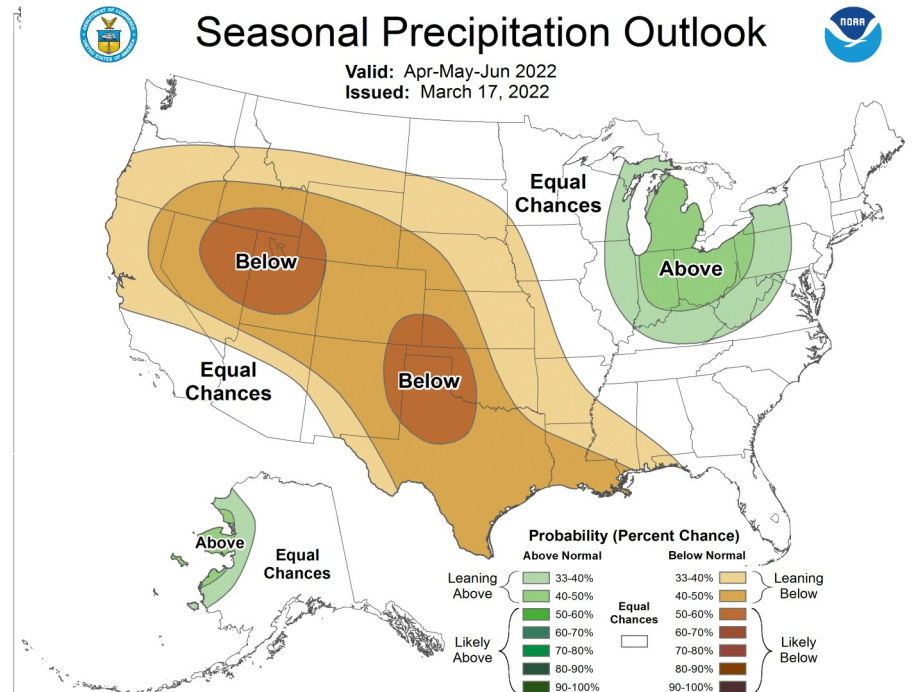




PINEYWOODS GROUNDWATER CONSERVATION DISTRICT

The Water Newsletter
Serving Angelina and Nacogdoches Counties

1st Quarter 2022



The [three month precipitation outlook](#), issued on February 17, 2022 shows that rainfall will lean below normal (brown) over the western two-thirds of the state, with lower chances of being likely below normal (light brown) in a swath of the state extending from north Texas through east Texas. There are equal chances (white) of rainfall being above- or below-normal in northeast Texas.

Blog post date: March 18, 2022 The Drought Dashboard is produced in collaboration with the Office of the Texas State Climatologist.

Pineywoods Groundwater Conservation District
P.O. Box 635187
Nacogdoches, Texas 75963-5187

PLACE
STAMP
HERE

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At a Glance:

Wells in PGCD Database
4/01/2022

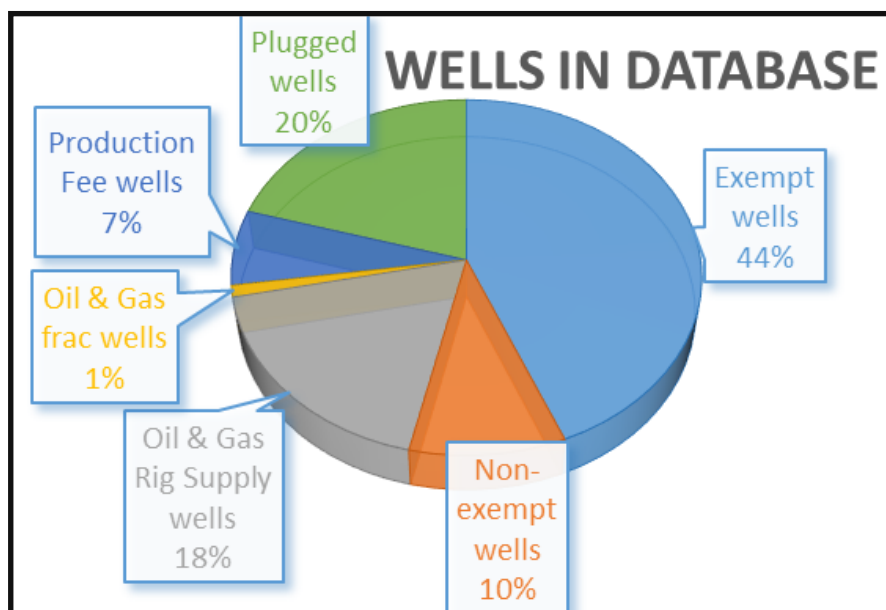
11 exempt wells and 2 non-exempt well in progress

