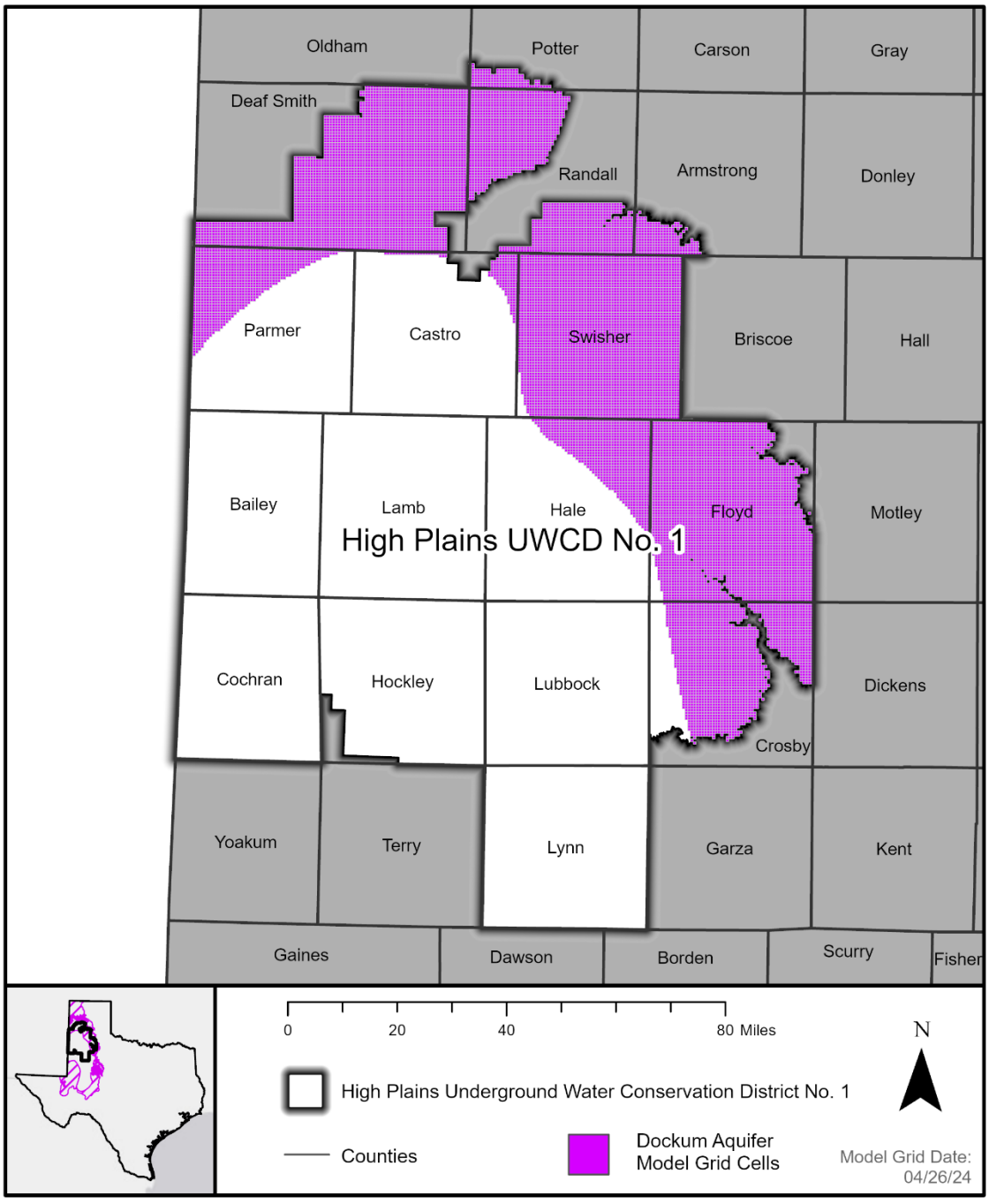
HIGH PLAINS UNDERGROUND WATER CONSERVATION DISTRICT NO. 1
DOCKUM AQUIFER WATER BUDGETS



