



## **Clearwater Underground Water Conservation District**

**P.O. Box 1989, Belton, Texas 76513**

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**www.cuwcd.org**

**Leland Gersbach, President**

**Gary Young**

**Jody Williams**

**Scott Brooks**

**David Cole**

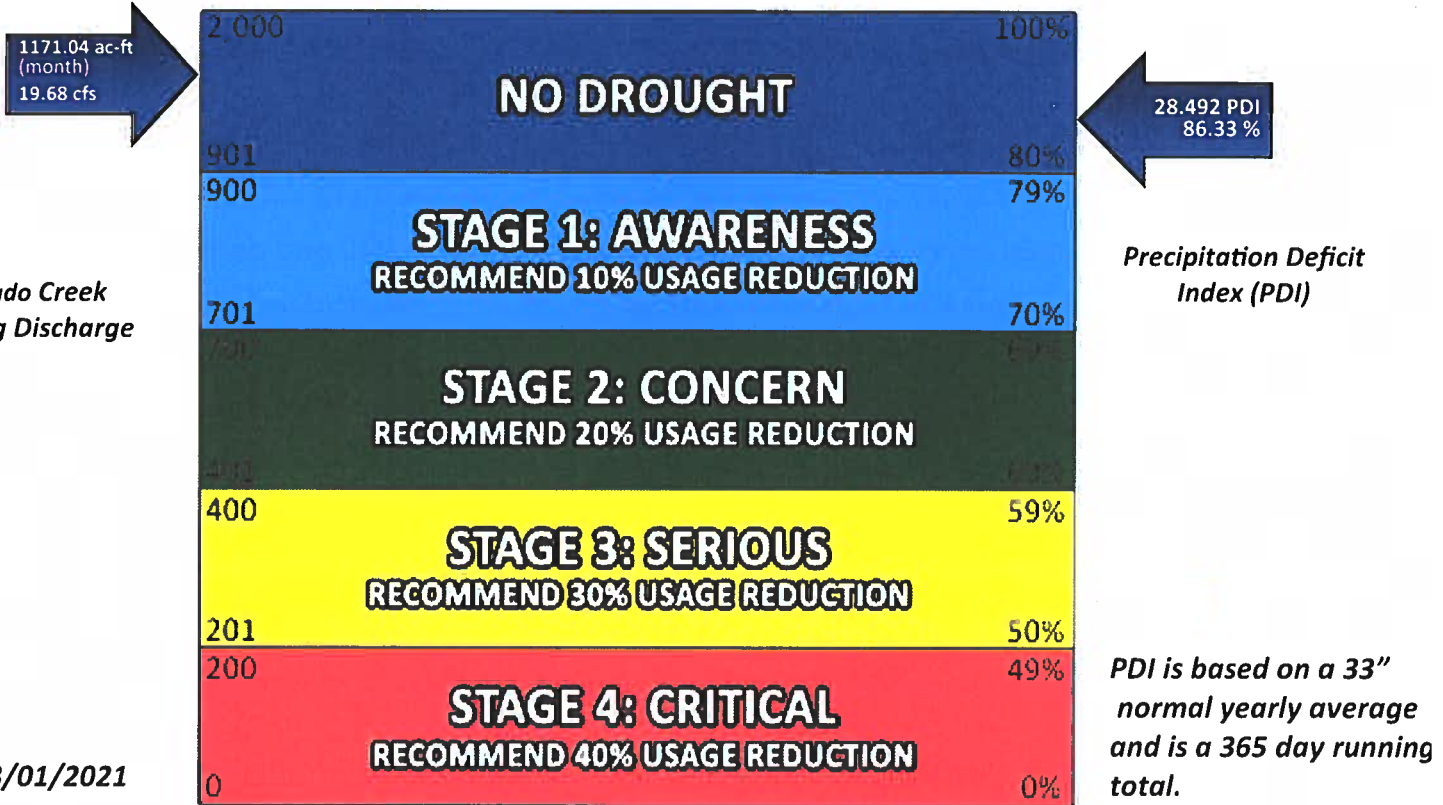
### **Clearwater Staff Reports**

**March 10, 2021**

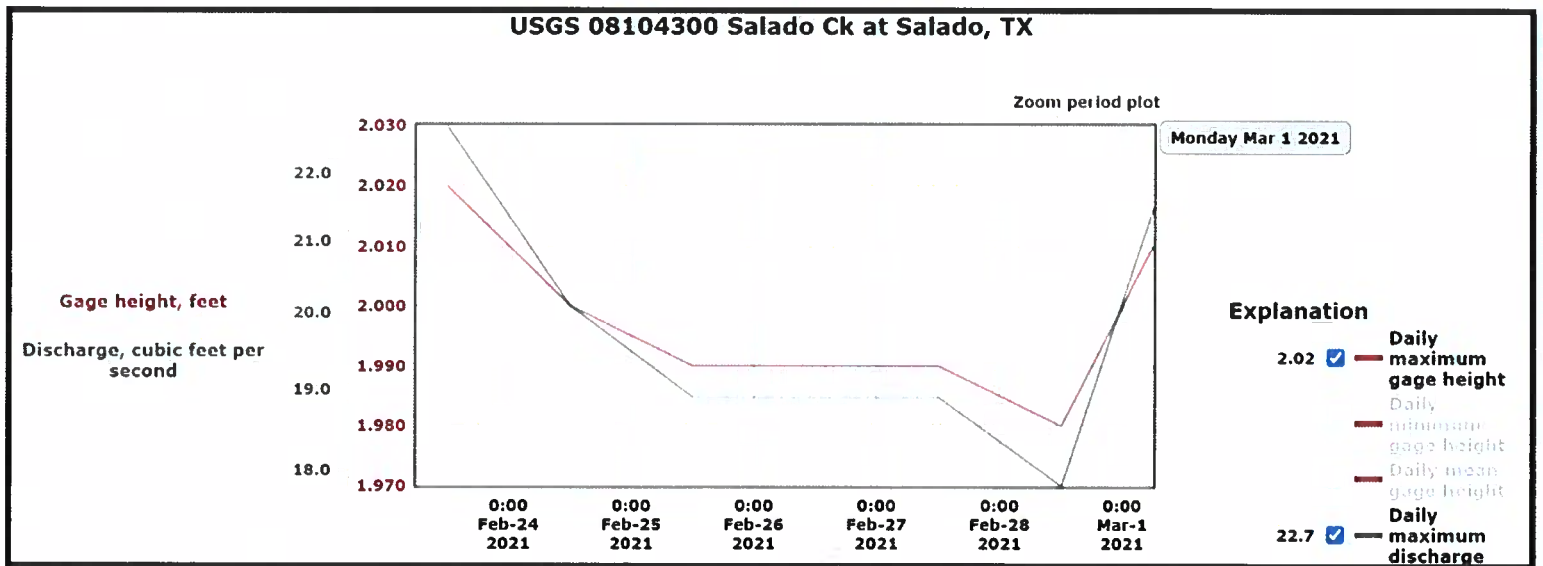
1. Drought Status
2. Educational Outreach Update
3. Monitoring Wells
4. Rainfall/Drought Conditions
5. Well Registrations
6. Non-Exempt Monthly Well Production

# Edwards BFZ Aquifer—Drought Status Report

## NO DROUGHT

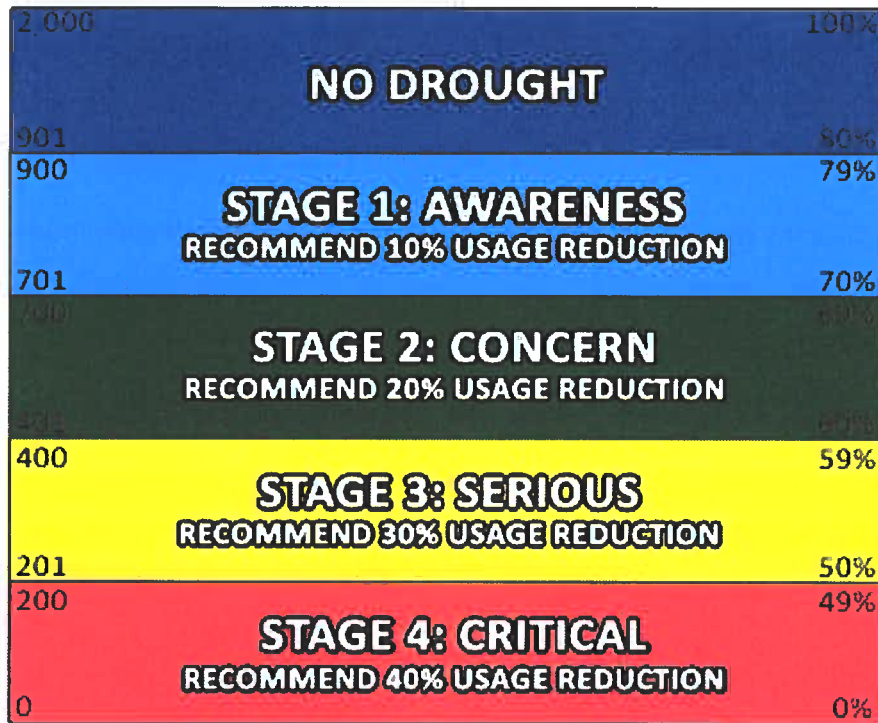


### USGS 08104300 Salado Ck at Salado, TX



# Trinity Aquifer—Drought Status Report

## NO DROUGHT

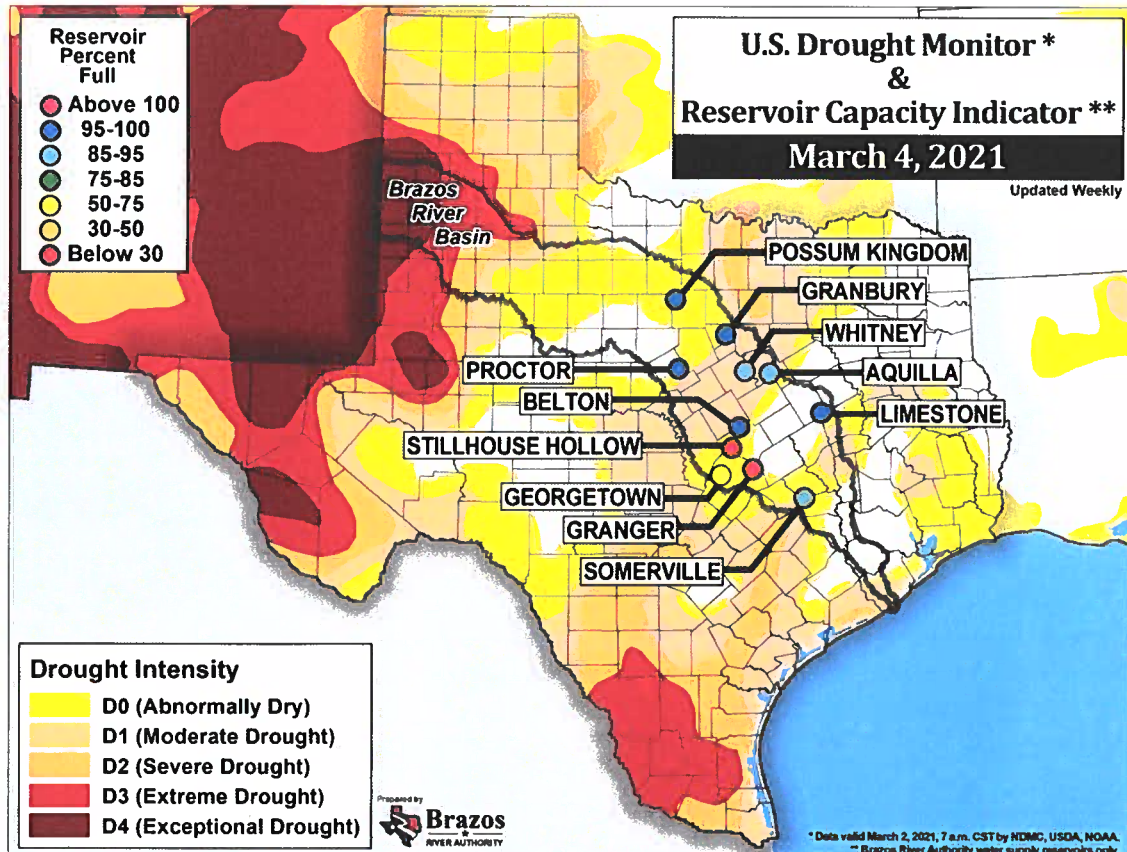


← 31.28 PDI  
94.77 %

Precipitation Deficit Index (PDI)

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

AS OF 3/01/2021





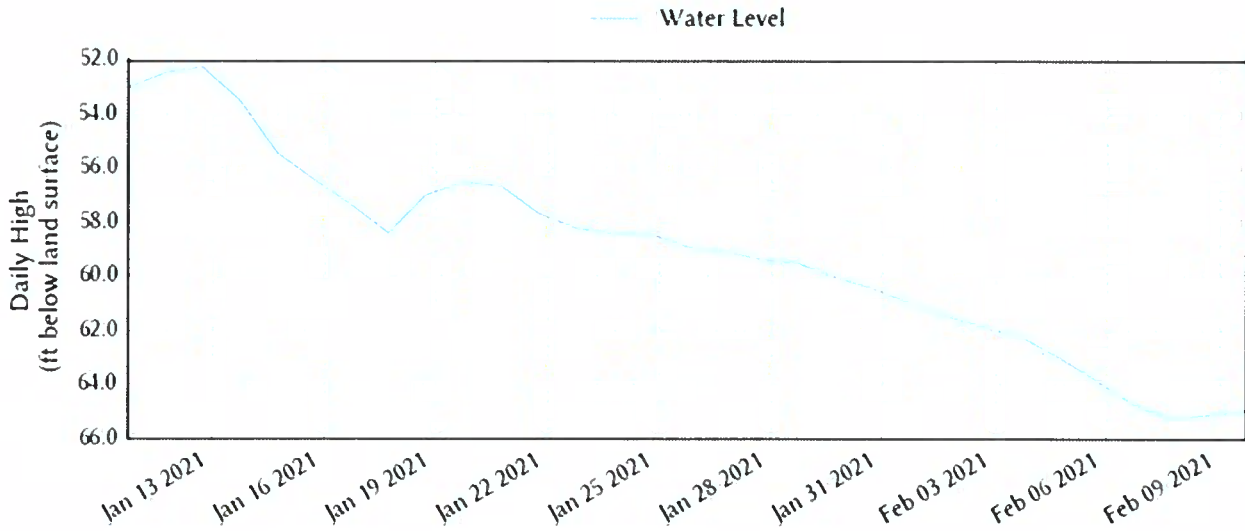
## *Education Outreach Highlights 3/10/21*

- 1. Goal: Improve our educational outreach efforts and expand our identified audiences (4<sup>th</sup>-5<sup>th</sup> grade, high school environmental sciences students, and the real-estate sales community).**  
Goals and objectives in the Management Plan (A:3, A:4, B,F:1,F:2 pages 22-26).
  - In person educational events have been canceled due to COVID-19.
  - February 17 – Staff would have participated in the virtual Master Gardener training. Event was canceled due to winter storm Uri.
  - March 5 - Staff submitted a video for the virtual career day for Miller Heights Elementary.
  
