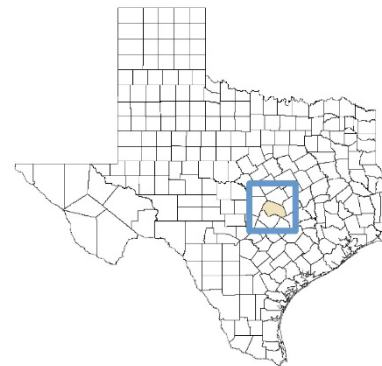


Williamson County Water Supply Planning Information & Resources



This document summarizes key water supply planning information for Williamson County and highlights planning and drought resources available from the Texas Water Development Board (TWDB). This document was developed to support regional water planning group outreach efforts aimed at improving engagement with small and rural entities.

All water utilities in the state are strongly encouraged to participate in the regional water planning process and utilize TWDB resources to ensure sufficient water supplies are available for all Texans in times of drought.

Definitions of common [regional water planning terms and acronyms are available at this link](#).

Future Water Supply Plans

Regional Water Planning

Regional water planning groups are responsible for developing regional water plans every five years based on conditions that the region would face under a recurrence of a historical drought of record. The results of the regional water plans are included in the state water plan and inform state financial assistance and surface water right permitting decisions. The 2026 regional water plans are currently under development and due to the TWDB in October 2025.

Williamson County is partially located in the Brazos G Regional Water Planning Area (Figure 1) and the Lower Colorado (K) Regional Water Planning Area (Figure 2).

Brazos G Regional Water Planning

Region G encompasses all or parts of 37 central Texas counties. To get involved in Region G water planning, visit <https://brazosgwater.org/> or contact the Brazos River Authority at pamela.hannemann@Brazos.org, 254-761-3135.

Lower Colorado (K) Regional Water Planning

Region K encompasses all or parts of 14 counties that stretch from the Central Texas Hill Country to the Gulf of Mexico. To get involved in Region K water planning, visit <https://www.regionk.org/> or contact the Lower Colorado River Authority at monica.masters@lcra.org, 512-473-3200.

2021 Regional Water Plans

The 2021 Brazos G Regional Water Plan and 2021 Lower Colorado (K) Regional Water Plan are available online at <http://www.twdb.texas.gov/waterplanning/rwp/plans/2021/index.asp>.

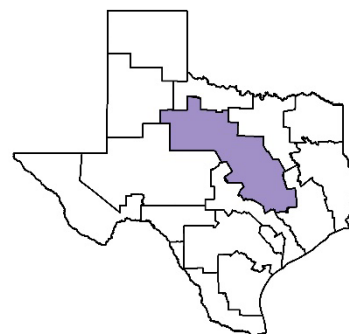


Figure 1 – Brazos G Regional Water Planning Area



Figure 2 – Lower Colorado (K) Regional Water Planning Area

The following highlights from the 2021 regional water plans are included in Attachment I

- Table A1 summarizes current water supply sources, 2020 and 2070 water supply needs, and recommended water management strategies for water user groups in Williamson County.
- Table A2 provides additional context on the severity of the identified water supply needs by expressing the needs as a percentage of each water user group’s total demand. The larger the percent of an entity’s total demand, the more severe a potential shortage may be.
- Table A3 presents unmet needs that remain even if all the recommended strategies in the plan were implemented.

Water Providers in Williamson County

Municipal Water User Groups

Public water systems provide potable water for public use and have at least 15 service connections or serve at least 25 individuals at least 60 days out of the year. Public water systems that provide more than 100 acre-feet of water per year for municipal use are considered municipal water user groups and are individually planned for in the regional water planning process. Note that some municipal water user groups include more than one public water system. Table I lists the Williamson County municipal water user groups for the 2026 regional water plans and associated public water systems that are located in the county.

