

WATERSHED WEEK IN REVIEW



Bridge Over Lake LBJ

In just over seven months after its collapse during the October 16 flood, the Highway 2900 Bridge over the Llano Arm of Lake LBJ in Kingsland reopened this week.



The bridge, built in 1969, was destroyed when floodwaters on the oft-touted 'Constant Level Lake' rose by 10 feet in 7 hours.

Battling KR Bluestem? Maybe this program is for you.



Texas Parks and Wildlife Pastures for Upland Birds Program (PUB) provides cost-share incentives and technical guidance to private landowners to restore native grass and for vegetation on pastures and hayfields dominated by exotic grasses such as Bermudagrass, bahiagrass, and Old World Bluestems.

Llano and Mason Counties are now included in the program area.

[Learn more about the Program.](#)

Two Legislative Updates from Texas Tribune

Eminent Domain Reform Legislation fails this Legislative Session

Despite hundreds of hours of negotiations between Texas landowners and industry groups, legislation to address concerns over the eminent domain process could not be finalized, with lawmakers pledging to make it a top priority for future sessions.

By Carlos Anchondo
Texas Tribune

Texas State lawmakers looking to reform the eminent domain process were unable to find common ground this session, despite hundreds of hours of negotiation...[read Texas Tribune Article](#)

Lawmakers Pass Bills to Better Fund Texas Parks

Advocates have pushed for years to put a constitutional amendment before voters to ensure Texas parks and historic sites get the maximum funding authorized from a sales tax on sporting goods. They have finally succeeded.

By Carlos Anchondo
Texas Tribune

State parks and historic sites across Texas could receive a much-needed bump in funding in the not-so-distant future.

In a big win for outdoor enthusiasts and day-trippers alike, legislation that would ensure that the Texas Parks and Wildlife Department and the Texas Historical Commission always get the maximum amount of money they are allowed to receive through a state sporting goods sales tax has passed both the House and Senate and now heads to Gov. Greg Abbott's desk for his signature.

[Read full article...](#)

City of Mason Tire Clean Up



The City of Mason will be holding a City Wide Tire Clean-Up from Monday, June 10 to Friday June 14. All tires can be dropped off at the Recycling Center at 510 N Avenue F. If you have questions, please contact the Recycle Center at 325-347-5710.

Gradient Boundary?

Gradient Boundary Method

Level reading at the Toe of Slope (a)

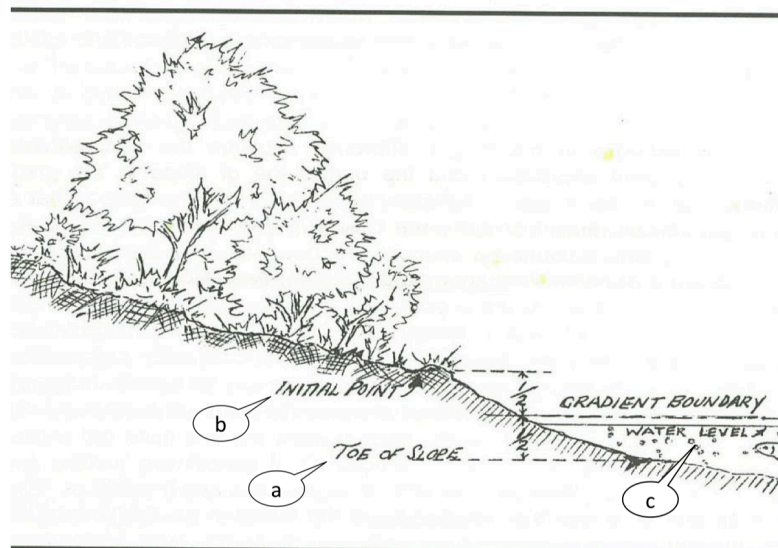
Level reading at the Initial Point (b)
 $(a - b)/2 = \text{gradient boundary}$

Level reading at the Water Level (c)
 datum

$$\text{gradient boundary} - c = \text{height above datum}$$

Red River GB as cited by Stiles in TX Law Review (1952)

- Wichita County, Texas
 - Bank Height = 3.0 feet (0.914 m)
 - Boundary Height = 1.5 feet (0.457 m)
- Cooke County, Texas
 - Bank Height = 3.0 feet (0.914 m)
 - Boundary Height = 1.5 feet (0.457 m)



Gold, 2002

The Gradient Boundary is used in Texas Water Law to determine the boundary between public waterways and private uplands. Sometimes referred to as the mean-gradient boundary, it is located midway between the lower level of the flowing water that just reaches the so-called cutbank and the higher level of the flowing water that just does not overtop the cutback. Clear as the mud on the Red River from which this definition derived? Perhaps the graphic helps a bit.

