"It won't be easy... nothing about water is easy."

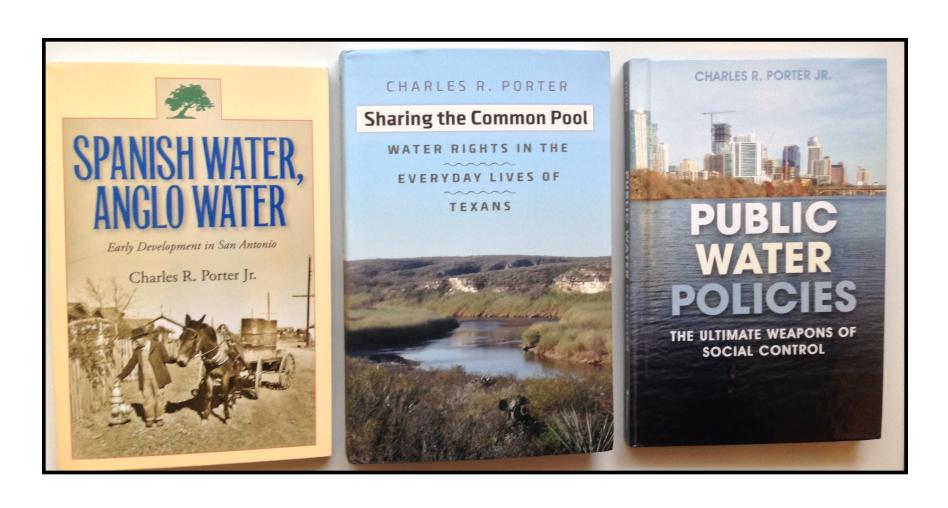
Post Oak Savannah Groundwater Conservation District Presents

Groundwater Rights for Real Estate

By: Dr. Charles Porter

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www.charlesporter.com



Porter's Water Policy *Trilogy*

Who owns water in Texas? Whose rights should prevail?



Why Seek Expertise in Water Rights?

- Implications on fair market value of real estate
- Implications for community associations being able to maintain a "going concern"
- Implications for the funding of our most cherished social value in Texas public school education through the 12th grade
- License holders owe fiduciary duties to their clients and mus treat the public fairly and honestly

"Water renders the land its value."

George W. Brackenridge to his brother Thomas in 1879.

Significant Consequences: BE PREPARED!

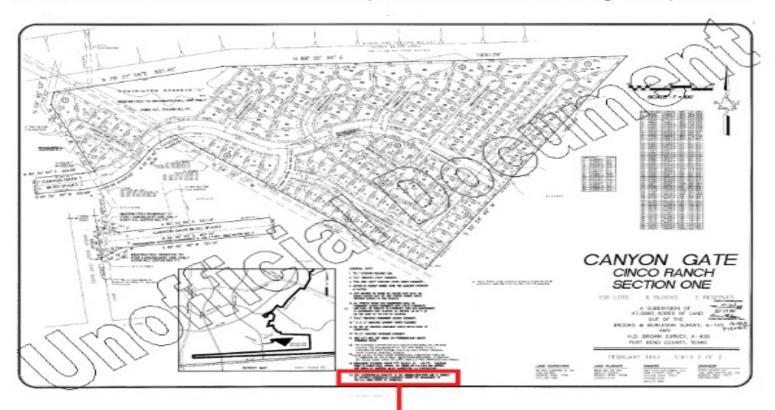
Extreme Drought

Exuberance of Population Growth

Changes in Flood Insurance

Abnormal Intensity of Weather Events

In 1997, Fort Bend County issued a warning — over the objections of developers — that the federal government could flood the planned subdivisions in case of a storm. But many homeowners never saw the obscure land document, called a plat, where the warning was printed.



15. THIS SUBDIVISION IS ADJACENT TO THE BARKER RESERVIOR AND IS SUBJECT TO EXTENDED CONTROLLED INUNDATION UNDER THE MANAGEMENT OF THE U.S. ARMY CORPS OF ENGINEERS.



NAVIGATING SELLER'S DISCLOSURE AFTER HARVEY

by Charles Porter, Ph.D., and Gary L. Pate

In the aftermath of Harvey, many are wondering about the duties of disclosure real estate agents owe to buyers and sellers.

The Texas Real Estate License Act (Chapter 1101, Texas Occupations Code) lists a number of ways in which real estate agents' behavior could result in suspension or revocation of licensure. Among others, Sections 1101.652 (b) (1-4) are germane to agents' behavior related to the disclosure of flooding. Specifically, agents are required to disclose to a potential buyer "a significant defect, including a latent structural defect, known to the license holder that would be a significant factor to a reasonable and prudent buyer in making a decision to purchase real property."

As to flooding of real property, there is no doubt this condition is a significant defect that must be disclosed to a potential buyer if actually known to the agent. Although the License Act only requires disclosure of what is actually known, it is possible a court could impose a broader standard of "ought to have known" on license holders. As a fiduciary, license holders must represent the interest of their clients and perform services with the necessary levels of integrity and competency. After Hurricane Harvey flooding in Houston and the massive publicity worldwide, it seems improbable that any real estate

agent in the southeast Texas area did not know about the event. An agent's fiduciary duty may require a license holder to investigate for their clients whether a property in the Houston area actually flooded.

Do's and don'ts for disclosure about flooding

Do ask questions about flooding events. You may need to contact FEMA or local authorities to dig deeper into the flooding event and what, if anything, governmental authorities had done to remedy future flooding. TREC rules also indicate that if an agent doesn't ask these kinds of questions, the agent could be guilty of an act of omission if the agent chooses not to make further inquiries. Do advise clients to inquire about

the flood zone. Buyer's agents should have their clients determine if the property is situated in a flood zone and to check on the availability of flood insurance. You may want to provide this information to your buyers in writing.

Don't offer legal or engineering advice. This is only appropriate if you hold licenses in those professions. Tell your client to instead seek the assistance of an attorney, civil engineer, or other appropriate professional so he or she can understand the risks involved in a property that has flooded or could flood in the future.

Do carefully consider what you disclose. In the event a homeowner whose property flooded seeks legal action against you for flood-related disclosures, attorneys will question

- What did you actually know about prior flooding of the property in question or about the property's location inside a FEMA-designated flood zone?
- What did you tell potential buyers or sellers of your actual knowledge?
- When did you tell potential buyers or sellers of your actual knowledge of the property's flooding issues?

Will there be court rulings in future lawsuits involving real estate agents in the aftermath of Hurricane Harvey's flooding that clarify the duties agents owe clients and customers? Perhaps, but there is no doubt you already must disclose your actual knowledge about flooding events to any purchaser.

DR. CHARLES PORTER is an author, teacher, Texas real estate broker, and testifying water rights and real estate expert named in over 600 cases. He is a visiting professor in the College of Arts and Humanities-University Studies at St. Edward's University in Austin.

GARY L. PATE is a partner with Martin, Disiere, Jefferson & Wisdom, L.L.P. in Houston and is co-chair of the commercial and residential real estate section of the firm.

The seller's disclosure notice is not the real estate agent's disclosure but the *seller's* disclosure. While you may provide the form and answer questions about it, you should not complete the form for a seller. Stress to sellers the importance of answering the questions honestly and thoroughly. It is hard to imagine a seller harmed by over-disclosure.

Members of the Texas Association of REALTORS* have exclusive access to the Seller's Disclosure Notice (TAR 1406), which has options to disclose information about a property's flooding history, including whether there has been flooding and if there is present flood insurance coverage.

Fiduciary Duties

Rules of the Texas Real Estate Commission

interconnected to ...

Texas Occupations Code 1101 – The Real Estate License Act

and ...

NAR Code of Ethics (if you are a member)

Geographic Competency Added

Sales Agents GC Must Be Assessed by Sponsoring Brokers!

SB 624 (Nichols)

The Agency Sunset bill. This bill implements several of the recommendations made by the Agency's Sunset Commission Report. The Commission and the Board are currently working on implementing the necessary rule amendments and process changes resulting from this bill, including:

- elimination of real estate branch office licenses;
- elimination of education instructor approval;
- repeal of the Texas residency requirement for licensure;
- the Commission's ability to dismiss a complaint determined to be inappropriate or without merit;
- maintaining the confidentiality of a complainant in a complaint notice;
- consideration of geographic competency in disciplinary actions;
- authority to deny a renewal if a license holder is in violation of a disciplinary order; and new formal reporting requirements.

We owe our clients fiduciary duties!

1. TREC Rules (Canon of Ethics) 531.1 – Fidelity

A real estate broker or salesperson, while acting as an agent for another, is a **fiduciary**. Special obligations are imposed when such fiduciary relationships are created. They demand:

- (1) that the primary duty of the real estate agent is to represent the interests of the agent's client, and the agent's position, in this respect, should be clear to all parties concerned in a real estate transaction; that, however, the agent, in performing duties to the client, **shall treat other parties to a transaction fairly***;
- (2) that the real estate agent be **faithful and observant to trust placed in the agent, and be scrupulous and meticulous** in performing the agent's functions; and,
- (3) that the real estate agent place no personal interest above that of the agent's client.

^{*} NAR Code of Ethics Article 1 - must treat other parties honestly.

Rules 531.1.2: We must: "... be scrupulous and meticulous..."

Scrupulously - acting in strict regard for what is considered right or proper; punctiliously [paying great attention to detail or correct behavior] exact; painstaking.

Meticulously - marked by extreme or excessive care in the consideration of details; careful.

(From TREC Ethics Manual 4.0, 4.1, 5.0)

531.2 – Integrity – "...employ prudence and caution so as to avoid misrepresentation, in any wise, by acts of commission or omission."

535.2 – "... brokers owe the highest fiduciary obligation..."

A broker owes the highest fiduciary obligation to the principal and is obliged to convey to the principal all information known to the agent which may affect the principal's decision unless prohibited by other law.

and the third time TREC says we owe fiduciary duties ...

5. 535.156 – (a) "A license holder's relationship with the license holder's principal is that of a **fiduciary**. A license holder shall convey to the principal all known information which would affect the principal's decision on whether or not to make, accept or reject offers..."

(c) "A license holder has an affirmative duty to keep the principal informed at all times of significant information applicable to the transaction or transactions in which the license holder is acting as agent for the principal."

Added geographic and property-type competency:

TREC rule §531.3 was amended to make clear that license holders must be knowledgeable about local market issues in the geographic area in which they work and the characteristics involved in the specific type of property being sold or leased.

Penalties for violating this requirement were added to §535.191, with a range of \$500-3,000.

AGENDA ITEM 17 ADOPTED RULE ACTION FROM THE AUGUST 12, 2019, MEETING OF THE COMMISSION CHAPTER 531 CANONS OF PROFESSIONAL ETHICS AND CONDUCT §531.3.

Competency §531.3 Competency. It is the obligation of a license holder [real estate agent] to be knowledgeable and competent as a real estate brokerage practitioner. The license holder must [agent should]:

- (1)be informed on local market issues and conditions affecting [the] real estate in the geographic area where a license holder provides services to a client [business and pledged to continuing education in the intricacies involved in marketing real estate for others;;]
- (2)be informed on national, state, and local issues and developments in the real estate industry; [and]
- (3)exercise judgment and skill in the performance of brokerage activities [the work]; and
- (4)be educated in the characteristics involved in the specific type of real estate being brokered for others.

CCUPATIONS CODE

TITLE 7. PRACTICES AND PROFESSIONS RELATED TO REAL PROPERTY AND HOUSING

SUBTITLE A. PROFESSIONS RELATED TO REAL ESTATE

CHAPTER 1101. REAL ESTATE BROKERS AND SALES AGENTS

SECTION 15. Amends Section 1101.652(a), Occupations Code, to *include failure to consider Market*

conditions for the Specific geographic area in which the license holder is providing a service in a list of actions by a license holder for which TREC is authorized to suspend or revoke a license issued under Chapter 1102 or take other disciplinary action authorized by this chapter or Chapter 1102, and renumbers the list accordingly. https://capitol.texas.gov/BillLookup/Text.aspx?LegSess=86R&Bill=SB624

Sec. 1101.652. GROUNDS FOR SUSPENSION OR REVOCATION OF LICENSE.