Table I. Williamson County municipal water user groups and associated public water systems

Water User Group	Associated Public Water Systems(s)
Austin*	CITY OF AUSTIN WATER & WASTEWATER (TX2270001)
Bartlett*	CITY OF BARTLETT (TX2460006) ^R
Bell Milam Falls WSC*	BELL MILAM FALLS WSC (TX0140007) ^R
Block House MUD	BLOCK HOUSE MUD (TX2460110)
Brushy Creek MUD	BRUSHY BEND PARK (TX2460050)**; BRUSHY CREEK MUD (TX2460061)
Cedar Park*	CITY OF CEDAR PARK (TX2460009)
Fern Bluff MUD	FERN BLUFF MUD (TX2460128)
Florence	CITY OF FLORENCE (TX2460005) ^R
Georgetown*	CITY OF GEORGETOWN (TX2460001)
Granger	CITY OF GRANGER (TX2460002) ^{R**}
Hutto	CITY OF HUTTO (TX2460007)
Jarrell-Schwertner*	CITY OF JARRELL (TX2460169) ^R ; JARRELL SCHWERTNER WSC (TX2460011) ^R
Jonah Water SUD	JONAH WATER SUD (TX2460022)
Lakeside MUD 3*	LAKESIDE MUD 3 (TX2270422)
Leander*	CITY OF LEANDER (TX2460012)
Liberty Hill	CITY OF LIBERTY HILL (TX2460013) ^R
Manville WSC*	MANVILLE WSC (TX2270033)
Noack WSC	NOACK WSC (TX2460020)
North Austin MUD 1*	NORTH AUSTIN MUD 1 (TX2270226)

Water User Group	Associated Public Water Systems(s)
Paloma Lake MUD 1	PALOMA LAKE MUD 1 (TX2460164)
Paloma Lake MUD 2	PALOMA LAKE MUD 2 (TX2460165)
Round Rock*	CITY OF ROUND ROCK (TX2460003)
Sonterra MUD	SONTERRA MUD (TX2460157) ^R
Southwest Milam WSC*	SOUTHWEST MILAM WSC (TX1660015) ^R
Taylor	CITY OF TAYLOR (TX2460004)
Vista Oaks MUD	VISTA OAKS MUD (TX2460139)
Walsh Ranch MUD	WALSH RANCH MUD (TX2460160)
Wells Branch MUD*	WELLS BRANCH MUD 1 (TX2270227)
Williamson County MUD 10	WILLIAMSON COUNTY MUD 10 (TX2460145)
Williamson County MUD 11	WILLIAMSON COUNTY MUD 11 (TX2460159)
Williamson County WSID 3*	WILLIAMSON COUNTY WSID 3 (TX2460152)
Williamson Travis Counties MUD 1*	WILLIAMSON TRAVIS COUNTY MUD 1 (TX2460120)

^R Public water system meets the definition of a rural political subdivision as defined in [Texas Water Code 15.001\(14\)](#).

* Water user group is split by more than one county. Public water systems associated with the water user group and located in Williamson County are shown.

** Current records show that the public water system did not submit a water use survey response in 2023.

County-Other Water Systems

County-other water systems are a subset of public water systems that provide on average less than 100 acre-feet of water per year for municipal use. For TWDB planning purposes, the following systems will be grouped together and planned for under the County-Other, Williamson water user group category in the 2026 regional water plans:

- BLESSING MOBILE HOME PARK (TX2460031)**
- CITY OF THRALL (TX2460015)^R
- DURHAM PARK WSC (TX2460038)^R
- HIGH GABRIEL WSC (TX2460027)
- LIBERTY GREENLINE (TX2460162)
- ROUND ROCK RANCH PUD UTILITY COMPANY (TX2460161)**
- SAN GABRIEL RIVER RANCHES (TX2460046)**
- SOUTH SAN GABRIEL RANCHES (TX2460026)**
- SUNNY CREEK MHC (TX2460144)
- TAL TEX (TX2460064)**
- WEIR WATER WORKS (TX2460017)**

^R Public water system meets the definition of a rural political subdivision as defined in [Texas Water Code 15.001\(14\)](#).

** Current records show that the public water system did not submit a water use survey response in 2023.

Status of Water Systems and Supply

This section highlights potentially vulnerable water systems in Williamson County that serve a population of 7,500 or less and rely on a single water source and systems that have recently reported having 180 days or less of available supply.

Entities that are identified as 7,500 / sole source

The following entities were identified in the 2021 regional water plans as having a 2010 population less than 7,500 and relying on a sole source for their water supply regardless of whether that water is provided by a wholesale water provider. These entities are highlighted since they may be more vulnerable in times of drought or in the event of a loss of water supply.

- Bartlett*
- Block House MUD
- Fern Bluff MUD
- Florence
- Granger
- Jarrell-Schwertner*
- Paloma Lake MUD 1
- Paloma Lake MUD 2
- Thorndale*
- Walsh Ranch MUD
- Williamson County MUD 10
- Williamson County MUD 11
- Williamson County MUD 9
- Williamson Travis Counties MUD 1*

* Water user group is split by more than one county.