- 2. Improve Communication and Reporting of Usage by well owners who are permitted (HEU or OP) by the district.** Goals and objectives in the Management Plan (A:1, A:2, A:3,G:1,G:2, pages 22-23).
  - Continue working with HALFF to make improvements to the new platform and correct flaws as needed.
  - Most of our permitted users are entering their monthly water usage online now.
  
- 3. Increase the District Communication strategically by expanding utilization of a media sources.**  
Goals and objectives in the Management Plan (A:1, A:2, A:3,G:1,G:2, pages 22-23).
  - Continually adding more information to the website to make it a valuable resource to Bell County along with utilizing more social media.
  
- 4. Improve Annual Reporting accuracy and timeliness per State mandated Legislation and Management Plan.** Goals and objectives in the Management Plan (A:1,2,3,4; B; C; D; E; F; g pages 22-26).
  - Staff is compiling information for the 2020 Annual Report and the DRAFT version presented to the Board on March 10, 2020.
  - The Annual Newsletter was mailed on January 4, 2020.

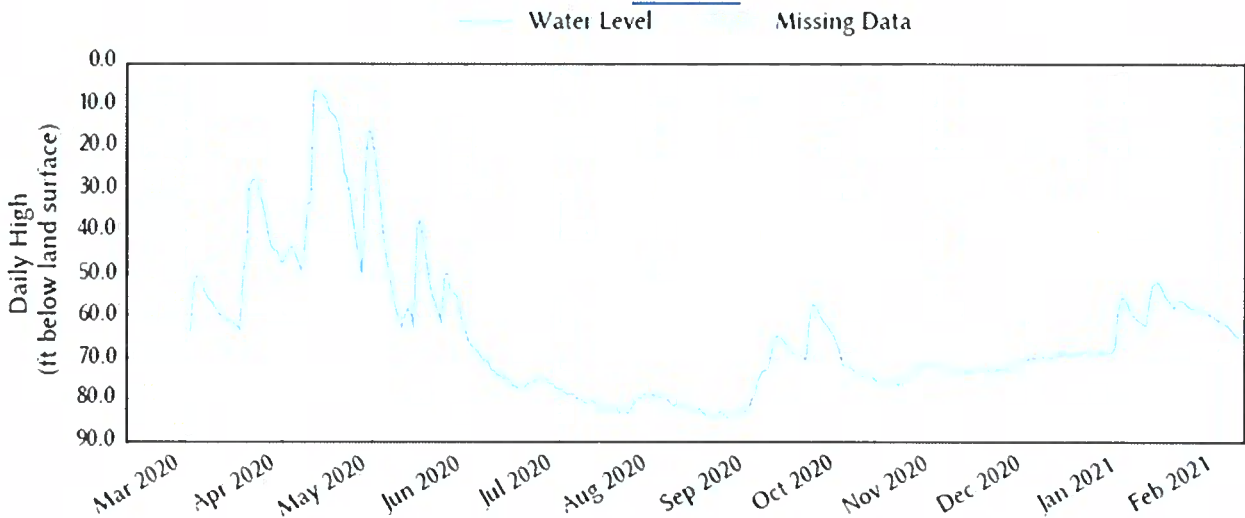
February 2021

Continuous Monitoring Well # 5804628  
(Salado Cemetery)  
Edwards Aquifer

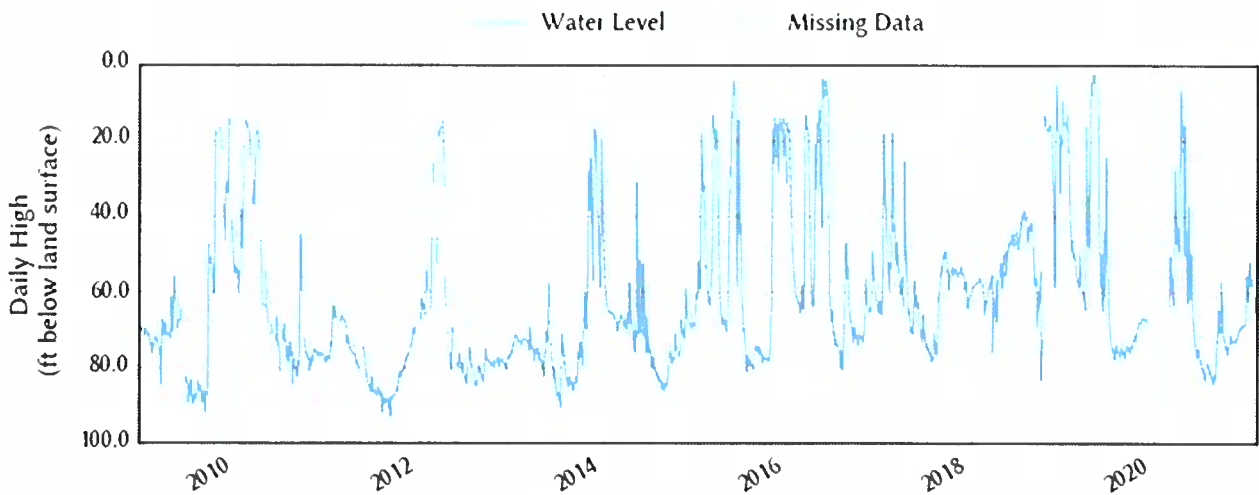
Last 30 Days



1 Year



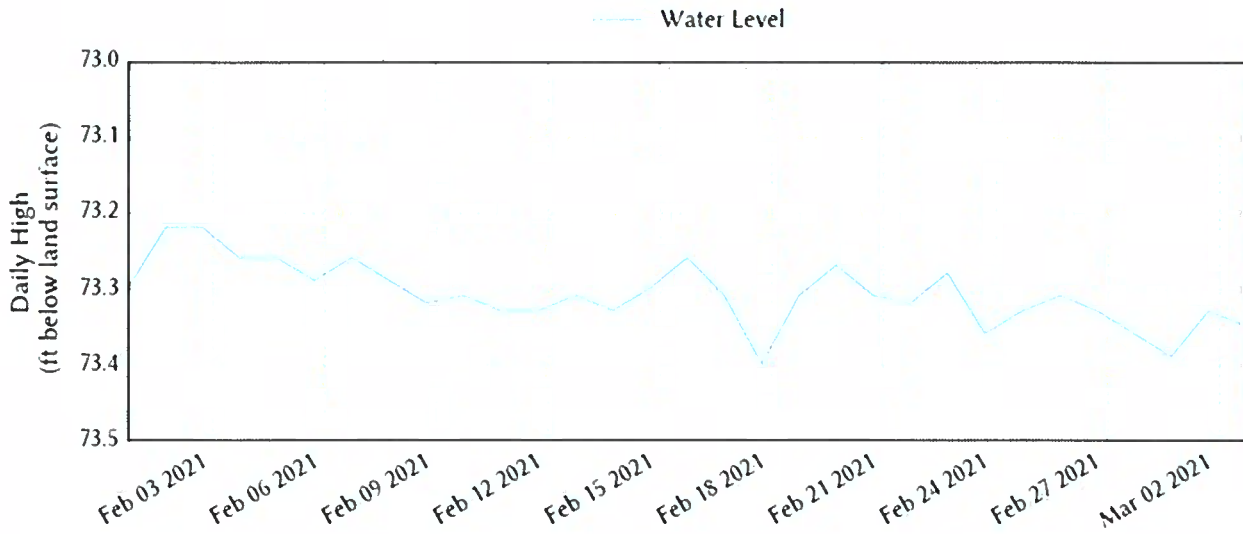
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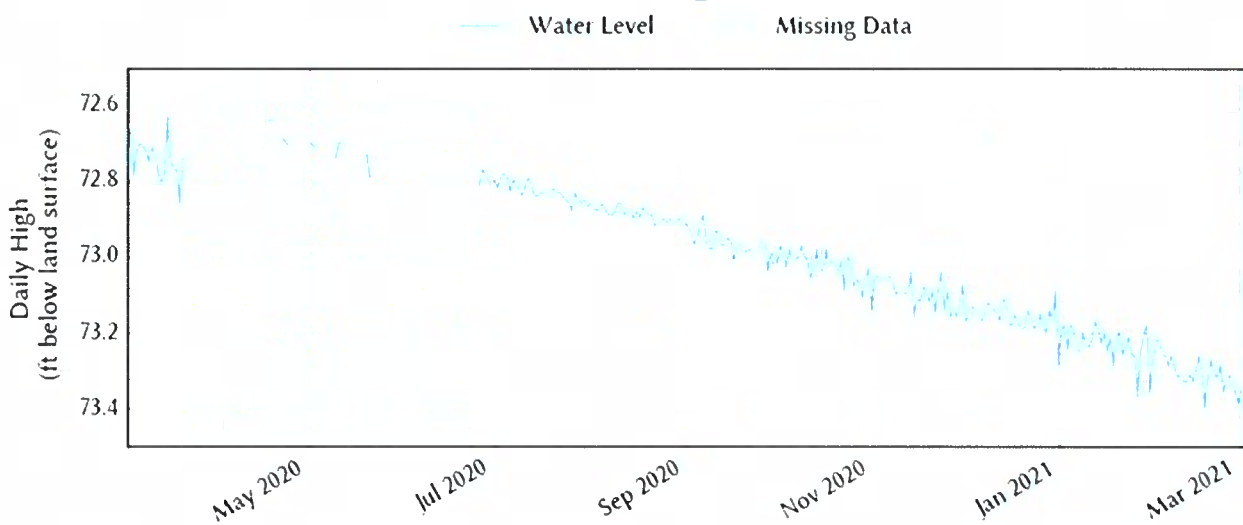
**February 2021**

**Continuous Monitoring Well # 5804702  
(FM 2843 - Patterson's Crossing - Salado Creek)  
Edwards Aquifer**

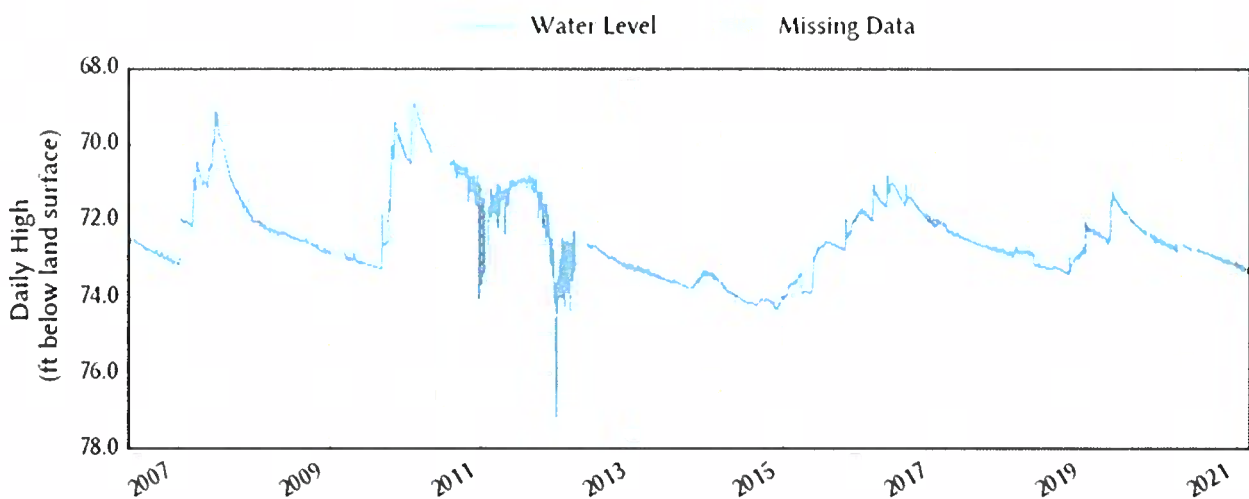
**Last 30 Days**



**1 Year**



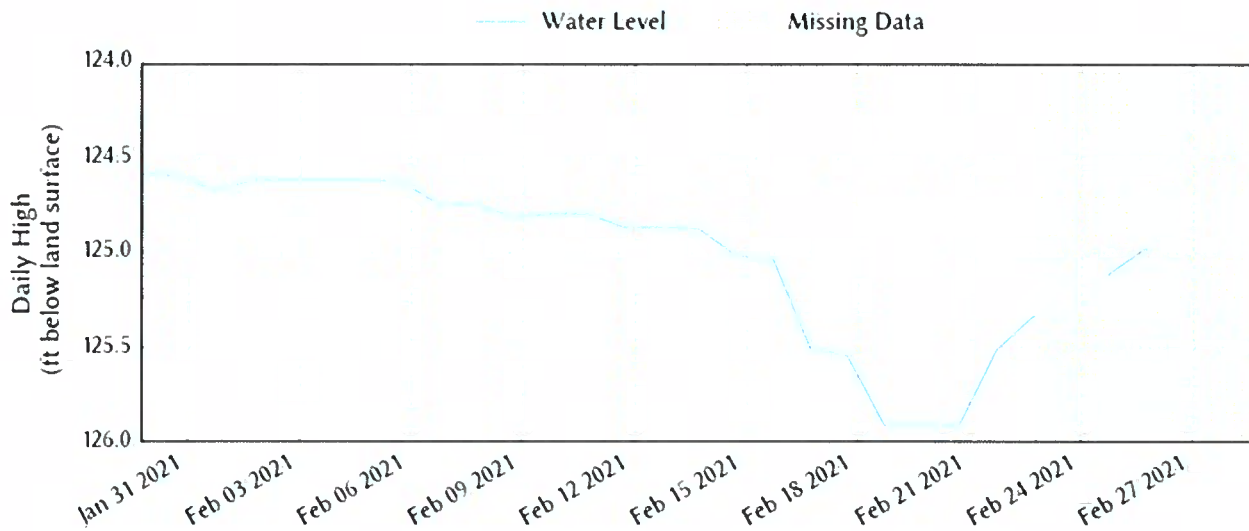
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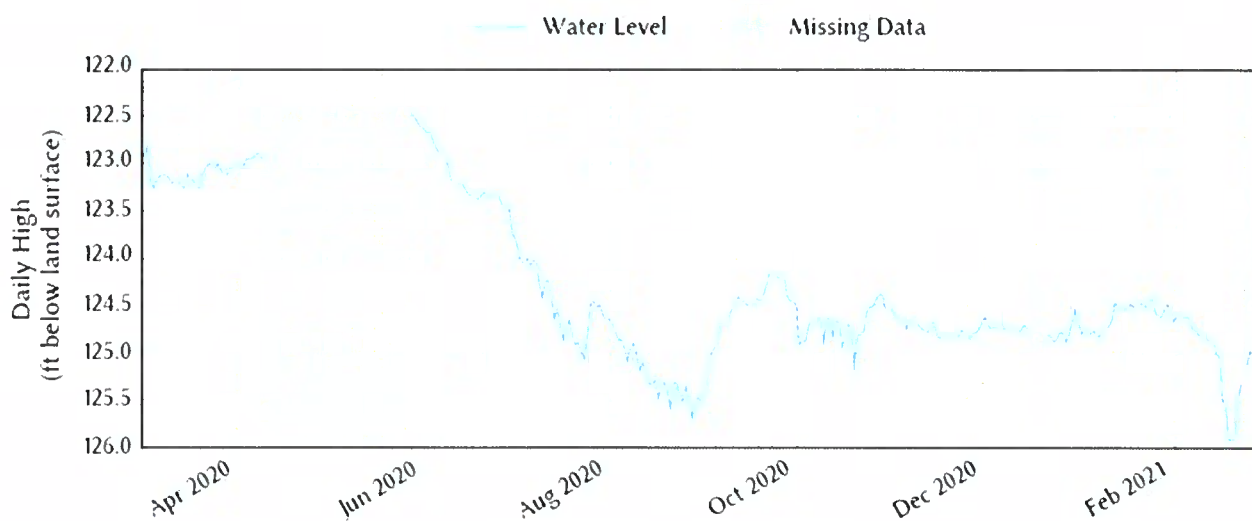
**February 2021**

