

Edwards BFZ Aquifer—Drought Status Report

NO DROUGHT

Salado Creek
Spring Discharge

695.96 ac-ft
(month)
11.696 cfs

AS OF 5/24/18



Precipitation Deficit
Index (PDI)

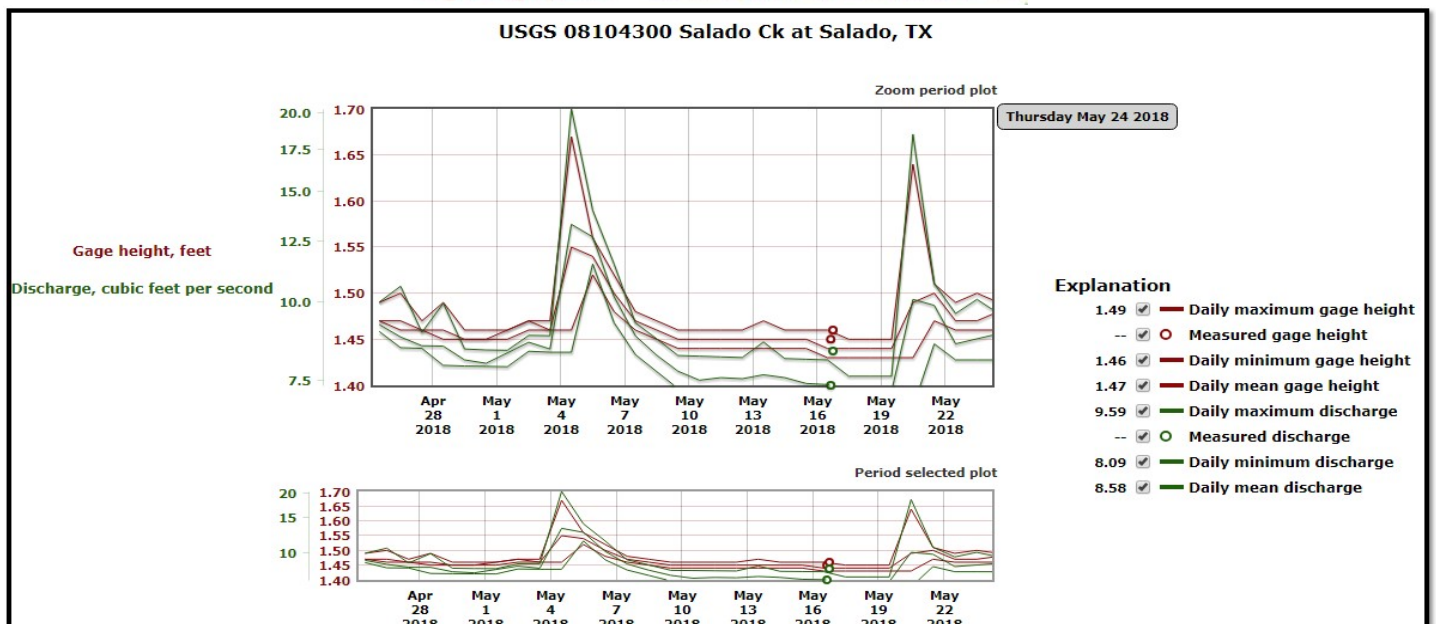
25.555 PDI
77.44 %

PDI is based on a 33"
normal yearly average
and is a 365 day running
total.

Clearwater UWCD is concerned that drought conditions are upon us thus if no measurable rainfall is experienced by June 22, then all well owners producing from the Edwards BFZ Aquifer will need to voluntarily curtail production by 10%.

USGS 08104300 Salado Ck at Salado, TX

Gage height, feet Discharge, cubic feet per second



Edwards BFZ Aquifer

Initiation and Termination of Drought Stages

Initiation of Stages: The Precipitation Deficit Index (PDI), the daily maximum spring discharge, and average spring discharge values shall be monitored and presented to the District Board at the monthly Board meeting. Drought stages shall be triggered when either the PDI or the average spring discharge measured via stream flow gauges in Salado Creek fall below the trigger level for the periods described below:

***PDI:** Monitored daily on a running-year basis over a defined area consisting generally of the area of the Edwards aquifer and contributing areas in Bell and portions of Williamson Counties and which is based on NEXRAD rainfall data provided by the National Oceanic and Atmospheric Administration. The PDI trigger condition must be exceeded for a period of 28 consecutive days.*

***Spring Discharge:** Monitored daily with the daily maximum discharge values averaged over a period of five consecutive days on a running five day basis.*

Termination of Stages: Drought stage in effect shall be reduced or terminated when both the PDI and the average spring discharge values are greater than the trigger conditions of the drought stage in effect for t

***PDI:** Monitored daily on a running-year basis over a defined area consisting generally of the area of the Edwards aquifer and contributing areas in Bell and portions of Williamson Counties and which is based on NEXRAD rainfall data provided by the National Oceanic and Atmospheric Administration. The PDI trigger condition must be exceeded for a period of 42 consecutive days.*

***Spring Discharge:** Monitored daily with the daily maximum discharge values averaged over a period of seven consecutive days on a running seven day basis.*