



Clearwater Underground Water Conservation District

P.O. Box 1989, Belton, Texas 76513

Phone: 254/933-0120 Fax: 254/933-8396

www.cuwcd.org

Leland Gersbach, President

Gary Young

Jody Williams

Scott Brooks

David Cole

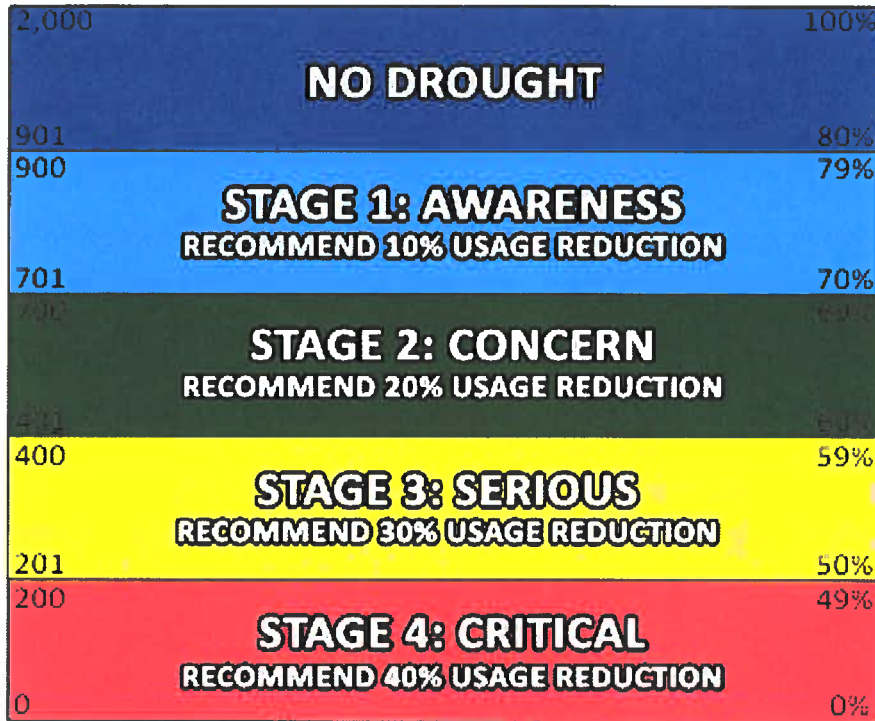
Clearwater Staff Reports

April 14, 2021

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

Trinity Aquifer—Drought Status Report

NO DROUGHT

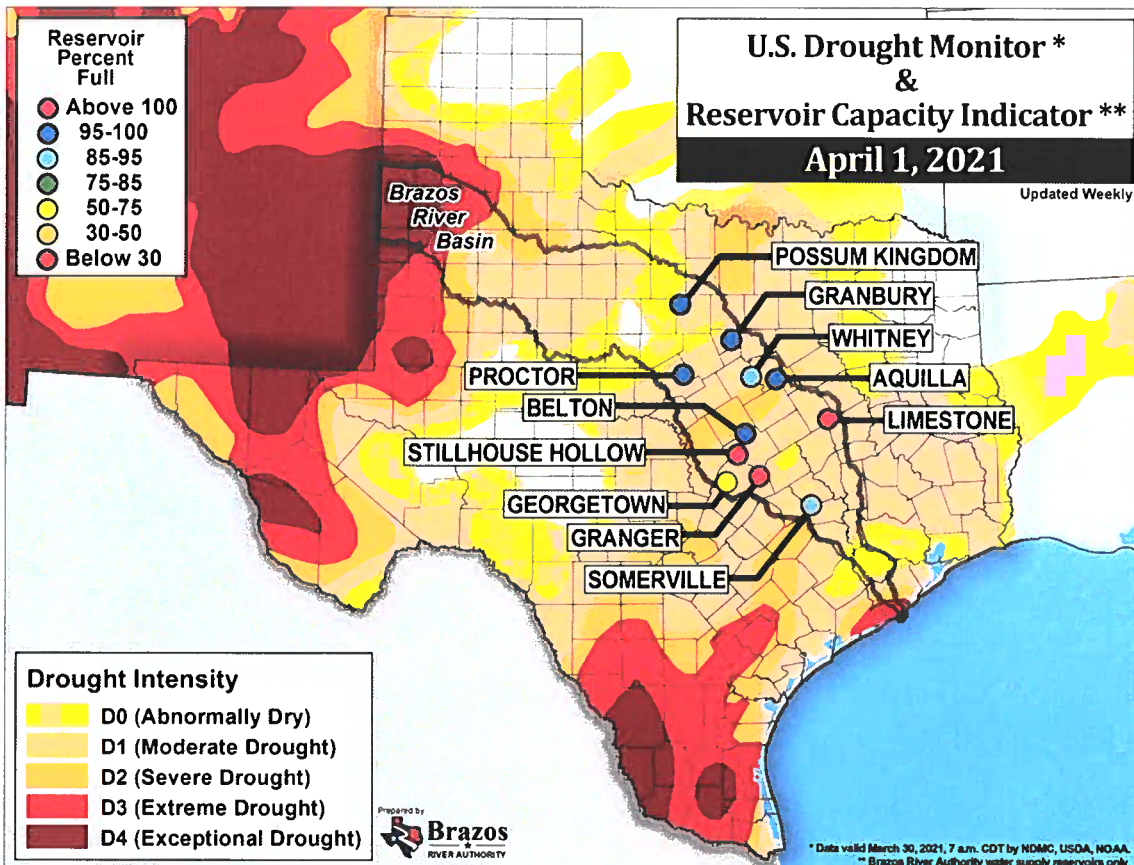


← 27.55 PDI
83.48 %

Precipitation Deficit Index (PDI)

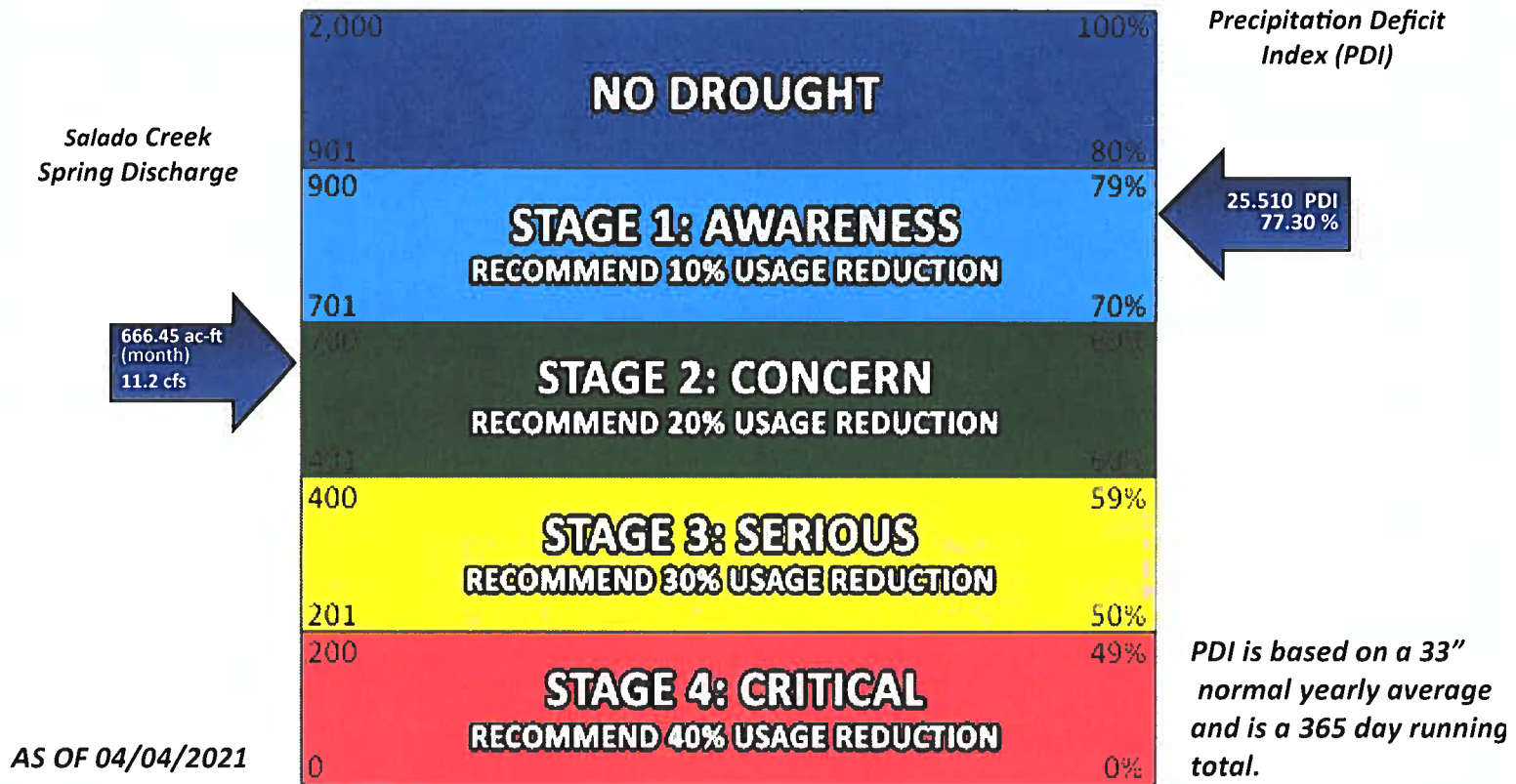
PDI is based on a 33" normal yearly average and is a 365 day running total.

AS OF 4/04/2021

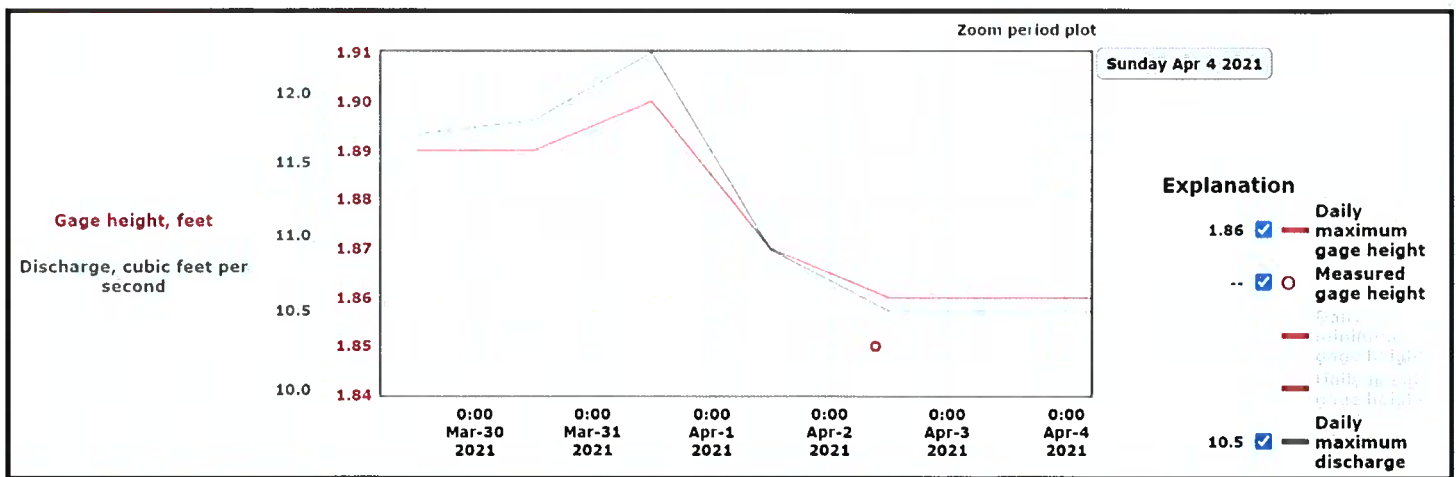


Edwards BFZ Aquifer—Drought Status Report

STAGE 2: CONCERN



USGS 08104300 Salado Ck at Salado, TX





Education Outreach Highlights 4/14/21

1. Goal: Improve our educational outreach efforts and expand our identified audiences (4th-5th 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).

- March 5 - Staff submitted a video for the virtual career day for Miller Heights Elementary. 60 students/staff viewed the video.
- March 23 – Staff presented to the Florence Chamber of Commerce. 14 people in attendance.
- April 6 – Staff presented to the Belton Rotary Club. 24 people in attendance.

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.

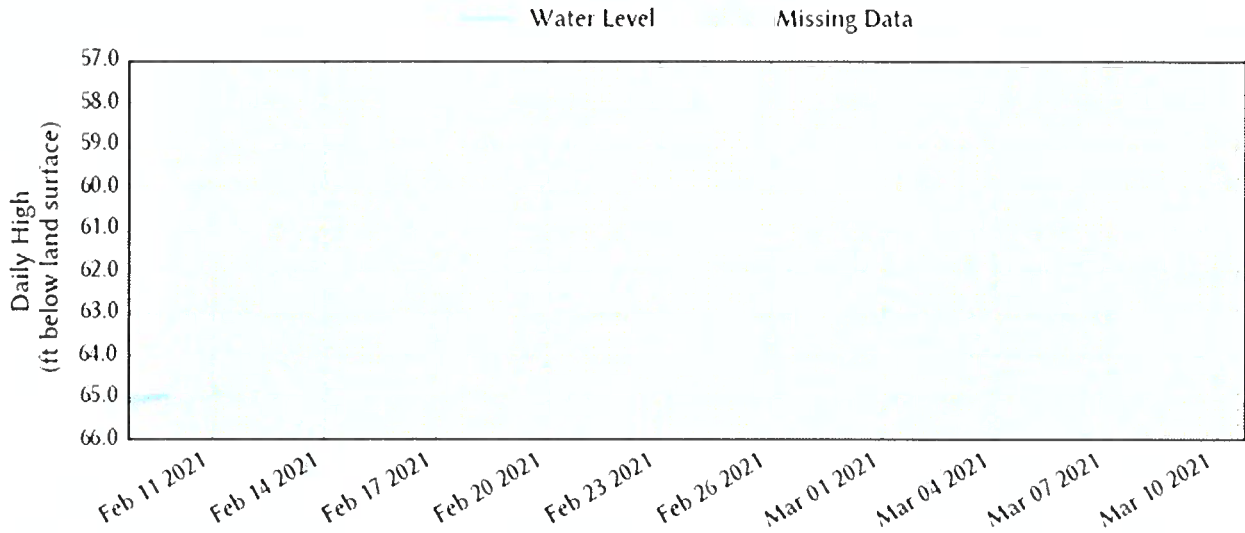
4. Improve Annual Reporting accuracy and timeliness per State mandated Legislation and Management Plan. Goals and objectives in the Management Plan (A:1,2,3,4; B; C; D; E; F; g pages 22-26).

- 2020 Annual Report presented to the Board on April 14, 2021.
- The Annual Newsletter was mailed on January 4, 2021.

