

# Drought Status Chart

## Barton Springs/ Edwards Aquifer Conservation District

# NO DROUGHT



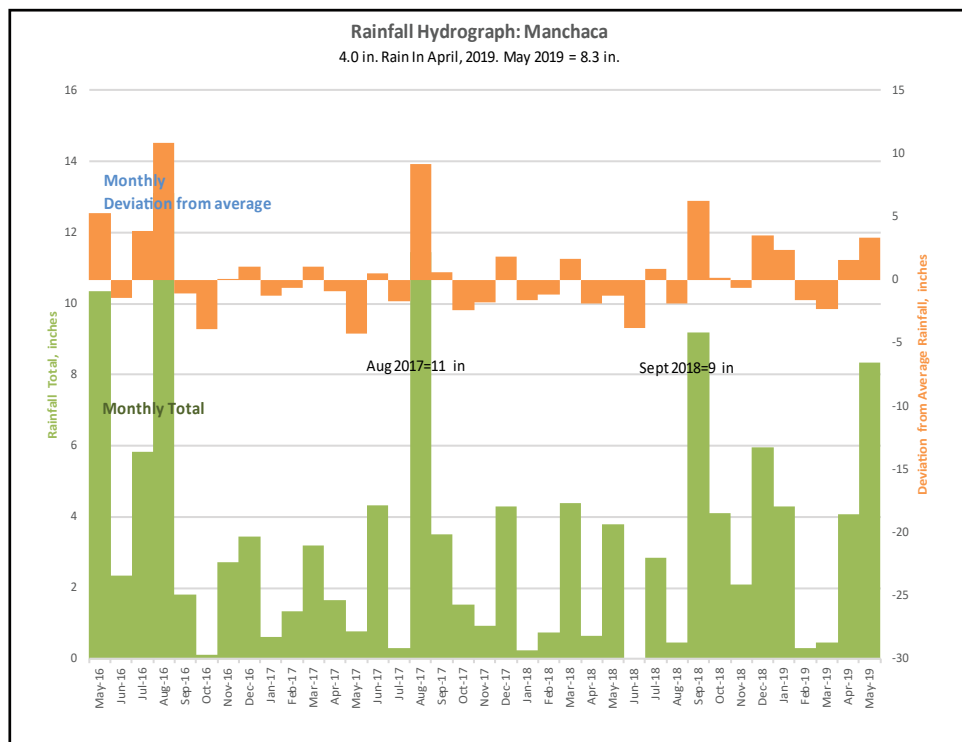
