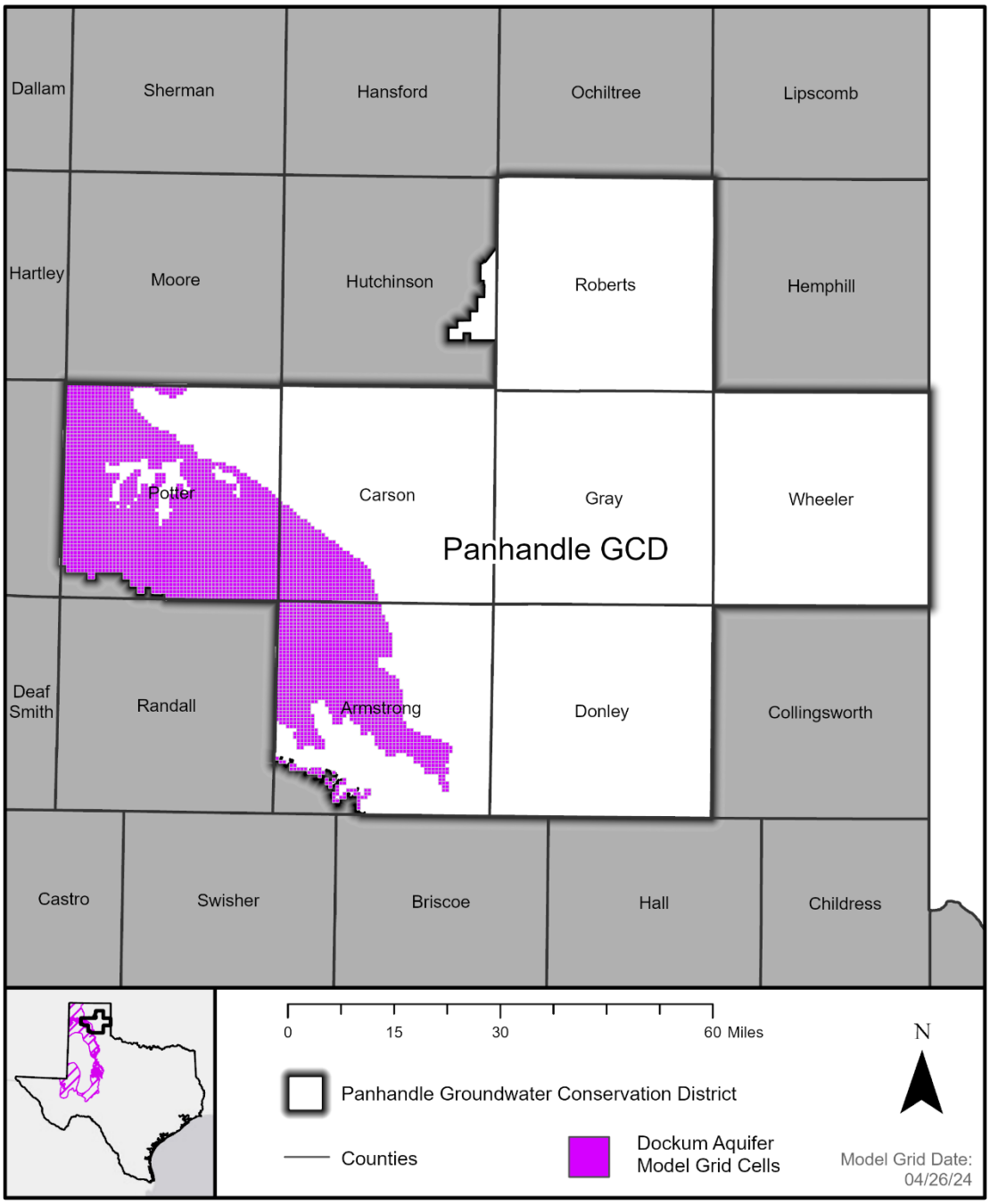
PANHANDLE GROUNDWATER CONSERVATION DISTRICT DOCKUM AQUIFER WATER BUDGETS



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).

