

## Status of Drought Briefing: July 2020

### Maps:

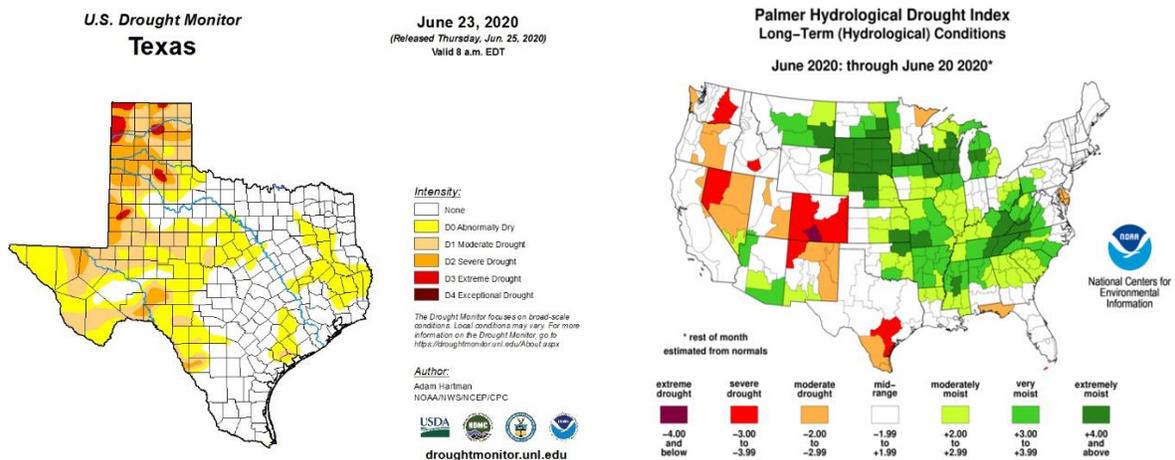
Below are the latest maps including the *US Drought Monitor* map for Texas and the *Palmer Hydrological Drought Index* map. The US Drought Monitor map indicates that our District is within drought condition “None” and the Palmer Hydrological Drought Index indicates “Severe Drought” conditions. These maps have been collected and will be part of the District’s 2020 Annual Report.

### District Drought Triggers:

The Pedernales River drought trigger indicates **0** consecutive days of discharge flows below the drought stage ‘Alarm’, and the Blanco River drought trigger indicates **0** consecutive days of discharge flows below the drought stage ‘Alarm’ as of June 29<sup>th</sup>, 2020. To move into drought stage ‘Alarm’, both rivers must have 30 consecutive days of flow within drought stage ‘Alarm’. The District’s third trigger, the Palmer Hydrological Drought Index, shows ‘Severe Drought’ conditions.

### Recommended Drought Stage:

The drought recommendation for western Hays County is to remain in Drought Stage 1 “No Drought – Voluntary Conservation” until further notice.

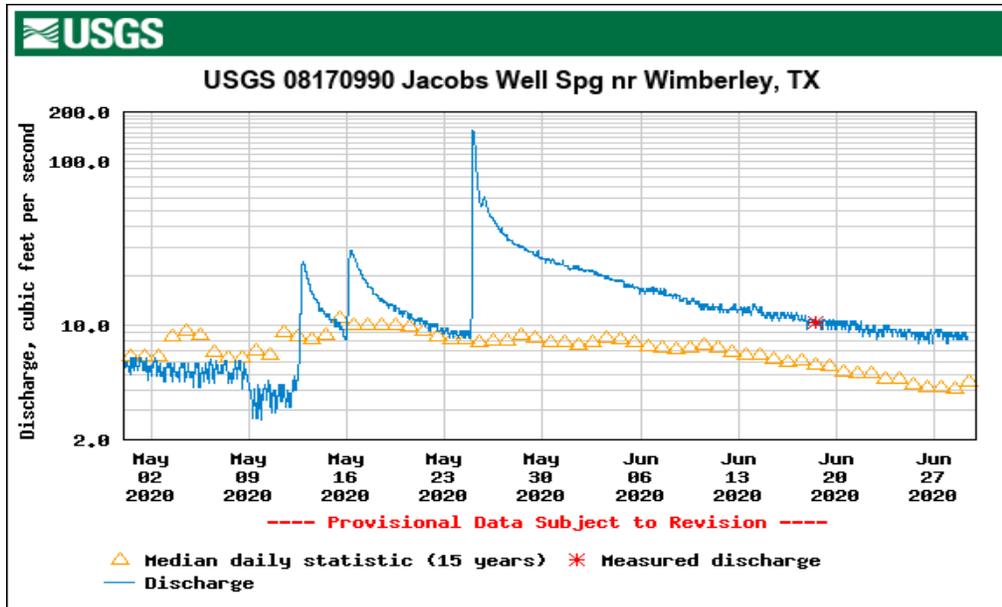


### Jacob’s Well Groundwater Management Zone Drought Triggers:

At the end of every month, the average discharge rate at Jacob’s Well is calculated in order to determine which drought cutback amount will be applied to the Jacob’s Well GMZ for the following month. The running 10 day average as of June 28<sup>th</sup> indicate that the discharge at Jacob’s Well is **9.24** cubic feet per second. The trigger for the 10% Curtailment is an average discharge below 6 cubic feet per second.

