

Aquifer	Adopted DFC	DFC Period	Annual DFC	Current Trend	Current Status
Edwards BFZ	Minimum of 100 ac-ft/mo of Salado Spring Discharge	50 Years	N/A	0.19 ft/yr of Average Drawdown	
Upper Trinity	155 Feet of Average Drawdown		-3.1 ft/yr of Average Drawdown	-0.58 ft/yr of Average Drawdown	2.52 feet below DFC
Middle Trinity	286 Feet of Average Drawdown		-5.72 ft/yr of Average Drawdown	-0.7 ft/yr of Average Drawdown	5.02 feet below DFC
Lower Trinity	319 Feet of Average Drawdown		-6.38 ft/yr of Average Drawdown	-3.67 ft/yr of Average Drawdown	2.71 feet below DFC



Clearwater UWCD - Upper Trinity Monitor Wells

Staff measures wells quarterly in order to closely monitor the aquifer levels as part of our statutory responsibility. The Texas Water Development Board conducted some of the measurements, shown in red. The measurements in blue were taken by the Clearwater staff. The Texas Water Development Board provides information through publication of continuous monitoring data on the measurements of the TxDOT wells and an additional well in Salado, shown in red.

State #	40-57-902	40-57-903	40-58-201										
CUWCD #	E-02-721G	E-02-722G	E-02-804G	N2-09-006P									
Well Name	McCallum #1	McCallum #2	Dobson	CTC Campus									
Highest	-132.42	-131.92	-306.15	-77.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lowest	-173.83	-174.07	-386.05	-87.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nov-06	-143.33	-143.25											
Jan-07	-145.50	-145.00	-335.75										
Jul-07	-132.42	-131.92	-324.50										
Jan-08	-135.67	-135.17	-328.71										
Jul-08	-153.00	-152.25	-338.92										
Jan-09	-146.59	-145.83	-356.42										
Jul-09	-160.84	-160.25	-359.83										
Jan-10	-153.27	-152.83	-381.65	-87.59									
Jul-10	-151.83	-152.07		-77.83									
Jan-11	-150.90	-150.80	-382.40	-79.64									
Jul-11	-168.03	-166.50	-375.31	-80.53									
Sep-11	-171.33	-171.67	-385.35	-81.01									
Nov-11	-165.03	-165.10	-381.65	-80.28									
Jan-12	-157.73	-158.07	-378.05	-79.72									
May-12	-157.63	-158.37	-376.65	-78.99									
Jan-13	-156.23	-158.07	-374.40	-81.66									
May-13	-162.03	-162.07	-386.05	-82.13									
Aug-13	-173.83	-174.07	-307.15	-82.70									
Nov-13	-160.43	-160.77	-306.45	-82.35									
Feb-14	-158.03	-158.47	-306.75	-82.68									
May-14	-164.17	-163.73	-309.05	-83.07									
Aug-14	-170.93	-168.47	-309.15	-83.56									
Nov-14	-166.28	-167.37	-308.48	-83.42									
Jan-15	-158.83	-159.17	-306.15	-83.54									
Jun-15	-154.43	-154.97	-307.15	-83.92									
Sep-15	-169.07	-168.73	-309.85	-83.43									
Nov-15	-156.73	-157.27	-306.15	-82.72									
Since Last	12.34	11.46	3.70	0.71	0.00	0.00	0.00			0.00			
Historic	-13.40	-14.02	29.60	4.87									

E-line Measurement
Sonic Measurement
TWDB Measurement
No Reading Available

*The desired future conditions established by Clearwater Underground Water Conservation District for the Upper Trinity is no more than 155 feet of drawdown after 50 years.
The average drawdown goal per year is -3.1 feet.*

Minimum Number of Measurements: 5

Average Drawdown	-0.58 ft/yr
Drawdown of Water Level	
Increase of Water Level	



Clearwater UWCD - Middle Trinity Monitor Wells

Staff measures wells quarterly in order to closely monitor the aquifer levels as part of our statutory responsibility. The Texas Water Development Board conducted some of the measurements, shown in red. The measurements in blue were taken by the Clearwater staff. The Texas Water Development Board provides information through publication of continuous monitoring data on the measurements of the TxDOT wells and an additional well in Salado, shown in red.

