

LKWCD Current

2nd Quarter

July 29, 2015

Rainfall

This month I made the third quarter rounds of downloading the rain stations that are placed throughout the district and was very pleased with the data that was recorded. The overall average of rainfall for the first half of the year came out to 14.97 inches. The area with the highest amount of rainfall so far was recorded by rain station 16, which is located north of Winters just off of Hwy 83. It has recorded a whopping 21.24 inches of rain! The rain station with the lowest recorded rainfall for the year is rain station 20, which is located off of CR 269 just east of Norton. It has only recorded 2.76 inches for the year thus far. The year to date averages for each individual county are as follows; 14.58 inches for Tom Green, 15.53 for Runnels, and 14.80 for Concho. As one can see, the rainfall has been quite evenly distributed throughout all three counties. The historical annual rainfall averages for all three counties is between 22 and 23 inches per year and with already receiving roughly 15 inches, we are well on our way to having a wonderfully wet year!

Water levels

This month I also spent time downloading the pressure transducers that we have in multiple monitor wells. The transducers take a daily measurement of the water level opposed to the single monthly manual measurement, this gives us greater detail on how the water levels drop due to irrigation or conversely, how quickly the water level rises due to recharge from rainfall. The water levels this month were still on the rise in many areas. There were also many wells that had dropped quite a bit from last month due to heavy irrigating, which is expected this time of year. Overall, the water levels are still much better off than this time last year thanks to the heavy precipitation we have received during the first half of 2015.