

PINEYWOODS GROUNDWATER CONSERVATION DISTRICT



The Water Newsletter
Serving Angelina and Nacogdoches Counties

1st Quarter 2021

[U.S. Drought Monitor](#) [CPC Seasonal Drought Outlook](#)

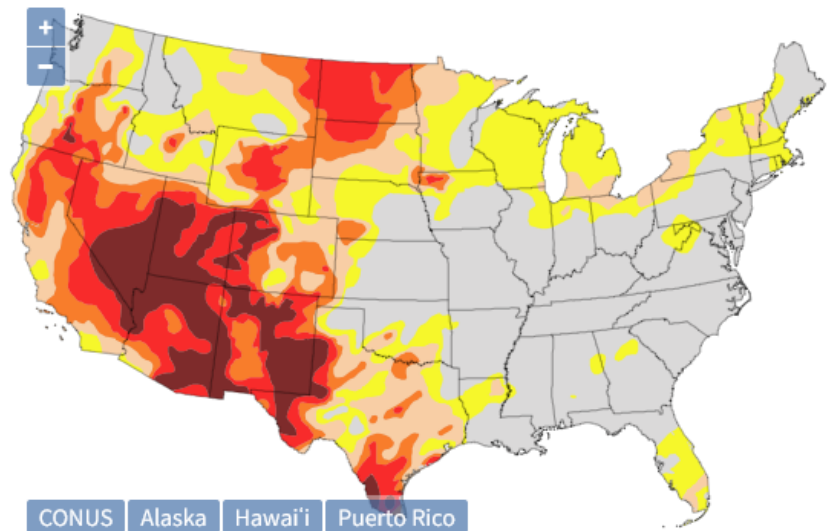
The U.S. Drought Monitor (USDM) is updated each Thursday to show the location and intensity of drought across the country. Drought categories show experts' assessments of conditions related to dryness and drought including observations of how much water is available in streams, lakes, and soils compared to usual for the same time of year.

Learn More

U.S. Drought Monitor Category

 D0 - Abnormally Dry	58.4%
 D1 - Moderate Drought	37.6%
 D2 - Severe Drought	25.6%
 D3 - Extreme Drought	16.9%
 D4 - Exceptional Drought	7.4%

Source(s): [NDMC](#), [NOAA](#), [USDA](#)



Updates Weekly - 04/06/21

At a Glance:

Wells in PGCD Database
12/31/2020

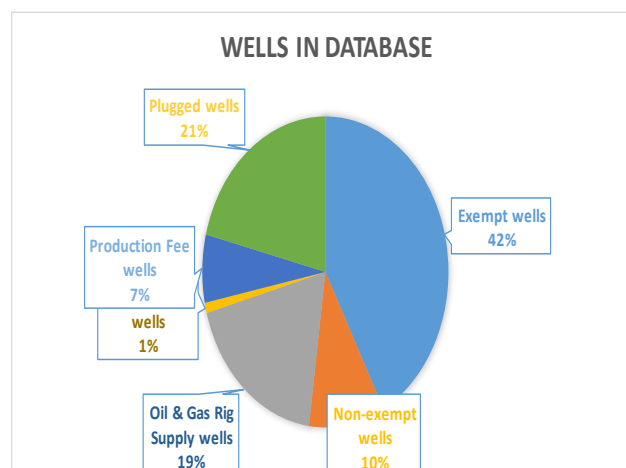
17 exempt wells and 1 non-exempt well in progress

Total Exempt wells in database— 1224

Total Non-exempt wells in database— 289

Total Production fee based wells— 206

Total District wells recorded
— 2,841



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"They are able who think they are able".

