

# Drought Status Chart

## Barton Springs/ Edwards Aquifer Conservation District

# NO DROUGHT

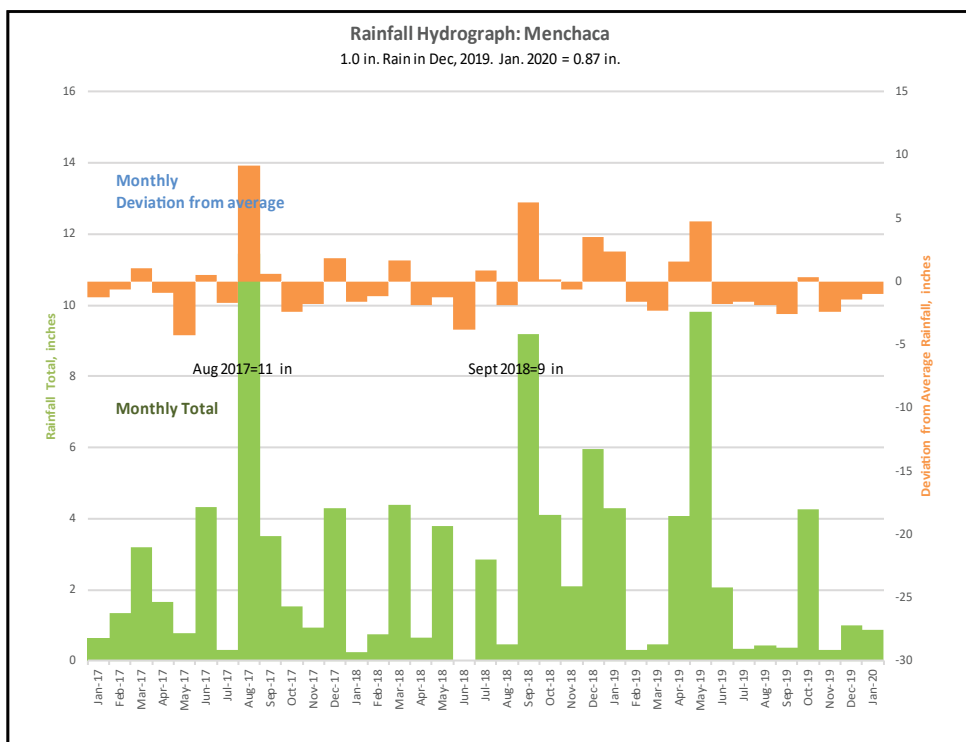
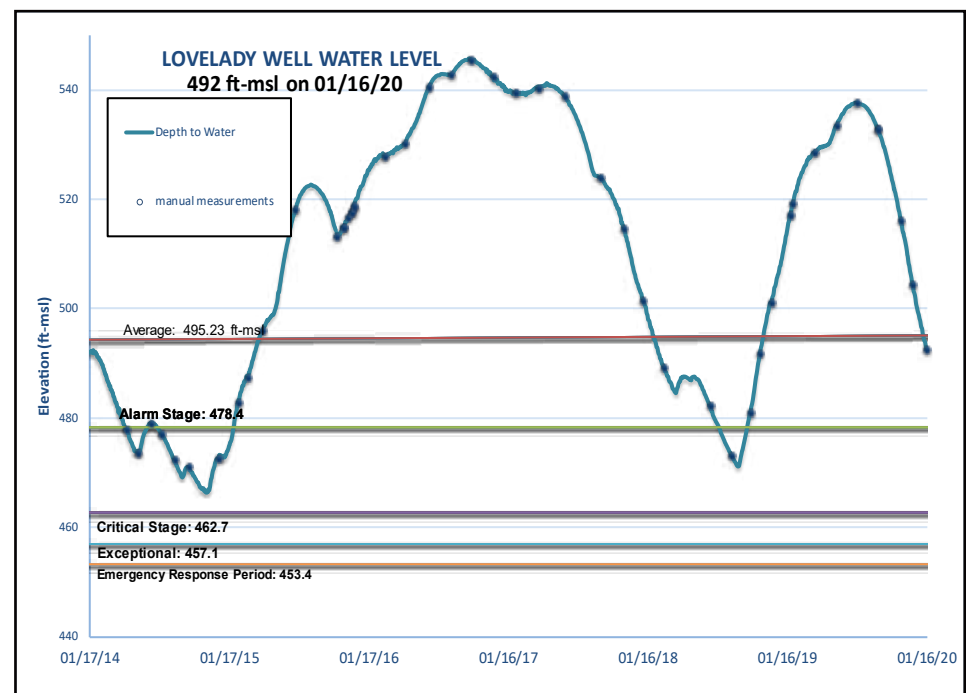
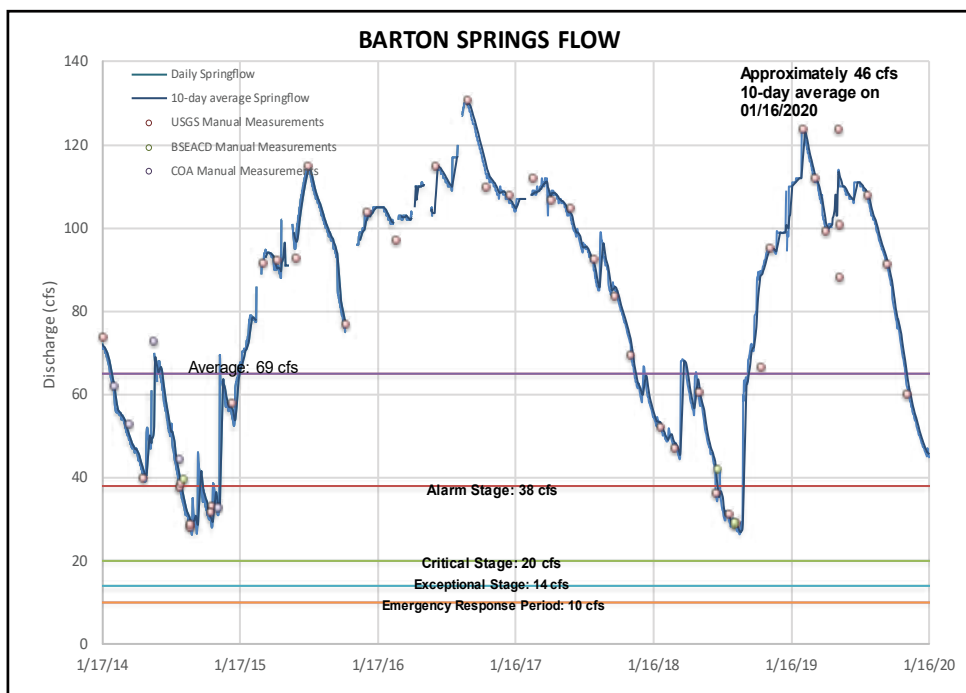
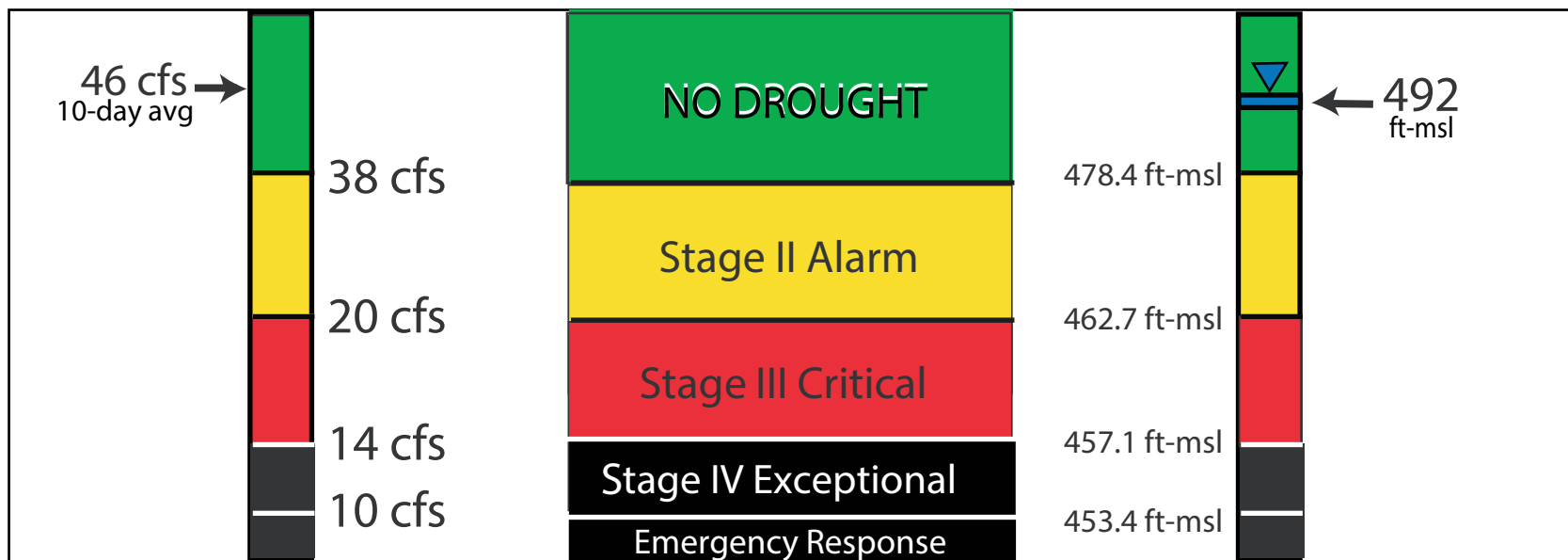