The 2021 regional water plans present potential emergency response options for entities with populations less than 7,500 that rely on a sole source and county-other water user groups in the region. Emergency response options could potentially include addition of a local groundwater well, trucking in water, importing supply from a nearby entity, or utilizing existing emergency interconnects. For the temporary emergency response options identified for entities in Williamson County, see [Chapter 7](#) of the 2021 Brazos G Regional Water Plan and 2021 Lower Colorado (K) Regional Water Plan.

180-day Priority List occurrences

Retail public utilities are required by the Texas Commission on Environmental Quality (TCEQ) to report when the utility is reasonably certain that its water supply will be available for less than 180 days. Between January 2016 and November 2023, the following public water systems in Williamson County reported to TCEQ as having approximately 180 days or less of water supply remaining:

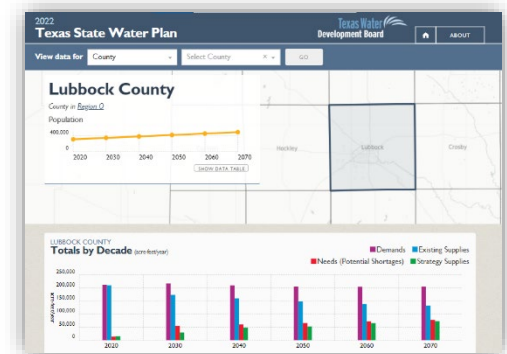
- City of Florence (TX2460005)

Key TWDB Resources for Water Planning & Drought

Interactive State Water Plan

The online [Interactive State Water Plan](https://texasstatewaterplan.org/) provides access to detailed planning data presented at varying geographic levels, through maps, tables, and additional graphics. Users can customize what they see, for example, by selecting data associated with a specific water use category or from a specific planning decade. The displayed data is also downloadable in a spreadsheet format.

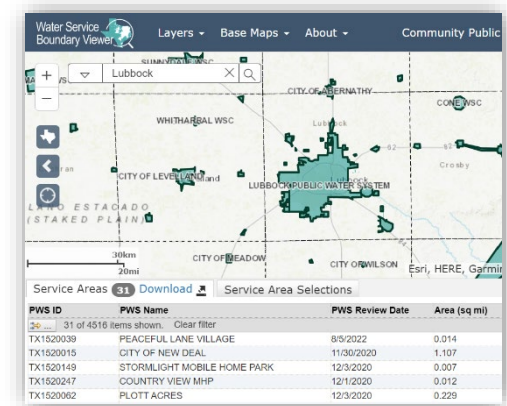
To explore detailed planning data for Williamson County in the Interactive State Water Plan, visit <https://texasstatewaterplan.org/>.



Texas Water Service Boundary Viewer

The Texas Water Service Boundary Viewer (TWSBV) is a public water system service area mapping application that strives to provide the most up-to-date and best data available on the service areas for all community public water systems within Texas. The TWSBV also provides links to supplemental public water system information, including system specific data from the Drinking Water Watch (maintained by the TCEQ) as well as water use survey information.

The application is used to collect accurate retail water service boundaries to better estimate and project utility population and rural population not served by a system for the regional and state water plans.



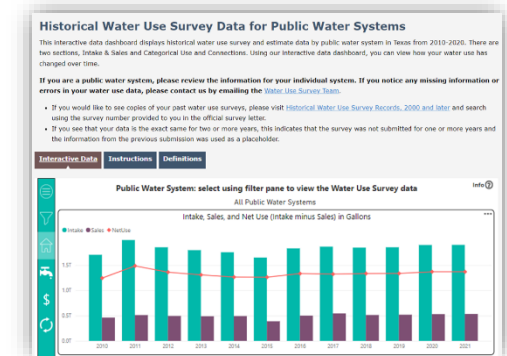
Water systems are encouraged to use the application to verify that their service area boundaries on file are accurate and update them if changes have occurred. Information for editors (utilities) is available at: <http://bit.ly/ServiceBoundaryEditor>.

The public can view water system areas on file at <https://www2.twdb.texas.gov/apps/WaterServiceBoundaries>.

Water Use Survey

The TWDB is legislatively directed to provide planning and financial assistance for the development and management of water resources in Texas. This activity is dependent upon the accuracy and completeness of the information that water users provide in the annual Water Use Survey.