Full Slate of Activities at South Llano River State Park this Week

South Llano River State Park Programs for May/June 2019

Frog Watch -Look and listen for frogs with a ranger. Learn all about what they are talking about. We will learn about the local amphibians and hear their story of survival. Meet at the **Acorn Blind**. **No pets, please.** – **Friday, May 31 and June 7- 9pm**

Hike with a Ranger! - Come hike with a ranger and explore the West Canyon Loop trail! The trail is rated as moderate - it's 4 miles long. We will meet at the **Agarita bird blind** next to HQ. - **Saturday, June 1 – 9am-11am**

Scat and Tracks! - Come learn about what gets left behind. Held at the **Acorn Blind**. - **Saturday, June 1 – 1:30pm**

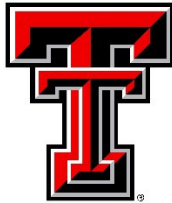
Got Bugs? - Come explore the river and see who lives in the water. Meet at **Main Day Use parking lot** (the big lot) and be prepared to get wet. – **Wednesday, June 5 – 10am**

Llano Aerial Footage-Pt 6

In December of last year, the Alliance had the opportunity to help Texas Parks and Wildlife (TPWD) analyze the impacts of the Fall Floods on the Llano and South Llano rivers from a TPWD helicopter. The flight was recorded using a GoPro camera mounted on the skid of the helicopter.

Part 6 of this footage, from the US 87 Bridge upstream to Martin's Crossing, is now available for viewing on the Alliance YouTube Channel. Additional footage will be uploaded in the coming weeks. [View!](#)





**Texas Tech University
Junction Outdoor School
Presents
“Science In The Sun”
June 10-13, 2019
(2nd – 5th Grade Students)**



Texas Tech University Junction Outdoor School (TTUJOS) will once again be hosting “**Science In The Sun**”, a fun, hands-on learning Science Enrichment Camp.

Students who have completed **2nd through 5th grade** are invited to register and join us at the **Texas Tech University Llano River Field Station, June 10 – 13, 2019, from 8am – 12noon.**

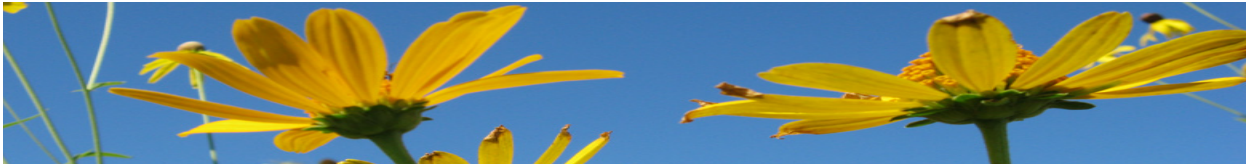
To top off the week, we will hold a Family Cookout Thursday evening, June 13, 2019. Cost: \$50 / student.

To register or find out more information, email us at outdoorschool.junction@ttu.edu or call 806-834-8935 / 806-834-8027.



The Land Ethic

“The land ethic simply enlarges the boundaries of the community to include soils, waters, plants, and animals, or collectively: the land.” -Aldo Leopold



Fostering a Land Ethic Workshop for Informal and Formal Educators

June 16-19, 2019

**Texas Tech University - Llano River Field Station
Junction, TX**

What is it? –An interdisciplinary outdoor educational experience taught by education professionals and natural resource specialists. This workshop will include the skills and teaching methods to engage students in the art and science of nature and will emphasize stewardship of Texas’ natural resources and development of a personal land ethic. Participants will explore human connections to the natural world through hands-on experiences in conservation topics related to Soils, Water quality, Land Ethics and Health, Biodiversity, Plant ID, Habitat and Management. Activities will include Fishing, Tubing, Birding, Nature Crafts, Nature Journaling, Hiking, and Plant Pressing.

Who Should Attend? – Anyone who is interested in learning more about fostering a relationship between our youth and the natural world– teachers, scout leaders, parents, naturalists, park rangers, zoo educators, youth group leaders, and private citizens

Sponsored by:

 State Soil and Water Conservation Board

 McCulloch County SWCD

 Upper Llanos SWCD

 Menard County SWCD

 Texas Tech University - Junction

For information about the workshop, contact Christine Moseley at Christine.moseley@utsa.edu

Full or Partial Scholarships available from local Soil and Water Conservation District

Cost: \$250.00

Includes:

**3 nights lodging and
9 meals**

**25 Hours of
Professional
Continuing
Education Units**

**Certification in
Leopold Education
Project curriculum**

**LEP Curriculum
Guide**

**Copy of Sand County
Almanac**

**Lessons correlated
to the TEKS.**