

# [LKWCD Current]

Summer

August 29, 2016

## Water Levels & Rainfall

We started August with water levels higher than they have been in years and hoped that with some rain that they would be able to maintain desirable levels through the month. Well, I am pleased to report that August precipitation and uncharacteristically low temperatures helped to slow down irrigation enough to keep levels looking great. In many wells, levels hardly moved at all since July. Most wells were down from July as expected but were still up ten or more feet than previous August levels. Here at the office we have received just over 3.5 inches of rain for the month compared to last year we had only a few hundredths of an inch. The rain events in August were very scattered and spotty so some areas have much more rain than others. I cannot recall in any year, an August that has been this cool. It sure was a treat to get some relief from the 100 degree weather. This August turned out to be the exact opposite as August 2015 in the best ways possible. Lots of rain and cool temperatures!

## Water Quality

August is the month that we do the annual water quality sampling. We have three lists that we rotate through, one for each county. This year it was Concho county water that was analyzed for water quality. This was the third year that I have personally performed the water quality and have now sampled from each county. This year's results from Concho county put it at the top of the list in regards to best quality of water. Below is the averages of the general chemistry tests performed.

TDS	Hardness	Nitrates	Sulfates	Chlorides
977	597	15	232	189 (mg/L)

These averages meet the state standards for drinking water with the exception of nitrates, which is slightly over the 10 mg/L standard. Overall the water looked very good from previous water quality analyses. Next year water quality sampling will take place in Runnels county.