

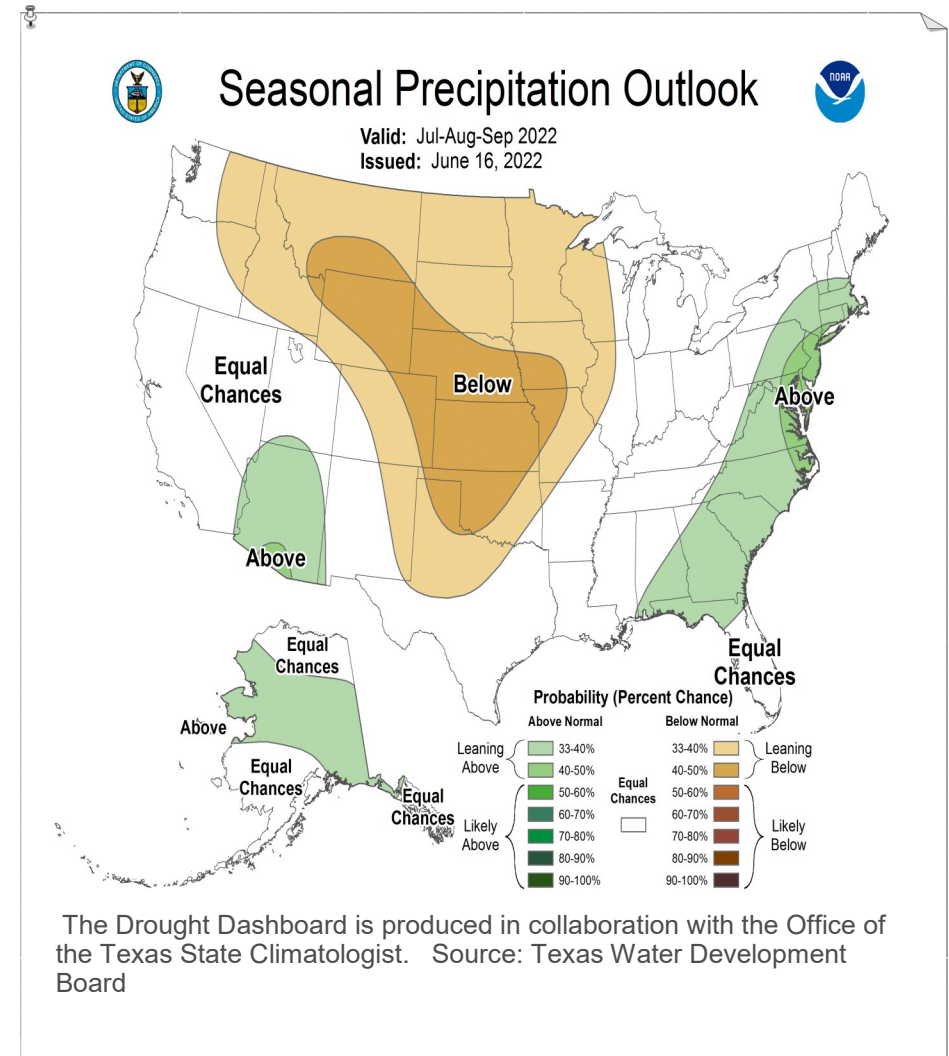


# PINEYWOODS GROUNDWATER CONSERVATION DISTRICT

The Water Newsletter  
Serving Angelina and Nacogdoches Counties

2nd Quarter 2022

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  
7/01/2022

21 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— 3,012

# Texas Administrative Code

RULE §76.72 Responsibilities of the Licensee and Landowner--Well Drilling, Completion, Capping and Plugging:

- All well drillers, installers and persons having a well drilled, deepened or altered, and persons in possession of abandoned or deteriorated wells, shall adhere to the provisions of the Code and this chapter prescribing the location of wells and proper drilling, completion, capping, repairing and plugging.
- (b) A licensed driller shall ensure that when injurious water or constituents are knowingly encountered, the well is plugged or is converted into a properly completed monitoring well as defined in §76.10(35), and under the standards set forth in §76.104.