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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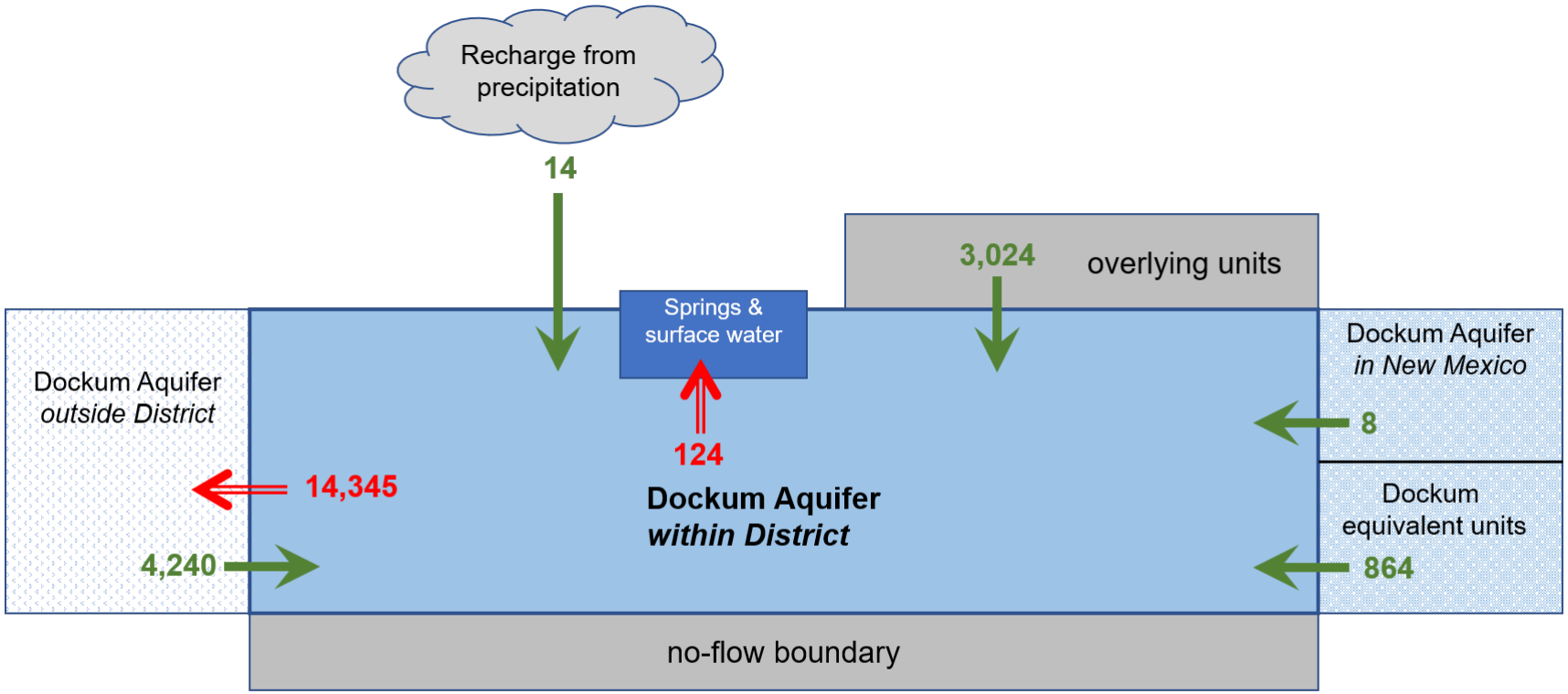
HIGH PLAINS UNDERGROUND WATER CONSERVATION DISTRICT NO. 1
DOCKUM AQUIFER WATER BUDGETS