(6) fails to consider market conditions for the specific geographic area in which the license holder is providing a service;

Changes to 535.2 (i):

A broker who sponsors sales agents or is a designated broker for a business entity shall maintain, on a current basis, written policies and procedures to ensure that:

1.Each sponsored sales agent is advised of the scope of the sales agent's authorized activities subject to the Act and is competent to conduct such activities, including competence in the geographic market area where the sales agent represents clients.

How do we assess competency in the geographic market area?

"Failure to Properly Supervise a Sponsored Sales Agent"

CONCLUSIONS OF LAW

The acts and omissions on the part of Respondent set out in the Findings of Fact constitute the following violation that is cause for the suspension, revocation, or reprimand of Respondent's Texas real estate broker license pursuant to the specific statute and rule cited below and/or Section 1101.656, Texas Occupations Code, and is further cause for the assessment of an administrative penalty against Respondent pursuant to Section 1101.701, Texas Occupations Code:

11. Section 1101.652(b)(1), by acting negligently or incompetently, for failing to properly supervise a sponsored sales agent as required by 22 Tex. Admin Code Section 535.2.

ORDER

IT IS ORDERED that Respondent is formally reprimanded for its actions in the matter.

IT IS FURTHER ORDERED that Respondent must pay an administrative penalty of \$1500 by cashier's check or money order payable to the Texas Real Estate Commission. The remitter on the cashier's check or money order must be Respondent or Respondent's attorney.

Model Brokerage Policies and Procedures



2018

ESTABLISHING COMPETENCY

ESTABLISHING COMPETENCY

POLICY

3.1.1. AUTHORIZATION TO ACT

Sales Associate is authorized to act on behalf of Sponsoring Broker only in areas in which Sponsoring Broker, in writing, has designated Sales Associate as competent to act.

3.1.2. DESIGNATIONS AT SPONSORING BROKER'S DISCRETION

The decision to authorize Sales Associate as competent to act is solely at the discretion of Sponsoring Broker and may be changed or altered by Sponsoring Broker at any time.

3.1.3. MAINTENANCE OF REQUIRED LICENSES AND CERTIFICATIONS

Sales Associate will ensure that their licenses, certifications or other qualifications, that are necessary to act in all areas in which Sponsoring Broker has authorized them to act, remain active, current and in good standing.

3.1.4. REQUIRED EDUCATION REQUIREMENTS

Sales Associate will complete all continuing education requirements in a timely manner.

3.1.5. ADDITIONAL LICENSES, CERTIFICATIONS AND EDUCATION

Requirements for a Sales Associate to obtain additional licenses, certifications and additional education instruction are solely at the discretion of Sponsoring Broker.

3.1.6. COMPLIANCE WITH CODE OF ETHICS

Sales Associate will comply with the National Association of REALTORS® Code of Ethics with regard to competency including, but not limited to, Article 11.

ESTABLISHING COMPETENCY

PROCEDURE

3.2.1. AUTHORIZATION AGREEMENT

Sponsoring Broker and each Sales Associate will sign and date an Agreement:

- (a) Detailing all areas in which Sales Associate is authorized to act;
- (b) Describing in detail the licenses, certifications, and other qualifications Sponsoring Broker requires Sales Associate to maintain to continue to qualify as competent in any area; and
- (c) Detailing the additional education instruction Sponsoring Broker requires Sales Associate to complete to continue to be competent in any area.

The written agreement may state areas of practice in which Sponsoring Broker has elected not to practice or to prohibit Sales Associates from practicing, and may be amended to expand or delete additional areas in which a Sales Associate is authorized to practice.

3.2.2. MAINTENANCE OF REQUIRED LICENSES AND CERTIFICATION

Sales Associate will maintain the licenses, certifications and other qualifications required by Sponsoring Broker.

- (a) Sponsoring Broker will regularly confirm that each Sales Associate maintains the licenses, certifications and other qualifications designated in the agreement.
- (b) Sales Associates will provide Sponsoring Broker with documentation showing: (i) the timely renewal of all licenses and certifications, (ii) the completion of continuing education classes, and (iii) the completion of additional education instruction required by Sponsoring Broker.

3.2.3. REQUEST TO CHANGE AUTHORITY TO ACT

Sales Associate may request Sponsoring Broker to consider expanding Sales Associate's areas of competency and authorization. Upon such request, Sponsoring Broker will inform Sales Associate of the additional licenses, training, certifications and education Sponsoring Broker requires of Sales Associate to achieve such additional competency and authorization.

3.2.4. CHANGE IN AUTHORITY TO ACT

If Sponsoring Broker elects to change or alter Sales Associate's authority to act, Sponsoring Broker will immediately notify Sales Associate in writing.

Establishing Competency Page 14
Procedure 2018

Property of #0204638 Charles Porter at Bryker Properties

3.2.5. NOTIFICATION OF TREC CHANGES

Sponsoring Broker will give each Sales Associate notice of any changes to the Texas Real Estate Licensing Act, TREC rules or TREC promulgated contract forms before the effective date of the changes.

3.2.6. FORWARDING OF TREC NOTICES

Sponsoring Broker will forward to each Sales Associate any mail or other correspondence from TREC received by Sponsoring Broker concerning Sales Associate within ten (10) calendar days after receipt.

6

FIDUCIARY DUTY OF AGENTS

FIDUCIARY DUTY OF AGENTS

POLICY

6.1.1. DUTIES

In a principal-agent relationship, the Principal is owed the highest level of fiduciary duty by the Agent. This duty includes the following:

- (a) Trust;
- (b) Confidential treatment of information;
- (c) Honest business dealings;
- (d) The highest duty of performance;
- (e) Loyalty;
- (f) Reasonable care in all matters of representation; and
- (g) Proper accounting for all monies and other things of value.

6.1.2. RELATIONSHIPS

Brokers and Sales Agents may: (i) represent Principals, and (ii) assist others with whom no agency relationship exists. Sales Associates must provide all parties with a clear explanation of their relationship as being one of the following:

- (a) A client, being represented as a principal by the agent;
- (b) A customer, with no agency relationship, but receiving assistance;
- (c) An unrepresented party, with no agency relationship and receiving no assistance;
 or
- (d) A party represented by a Broker other than Sponsoring Broker.

6.1.3. DISCLOSURE OF STATUS AS SALES AGENT OR BROKER

Sales Associate must disclose that he or she is a Sales Agent or Broker acting on his or her own behalf or in a capacity described below, in writing, either before entering into any sales contract or lease or within the sales or lease contract itself, when engaging in a real estate transaction on behalf of:

- (a) Sales Associate;
- (b) A business entity in which Sales Associate is more than a 10% owner,
- A trust for which Sales Associate acts as trustee or is a beneficiary; or

Representations build expectations.

Misrepresentations destroy relationships of trust and confidence (the key elements of fiduciary relationships).

TREC Rules are Connected with the Occupations Code 1101.652 (b) (1-4)

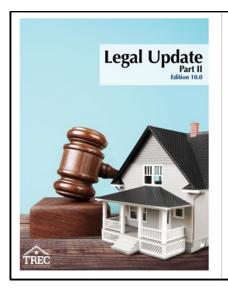
- (b) The commission may suspend or revoke a license issued under this chapter or take other disciplinary action authorized by this chapter if the license holder, while acting as a broker or salesperson:
- (1) acts negligently or incompetently;
- (2) engages in conduct that is dishonest or in bad faith or that demonstrates untrustworthiness:
- 3) makes a **material misrepresentation** to a potential buyer concerning a significant defect, including a latent structural defect, **known** to the license holder that would be a **significant factor to a reasonable and prudent buyer** in making a decision to purchase real property;
- (4) fails to disclose to a potential buyer a defect described by Subdivision
- (3) that is known to the license holder;

Actual knowledge remains the standard, but ...

TREC rules as they stand today could be interpreted to require *constructive knowledge* as our standard.

What do we really offer the client?

Expertise in all of the characteristics of the local marketplace ... which must include understanding the water issues for a particular property!



Legal Update

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 Rollback Taxes

CHAPTER 02

WATER AND MINERAL RIGHTS

Learning Objectives

- After this chapter, you will be able to

- Describe the role of title insurance where mineral rights are a factor.



Introduction

Most Texars' understanding of water rights goes only as far as the faucet turns and water flows, their water "right" is limited only by their ability to pay.

"We do not have enough existing water supplies today to meet the demand for water during times of drought. In the event of severe drought conditions,

the state would face an irrendute need for additional water supplies of 3.6 million acre-feet per year with 66 percent of that note in irrigation and about 9 present associated directly with municipal water user. Total needs are projected to increase by 1.75 persente between 2010 and 2060 to 8.2 million acre-feet per year in 1000, register to the total and municipal users account for 4.1 percent of needs.

municipas unen account the 41 percent of needs."
The shortages of water learns are predicted to face in our future, coupled with the obvious impact water has on our everyday lives, including waters impact on real property values, means neal estate license holdens and consumers must be better educated about water rights in least.

Assessing the water characteristics of any particular property presents unique challenges to beyon, sellen, treux, lessens, and est aleat agents. The waster scale predicted in our fature requires potential boyen over the control of the properties of fature water scarcity requires sellens and their real estate agents to exercise scales are desir and estate agents to exercise estate out of produces in their diskins of dischouse regarding the water situation of any property being offered for sale.

othered for sale.

Real estate license holders in Texas must keep one very important thought in mind when considering water rights – advise your clients to consult an atterney while making feet decision to purchase a property or making representations about water rights when selling a removers.

Three Types of Water Sources and Their

Water in Texas varies between the water flowing on the surface and the water flowing underground. The regulation of water is actually conducted by multiple government agencies.

There are them basic types of water sources this chapter discusses: surface water, diffused surface water, and government.

Surface Water is water that flows on the surface of the Surface Water is water that flows on the surface of the ground in a watercome. According to Tile 20, Teass Administrative Code (10 TAC) 5991-7031 a "water-cound" in defined as a "a definite chance of a stream in which water flows within a defined bed and faults, originating from a definite source or course. (The water may flow continuously or intermitments; and if the later, with some degree of regularity, depending on the characteristics of the sources.)

http://boules.elaws.us/rule/title30 chapter297_sec.297.1£:-:text=651/520Water. course%20%20As20definite;a%20definite%20 source%20or%20sources.

- The courts have described watercourses as having

(i) a permanent supply source of water. Who owes the rights to surface water like Islan, streams, or credul? The State of Insua owes the water in a watercurse, held in trust of the sictizens of the state. The Texas Commission on Environmental Quality (TCQ) regulates the use of surface water in Peans by a system of water rights. Texa follows the legal concept of and allocates surface water right and permits based on "first in time is first in right." The TCIQ, through its

authority in allocating water rights, overse wide river authorities and 4 watermasters.

Diffused surface water can be described as rainwater that runs off your roof or over the surface of your land without flowing in a stream or channel. This type of water is owned by the landowner and is subject to very

Imited or no regulation.

Groundwater is water held underground in aquifers and pools. Ownership of groundwater in Texas was debated for many decades, but in the fall of 2011 the debate about ownership of groundwater ended. The Texas Legislature passed a bill, 58 332, which states "The legislature recognizes that a landowner owns the groundwater below the surface of the landowner's land, as real property."

However, groundwater is regulated by 101 ground-water conservation districts (GCDs) with 101 different sets of rules and regulations within the parameters of Chapter 36 of the Texas Water Code, Note that not all of Texas groundwater is covered under the jurisdiction of a GCD, either. Many citizens in these jurisdictions are unaware of these regulatory agencies.

