



## PINEYWOODS GROUNDWATER CONSERVATION DISTRICT

The Water Newsletter  
Serving Angelina and Nacogdoches Counties

**4th Quarter 2021**

### Protect your well water from freezing temperatures

It's that time of year again. One day it's 80 degrees and the next morning the temperature is below freezing. You know what they say about East Texas weather: If you don't like it, wait a minute, and it will change. When it comes to freezing water pipes, a small amount of prevention is better than the alternative.

#### Protecting the well:

Wrap your pressure tank with insulation and cover the pump if it's above the surface. If you have a well house, using a small space heater or even a light will help. (use an incandescent bulb. LED and florescent bulbs don't generate heat) Use pipe insulation on all pipes that are above ground. Heating tape can also be used to protect pipes.

#### Protecting outside faucets:

The home supply store will have a large supply of insulated faucet covers if you get there early. None if you get there late! The foam pipe insulation can be cut to fit faucets

and is a cheap alternative. In a bind I have been known to use old athletic socks and "duck" tape. "Duck" tape is good for just about everything.

#### Protecting inside faucets:

When the temperature drops below freezing it's a good idea to drip at least one faucet in the house and open the cabinet doors under sinks (especially sinks on exterior walls. Definitely on the northern facing wall) The open cabinet doors will allow heat inside the house to warm the pipes under the sinks. Be sure to move all hazardous chemicals stored in the cabinets out of the reach of small children and pets.

#### Protecting your water bill:

After a freezing event, be sure to shut off all water using devices inside your house and go out and check the water meter. If the meter indicates that water is flowing, you may have a leak. An unchecked water leak can drive your water bill up quickly. You may need the help of a licensed plumber at this point.

Pineywoods Groundwater Conservation District  
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PLACE  
STAMP  
HERE

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## At a Glance:

Wells in PGCD Database  
12/31/2021

19 exempt wells and 5 non-exempt well in progress

Total Exempt wells in database – 1269

Total Non-exempt wells in database– 294

Total Production fee based wells– 206

Total District wells recorded– 2,956

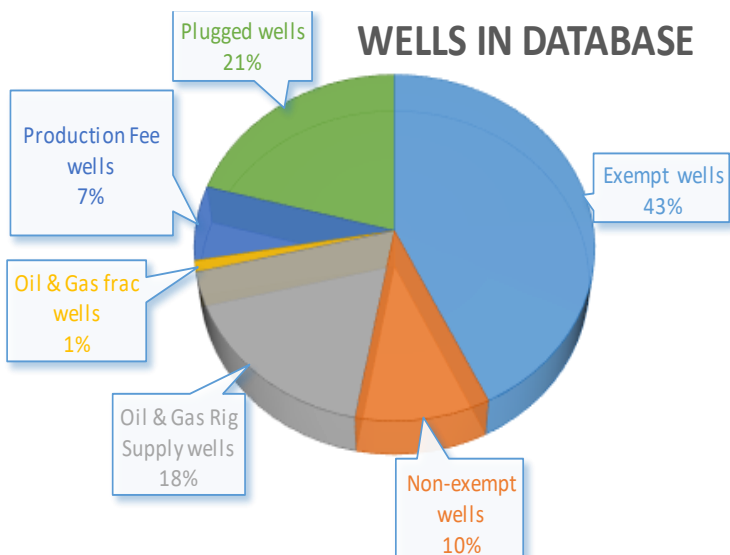
## RULE 6 – REQUIREMENT OF DRILLERS LOG, CASING AND PUMP DATA

(a) Complete records shall be kept and reports thereof made to the District concerning the drilling, maximum production potential, equipping and completion of all wells drilled. Such records shall include an accurate driller's log, any electric log which shall have been made, and such additional data concerning the description of the well, its potential, hereinafter referred to as "maximum rate of production" and its actual equipment and rate of discharge permitted by said equipment as may be required by the Board. Such records shall be filed with the District Board within 60 days after completion of the well. (b) The well driller shall deliver either in person, by fax, email, or send by first-class mail, a photocopy of the State Well Report to the District within 60 days from the completion or cessation of drilling, deepening, or otherwise altering a well. (c) No person shall produce water from any well hereafter drilled and equipped within the District, except that necessary to the drilling and testing of such well and equipment, unless or until the District has been furnished an accurate driller's log, any electric log which shall have been made, and a registration of the well correctly furnishing all available information required on the forms furnished by the District.

## Conservation Tip:

Know how to and read your water meter monthly. If you know what your average monthly water use is, you can quickly spot unusual increases and look for the cause. A leaky toilet or a broken sprinkler head can run a water bill up quickly.