Management Plan requirement	Aquifer or confining unit	Results (acre-feet per year)
Estimated annual amount of recharge from precipitation to the district	Dockum Aquifer	14
Estimated annual volume of water that discharges from the aquifer to springs and any surface water body including lakes, streams, and rivers.	Dockum Aquifer	124
Estimated annual volume of flow into the district within each aquifer in the district	Dockum Aquifer	4,240
Estimated annual volume of flow out of the district within each aquifer in the district	Dockum Aquifer	14,345
Estimated net annual volume of flow between each aquifer in the district	Flow to the Dockum Aquifer from Dockum equivalent units	864
Estimated net annual volume of flow between each aquifer in the district	Flow to the Dockum Aquifer from overlying aquifers (Ogallala and Edwards-Trinity [High Plains] aquifers)	3,024
Estimated net annual volume of flow between each aquifer in the district	Flow to the Dockum Aquifer in Texas from the Dockum Aquifer in New Mexico	8



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HIGH PLAINS UNDERGROUND WATER CONSERVATION DISTRICT NO. 1 DOCKUM AQUIFER WATER BUDGETS



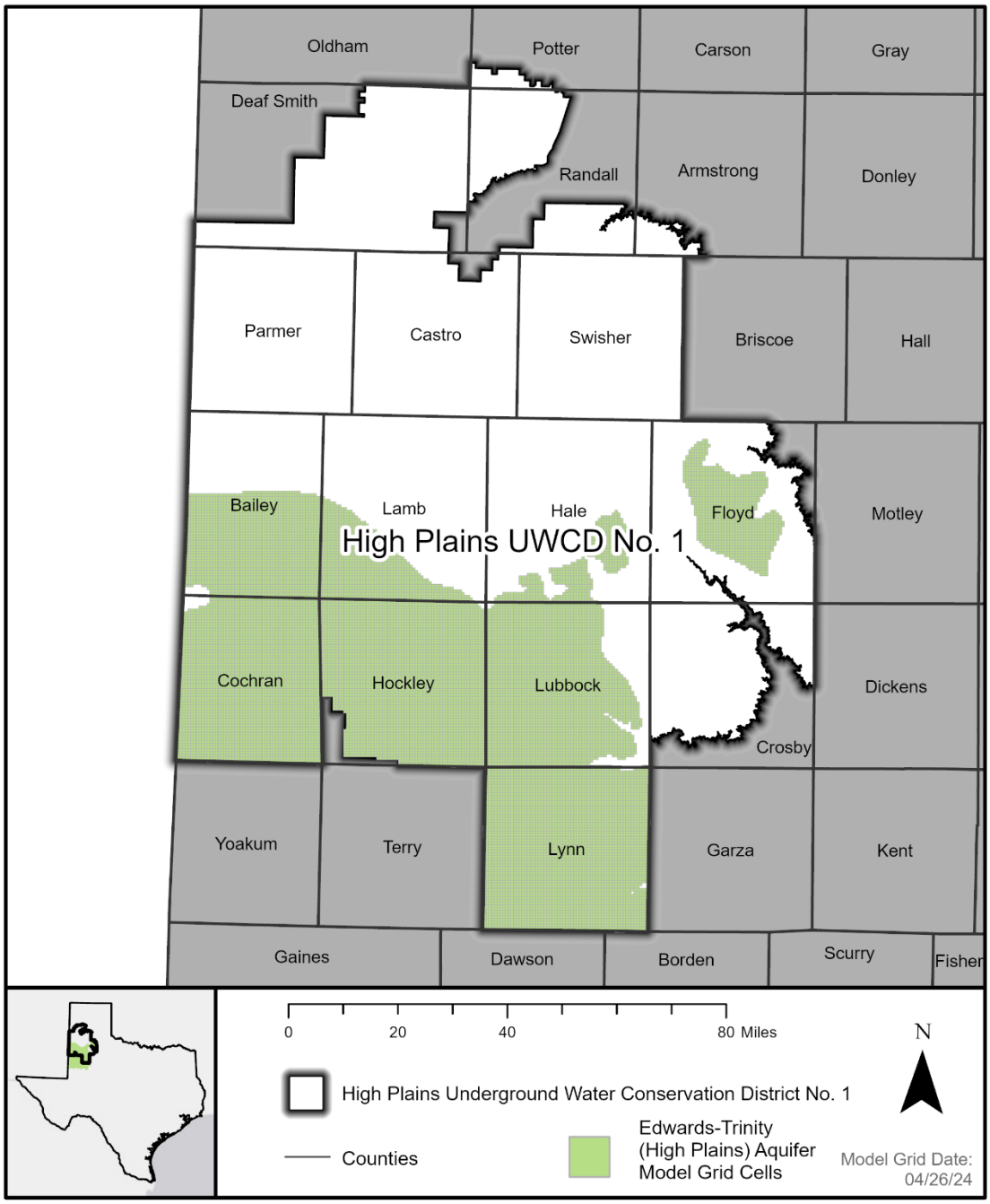
Caveat: This diagram only includes the water budget items provided in the table. A complete water budget would include additional inflows and outflows. For a full groundwater budget, please submit a request in writing to the Groundwater Modeling Department.

