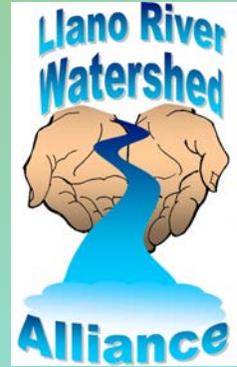


WATERSHED WEEK IN REVIEW



Healthy Creeks and Riparian Areas Workshop

NOVEMBER 3
SUNRISE BEACH

Llano River Watershed Alliance in partnership with Hill Country Alliance and Plateau Land & Wildlife Management are hosting this event from 8:30am-2:00pm at the Sunrise Beach Village Civic Center - 124 Sunrise Drive.

Retired Natural Resource Conservation Service (NRCS) employees **Steve Nelle** and **Kenneth Mayben** and **David Riley** of Plateau Land & Wildlife Management will discuss the hydrology and sediment principles and interactions, vegetation, and stewardship and best practices associated with healthy creeks and riparian areas in the Hill Country.

[more details](#)



Photos : Andrew Burnard

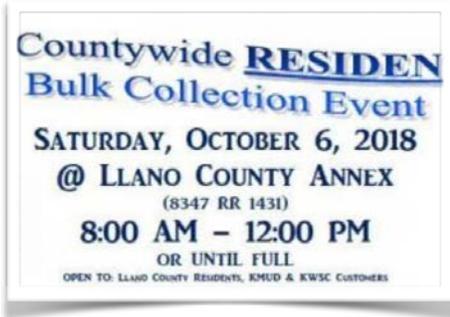
North Llano goes on a Rise

By Andrew Burnard

I spoke to my wife Melissa on Friday afternoon, September 21st. “Are you ready for this? Rain was coming down, not at our place, but about 20 miles north of Sonora, near the headwaters of the North Llano.” A few hours later over the scanner it was reported that I-10 was closed down in both directions. Sutton County Sheriff Office posted a video of water over the I-10 at mile marker 392.

At 11:00pm a friend texted, “are you watching the river?” We were both watching the flood gage at Roosevelt. At 12:30am, I told Melissa to come down to the river, “she needs to see this”. **Continued next page**





Llano Countywide Residential Bulk Collection

SATURDAY, OCTOBER 6
 8:00am - NOON (or until full)
 LLANO COUNTY ANNEX
 8347 RR 1431
 (South of Fuzzy's Corner)

WHAT TO BRING

- Automobile Tires
- Computer Components
- Used Motor Oil
- Lead-Acid Batteries
- Rechargeable Batteries
- Latex Paint (see flyer for details)

Limited Bulk Items Accepted
 Couches, Mattresses, Stoves,
 Refrigerators, Dishwashers

WHAT **NOT** TO BRING

- Chemicals of any kind
- Dioxins
- Explosives or Ammunition
- Medical and Pharmaceutical Items
- Compressed Gas Cylinders
- Household products labeled : *Caution, Warning or Poison*
- Petroleum based paints, stains or varnishes
- Construction or Demolition debris

See flyer for more details

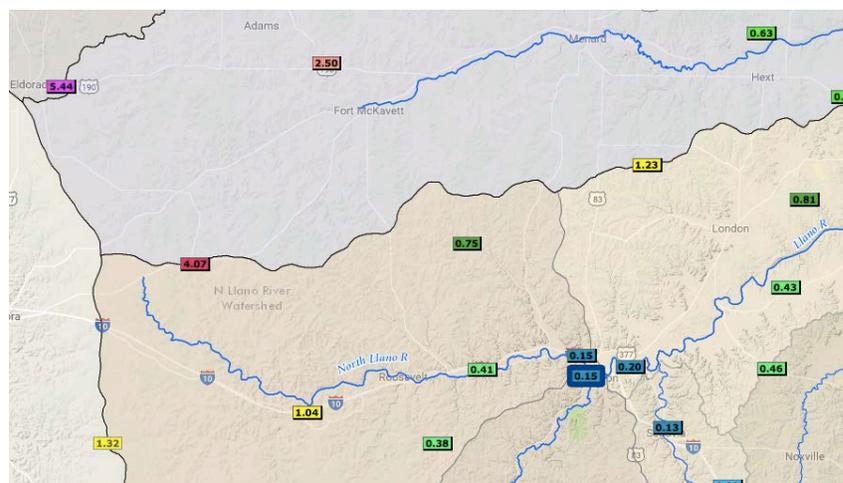
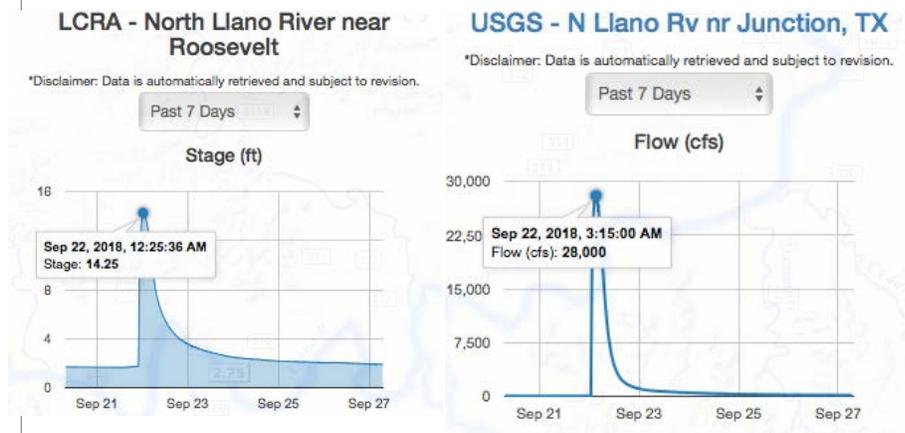
The North Llano was rising, and rising, and rising! We could see the debris the river was washing down.

