

Well Water Depth Monitoring (8/15/2025)

2025 Data

2025 Data	Depth to Water Below Top of Casing (BTOC, measured in feet)							Remarks/Comments
	Well #1 (540/600')	Well #2 (93/100')	Well #3 (107/123')	Monthly Rainfall (inches)	CTGCD Drought Stage	Water Pumped (K Gals)	Bulk Water (K Gals)	
	Stage II Drought Threshold	30	30	55				
	Stage III Drought Threshold	60	60	70				
January (01/19/25)	92.7	91.0	115.1	2.91	Critical	651.0	40.0	Wells pumping, difficult to confirm accuracy. Approx. 40K gallons supplemental water.
February (02/24/25)	35.5	69.2	91.8	0.99	Critical	553.0	160.8	Wells off for 13 hours. Water pumped and bulk estimated. 29% bulk water
March (03/13/25)	37.8	66.7	90.8	1.67	Critical	520.0	202.0	39% bulk water
April (04/09/25)	38.7	58.3	86.8	1.23	Critical	405.5	203.5	50% bulk water
May (05/16/25)	40.2	59.2	86.4	4.74	Critical	432.0	162.4	38% bulk water
June (06/26/25)	35.7	28.1	91.8	2.92	Critical	451.0	168.0	37% bulk water
July (07/15/25)	23.7	9.2	88.6	8.75	Critical	472.0	184.0	38% bulk water
August 08/15/25)	35.8	14.2	90.3		Moderate			
			Annual Total	23.21		3,484.5	1,120.7	

Stoplight Codes				
	Above Stage II	Above Stage III	Below Stage III	
CTGCD Drought Stage	Near Normal	Moderate	Severe	Critical

Metric	Description	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25
Well water	Total raw water extracted from production wells	611	340	380	202	235	409	369
Supplemental bulk water	Total water provided by bulk water delivery	40	161	202	204	162	168	184
Water pumped	Treated water pumped from plant	651	553	520	460	432	451	472
Water sold	Total of all Metron meter readings billed	573	431	514	408	397	407	391
Water used for firefighting (not billed)	Water used to replenish firefighting water storage tank	0	0	0	0	0	0	0
Water used for flushing	Total estimated water used for line flushing	0	0	0	0	0	0	0
Water loss gallons	Total estimated water lost during line transmission	78	122	6	52	35	44	81
Water loss %	Water loss/water pumped	12%	22%	1%	11%	8%	10%	17%

To boost confidence in these metrics, 3 actions are underway:

1. Install a boost pump to maintain flow between the small and large ground storage tanks (GST). This will maintain chlorine levels better and reduce/eliminate potential overflow from the small GST.
2. Install a new Metron smart meter to more accurately measure intake of well water.
3. Install a new Metron smart meter to more accurately measure water pumped from the plant.