The TWDB annually collects and maintains information concerning current state water use in various reports accessible here: <https://www.twdb.texas.gov/waterplanning/waterusesurvey/estimates>



TWDB Water Loss Resources

Reducing water loss offers utilities the ability to increase their water use efficiency, improve their financial status, and assist with long-term water sustainability. Currently, all retail public water systems with more than 3,300 connections or a financial obligation to TWDB are required to annually complete and submit a [Water Loss Audit](#). All other retail public water suppliers are required to submit a water loss audit to the TWDB every five years. Water loss audits are required to be submitted by an individual [trained](#) in water loss auditing.

Water loss audits help determine the appropriate actions for water loss control but, only if the water loss audit data is validated. Starting in 2025, a Water Loss Audit is required to be validated if the utility has an existing financial obligation to TWDB or is applying financial assistance from TWDB. Visit the TWDB [Water Loss Audit Validation](#) webpage for more information.

TWDB staff are available to provide water loss audit assistance and work with utility staff to better understand how water loss audits can benefit their utility. For more information on leak detection, how to collect and report accurate data, and data validation, visit <https://www.twdb.texas.gov/conservation/municipal/waterloss/>.

TWDB Drought Resources

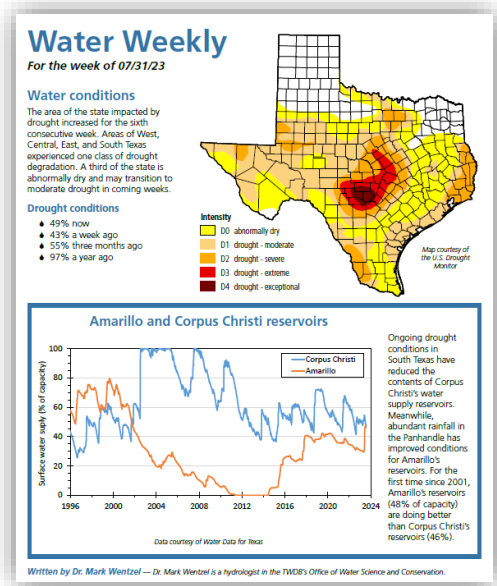
The TWDB offers a variety of resources to assist Texans with drought response and preparedness on the [TWDB Drought Resources webpage](#), including

[Water Data for Texas](#): Water Data for Texas provides information on reservoir storage levels, lake evaporation and precipitation, and water levels at the automated groundwater level wells among other types of information.

[Drought Dashboard](#): The TWDB's drought dashboard provides information on conditions across the state, including rainfall, temperature, streamflow, and soil moisture as well as various drought indices and U.S. Drought Monitor status.

[Water Weekly](#): Water weekly provides a weekly summary of drought conditions across the state.

[Texas Water Conditions Report](#): Report provides a monthly summary of the state's drought and water conditions.



TWDB Financial Assistance Programs

The TWDB offers a variety of cost-effective loan and grant programs that provide for the planning, acquisition, design, and construction of water related infrastructure and other water quality improvements. [Urgent need funding is available through the Drinking Water State Revolving Fund](#) to assist communities with addressing unforeseen situations that require immediate attention to protect public health and safety.

For more information about TWDB financial assistance programs, visit <http://www.twdb.texas.gov/financial/>, or contact TWDB at 512-463-0991, Financial_Assistance@twdb.texas.gov.

Texas Division of Emergency Management (TDEM)

The TDEM coordinates the state emergency management program, which is intended to ensure the state and its local governments respond to and recover from emergencies and disasters and implement plans and programs to help prevent or lessen the impact of emergencies and disasters. The chief of TDEM is the state drought manager and is responsible for managing and coordinating the drought response component of the state water plan. For more information, visit <https://www.tdem.texas.gov/> or contact 512-424-2208.

Texas Commission on Environmental Quality (TCEQ)

The TCEQ provides hands-on assistance to communities responding to drought, consults with public water systems about implementing drought contingency plans, tracks public drinking water systems under water-use restrictions, actively manages water in Watermaster Programs, answers the public drought-information hot line: 800-447-2827, and offers drought information on its website: <https://www.tceq.texas.gov/response/drought>.

In the event of a drinking water emergency, contact your [TCEQ regional office](#). For after-hours emergencies, call 1-888-777-3186.

