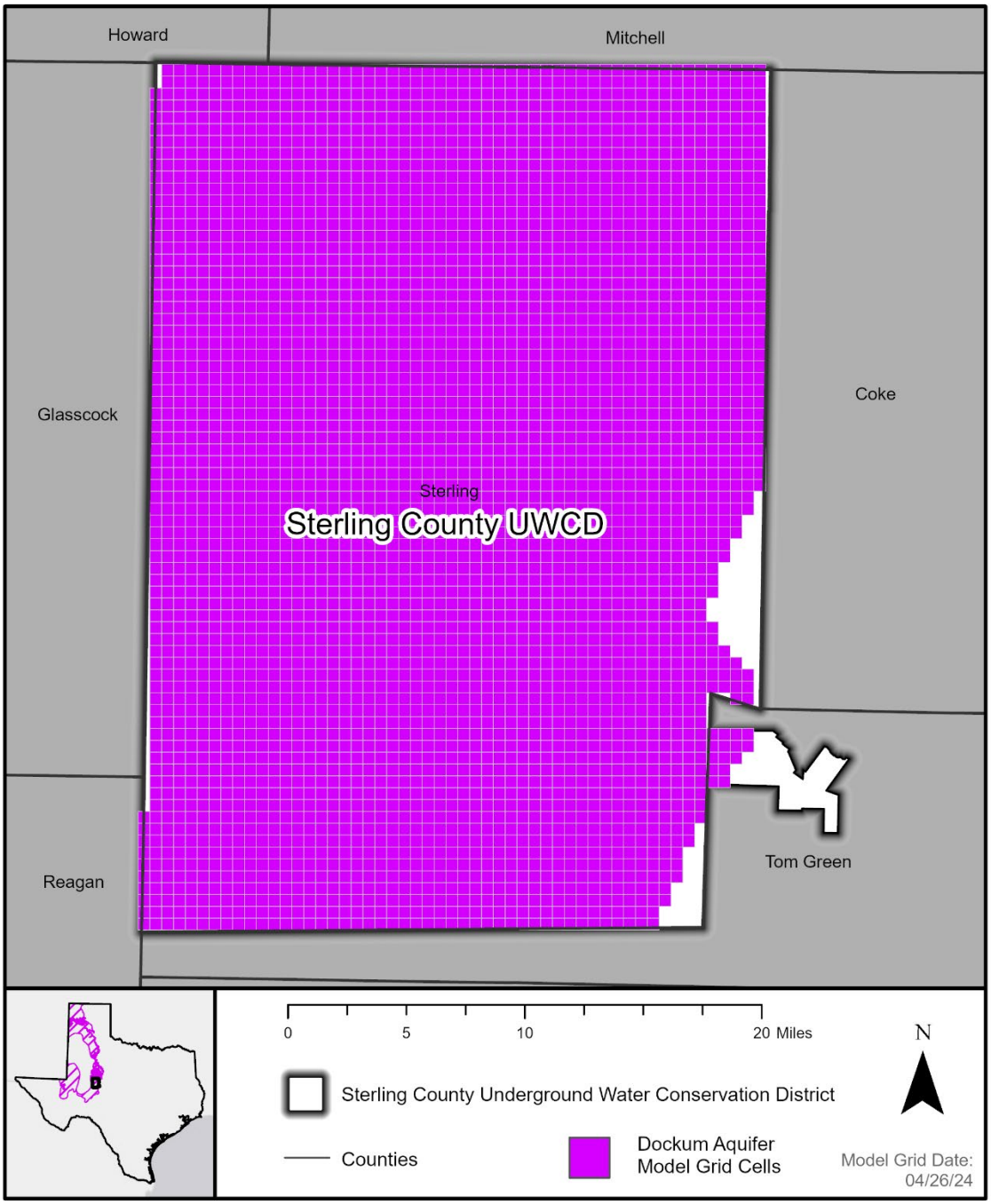
# STERLING COUNTY UNDERGROUND WATER CONSERVATION DISTRICT
# DOCKUM AQUIFER WATER BUDGETS




**Area of the groundwater availability model for the High Plains Aquifer System from which the budget information was extracted (the Dockum Aquifer extent within the district boundary).**

