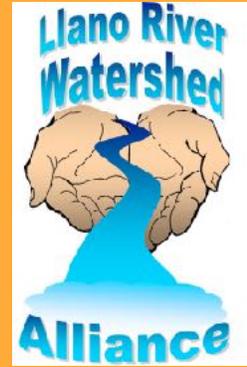


WATERSHED WEEK IN REVIEW



Mystery Location Game

Round One Answer

An extraterrestrial has indeed visited the Llano Watershed.

We don't know when, but a record of the visit first occurred in 1975. Ok, so it's not what you might have been thinking...

Read more...

Pictures on Page 5

And here are this week's mystery coordinates:

[30.476509 -99.123705](https://www.google.com/maps/place/30.476509,-99.123705)

Time to Renew

It is time to renew your membership for the Llano River Watershed Alliance. We renew memberships in the fall to avoid the holidays and property tax time. Over the past year, thanks to your support, the Alliance has brought you weekly information (through this newsletter), provided timely information about the October floods, removed navigation hazards resulting from the flood, and removed debris from the 42,000 pounds of avocados that spilled into the South Llano. And there is much more.

If you appreciate and support our efforts, please consider joining for \$20 or becoming a sponsor for \$100. It is up to all of us to steward this great resource.

More details about membership benefits page 2.



Avocado spill debris

Click on the **Donate Button** at www.llanoriver.org

Landowner Tours - Mark your Calendar

One of the new benefits to LRWA members this year is the series landowner tours throughout the watershed. Local landowners will show members first-hand their stewardship and provide insight into the good, bad, and ugly of efforts to make the Llano watershed a better place.

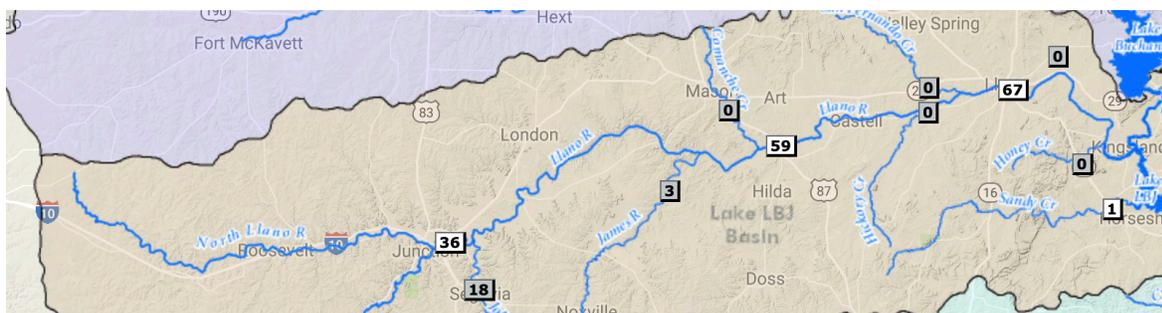


Mark your calendar for the **first tour - Saturday, September 21**- at the North Llano River farm of Andrew and Melissa Burnard. The Burnards will share their story about coming to Kimble County and reviving a small neglected plot of land in just five years. Quail eggs anyone?

Remember, these tours will be open to LRWA members only, so join or renew today.

Flows of the Llano

The Llano is starting to reflect Texas in the middle of August. Flows near Junction are 36 cfs; near Mason they are 59 cfs; and in Llano they are 67 cfs. While these flows are below the median flows for these dates (Junction 72 cfs and Llano 81 cfs), things are much better than they were last year. On August 8th of last year, the flow of the gage at Llano was 0.03 cfs or 13 gallons per minute. Two months later, the flow was 278,000 cfs, or 125 million gallons per minute.



Zebra Mussels Discovered in Lake LBJ

[Read Full Texas Parks and Wildlife News Release](#)

AUSTIN – Established, reproducing populations of invasive zebra mussels have been discovered at two new lakes in Central Texas, Lake Lyndon B. Johnson (LBJ) in the Colorado River basin northwest of Austin and Lake Pflugerville northeast of Austin.

Texas Parks and Wildlife Department (TPWD) and Lower Colorado River Authority (LCRA) biologists confirmed the presence of zebra mussels in Lake LBJ after LCRA staff found about a dozen juvenile and adult zebra mussels near the Thomas C. Ferguson Power Plant in the Horseshoe Bay area July 29. Additional surveys also found juvenile and adult zebra mussels attached to structures in several other locations in the lake near Wirtz Dam, McNair Park and Kingsland Community Park and zebra mussel larvae were found in plankton samples. Zebra mussels are expected to spread downstream from Lake LBJ into Lake Marble Falls where zebra mussels haven't been found to date.