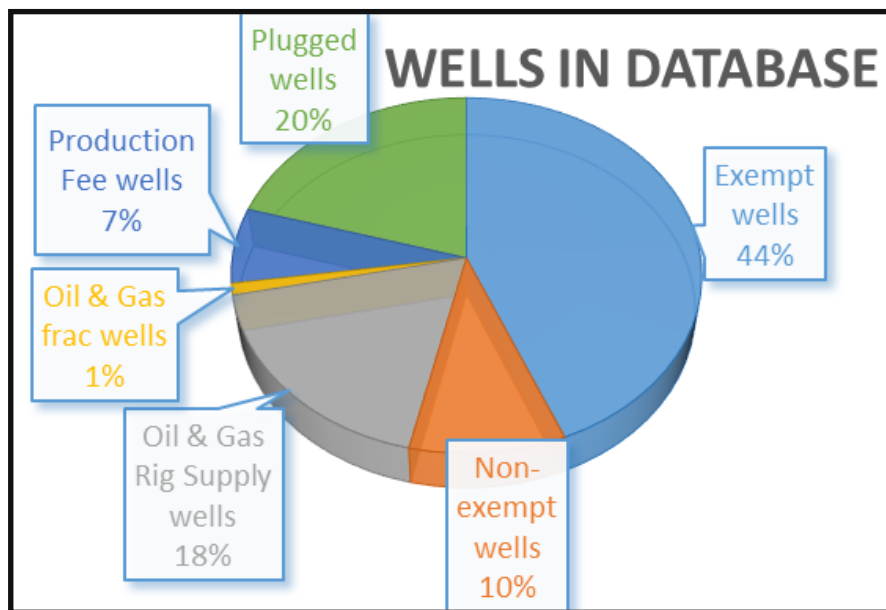
(c) A driller must comply with applicable requirements of the Texas Commission on Environmental Quality rules under 30 TAC Chapter 331, if injurious water or constituents are encountered while drilling a Class V Injection well.

(d) If a landowner, or person having the well drilled, deepened or altered refuses to allow a licensed driller or installer access to the well which requires plugging, capping, repairing or completion or otherwise precludes the driller or installer from plugging, capping, repairing or completing a well where injurious constituents or water have been encountered, the driller shall, within forty-eight (48) hours of the refusal, file a signed statement to that effect with the department and provide a copy of the statement to the local groundwater conservation district. The statement shall indicate that: (1) the driller, installer or person under his supervision, encountered injurious water or constituents while drilling the well; (2) the driller or installer has informed the person having the well drilled, deepened or otherwise altered that injurious water or constituents were encountered and that the well must be plugged or completed pursuant to Texas Occupations Code, §1901.254 or §1902.253, and this chapter; (3) the person or landowner having the well drilled, deepened or altered has denied the driller or installer access to the well; (4) the reason, if known, for which access has been denied; and (5) if known, whether the person having the well drilled, deepened or otherwise altered intends to have the well plugged or completed.

(e) A deteriorated well must be plugged. An abandoned well must be either capped or plugged. If a landowner or person who possesses an abandoned or deteriorated well fails to have the well plugged or capped under standards and procedures adopted by the commission within one hundred eighty (180) days from learning of its condition, the department shall notify the local groundwater conservation district and the department may initiate a contested case against the landowner or person for a violation of Texas Occupations Code, §1901.255.

(f) It is the responsibility of a landowner or person in possession of a well that is open at the surface, to have the well capped under standards set forth in §76.104, unless subsection (g) of this section applies.

(g) The driller of a newly-drilled well shall place a cover or cap which is not easily removed over the boring or casing if the well is intended to be left unattended without a pump installed. It shall be the responsibility of the pump installer to place a cap over the casing which is not easily removable if the well is intended to be left unattended with the pump removed.