STATE OF TEXAS
SHIRLEY C. WADE
GEOLOGY
No. 525
LICENSED
PROFESSIONAL GEOSCIENTIST

Shirley C. Wade
10/20/2026

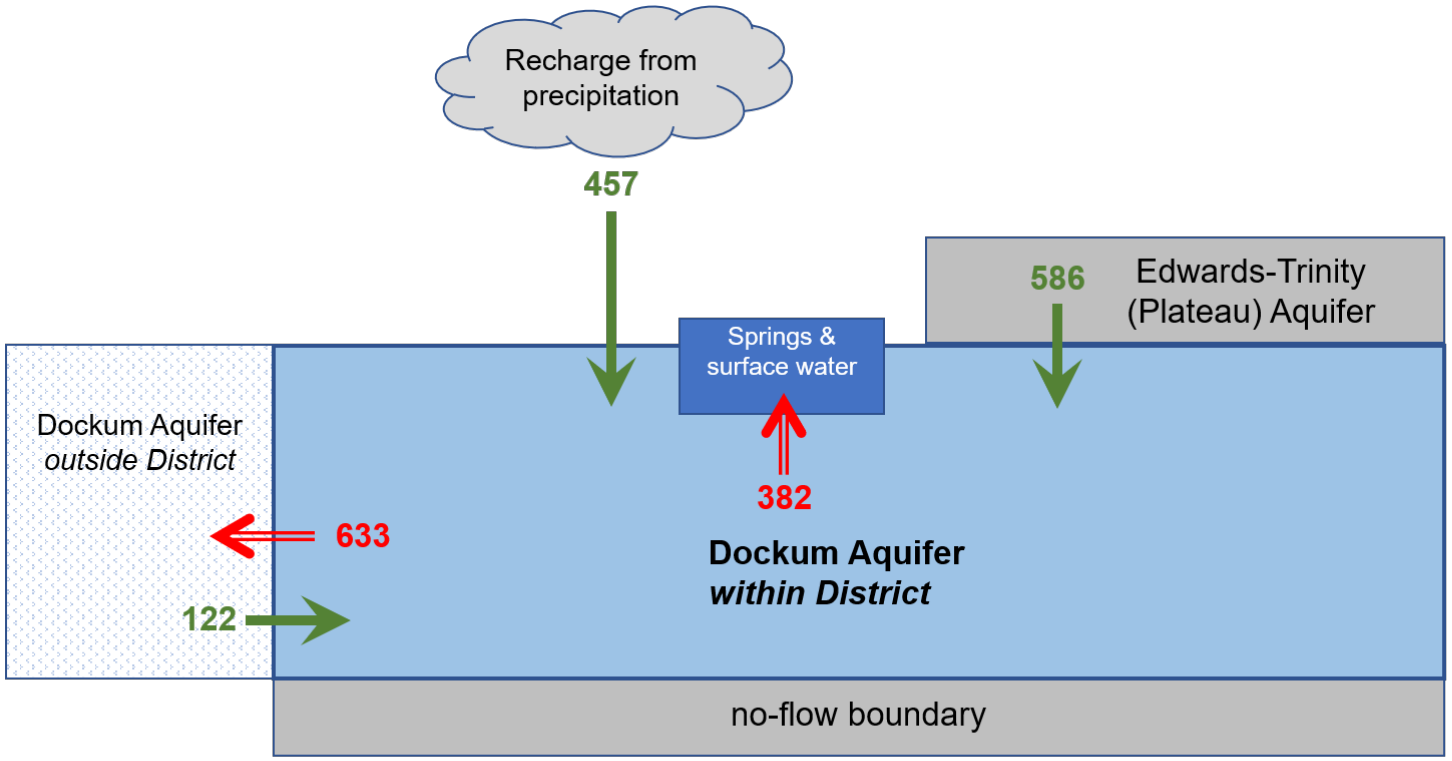
## STERLING COUNTY UNDERGROUND WATER CONSERVATION DISTRICT
## DOCKUM AQUIFER WATER BUDGETS

| Management Plan requirement | Aquifer or confining unit | Results (acre-feet per year) |
|---|---|---|
| Estimated annual amount of recharge from precipitation to the district | Dockum Aquifer | 457 |
| Estimated annual volume of water that discharges from the aquifer to springs and any surface water body including lakes, streams, and rivers. | Dockum Aquifer | 382 |
| Estimated annual volume of flow into the district within each aquifer in the district | Dockum Aquifer | 122 |
| Estimated annual volume of flow out of the district within each aquifer in the district | Dockum Aquifer | 633 |
| Estimated net annual volume of flow between each aquifer in the district | Flow to the Dockum Aquifer from an overlying aquifer (Edwards-Trinity [Plateau] Aquifer) | 586 |




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# STERLING COUNTY UNDERGROUND WATER CONSERVATION DISTRICT DOCKUM AQUIFER WATER BUDGETS




*Caveat: This diagram only includes the water budget items provided in the table. A complete water budget would include additional inflows and outflows. For a full groundwater budget, please submit a request in writing to the Groundwater Modeling Department.*

**Generalized diagram of the summarized budget information representing directions of flow for the Dockum Aquifer within Sterling County Underground Water Conservation District. Flow values expressed in acre-feet per year (AFY).**




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