Now that you are familiar with the three types of water sources in Texas, left dive diesper into how surface water and groundwater is regulated in our state land yes, that pure was intended).

Surface Water Regulators and Regulations

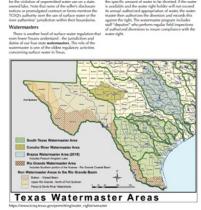
The "buck-stops-here" surface water regulator in Texas is the TCLQ. Generally, a permit in required from TCLQ in order to use surface water for any purpose outside of domestic and livestock use, emergency use by fire departments, and other similar public services.

The TCEQ website offers a very large Excel spread-sheet of all the surface water rights holden in the state and can be found at https://www.kcrq.texas.gov/ permitting/water_rights/wr-permitting/www.d.

permissing/water_ingtows permissing/www.ci. License holders should advise climbs to seek the help of attomys familiar with surface water rights and permitting in Finzas androir to seek the assistance of licensed engineers or hydrologists. Unfortunately, some older, and even more recent, surface water deeds are not filled or recorded in the county's real property records. Tell ensures have been very reductant to offer any insurance coverage on the water rights associated with a property.

An example of the public's lack of knowledge about surface water resolutions is sold. urface water regulations is evidenced in a commo guestion about lake water use. Often this question somes from Lake Travis property owners or potenti purchasers of land there: "May I pump water from the

ake to my home since I am adjacent to the water?" to my home since I am adjacent to the water?" answer is "No. You must obtain a permit from cover Colorado River Authority (LCRA) to do so." rout a permit, the homeowere may incur fines he violation of unpermitted water use on a state-ed lake. Note that none of the seller's disclosure



Similar to getting a permit from the TCIQ for using surface water, before charring a water source regulated by a subtransatic, the water right before read resid; he watermaster of the intent to divent at a specific time gail, the specific amount of water to be diverted. If the water in available and the water right holder will not exceed its armual authorized paperguistion of water, the water, mater them authorizes the disension and records this assistent the side. The watermaster contents includes:

Groundwater Regulators and Regulations

urresummater regulations and Regulations. How is water for agriest and undergood pool that lend garings and walls regulated Consordance in COLDS, body from an 100 CDDs in State on COLDS, body from an 100 CDDs in State occessing a large portion of the state, has red all of the state. In COLDs has one set of raints and application, in section CDDs has now set of raints and application, in section CDDs has now set of raints and application, in section CDDs has now set of raints and application, in section CDDs has now the Colds have of the distinct seen. If an one permitting representation is accordance with the transit water Colds have only files. Many consumers in these names are realized for CDD was not realized for CDD was not considered that placing of county lines.

Many consumers in Traus may not realize that GCD's even exist until a property owner wants to drill a well on their property or apply for an irrigation permit that would require drilling into the ground to access the groundwater.

groundwater.

Below is a map showing the existing Texas Ground-water Conservation Districts. It can be found at https:// www.toeq.texas.gov/assets/public/permitting/watersup-ply/groundwates/maps/godmap.pdf

License helden can assist their clients by refer-ring them to the TGGO map site above to determine if a property lies in the jurisdiction of a CCD. Remem-ber that a license holder, unless they hold a license to practice law in texas or hold an engineering license, may not attempt to interpret the by-Laus and rules of any infinited aCO on helsall of a client.

many and familiary like independ the by-bases and rides to What can be input, as all we find in disclosure in a present allow that the property live within the pair, desired and ACCTAT below could find the meaning the extra question of the country of the country of the extra question of the country of the disclosure for a pair of the country of the disclosure for the disclosure of the country of the disclosure for the first meeting a private to diff live promodent: Neuroscient for an interpretable of the country of the first meeting a private to diff live promodent: Neuro-for discounts and been faced on the country of the for discounts and been faced on the country of the first discountry of the country of the country of the first discountry of the country of the country of the first discountry of the country of the country of the live of the country of the country of the country of the live of the country of the country of the country of the live of the country of the country of the country of the live of the country of the country of the country of the live of the country of the country of the country of the live of the country of the country of the country of the live of the country of the country of the country of the live of the country of the country of the country of the live of the country of the country of the country of the country of the live of the country of the co



Water and the Seller's Disclosure Notice

For over two decades, any defect actually known to the seller of a single-family home must be disclosed on a seller's disclosure notice, including defects not covered on the form. The prudent Seller, Buyer and Agent should keep in mind the source and availabilhigh states to any property. Any known defects about the property's water rights must be fully and truthfully disclosed.

discloses.

TREC's Seller's Disclosure Notice in the minimum required by law and mirrors the provision in the Texas Property Code. It contains the opportunity to disclose information about the property's water and water rights.

1. The Property has the items checked below (Mitte Yes (Y), No (N), or Unknown (U)):

3. Location of the subject property within a GCD or

district.
The Selfer's Disclosure Notice does not have a place to disclose specific information about surface water rights at this time. A ficense holder should advise their client to consult an atteneys and/or an engineer about the surface water rights to a property containing a

watercourse.

There is also no promulgated form that a license holder may use if the seller wants to reserve all or a portion of a property's water rights at this time. A license holder should advise their client to consult an

The next drought will inevitably bring with it a

Water Supply ____City ____Well ____MLD ____Co-op Are you dielied aware of any of the above items that are not in working condition, that have known defects, or that are in need of repart (** Tiss ** Tiss **

Are you (Sulfer) aware of any of the following? Write Yes (1) if you are aware, write No (N) if you are not aware. Any notices of violations of deed restrictions or governmental ordinances affecting the condition or use of the

Any portion of the property that is located in a groundwater conservation district or a subsidence district.

If the answer to any of the above is well explain. (Attach additional chapts if necessary)

- mental ordinances altering the confidence or set of the property, such as no permitted grounds are set on the property. As a non-permitted grounds were also be property as the property and the

Water Right Issues That Require Reporting
Belieus are examples of water right issues that would
supplied declares are subself declares are right of properties in hous. But practice is the
supplied declares are subself declares are right.

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- Advise clients to consult an attorney to determine the water rights on a property.
 Assist clients by providing resources to help deter-

prological data, or other information outside their luties as a license holder.

A dutiful and diligent license holder will become miliar with property water rights to gain geograph ompetency and avoid miorepresentation or acts of

Mineral Rights

Mineral rights are complicated and often confus-ing, Just determining the ownership and rights of any mineral holdings for any property in Texas can be happy convocensia and strongly debated in courts of law. Sellers may not know what mineral rights they own! Additionally, development in mineral strated or discovery of new mineral resources in different part of the state can cause a significant with lim the value of the mineral rights themselves seemingly overnight. It is also important for you and your client to under stand that title insurance often does not cover mineral. rights and may require your client to obtain additional

Because of this, license holders who are not attorneys or oil and gas experts such as petroleum landmen should never give advice to their clients on mineral rights. Minerals and mineral rights are a significant part of real property values in many parts of finus.

Advise your client to hire an attorney to assist when drafting contracts involving oil and gas mineral ri-related to a real estate transaction.

related in a real castaet transaction. Mineral injust can be severed from the real prop-ity and sold. Once severed and sold, the mineral right soveres can have rights to the use of the surface of the property in order to lease, extract, and use the minerals bey own. In many parts of the state, it is common to faccover that all or part of the mineral rights have been discover that all or part of the mineral rights have been servered, and in some cases, for over a hundred years! Severed mineral rights are often split between multi-ple individuals who have never had contact with each other. Whether the license holder represents the buyer or selfer of a recommend of the intend. It forms holder or seller of a property with minerals, the license holder should advise their client to <u>CONSULT AN ATTORNEY</u> in all matters involving mineral rights.

(11) NOTICE OF WATER RIGHTS: If the Property is in the jurisdiction of a Groundwater Conservation District or Subsidence District, and has groundwater wells of any type such as wells for domestic and livestock use, irrigation use, or other uses, an addendum containing further details about the characteristics of the wells, including permits in place, and other pertinent information should be used (attach Addendum for Information Concerning the Property's Groundwater Rights, Wells, Groundwater Conservation Districts, and/or Subsidence Districts).

If the Property has a permitted surface water right from the TCEQ, an addendum containing further information should be used (attach Addendum for Information Concerning the Property's Surface Water Rights).

Stock tanks and the water therein that are filled with *diffused* surface water (water running across the Property from rain, snow melt, or other atmospheric sources) and used for domestic, livestock, or wildlife use are owned by the land owner in Texas.

The Property has _____ stock tanks.

Water rights in Texas are materially significant and complex. It is strongly advised the parties CONSULT AN ATTORNEY.

7. PROPERTY CONDITION:

A. ACCESS, INSPECTIONS AND UTILITIES: Se

(cnecк ан applicable boxes):		
	Third Party Financing Addendum		Environmental Assessment, Threatened or
	Seller Financing Addendum		Endangered Species and Wetlands Addendum
	Addendum for Property Subject to Mandatory Membership in a Property Owners Association		Seller's Temporary Residential Lease
			Short Sale Addendum
	Buyer's Temporary Residential Lease		Addendum for Property Located Seaward of the Gulf Intracoastal Waterway
	Loan Assumption Addendum	П	Addendum for Seller's Disclosure of
	Addendum for Sale of Other Property by Buyer	٦	-based Paint Hazards as Required by
	Addendum for "Back-Up" Contract		Addendum for Property in a Propane Gas
	Addendum for Coastal Area Property	Ц	System Service Area
	Addendum for Authorizing Hydrostatic Testing		Addendum for Information Concerning the Property's Groundwater Rights, Wells,
	Addendum Concerning Right to Terminate Due to Lender's Appraisal		Groundwater Conservation Districts, and/or Subsidence Districts
	Addendum for Reservation of Oil, Gas and Other Minerals		
_	Other Millerais		Addendum for Information Concerning the Property's Surface Water Rights
			the Property's Surface Water Rights
			Other (list):
TERMINATION OPTION: For nominal consideration, the receipt of which is hereby			
acknowledged by Seller, and Buyer's agreement to pay Seller \$ (Option Fee)			

within 3 days after the Effective Date of this contract, Seller grants Buyer the unrestricted right to

Basics of Texas Water Law

Two age-old questions

1. How do we determine fair and just public water policies for all Texans?

2. How do we balance the common good of the people of Texas while protecting individual property rights?

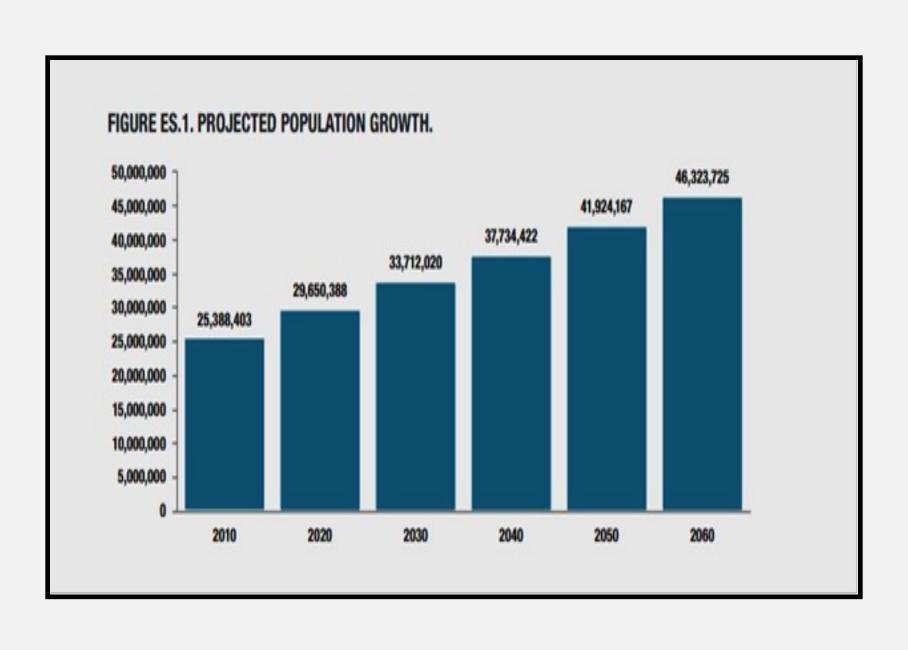
"Water doesn't run downhill . . . it runs towards money."