Generalized diagram of the summarized budget information representing directions of flow for the Dockum Aquifer within High Plains Underground Water Conservation District No. 1. Flow values expressed in acre-feet per year (AFY).

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HIGH PLAINS UNDERGROUND WATER CONSERVATION DISTRICT NO. 1
EDWARDS-TRINITY (HIGH PLAINS) AQUIFER WATER BUDGETS



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

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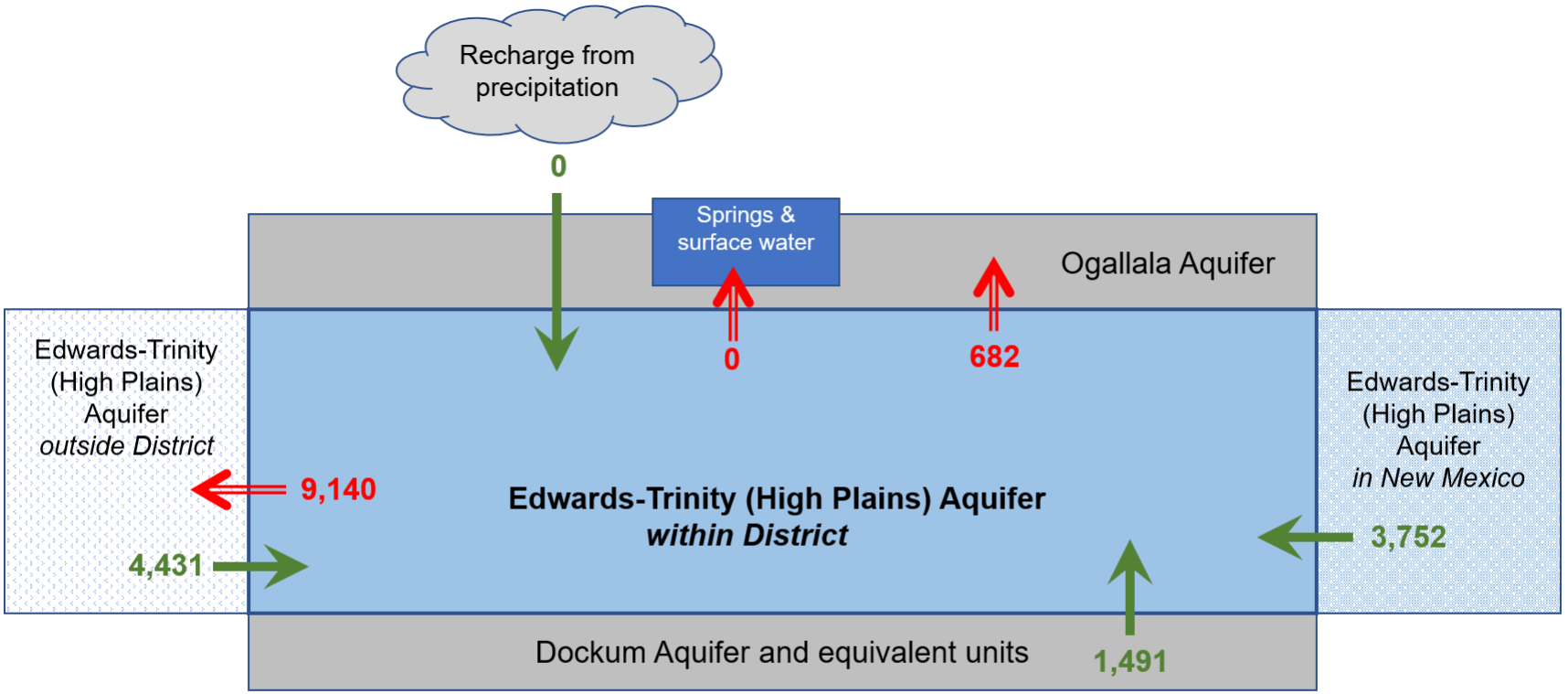
HIGH PLAINS UNDERGROUND WATER CONSERVATION DISTRICT NO. 1
EDWARDS-TRINITY (HIGH PLAINS) AQUIFER WATER BUDGETS

