

Drought Status Chart

Barton Springs/Edwards Aquifer Conservation District

NO DROUGHT

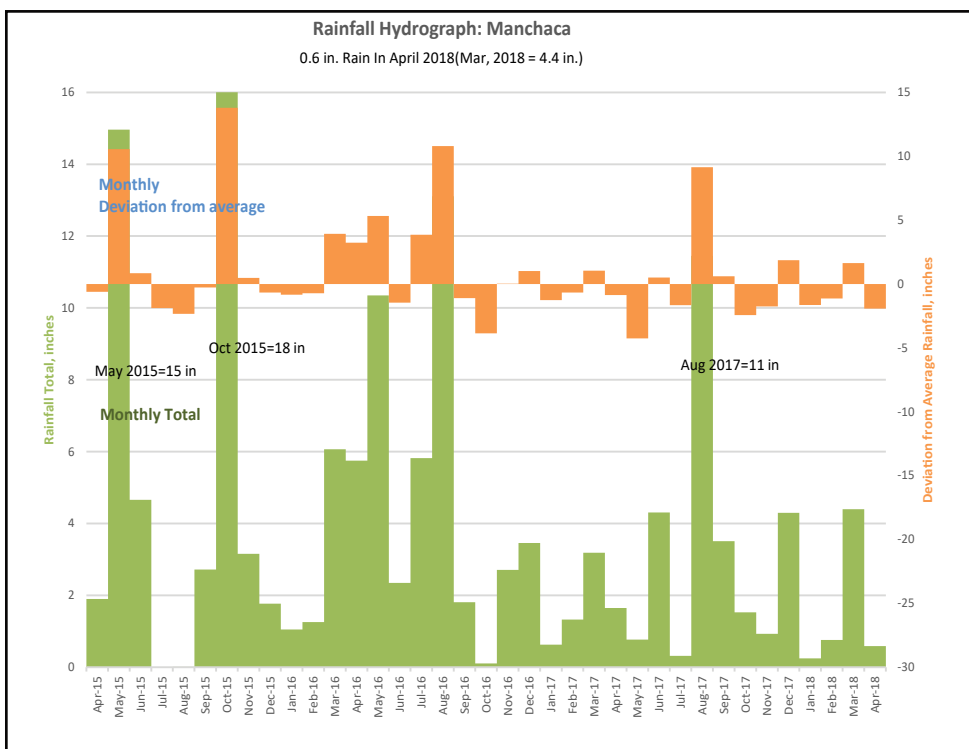
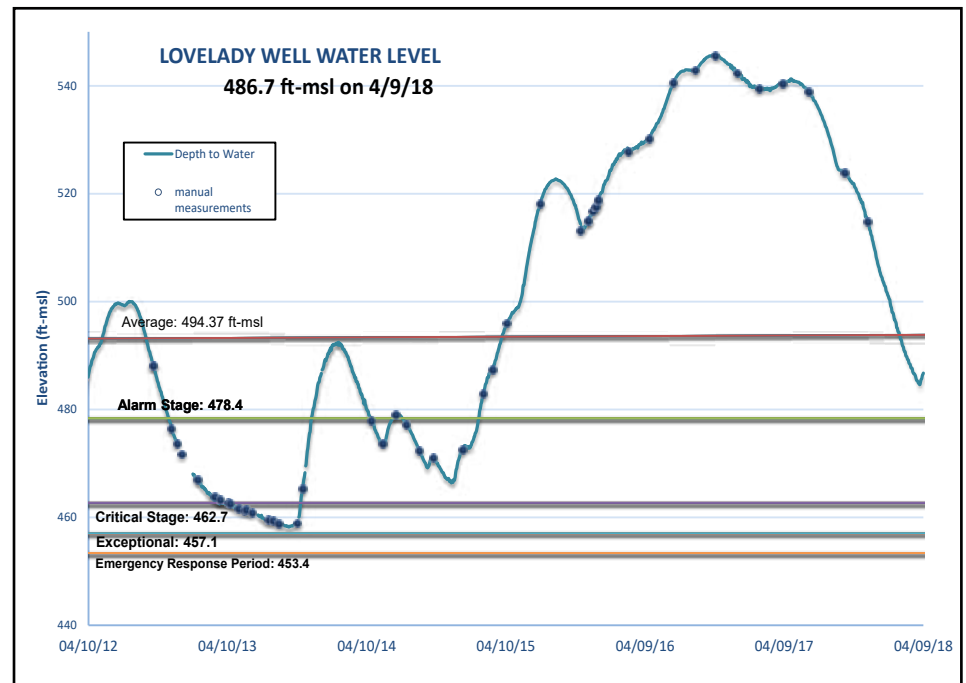
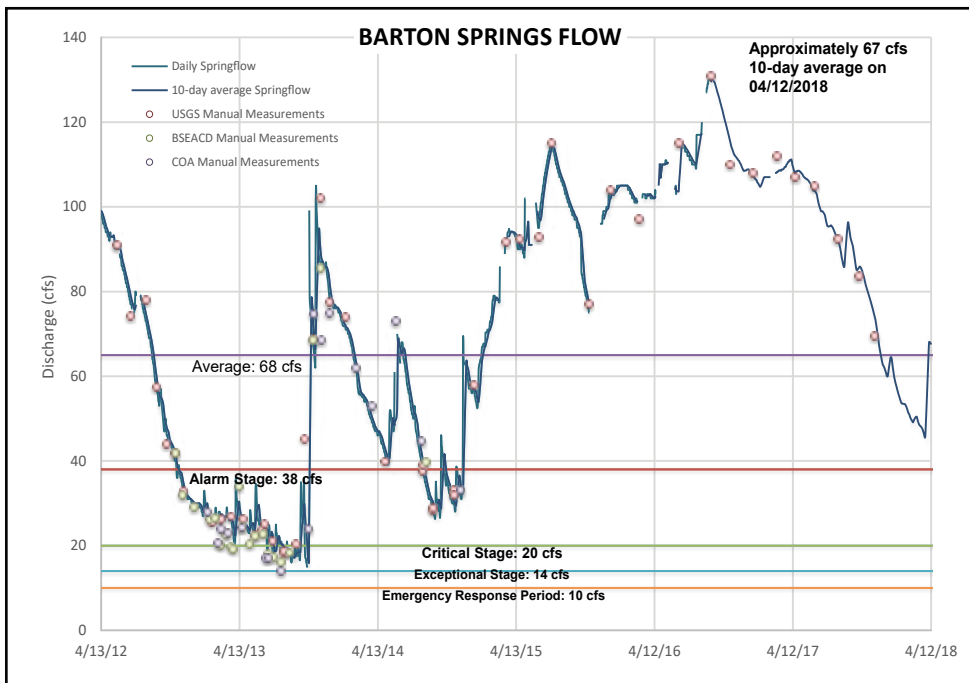
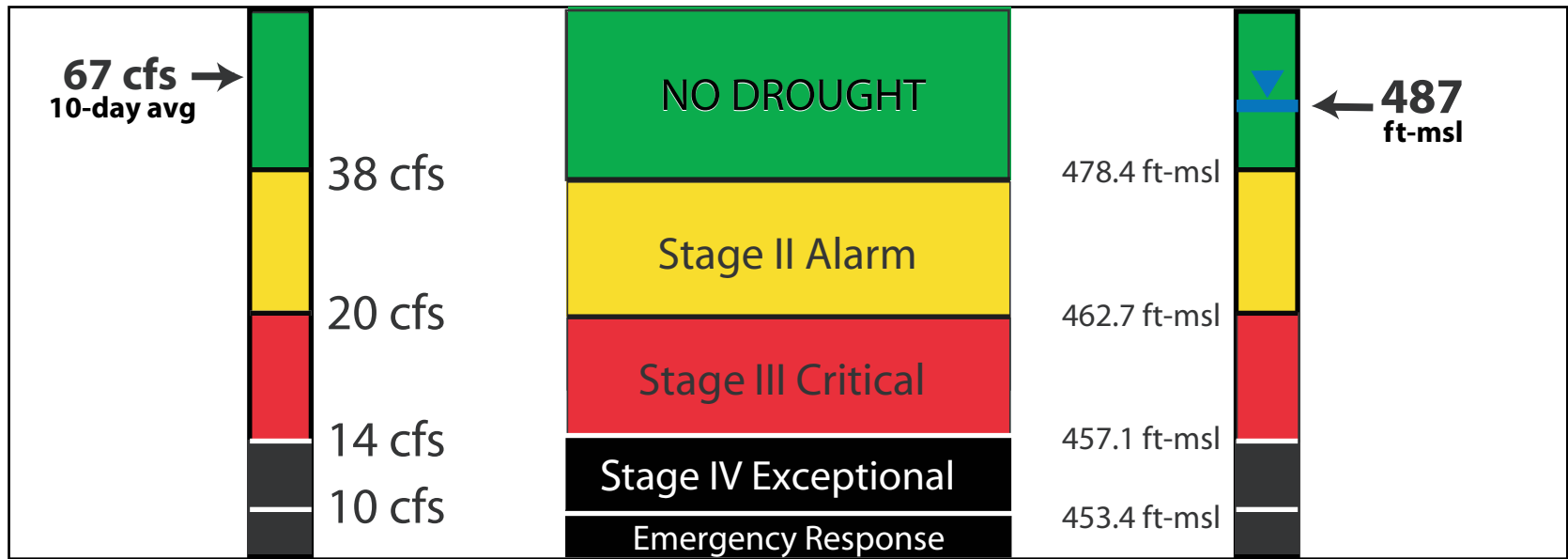