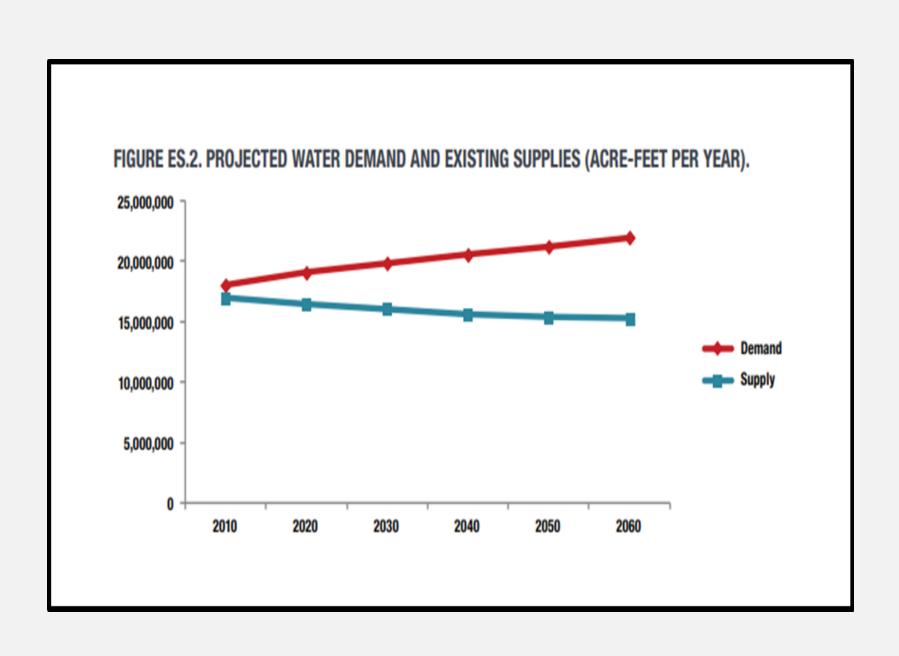
David Weber, PhD SMU, 1976

We do not have enough existing water supplies today to meet the demand for water during times of drought.

In the event of severe drought conditions, the state would face an immediate need for additional water supplies of 3.6 million acre-feet per year with 86 percent of that need in irrigation and about 9 percent associated directly with municipal water users.

State Water Plan 2007





Key Formulas to Keep in Mind All Day

One Acre-foot = the volume of water needed to cover 1 acre to a depth of 1 foot ...

325,851 gallons of water.

Every acre of land that receives one inch of rain receives everytime ...

27,154 gallons of water.

. . . but at the core, the fundamental issue is that in our state there simply is not enough firm-yield water to support the existing population and growth that is already occurring.

Kirk Holland, P.G., Retired General Manager, Barton Springs Edwards Aquifer Conservation District

Basic Glossary

- Acre-foot volume of water needed to cover 1 acre to a depth of 1 foot = 325,851 gallons.
- Acre of land receives one inch of rain = 27,154 gallons.
- Conjunctive joined together; combined (like all water)
- Correlative right rights that are co-equal, relate to one another, so that
 one owner cannot take more than their share.
- Exempt Well well exempt from permit.
- Geological Containers the way we determine ownership and regulation
 of water in Texas there are 3 containers surface water, groundwater, and
 diffused surface water.
- Groundwater Conservation District The legislature's preferred method of groundwater management.
- Rule of Capture Texas courts' position that allows one landowner to draw groundwater under most conditions without liability to the depletion of other groundwater users.
- Well Spacing GCD rules that set minimum spacing distances between neighboring groundwater wells.

A Question Asked of Me: Can I Drill a Well on My Property?

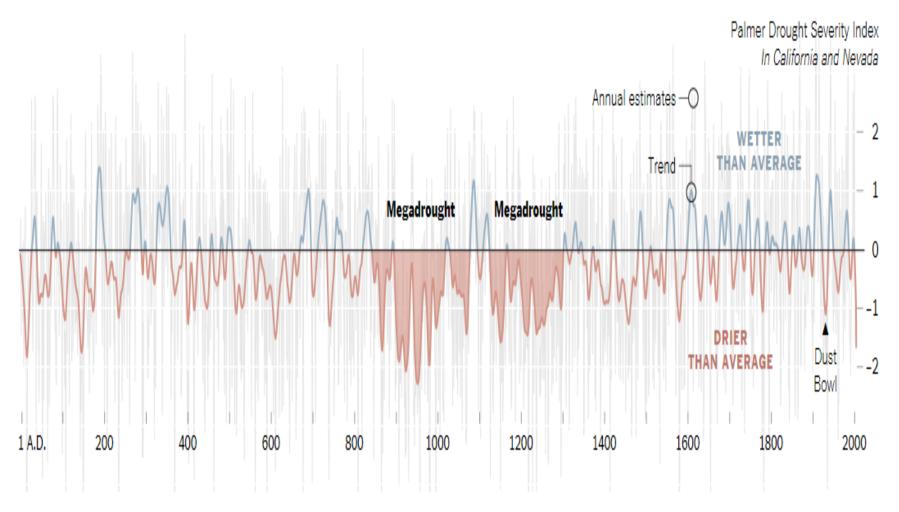
Don't you always love this answer -

It depends.



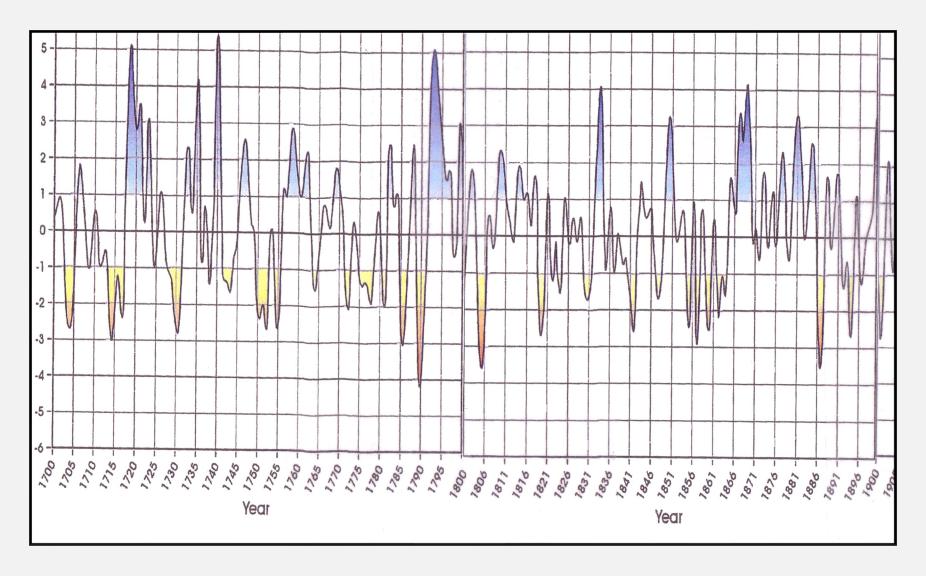
A Long History of Drought

Analysis of tree rings suggests that western states have had many droughts of two decades or longer, including two megadroughts lasting longer than 100 years.

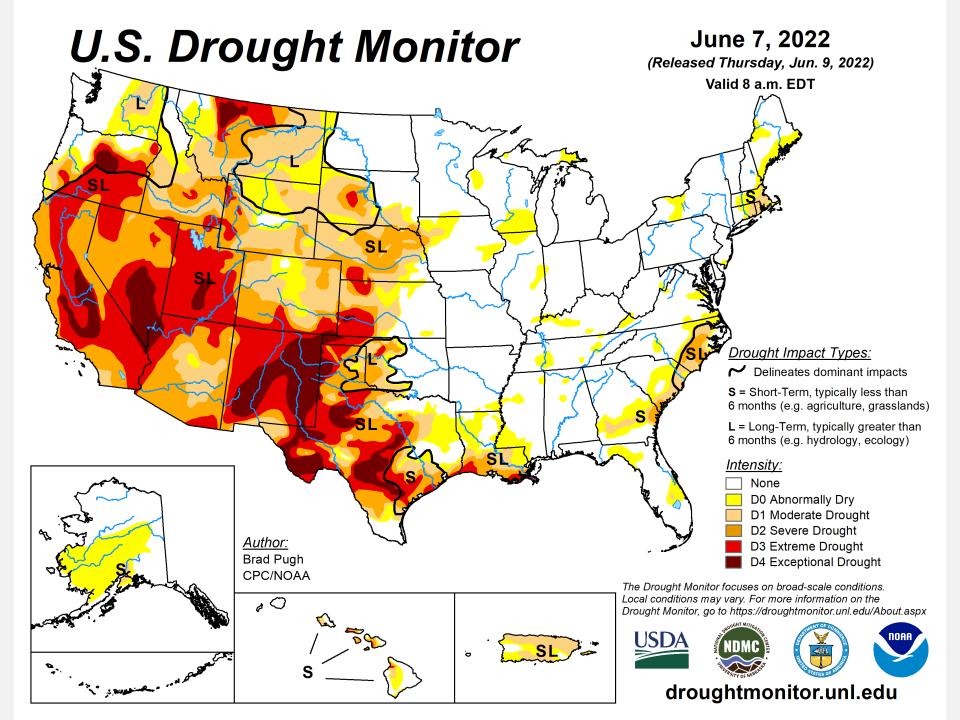


Sources: North American Drought Atlas, Lamont-Doherty Earth Observatory and the National Science Foundation; Journal of Quaternary Science

By The New York Times



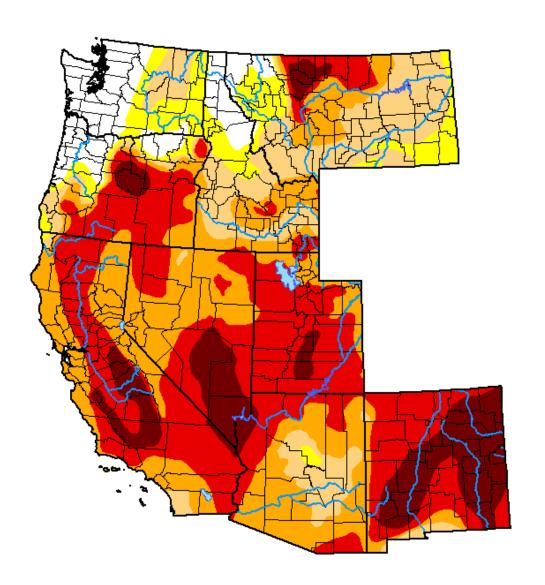
Droughts and Deluges in San Antonio 1700 - 1900



U.S. Drought Monitor West

June 7, 2022

(Released Thursday, Jun. 9, 2022) Valid 8 a.m. EDT



Intensity:

None

D0 Abnormally Dry

D1 Moderate Drought

D2 Severe Drought

D3 Extreme Drought

D4 Exceptional 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:

Brad Pugh CPC/NOAA

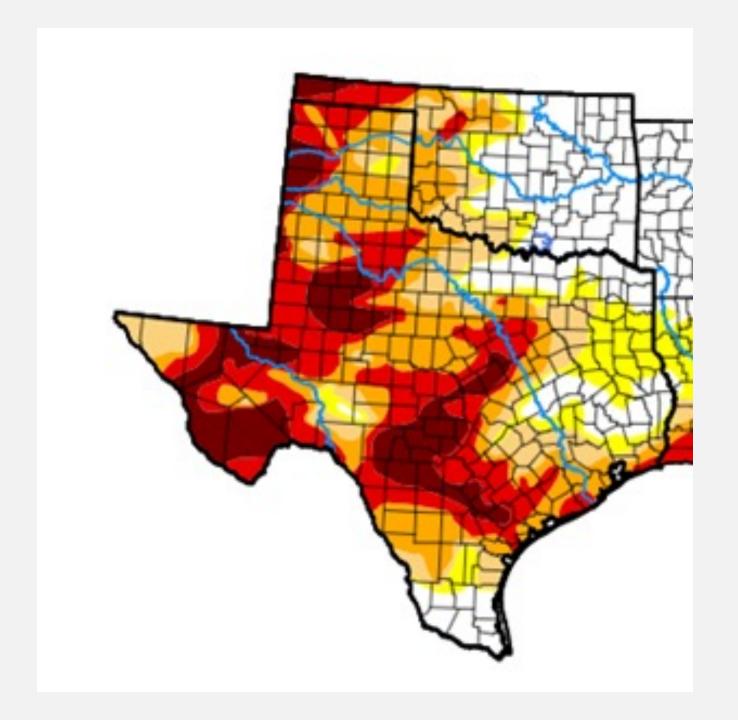


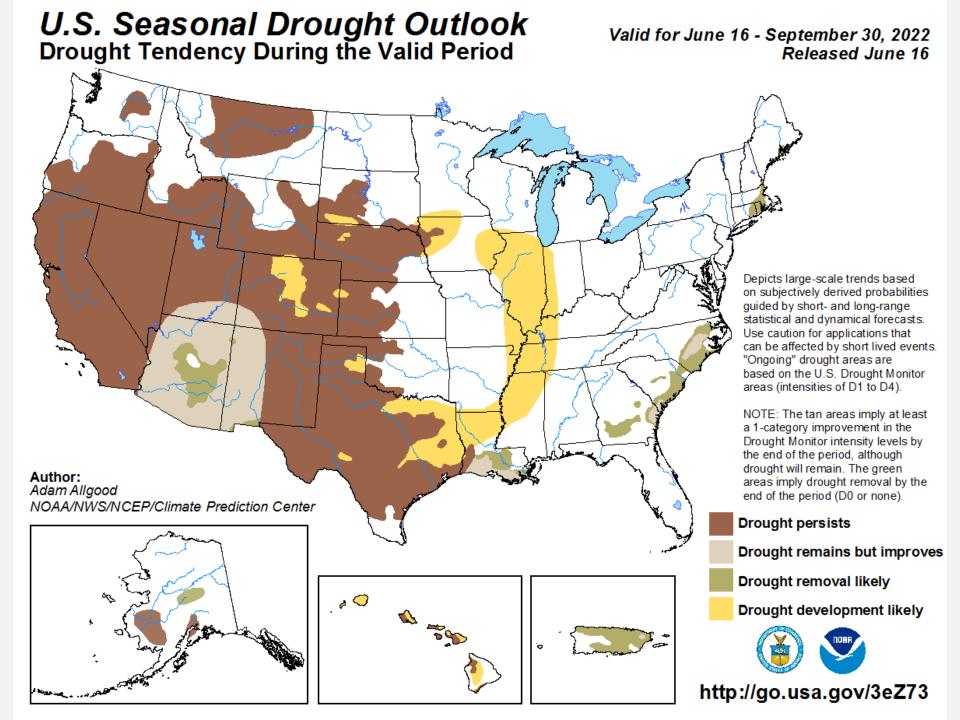


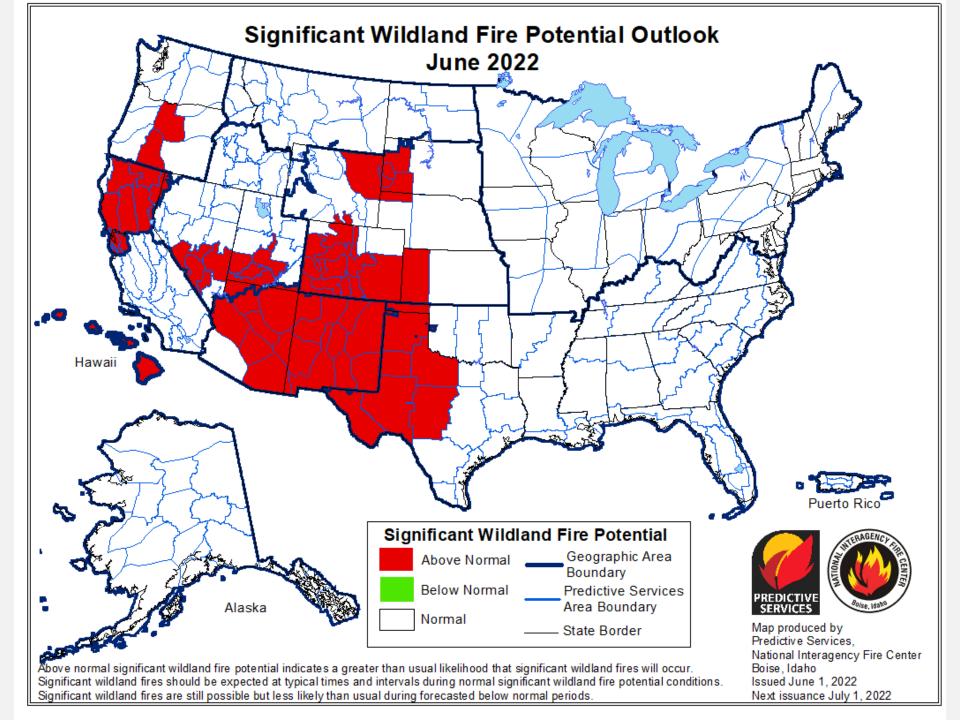


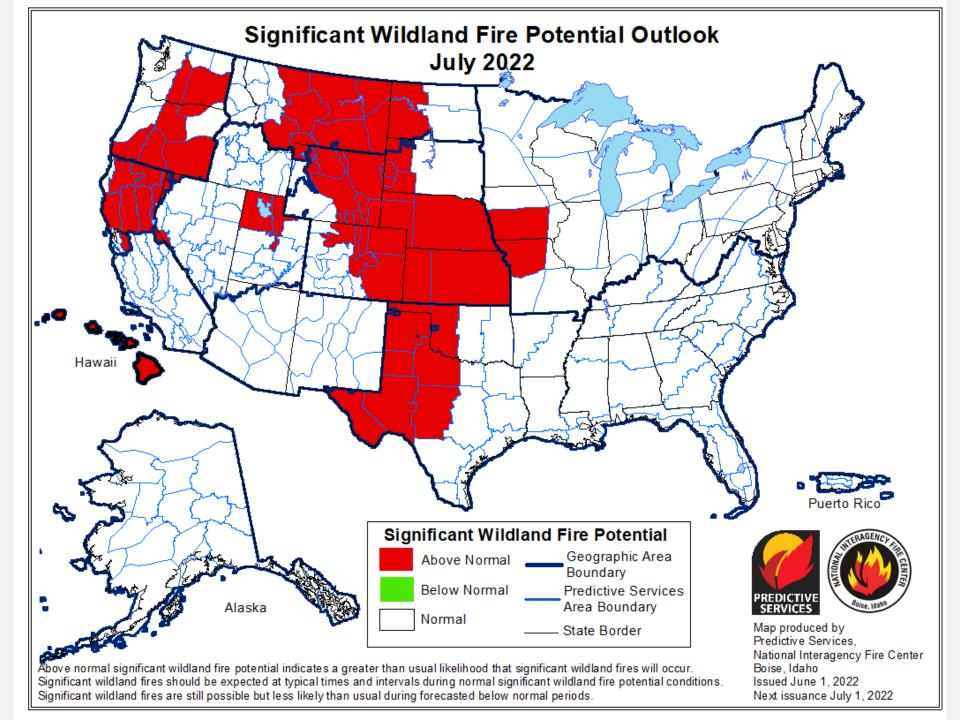


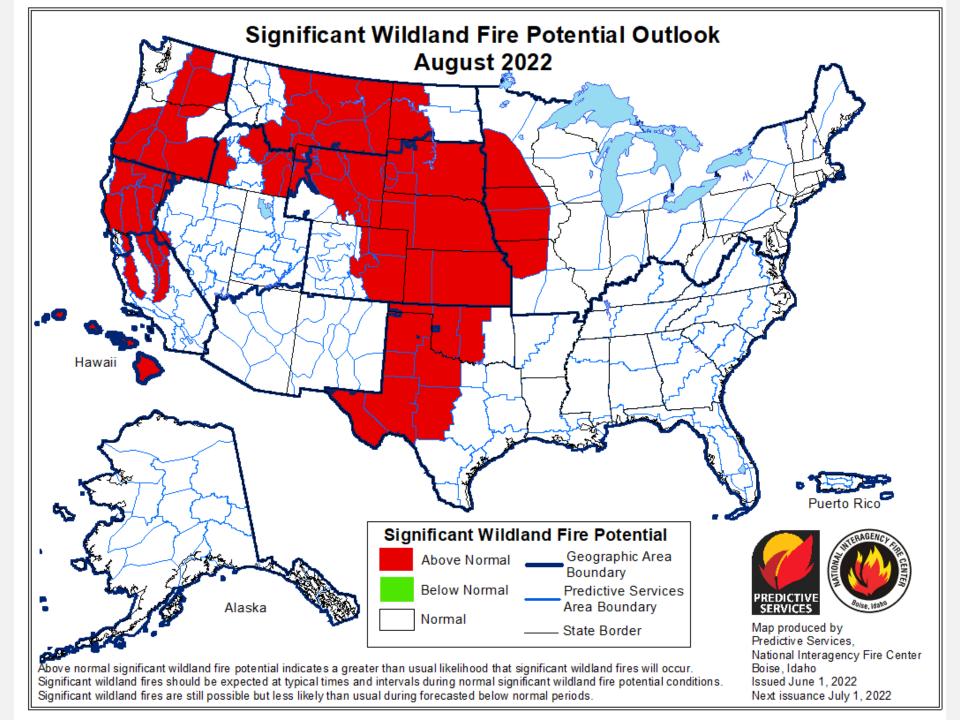
droughtmonitor.unl.edu

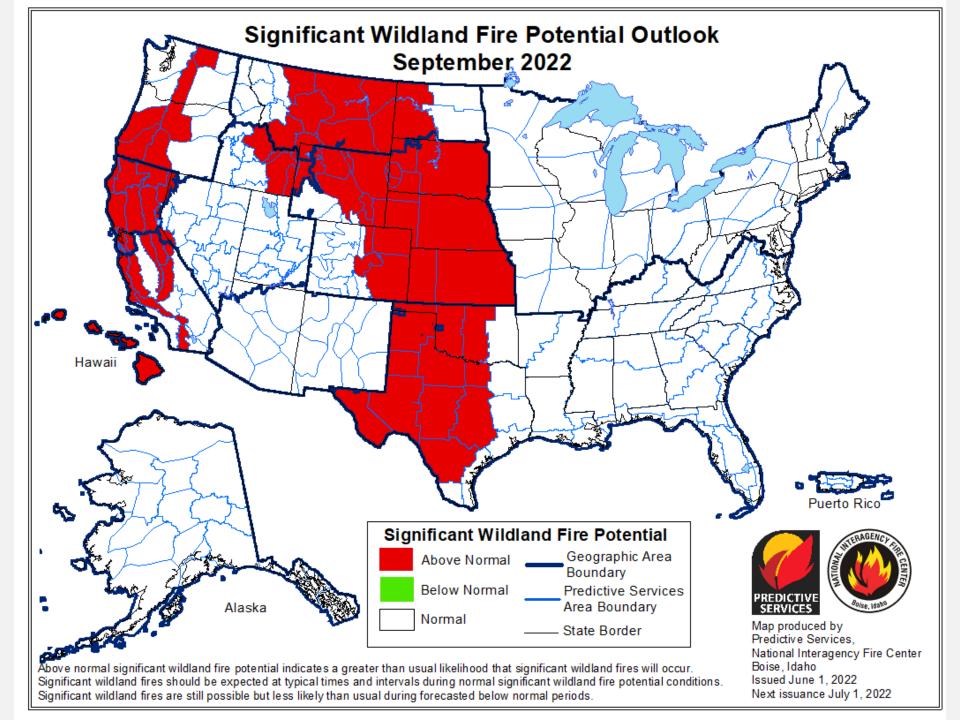


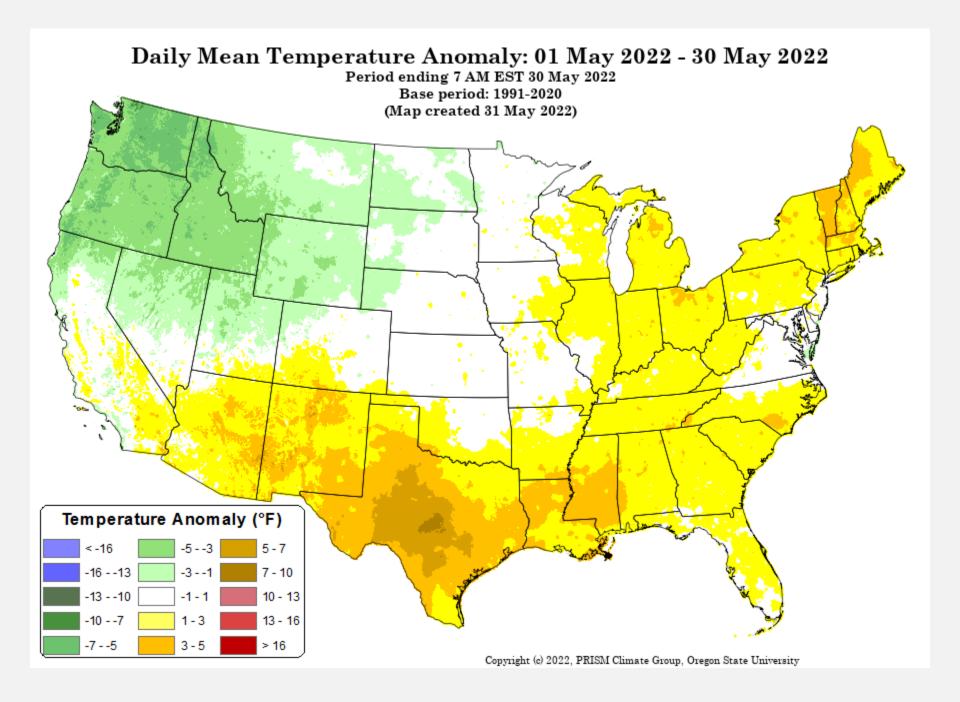


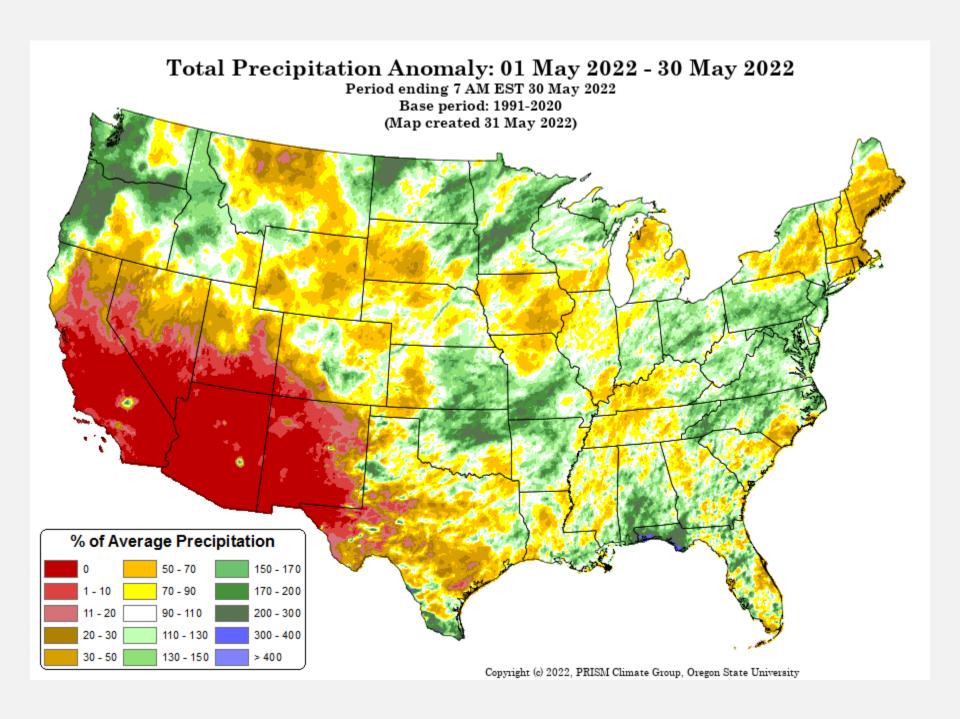


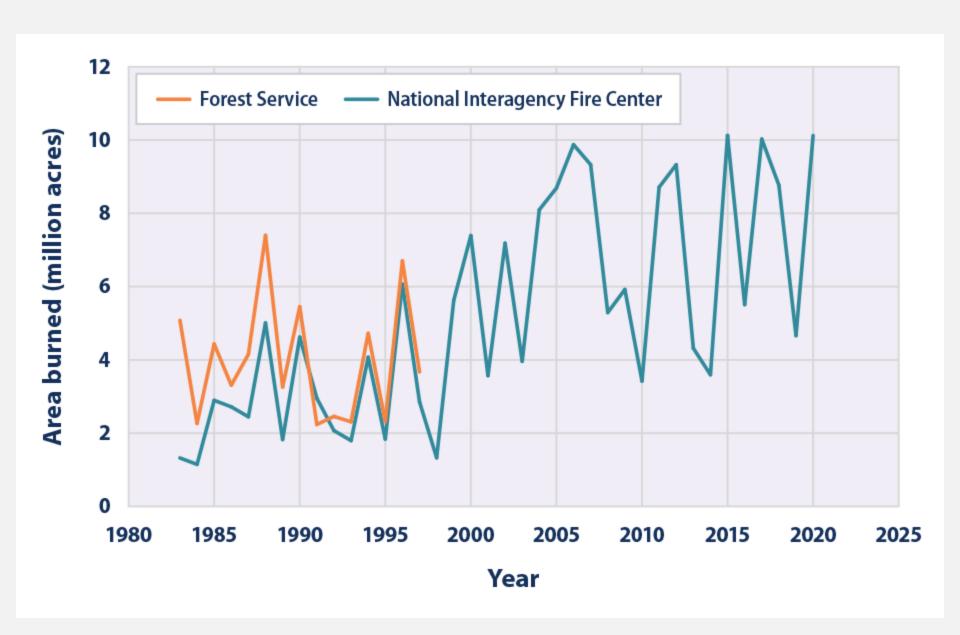


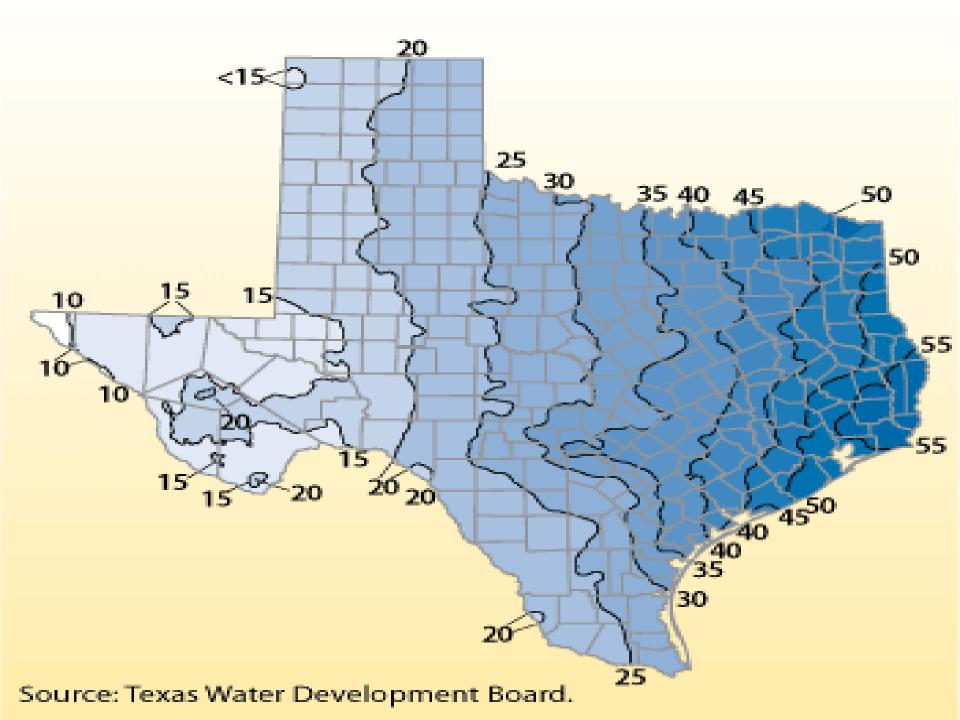












Broad Overview of Society and Water - A Framework

From Porter's New Textbook:

Public Water Policies: The Ultimate Weapons of Social Control