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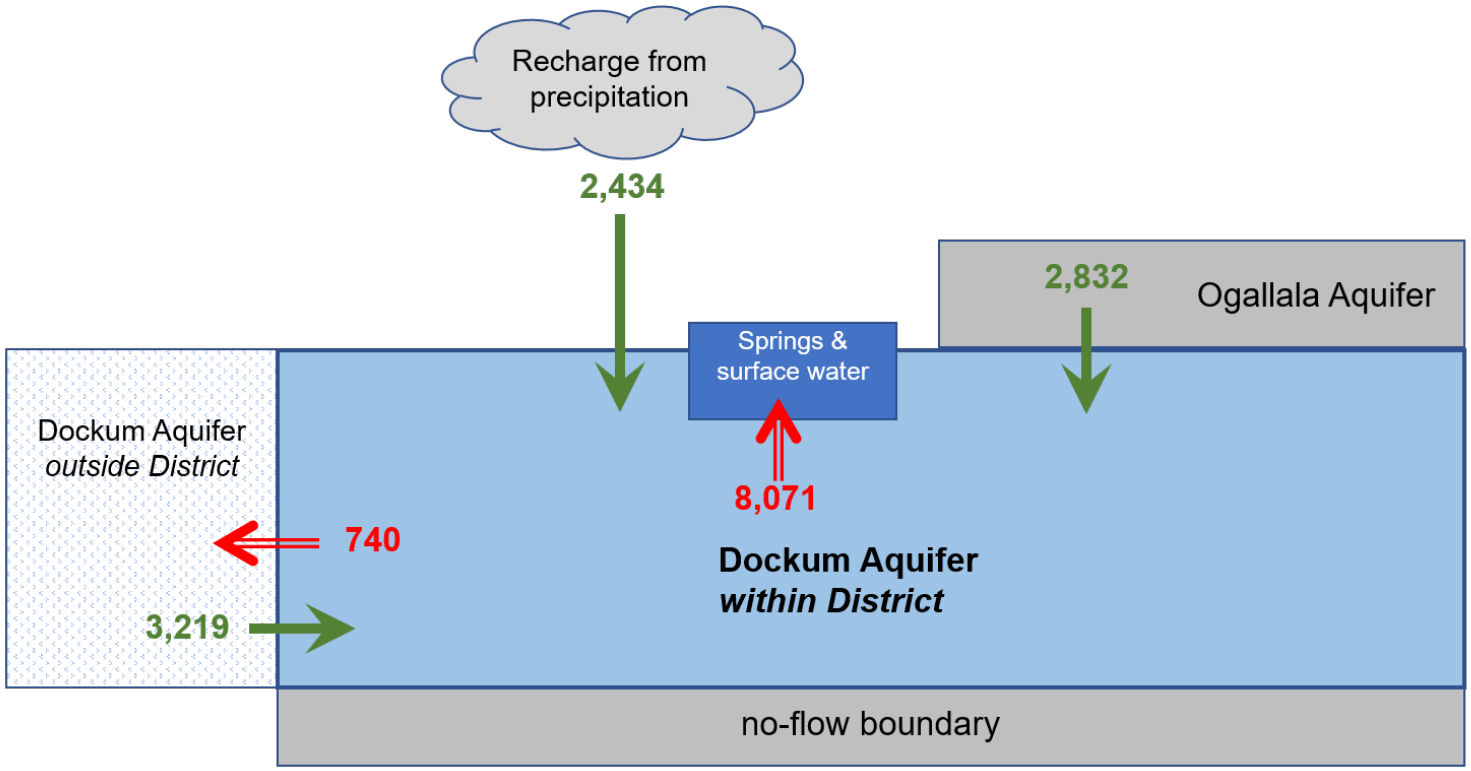
PANHANDLE GROUNDWATER CONSERVATION DISTRICT DOCKUM AQUIFER WATER BUDGETS

Management Plan requirement	Aquifer or confining unit	Results (acre-feet per year)
Estimated annual amount of recharge from precipitation to the district	Dockum Aquifer	2,434
Estimated annual volume of water that discharges from the aquifer to springs and any surface water body including lakes, streams, and rivers.	Dockum Aquifer	8,071
Estimated annual volume of flow into the district within each aquifer in the district	Dockum Aquifer	3,219
Estimated annual volume of flow out of the district within each aquifer in the district	Dockum Aquifer	740
Estimated net annual volume of flow between each aquifer in the district	Flow to the Dockum Aquifer from the Ogallala Aquifer	2,832



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PANHANDLE GROUNDWATER CONSERVATION DISTRICT DOCKUM AQUIFER WATER BUDGETS