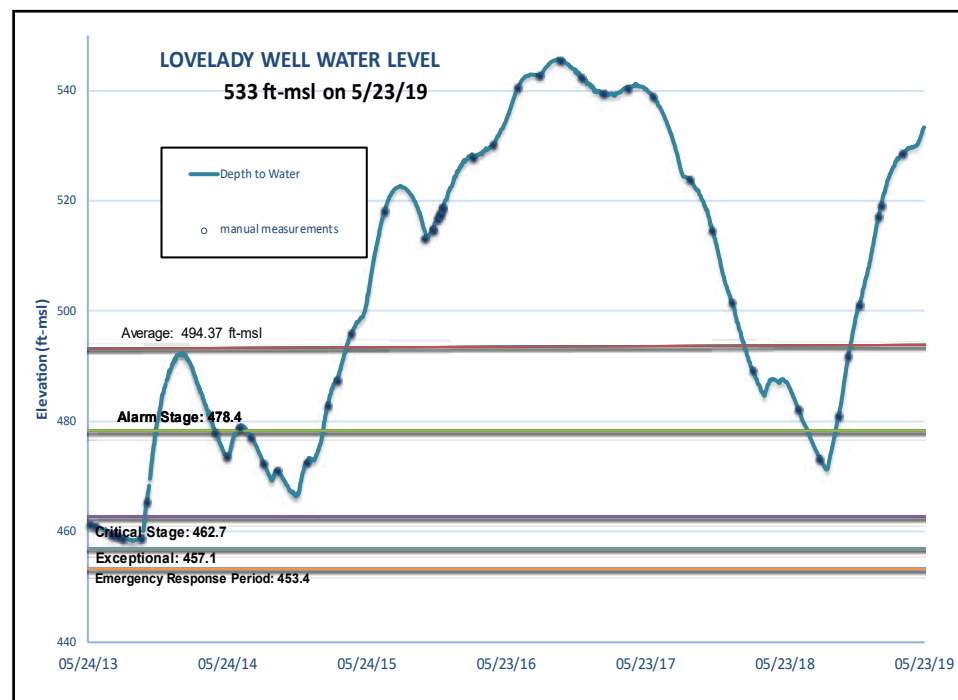
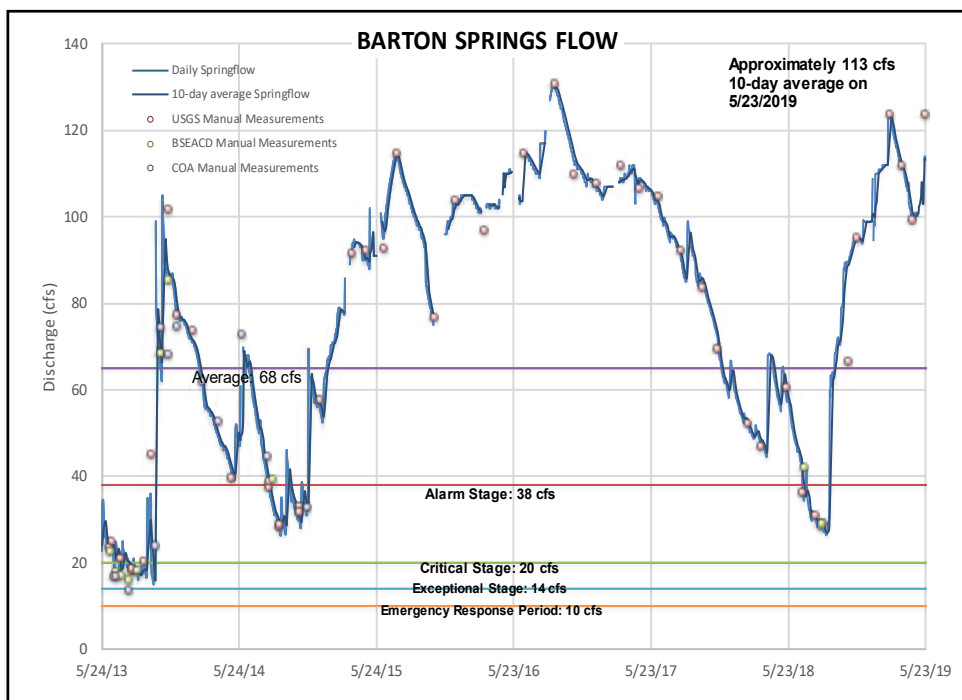
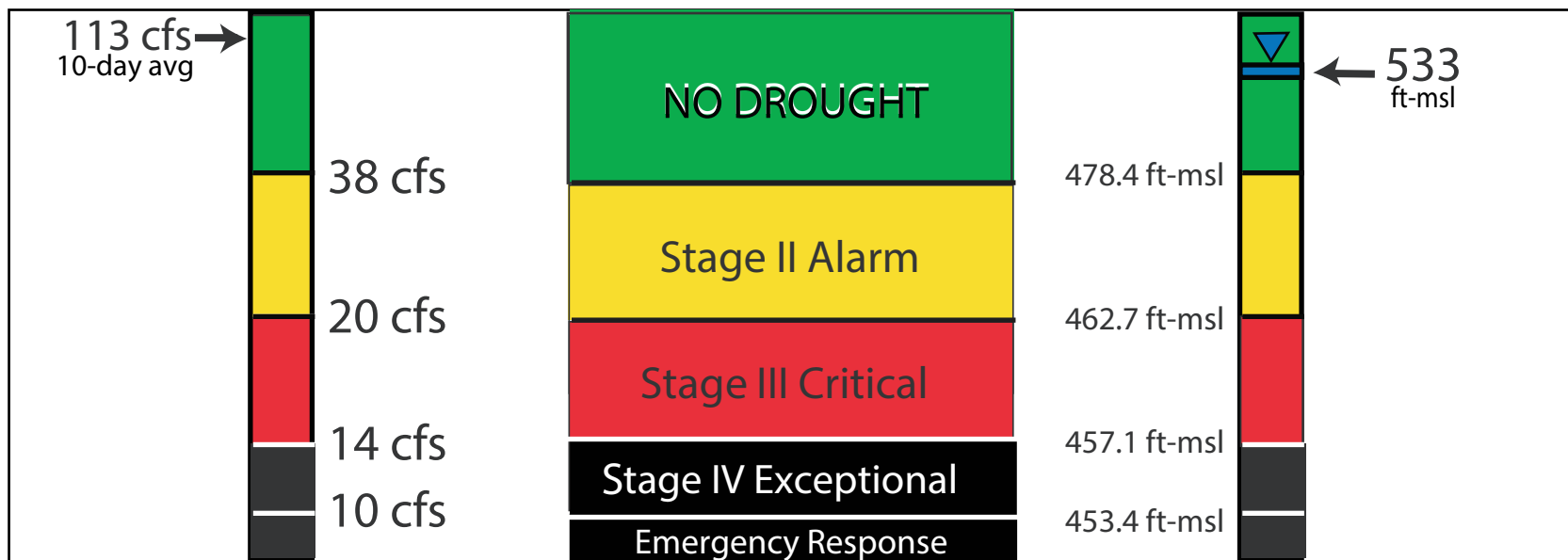
May 23, 2019



