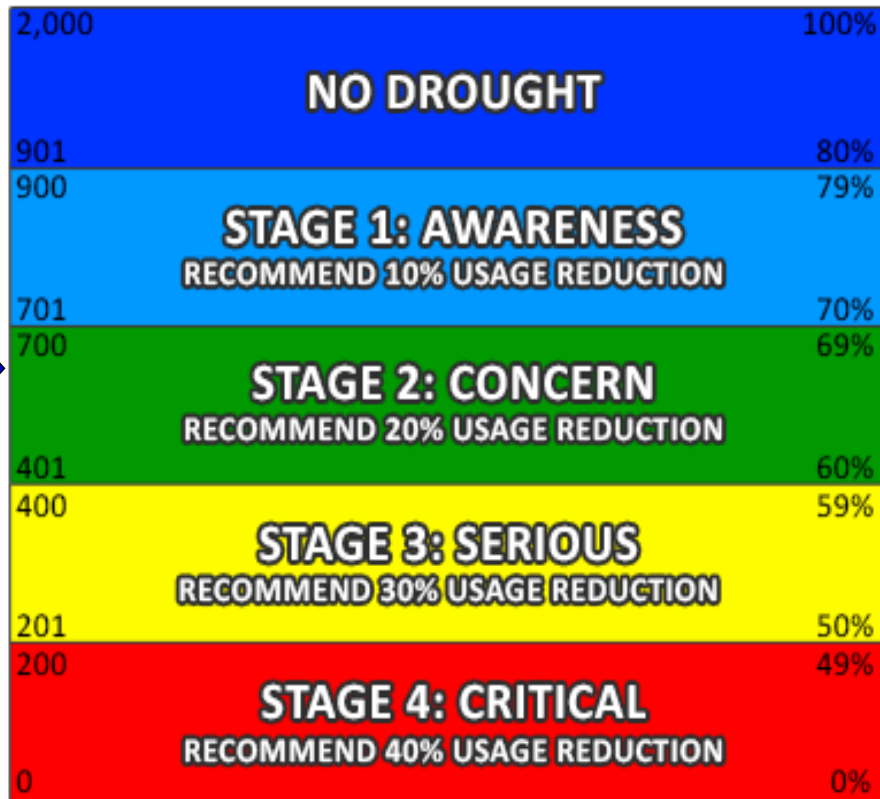


# Edwards BFZ Aquifer—Drought Status Report

## STAGE 2: CONCERN



Salado Creek Spring Discharge

666.45 ac-ft (month)  
11.2 cfs

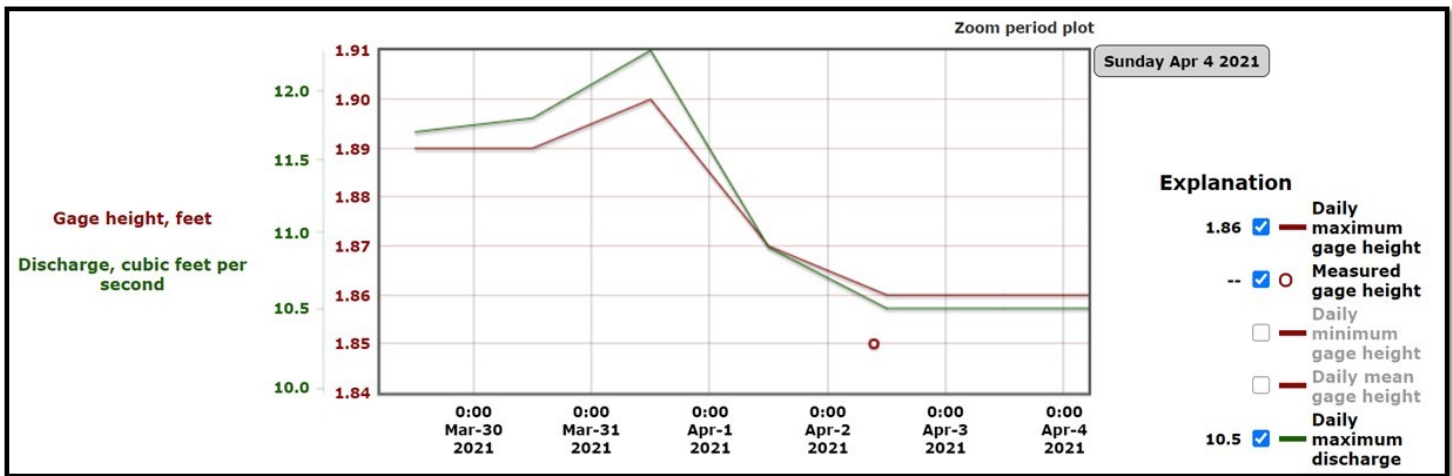
Precipitation Deficit Index (PDI)

25.510 PDI  
77.30 %

AS OF 04/04/2021

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

### USGS 08104300 Salado Ck at Salado, TX



- ◆ Limit watering of landscape (lawns, trees, shrubs, etc.) to only once every 5 to 7 days. Agriculture and horticulture operations are exempted from this measure but are encouraged to reduce tree, plant, and crop watering by 20%.
- ◆ Continue or increase voluntary reduction in various uses.
- ◆ Check for and correct all plumbing leaks.
- ◆ Re-use or re-circulate water whenever possible.
- ◆ No filling of ponds, lakes, tanks, reservoirs, swimming pools or other surface impoundments for holding water that have a total capacity of more than 50,000 gallons, except for public water supply systems. Public water supply systems are encouraged to implement measures to achieve a 20% reduction in water usage.
- ◆ Only water landscape at night between the hours of 7 pm and 7 am.
- ◆ Keep swimming pools, landscape or decorative ponds and fountains covered (where possible), re-circulate water, and wait 5 to 7 days to refill.
- ◆ Wash vehicles at car wash only as needed.
- ◆ Do not wash buildings, driveways, streets, patios, or other outdoor surfaces except as required for human or animal health and safety needs, or for fire prevention.
- ◆ Water livestock in leak-proof troughs as much as practical.

## 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.*