Alliance Suggests Ways to Increase Safety and Decrease Threat of Zebra Mussels

Last Monday, the Alliance presented a resolution to the Junction City Council encouraging the adoption of a “No Wake Zone” for Junction Lake. Alliance Vice-President Dr. Gary Garrett advised the Council that such a designation would both decrease the likelihood of a jet ski striking a swimmer, *and* decrease the likelihood of zebra-mussel infestation into the lake, as the mussel larvae are primarily transported by powered watercraft.



The Council, unsure of their authority to enact such a designation, tabled the request. In the meantime, the Alliance volunteered to research the legal options for the City by their next meeting. *See text of resolution on next page.*

Alliance Resolution to Junction City Council

A Resolution of the Llano River Watershed Alliance to Designate the South Llano River between the City of Junction Dam and Flat Rock Crossing a No-Wake Zone.

Whereas the Llano River Watershed Alliance:

Recognizes that the South Llano River is the sole source of water supply for the City of Junction, and

Recognizes that the City of Junction water supply intake is located at Lake Junction, formed by a run-of-river dam across the South Llano River, and;

Recognizes that South Llano River flows across limestone terrain containing calcium carbonate;

Recognizes that calcium and carbonate must be present in lakes and reservoirs for zebra mussels to survive and reproduce, and;

Recognizes that zebra mussels are already present in Texas and can contribute to clogging of water supply pipes, and are detrimental to native aquatic species, including Guadalupe Bass and freshwater mussels and;

Recognizes that the spread of zebra mussels has been associated with zebra mussel larvae attaching to motor boats and jet-skis (powered watercraft) exposed to larvae in other reservoirs where zebra mussels are present, and;

Recognizes that powered watercraft are more likely than canoes or kayaks to harbor zebra mussel larvae because of their enclosed spaces, and;

Recognizes reducing the use of powered watercraft on Lake Junction can significantly reduce the potential of zebra-mussel infestations for the City of Junction, and;

Recognizes recreational safety issues can occur between powered watercraft and paddlers and swimmers; and

Recognizes that the segment of the South Llano River upstream of the City of Junction Dam at Town Lake to nearly Flat Rock Crossing is part of the South Llano River Paddling Trail and is heavily used for family recreation.

BE IT THEREFORE RESOLVED on this day, March 21, 2019, that the Llano River Watershed Alliance endorses the designation of the South Llano River between the City of Junction Dam and Flat Rock Crossing as a No-Wake Zone (maximum 5 mph) to reduce the threat of zebra mussel infestation in the City of Junction waters supply and increase safety by reducing the potential for accidents occurring between powered watercraft and recreational paddlers and swimmers.

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



Like us on Facebook!
Facebook.com/SouthLlanoRiver

Life's better outside.

South Llano River State Park Programs for August 16-23, 2019

Night Hike! -Come experience the park after the sun sets! Meet at the **Acorn Blind**. Trail will be about a mile and half round-trip. Bring: flashlight or headlamp (red if you got one), good walking shoes, bug spray, and water. **Friday, August 16, 9:30pm**

Atl What? Atl Who? Atlatl! – Come practice your prehistoric hunting skills. Find out how hard it is to catch dinner. Meet at the **Main Day Use parking lot** (the big lot). **Saturday, August 17, 10am**

Let's Get Fishy! - Meet at the **acorn blind** (down the path between campsites 39 and 41). Try your hand at Gyotaku, a method used by Japanese fishermen to record their catch! All materials provided. **Saturday, August 17, 1:30pm**

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. **Thursday, August 22, 9am-11am.**

Please remember that water and sunscreen are a necessity for having a fun and safe summer!

Mystery Location Hint

The image above is taken from Google Maps. The meteor crater is located *on private property* about 2 miles east of the Intersection of US 377 and US 83, but is visible from the highway (photo below). As always, please be respectful of private property.

A hint for this week's mystery spot. Located in Gillespie County (yes, parts of the watershed are located here), this site has been in use at least since 1849. Threadgill Creek has a high reading of a particular constituent. Can you guess what and why?