## WELLS IN DATABASE



**"If you think about what you ought to do for other people, your character will take care of itself."**

**Woodrow Wilson**

# Water Weekly

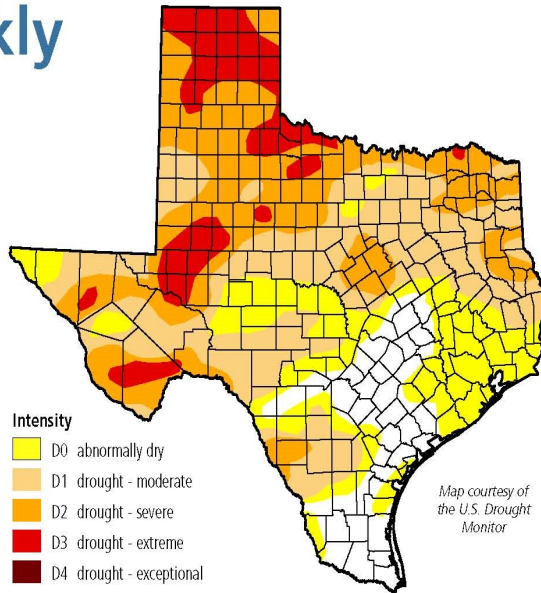
For the week of 01/03/22

## Water conditions

December 2021 was one of the warmest and driest Decembers on record for Texas. As a result, the latest map for conditions as of December 28 shows continued expansion and intensification of drought. Extreme drought now covers more than 10 percent of the state.

## Drought conditions

- ◆ 67% now
- ◆ 65% a week ago
- ◆ 7% three months ago
- ◆ 81% a year ago



## Texas percent area

Texas began 2021 with more than 80 percent of the state in drought. Above average rainfall that began in May reduced the area of the state in drought to less than 5 percent by mid-July. But since early September, drought has been steadily increasing across the state.

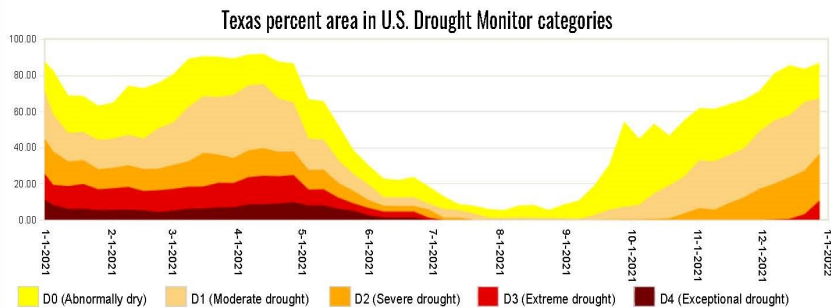


Chart courtesy of the U.S. Drought Monitor

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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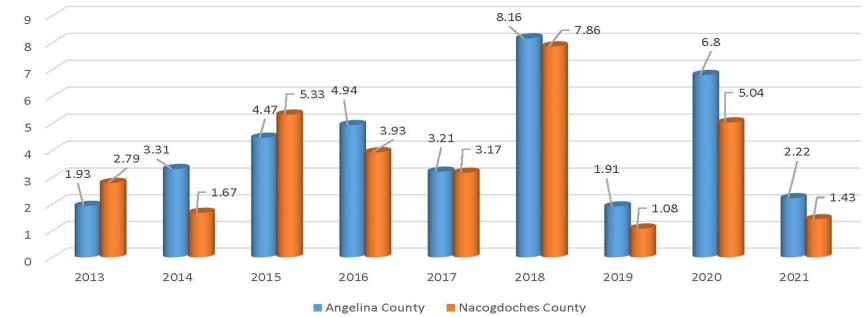
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Texas Water  
Development Board