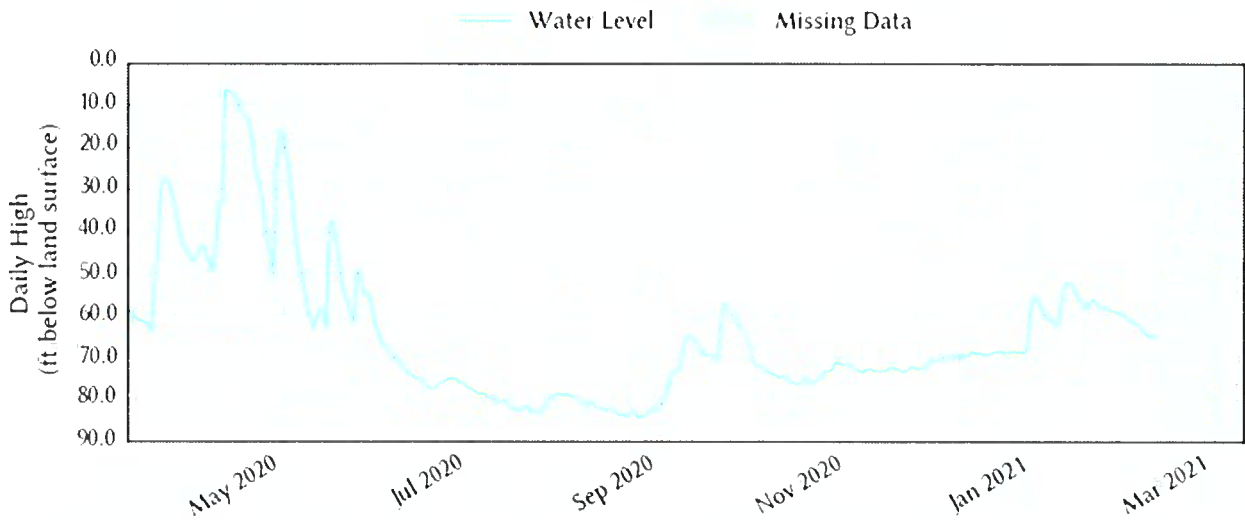
April 2021

**Continuous Monitoring Well # 5804628
(Salado Cemetery)
Edwards Aquifer**

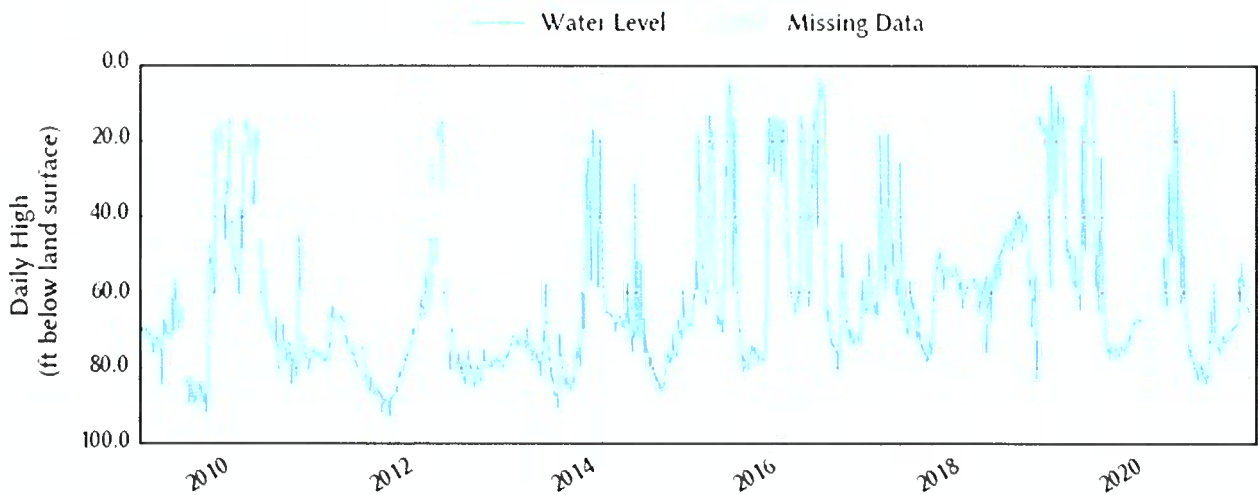
Last 30 Days



1 Year



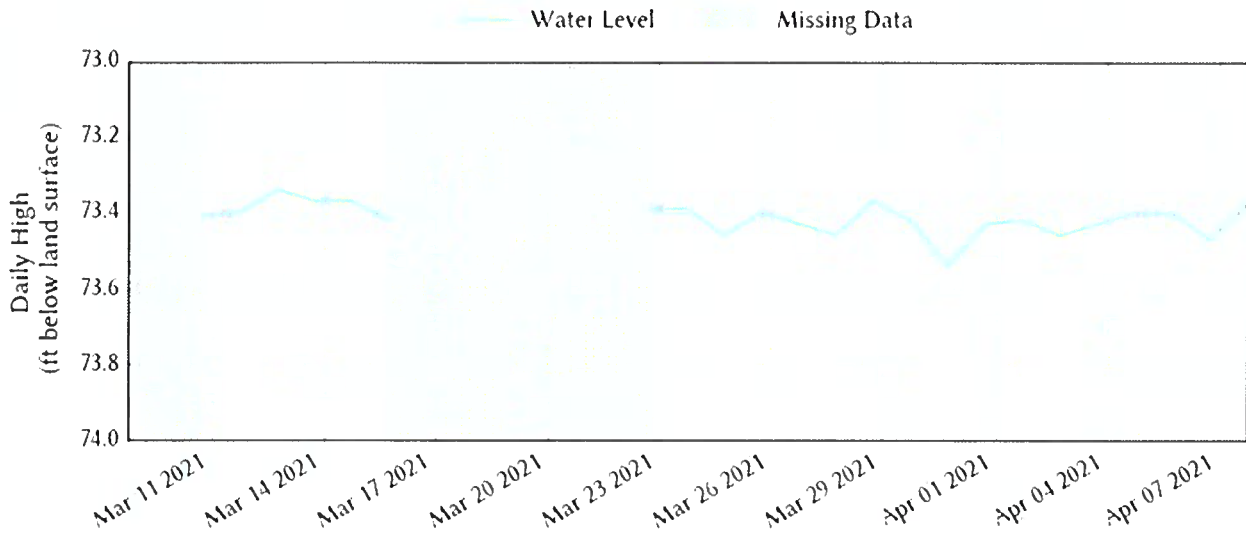
Period Of Record



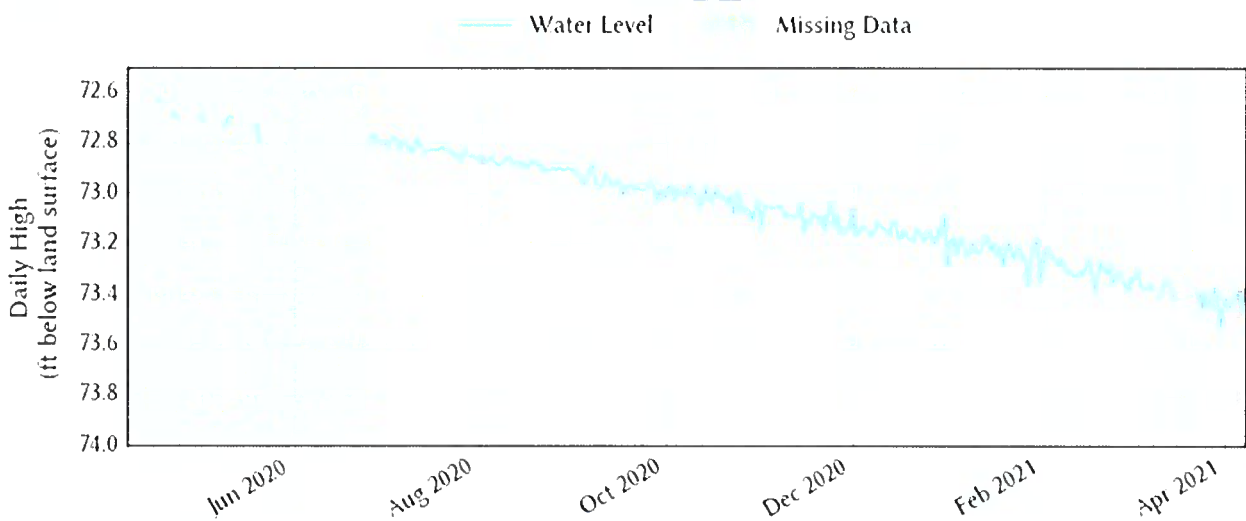
April 2021

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

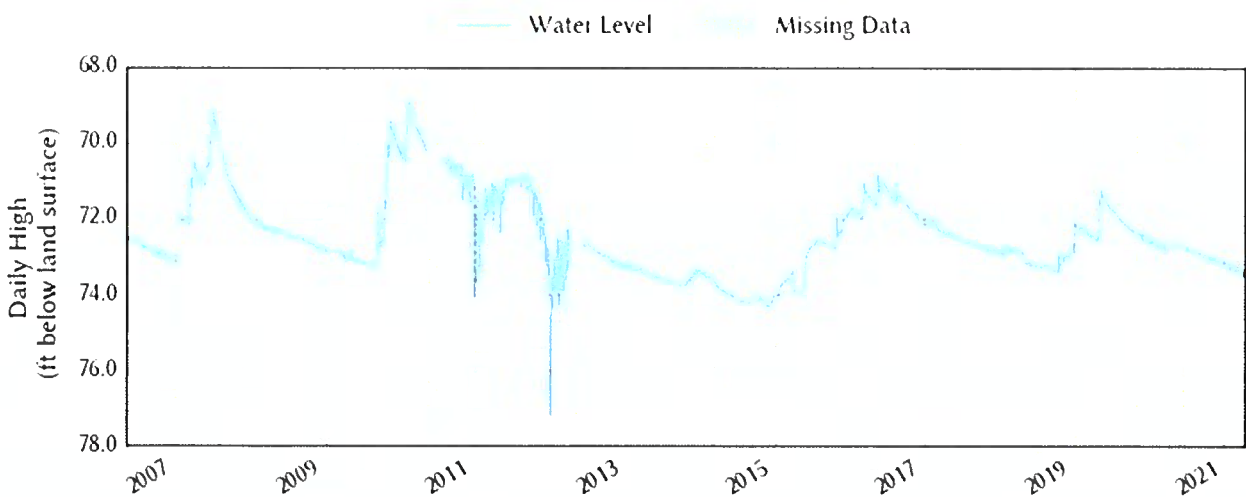
Last 30 Days



1 Year

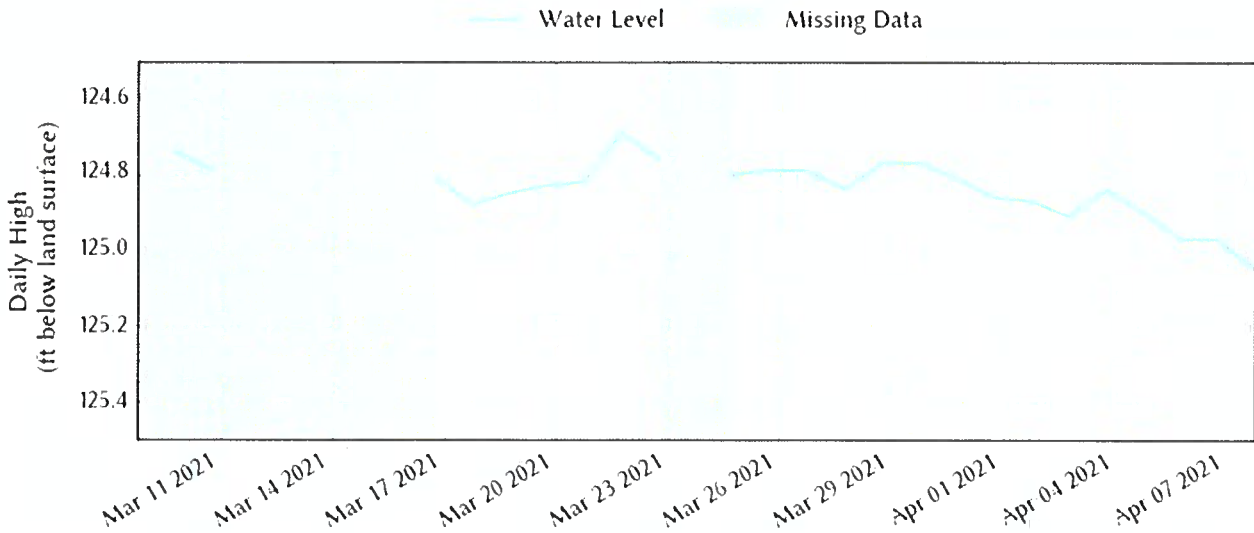


Period Of Record

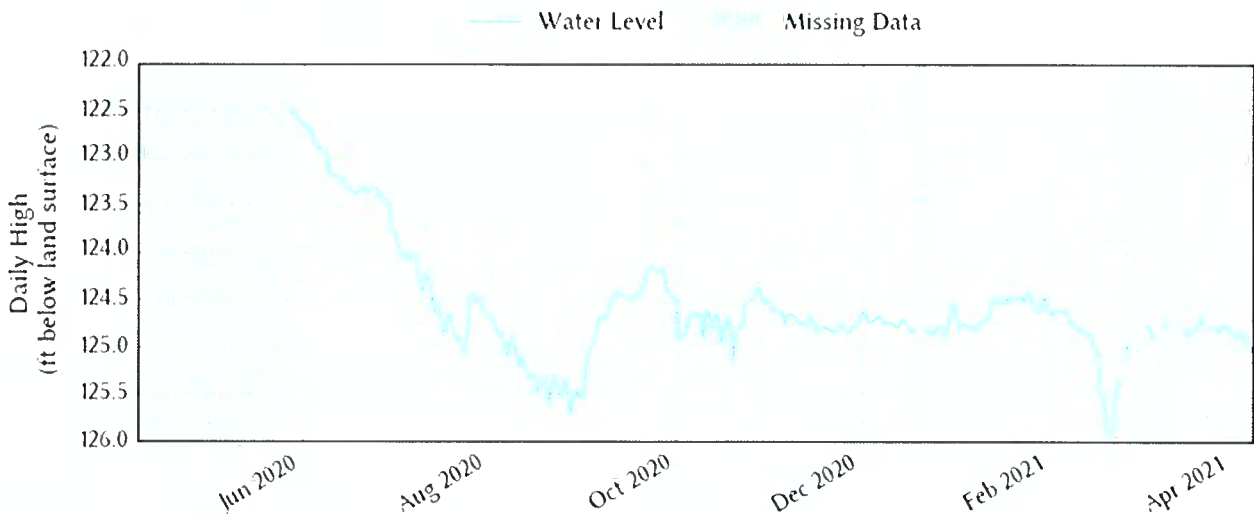


Continuous Monitoring Well # 5804816
(IH-35 Rest Stop - West)
Edwards Aquifer

