

BANDERA COUNTY RIVER AUTHORITY AND GROUNDWATER DISTRICT



Quarterly Newsletter

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Report.

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Mission Statement

The principle mission of the Bandera County River Authority and Groundwater District is to protect and preserve the County's water and natural resources for the State of Texas. The District is also tasked with maintaining local accountability of the County's water resources to help safeguard the property rights of the citizens of Bandera County.

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& Groundwater District



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EDUCATION & OUTREACH HIGHLIGHTS

Hydro-Geo Workshop: April 2, 2022

On Apr 2, 2022, BCragD employees Levi Sparks, Alyssa Balzan, and Shelby Scittonne participated in the Hydro-Geo Workshop held at Cave Without A Name in Boerne, Texas. Levi Sparks presented material co-created with Clinton Carter on the dynamics of the TCEQ Clean Rivers Program. The presentation included information on the "whys" of the program and sampling methods for water quality and biological portions. Mr. Sparks included a hands-on demonstration of the water sampling technique.

Alyssa Balzen hosted a Q&A module (that was planned by Shelby Scitton) on how and why to become a Professional Geologist, career development, hydrogeology-specific careers, working for a groundwater district, and the value of a Professional Geologist license. Brochures created by Charley Curd were issued to attendees. The literature contained information on joining professional societies and frequently asked career-related questions.



Top: Levi Sparks hands on demo of sampling techniques.
Bottom: Alyssa Balzen at he Q&A table.



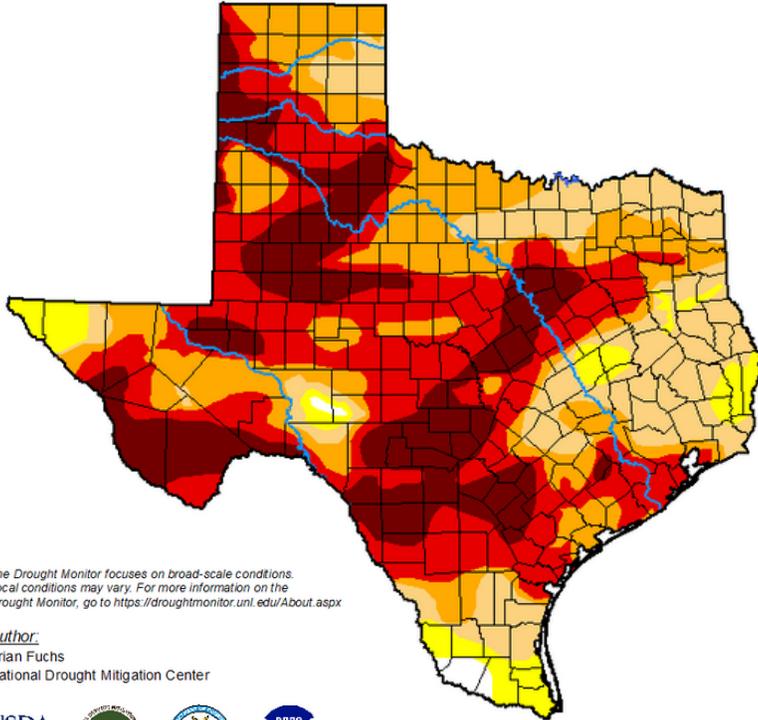
Corrina Fox & Charley Curd with the TPWD
Park Ambassador Program Members.

Texas Parks & Wildlife Project Wild Presentation

The education team Charley Curd & Corrina Fox attended the Growing Up Wild (TPWD) Presentation for the TPWD Park ambassador program. The purpose of attendance was to help assist current facilitators in order to gain more knowledge and experience facilitating the Project Wild curriculum. This particular program will enable the Education team to provide needed CEU's for educators while meeting BCragD's performance and management goals set forth by the State of Texas.

When the well is dry, we know the worth of water
-Benjamin Franklin

TEXAS DROUGHT



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:
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National Drought Mitigation Center



droughtmonitor.unl.edu

July 12, 2022

(Released Thursday, Jul. 14, 2022)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.76	99.24	93.82	75.70	51.80	21.32
Last Week 07-05-2022	2.47	97.53	86.79	66.05	45.91	16.11
3 Months Ago 04-12-2022	2.87	97.13	87.66	74.12	49.11	14.20
Start of Calendar Year 01-04-2022	7.58	92.42	79.83	54.25	16.69	0.00
Start of Water Year 09-28-2021	45.57	54.43	7.26	0.27	0.00	0.00
One Year Ago 07-13-2021	91.38	8.62	5.34	1.16	0.00	0.00

Intensity:

None
 D0 Abnormally Dry
 D1 Moderate Drought
 D2 Severe Drought
 D3 Extreme Drought
 D4 Exceptional Drought

Conservation Tips:

- Follow all water restriction guidelines set by local city, county, and state agencies (these are in place to reduce the chance of water supply issues).
- Cover Pools and Spas to avoid loss of water to evaporation.
- Shorten the length of showers (5 minutes or less).
- Reduce the number of toilet flushes a day.
- Pour unused water from water bottles onto grassy areas or use it to water plants.
- Run the dishwasher only when full.
- Only water during the coolest part of the day (evening or early morning).
- Fix leaks.



On June 21, 2022, The Education and Outreach team Visited the Medina Library to share the District's "All Water goes to the Ocean" program. 27 area children participated in hands-on activities that demonstrated concepts of how pollution spreads through the ground, human impact on water systems, water usage and conservation, and how quickly water can become polluted and unusable.

The picture to the left shows the Waste plume activity. This activity shows how waste on the ground can contaminate groundwater and well water by replicating how pollution spreads above and below ground.