State #	58-04-104	58-02-103	40-58-903	58-03-503	58-05-901	40-57-601	58-02-302	58-03-504	58-02-901	58-04-405	58-04-514	58-04-407	58-04-406	58-03-701	N2-11-003G	N2-04-001P	N2-08-002P	E-14.053P	E-07-001P
CUWCD #	E-08-005P	E-02-1299G	E-06-063G	N2-07-003G	N2-02-013G	N2-09-007P	N2-05-010G	E-10-003P	M-13-001P	E-05-083P	E-02-1409G	E-02-1407G	E-02-1406G	M-14-002P	UMHB	Strike Zone	Salado ISD	Pedigo	Brooks
Well Name	Stephenson	Mayer	Tex Vet	Crushed Stone	Holland	Copperas Cove	River Ridge	Christian	Stillman	Murphy	H.Spring Park	Reavis	H. Springs	Gault Site #2					
Highest	-369.54	-162.49	-361.40	-344.42	1.20	-295.47	-219.33	-557.40	-467.50	-282.63	-323.35	-388.60	-385.00	-630.00	-315.10	-323.20	-320.80	-413.60	-660.20
Lowest	-433.63	-266.45	-442.33	-451.20	-56.00	-319.94	-344.72	-586.40	-482.40	-417.44	-364.65	-426.40	-422.60	-655.90	-328.10	-334.70	-339.30	-438.00	-679.60
Jan-06		-200.62			-25.96														
Jul-06		-227.18			-28.30														
Sep-06		-208.70			-27.96														
Oct-06		-209.86			-21.46														
Nov-06		-187.91	-399.41		-27.13		-219.33			-313.83									
Jan-07		-183.29	-375.25		-26.10		-266.88			-282.63									
Jul-07		-217.94	-379.58		-27.04		-256.25			-288.42									
Jan-08		-204.08	-382.50	-344.42	-28.80		-261.92			-291.92									
Jul-08		-229.49	-442.33	-376.17	-30.79		-280.17			-334.42									
Jan-09	-369.54	-266.45	-389.58	-377.92	-34.04		-284.25			-323.76									
Jul-09	-378.46	-201.77	-370.17	-377.25	-36.63		-293.58			-368.58									
Jan-10	-372.54	-241.04	-362.93	-383.50	-36.63	-306.94	-281.48			-326.54									
Jul-10	-378.38	-192.53	-378.53	-375.55	-38.83	-295.47	-287.33			-345.24									
Jan-11	-381.23	-185.60	-380.93	-381.23	-39.90	-308.10	-286.78			-335.00									
Jul-11	-405.56	-197.15	-362.35	-414.48	-41.13	-313.40	-312.02			-403.38									
Sep-11	-412.08	-204.08	-362.18	-424.33	-41.73	-319.94	-325.18			-404.70									
Nov-11	-413.38	-204.80	-364.70	-416.48	-42.13	-316.65	-319.40			-386.04									
