

Drought Status Chart

Barton Springs/ Edwards Aquifer Conservation District

Drought Stage II Alarm



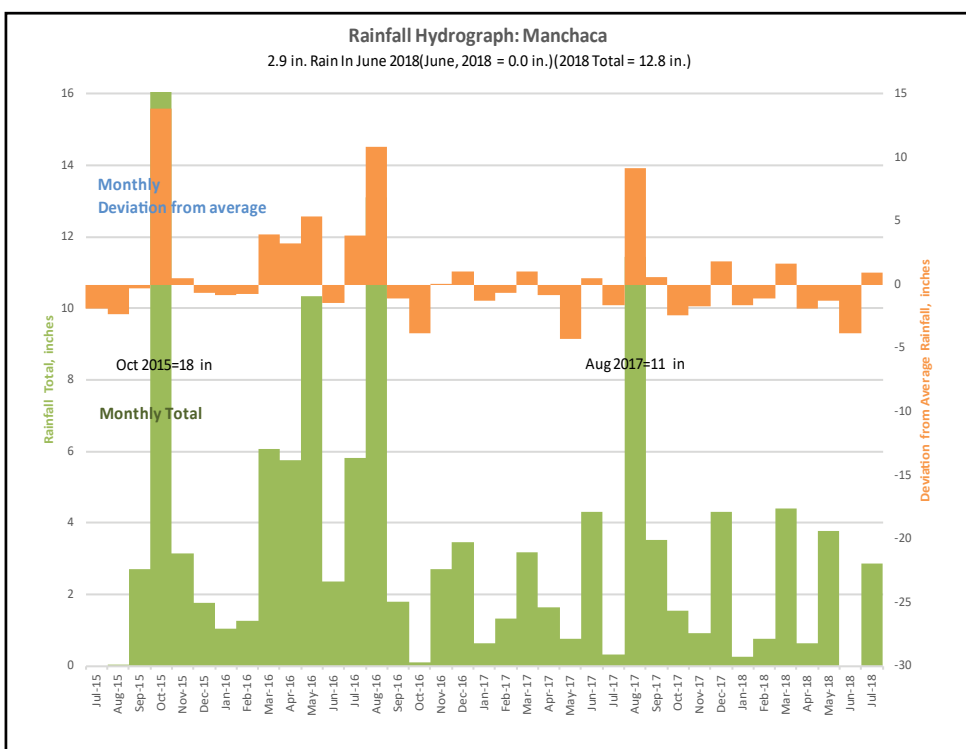
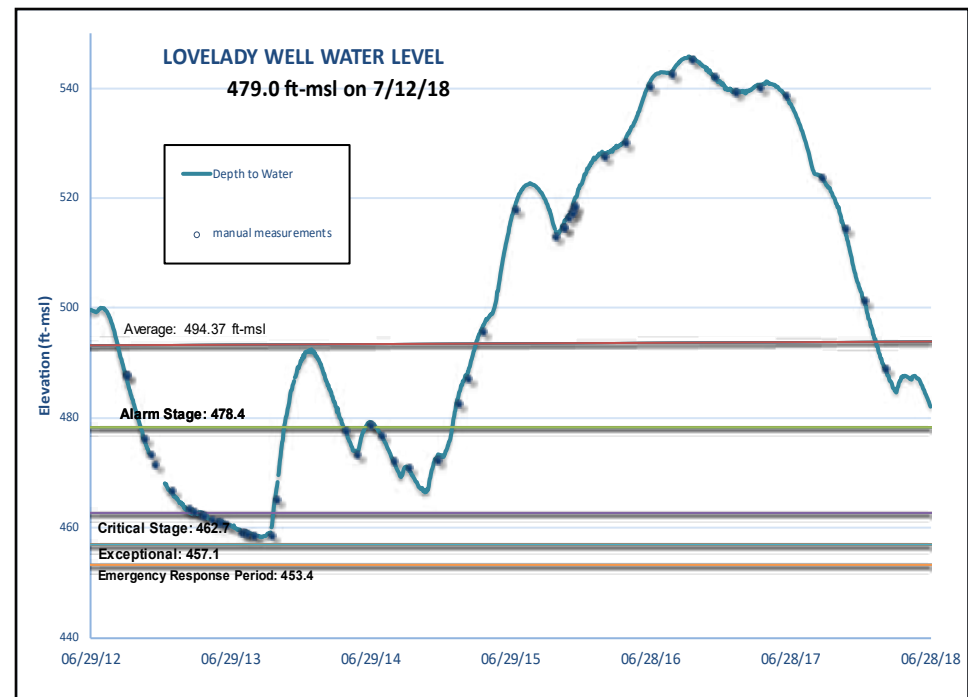
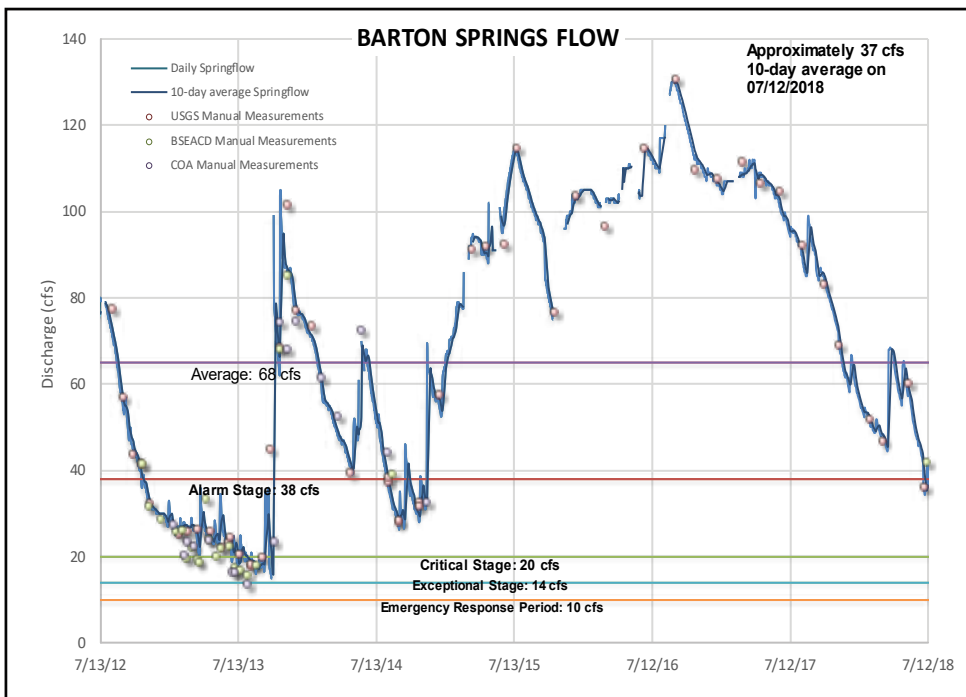
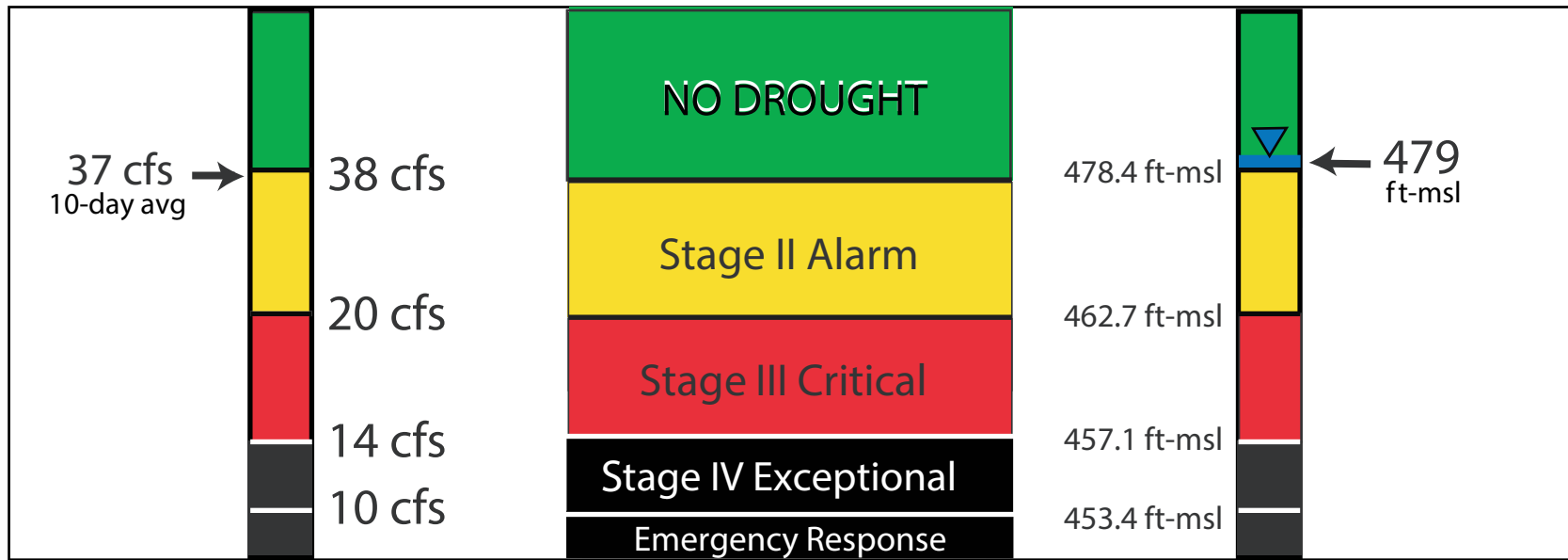
July 12, 2018