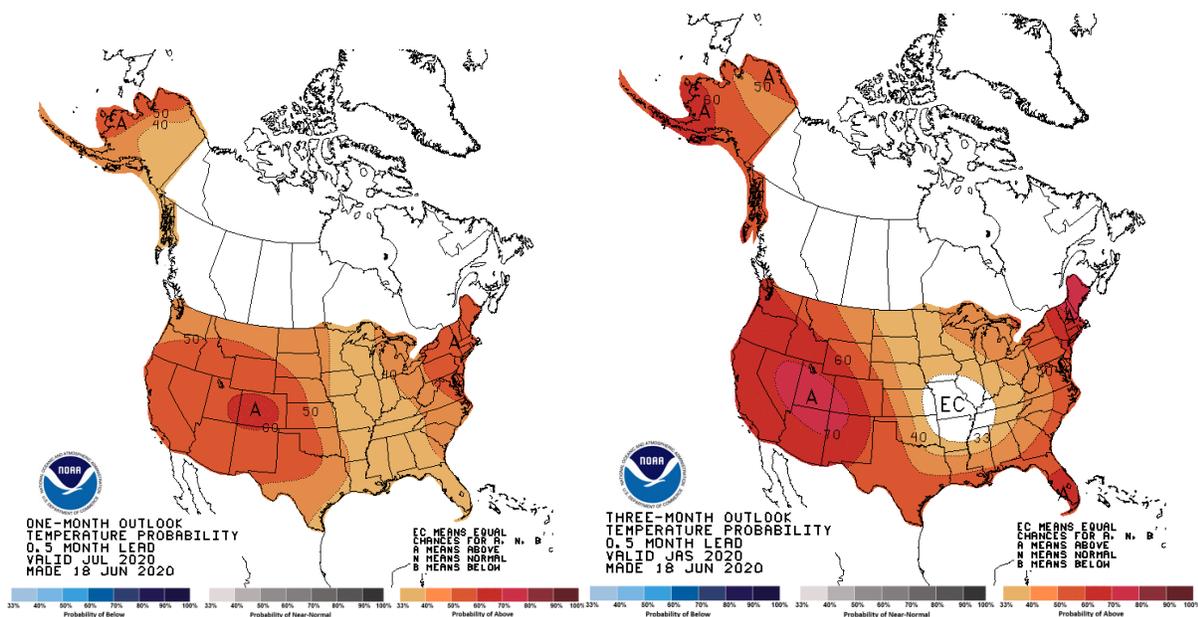
## Recommended Drought Curtailment for Jacob's Well GMZ:

The drought recommendation for the Jacob's Well GMZ is to apply **No** Curtailment until further notice.

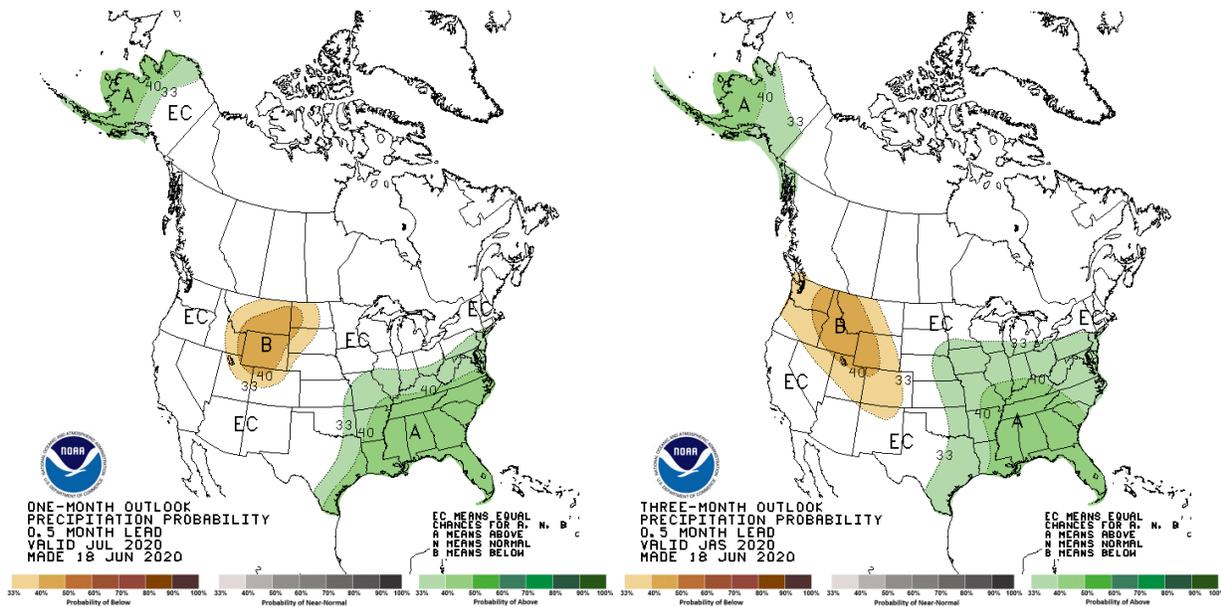


## NOAA Forecasts:

**Temperature** – According to the one-month temperature outlook provided by NOAA, there is a 40-50% chance that average temperatures will be higher than those typically observed at that time of year. The three-month outlook indicates a 50-60% chance that average temperatures will be higher than those typically observed during that time of year.



**Precipitation** – According to the one-month precipitation outlook provided by NOAA, there is a 33-40% chance that average rainfall rates will be higher than those typically observed at that time of year. The three-month outlook indicates a 33-40% chance that average rainfall rates will be higher than those typically observed during that time of year.



**Drought** - The monthly drought outlook provided by NOAA predicts that no drought conditions will be present for the Hays County area. The seasonal drought outlook also predicts that no drought conditions will be present for the Hays County area through September 2020.