**Continuous Monitoring Well # 5804816  
(IH-35 Rest Stop - West)  
Edwards Aquifer**

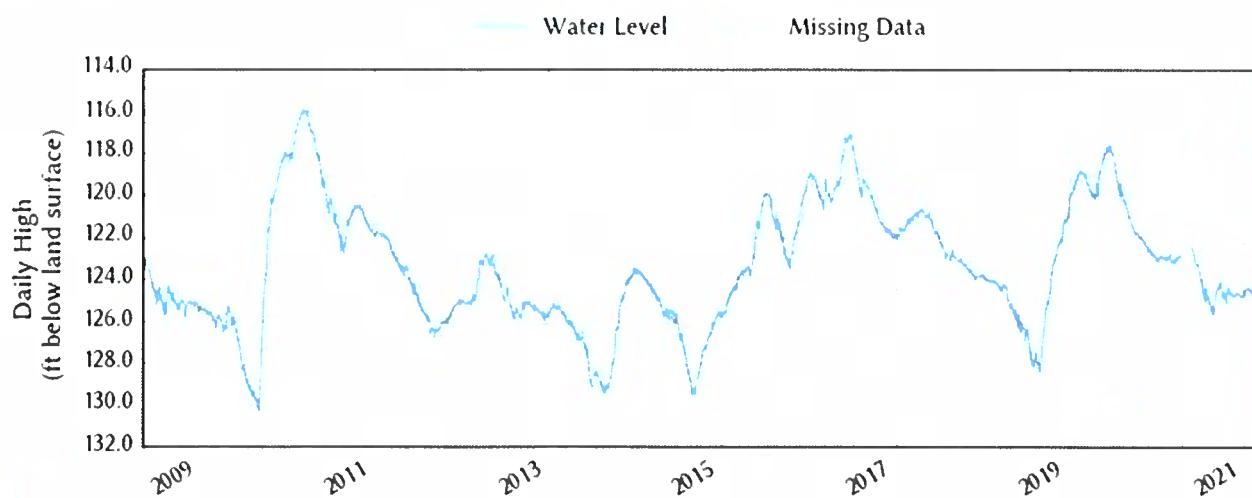
**Last 30 Days**



**1 Year**



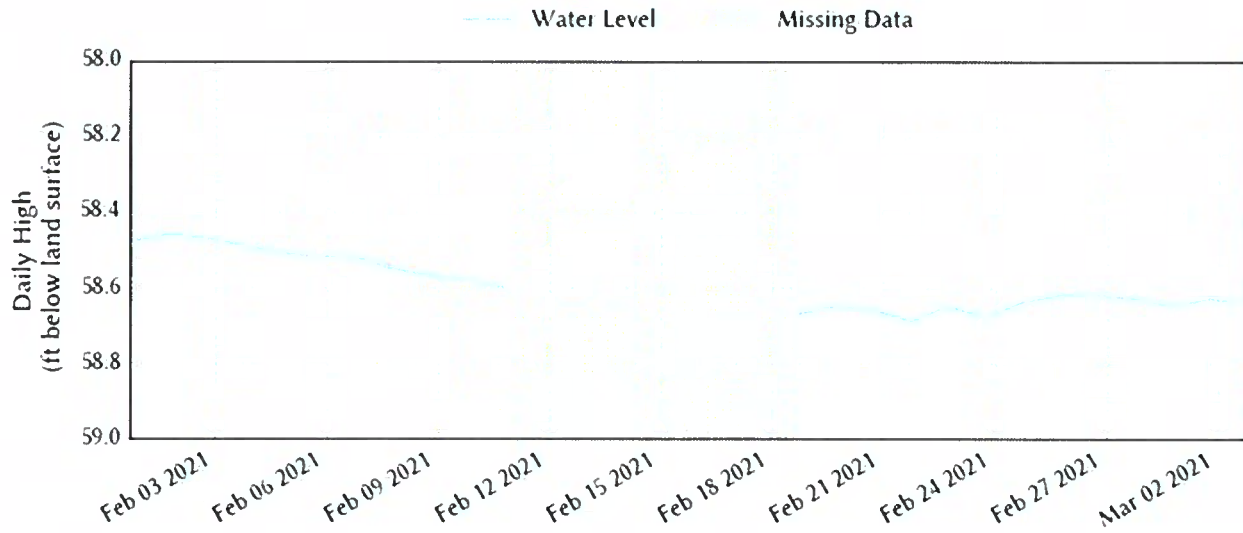
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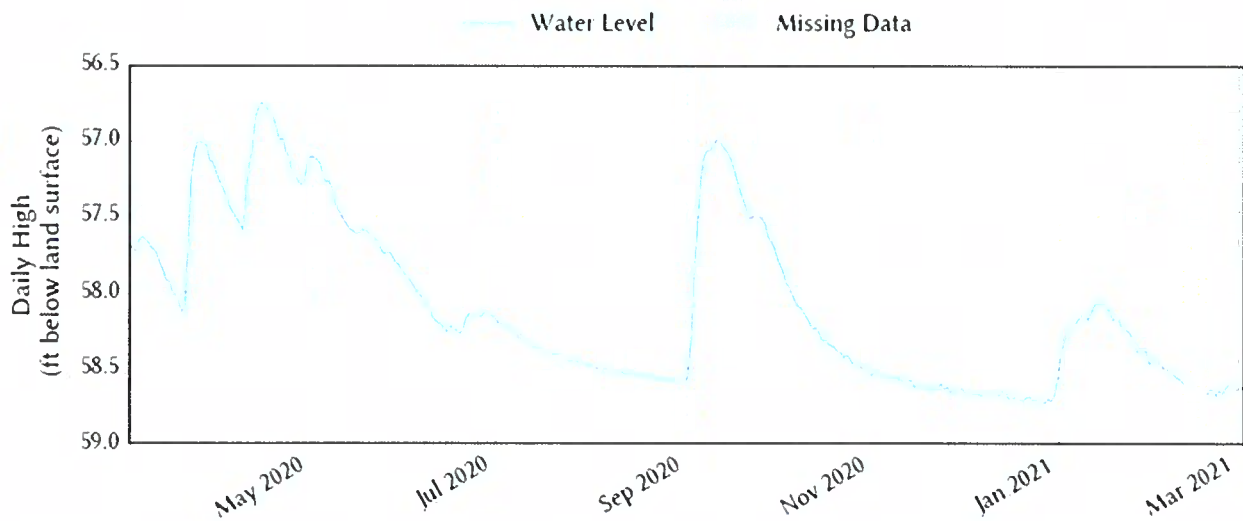
**February 2021**

**Continuous Monitoring Well # 5803702  
(Gault Site - Williamson County)  
Edwards Aquifer**

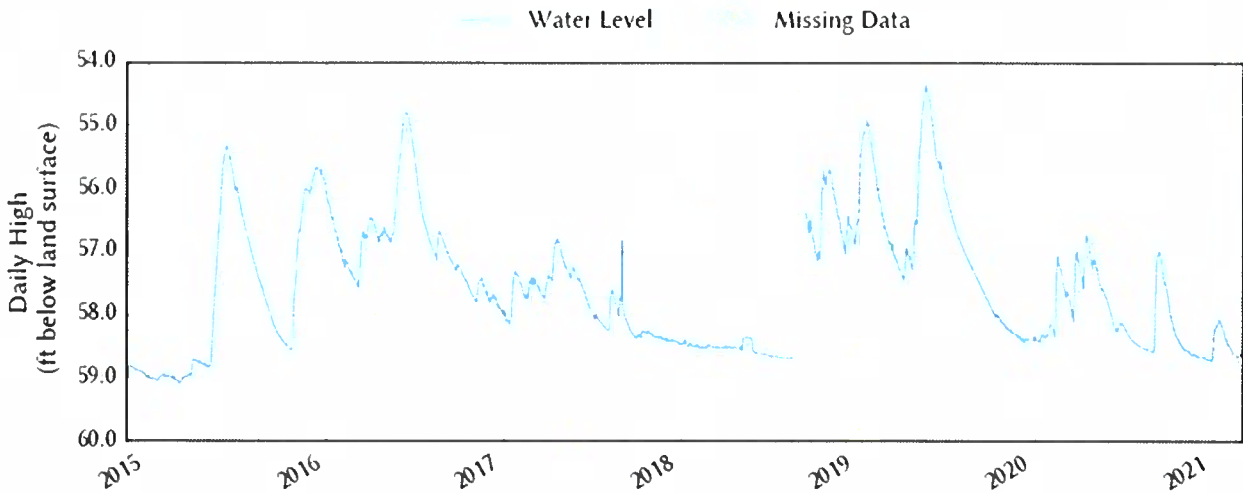
**Last 30 Days**



**1 Year**



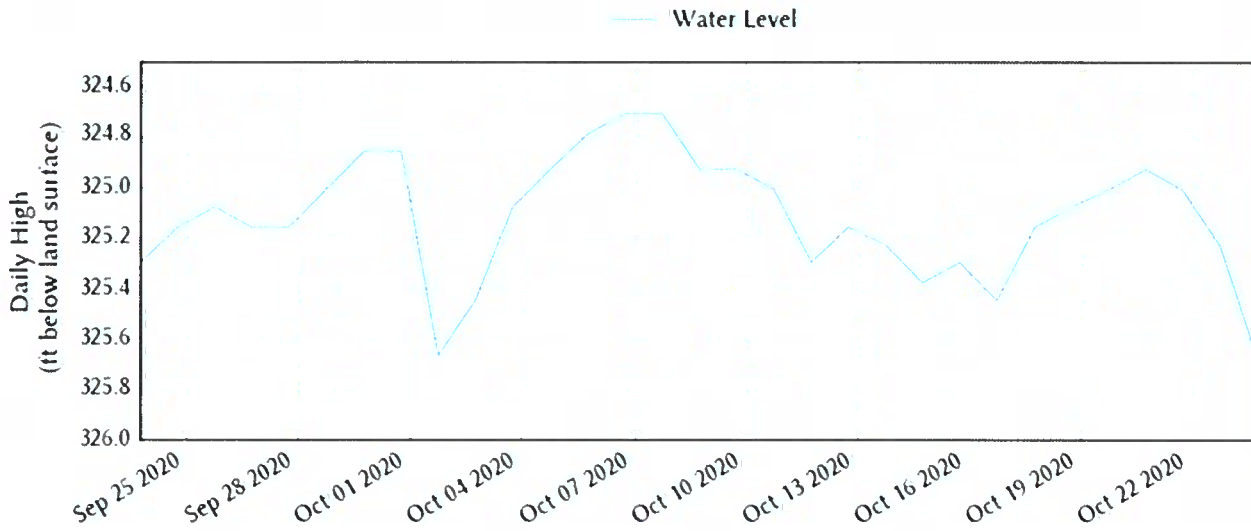
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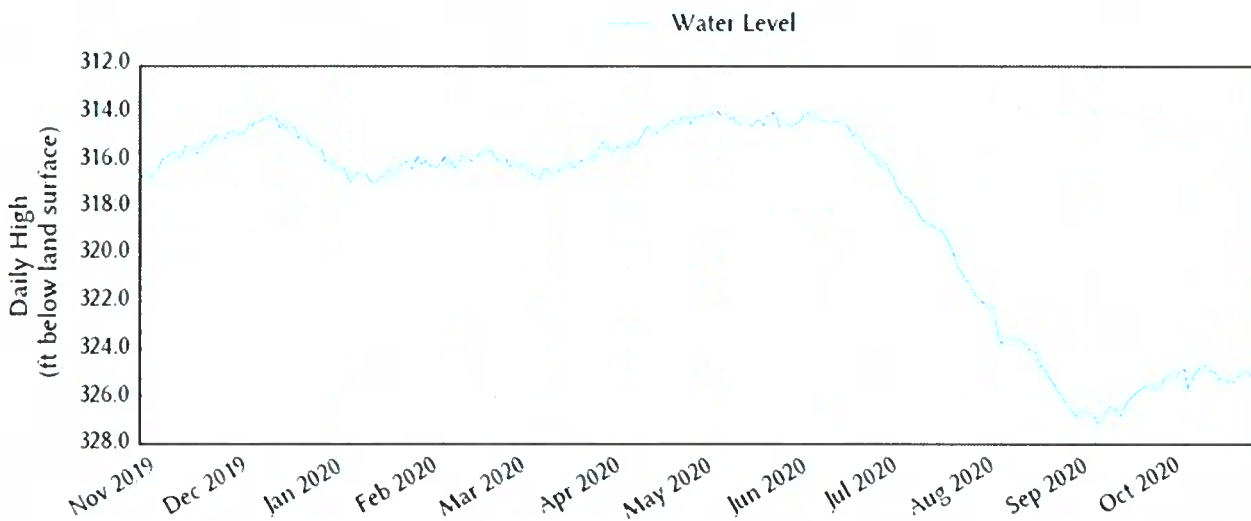


