75 | 271 |
| • Visits to our harvesting sites | 11 | 92 | 23 | 127 |
| • <i>Water Conservation</i> articles published (4 mags): | 13 | 25 | 37 | 84 |
| • Presentations/Events – (attendees - 754): | 18 | 33 | 40 | 90 |
| • Mammen Family Library – <i>Aquifers</i> – Jun 3 (45) | | | | |
| • Mammen Family Library – <i>Rain Harvesting</i> – Jun 10 (57) | | | | |
| • Agri-Life Center – Rain Harvesting – Jun 15 (15) | | | | |
| • Mammen Family Library – <i>Rain Barrels & Wicking Gardens</i> – Jun 17 (54) | | | | |
| • Mammen Family Library – <i>Drip Irrigation</i> – Jun 24 (47) | | | | |
| • Mammen Family Library – <i>Landscape & Lawn Care</i> – Jul 1 (45) | | | | |
| • Mammen Family Library – <i>Find & Fix Leaks</i> – Jul 8 (43) | | | | |
| • Mammen Family Library – <i>Buzz of Beekeeping</i> – Jul 15 (38) | | | | |

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- **Presentations/Events (continued)**

- **Guadalupe Master Gardeners – *Drip Irrigation* – Jan 21 (35)**
- **Rockwall Ranch HOA – *Aquifers & Rain Harvesting* – Jul 18 (42)**
- **Mammen Family Library – *Xeriscaping* – Jun 22 (30)**
- **Mammen Family Library – *Rain Gardens* – Jul 29 (44)**
- **Mammen Family Library – *Bees, Butterflies, and Hummingbirds* – Aug 5 (31)**
- **Vintage Oaks HOA – *Rain Barrels* (102)**
- **Mammen Family Library – *Composting* – Aug 12 (43)**
- **Guadalupe County Master Gardeners – *RainBees model* – (22)**
- **Chamber Veteran's breakfast – *Aquifer status* – Aug 16 (21)**
- **Mammen Family Library – *Pruning & Winterizing Trees* – Aug 19 (40)**

Upcoming presentations – 18:

- **Comal Master Gardeners – *Rain Harvesting* – Sep 9 (30)**

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Upcoming presentations (continued):

- **Comal Master Gardeners – *Rain Barrels* – Sep 9 (30)**
- **Comal Master Gardeners – *Wicking buckets*– Sep 9 (30)**
- **Wilson County Master Gardeners – *Rain Harvesting* – Sep 10 (25)**
- **Wilson County Master Gardeners – *Rain Barrels* – Sep 10 (25)**
- **Wilson County Master Gardeners – *Wicking gardens* – Sep 10 (25)**
- **Garden Ridge Library – *Rain Harvesting* – Sep 20 (25)**
- **Mystic Shores HOA – *Rain Harvesting* – Sep 20 (40)**
- **National Night Out LAS – *Aquifer update* – Oct 1 (45)**
- **National Night Out JSG – *Aquifer update* – Oct 1 (30)**
- **Guadalupe Master Gardeners – *Rain Barrels* – Jan 21 (35)**
- **Guadalupe Master Gardeners – *Wicking Gardening* – Jan 21 (35)**
- **Guadalupe Master Gardeners – *Rain Harvesting* – Jan 21 (35)**

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Upcoming presentations (continued):

- **Comal Master Gardeners – *Rain Barrels* – Apr 9 (30)**
- **Comal Master Gardeners – *Wicking buckets* – Apr 9 (30)**
- **Comal Master Gardeners – *Rain Harvesting* – Apr 9 (30)**
- **Hidden Trails Garden Group – *Xeriscape* – TBD (15)**
- **Guadalupe Master Gardeners – *Rain Barrels* – Apr 15 (35)**
- **Guadalupe Master Gardeners – *Wicking Gardening* – Apr 15 (35)**
- **Guadalupe Master Gardeners – *Rain Harvesting* – Apr 15 (35)**

Added RainBee consultants

- **Joe DiPasquale**
- **Chuck McCollum**
- **Reggie Coots**