

# Drought Status Chart

## Barton Springs/ Edwards Aquifer Conservation District

### Drought Stage II Alarm



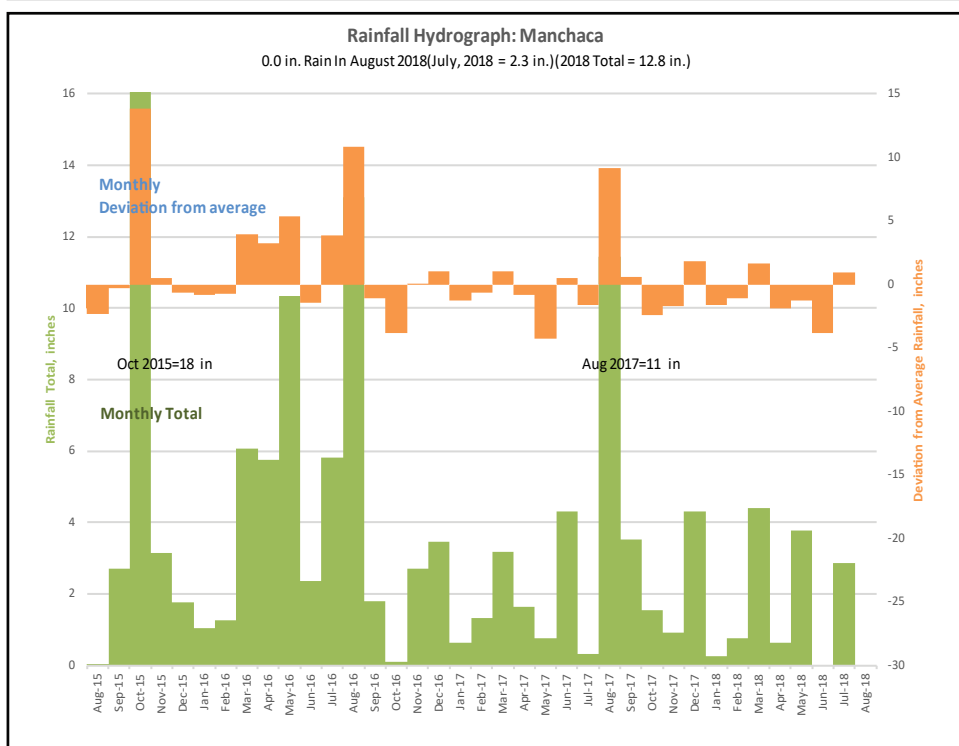