**Barton Springs Discharge**  
(cubic feet per second)  
Previous value: 103cfs on 5/9/19

**Lovelady Well Water Level Elevation**  
(feet above mean sea level)  
Previous value: 531 ft-msl on 5/9/19

### Drought Status



**U.S. Drought Monitor Texas**  
May 21, 2019  
Assessed Thursday, May 23, 2019  
Valid 8 a.m. EDT

Legend:  
Pink: No Drought (0-99 days)  
Yellow: D1 (100-149 days)  
Orange: D2 (150-199 days)  
Red: D3 (200-249 days)  
Dark Red: D4 (250-299 days)  
Black: D5 (300+ days)

The BSEACD drought outlook valid from May 9, 2019, to May 23, 2019 remains in "No Drought" status. Through May of 2019, BSEACD boundaries within Travis and Hays counties received an average of 10 inches of rain. This is about 5 inches more than we received in April. The month of May lived up to being Austin's wettest month of the year. Lovelady levels continue to climb and Barton Springs maintains a 10-day average of above 100 cfs.

Current Lovelady waterlevel (533 ft-msl) are on the way to surpass the 2003 peak of 536 ft-msl (3rd highest). The presumed date to reach above this peak is 6/10/19.

The North American Drought Monitor for the end of April had not yet been released by mid-May when we prepared this summary. April showed major improvements across Texas as well as in the headwaters of the Rio Grande (Figure 4a). Percent of normal precipitation in the Rio Grande watershed in Colorado, the primary source of water for Elephant Butte Reservoir, over the last 30 days shows the results of major rainfalls in the basin resulting in two to three times normal precipitation.

We are still under an El Niño Advisory with a 70 percent chance (up from 65 percent a month ago) of weak El Niño conditions continuing through the summer and a 55 to 60 percent chance through the fall (Figure 6). El Niños generally result in wetter-than-normal and cooler-than-normal conditions for Texas and act as a tropical storm suppressor.

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