Monthly Rainfall Comparison December 2013 to 2021



Annual Rainfall 2013 to 2021

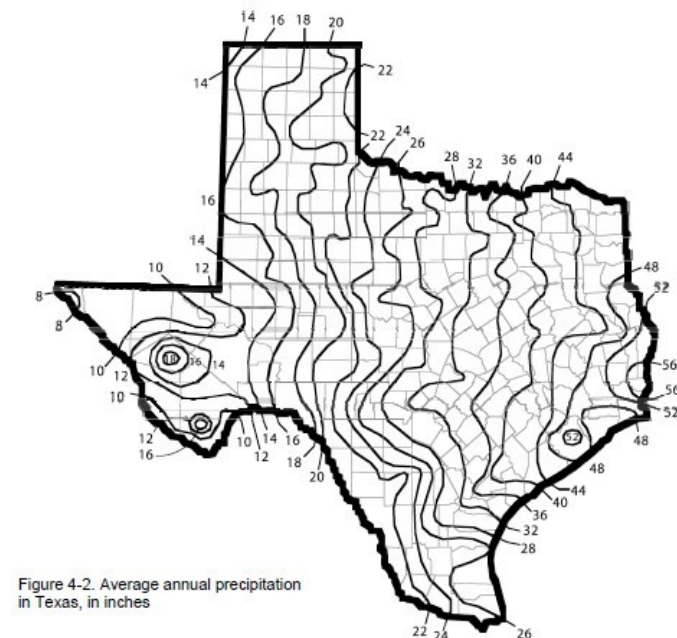
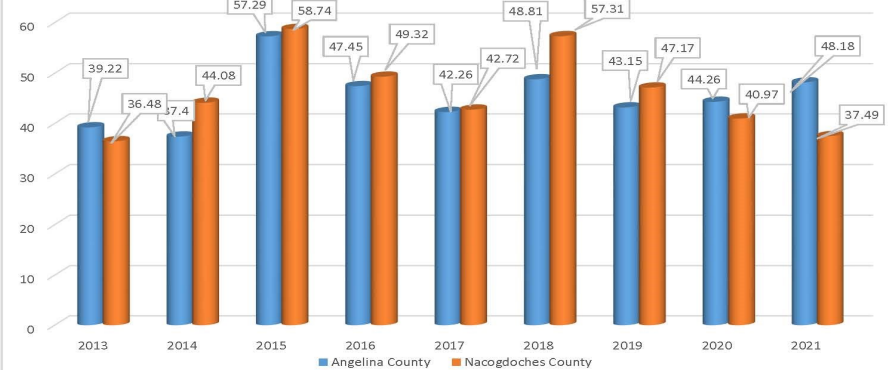


Figure 4-2. Average annual precipitation in Texas, in inches

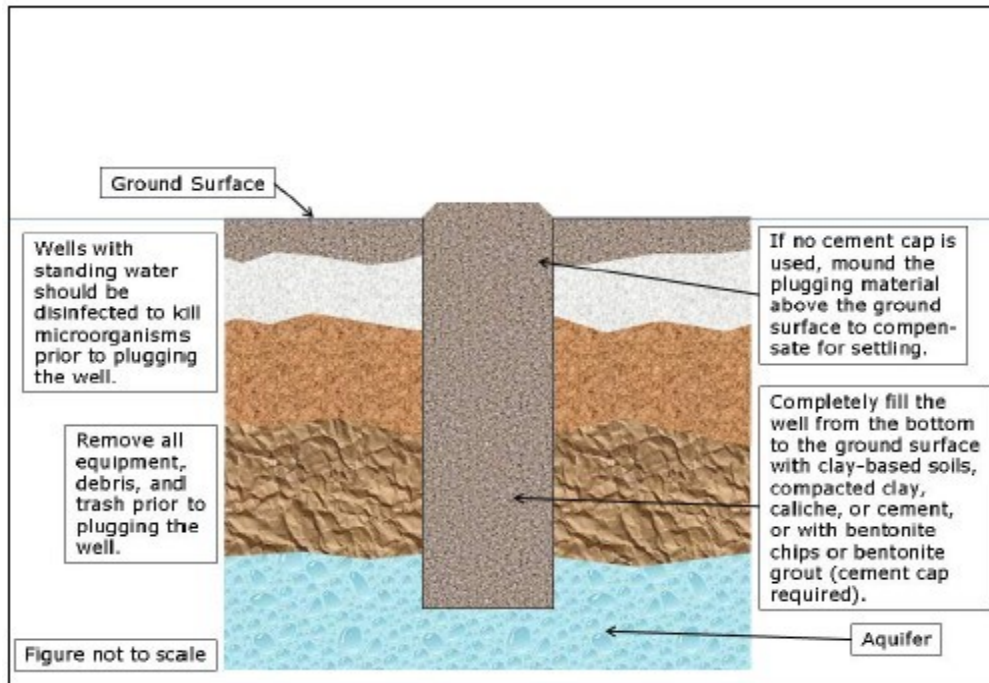


Figure 1. Plugged Large-Diameter Well

## Board of Directors

Jimmy Mize—President  
David Alders—Vice President  
Gloria Montes—Secretary  
Tommy Carswell—Treasurer  
Stephen Raley—Director  
Kevin Gee—Director  
Glen Collier—Director

## Staff

John McFarland—General Manager  
Wil Blough—Administrative Assistant

## Contact Us

Pineywoods Groundwater Conservation District

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202 E. Pilar, Room 132

## Upcoming Events

Regularly scheduled PGCD board meeting—  
February 23, 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 February 16th, 2022, 10:00am Nacogdoches Recreation Center, Nacogdoches, Texas

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

## District Holidays

The District Office will be closed for the following holidays:

Monday January 17, 2022 - MLK Day

Friday April 15, 2022 - Good Friday

Serving Angelina and Nacogdoches Counties