Virgil

Water Weekly

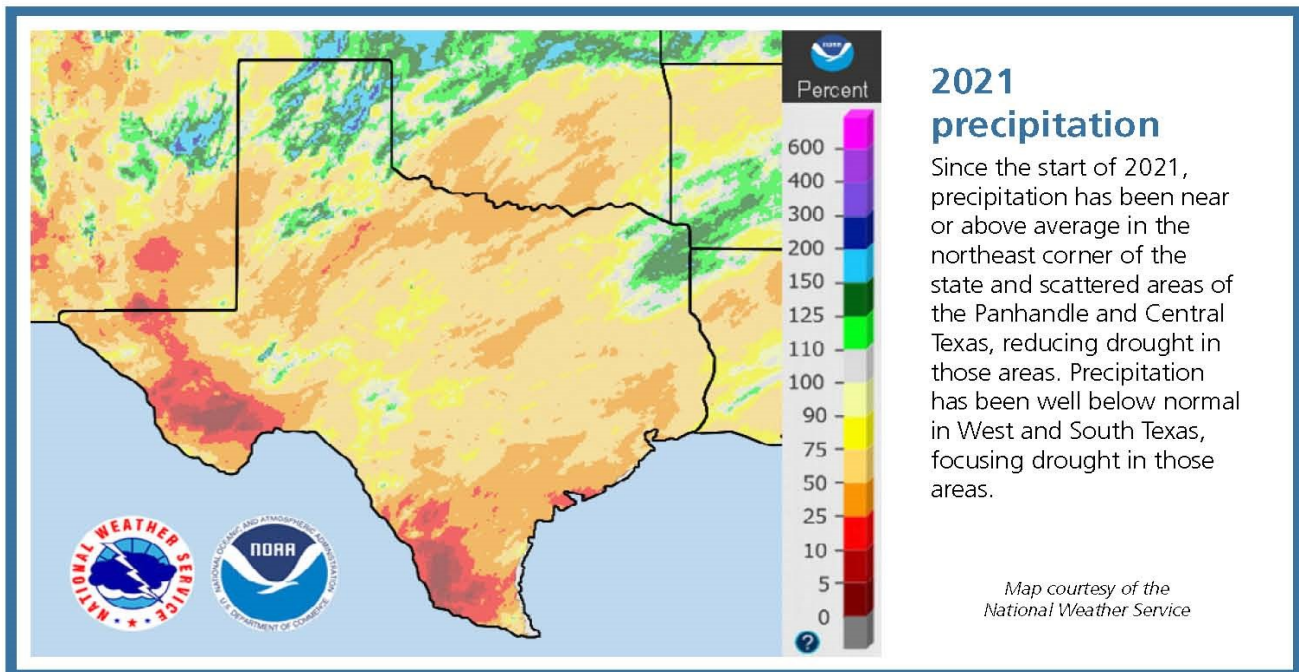
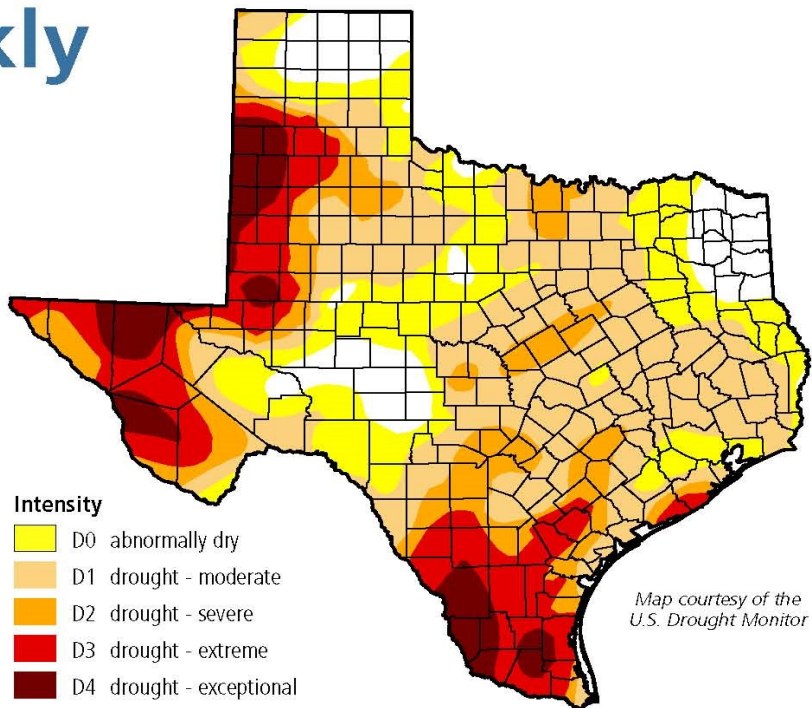
For the week of 04/05/21

Water conditions

The latest drought map for conditions as of March 30 shows some improvements in the northern Panhandle and Central Texas and a mix of improvements and degradations in East Texas. The net effect is a small increase in the total area of the state impacted by drought.