The next morning, we could see the river from the house. A rise at our property of 31 vertical feet. Cabins on the property next to us were moved. I headed to Junction and the US Geological Survey, who monitors the rivers, were taking measurements on the North Llano bridge. The flow gage just upstream of the bridge recorded a flow of 28,000 cubic feet per second, that's up from zero just a few weeks ago.

A week later the river is getting back to normal; the water is crystal clear. I can see the river has healed itself, gravel bars have moved, and our deep hole we swim in has shifted about 20 feet.

Figures below show stage, flow, and total rainfall for 7-day period September 20-27, 2018.

EDITOR'S NOTE : Alliance Board member Andrew Burnard and his wife live along the North Llano west of Junction.



More on North Llano Rise

Last month's rise on the North Llano (28,000 cfs/20.82 feet) was slightly greater than the rise in 2015 (27,600 cfs/20.74 feet). It was the largest rise since 2004 when the North Llano reached 62,000 cfs/25.3 feet.

As a result of this recent rise, the confluence of the North and South Llano river has shifted northward about 50 yards. For reference, the confluence used to be 250 yards further north (look for follow up article in next week's news letter). The sand and gravel carried during the rise on the North Llano sealed off the old channel.



The New Confluence of the North and South Llano. Above: Old confluence is now a backwater in foreground; new confluence at center left of photo. Left: Old channel sealed off by debris.

Also, you never know what you are going to find in the river after a flood. The finding below was certainly a first for this paddler. (btw...Kimble County Sheriff's Office is aware of the situation.)



Changes on LRWA Board



The Llano River Watershed Alliance is pleased to announce the latest members of the Board of Directors. Andrew Burnard, a native of Australia, moved to Kimble County in 2015. Andrew and his wife are in the processing of restoring a 100-year old house and a neglected piece of land along the North Llano River.

Scott Richardson, a familiar face at the LRWA, returns to the Board after a brief hiatus. Scott, one of the original members of the Board and President of the Alliance from 2011-2012, has lived with his wife Martha in Kimble County since 1980.



Regretfully, Board members Holly Platz and Koy Coffey recently submitted their letters of resignation to the Alliance. Holly, who ran the great naturalist programs at South Llano River State Park, has moved to with her newly expanded family to Guadalupe River State Park to be closer to immediate family. Koy, the Llano River Field Station's energetic Outdoor School Coordinator, recently accepted a job with the City of Kerrville. In addition, Tyson Broad is now doing consulting work for the Alliance and resigned from the Board to avoid any potential conflict of interest.

Star Party at South Llano River State Park

Saturday, October 6th from 7:30 pm - 9:30 pm
Held at the South Llano River State Park Main Day Use parking lot
(take the road across from Headquarters, follow to the end)
Join San Antonio Astronomical Association, Mason Star Gazers, and local astronomers for some stargazing! We'll find our way around the night sky, and look through a telescope at Jupiter, Saturn, and other celestial objects. We'll also find out what the park is doing to protect its dark skies. Bring a lawn chair and a red light flashlight (if you have one) to protect your night vision. All ages welcome!