Total Exempt wells – 1318
Total Non-exempt wells – 295
Total Production fee wells – 206
O&G wells — 545
Frac wells i — 32
Plugged wells — 615
Total District wells recorded— 3,011

RULE 1 – DEFINITIONS AND CONCEPTS

(s) “Waste” means any one or more of the following:

withdrawal of groundwater from a groundwater reservoir at a rate and in an amount that causes or threatens to cause intrusion into the reservoir of water unsuitable for agricultural, gardening, domestic, or stock raising purposes; the flowing or producing of wells from a groundwater reservoir if the water produced is not used for a beneficial purpose; escape of groundwater from a groundwater reservoir to any other reservoir or geologic strata not containing groundwater; pollution or harmful alteration of groundwater in a groundwater reservoir by saltwater or by other deleterious matter from another stratum or from the surface of the ground; willfully or negligently causing, suffering, or allowing groundwater to escape into any river, creek, natural watercourse, depression, lake reservoir, drain, sewer, street, highway, road, or road ditch, or onto any land other than that of the owner of the well unless such discharge is authorized by permit, rule, or order issued by the commission under Chapter 26, Texas Water Code; groundwater released on well startup or well development in order to improve water quality shall not constitute waste as defined above.



“Nature has given to men one tongue, but two ears, that we may hear from others twice as much as we speak. “

Epictetus

Conservation Tip:

Plant water-efficient, well-adapted, and/or native shrubs, trees, and grasses. Choose plants that are drought and heat tolerant and can survive the minimum winter temperatures in your area. In odd-shaped areas, use drought-tolerant groundcover instead of grass. Many cities provide lists of water-efficient plants.

Water Weekly

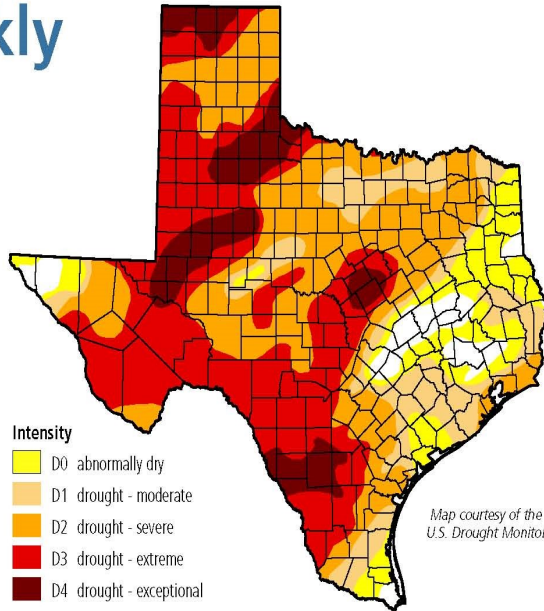
For the week of 04/11/22

Water conditions

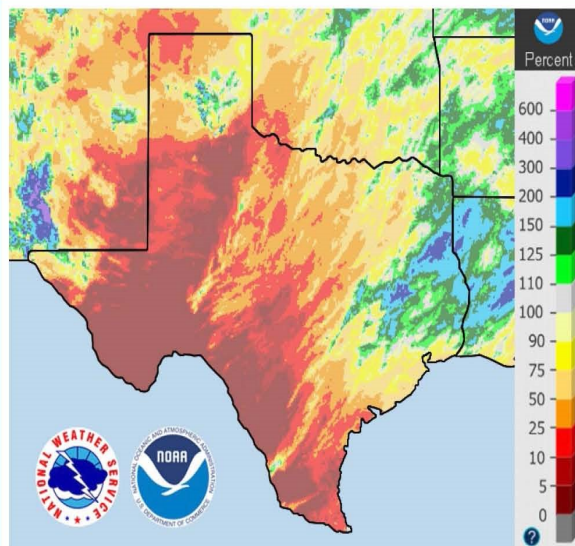
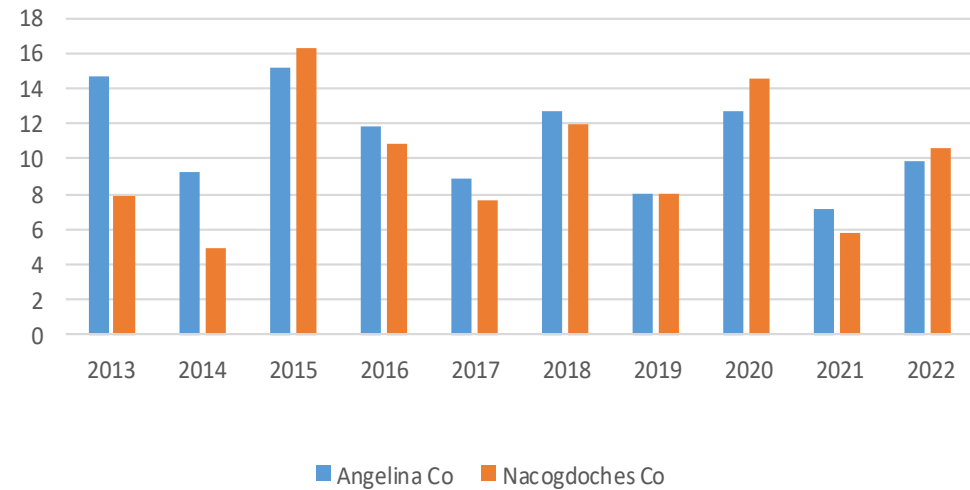
The latest drought map for conditions as of April 5 shows overall improvement compared to the previous week. Recent rains have brought some relief to areas in north central and northeast Texas. In the remainder of the state, drought degradation has continued to outpace drought improvements.