Continuous Monitoring Well # 4057601  
(Copperas Cove)  
Middle Trinity Aquifer

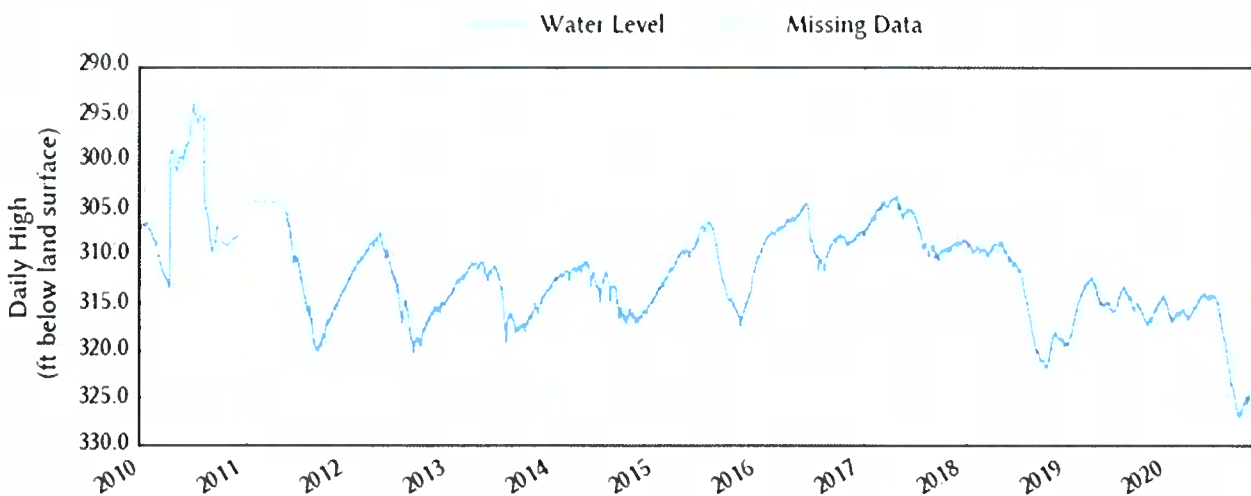
Last 30 Days



1 Year



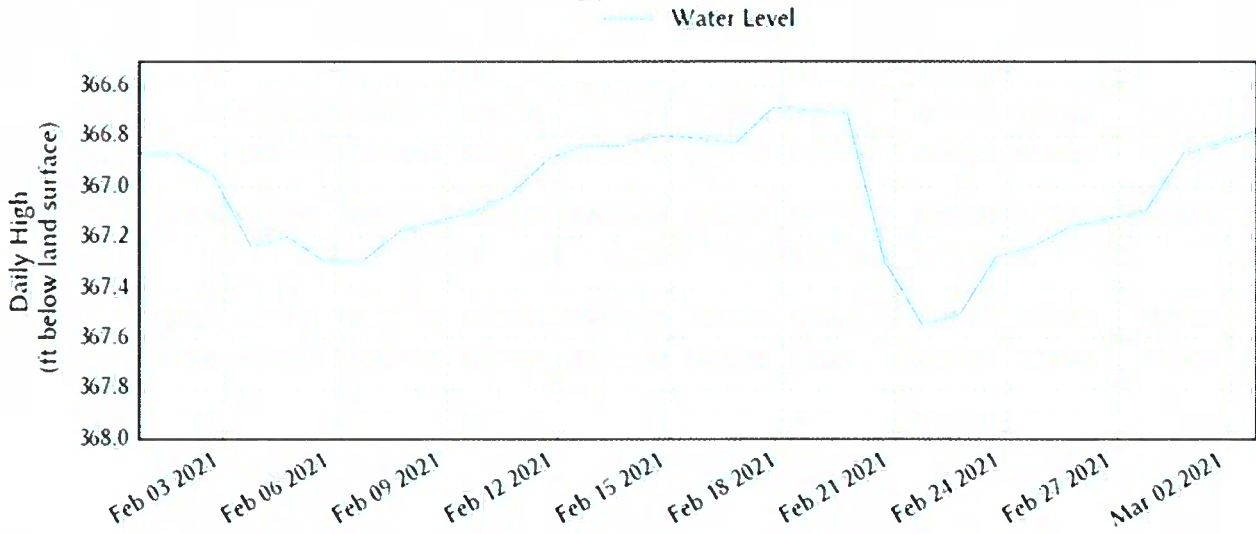
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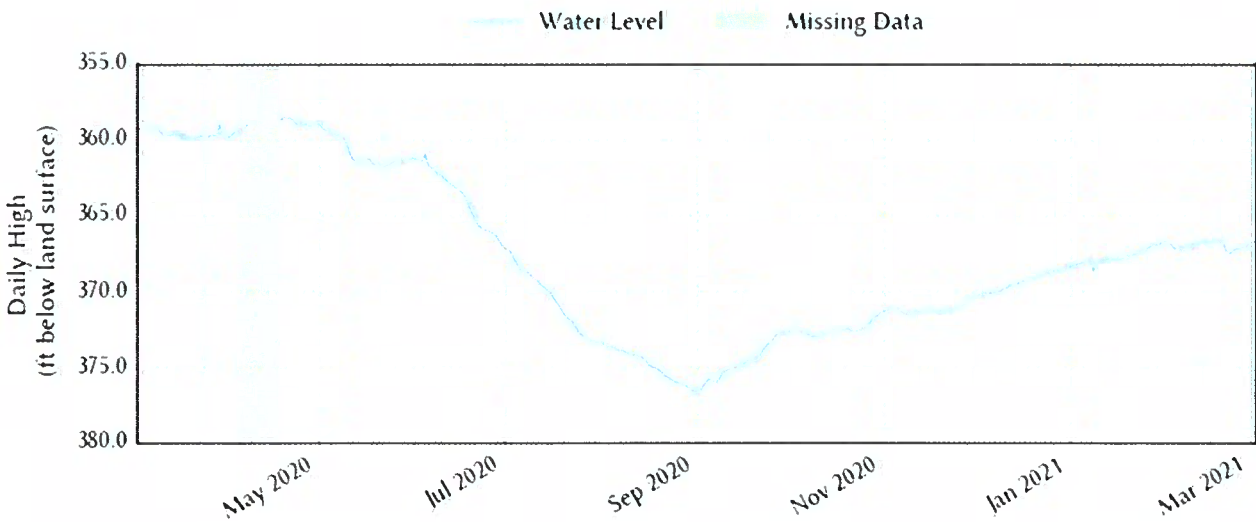
**February 2021**

**Continuous Monitoring Well # 5802304  
(Killeen - River Ridge Ranch Park Well #1)  
Middle Trinity Aquifer**

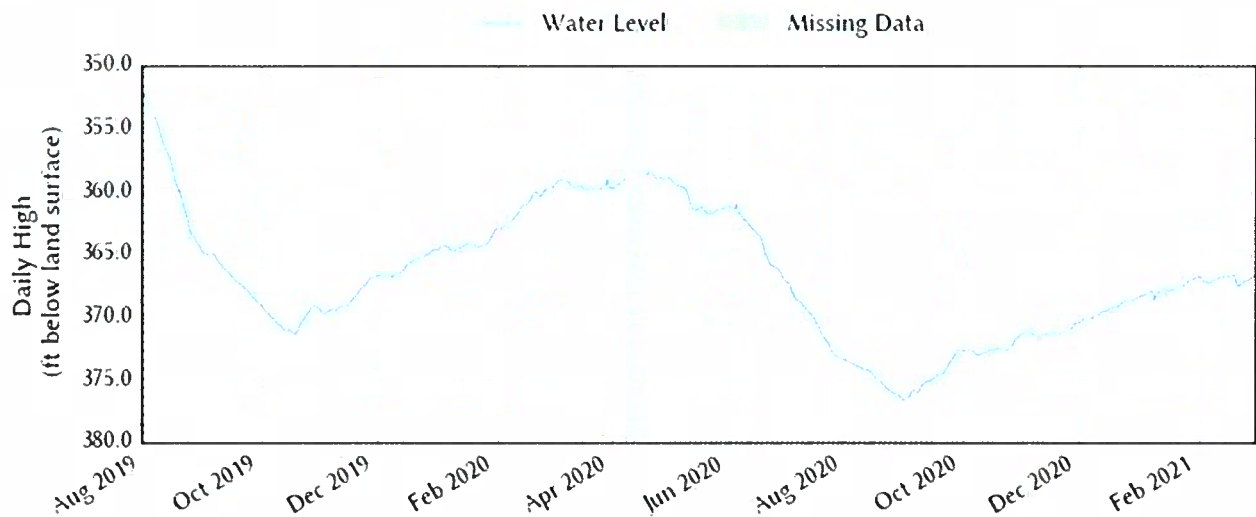
**Last 30 Days**



**1 Year**



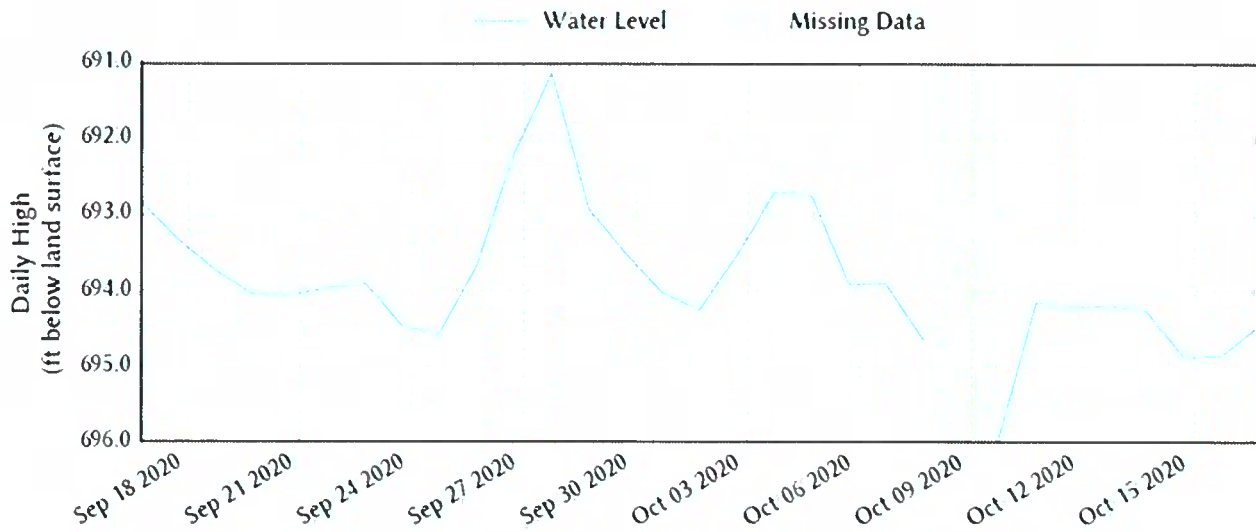
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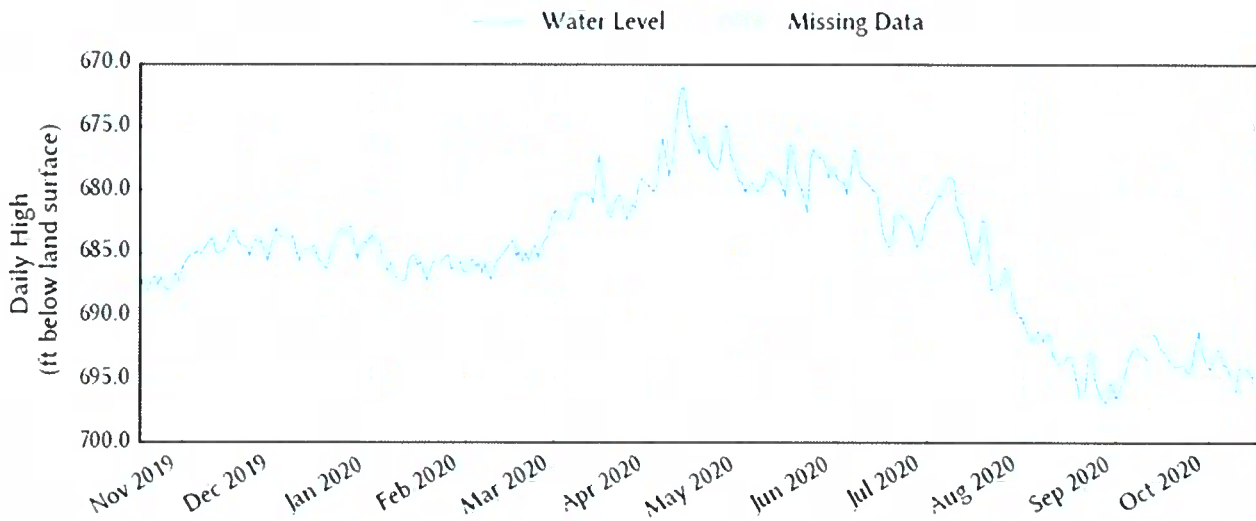
**February 2021**