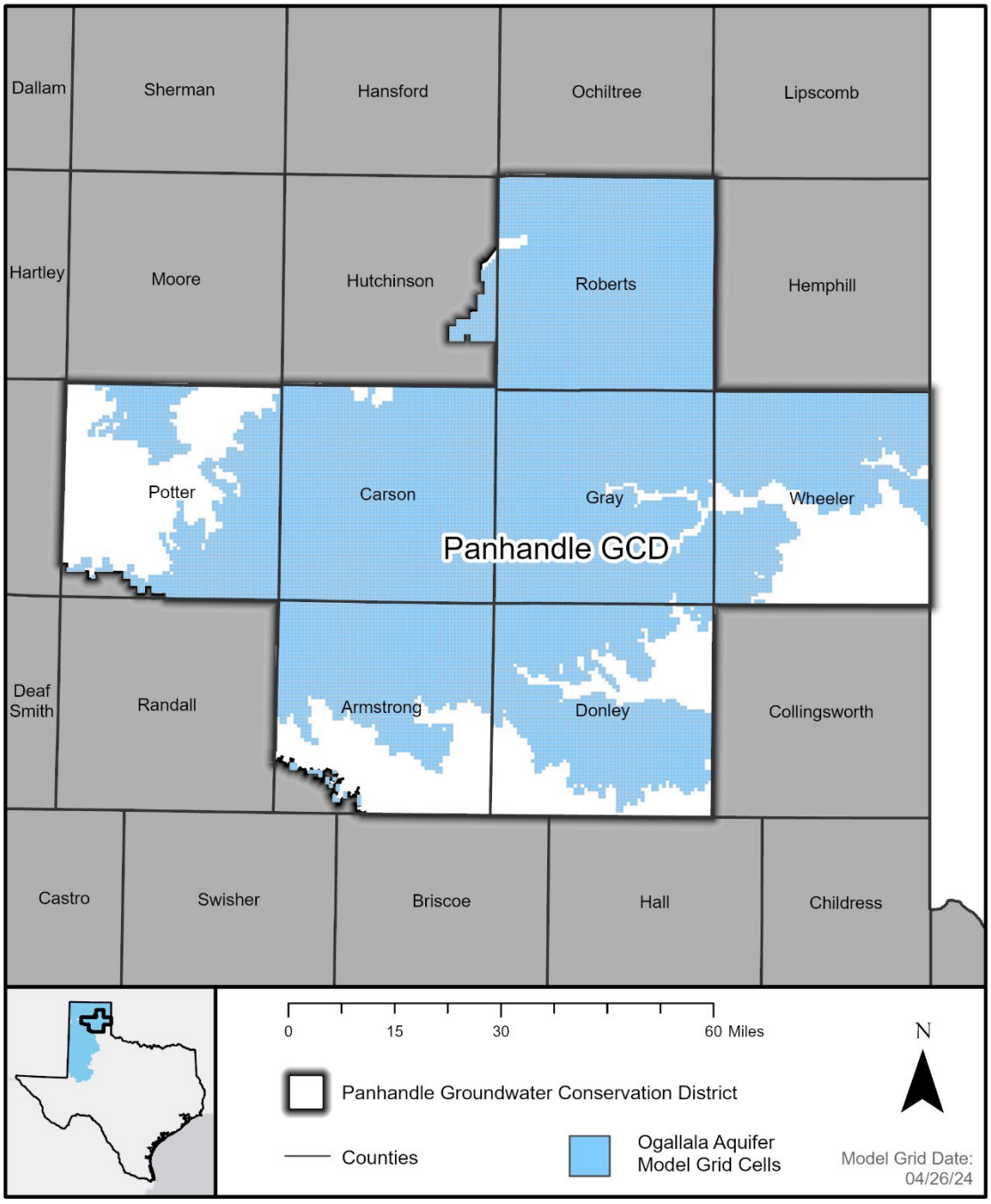
Caveat: This diagram only includes the water budget items provided in the table. A complete water budget would include additional inflows and outflows. For a full groundwater budget, please submit a request in writing to the Groundwater Modeling Department.