Jan-12	-403.38	-199.46	-362.73	-409.97	-43.13	-311.90	-308.38			-357.34									
May-12	-399.68	-201.77	-362.33	-404.97	-44.13	-309.74	-304.18			-376.80									
Jan-13	-401.58	-204.28	-361.40	-406.98	-42.10	-312.56	-303.08			-370.60									
May-13	-412.28	-206.39	-367.53	-422.08	-50.40	-311.45	-312.78	-557.40	-479.00	-388.94									
Aug-13	-423.28	-216.78	-371.53	-431.48	-50.00	-317.87	-325.18	-570.20	-481.20	-417.44	-364.65	-426.40	-422.60						
Nov-13	-422.78	-209.85	-371.13	-432.18	-51.30	-314.73	-326.88	-574.40	-475.00	-386.24	-336.35	-396.10	-392.20						
Feb-14	-417.18	-172.89	-370.23	-439.28	-51.30	-311.78	-321.88	-567.80	-467.50	-374.84	-323.35	-388.80	-385.00	-630.00					
May-14	-418.93		-375.07	-441.33	-56.00	-313.33	-331.62	-574.70	-476.30	-390.46	-335.65	-407.80	-403.20	-645.00					
Aug-14	-426.63	-219.09	-375.17	-446.93	-55.30	-314.87	-338.32	-583.20	-479.70	-412.16	-352.35	-415.40	-410.90	-655.90					
Nov-14	-433.63	-216.80	-377.57	-447.63	-55.40	-316.99	-344.72	-586.40	-482.40	-406.66	-349.25	-417.40	-412.40	-650.98	-328.10	-334.70	-339.30	-414.60	-679.00
Jan-15	-421.68	-213.18	-372.33	-445.93	-45.00	-312.52	-329.28	-570.70	-470.90	-375.64	-324.75	-390.80	-387.20	-648.91	-319.70	-329.00	-321.80	-413.60	-666.20
Jun-15	-416.58	-162.49	-372.83	-428.68	-36.80	-307.36	-321.68	-565.30	-467.90	-377.24	-324.45	-388.60	-385.30	-630.83	-315.10	-326.40	-320.80	-413.60	-660.20
Sep-15	-430.10		-377.37	-451.20	-35.90	-314.51	-343.02	-584.80	-481.30	-411.66	-352.65	-416.70	-412.70	-652.11	-328.10	-333.20	-337.60	-438.00	-679.60
Nov-15	-424.68		-373.63	-436.58	-23.20	-313.26	-334.48	-573.10	-475.60	-378.34	-327.65	-392.20	-388.60	-642.10	-315.10	-323.20	-326.20		-664.80
Since Last	5.42	50.69	3.74	14.62	12.70	1.25	8.54	11.70	5.70	33.32	25.00	24.50	24.10	10.01	13.00	10.00	11.40	-24.40	14.80
Historic	-55.14	19.61	25.78	-92.16	-24.40	-6.32	-115.15	-15.70	3.40	-64.51	37.00	34.20	34.00	-12.10	13.00	11.50	13.10	-23.40	14.20