**Continuous Monitoring Well # 5803701  
(Gault Site - Williamson County)  
Middle Trinity Aquifer**

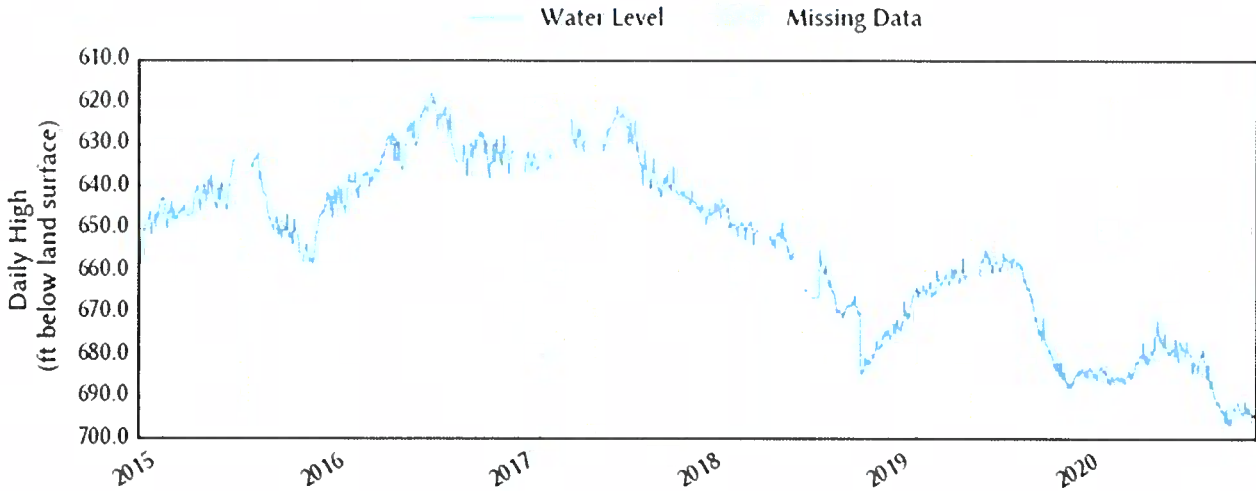
**Last 30 Days**



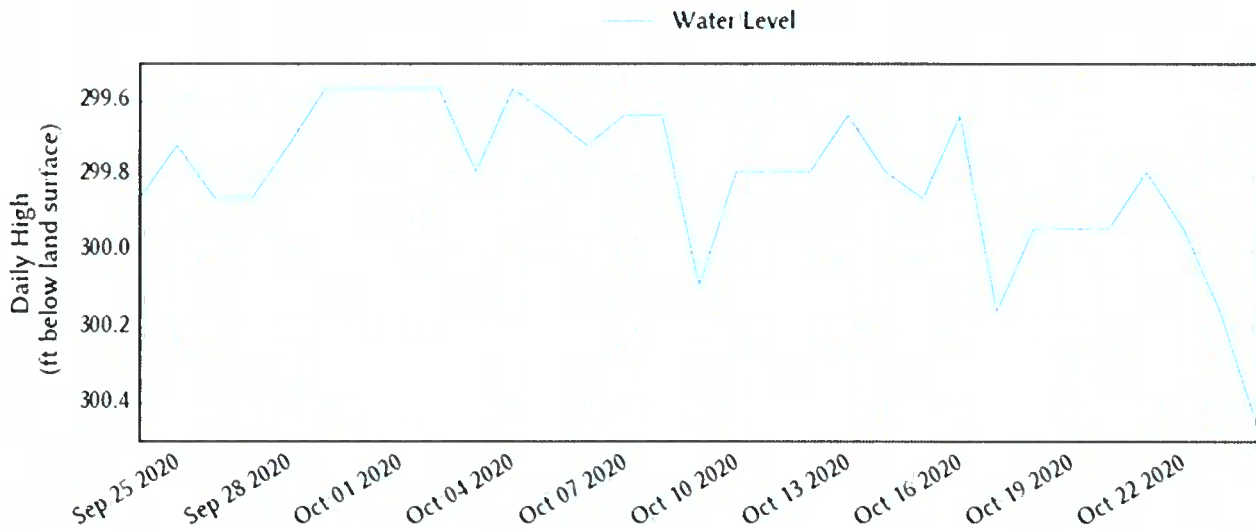
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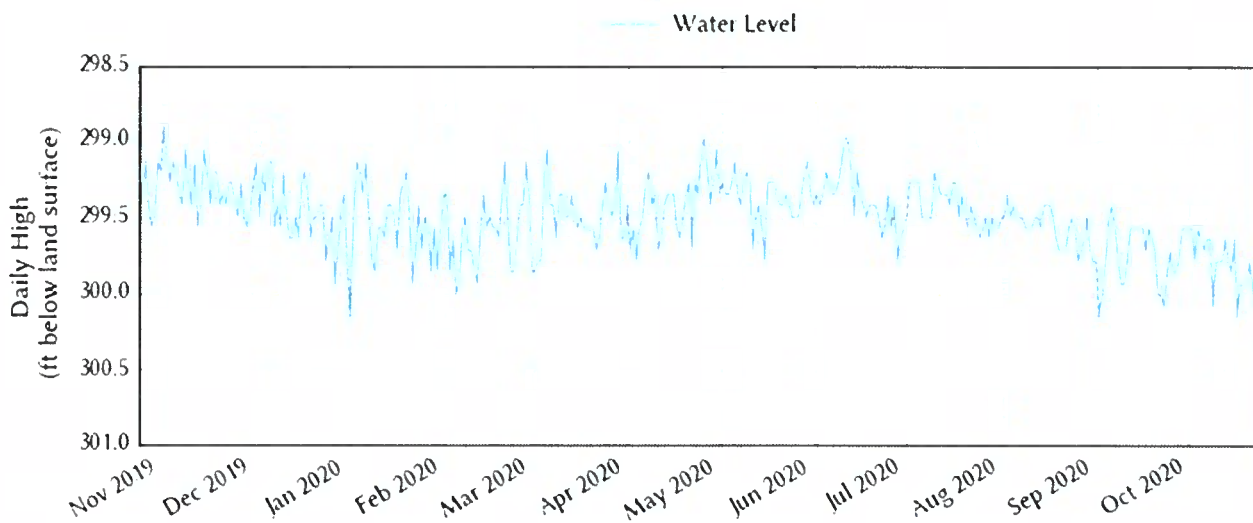
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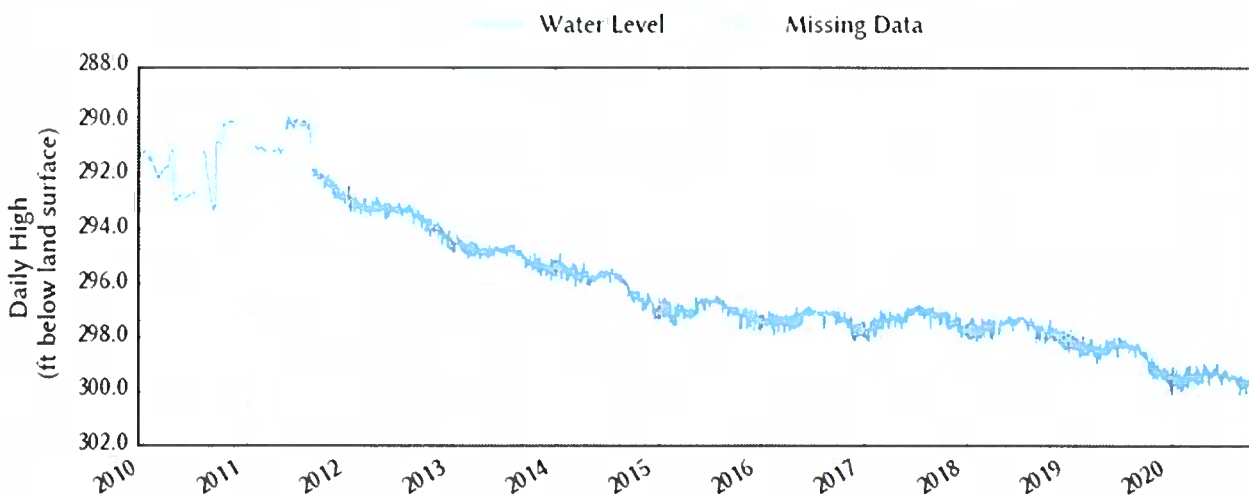
Last 30 Days



1 Year



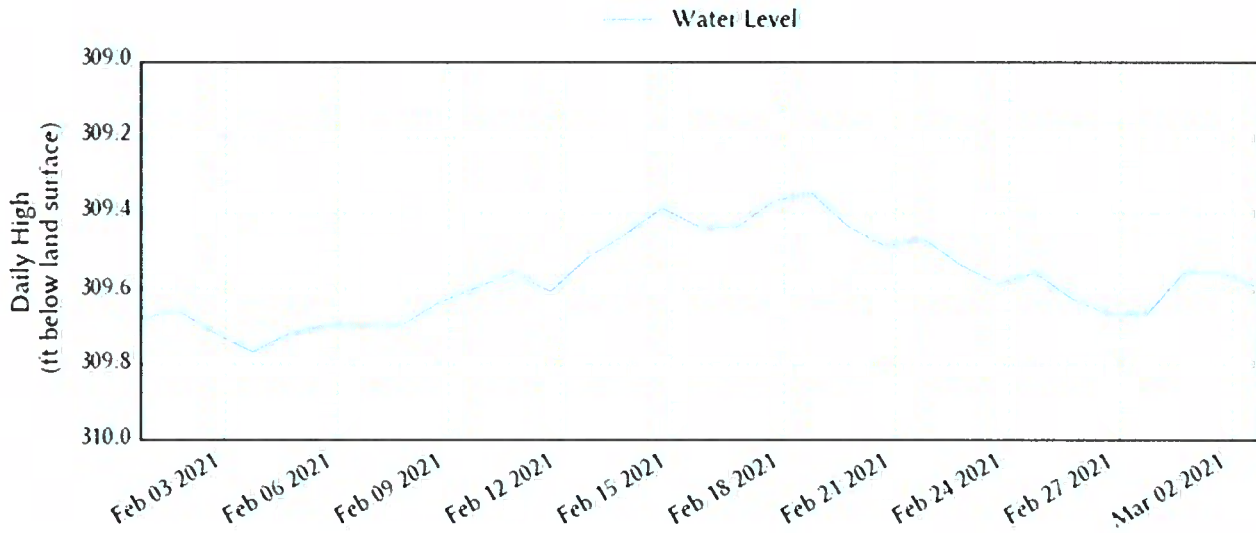
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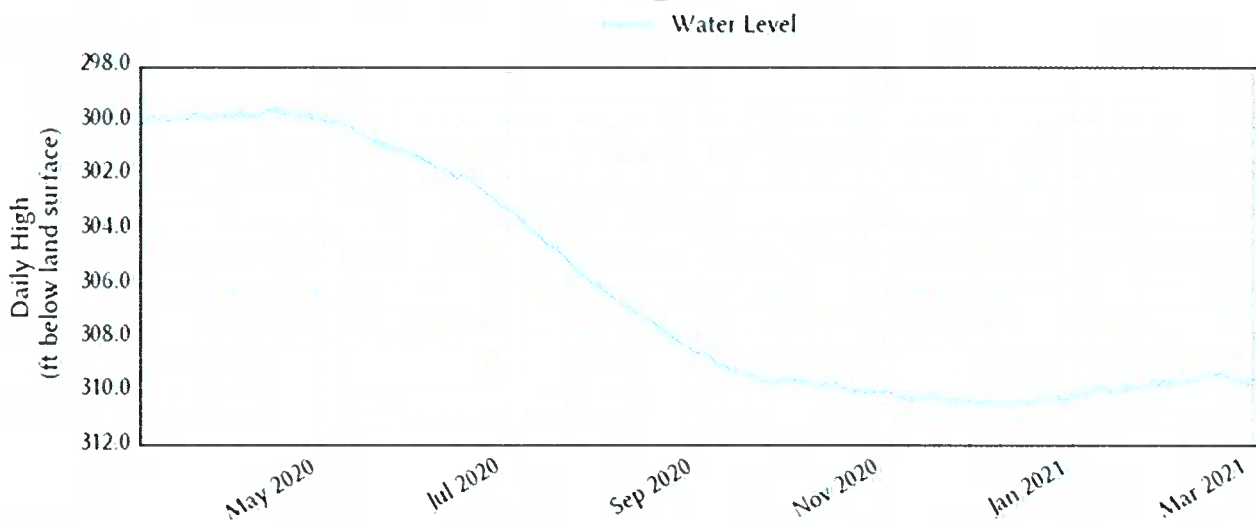
**February 2021**