Management Plan requirement	Aquifer or confining unit	Results (acre-feet per year)
Estimated annual amount of recharge from precipitation to the district	Edwards-Trinity (High Plains) Aquifer	0
Estimated annual volume of water that discharges from the aquifer to springs and any surface water body including lakes, streams, and rivers.	Edwards-Trinity (High Plains) Aquifer	0
Estimated annual volume of flow into the district within each aquifer in the district	Edwards-Trinity (High Plains) Aquifer	4,431
Estimated annual volume of flow out of the district within each aquifer in the district	Edwards-Trinity (High Plains) Aquifer	9,140
Estimated net annual volume of flow between each aquifer in the district	Flow to the Edwards-Trinity (High Plains) Aquifer in Texas from the Edwards-Trinity (High Plains) Aquifer in New Mexico	3,752
Estimated net annual volume of flow between each aquifer in the district	Flow from the Edwards-Trinity (High Plains) Aquifer to the Ogallala Aquifer	682
Estimated net annual volume of flow between each aquifer in the district	Flow to the Edwards-Trinity (High Plains) Aquifer from the Dockum Aquifer and Dockum equivalent units	1,491



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HIGH PLAINS UNDERGROUND WATER CONSERVATION DISTRICT NO. 1 EDWARDS-TRINITY (HIGH PLAINS) AQUIFER WATER BUDGETS