Drought conditions

- ◆ 69% now
- ◆ 68% a week ago
- ◆ 81% three months ago
- ◆ 20% a year ago



Written by Dr. Mark Wentzel — Dr. Mark Wentzel is a hydrologist in the TWDB's Office of Water Science and Conservation.

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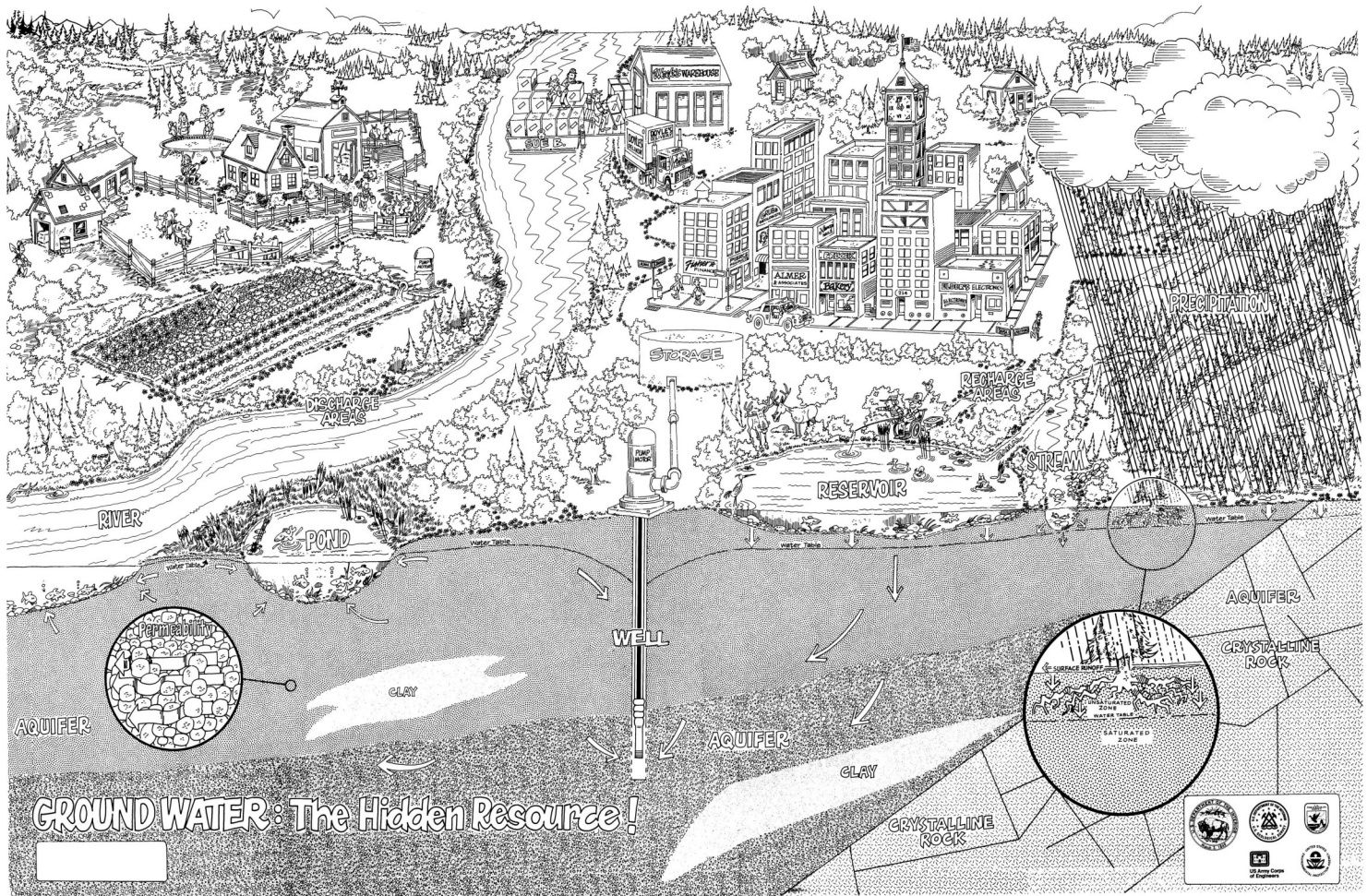
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Texas Water
Development Board

Conservation Tip: A dripping faucet can waste from one to eight gallons of water per day. Fix leaking faucets to avoid wasting water.