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

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PANHANDLE GROUNDWATER CONSERVATION DISTRICT OGALLALA AQUIFER WATER BUDGETS



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

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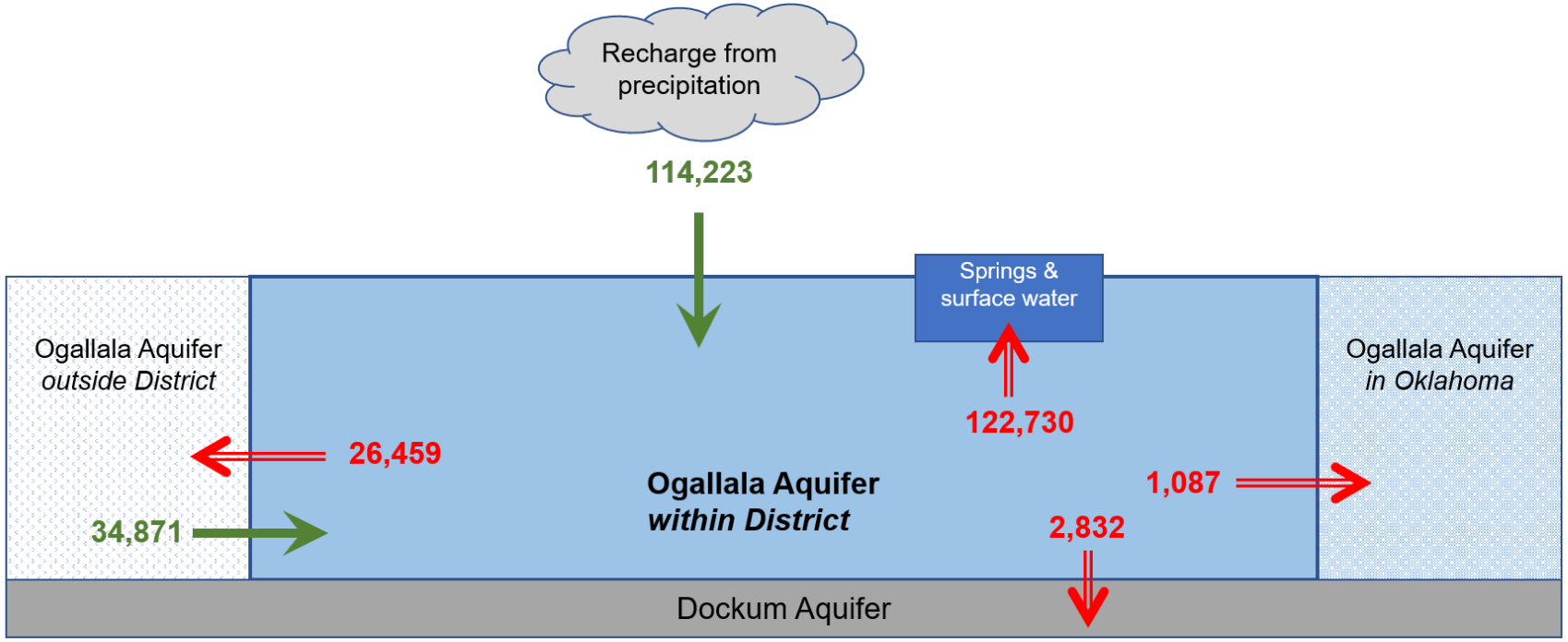
PANHANDLE GROUNDWATER CONSERVATION DISTRICT OGALLALA AQUIFER WATER BUDGETS

Management Plan requirement	Aquifer or confining unit	Results (acre-feet per year)
Estimated annual amount of recharge from precipitation to the district	Ogallala Aquifer	114,223
Estimated annual volume of water that discharges from the aquifer to springs and any surface water body including lakes, streams, and rivers.	Ogallala Aquifer	122,730
Estimated annual volume of flow into the district within each aquifer in the district	Ogallala Aquifer	34,871
Estimated annual volume of flow out of the district within each aquifer in the district	Ogallala Aquifer	26,459
Estimated net annual volume of flow between each aquifer in the district	Flow from the Ogallala Aquifer in Texas to the Ogallala Aquifer in Oklahoma	1,087
Estimated net annual volume of flow between each aquifer in the district	Flow from the Ogallala Aquifer to the Dockum Aquifer	2,832



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PANHANDLE GROUNDWATER CONSERVATION DISTRICT OGALLALA 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 Ogallala Aquifer within Panhandle Groundwater Conservation District. Flow values expressed in acre-feet per year (AFY).

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