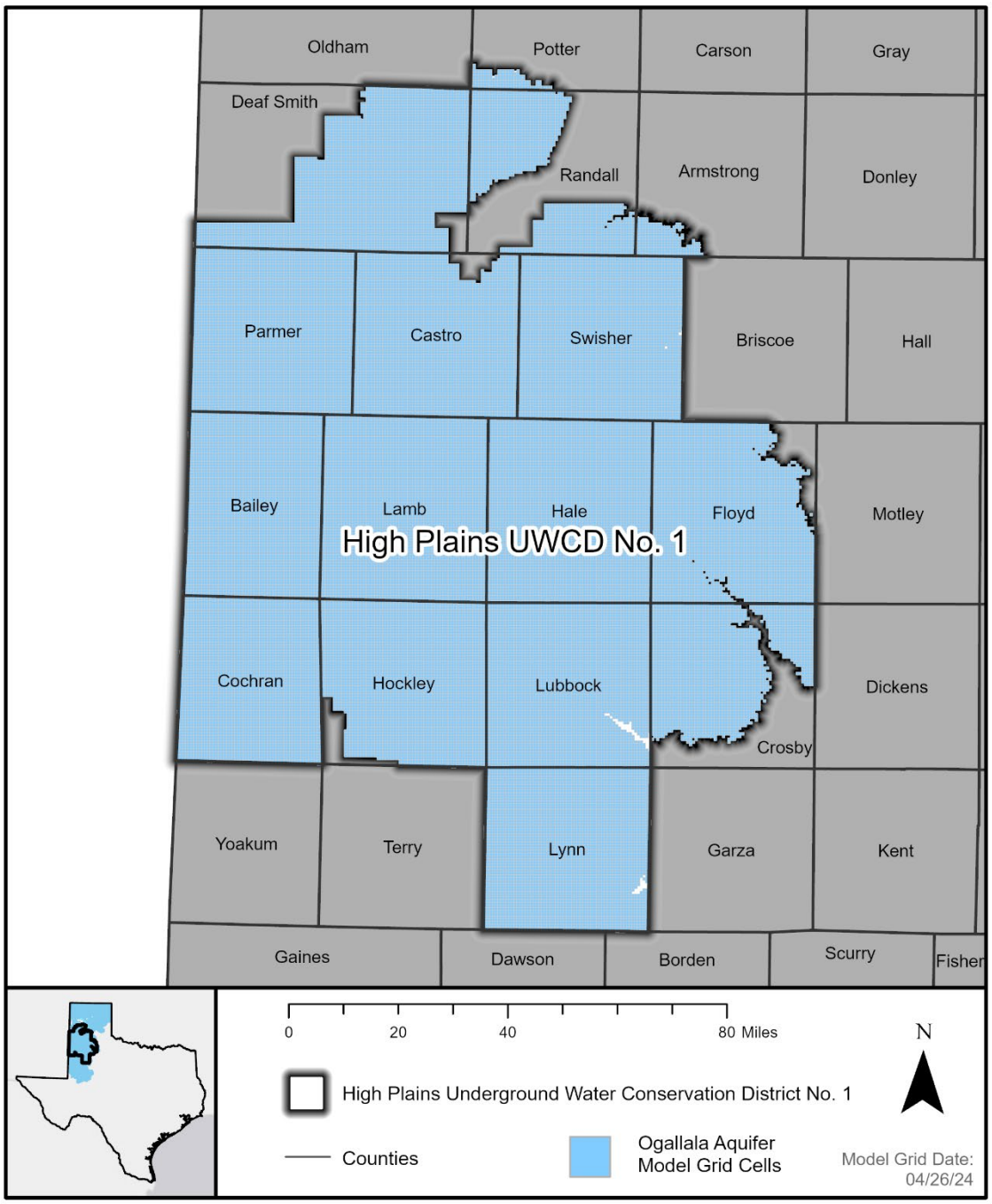
Caveat: This diagram only includes the water budget items provided in the table. A complete water budget would include additional inflows and outflows. For a full groundwater budget, please submit a request in writing to the Groundwater Modeling Department.

Generalized diagram of the summarized budget information representing directions of flow for the Edwards-Trinity (High Plains) Aquifer within High Plains Underground Water Conservation District No. 1. Flow values expressed in acre-feet per year (AFY).