The question is how to manage a resource that is fleeting, crosses national boundaries, and evaporates into the air.

Professor Elli Louka

Elli Louka. Water Law and Policy. (New York, Oxford University Press, 2008) 23.

Three Geological Containers Determine Ownership and Agencies of Regulation

Natural Surface Water – State-owned water/TCEQ

Diffused Surface Water – Landowner-owned water

Groundwater – Landowner-owned water/GCDs (where they exist)

Of Equal Importance - Uses of Water in Texas For food, drink, and . . . jobs

Irrigation 60%-70%

Municipal/industrial 20%-30%

Domestic/livestock 10%

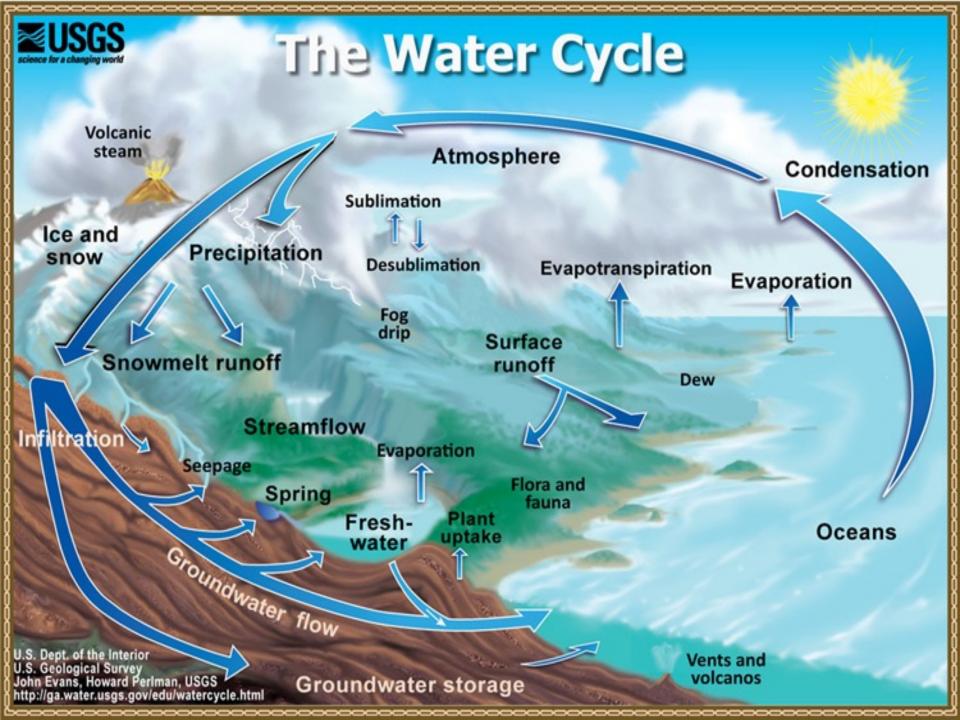
Continue to keep in mind...