Attachment I – 2021 Regional Water Plan Summary Tables

Table AI. Williamson County planning summary

Water User Group	Current Water Supply Sources	2020 Water Need (acre-feet/year)	2070 Water Need (acre-feet/year)	Recommended Water Management Strategies
Austin*	Colorado Run-of-River; Direct Reuse; Highland Lakes Lake/Reservoir System	0	8,770	Aquifer storage and recovery; Drought management; Groundwater desalination; Indirect reuse; Municipal conservation; New major reservoir; Other direct reuse; Other strategies; Other surface water
Bartlett*	Trinity Aquifer	183	382	Municipal conservation; Other surface water
Bell Milam Falls WSC*	Brazos River Authority Little River Lake/Reservoir System; Trinity Aquifer	0	0	Municipal conservation
Block House MUD	Highland Lakes Lake/Reservoir System	0	0	None
Brushy Creek MUD	Brazos River Authority Little River Lake/Reservoir System; Edwards-BFZ Aquifer	246	231	Conjunctive use; Municipal conservation; Other surface water
Cedar Park*	Highland Lakes Lake/Reservoir System	3,500	5,427	Drought management; Municipal conservation; Other direct reuse; Other surface water
County-Other, Williamson	Brazos River Authority Little River Lake/Reservoir System; Colorado Run-of-River; Edwards-BFZ Aquifer; Highland Lakes Lake/Reservoir System; Other Aquifer; Trinity Aquifer	808	37,814	Aquifer storage and recovery; Drought management; Groundwater wells and other; Municipal conservation; Other surface water
Fern Bluff MUD	Brazos River Authority Little River Lake/Reservoir System	0	0	Municipal conservation
Florence	Trinity Aquifer	35	72	Other surface water
Georgetown*	Brazos River Authority Little River Lake/Reservoir System; Edwards-BFZ Aquifer	10,272	66,632	Aquifer storage and recovery; Drought management; Municipal conservation; Other direct reuse; Other surface water
Granger	Trinity Aquifer	0	56	Other surface water

Water User Group	Current Water Supply Sources	2020 Water Need (acre-feet/year)	2070 Water Need (acre-feet/year)	Recommended Water Management Strategies
Hutto	Brazos River Authority Little River Lake/Reservoir System; Edwards-BFZ Aquifer	907	10,703	Groundwater wells and other; Other surface water
Irrigation, Williamson	Brazos River Authority Little River Lake/Reservoir System; Brazos Run-of-River; Edwards-BFZ Aquifer; Trinity Aquifer	172	172	Agricultural conservation; Conjunctive use; Groundwater wells and other
Jarrell-Schwertner*	Brazos River Authority Little River Lake/Reservoir System	0	0	Conjunctive use
Jonah Water SUD	Brazos River Authority Little River Lake/Reservoir System; Edwards-BFZ Aquifer	0	0	Municipal conservation
Leander*	Highland Lakes Lake/Reservoir System	1,681	22,322	Drought management; New major reservoir; Other surface water
Liberty Hill	Brazos River Authority Little River Lake/Reservoir System; Trinity Aquifer	90	90	Other surface water
Livestock, Williamson	Brazos Livestock Local Supply	0	0	None
Manufacturing, Williamson	Brazos River Authority Little River Lake/Reservoir System; Edwards-BFZ Aquifer; Highland Lakes Lake/Reservoir System; Trinity Aquifer	0	0	None
Manville WSC*	Carrizo-Wilcox Aquifer; Edwards-BFZ Aquifer; Highland Lakes Lake/Reservoir System; Other Aquifer; Trinity Aquifer	0	1,696	Drought management; Groundwater wells and other; Municipal conservation
Mining, Williamson	Brazos River Authority Little River Lake/Reservoir System; Edwards-BFZ Aquifer; Trinity Aquifer	4,722	10,745	Industrial conservation
North Austin MUD I*	Colorado Run-of-River	0	786	Drought management; New major reservoir
Paloma Lake MUD I	Brazos River Authority Little River Lake/Reservoir System	0	0	None