**“Fewer things are harder to put up with than the annoyance of a good example. “**

**Mark Twain**

# Water Weekly

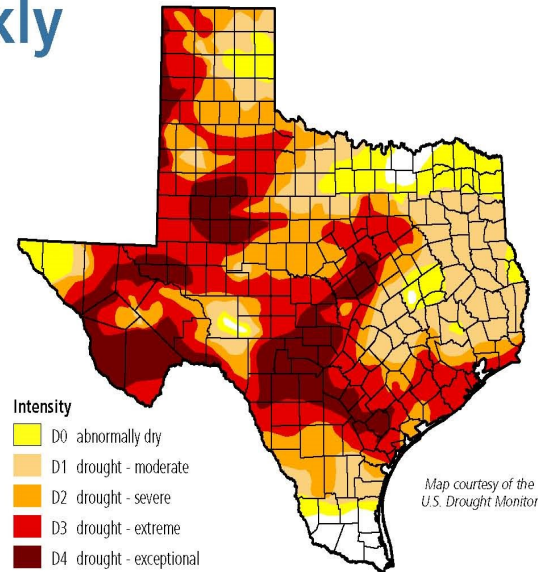
For the week of 07/05/22

## Water conditions

The latest drought map for conditions as of June 28 shows expansion and intensification of drought for the fourth consecutive week. Drought conditions eased in small areas of the Panhandle and West Texas. But drought developed and intensified in large areas of East Texas.

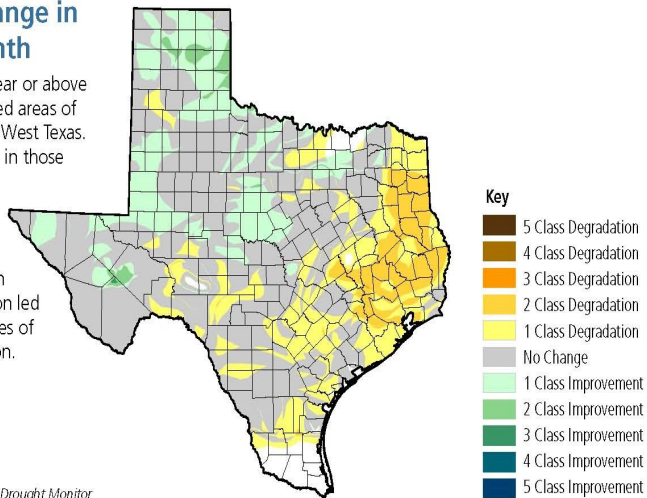
### Drought conditions

- ◆ 86% now
- ◆ 81% a week ago
- ◆ 88% three months ago
- ◆ 9% a year ago



## Drought change in the last month

June rainfall was near or above average for scattered areas of the Panhandle and West Texas. Drought conditions in those areas improved as much as two or more drought classes. In East Texas, less than average precipitation led to one to two classes of drought degradation.



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

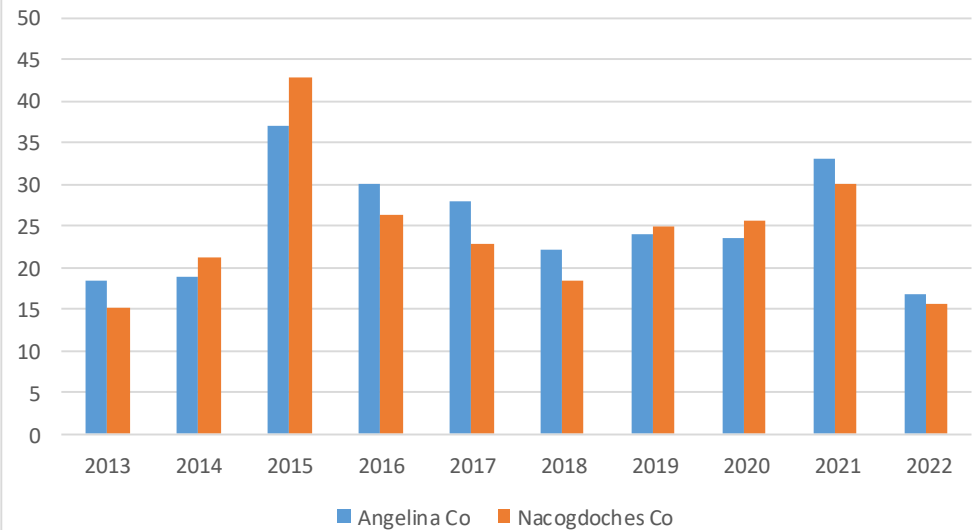
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Texas Water  
Development Board