Acre-foot – volume of water needed to cover 1 acre to a
depth of 1 foot = 325,851 gallons.

One inch of rain on one acre of land = 27,154 gallons.

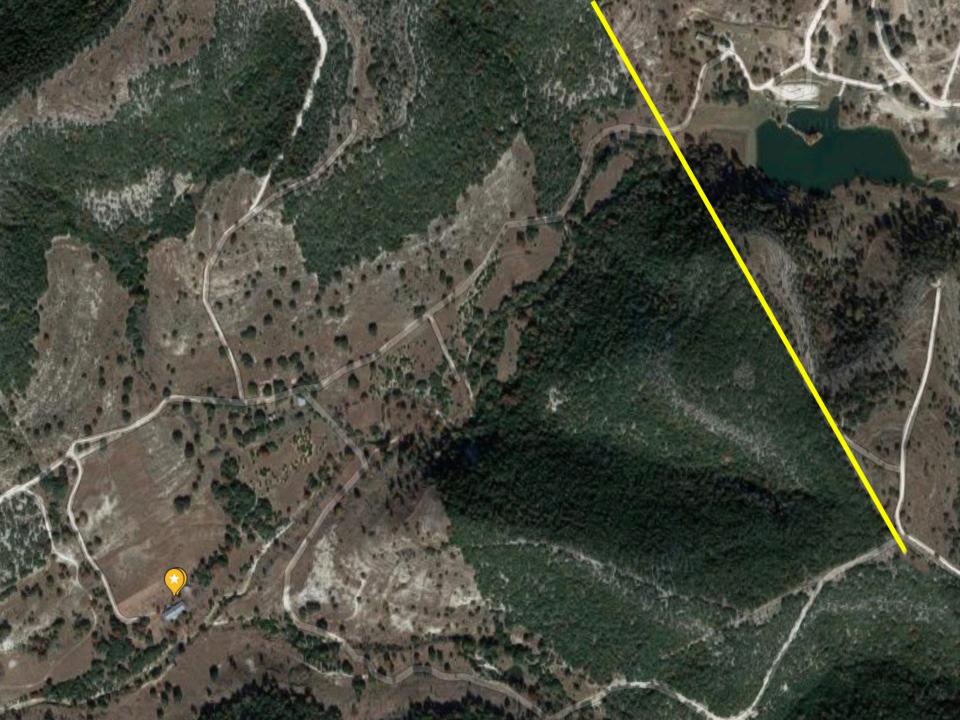
and . . .

water ignores political boundaries.



Container #1 - Surface Water

TCEQ including
Watermasters and 17 River
Authorities



Container # 2 - Diffused Surface Water

Water that does not flow in a defined watercourse, but flows across the surface of the land in a variant and without a pattern is termed diffused surface water.

Generally, this is rain runoff, although water left in upland areas after a flood recedes may also be diffused surface water. Texas courts have ruled that diffused surface water belongs to the landowner until it enters a natural watercourse – then it becomes state water. Tanks, springs that do not create streams, etc. are private water.

Container #3 - Groundwater

Local Groundwater Conservation Districts

Groundwater

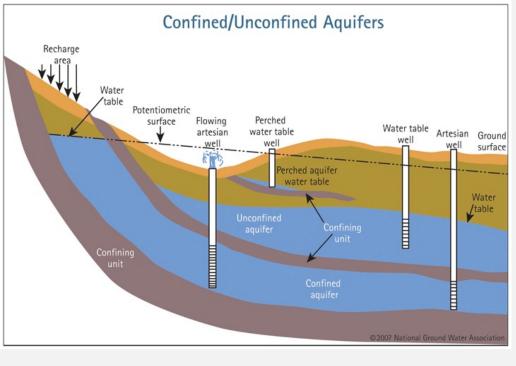
The water that is beneath the land surface and fills the pore spaces of rock and soil material and that supplies wells and springs.

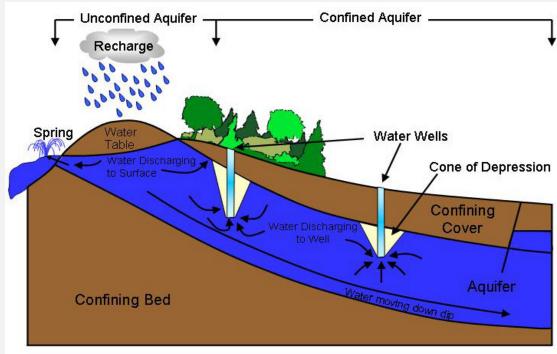
Sources of Ownership of Groundwater in Texas

- The Ancient "Absolute" Rule –
- In Texas, the precedent is Spanish Colonial law (reading from Michael Meyer's textbook)
- Pecos County Water and Improvement District No. 1 v. Clayton W. Williams et al., 1954
- SB 332, 2011
- Day McDaniel v. EAA, 2012

At this time, there remains no dispute that groundwater is owned by the surface landowner in Texas...and that the Rule of Capture is "running loose" in areas without GCDs.

Cone of Depression Jennifer gets all the water. Charles, Peter & Bill - wells dry up! NO REMEDY TO THEM





Limits and "Controls" of the Rule of Capture

- Cannot <u>waste</u> water.
- Cannot take water from your neighbor maliciously.
- Cannot cause <u>subsidence</u>.

 Rules and regulations from GCDs (if one exists in your area).

Who is responsible for regulating groundwater?

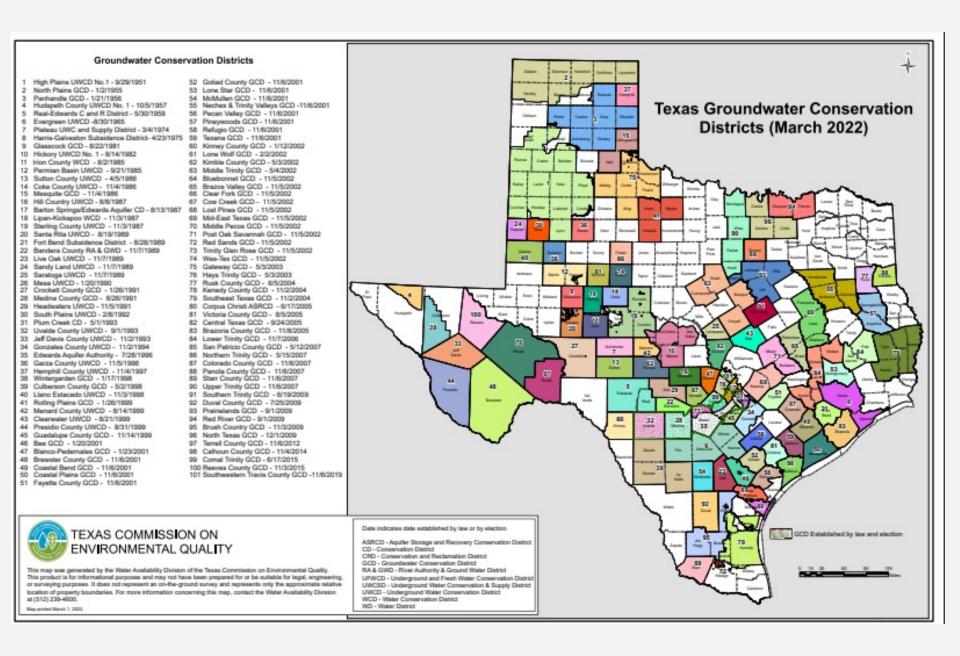
Local Groundwater Conservation Districts

Not all of Texas has elected to be in a GCD.

Texans seem to be against transfer of groundwater out of their district to others such as other cities.

We don't really know how many exempt wells are out there.

Many GCDs are terribly underfunded!



Groundwater Conservation Districts

The preferred method of groundwater management per Texas Legislatures.

1949 Legislature - 1951 first formed - High Plains Underground Water Conservation District No. 1.

101 GCD's cover all or part of 178 counties – <u>of</u> <u>254 counties</u> – 70%.

Many GCDs are woefully underfunded – can barely operate – see TWJ Vol. 4, Porter.



LXXXVIII 2017



Panhandle-Plains Historical Review LXXXVIII 2017

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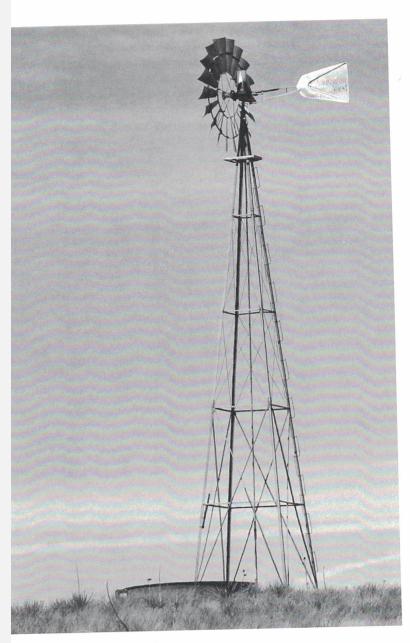


Photo courtesy of AJ McCormick.

"Of Urgent Concern": What Prompted House Bill 162, the Groundwater Conservation Act of 1949

Charles Porter*

"My campaign platform was pretty safe [...] We were going to take action to help conserve our water, but I was against any legislation that would take control away from individual property owners [...] I was not going to let the state tell a farmer how much water he could pump out of the ground."

Dolph Briscoe, Jr.

Dolph Briscoe, Jr., Governor of Texas from 1973-1979, clearly remembered, even in his mid-80s, that one of the key motivations for his entrance into politics in 1949 was to keep the control of groundwater in the hands of the farmer-landowner. Briscoe's position, typical of most farmers' positions both then and today in Texas, demonstrated the absolute necessity of groundwater to the farmers' business, culture, and overall way of life. Surface water is seen, flows in a watercourse across the land, and is owned by the state of Texas. But groundwater is hidden underground and owned by the landowner. How is the elusive, always-moving groundwater defined under Texas law? According to water law attorneys Douglas G. Caroom and Susan M. Maxwell, "Groundwater or underground water is water occurring under the surface of the land. The term 'groundwater' can include percolating water or artesian water, but not the underflow of a surface water river or stream or the underground flow of water in confined channels. Groundwater is presumed to be percolating, unless proven otherwise." Groundwater in Texas is presumed to be "percolating" as well per the Texas Water Code and case law.3 The Texas Water Development Board claims "Groundwater is a major source of water in Texas, providing about 60 percent of the 16.1 million acre-feet of water used in the state."4 The vast majority of the total groundwater used in Texas, some 60-70 percent, is used for agricultural irrigation; without groundwater, few crops can be produced west of the Interstate 35 corridor, which runs in a roughly northerly direction, beginning at the Rio Grande River in Laredo through San Antonio, Austin, Waco, Dallas, and entering Oklahoma at Sherman, Texas on its way to Minnesota. One thing is certain in Texas life throughout history—farmers and ranchers want ownership and control of their groundwater.

