

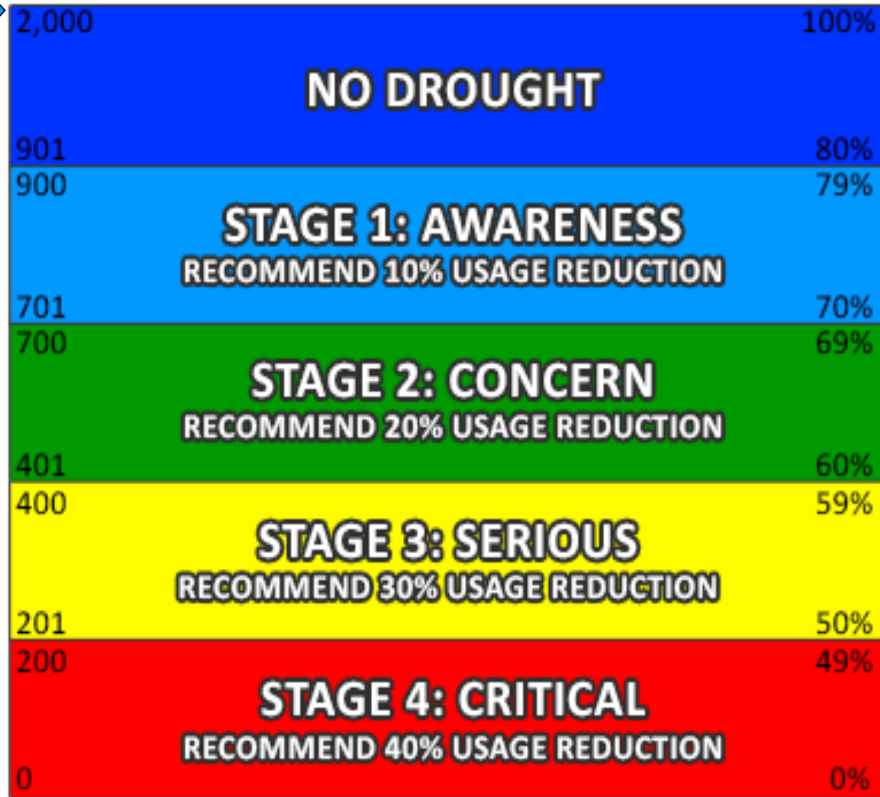
Edwards BFZ Aquifer—Drought Status Report

STAGE 1: AWARENESS

2636.04 ac-ft
(month)
44.3 cfs

Salado Creek
Spring Discharge

As of 2/11/2024



29.234 PDI
88.59%

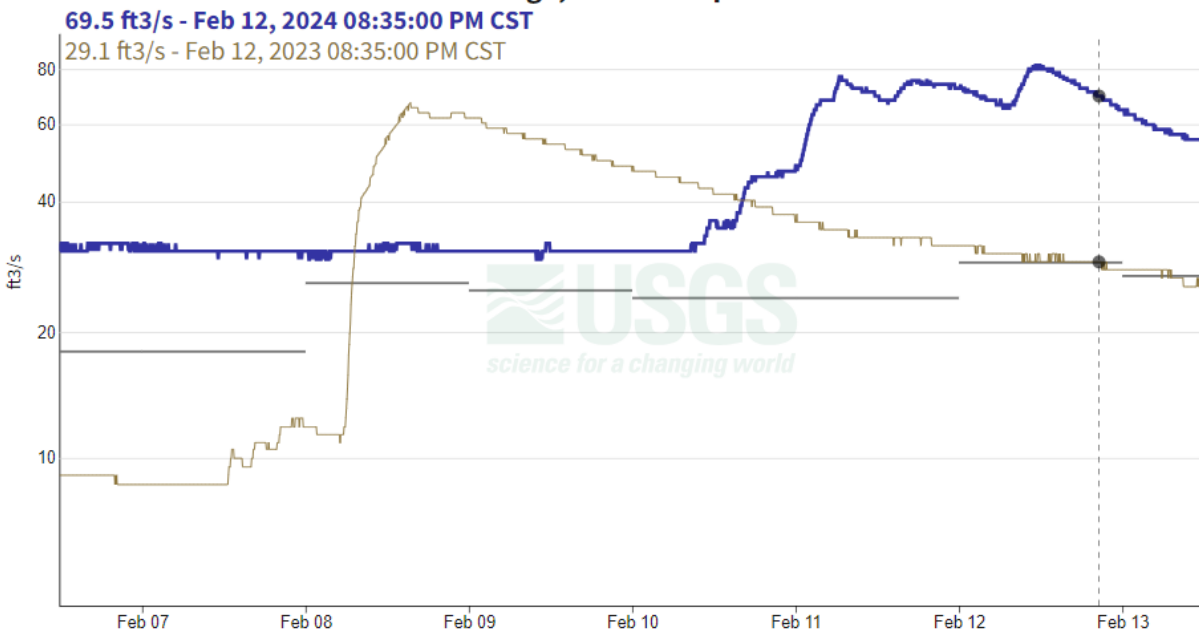
Precipitation Deficit
Index (PDI)

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

Salado Ck at Salado, TX - 08104300

February 6, 2024 - February 13, 2024

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.*

Stage 1: Awareness—PDI 70 to 79%; Spring Discharge 900 to 701 ac-ft/month

Conservation Goal: 10%

- 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 10% reduction in water usage.