

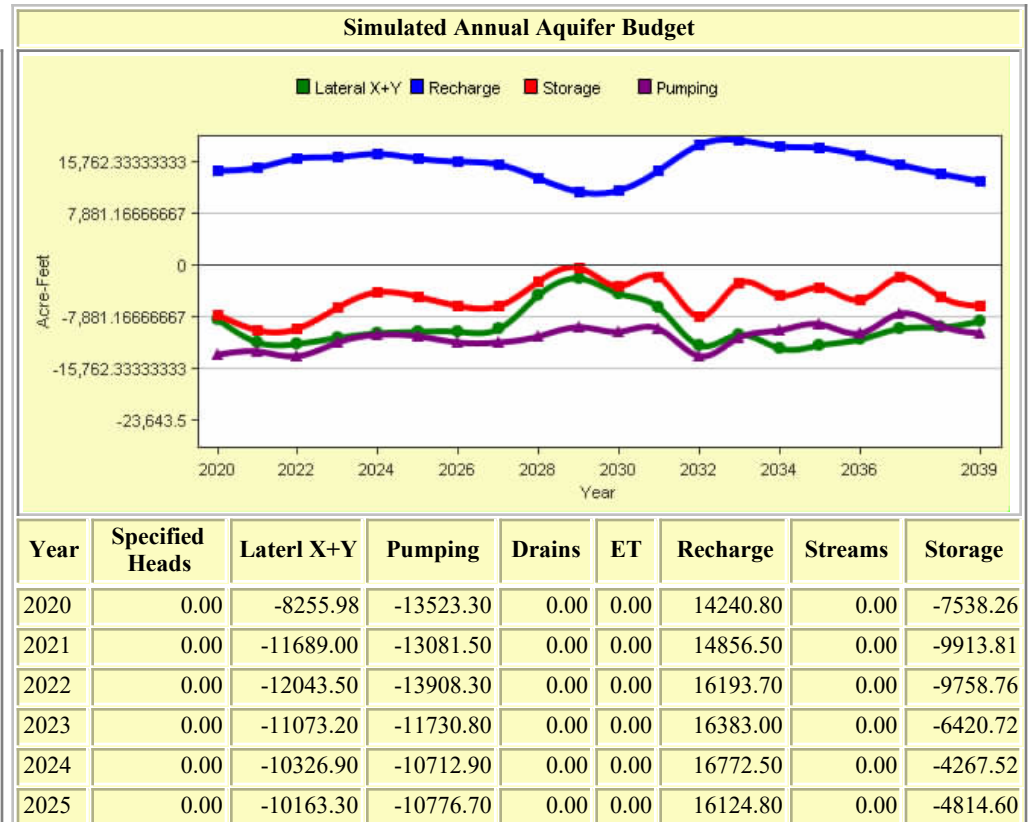
GMD4 Model Results

Scenario Run, 08/04/2021.

315 Targeted Cell(s):

112 21, 112 22, 112 23, 112 24, 112 25, 112 26, 112 27, 112 28, 112 29, 112 30, 112 31, 112 32, 112 33, 112 34, 112 35, 112 36, 112 37, 112 38, 112 39, 112 40, 112 41, 113 21, 113 22, 113 23, 113 24, 113 25, 113 26, 113 27, 113 28, 113 29, 113 30, 113 31, 113 32, 113 33, 113 34, 113 35, 113 36, 113 37, 113 38, 113 39, 113 40, 113 41, 114 21, 114 22, 114 23, 114 24, 114 25, 114 26, 114 27, 114 28, 114 29, 114 30, 114 31, 114 32, 114 33, 114 34, 114 35, 114 36, 114 37, 114 38, 114 39, 114 40, 114 41, 115 21, 115 22, 115 23, 115 24, 115 25, 115 26, 115 27, 115 28, 115 29, 115 30, 115 31, 115 32, 115 33, 115 34, 115 35, 115 36, 115 37, 115 38, 115 39, 115 40, 115 41, 116 21, 116 22, 116 23, 116 24, 116 25, 116 26, 116 27, 116 28, 116 29, 116 30, 116 31, 116 32, 116 33, 116 34, 116 35, 116 36, 116 37, 116 38, 116 39, 116 40, 116 41, 117 21, 117 22, 117 23, 117 24, 117 25, 117 26, 117 27, 117 28, 117 29, 117 30, 117 31, 117 32, 117 33, 117 34, 117 35, 117 36, 117 37, 117 38, 117 39, 117 40, 117 41, 118 21, 118 22, 118 23, 118 24, 118 25, 118 26, 118 27, 118 28, 118 29, 118 30, 118 31, 118 32, 118 33, 118 34, 118 35, 118 36, 118 37, 118 38, 118 39, 118 40, 118 41, 119 21, 119 22, 119 23, 119 24, 119 25, 119 26, 119 27, 119 28, 119 29, 119 30, 119 31, 119 32, 119 33, 119 34, 119 35, 119 36, 119 37, 119 38, 119 39, 119 40, 119 41, 120 21, 120 22, 120 23, 120 24, 120 25, 120 26, 120 27, 120 28, 120 29, 120 30, 120 31, 120 32, 120 33, 120 34, 120 35, 120 36, 120 37, 120 38, 120 39, 120 40, 120 41, 121 21, 121 22, 121 23, 121 24, 121 25, 121 26, 121 27, 121 28, 121 29, 121 30, 121 31, 121 32, 121 33, 121 34, 121 35, 121 36, 121 37, 121 38, 121 39, 121 40, 121 41, 122 21, 122 22, 122 23, 122 24, 122 25, 122 26, 122 27, 122 28, 122 29, 122 30, 122 31, 122 32, 122 33, 122 34, 122 35, 122 36, 122 37, 122 38, 122 39, 122 40, 122 41, 123 21, 123 22, 123 23, 123 24, 123 25, 123 26, 123 27, 123 28, 123 29, 123 30, 123 31, 123 32, 123 33, 123 34, 123 35, 123 36, 123 37, 123 38, 123 39, 123 40, 123 41, 124 21, 124 22, 124 23, 124 24, 124 25, 124 26, 124 27, 124 28, 124 29, 124 30, 124 31, 124 32, 124 33, 124 34, 124 35, 124 36, 124 37, 124 38, 124 39, 124 40, 124 41, 125 21, 125 22, 125 23, 125 24, 125 25, 125 26, 125 27, 125 28, 125 29, 125 30, 125 31, 125 32, 125 33, 125 34, 125 35, 125 36, 125 37, 125 38, 125 39, 125 40, 125 41, 126 21, 126 22, 126 23, 126 24, 126 25, 126 26, 126 27, 126 28, 126 29, 126 30, 126 31, 126 32, 126 33, 126 34, 126 35, 126 36, 126 37, 126 38, 126 39, 126 40, 126 4