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David Alders—Vice President

Gloria Montes—Secretary

Tommy Carswell—Treasurer

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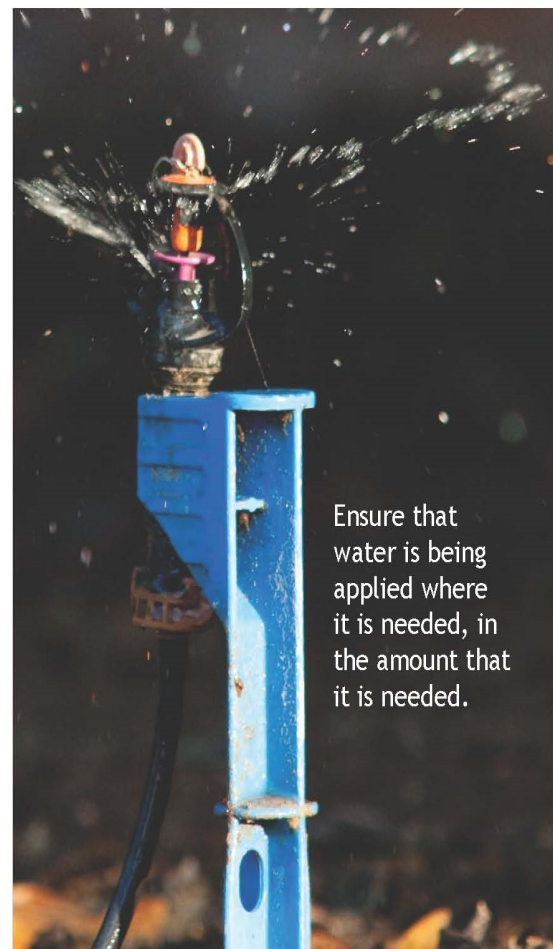
John McFarland—General Manager

Wil Blough—Administrative Assistant

The key to efficient irrigation is to understand a plant's adaptation. Plants adapted to conditions in a region will require less irrigation because they are already in a favorable environment. Established plants do well in the summer when watered about once a week, especially if mulch is placed around them. New plantings require more frequent watering during establishment for root growth. Using groundcovers in sloping sites decreases runoff. Grass and weed removal from beneath trees and shrubs allows their roots to be more evenly distributed, increase in number, and draw nutrients and moisture from a larger volume of soil.

Make irrigation work for you

Low-output sprinkler heads, bubblers, or drip irrigation systems decrease runoff and are efficient ways to apply water. Drip irrigation systems take longer to wet the soil but lose very little water to evaporation. Automatic sprinklers offer convenience but must be managed to avoid water waste. Use a sprinkler that emits large drops of water that remain close to the ground, not one that sprays a fine mist into the air. Water deeply and infrequently to encourage deep, well-established root systems. Irrigate trees, shrubs, and other landscape plants separately from turf. By grouping plants according to watering needs, you can apply irrigation more efficiently.



Ensure that water is being applied where it is needed, in the amount that it is needed.

Upcoming Events

Regularly scheduled PGCD board meeting— April 14 Kurth lake

Regularly scheduled meeting of Groundwater Management Area 11- - - April 28, Nacogdoches City Hall

Regularly scheduled meeting of Regional Water Planning Area, Region I, - - - Aug 18 2021

Regularly scheduled meeting of Regional Water Planning Area, Region D, - - - TBD

District Holidays

The District Office will be closed for the following holidays:

Friday April 2, 2021 Good Friday

Monday May 31, 2021 Memorial Day

Contact Us

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Conservation District

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