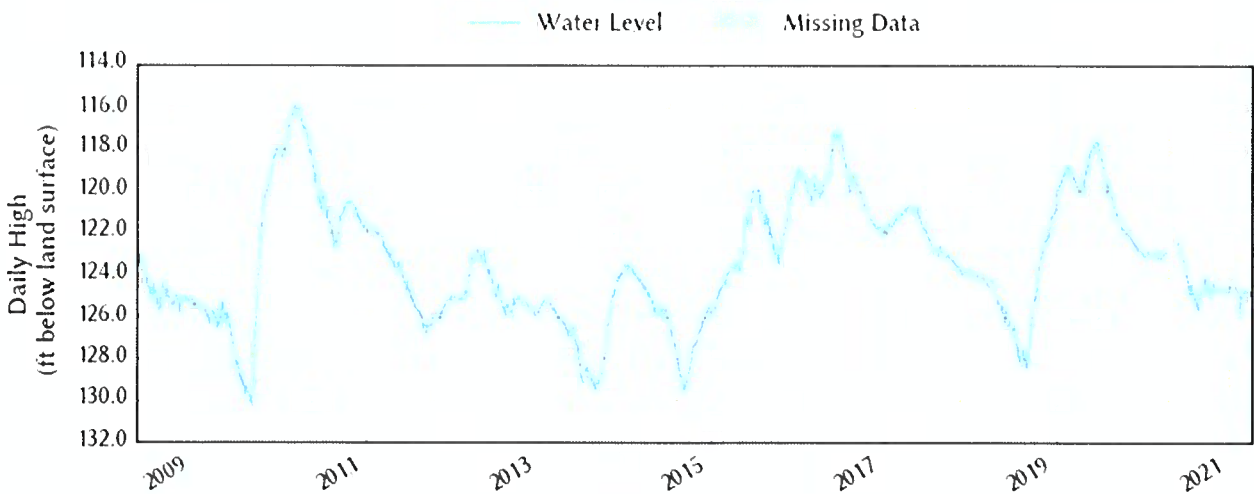
Last 30 Days



1 Year



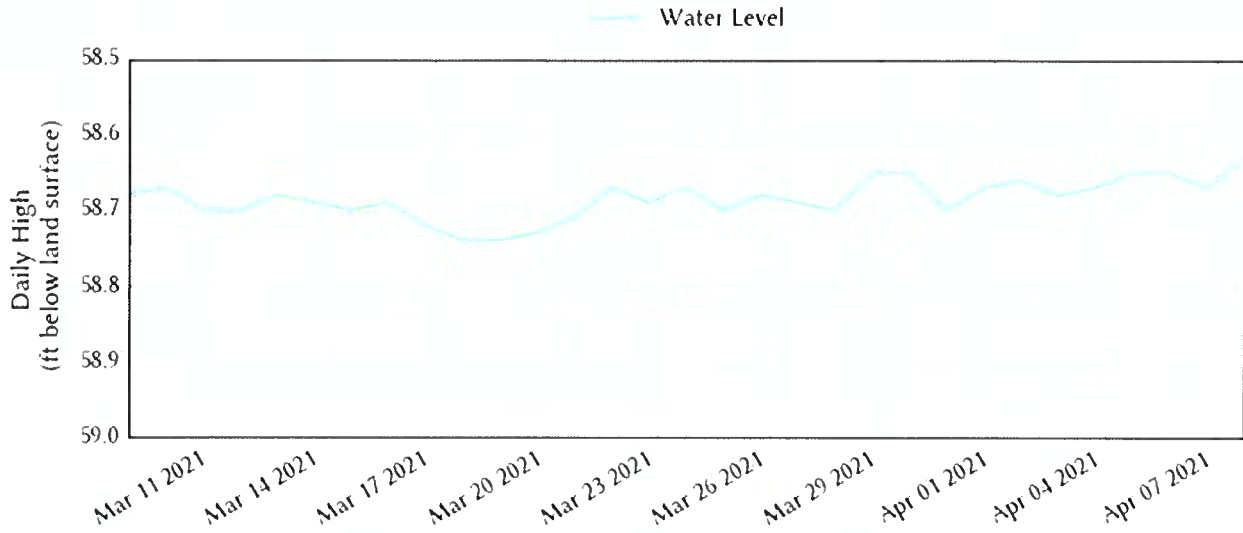
Period Of Record



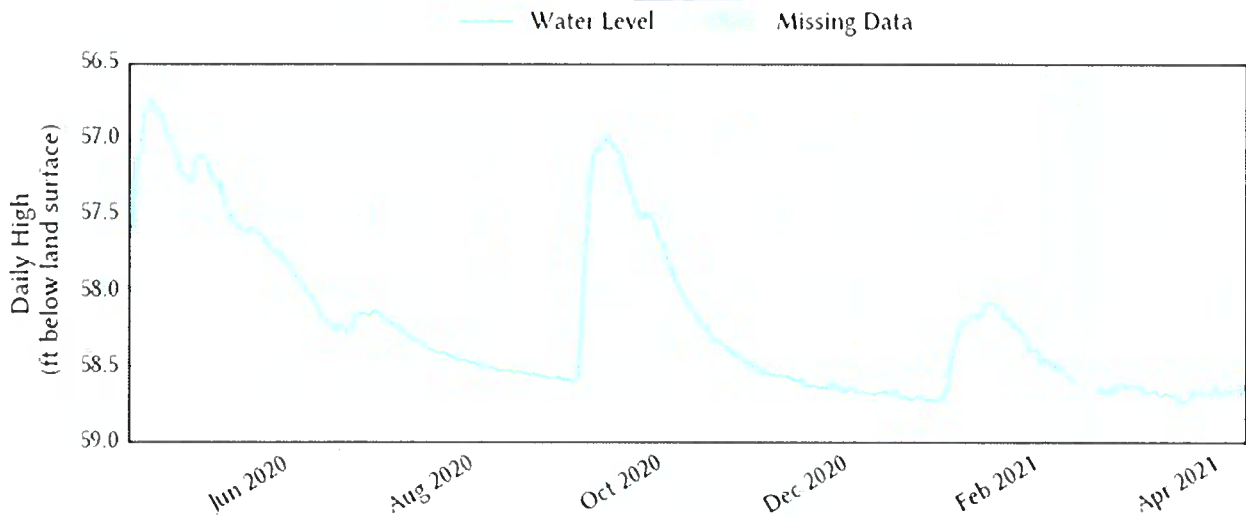
April 2021

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

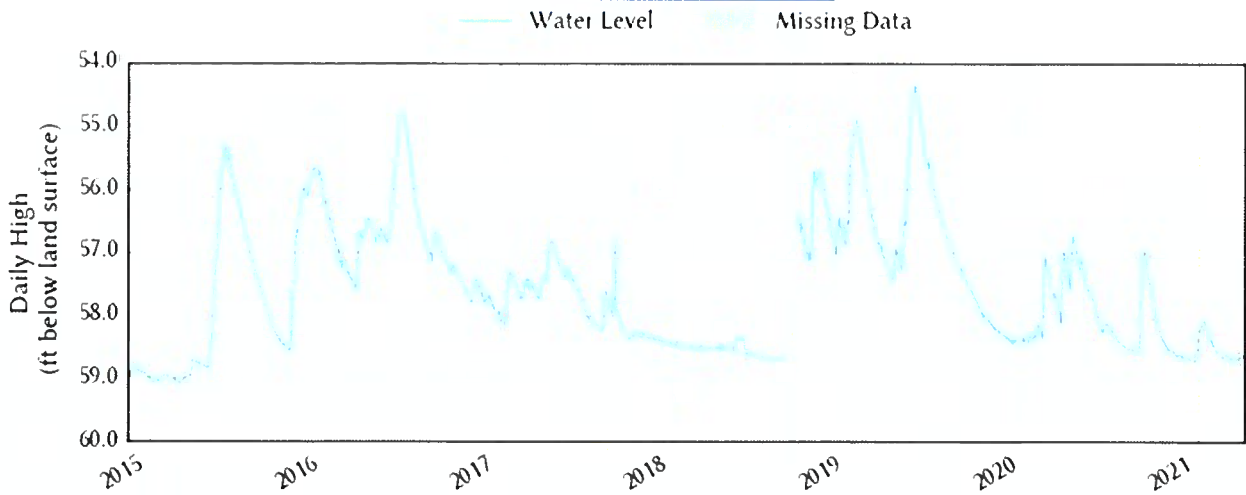
Last 30 Days



1 Year



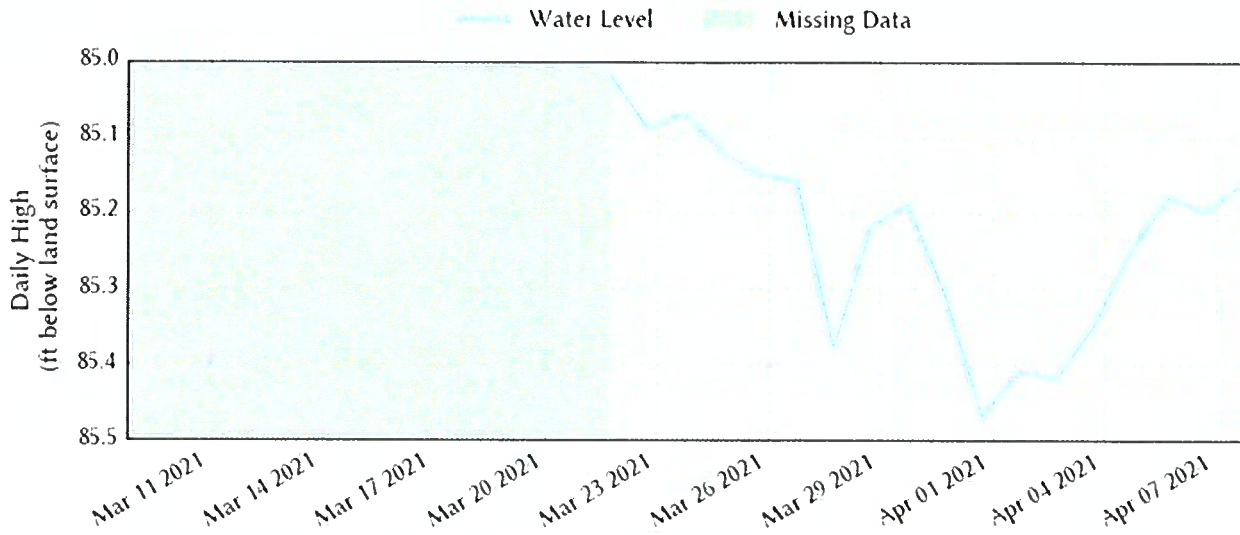
Period Of Record



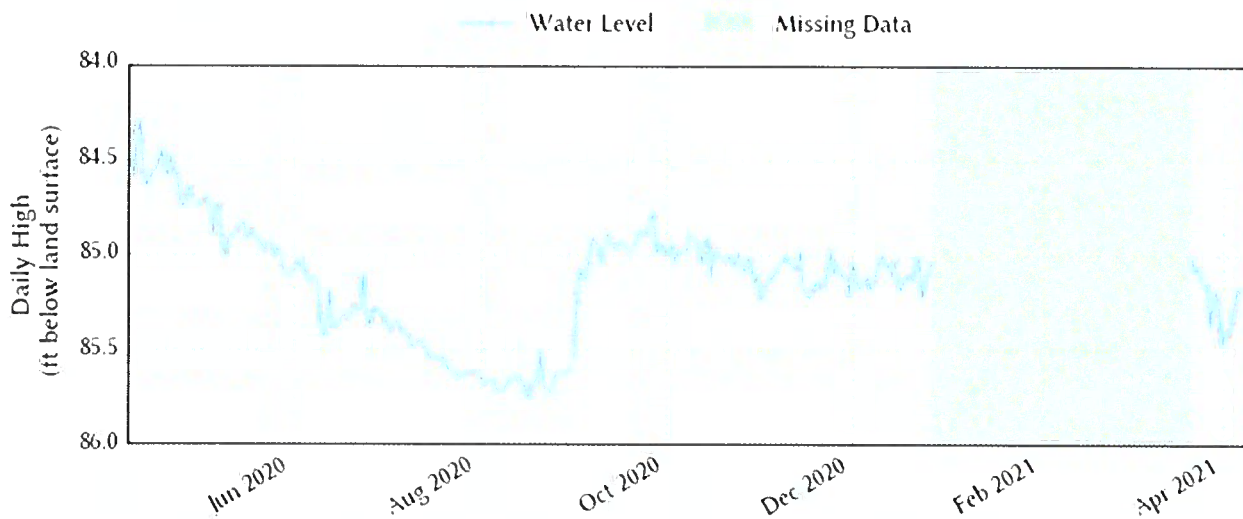
April 2021

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

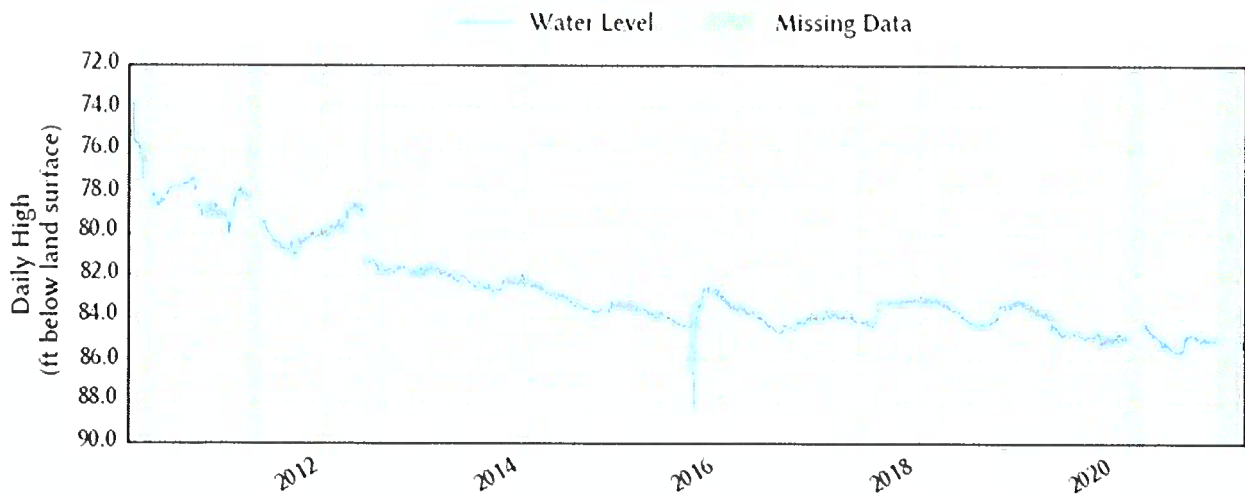
Last 30 Days



1 Year



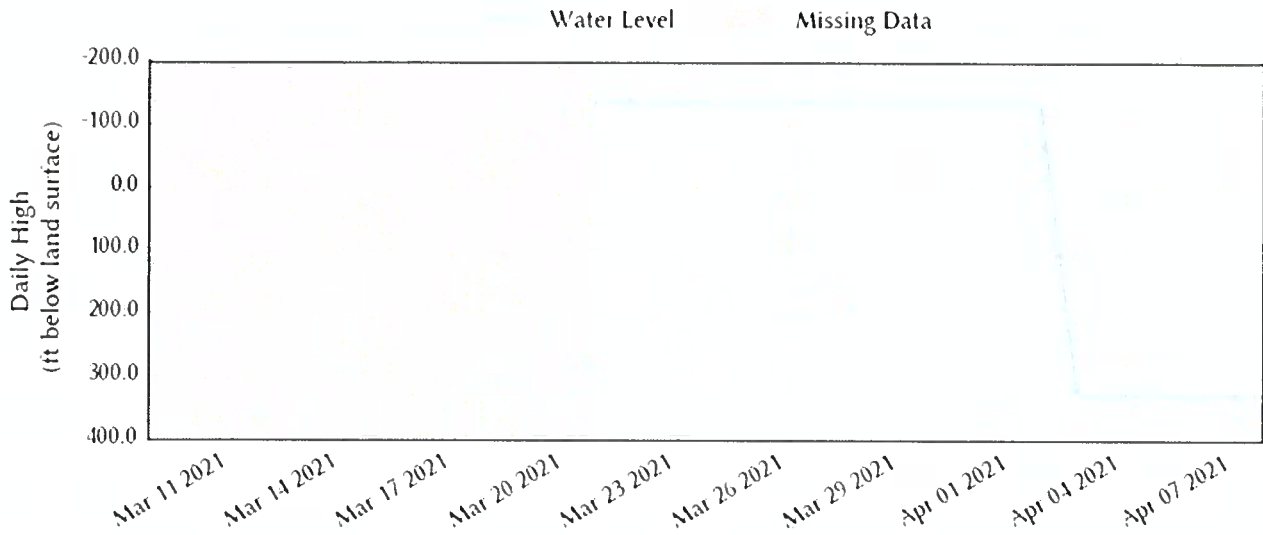
Period Of Record



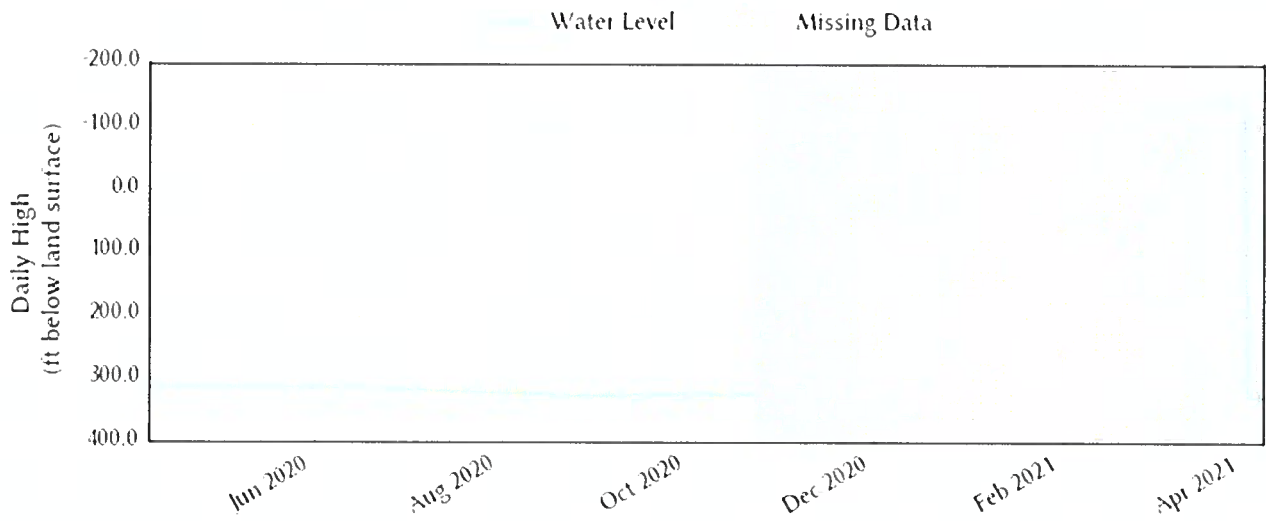