Drought conditions

- 85% now
- 88% a week ago
- 80% three months ago
- 74% a year ago



Year to Date Rainfall Comparison 2013 to 2022 January to April 1



March precipitation

Precipitation was less than half of normal for more than half the state in March. Statewide, rainfall in March was below normal for the seventh consecutive month, making September 2021 to March 2022 the driest September through March since 1967 and the eighth driest such period in 127 years.

Map courtesy of the National Weather Service

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

Bryan McMath, Governmental Relations | bryan.mcmath@twdb.texas.gov | 512-463-7850

Kaci Woodrome, Media Relations | kaci.woodrome@twdb.texas.gov | 512-475-1720

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Texas Water
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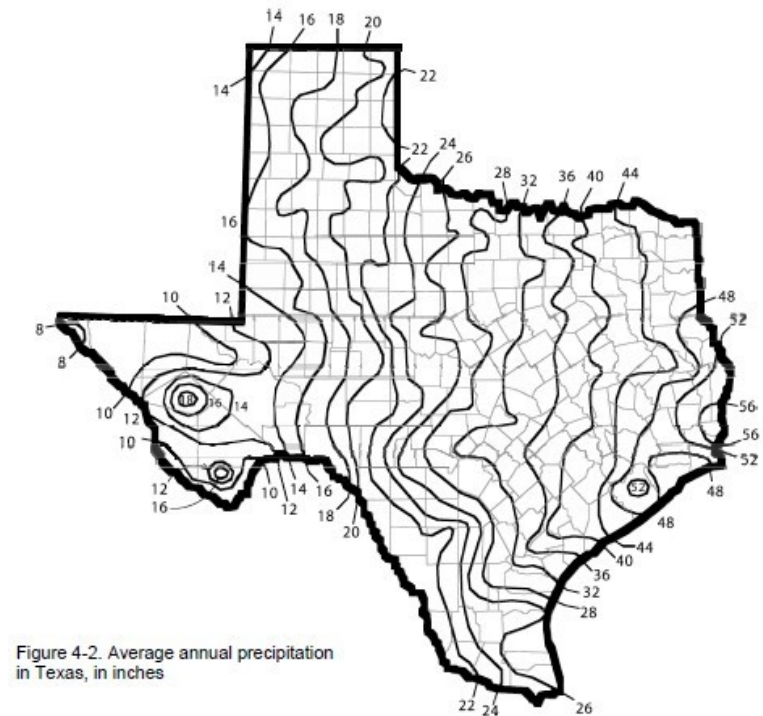


Figure 4-2. Average annual precipitation in Texas, in inches



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Contact Us

Pineywoods Groundwater
Conservation District

P.O. Box 635187
Nacogdoches, Tx 75963-
5187

Phone: (936) 568-9292

Fax: (936) 568-9296

Email: staff@pgcd.org

202 E. Pilar, Room 132

Upcoming Events

Regularly scheduled PGCD board meeting—
May 11, 2022 @ 1:30, Kurth lake with public
hearing for adoption of new DFC's

Regularly scheduled meeting of Regional Water
Planning Area, Region I, - - - Wednesday April 7,
2022, 10:00am Nacogdoches Recreation Center,
Nacogdoches, Texas

Regularly scheduled meeting of Regional Water
Planning Area, Region D, - - - April 13, 2022
Region 8 Education Service Center, Pittsburg, Texas

District Holidays

The District Office will be closed for the following
holidays:

Friday April 15, 2022 - Good Friday

Monday - Memorial Day May 30, 2022

Monday - Independence Day July 4, 2022

Serving Angelina and Nacogdoches Counties