**Continuous Monitoring Well # 5802303  
(Killeen - River Ridge Ranch Park Well #2)  
Lower Trinity Aquifer**

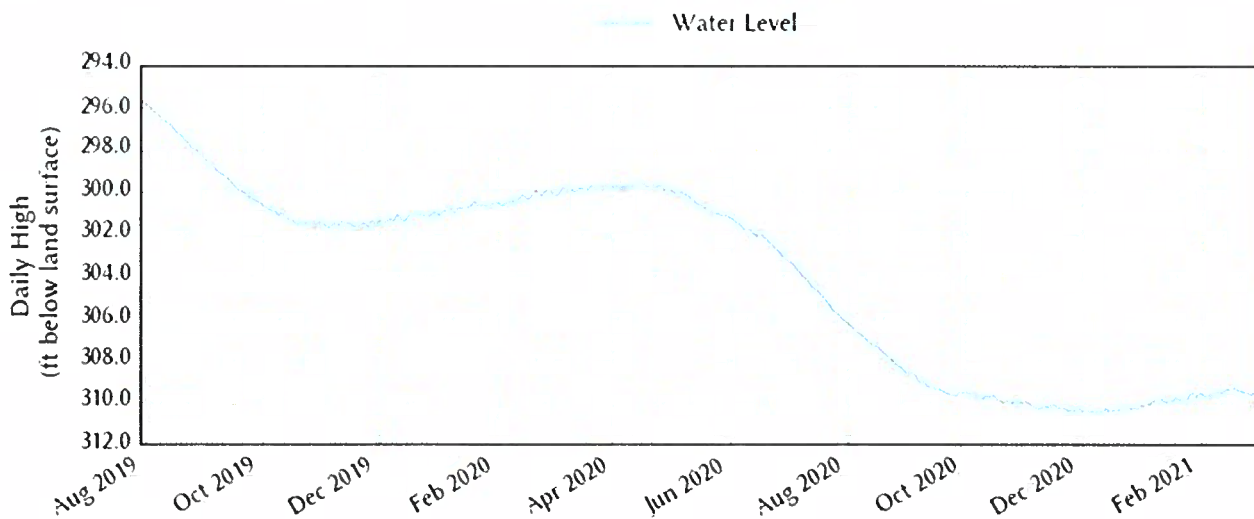
**Last 30 Days**



**1 Year**

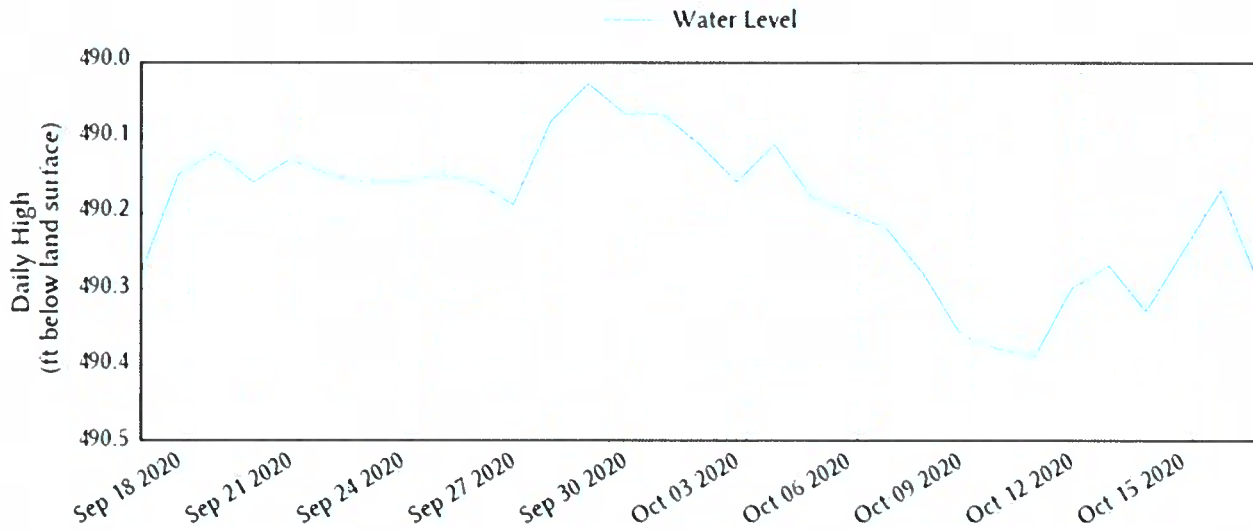


**Period Of Record**

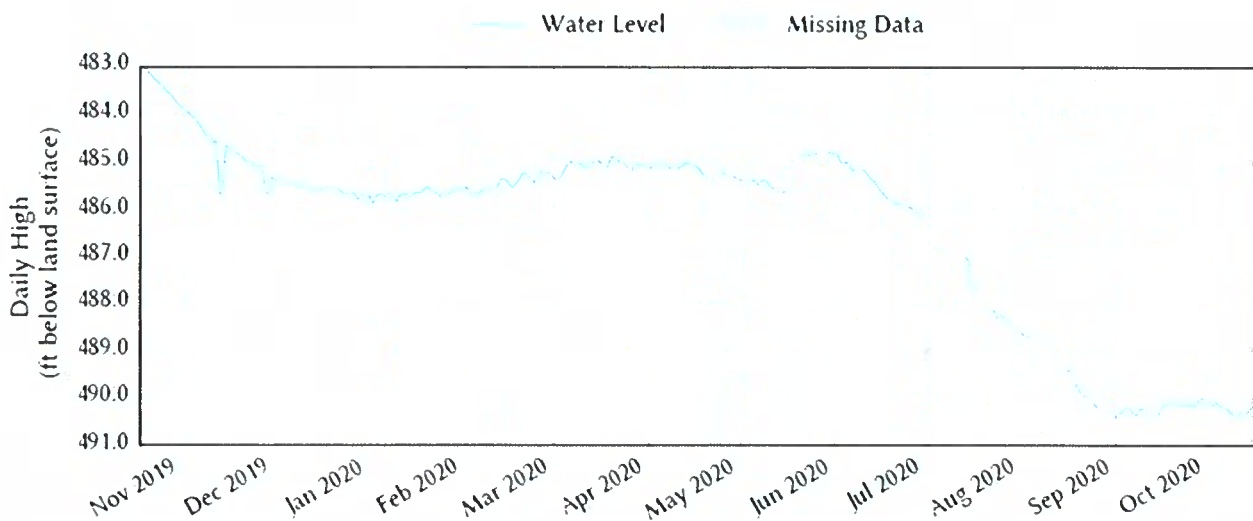


**Continuous Monitoring Well # 4054701  
(Temple - Cearley Well)  
Lower Trinity Aquifer**

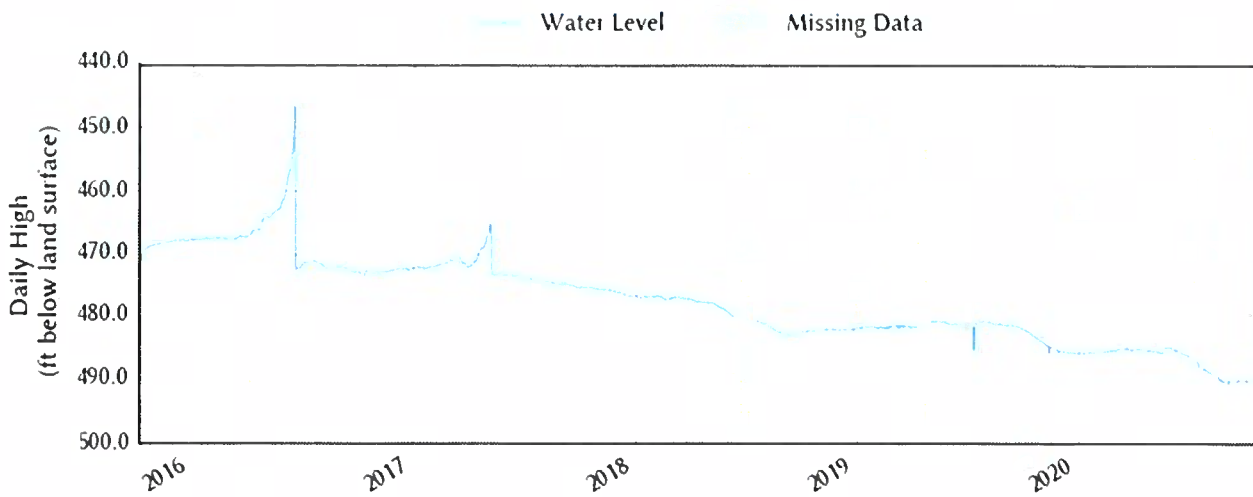
**Last 30 Days**



**1 Year**

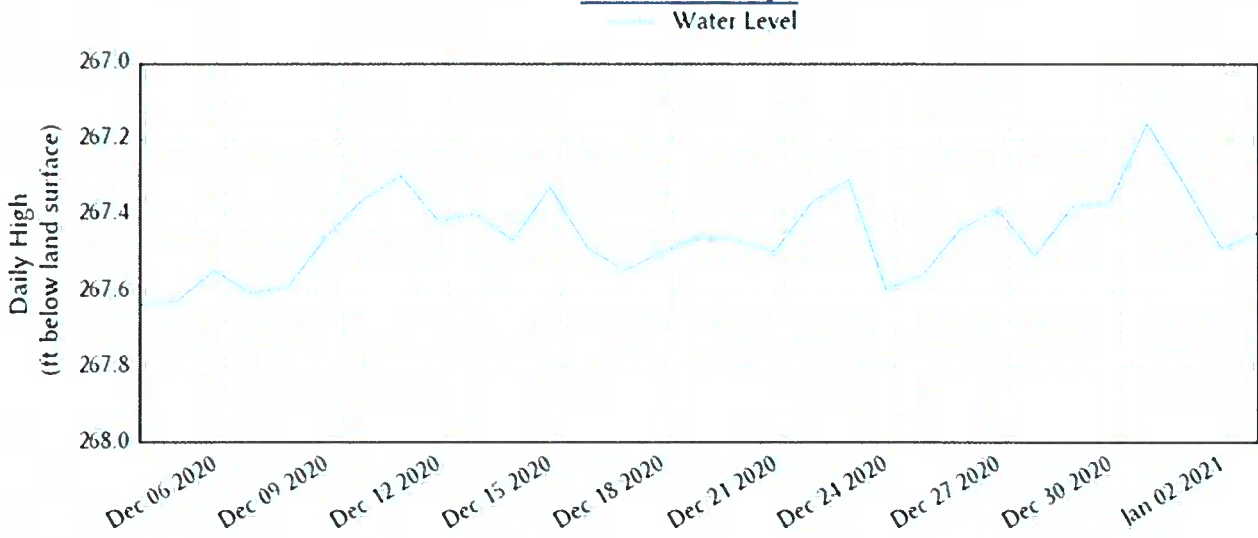


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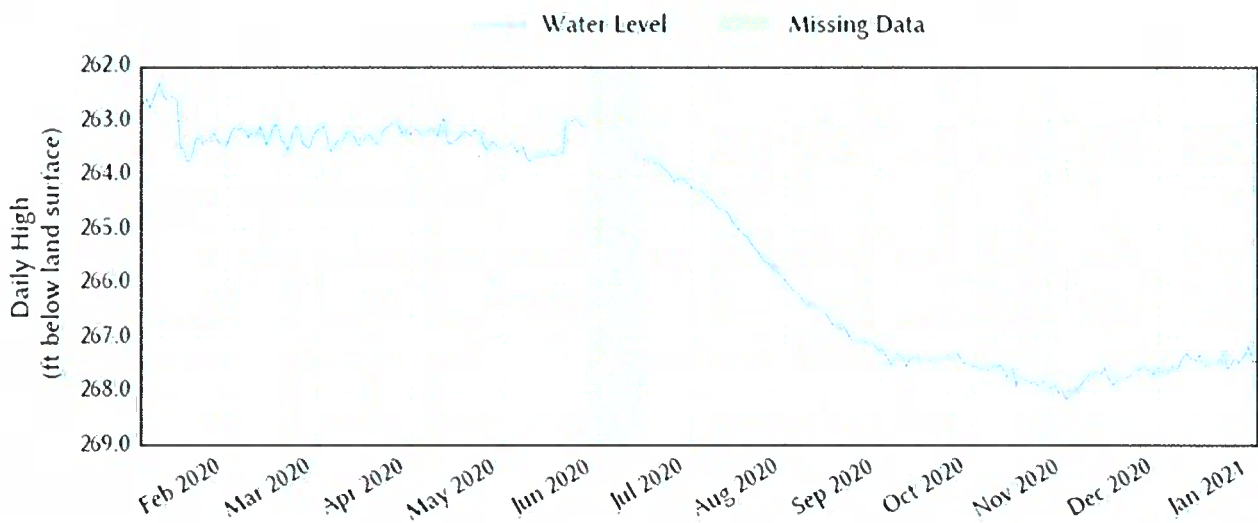


Continuous Monitoring Well # 4061509  
(Temple - Pea Ridge Well)  
Lower Trinity Aquifer

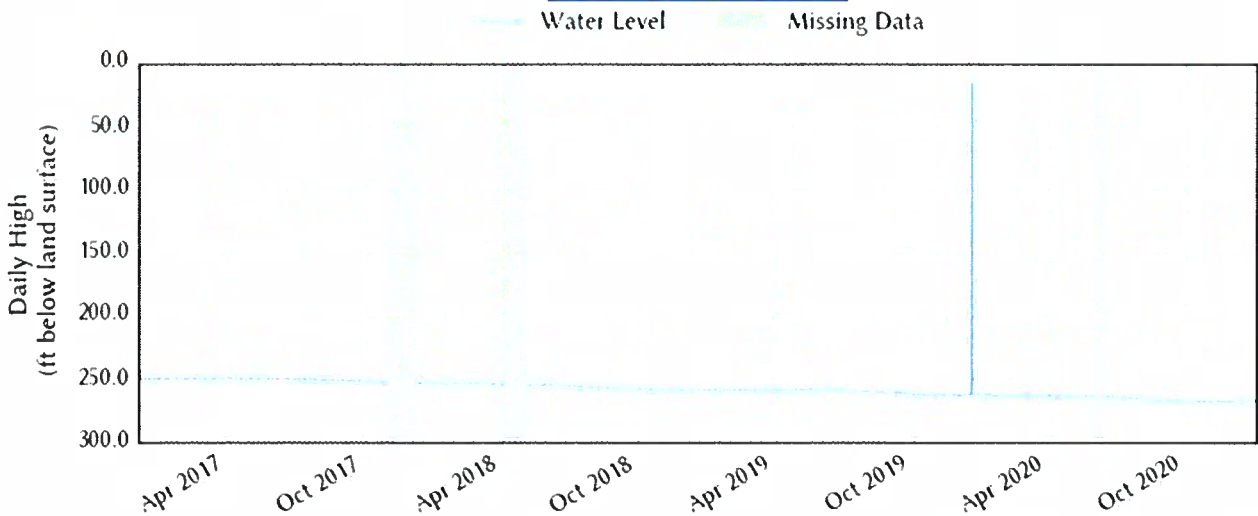
Last 30 Days



1 Year



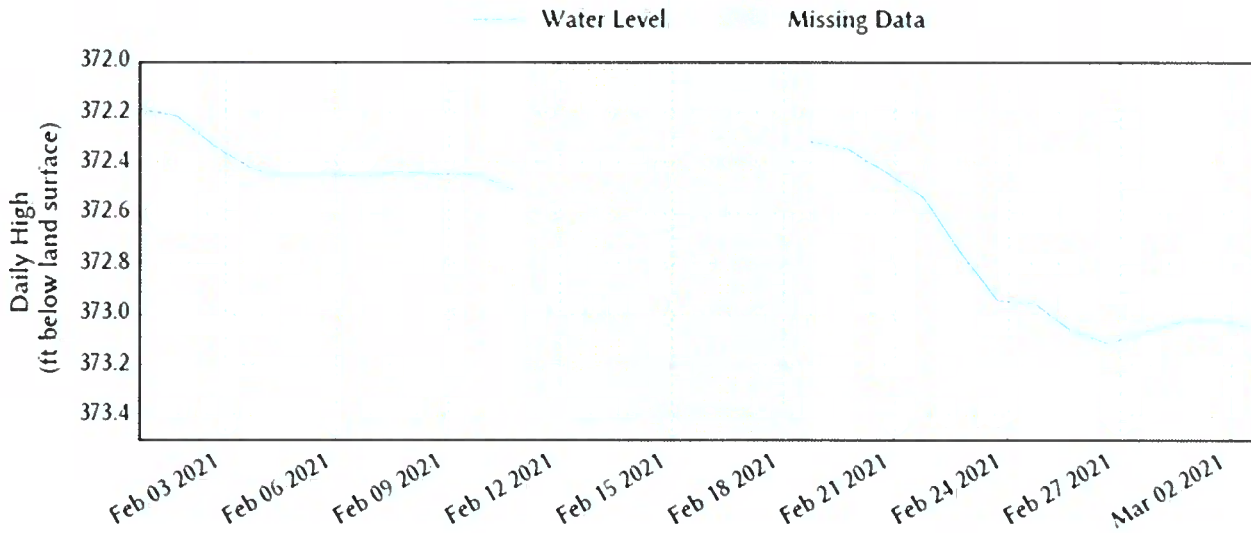
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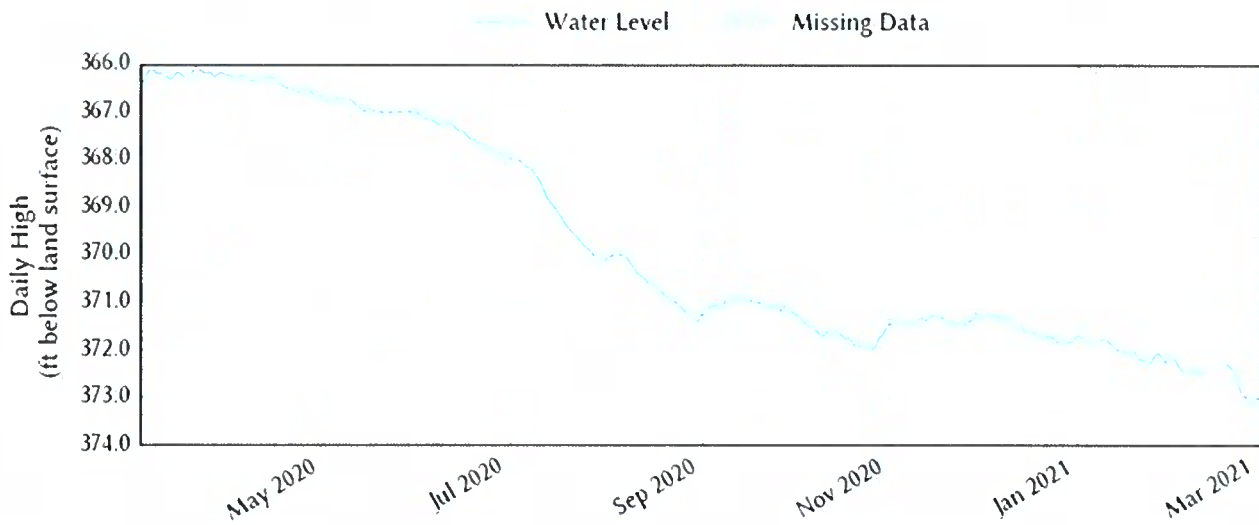
**February 2021**