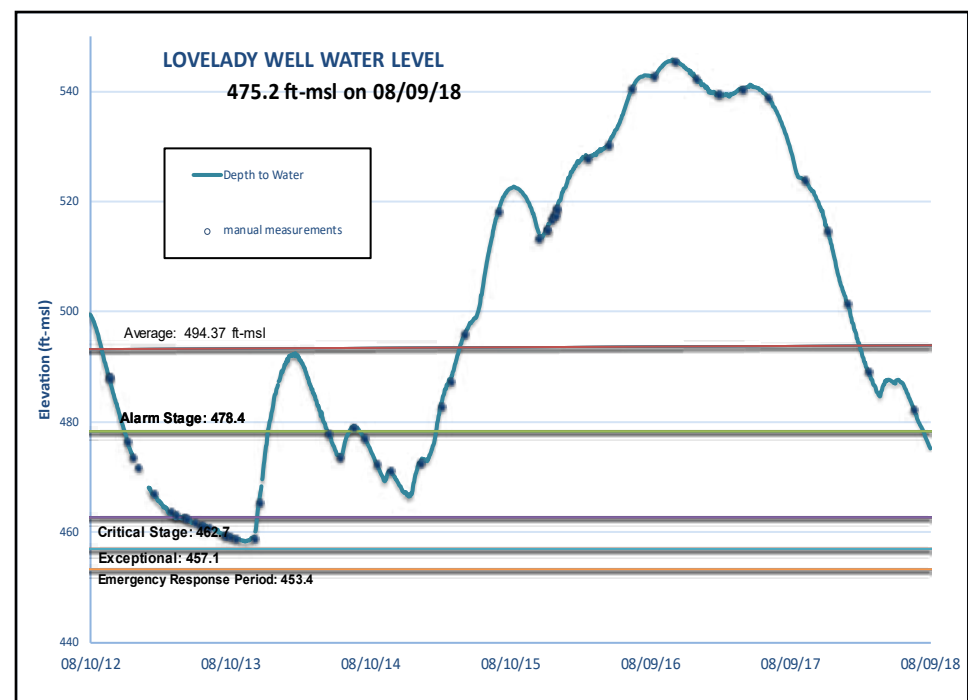
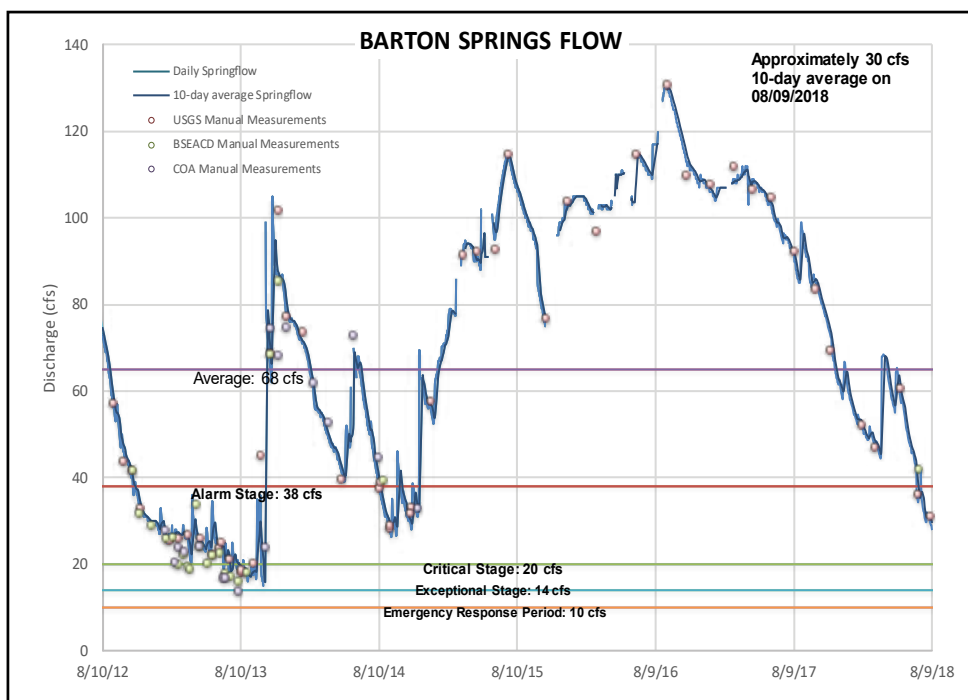
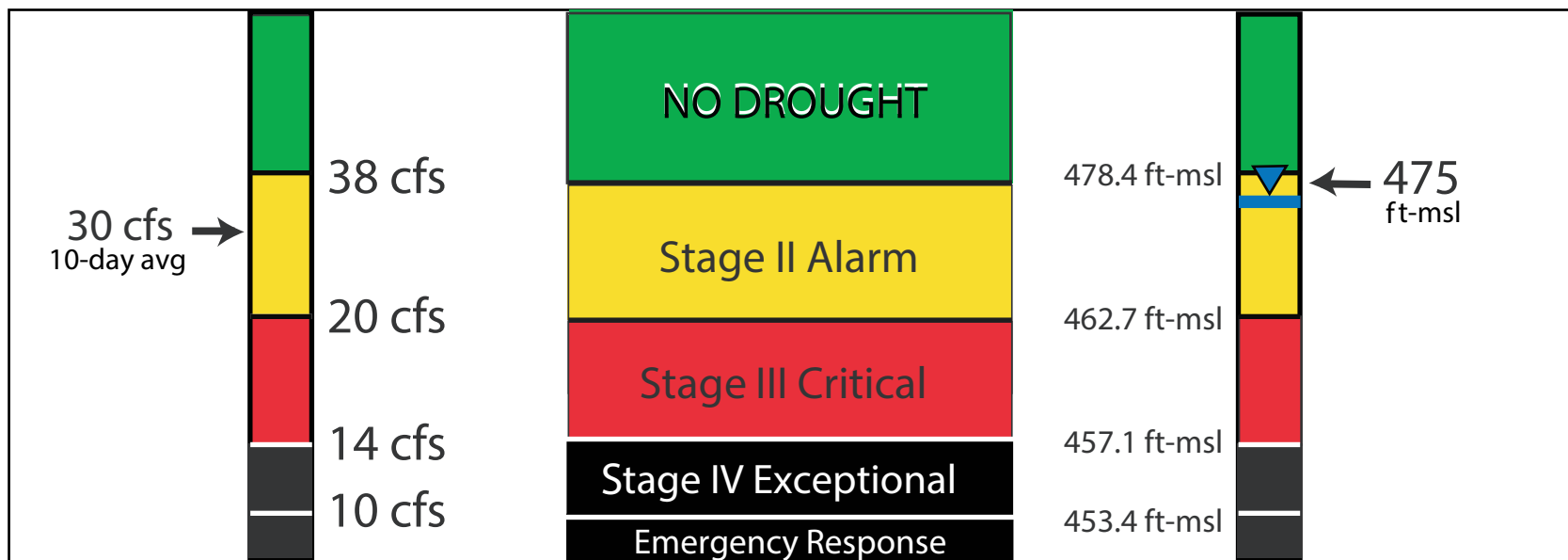
August 9, 2018