- E-line Measurement
- Sonic Measurement
- TWDB Measurement
- Air line Measurement
- No Reading Available

The desired future conditions established by Clearwater Underground Water Conservation District for the Middle Trinity is no more than 286 feet of drawdown after 50 years.
The average drawdown goal per year is -5.72 feet.

Minimum Number of Measurements: 5

Average Drawdown -0.7 ft/yr

Drawdown of Water Level

Increase of Water Level



Clearwater UWCD - Lower Trinity Monitor Wells

Staff measures wells quarterly in order to closely monitor the aquifer levels as part of our statutory responsibility. The Texas Water Development Board conducted some of the measurements, shown in red. The measurements in blue were taken by the Clearwater staff. The Texas Water Development Board provides information through publication of continuous monitoring data on the measurements of the TxDOT wells and an additional well in Salado, shown in red.

State #	40-53-406		40-63-501	58-06-301	40-57-602	58-05-202		40-62-501	40-54-701	40-61-509			
CUWCD #	N2-02-022G	N2-08-006P	N2-02-034G	N2-04-010P	M-09-002P	N2-13-002P	N2-02-024G	N2-10-001P	M-13-005G	M-13-006G	M-13-007G		
Well Name	Moffat #1	Moffat #2	East Bell #1	East Bell #2	Copperas Cove	JHM	Armstrong #1	Armstrong #2	Acres	Cearly	PeaRidge		
Highest	-332.00	-477.00	-230.00	-268.00	-290.13	-175.30	-246.70	-327.70	-136.13	-259.00	-31.00	0.00	0.00
Lowest	-482.31	-491.10	-275.00	-378.00	-297.43	-182.10	-248.80	-331.00	-382.00	-469.26	-241.60	0.00	0.00
Jan-07	-333.00												
Jul-07	-381.26												
Jan-08	-332.00												
Jul-08	-358.16												
Jan-09	-436.70												
Jul-09	-358.16												
Jan-10	-399.74						-291.16						
Jul-10	-408.98						-292.71						
Jan-11	-362.78						-290.13						
Jul-11	-348.82			-268.00			-290.25						
Sep-11	-459.36						-291.93						
Nov-11	-457.05						-292.44						
Jan-12	-455.49			-378.00			-293.85						
May-12	-458.80			-278.00			-293.47						
Jan-13	-471.09	-485.70		-280.00			-294.22						
May-13	-468.59			-285.00			-294.96						
Aug-13	-475.39			-282.00			-295.11			-329.83			
Nov-13	-468.89			-290.00			-295.85	-175.41					
Feb-14	-468.50	-478.30	-230.00	-290.00			-295.70						
May-14	-471.81	-481.70	-230.00	-285.00			-296.14	-175.30					
Aug-14	-474.01	-483.70	-230.00	-285.00			-296.00	-177.25		-382.00	-456.00	-241.1	
Nov-14	-472.68	-479.49	-235.00	-290.00			-296.91	-179.12	-247.90	-329.60	-456.40		
Jan-15	-467.39	-477.00	-235.00	-290.00			-296.84	-176.35	-246.70	-327.70	-340.10	-456.00	-241.6
Jun-15	-467.79	-477.40	-230.00	-290.00			-296.69	-176.35	-248.50	-331.00	-339.50	-456.20	
Sep-15	-482.31	-491.10	-275.00	-290.00			-297.06	-182.10	-247.30	-330.60	-347.84	-469.26	
Nov-15	-471.69	-481.30	-270.00	-290.00			-297.43	-178.97	-248.80	-330.80	-349.07	-468.20	
Since Last	5.29	0.00	-230.00	3.00	-0.15	0.00	0.00	0.00	-329.83	0.00	0.00	0.00	0.00
Historical	-132.39	485.70	0.00	-14.00	-3.95	175.41	247.90	0.00	136.13	259.00	31.00		

- E-line Measurement
- Sonic Measurement
- TWDB Measurement
- Air line Measurement
- No Reading Available

*The desired future conditions established by Clearwater Underground Water Conservation District for the Lower Trinity is no more than 319 feet of drawdown after 50 years.
The average drawdown goal per year is -6.38 feet.*

Minimum Number of Measurements: 3

Average Drawdown	-3.67 ft/yr
Drawdown of Water Level	
Increase of Water Level	



Clearwater UWCD - Edwards BFZ Monitor Wells

Staff measures wells quarterly in order to closely monitor the aquifer levels as part of our statutory responsibility. The Texas Water Development Board conducted some of the measurements, shown in red. The measurements in blue were taken by the Clearwater staff. The Texas Water Development Board provides information through publication of continuous monitoring data on the measurements of the TxDOT wells and an additional well in Salado, shown in red.