**Continuous Monitoring Well # 4062501  
(Temple - Acres Well)  
Lower Trinity Aquifer**

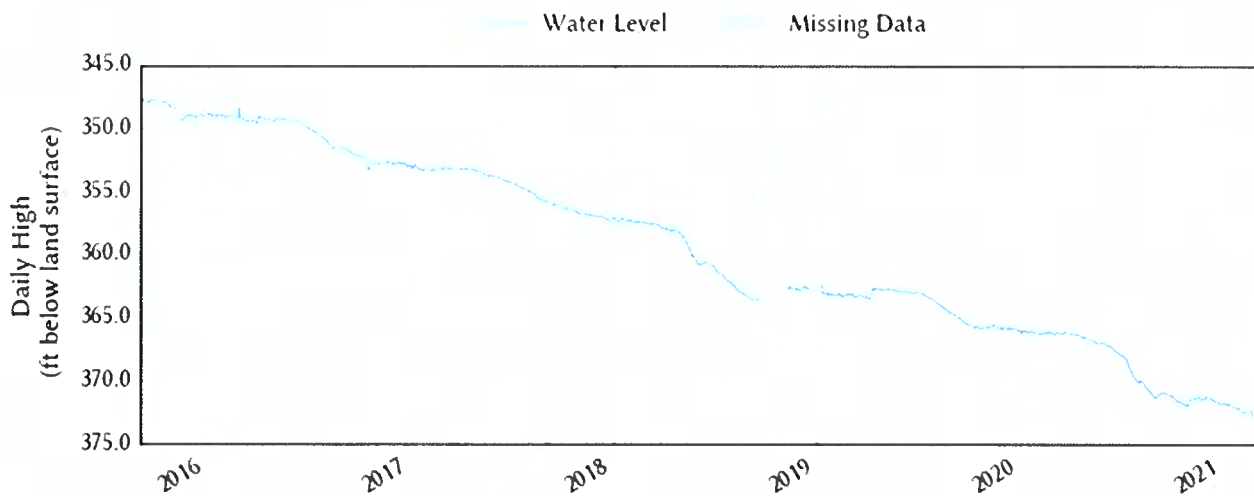
**Last 30 Days**



**1 Year**



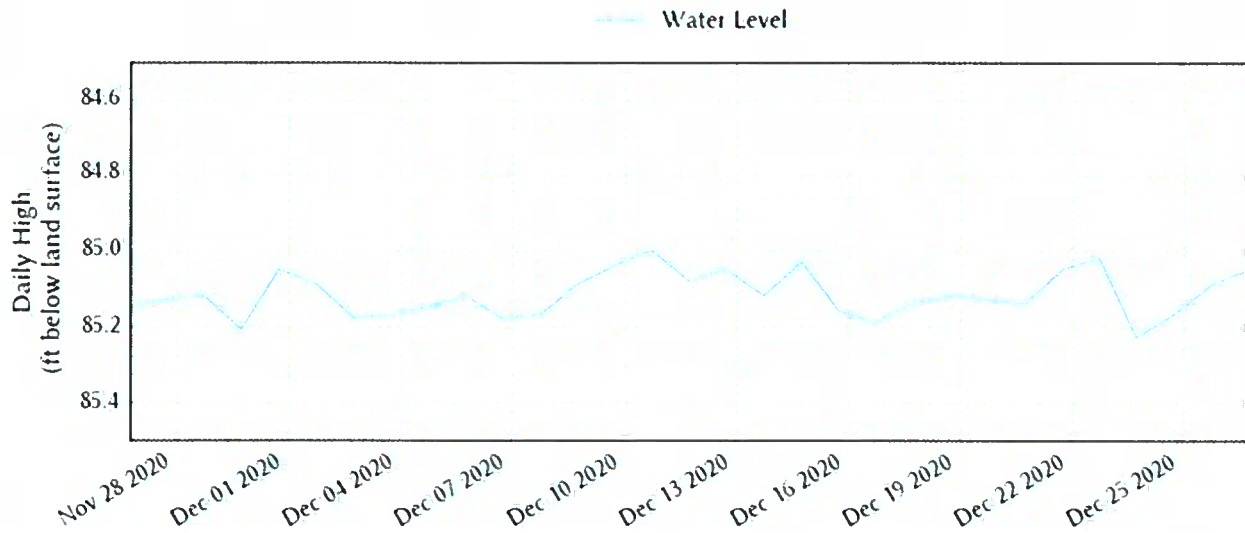
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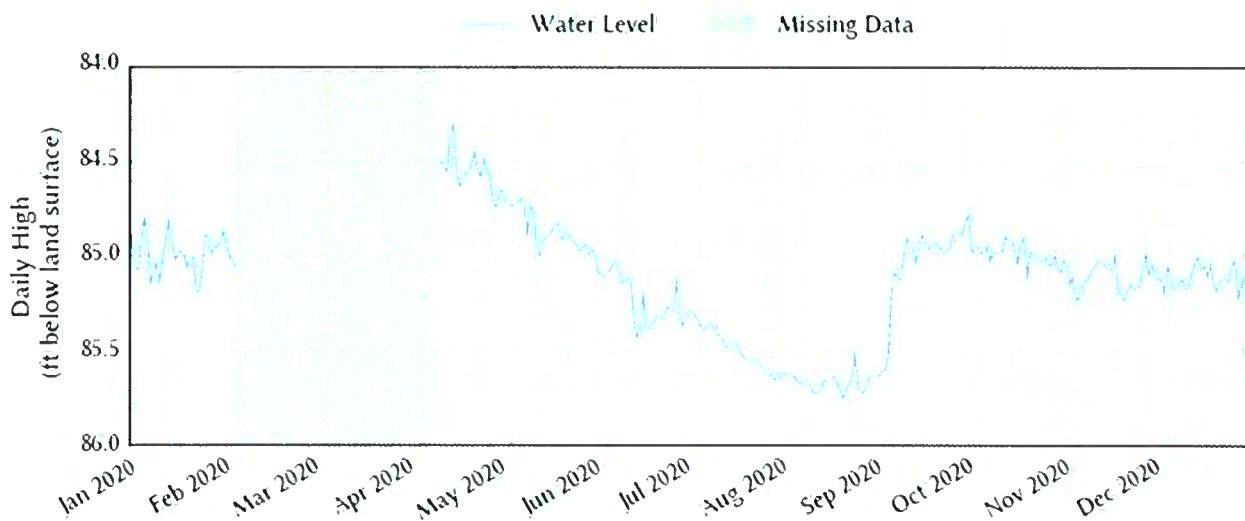


Continuous Monitoring Well # 4058201  
(Central Texas College - Ranch Rd)  
Upper Trinity Aquifer