**Barton Springs Discharge**  
(cubic feet per second)  
Previous value: 55cfs on 12/12/19



**Lovelady Well Water Level Elevation**  
(feet above mean sea level)  
Previous value: 503 ft-msl on 12/12/19

January 16, 2020



**U.S. Drought Monitor Texas**

January 14, 2020

Legend: 0 (No Drought), 1 (Marginal Drought), 2 (Moderate Drought), 3 (Severe Drought), 4 (Extreme Drought), 5 (Exceptional Drought)

The BSEACD drought outlook valid from December 12, 2019, to January 16, 2020 remains in "No Drought" status, but declining trends in both spring flow and quifer levels indicate we will be entering Alarm Stage II Drought in early February. The District Board could declare Alarm Stage drought conditions as early as the February 13th board meeting.

Barton Springs flow has fallen below the 100 cfs mark on September 3rd and continues to decline without significant recharge. Current flow is 46cfs. Alarm Stage II Drought threshold is below 30 cfs.

Lovelady water levels are expected to cross below its drought threshold (478.4 ft-msl) in mid-february. Current level is 495 ft-msl

A period of rain showers and isolated thunderstorms will be developing Thursday, with the wet pattern expected to continue Thursday night through Friday night. In this upcoming pattern, the highest totals of rain are forecast to occur across the Hill Country.

Strong or severe thunderstorms are not anticipated as this will mainly be an overrunning-type of rain event. The rain should taper off from west to east late Friday night and toward sunrise on Saturday.

Rain amounts Thursday through Saturday are generally forecast to average between 0.5 and 1 inch. Meanwhile, totals across the Austin/Central Texas area and the middle Texas coast should be around a quarter inch.

Bob Rose (LCRA Meteorologist).

**U.S. Drought Monitor**

January 14, 2020

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