^{*}Charles Porter, Ph. D., is a testifying water rights expert and Visiting Professor at St. Edward's University. He is the author of *Sharing the Common Pool: Water Rights in the Everyday Lives of Texans* (Texas A&M Press, 2014) and *Spanish Water/Anglo Water* (Texas A&M Press, 2009).

MacCormack, Zeke. "Fair Oaks Ranch project raises water concerns in Comal County". San Antonio Express-News, May 8, 2014.

"A proposed development on 345 acres east of the small city of Fair Oaks Ranch close to the county line of Comal County lies mostly in Kendall County under the Cow Creek Groundwater Conservation District jurisdiction.

If the water wells to service the development are dug in Kendall County, then only 86 residences could be built in compliance with the Cow Creek GCD rules.

Yet a very small amount of the land lies in Comal County which has no GCD hence there is no limit to groundwater pumping if the water well or wells are drilled in Comal County which then allows the developer to increase the size of the subdivision to 635 homes. "

Due to years of hard work by Rep. Doug Miller, Northern Comal County has a district.

Texans manage Surface Water and Groundwater differently.

What about the conjunctive relationship of all water?

Remember there are 101 Groundwater Conservation Districts with 101 slightly different sets of rules and regulations.

Why? Local control offers the best opportunity for fair and appropriate rules and regs resulting in community support and compliance.

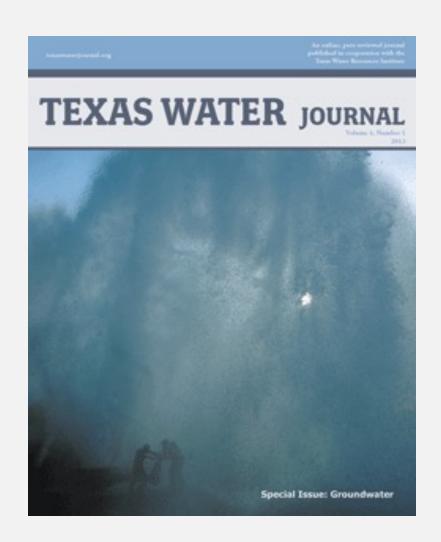
District Funding is a Problem.

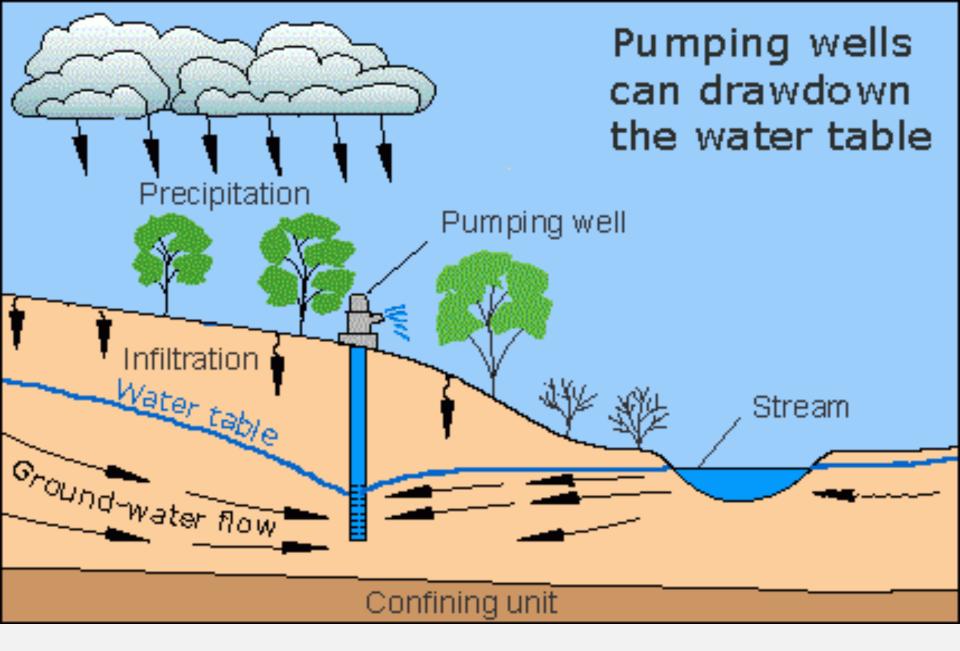
Texas Water Journal May, 2013, Vol. 4, No. 1

"Groundwater Conservation District
Finance in Texas: Results of a
Preliminary Study"

Charles R Porter, Jr., PhD

http://journals.tdl.org/twj/index.php/twj/issue/archive





An example of the *conjunctive* relationship of water.

Exempt Uses

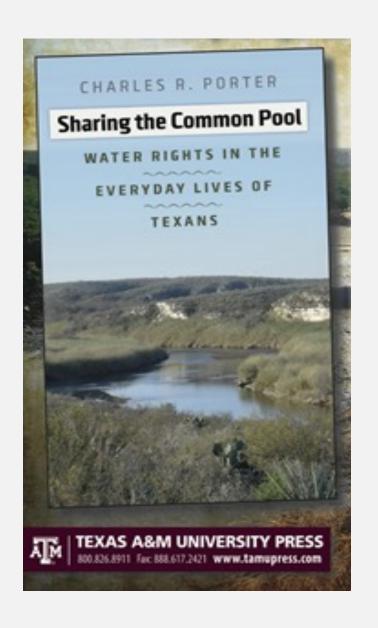
- Exempt uses of the aquifers include:
 - domestic
 - livestock
 - oil and gas exploration
 - any other uses specified in the rules or enabling legislation of a district
- TWDB estimates include only domestic and livestock exempt use through 2060
 - Total exempt use for these categories based on current exempt estimates and projected rural population changes
 - Exempt use divided into individual aquifers based on the percent of domestic and livestock wells completed into each aquifer in each county
- Districts may submit alternative estimates of exempt use for consideration

The 21st Century Urban v. Rural

Will We Agree to

Move Water from District to
District or Basin to Basin?

Hang the law - No, not my water – EVER!





Austin American-Statesman

Forestar legal battle could test Texas water policies

Is the debate really about water or issues about population growth?

"Don't come to Texas, ain't no water." Should the legislature make this a statewide policy?



Interim Report to the 84th Legislature

House Committee on Natural Resources



January 2015

On the other hand, Chapter 36 of the Texas Water Code currently prohibits a district from discriminating for or against an out-of-district permit in any way. Advocates for GCDs believe that the pressure for exporting out-of-district usually exists because export projects involve a

Page 34 of 100

major investment in pipelines and those projects frequently request special treatment in the form of extended permit terms. ¹⁶³ There is no question that the state must find a way to balance the need for planning, the need to adjust groundwater withdrawal permits as necessary, and the need for certainty when large investments are required. ¹⁶⁴ That balance, however, must include ensuring all well-owners are treated the same, without discriminating for or against anyone based on the place or purpose of use for the groundwater. ¹⁶⁵ Providing different permit conditions based on the amount of withdrawal, the point of withdrawal, the rate of withdrawal or the pumping history (historic use) are allowed under Chapter 36 of the Texas Water Code, but those changes must be based on sound science and potential impacts to the aquifer. ¹⁶⁶ In fact, some

ieWimberleyView

Thursday, January 29, 2015

75 cents

Controversial wells increase potential production Local and state officials still looking for answers

Dalton Sweat

Editor

Hundreds of people filled in to the Wimberley Community Center last week to hear a discussion from the Hays Trinity Groundwater Conservation District concerning the Electro Purification test wells off FM 3237.

Last week, the city of Buda voted to negotiate an agreement for one million gallons of water per day from the well field bringing Electro Purification's total contracted amount to 5.3 million gallons a day. The wells are drilled in an area that is essentially without regulation when it comes to how much water could be pumped.

"It is a real unfortunate situation," Hays County Commissioner Will Conley said. "Nobody in Hays County should be able to distribute that amount of water commercially without any local oversight or permitting process. That is just completely irresponsi-



PHOTO BY DALTON SWEAT/WIMBERLEY VIEW

Residents packed the community center on Wednesday of last week for the Hays Trinity Groundwater Conservation District meeting.

The amount of water that is currently under contract to be pumped from the well site is roughly equivalent to all of the water that is pumped in northern Hays County, according to Brian Hunt with the Barton Springs Edwards Aquifer Conservation District, The

ble."

BSEAC district also ends less than two miles away from the well location along with the Hays Trinity Groundwater Conversation District leaving the area without a regulatory agency concerning the Trinity Aquifer.

The immediate concern is how much impact this

level of pumping would have on surrounding property owners.

Electro Purification has stated to officials that they do not believe there is a significant threat caused by the wells, but those living near by are worried.

"It's a frightening situation," said Louie Bond, who lives in Rolling Oaks across the street from the well field. "Without water, we don't have anything. Most of the people out here can't afford to drill a deeper well, and we aren't even sure we would be able to drill deep enough... I imagine there

See Wells, Page 4



What do most water projects have in common that is typically ignored in planning and promotions?

The stark "reality" of right of way acquisition.

Water Valuation



PRESENTED AT

2016 Texas Water Law Institute

November 3-4, 2016 Austin, Texas

Methods and Challenges in the Credible Valuation of Water Rights in Texas

Charles R. Porter Jr.

Edmond R. McCarthy, Jr.

What's the Market Value of Your Water? It depends on "the highest and best use."

- 1. If you decided to sell your land, would you add the "value" of your groundwater to the asking price?
- 2. Would your ability to transfer/deliver that water out of a groundwater conservation district or sell/lease your rights become a factor in the "value" of that groundwater?
- 3. What is the value of the groundwater you own if you "use" it? For a corn crop? For bottled water plant? For other industrial use?
- 4. If a GCD or other regulatory district restricts the landowner's science-based application for a groundwater well permit, is the amount denied subject to a takings claim?

Which scientist's studies do the judge and jury accept?

Are water transfers from district to district good or bad for Texas?

Time is of the essence.

Absolutely in <u>all</u> water transactions.

Key Links

• <u>www.tceq.state.tx.us/</u>

Texas Commission on Environmental Quality – surface water regulator; information on groundwater

• <u>www.twdb.state.tx.us/</u>

Texas Water Development Board – information on groundwater; 2012 State Water Plan

www.texasgroundwater.org/

Texas Alliance of Groundwater Districts - trade association of GCD's - information on member districts

http://www.twca.org/

Texas Water Conservation Association

• <u>www.texaswaterpolicy.org</u> Porter's water journal.

Suggestions on Water Value Disputes

- Use all three traditional methods and court rulings.
- Offer the court a range of values.
- Clearly delineate <u>all</u> assumptions used and footnote cite each and every fact offered.
- Prove the water is truly comparable in quality, quantity, "economic life," and <u>is able to be transferred</u> – that the product <u>can</u> be delivered. Above all else, this is fundamental to assessment of risk.
- If using comps, once proved truly comparable, <u>confirm</u> <u>both sides (best) or at least one and note clearly the source.</u>
- Follow USPAP (Uniform Standards of Professional Appraisal Practice) guidelines and/or Article 11 of the NAR Code of Ethics, Standard of Practice 11-1.

The key to Texas water supply is groundwater.

Another key is use of diffused surface water.

Eventually the key might become desalination.

All water policies must encourage conservation!

What can all of us do now?

Inform your members about their GCD and visit the TWDB and TCEQ sites.

Go to your Groundwater Conservation District meetings and participate.

Get to know your GCD board members and staff.

Contact and set up a relationship with a water rights attorney.

Encourage your neighbors to register their wells and meter to determine amount of water used.

Support new policies such as Aquifer Storage and Recovery (ASR).

Support water transportation by pipeline for the future of Texas.

Capture each and every drop of water off your roofs and your land.

The key to Texas water short-term is groundwater. Eventually it might become desalination, but not yet.



Thank You

crporter@sbcglobal.net

512-627-3793