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HIGH PLAINS UNDERGROUND WATER CONSERVATION DISTRICT NO. 1
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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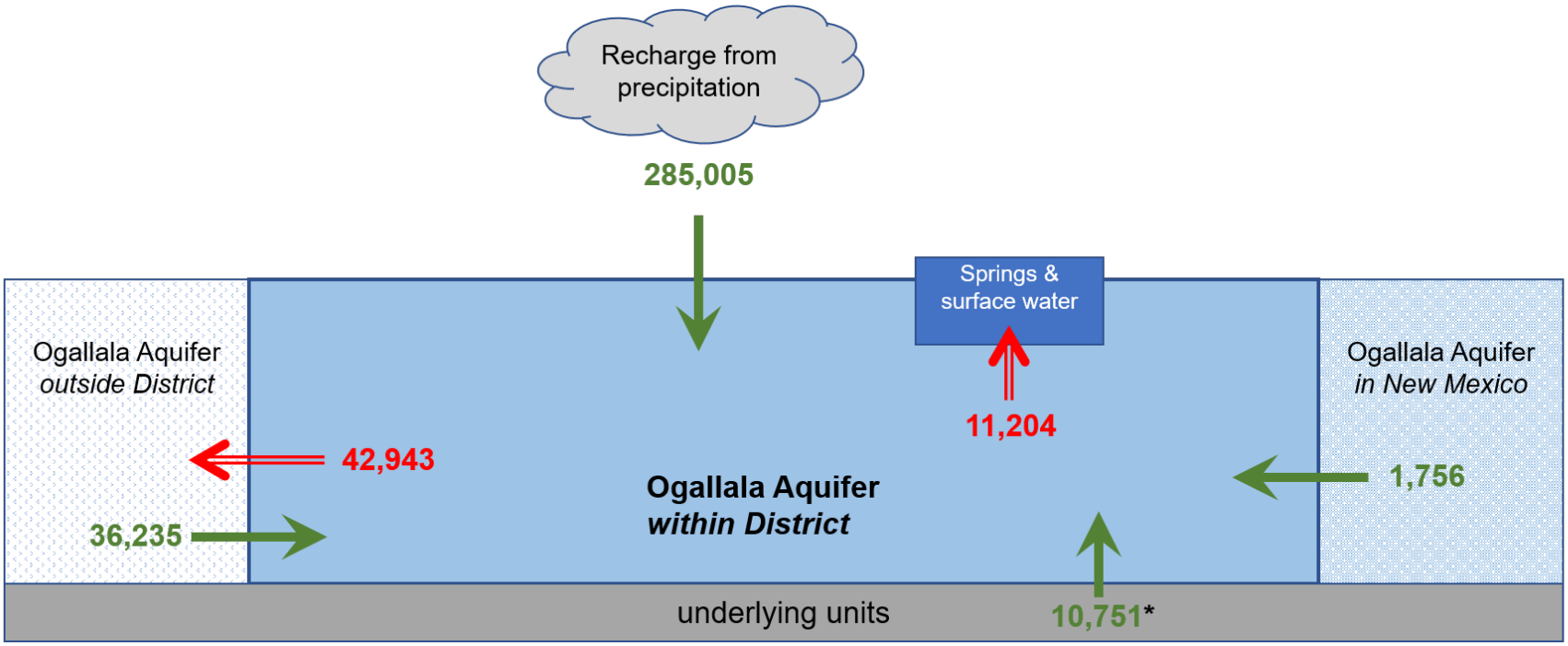
HIGH PLAINS UNDERGROUND WATER CONSERVATION DISTRICT NO. 1
OGALLALA AQUIFER WATER BUDGETS

Management Plan requirement	Aquifer or confining unit	Results (acre-feet per year)
Estimated annual amount of recharge from precipitation to the district	Ogallala Aquifer	285,005
Estimated annual volume of water that discharges from the aquifer to springs and any surface water body including lakes, streams, and rivers.	Ogallala Aquifer	11,204
Estimated annual volume of flow into the district within each aquifer in the district	Ogallala Aquifer	36,235
Estimated annual volume of flow out of the district within each aquifer in the district	Ogallala Aquifer	42,943
Estimated net annual volume of flow between each aquifer in the district	Flow from the Ogallala Aquifer in Texas to the Ogallala Aquifer in New Mexico	1,756
Estimated net annual volume of flow between each aquifer in the district	Flow to the Ogallala Aquifer from the Edwards-Trinity (High Plains) Aquifer	682
Estimated net annual volume of flow between each aquifer in the district	Flow to the Ogallala Aquifer from the Dockum Aquifer and equivalent units	10,069



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HIGH PLAINS UNDERGROUND WATER CONSERVATION DISTRICT NO. 1 OGALLALA AQUIFER WATER BUDGETS



*Flow from underlying units includes net inflows of 682 acre-feet per year from the Edwards-Trinity (High Plains) Aquifer and 10,069 acre-feet per year from the Dockum Aquifer and equivalent units.

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 High Plains Underground Water Conservation District No. 1. Flow values expressed in acre-feet per year (AFY).

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