April 2021

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

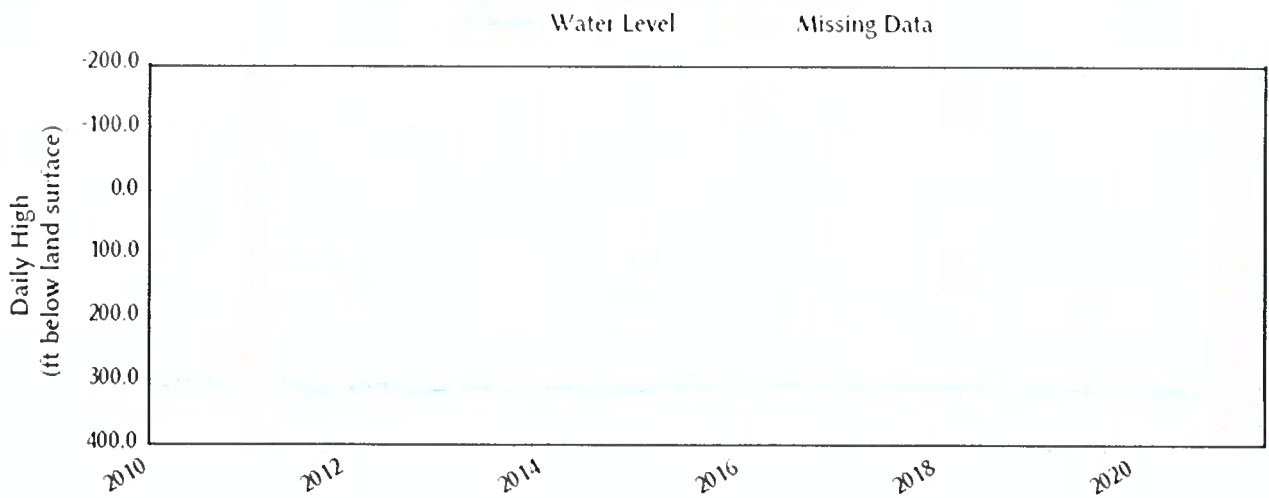
Last 30 Days



1 Year



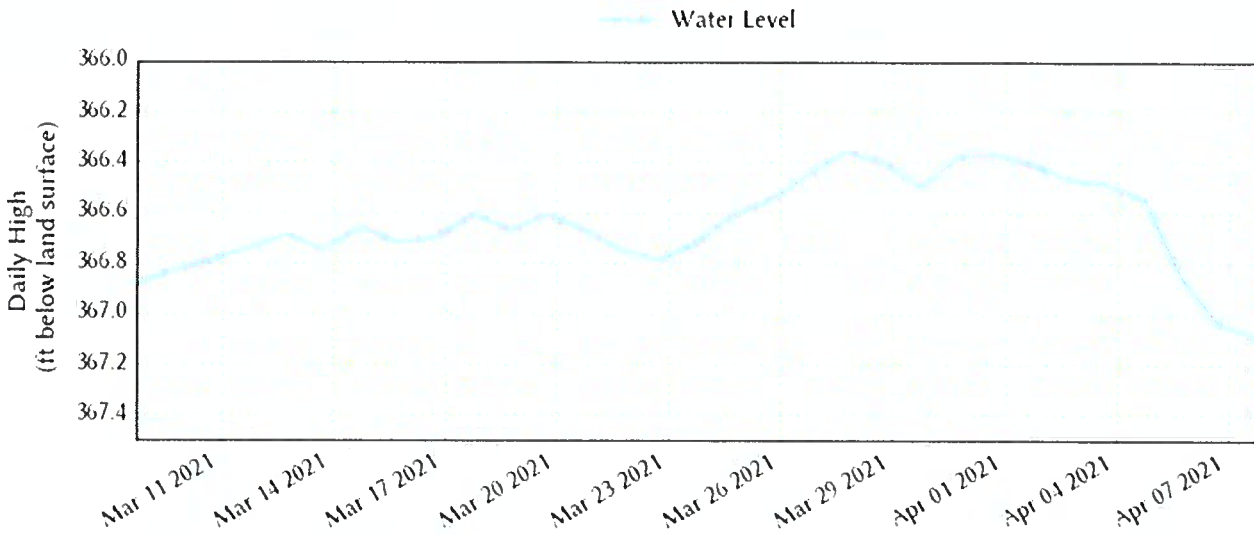
Period Of Record



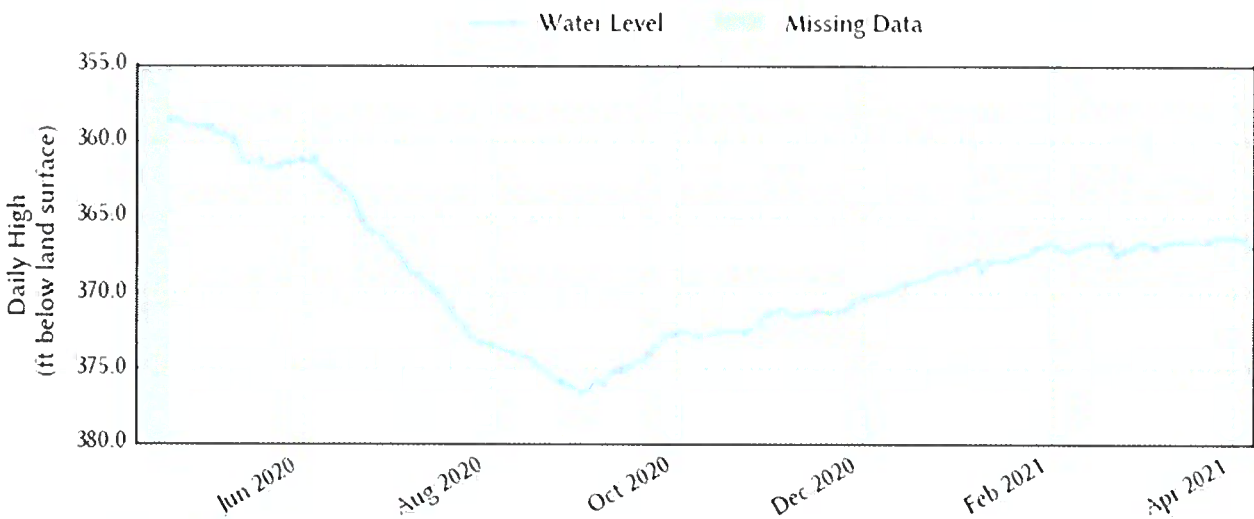
April 2021

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

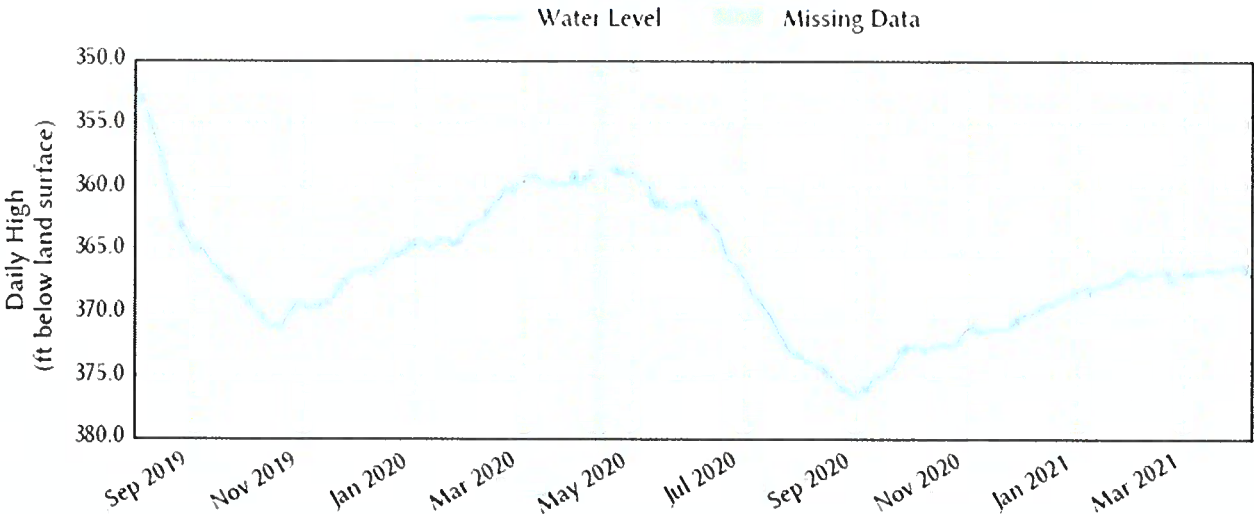
Last 30 Days



1 Year



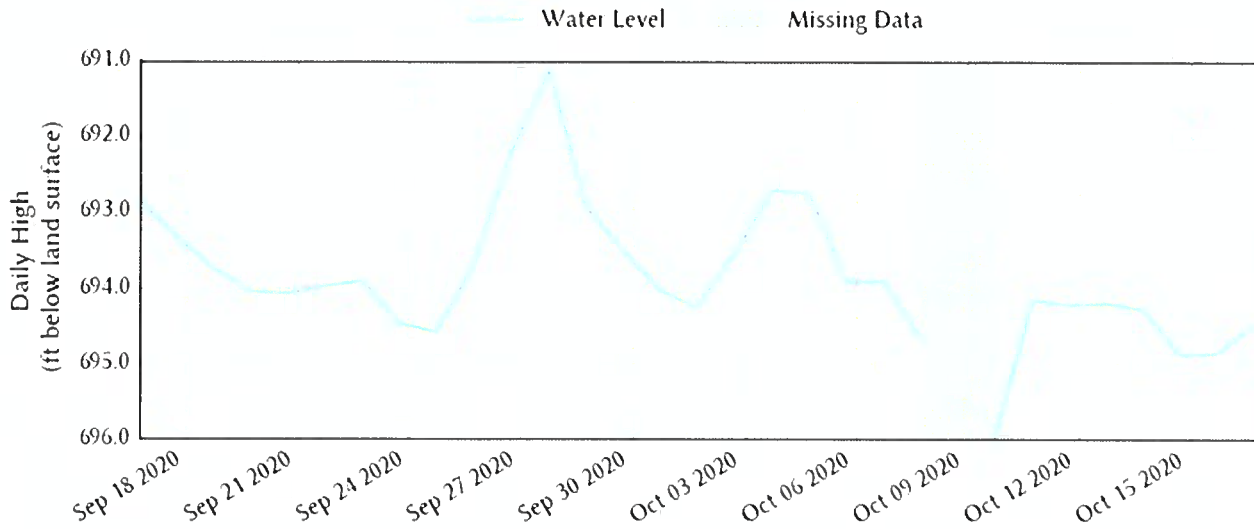
Period Of Record



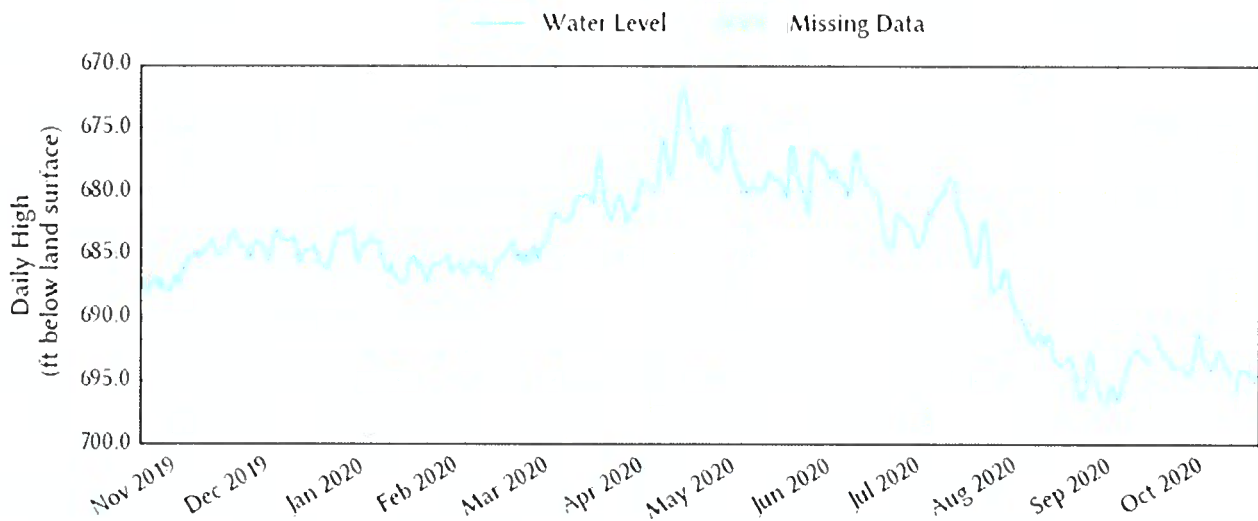
April 2021

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

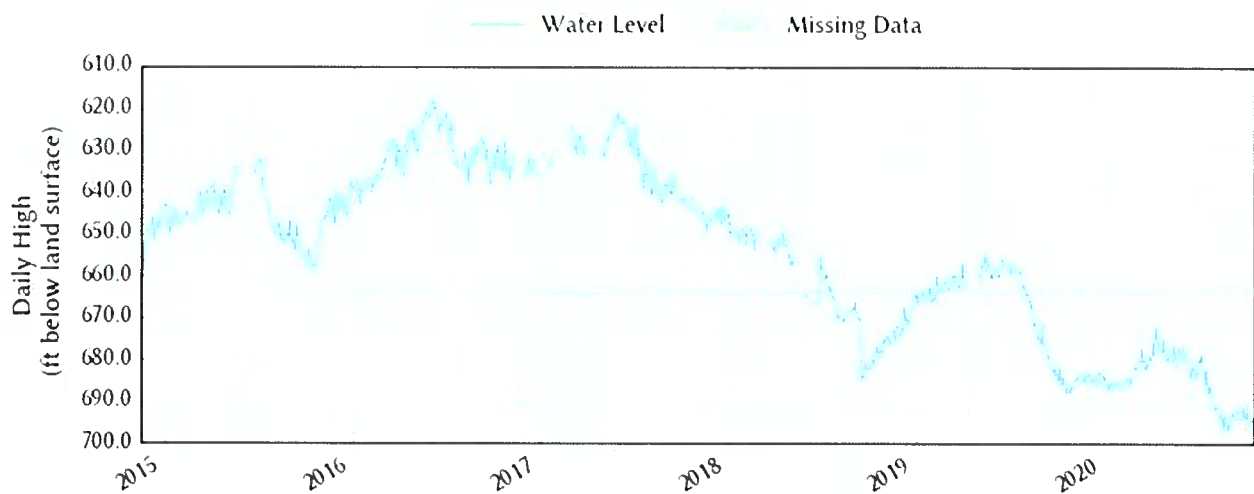
Last 30 Days



1 Year



