Colorado County Groundwater Conservation District (CCGCD)

Desired Future Condition(DFC) Monitoring

Summary: Annual depth to water measurements from state monitor wells are compared to the year 2000 baseline reading to determine if groundwater management practices are applicable. The following table compares the year 2000 water levels to the current water levels.

Well Name	State Well	Groundwater Elevation Year 2000	Groundwater Elevation Year 2025	Groundwater Elevation Year 2026	YOY Difference	Difference Since 2000	Aquifer Code	Note	Nearest Community	MZ
Westphal	6612204	283.13	280.88	279.88	-1	-3.25	121 EVGL		Frelsburg	2
Pickens	6612603	211.47	206.67	205.24	-1.43	-6.23	121 EVGL		Zimmerscheidt	2
Menke	6614703	241.14	240.93	240.05	-0.88	-1.09	112 CHCT		Cat Spring	1
Weimar	6618601	210.9	233.5	229.77	-3.73	18.87	122 JSPR		Weimar	2
Miller	6619804	280.32	278.77	277.81	-0.96	-2.51	121 EVGL		S Borden	2
Columbus	6620602	121.83	145.81	154.19	8.38	32.36	121 EVGL		Columbus	1
Pavlicek	6620901	175.7	174.57	173.2	-1.37	-2.5	121 EVGL		S Columbus	1
Adkins	6621603	169.01	164.29			-4.72	112CEVG	*no reading*	S Alleyton	1
Thomas	6622201	190.54	190.92	188.25	-2.67	-2.29	121 EVGL		I 10 San Bernard River	1
Walker	6626202	207.34	206.08	204.72	-1.36	-2.62	121 EVGL		Oakland	2
Burke	6628702	170.11	175.22	178.03	2.81	7.92	112 CEVG		Rock Island	1
Kallina	6637607	124.21	124.66	124.22	-0.44	0.01	112CHCT		Garwood	1
TX West Indies	6644702	42.88	43.29	42.35	-0.94	-0.53	112 CEVG		Provident City	1

Average drawdown of Chicot and Evangeline Aquifer	**1.21**
Average drawdown of Jasper Aquifer	**18.87**

2025 Nonexempt Groundwater Production	~28,000	ac-ft	*to be finalized*
Annual Modeled Available Groundwater	72,583.00	ac-ft	

Adherence to the DFC's may be attributed to CCGCD rules 4.3.1b and 4.3.1d that prevent high production wells from depleting shallower aquifer formations. CCGCD monitors static water levels monthly according to rules 5.3.2 and 5.3.3 to allow the board to make timely decisions on new permitted wells, existing permit increases, and exempt flowrates.