State #	58-13-502	58-04-627	58-04-502	58-04-623	58-04-602	58-04-628	58-04-702	58-04-816					
CUWCD #	M-12-014G	N2-03-004G	N2-02-050G	N2-02-002G	N2-02-003G	N2-08-008G	N2-04-005G	N2-05-002G	E-10-005P	E-04-077P	N2-11-005P	M-14-001P	E-14-014P
Well Name	Bartlett #1	Salado ISD #1	Salado ISD #2	Stagecoach	Salado WSC#1	Cemetery	Patterson	Rest Stop	Coppin	Peters	Broeker	Gault #1	Gault #3
Highest	-40.13	-36.17	-38.52	-67.67	-23.87	-16.17	-69.82	-118.18	-60.00	-31.00	-68.70	-53.32	-52.30
Lowest	-76.79	-52.33	-56.14	-95.25	-63.20	-89.10	-78.25	-129.44	-74.95	-41.92	-79.70	-59.10	-56.20
Jan-06	-50.29	-43.34	-51.79	-83.00	-36.50		-72.83						
Jul-06	-52.29	-43.58	-52.08	-95.25	-41.84		-72.73						
Sep-06	-55.92	-43.09	-53.08	-82.75	-34.09		-72.87						
Oct-06	-60.37	-44.55	-52.96	-85.75	-33.21		-72.95						
Nov-06	-65.12	-43.75	-52.33	-81.00	-30.09		-73.05						
Jan-07	-60.79	-40.84	-49.50	-80.30	-27.55		-72.08						
Jul-07	-49.45	-36.17	-44.83	-72.34	-31.50		-69.87						
Jan-08	-46.62	-41.92	-49.83	-86.51	-31.42		-72.07						
Jul-08	-46.46	-43.59	-52.16	-72.34	-40.17		-69.82	-124.80					
Jan-09	-61.04	-43.42	-51.58	-88.75	-38.92	-71.91	-72.88	-125.47					
Jul-09	-63.33	-51.50	-53.66	-85.67	-34.92	-83.61	-73.19	-128.15					
Jan-10		-39.62	-48.38	-67.67	-27.12	-39.81	-70.43	-118.18	-60.00				
Jul-10	-58.04	-42.12	-50.73	-81.67	-31.53	-72.83		-120.46					
Jan-11	-58.80	-43.00	-49.35	-82.64	-31.43	-64.63	-72.05	-121.76					
Jul-11	-61.21	-44.46	-53.49	-87.21	-35.52	-81.51	-71.05	-125.39					
Sep-11	-68.59	-45.82	-54.03	-89.22	-37.83	-89.10	-71.15	-126.41					
Nov-11	-76.79	-44.42	-52.83	-83.62	-32.53	-80.97	-72.08	-126.09			-78.00		
Jan-12	-75.99	-42.62	-50.23	-79.72	-30.73	-64.78	-74.20	-125.18					
May-12	-67.39	-41.82	-50.83	-81.92	-31.20	-79.17	-73.83	-123.57					
Jan-13	-68.90	-42.22	-49.83	-85.40	-32.40	-71.54	-71.20	-125.18					
May-13	-63.00	-42.02	-50.03	-86.52	-31.57	-64.79	-73.57	-126.78					
Aug-13	-64.70	-44.42	-52.53	-84.12	-32.17	-84.93	-73.70	-129.44	-74.95		-68.70		
Nov-13		-43.70	-49.73	-81.12	-29.37	-53.35	-73.60	-125.05	-68.55	-34.80			
Feb-14	-62.20	-42.22	-49.93	-80.02	-30.17	-67.54	-73.64	-124.22	-68.65	-35.00	-74.40	-59.10	-52.30
May-14	-64.40	-46.88	-52.17	-90.28	-30.97	-72.25	-73.98	-125.66	-72.35	-40.20	-78.60	-57.20	-56.20
Aug-14	-65.80	-47.08	-52.67	-91.78	-33.77	-82.71	-74.24	-128.09	-72.55	-40.40		-57.30	-55.80
Nov-14	-59.80	-52.33	-43.92	-88.62	-31.17	-77.79	-74.33	-127.60	-69.25	-35.40	-79.70	-58.58	-52.60
Jan-15	-62.00	-49.13	-41.32	-79.32	-29.57	-30.01	-73.77	-125.52	-69.05	-35.70	-74.30	-59.01	-52.50
Jun-15	-56.80	-47.23	-38.52	-76.42	-26.97	-23.43	-72.97	-121.67	-62.75	-35.40	-72.10	-53.32	-52.90
Sep-15	-62.50	-45.68	-50.57	-80.88	-27.67	-77.55	-72.70	-122.76	-70.85	-41.92	-77.90	-58.26	-55.80
Nov-15	-61.95	-40.43	-45.62	-72.40	-23.87	-16.17	-72.03	-120.44	-62.90	-37.62	-74.50	-54.33	-54.10
Since Last	-5.70	3.20	-12.05	-4.46	-0.70	-54.12	0.27	-1.09	-8.10	-6.52	-5.80	-4.94	-2.90
Historic	-19.88	-9.33	-0.07	4.51	1.60	-5.64	-1.70	2.04	-10.85	-10.92	0.10	0.84	-3.50

	E-line Measurement
	Sonic Measurement
	TWDB Measurement
	No Reading Available

Keep in mind that the Edwards (BFZ) is a Karst aquifer and static water levels are a measurement of aquifer health in conjunction with spring flow. The desired future conditions established by Clearwater for the Edwards (BFZ) aquifer are based on maintaining Salado Spring discharge into Salado Creek during a repeat of conditions similar to the 1950's drought of record. Under the drought of record conditions, a spring discharge of 200 acre-feet per month is preferred and 100 acre-feet per month is the minimum acceptable spring flow.

Minimum Number of Measurements: 5

Average Drawdown	0.19 ft/yr
Drawdown of Water Level	
Increase of Water Level	