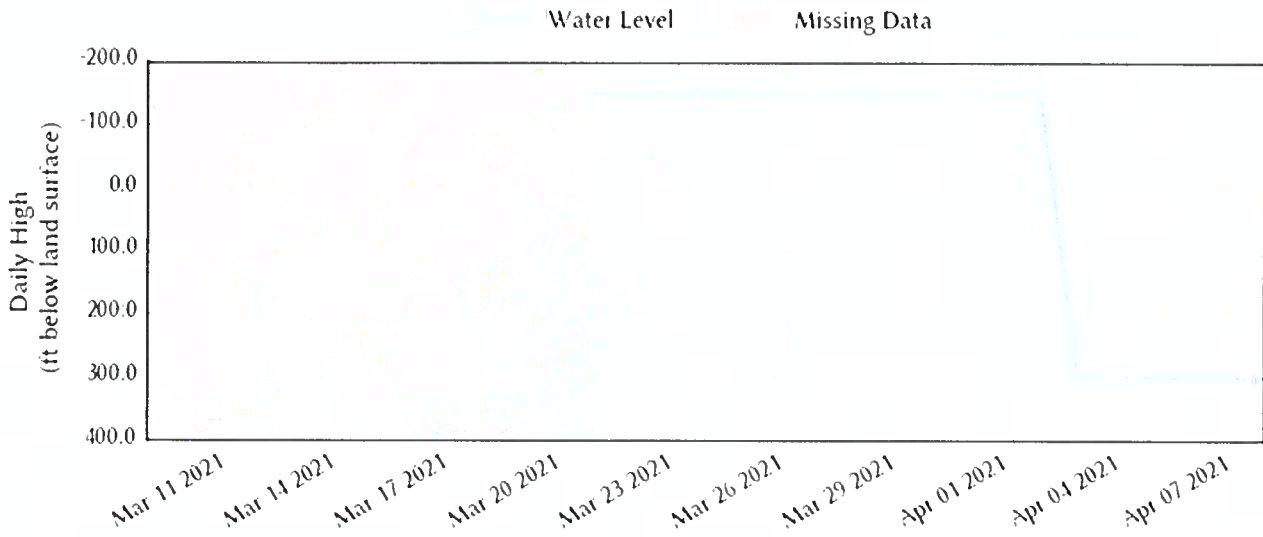
Period Of Record



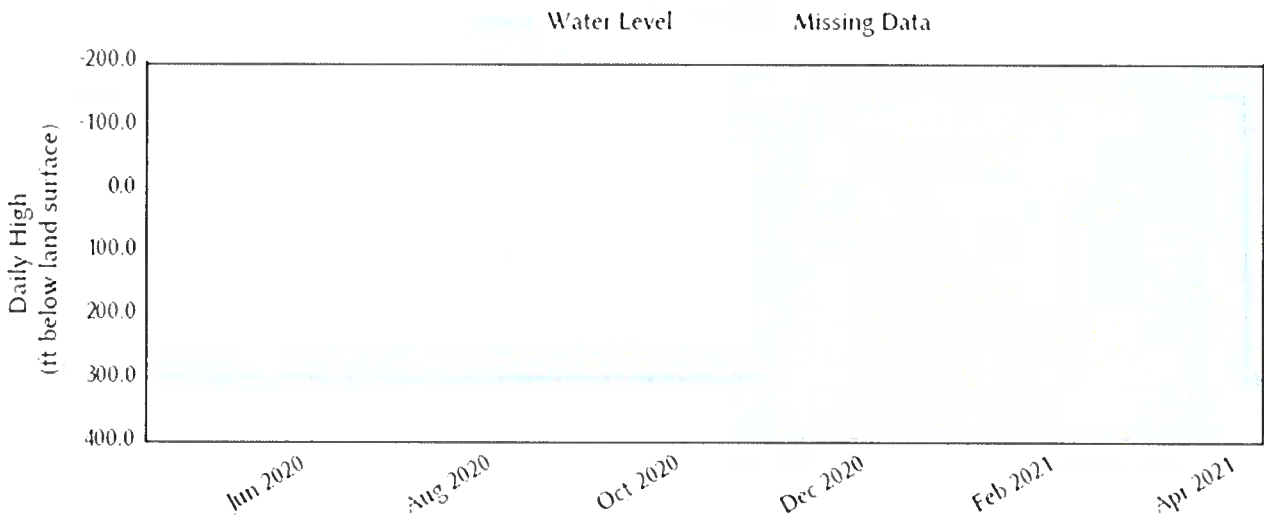
April 2021

**Continuous Monitoring Well # 4057602
(Copperas Cove)
Lower Trinity Aquifer**

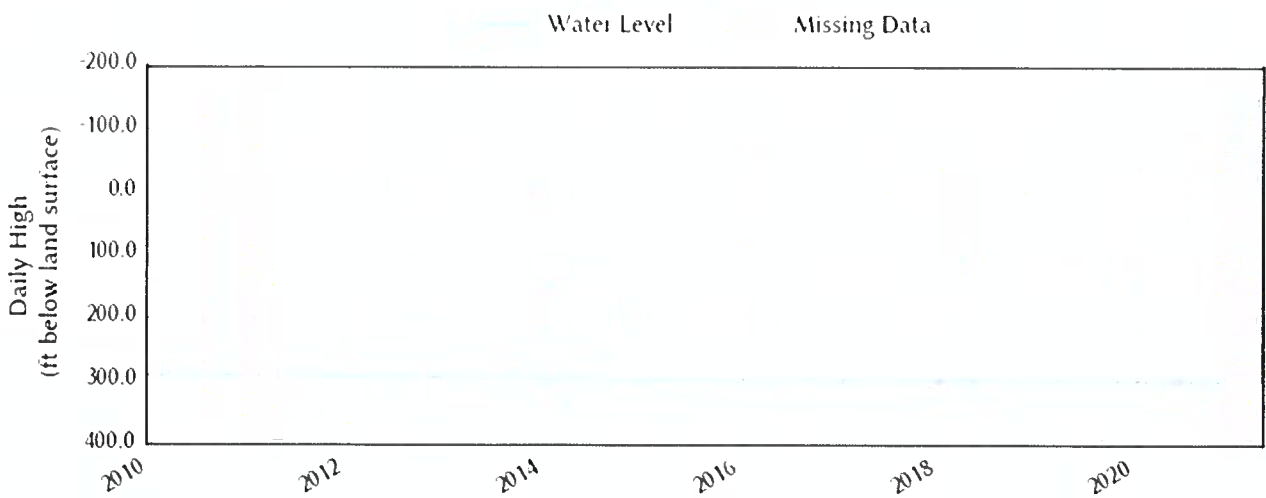
Last 30 Days



1 Year

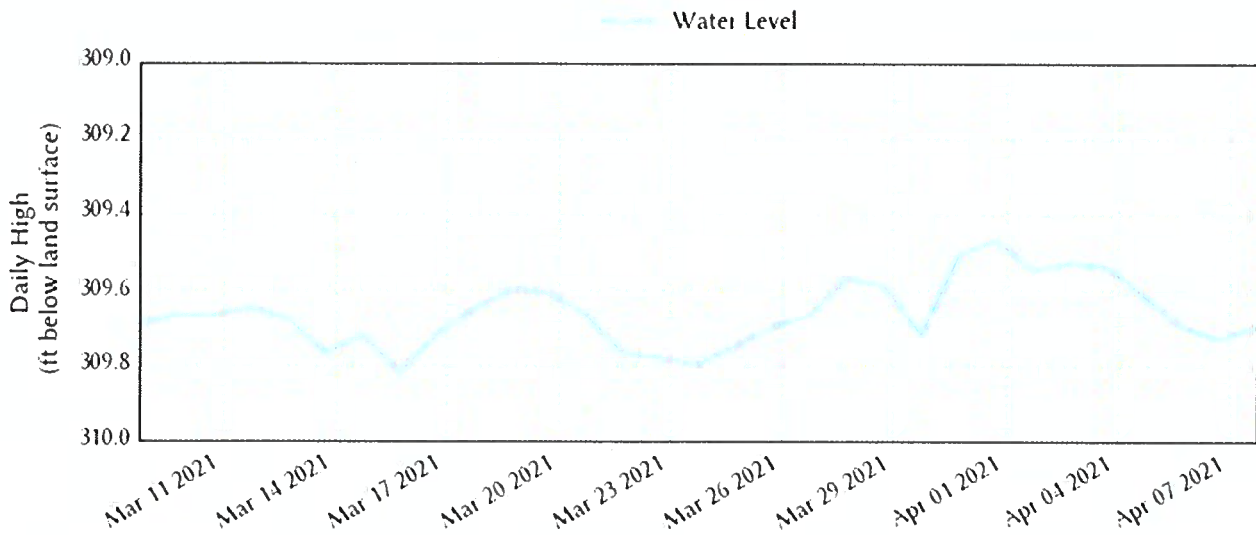


Period Of Record

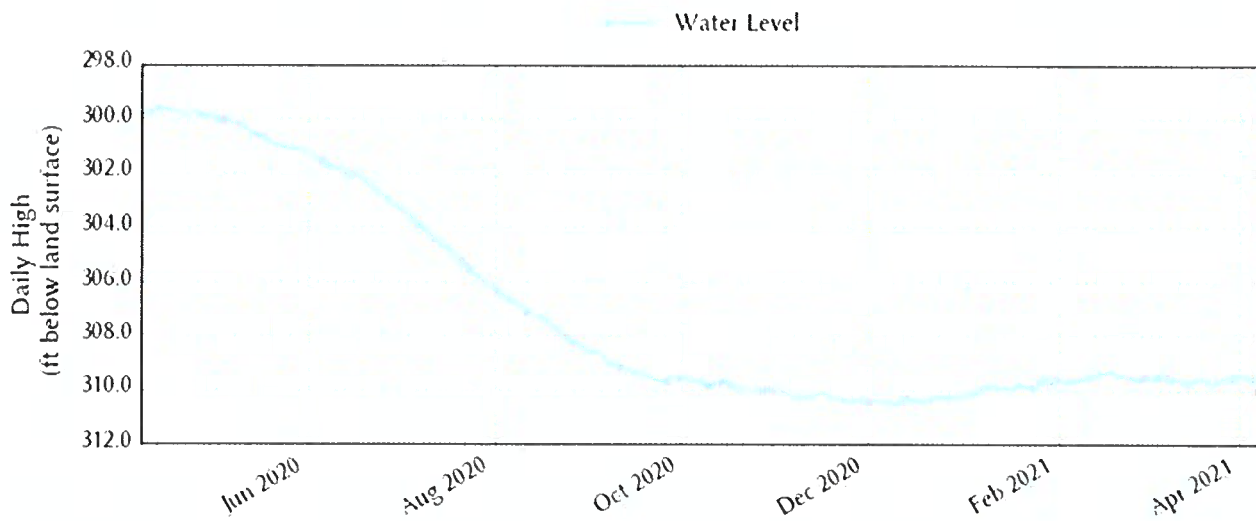


**Continuous Monitoring Well # 5802303
(Killeen - River Ridge Ranch Park Well #2)
Lower Trinity Aquifer**

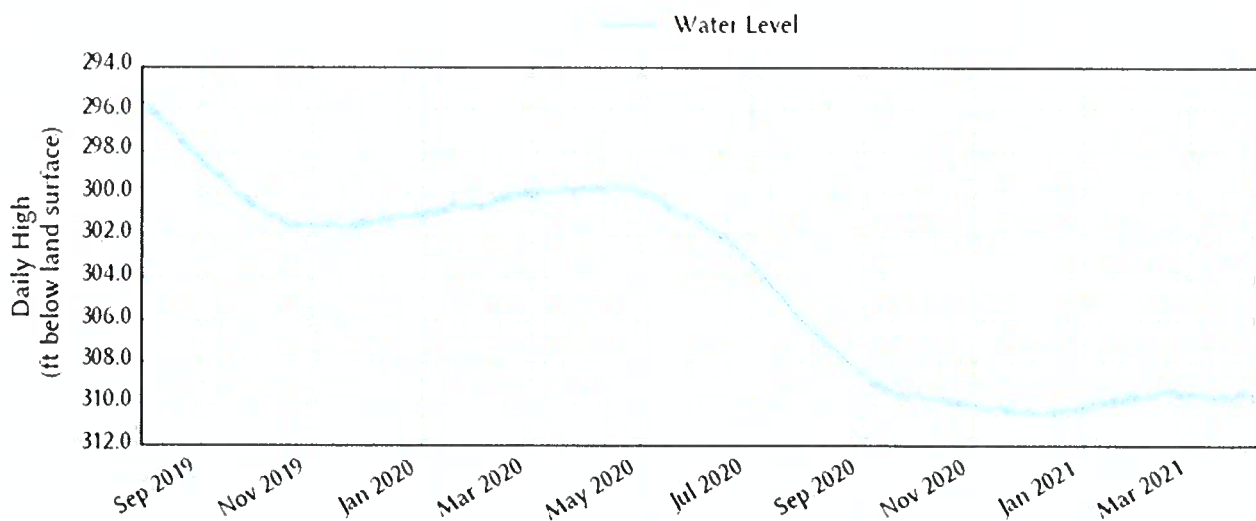
Last 30 Days



1 Year

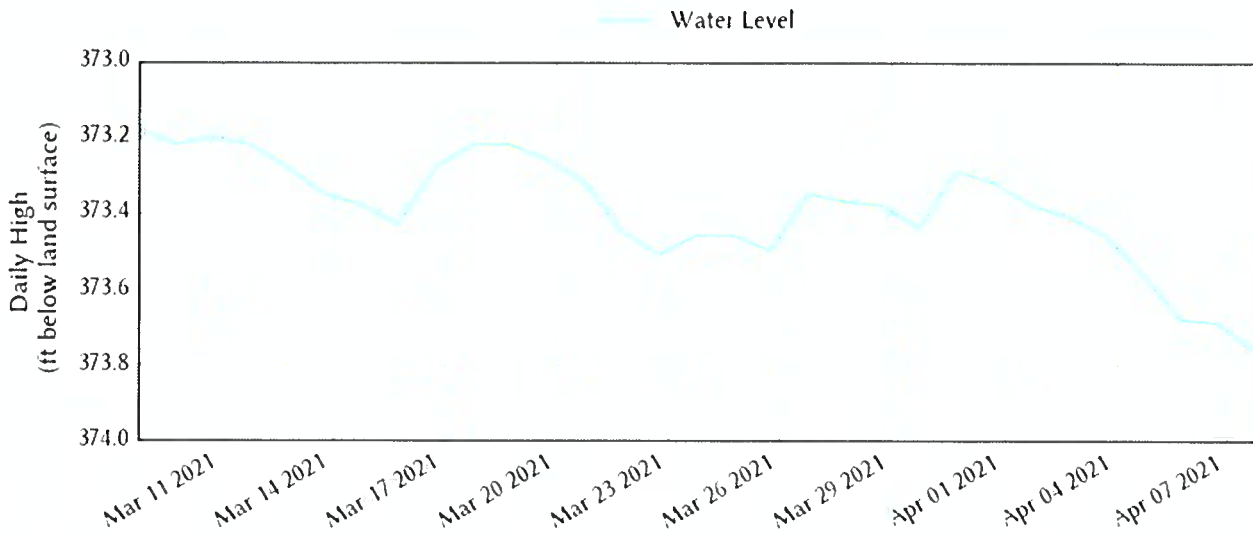


Period Of Record