Water User Group	Current Water Supply Sources	2020 Water Need (acre-feet/year)	2070 Water Need (acre-feet/year)	Recommended Water Management Strategies
Paloma Lake MUD 2	Brazos River Authority Little River Lake/Reservoir System	0	0	None
Pflugerville*	Edwards-BFZ Aquifer; Highland Lakes Lake/Reservoir System	0	9,220	Drought management; Groundwater wells and other; Municipal conservation; New major reservoir
Round Rock*	Brazos River Authority Little River Lake/Reservoir System; Edwards-BFZ Aquifer; Highland Lakes Lake/Reservoir System	0	16,566	Conjunctive use; Drought management; Groundwater wells and other; Municipal conservation; Other surface water
Sonterra MUD	Brazos River Authority Little River Lake/Reservoir System; Edwards-BFZ Aquifer	0	0	None
Southwest Milam WSC*	Carrizo-Wilcox Aquifer	0	619	Groundwater wells and other; Municipal conservation
Taylor	Brazos River Authority Little River Lake/Reservoir System	0	0	Conjunctive use; Municipal conservation
Thorndale*	Carrizo-Wilcox Aquifer	0	10	Aquifer storage and recovery
Walsh Ranch MUD	Brazos River Authority Little River Lake/Reservoir System	0	0	Municipal conservation
Wells Branch MUD*	Colorado Run-of-River	0	1,371	Drought management; New major reservoir
Williamson County MUD 10	Brazos River Authority Little River Lake/Reservoir System	0	0	Municipal conservation
Williamson County MUD 11	Brazos River Authority Little River Lake/Reservoir System	0	0	Municipal conservation
Williamson County MUD 9	Brazos River Authority Little River Lake/Reservoir System	0	0	Municipal conservation
Williamson County WSID 3*	Carrizo-Wilcox Aquifer; Trinity Aquifer	0	0	Drought management
Williamson Travis Counties MUD 1*	Highland Lakes Lake/Reservoir System	0	0	Drought management

* Water user group is split by more than one county. Table presents the water user group's total summary data for all related counties.

Table A2. Williamson County projected needs of every water user group, as a share of total demand (percent)

Water User Group	2020	2030	2040	2050	2060	2070
Austin*	-	-	-	-	-	3
Bartlett*	51	55	59	62	66	69
Bell Milam Falls WSC*	-	-	-	-	-	-
Block House MUD	-	-	-	-	-	-
Brushy Creek MUD	8	7	6	7	7	8
Cedar Park*	18	26	26	26	26	26
County-Other, Williamson	13	-	39	59	80	86
Fern Bluff MUD	-	-	-	-	-	-
Florence	27	29	31	35	38	43
Georgetown*	38	55	65	73	80	85
Granger	-	-	-	6	13	20
Hutto	44	72	74	82	88	90
Irrigation, Williamson	52	52	52	52	52	52
Jarrell-Schwertner*	-	-	-	-	-	-
Jonah Water SUD	-	-	-	-	-	-
Leander*	21	52	62	68	73	78
Liberty Hill	41	34	27	23	19	16
Livestock, Williamson	-	-	-	-	-	-
Manufacturing, Williamson	-	-	-	-	-	-
Manville WSC*	-	-	-	-	6	18
Mining, Williamson	91	93	94	95	95	96
North Austin MUD 1*	-	-	100	100	100	100
Paloma Lake MUD 1	-	-	-	-	-	-
Paloma Lake MUD 2	-	-	-	-	-	-
Pflugerville*	-	6	23	35	43	43
Round Rock*	-	11	29	43	43	44
Sonterra MUD	-	-	-	-	-	-
Southwest Milam WSC*	-	14	25	21	24	29
Taylor	-	-	-	-	-	-
Thorndale*	-	-	-	-	1	5
Walsh Ranch MUD	-	-	-	-	-	-
Wells Branch MUD*	-	-	100	100	100	100
Williamson County MUD 10	-	-	-	-	-	-
Williamson County MUD 11	-	-	-	-	-	-
Williamson County MUD 9	-	-	-	-	-	-
Williamson County WSID 3*	-	-	-	-	-	-
Williamson Travis Counties MUD 1*	-	-	-	-	-	-

* Water user group is split by more than one county. Table presents the water user group's total data for all related counties.


 Color graded scale of needs as a share of demand from 0 (green) to 100 percent (red). **Bold indicates needs are 100 percent met by implementation of the plan.**

Table A3. Williamson County unmet needs (acre-feet per year)

Water User Group	2020	2030	2040	2050	2060	2070
County-Other, Williamson	32	0	0	0	0	0
Georgetown*	10,307	0	0	0	0	0
Hutto	907	0	0	0	0	0
Irrigation, Williamson	0	0	0	146	146	146
Mining, Williamson	4,567	5,493	6,407	7,515	8,656	9,962

* Water user group is split by more than one county. Table presents the water user group’s total unmet needs for all related counties.



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