

Trinity Aquifer DFC Compliance Analysis for Blanco County

Monitor Well Name	Calendar Year Average Water Level Below Land Surface												Average Well Drawdown
	2008 (Baseline Year)	2009 Avg.	2010 Avg.	2011 Avg.	2012 Avg.	2013 Avg.	2014 Avg.	2015 Avg.	2016 Avg.	2017 Avg.	2018 Avg.	2019 Avg.	Change in feet From 2008
Stanton	216.5	216.1	205.5	215.5	216.8	216.4	215.9	209.3	208.7	212.6	217.6	211.0	3.29
Rocking J Well #2	216.1	216.0	195.5	214.8	215.8	219.9	221.5	209.0	195.9	197.1	229.1	199.8	5.71
Pedernales Falls	191.6	179.3	141.9	187.2	173.6	182.1	173.1	173.3	178.2	179.2	185.6	181.2	15.72
Amil Baker	310.6	323.2	288.8	321.7	323.7	319.3	313.4	306.6	279.6	284.9	304.2	297.3	4.90
Rosa Winn	88.7	92.6	70.7	88.8	78.1	80.0	80.6	68.9	70.4	74.7	85.4	74.5	10.09
City of Blanco	41.8	72.7	21.9	46.5	25.2	25.5	24.7	21.8	21.9	23.8	36.0	23.2	10.60
Blanco River Well	84.9	108.8	66.3	89.7	91.5	80.8	80.9	65.2	44.3	50.6	77.3	50.6	11.63
Total Average Change in Trinity Aquifer Drawdown for all of Blanco County												8.8	

NOTE: a positive number indicate a higher aquifer level than the 2008 Baseline Year, while a negative number indicate a lower aquifer level than the 2008 Baseline Year

Formulas:

Equals the sum of all water levels recorded in 2008 divided by number of measurements.

Equals the sum of all water levels recorded in each calendar year divided by number of measurements.

Annual Average equals 2008 entry minus the sum of averages for subsequent year entries divided by the number of subsequent years.

$$= B6 - (C6 + D6 + E6 + F6 + G6 + H6 + I6 + J6 + K6 + L6) / 10$$

Equals the sum of all average changes divided by the number of wells

$$= \text{SUM}(N6:N12) / 7$$