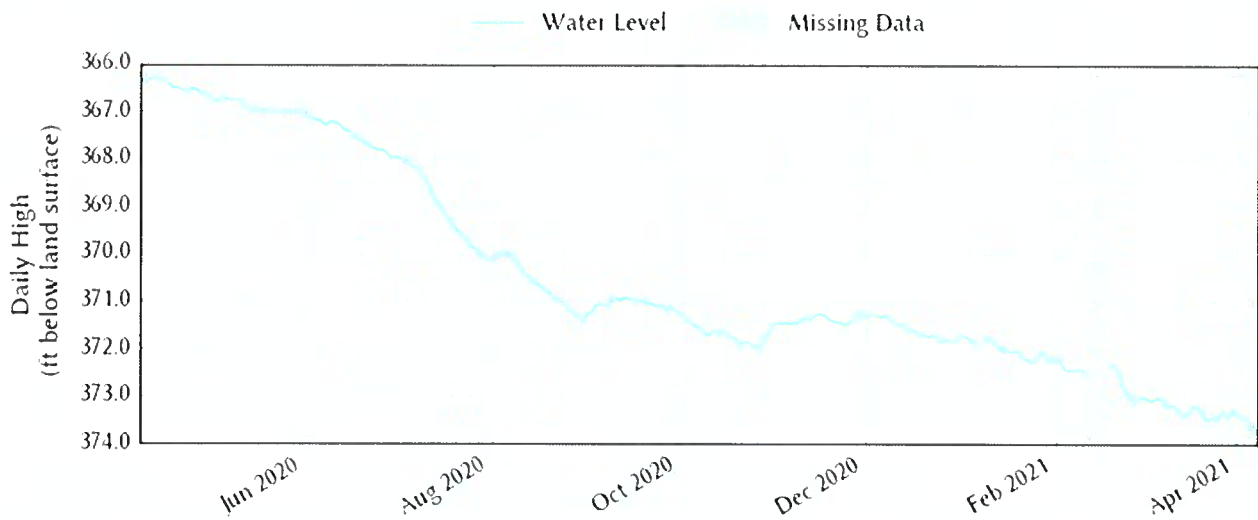


Continuous Monitoring Well # 4062501
(Temple - Acres Well)
Lower Trinity Aquifer

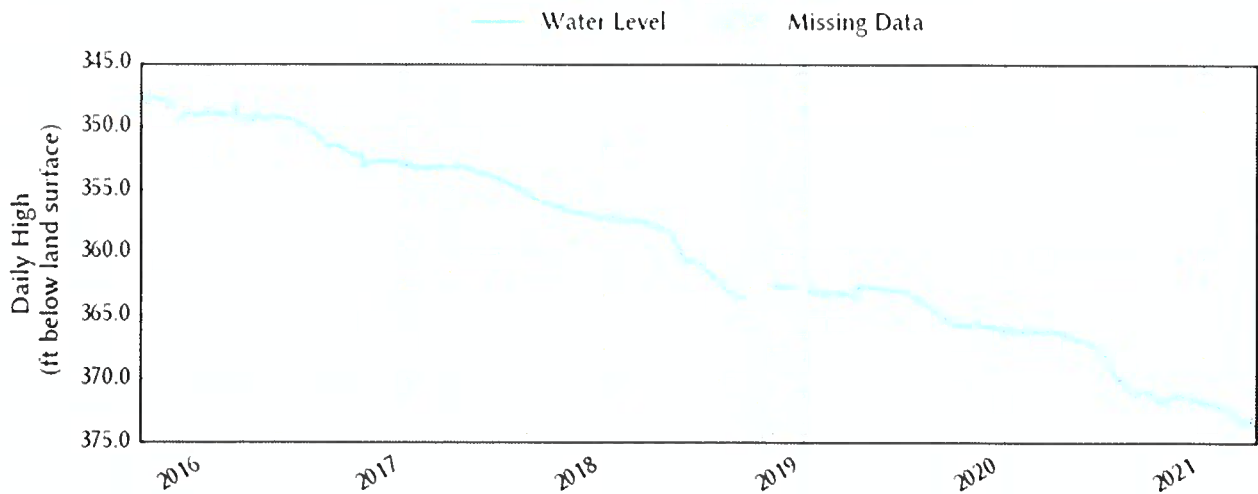
Last 30 Days



1 Year

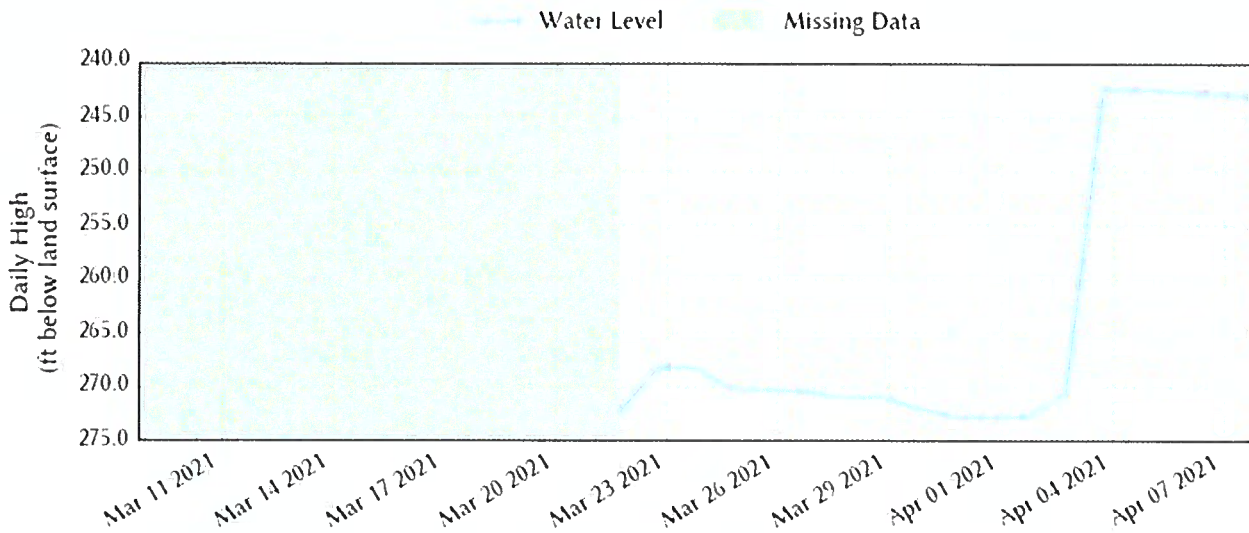


Period Of Record

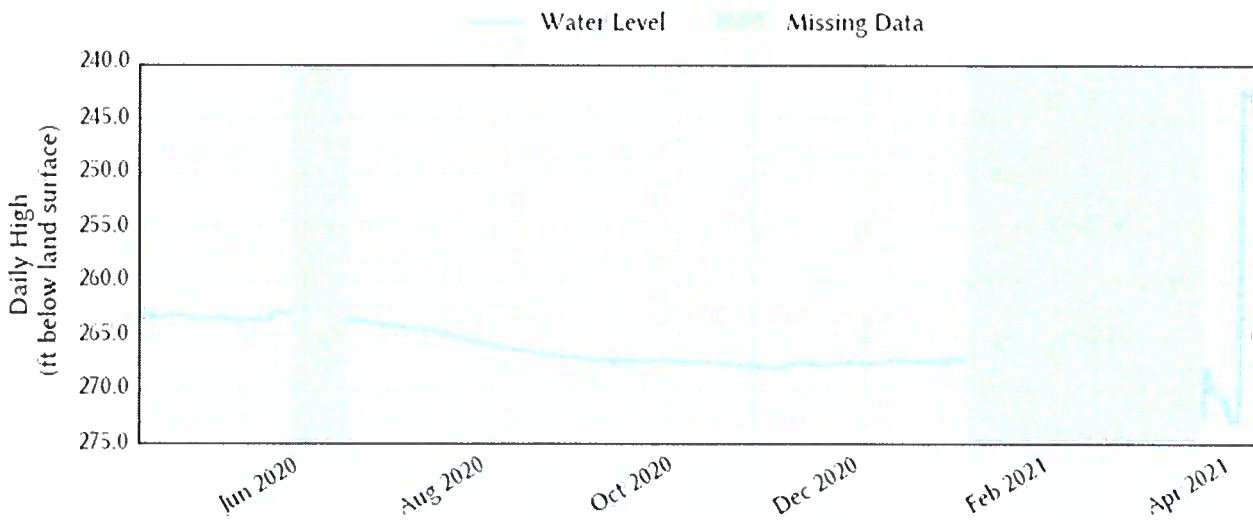


**Continuous Monitoring Well # 4061509
(Temple - Pea Ridge Well)
Lower Trinity Aquifer**

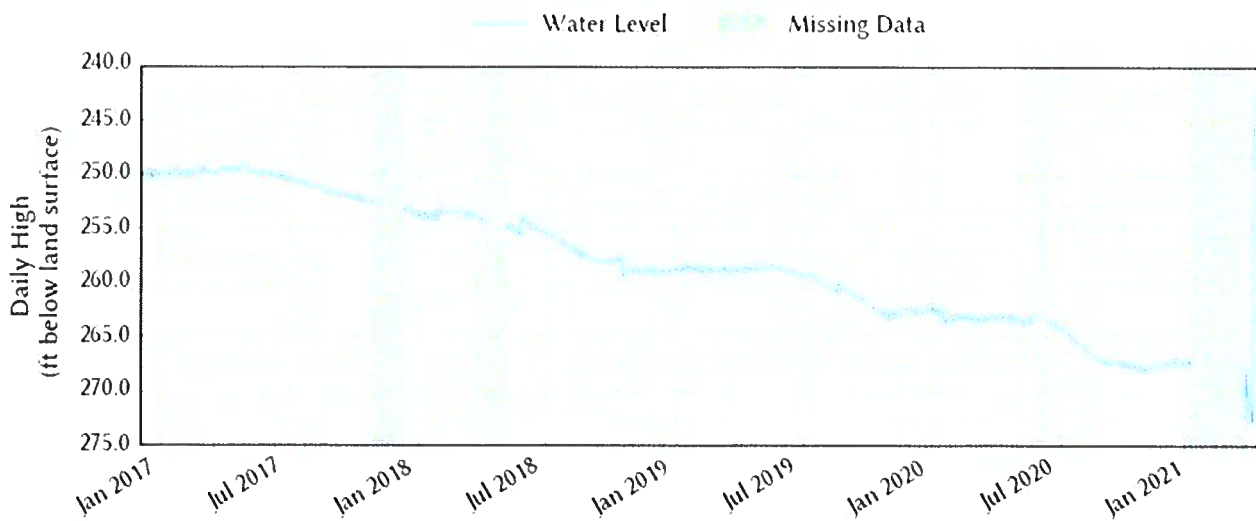
Last 30 Days



1 Year

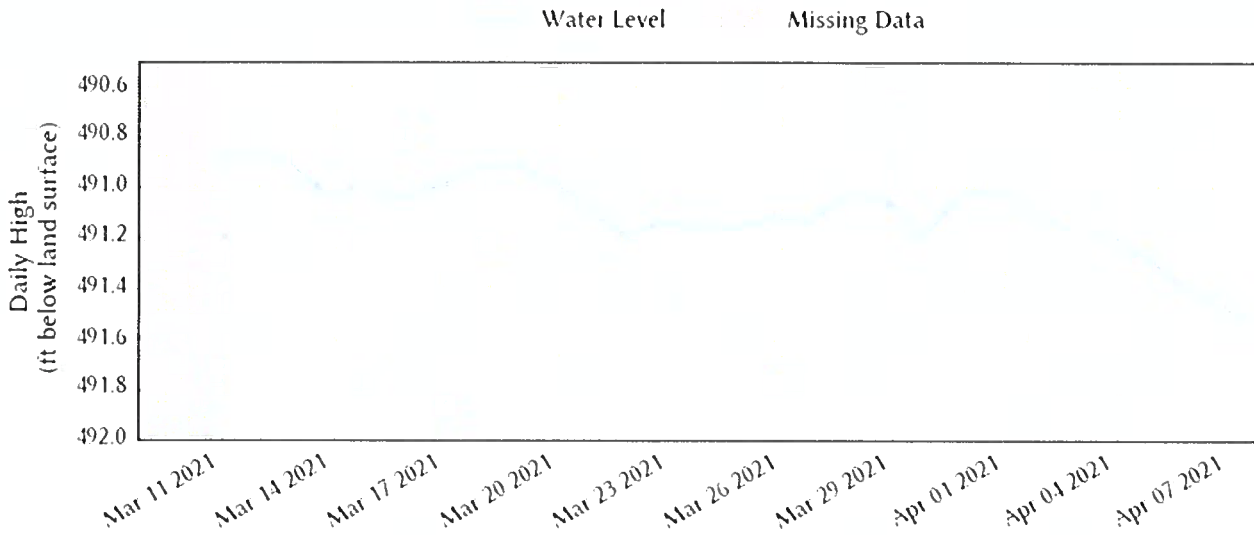


Period Of Record

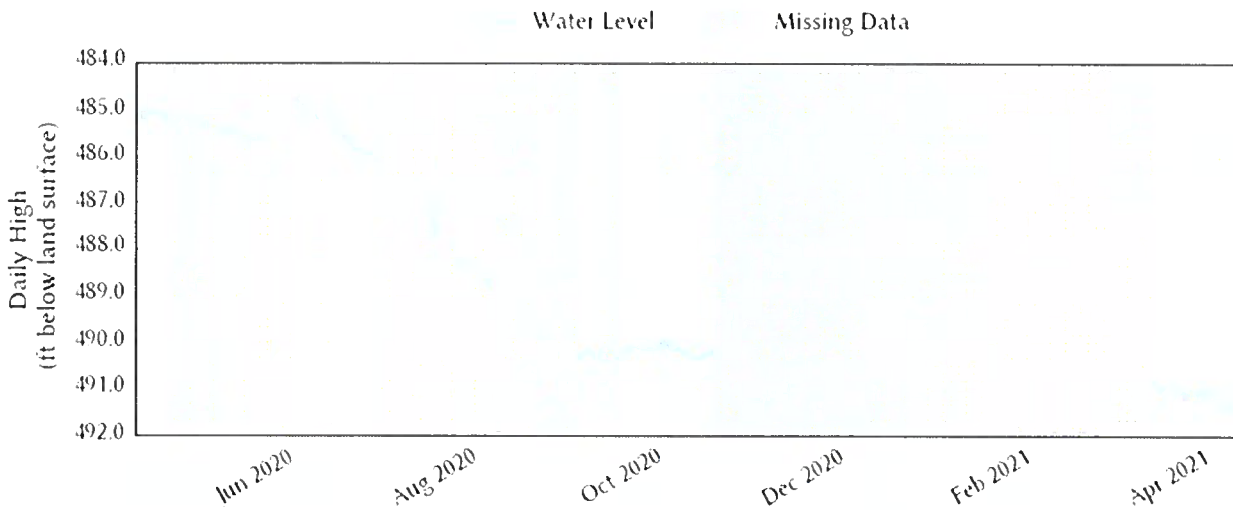


Continuous Monitoring Well # 4054701
(Temple - Cearley Well)
Lower Trinity Aquifer