**Barton Springs Discharge**  
(cubic feet per second)  
Previous value: 31cfs on 7/26/18

**Lovelady Well Water Level Elevation**  
(feet above mean sea level)  
Previous value: 479 ft-msl on 7/26/18

### Drought Status



**U.S. Drought Monitor Texas**  
August 7, 2018  
(Revised Thursday, Aug 9, 2018)  
Valid 8 am EDT

**Legend:**  
 D0 (No Drought)  
 D1 (Moderate Drought)  
 D2 (Severe Drought)  
 D3 (Extreme Drought)  
 D4 (Exceptional Drought)

The BSEACD drought outlook valid from July 12, 2018, to July 26, 2018 remains in "ALARM STAGE II Drought" as Barton Springs flow has dipped below the 38 cfs trigger to 30 cfs. Aquifer levels at the Lovelady monitor well have also crossed beneath its drought trigger level of 478 ft-msl. Levels are currently at 475 ft-msl.

Flow and water levels continue to drop as we push through the summer heat and no rain since the 4th of July. The region is so dry that little to none of the rain produced in early July showed any measurable recharge. Barton Springs Flow fell below the drought trigger on 7/5/18 while Lovelady water levels dropped below its drought trigger on 7/21/18.

A change in the weather pattern is still forecast to take place across the region over the next couple of days when a trough of low pressure tracks south out of the Plains states and moves across North and Northeast Texas. The trough will push a weak cold front into North Texas. Forecast solutions call for the cold front to push into North Thursday, with the front stalling across the region through the weekend. Small waves of low pressure moving through the trough are predicted to kick off occasional rounds of showers and thunderstorms across North Texas beginning late Thursday, continuing through the weekend. Some of this rain activity is forecast to spread south across the Hill Country and into parts of Central Texas. However, the most favorable are for rain looks to be across North Texas and possibly as far south as the northern Hill Country.

-Bob Rose, LCRA Meteorologist

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