Barton Springs Discharge
(cubic feet per second)
Previous value: 44 cfs on 6/28/18

Lovelady Well Water Level Elevation
(feet above mean sea level)
Previous value: 482 ft-msl on 6/28/18

Drought Status



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The BSEACD drought outlook valid from June 28, 2018, to July 12, 2018 has entered into "ALARM STAGE II Drought" as Barton Springs flow has dipped below the 38 cfs trigger to 37 cfs. Aquifer levels at the Lovelady monitor well are getting closer to crossing beneath its drought trigger level of 478 ft-msl. Levels are currently at 479 ft-msl and are anticipated to cross under the trigger sometime this weekend (13th-15th).
Even with a little under 3 inches of rain in the beginning of July flow and water levels continue to drop. The region is so dry that little to none of the rain produced any measurable recharge. Barton Springs Flow fell below the drought trigger on 7/5/18 while Lovelady water levels are predicted to fall below it's respective drought trigger later this week.

A declaration of drought for the aquifers will be made by the District Board based on which of the two drought indicators enters drought condition first. As of 7/5/18 Barton Springs flow has fallen below it's drought trigger. The Board is expected to declare Alarm Stage II drought at the 7/12/18

After such a hot and dry June and early July, this past week's weather has been quite remarkable. With the familiar ridge of high pressure pulling up to the north and a very moist flow of air spreading west off the Gulf, periods of rain showers and thunderstorms developed, bringing much needed rain and less hot temperatures.

National Weather Service rainfall estimates from last Tuesday through today show rain totals have generally averaged around 1-1.5 inches. Several lucky areas received between 3 and 5 inches. The Hill Country region appears to have received the lowest totals. -Bob Rose, LCRA Meteorologist

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