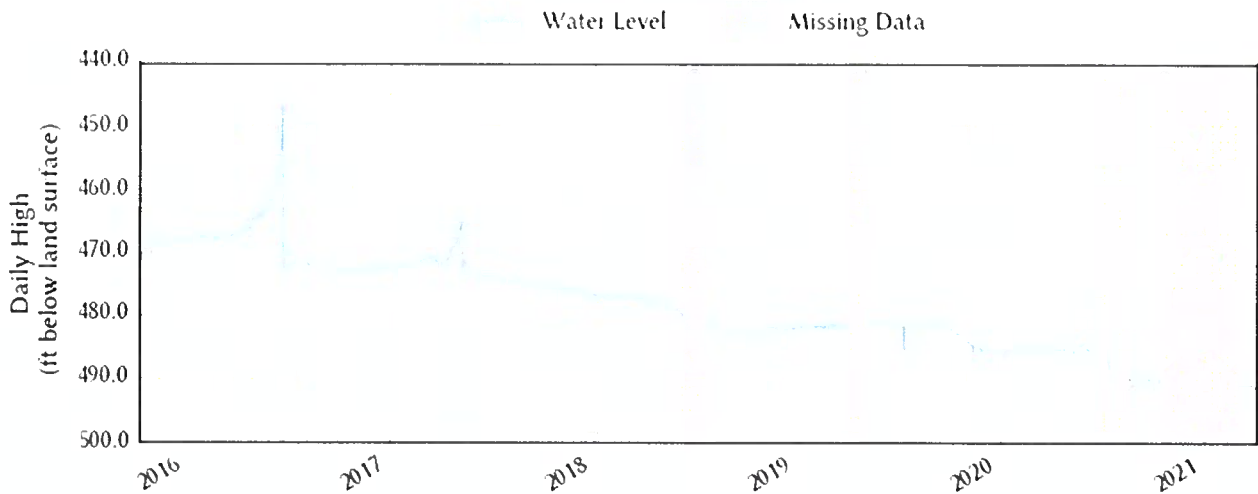
Last 30 Days



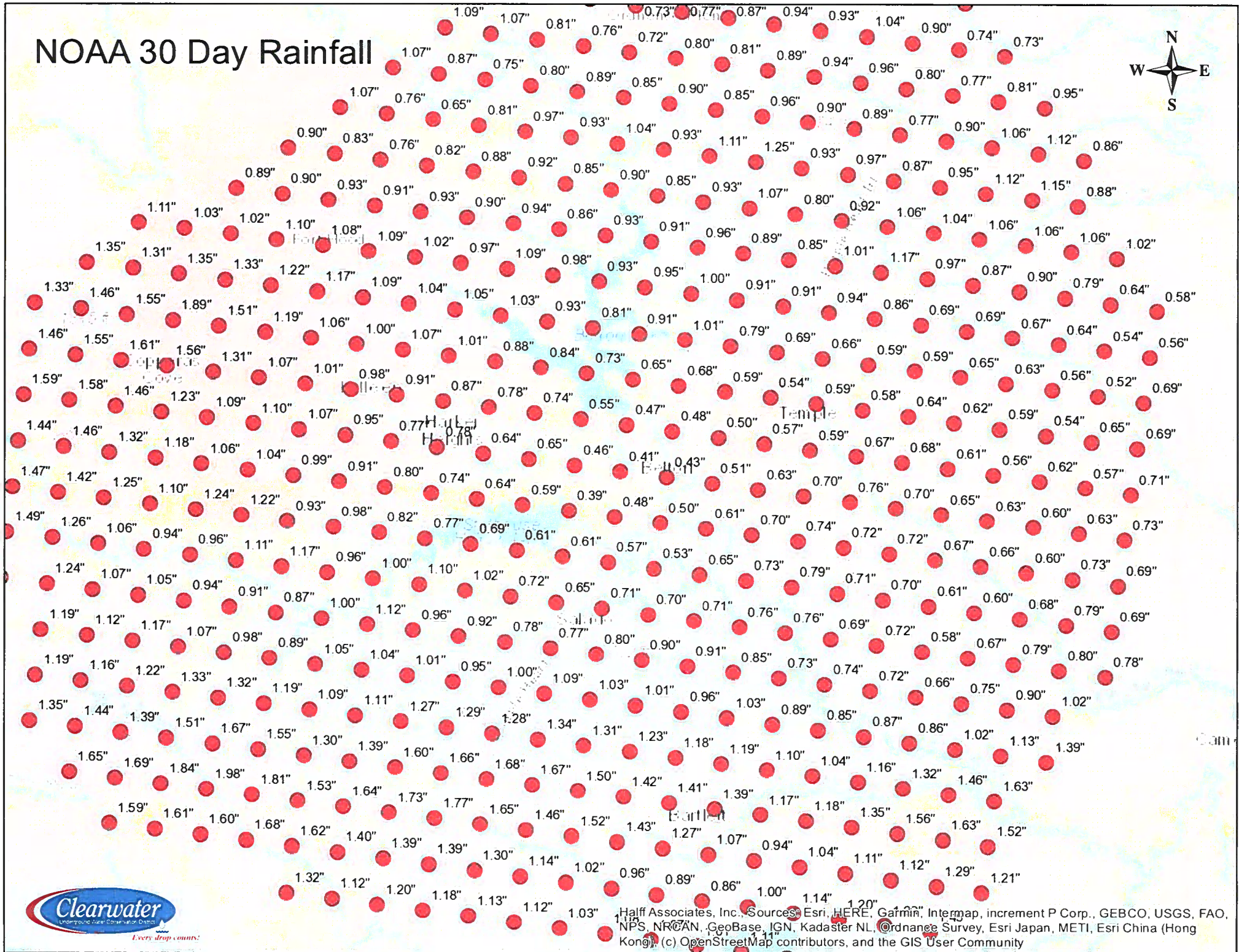
1 Year



Period Of Record

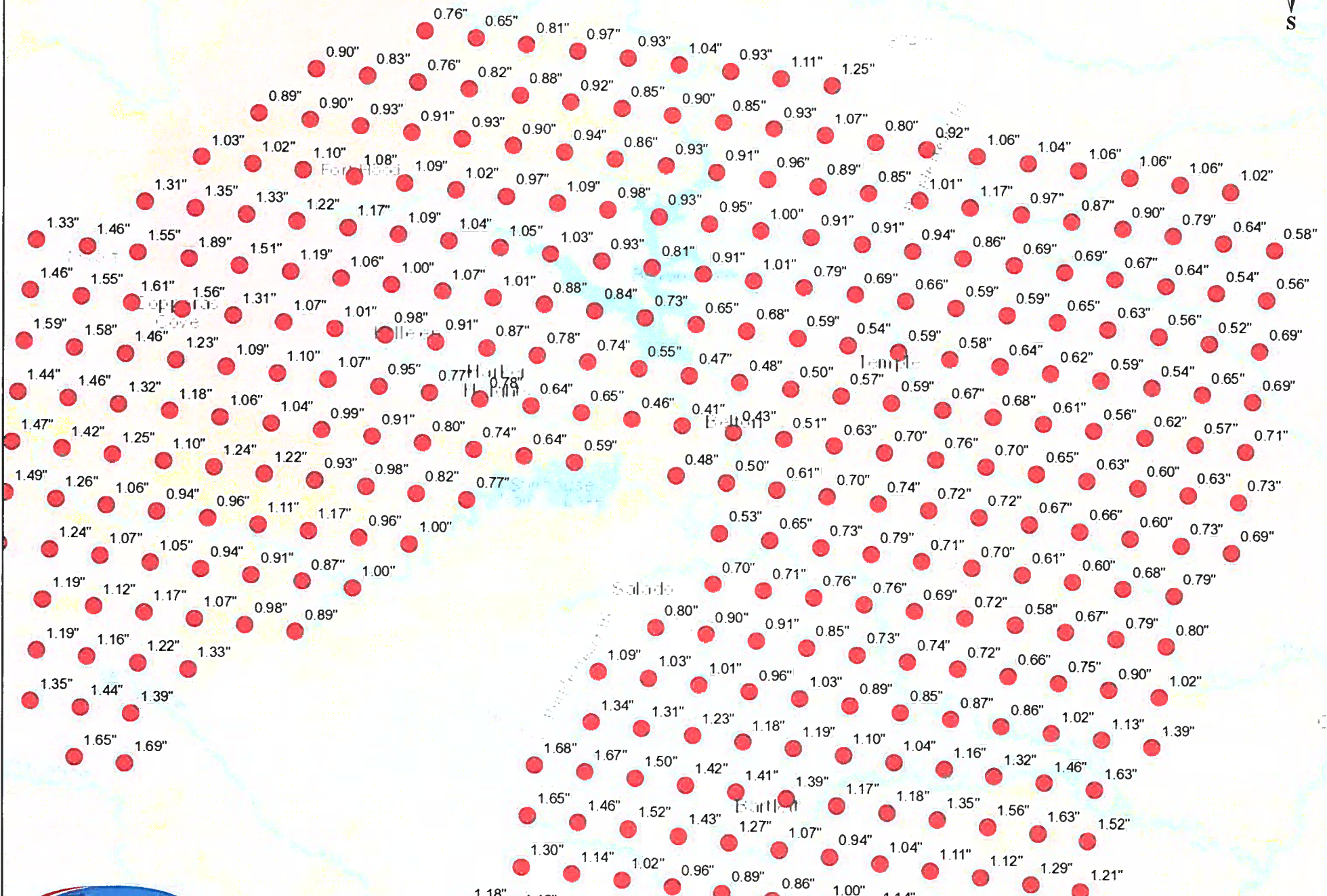


NOAA 30 Day Rainfall



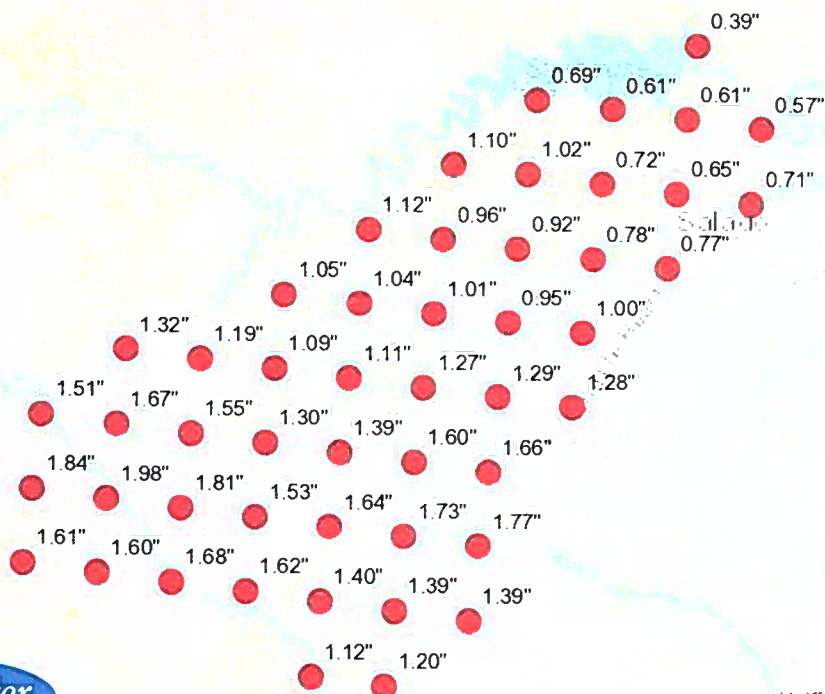
Half Associates, Inc., Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