Status Quo Annual Aquifer Budget								
Year	Specified Heads	Laterl X+Y	Pumping	Drains	ET	Recharge	Streams	Storage
2020	0.00	-951.38	-27046.70	0.00	0.00	14240.80	0.00	-13756.70
2021	0.00	-2978.42	-26162.90	0.00	0.00	14856.60	0.00	-14284.80
2022	0.00	-2305.82	-27816.60	0.00	0.00	16198.00	0.00	-13925.20
2023	0.00	-1999.35	-23461.50	0.00	0.00	16414.70	0.00	-9046.00
2024	0.00	-1791.16	-21425.70	0.00	0.00	16875.60	0.00	-6341.27
2025	0.00	-1713.77	-21553.30	0.00	0.00	16346.40	0.00	-6920.07
2026	0.00	-1288.99	-23486.70	0.00	0.00	15983.40	0.00	-8792.19



Generated from <https://maps.kgs.ku.edu/modflow>. Method: 50% of current pumping

2027	0.00	-667.78	-23715.70	0.00	0.00	15779.40	0.00	-8603.87	2026	0.00	-10097.50	-11743.30	0.00	0.00	15625.70	0.00	-6214.93
2028	0.00	4658.41	-21711.90	0.00	0.00	13697.90	0.00	-3355.57	2027	0.00	-9605.09	-11857.80	0.00	0.00	15289.40	0.00	-6174.01
2029	0.00	6098.82	-19017.30	0.00	0.00	11766.10	0.00	-1152.18	2028	0.00	-4702.55	-10855.90	0.00	0.00	13018.40	0.00	-2540.20
2030	0.00	2304.63	-20335.20	0.00	0.00	12016.00	0.00	-6014.44	2029	0.00	-2025.43	-9508.66	0.00	0.00	10960.50	0.00	-573.60
2031	0.00	455.62	-19389.60	0.00	0.00	14834.50	0.00	-4099.55	2030	0.00	-4293.45	-10167.60	0.00	0.00	11292.30	0.00	-3169.06
2032	0.00	-3573.19	-27590.10	0.00	0.00	18692.90	0.00	-12470.10	2031	0.00	-6485.22	-9694.81	0.00	0.00	14236.30	0.00	-1943.85
2033	0.00	-1935.84	-22091.40	0.00	0.00	19471.20	0.00	-4556.59	2032	0.00	-12257.30	-13795.00	0.00	0.00	18117.80	0.00	-7933.90
2034	0.00	-4637.14	-19654.90	0.00	0.00	18703.70	0.00	-5588.13	2033	0.00	-10519.50	-11045.70	0.00	0.00	18779.90	0.00	-2785.54
2035	0.00	-4773.63	-17886.70	0.00	0.00	18305.40	0.00	-4355.48	2034	0.00	-12699.70	-9827.45	0.00	0.00	18001.00	0.00	-4525.88
2036	0.00	-3731.59	-20671.10	0.00	0.00	17201.20	0.00	-7201.55	2035	0.00	-12212.50	-8943.37	0.00	0.00	17636.70	0.00	-3519.76
2037	0.00	-2963.97	-14951.80	0.00	0.00	16001.50	0.00	-1914.36	2036	0.00	-11416.40	-10335.60	0.00	0.00	16512.70	0.00	-5239.27
2038	0.00	-2040.89	-18536.80	0.00	0.00	14504.60	0.00	-6072.88	2037	0.00	-9616.57	-7475.92	0.00	0.00	15292.60	0.00	-1800.06
2039	0.00	-536.92	-20951.80	0.00	0.00	13439.80	0.00	-8049.00	2038	0.00	-9380.46	-9268.40	0.00	0.00	13771.80	0.00	-4877.21
									2039	0.00	-8492.29	-10475.90	0.00	0.00	12717.90	0.00	-6250.68

Simulated Averaged Water Levels

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Year	Reduced Pumping	Status Quo
2021	3662.97	3661.62
2022	3660.31	3654.87
2023	3657.71	3654.86
2024	3655.97	3652.82
2025	3654.89	3651.56
2026	3653.73	3650.21
2027	3652.23	3648.43
2028	3650.67	3646.62

Generated from <https://maps.kgs.ku.edu/modflow>. Method: 50% of current pumping

2029	3649.11	3645.71
2030	3648.36	3645.09
2031	3647.44	3643.61
2032	3646.99	3642.94
2033	3645.32	3640.63
2034	3644.82	3640.04
2035	3643.85	3639.16
2036	3643.01	3638.42
2037	3641.75	3637.02
2038	3641.16	3636.90
2039	3639.15	3634.89
2040	3636.34	3631.82