April 12, 2018



**Barton Springs
Discharge
(cubic feet per second)**
Previous value: 47 cfs on 3/22/18

**Lovelady Well
Water Level Elevation
(feet above mean sea level)**
Previous value: 485 ft-msl on 3/22/18



The BSEACD drought outlook valid from March 29, 2018, to April 12, 2018 remains in "NO DROUGHT" as aquifer levels at the Lovelady well were helped out with a 4 inch rain even on March 28th that brought a two foot increase (and climbing) to stay above Alarm Stage level and Barton Springs flow increased to 67 from 47 cubic feet per second

Lovelady water levels are slowly on the rise after a late March shower of 4". All area creeks saw a rise in stage and Onion creek went from dry to 6' feet of stage in Buda with flow peaking at 400 cfs

Barton Springs flow has also been on the rise since the rain, raising flow to a peak 69 cfs (up from 47 cfs). The recent rain has postponed the BSEACD prediction of falling below Alarm Stage (<38cfs) from mid April to late June if we are to not get any more rain.

A declaration of drought for the aquifers will be made by the District based on which of the two drought indicators enters drought condition first. Because of the 4" rain event in late March, aquifer levels and Barton Springs flow have increased. This holds off drought for a bit longer and postpones the BSEACD prediction of drought conditions between April and June of this year to late June to early July. With the development of La Nina conditions, which is a tendency for hotter and drier conditions, may exacerbate the advance of drought.

Look out for more rain this Friday (13th) and cooler temperatures throughout the weekend!