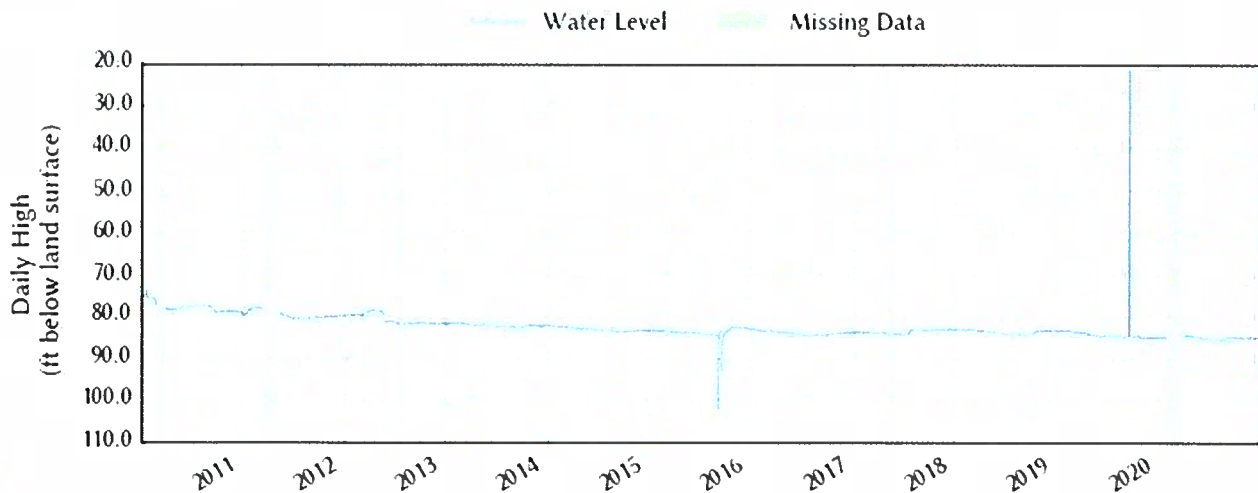
Last 30 Days



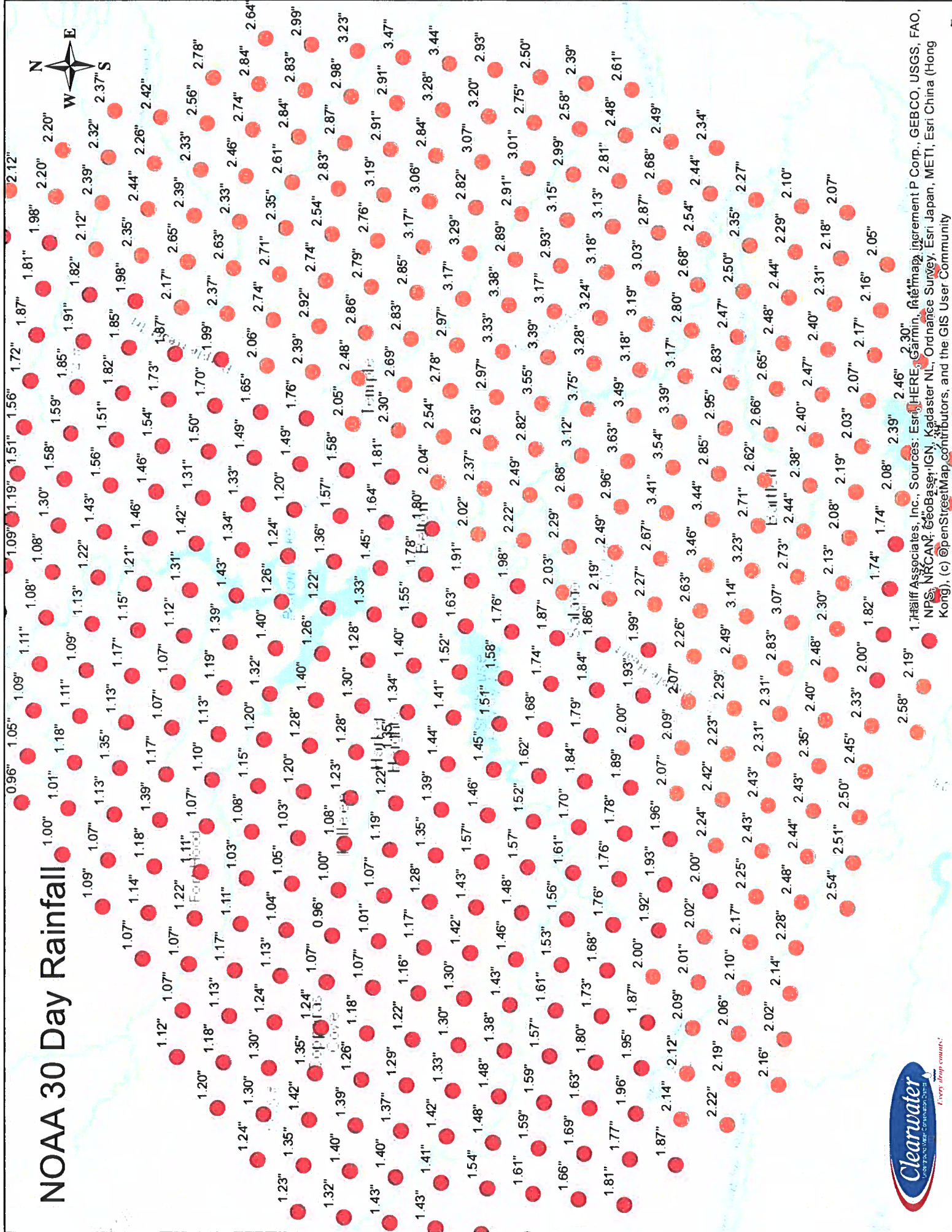
1 Year



Period Of Record

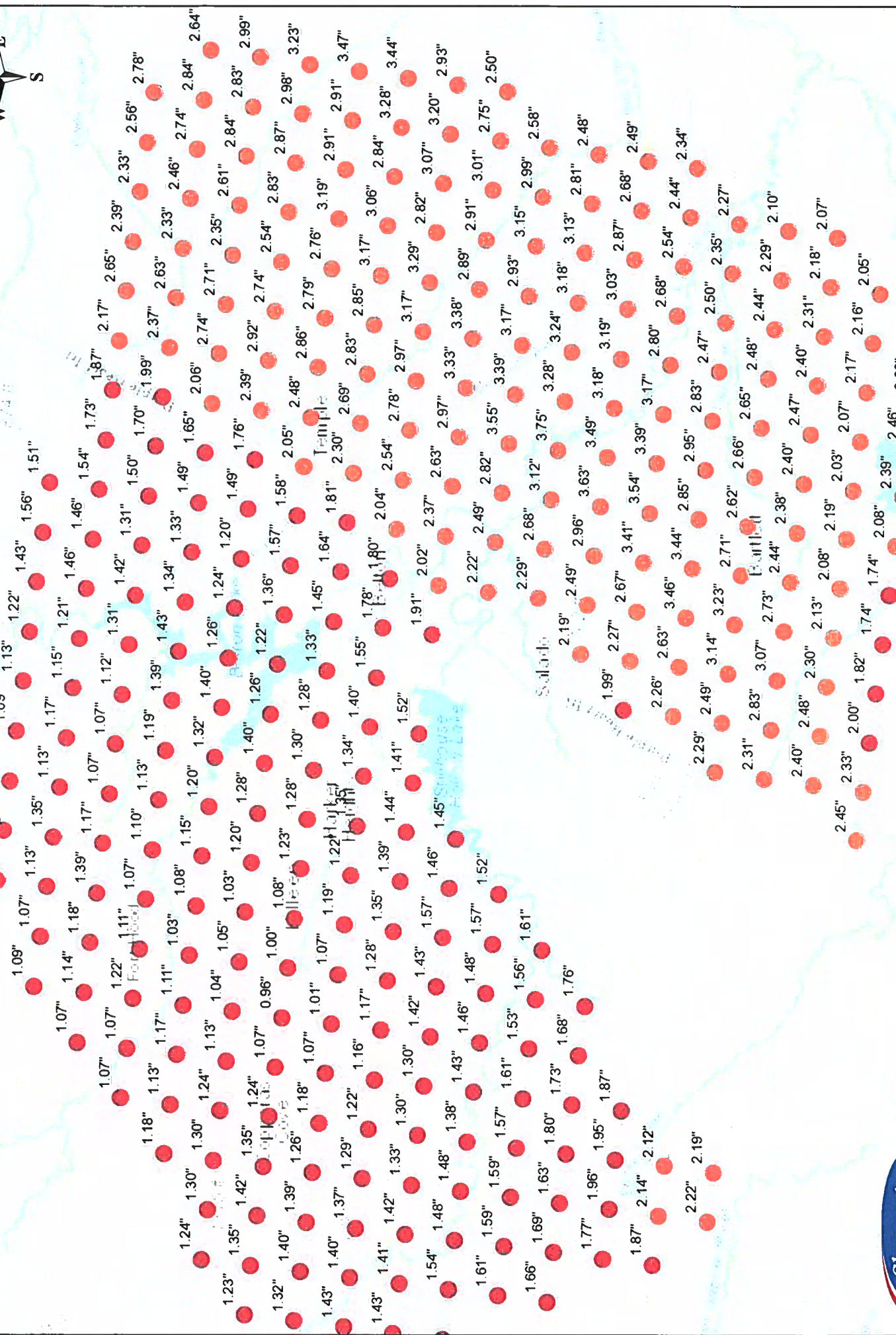


# NOAA 30 Day Rainfall



Map data by OpenStreetMap contributors, and the GIS User Community  
Sources: Esri, HERE, Garmin, Intermap, Swire, GEBCO, USGS, FAO,  
NPS, NRCAN, GeoBCast, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong  
Kong), (c) OpenStreetMap contributors, and the GIS User Community

# NOAA 30 Day Rainfall - Trinity<sup>18</sup>



# NOAA 30 Day Rainfall - Edwards



Fort Hood

Copperas  
Cove

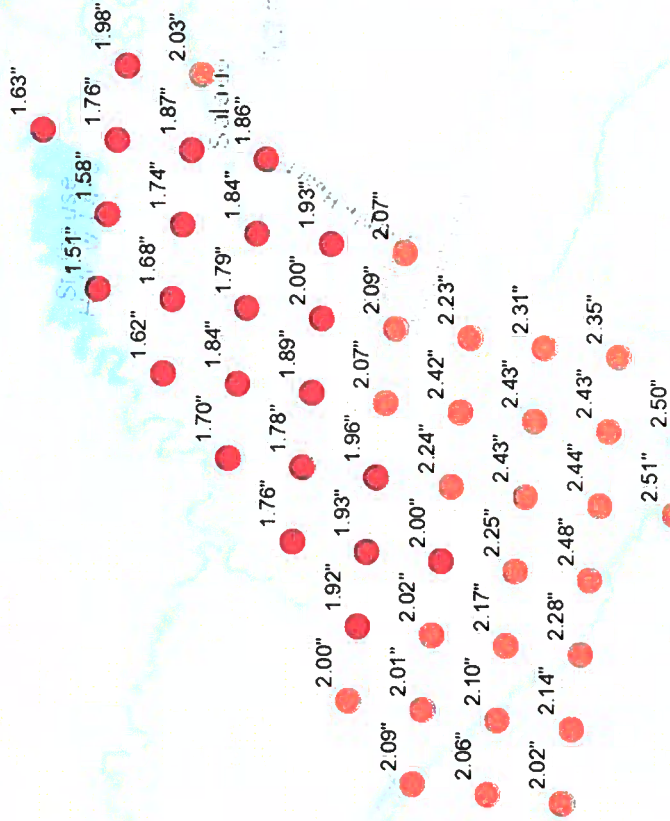
Killeen

Harker  
Heights

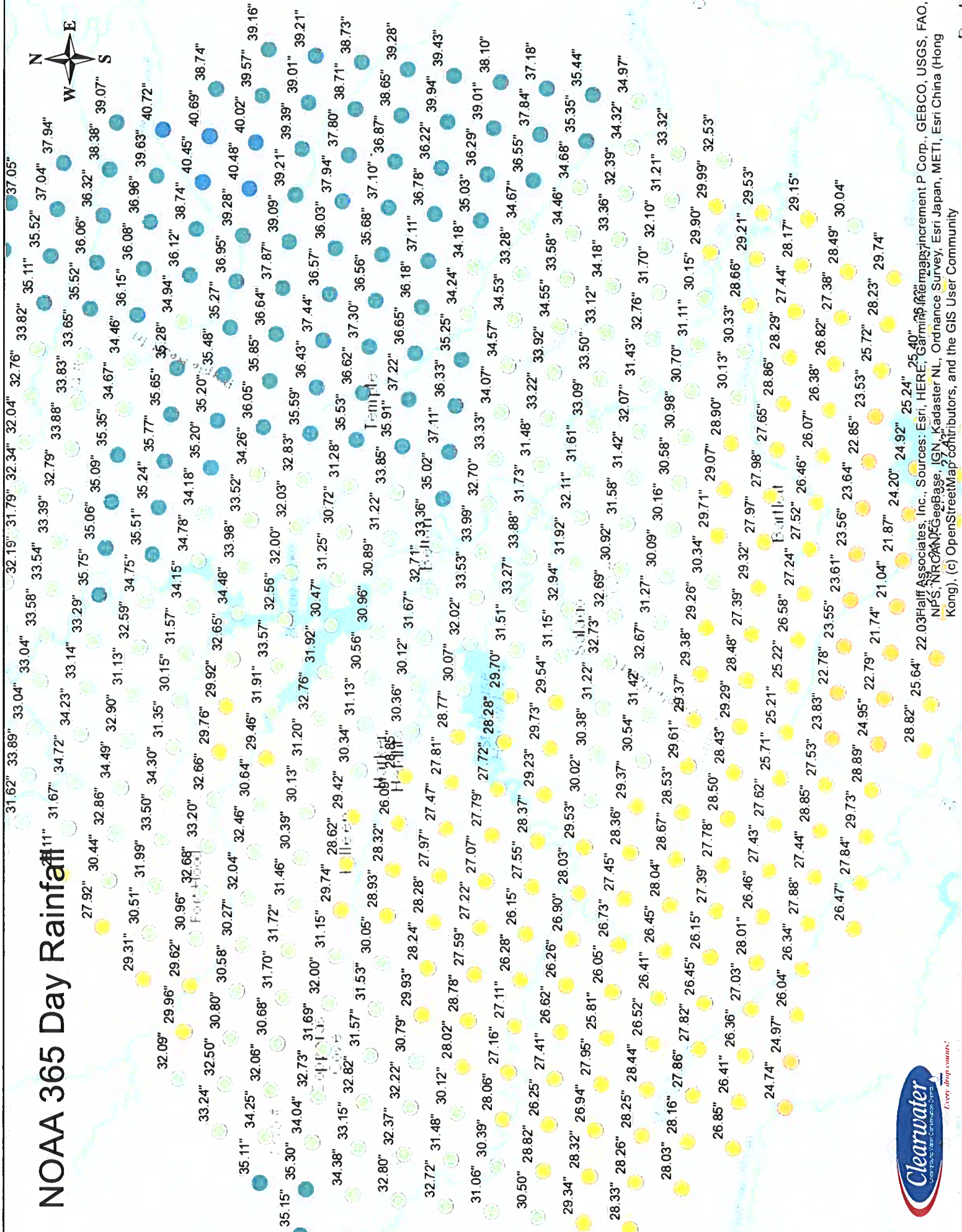
Bellton

Temple

Burkeville



# NOAA 365 Day Rainfall

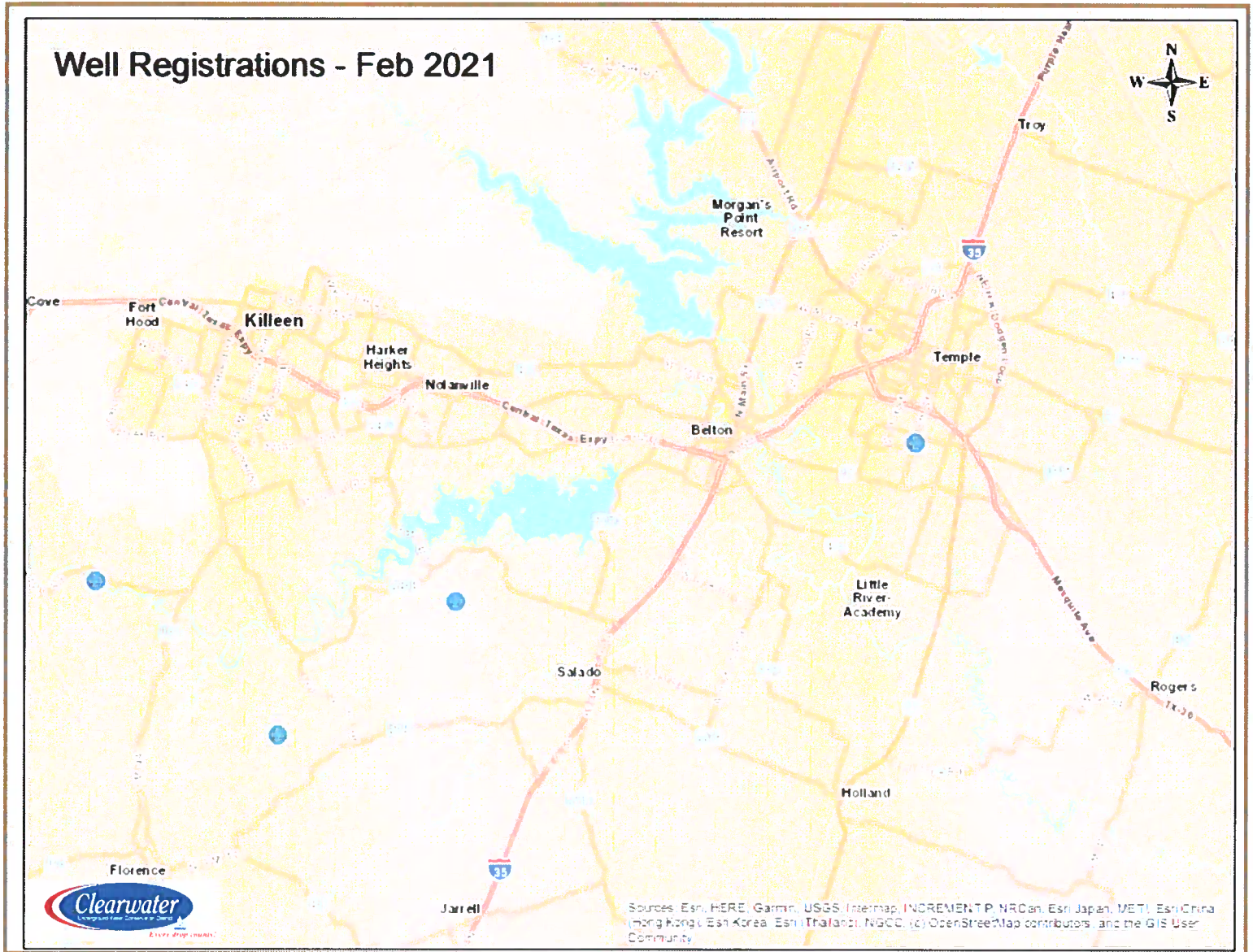


22.03 Haif Associates, Inc., Sources: Esri, HERE, Garmin, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community





# Proposed New Wells - February 2021



| <u>Well #</u> | <u>Owner</u>  | <u>Address</u>       | <u>City</u> | <u>Aquifer</u> | <u>Depth</u> | <u>Use</u> | <u>Status</u> |
|---------------|---------------|----------------------|-------------|----------------|--------------|------------|---------------|
| E-21-016P     | Nick Flippin  | 12362 Crows Ranch Rd | Salado      | Undeclared     | 900'         | Domestic   | Proposed      |
| E-21-017P     | Scott Smith   | 200 Clovis Dr        | Grgtown     | Undeclared     | 360'         | Domestic   | Proposed      |
| E-21-018P     | Beaux Cochran | 1309 Irene Dr        | Cedar Prk   | Undeclared     | 360'         | Domestic   | Proposed      |
| E-21-019P     | Edward Kime   | 17503 Wolfridge Rd   | Killeen     | Undeclared     | 380'         | Domestic   | Proposed      |
| E-21-020GU    | Unknown       | 1629 S Fort Hood St  | Killeen     | Unknown        | ?            | Domestic   | Plugged       |
| E-21-021P     | Robert Haas   | 21730 Firefly Rd     | Florence    | Undeclared     | 850'         | Domestic   | Proposed      |