NOAA 30 Day Rainfall - Trinity



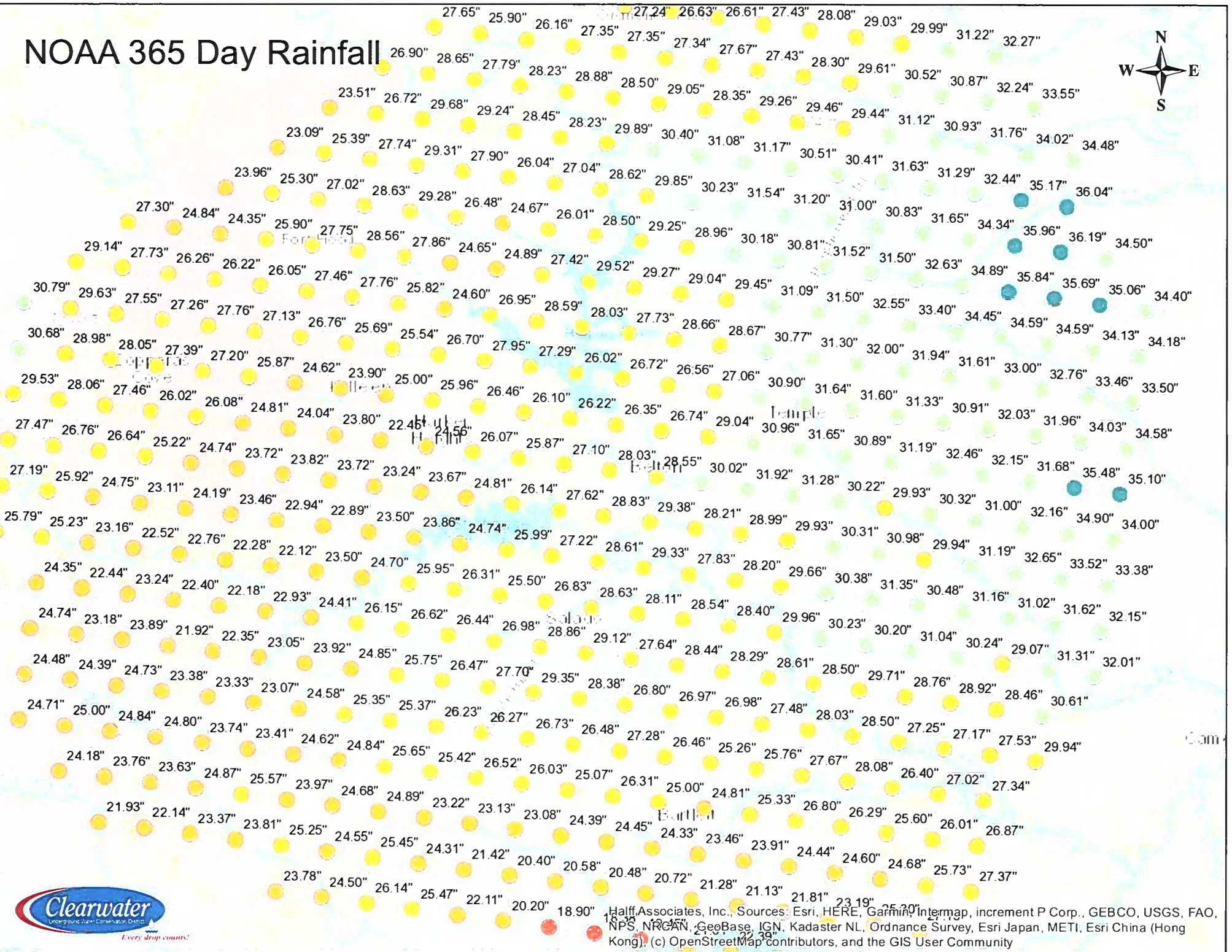
Half Associates, Inc., Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

NOAA 30 Day Rainfall - Edwards



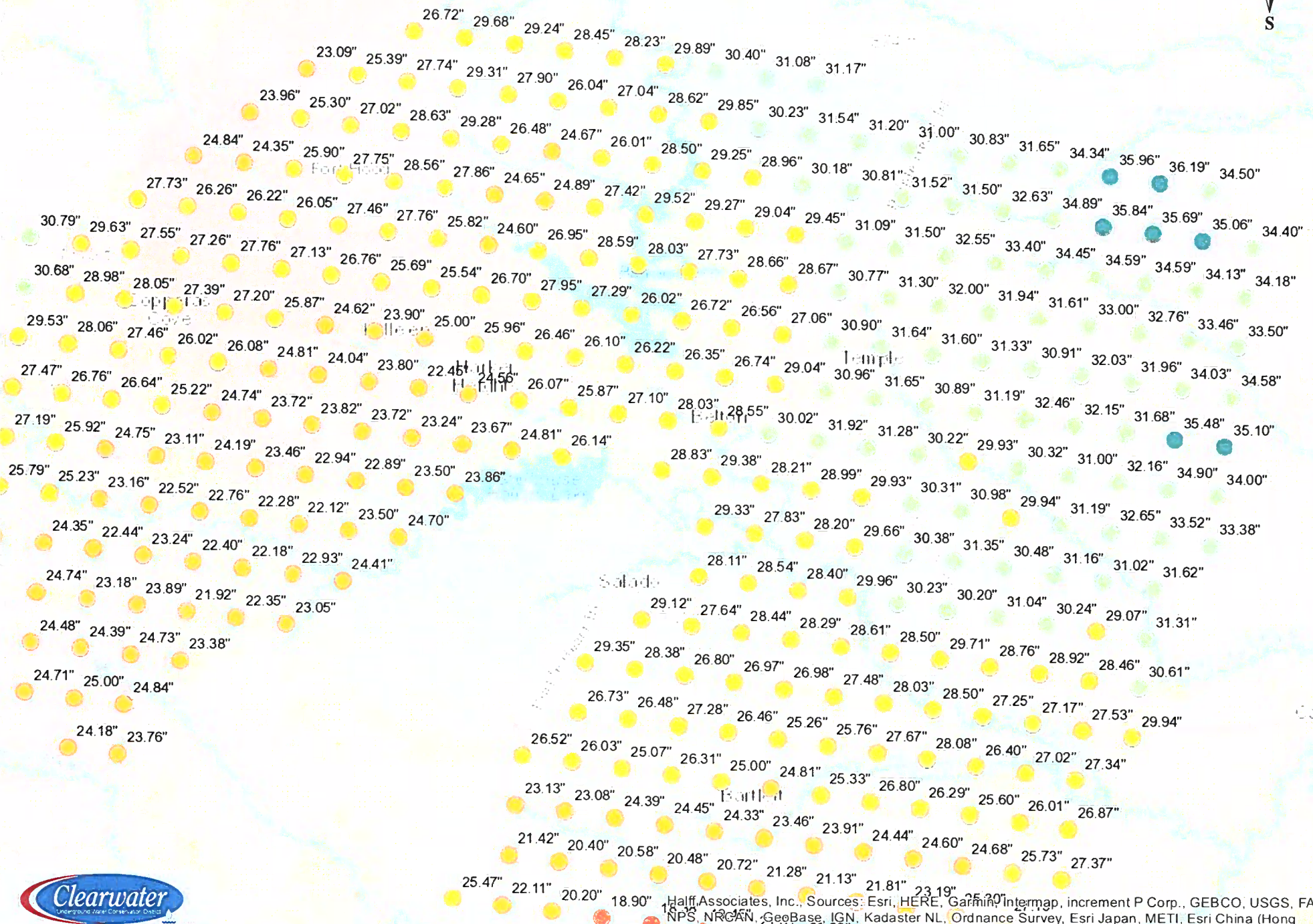
Half Associates, Inc., Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

NOAA 365 Day Rainfall



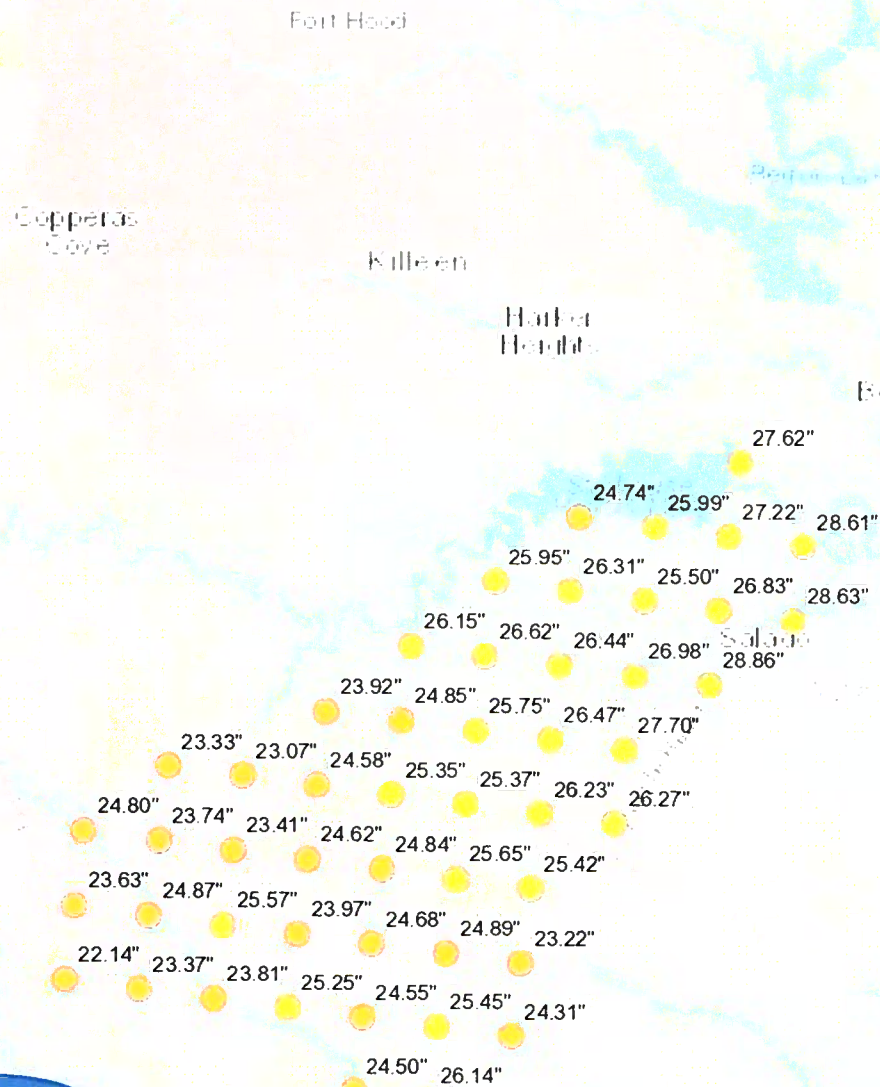
Half Associates, Inc., Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

NOAA 365 Day Rainfall - Trinity



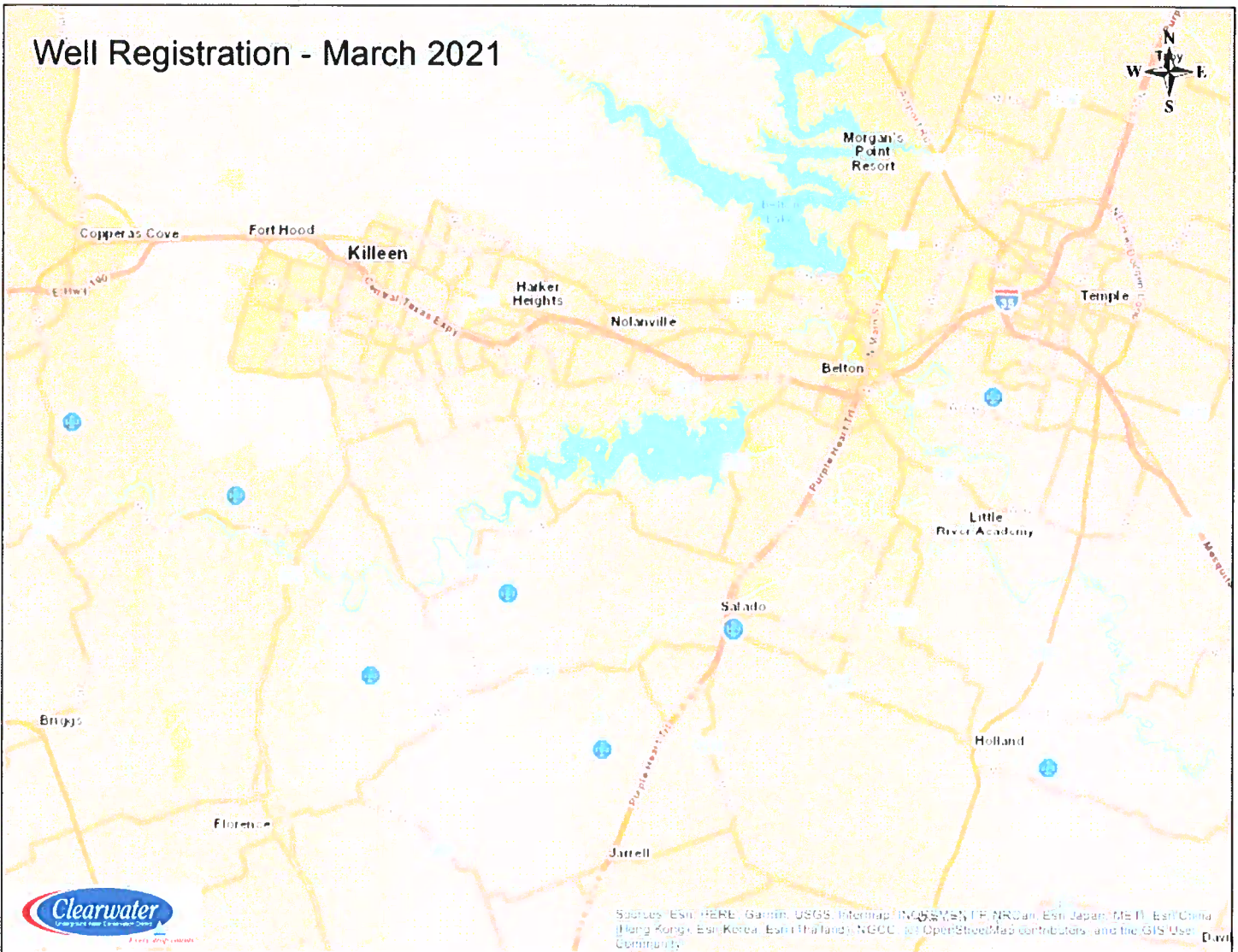
Half Associates, Inc., Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

NOAA 365 Day Rainfall - Edwards



Half Associates, Inc., Sources: Esri, HERE, Garmin, 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 - March 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-21-022GU	John and Emily Kuczek	15271 Maxdale Road	Killeen	Lower Trinity	630 ft	Domestic	Active
E-21-023GU	Dooce, CA & Company	105 E FM 2410	Harker Hgts	Alluvium	6 ft	Domestic	Plugged
E-21-024P	Tom McElhanev	22050 Hideout Trail	Florence	Undeclared	800 ft	Domestic	Proposed
E-21-025GU	Hanks-Cabiness Christian Trst	1101 S Bryant Blvd	San Angelo	Edwards (BFZ)	195 ft	Ag/Irrgtn	Inactive
E-21-026GU	Hanks-Cabiness Christian Trst	1101 S Bryant Blvd	San Angelo	Edwards (BFZ)	175 ft	Ag/Irrgtn	Inactive
E-21-027P	Kevin& Wendy Marsh	1324 Whitetail Ridge	Kempner	Undeclared	420 ft	Domestic	Proposed
E-21-028P	Helen Smith	14971 Crows Ranch Rd	Salado	Undeclared	840 ft	Domestic	Proposed
N1-21-001P	Kelly Carter	P.O. Box 339	Holland	Undeclared	50 ft	Domestic	Proposed
N2-21-001P	Victory Rock			Undeclared		Industrial	Proposed

Well Registration Totals

Year	Exempt Wells		Non-Exempt Wells			Monitor Wells		Total
	Grandfathered	New	Grandfathered	Class 1	Class 2	Water	Envr	
2002 - 2020	4424	1064	105	36	61	26	121	5837
2021 - Jan	1	14	0	0	0	0	0	15
Feb	4	5	0	0	0	0	0	9
Mar	4	3	0	1	1	0	0	9
Apr								0
May								0
June								0
July								0
Aug								0
Sep								0
Oct								0
Nov								0
Dec								0
Total 2021	9	22	0	1	1	0	0	33
Totals	4433	1086	105	37	62	26	121	5870

Adjustments

Adjustment Type	Exempt Wells		Non-Exempt Wells			Monitor Wells		Total
	Grandfathered	New	Grandfathered	Class 1	Class 2	Water	Envr	
2002-Present	4433	1086	105	37	62	26	121	5870
Never Drilled	N/A	-27	N/A	-3	-4	0	-1	-35
Plugged	-203	-42	-18	-2	-1	-2	-53	-321
Totals	4230	1017	87	32	57	24	67	5514