## Year to Date Rainfall Comparison

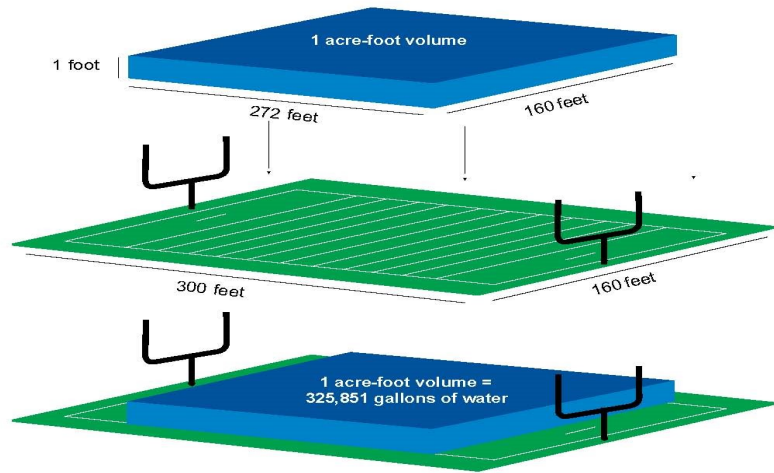


## WATER-WISE CONSERVATION STEPS

Many Texas water utilities charge higher rates during the summer or increase rates in increments based on use. Reducing your outdoor water use by following these steps can produce substantial savings in your water bill: 1) Determine how much water your landscape needs to stay healthy. 2) Use water-efficient landscape practices, such as proper mowing, mulching, and moderate fertilizing. 3) Design a water-efficient landscape by planting drought-tolerant grass and choosing plants that are native or well adapted to the climate conditions in your area.

**WATER-WISE LANDSCAPE** How often should I water? It depends! Keep in mind the factors that influence the water needs of your landscape such as soil type and depth, sun exposure, and plant selection. Thorough but infrequent watering will help grass and shrubs develop deep roots. It is especially important to start this during the spring when root growth is at its peak. Over-watered turf will have a short root system and will not be drought tolerant. By slowly adjusting to successively longer periods between waterings, the turf can grow deeper roots and become more drought tolerant. What time of day should I water? Early in the morning is best. Otherwise, the water can evaporate between the sprinkler and grass before reaching the ground and even from the soil after the water soaks in.

# WHAT IS AN ACRE-FOOT?



One acre-foot is the amount of water it would take to flood one acre to a depth of one foot.

One acre-foot of water is enough to support the municipal use of six Texans for one year.

By 2020, Texas is projected to have a demand of 18.5 million acre-feet of water for all water uses per year.

For games and animation, visit our TWDB Kids website.

<http://www.twdb.texas.gov/kids>

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## Upcoming Events

Regularly scheduled PGCD board meeting—  
August 17, 2022 @ 1:30, Kurth lake with public  
hearing for adoption of new DFC's

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

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

Regularly scheduled meeting of Groundwater  
Management Area 11 - - TBD

## District Holidays

The District Office will be closed for the following  
holidays:

Monday - Independence Day July 4, 2022

Monday—Labor Day September 5, 2022

**Serving Angelina and Nacogdoches Counties**