

**Groundwater Management Area (GMA) 12**  
**Modeled Available Groundwater for Relevant Aquifers by Groundwater Conservation District (GCD)**  
**2021 Joint Planning**

<b>Brazos Valley GCD</b>								
GCD	Aquifer	County	Modeled Available Groundwater (acre-feet per year)					
			2020	2030	2040	2050	2060	2070
Brazos Valley GCD	Brazos River Alluvium	Brazos	77,816	76,978	76,393	76,195	76,100	76,039
Brazos Valley GCD	Brazos River Alluvium	Robertson	55,907	55,424	55,157	54,839	54,723	54,618
Brazos Valley GCD	Carrizo-Wilcox (Calvert Bluff)	Brazos	0	0	0	0	0	0
Brazos Valley GCD	Carrizo-Wilcox (Calvert Bluff)	Robertson	252	546	841	1,136	1,430	1,725
Brazos Valley GCD	Carrizo-Wilcox (Carrizo)	Brazos	864	1,444	2,023	2,603	3,183	3,763
Brazos Valley GCD	Carrizo-Wilcox (Carrizo)	Robertson	81	412	743	1,074	1,405	1,736
Brazos Valley GCD	Carrizo-Wilcox (Hooper)	Brazos	0	0	0	0	0	0
Brazos Valley GCD	Carrizo-Wilcox (Hooper)	Robertson	798	1,066	1,334	1,603	1,871	2,139
Brazos Valley GCD	Carrizo-Wilcox (Simsboro)	Brazos	37,282	42,709	48,137	53,565	58,993	64,421
Brazos Valley GCD	Carrizo-Wilcox (Simsboro)	Robertson	38,219	47,140	56,061	64,982	73,903	82,824
Brazos Valley GCD	Queen City	Brazos	133	245	357	469	582	694
Brazos Valley GCD	Queen City	Robertson	36	144	252	359	467	575
Brazos Valley GCD	Sparta	Brazos	4,483	6,014	7,545	9,076	10,607	12,138
Brazos Valley GCD	Sparta	Robertson	167	338	509	680	851	1,022
Brazos Valley GCD	Yegua-Jackson	Brazos	4,207	6,270	7,092	7,091	7,091	7,091
<b>Brazos Valley GCD Totals</b>								
<b>Brazos River Alluvium Aquifer</b>			<b>133,723</b>	<b>132,402</b>	<b>131,550</b>	<b>131,034</b>	<b>130,823</b>	<b>130,657</b>
<b>Carrizo-Wilcox (Calvert Bluff)</b>			<b>252</b>	<b>546</b>	<b>841</b>	<b>1,136</b>	<b>1,430</b>	<b>1,725</b>
<b>Carrizo-Wilcox (Carrizo)</b>			<b>945</b>	<b>1,856</b>	<b>2,766</b>	<b>3,677</b>	<b>4,588</b>	<b>5,499</b>
<b>Carrizo-Wilcox (Hooper)</b>			<b>798</b>	<b>1,066</b>	<b>1,334</b>	<b>1,603</b>	<b>1,871</b>	<b>2,139</b>
<b>Carrizo-Wilcox (Simsboro)</b>			<b>75,501</b>	<b>89,849</b>	<b>104,198</b>	<b>118,547</b>	<b>132,896</b>	<b>147,245</b>
<b>Queen City Aquifer</b>			<b>169</b>	<b>389</b>	<b>609</b>	<b>828</b>	<b>1,049</b>	<b>1,269</b>
<b>Sparta Aquifer</b>			<b>4,650</b>	<b>6,352</b>	<b>8,054</b>	<b>9,756</b>	<b>11,458</b>	<b>13,160</b>
<b>Yegua-Jackson Aquifer</b>			<b>4,207</b>	<b>6,270</b>	<b>7,092</b>	<b>7,091</b>	<b>7,091</b>	<b>7,091</b>

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**Modeled Available Groundwater for Relevant Aquifers by Groundwater Conservation District (GCD)**  
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Fayette County GCD								
GCD	Aquifer	County	Modeled Available Groundwater (acre-feet per year)					
			2020	2030	2040	2050	2060	2070
Fayette County GCD	Carrizo-Wilcox (Carrizo)	Fayette	5,155	5,155	5,155	5,155	5,155	5,155
Fayette County GCD	Queen City	Fayette	2,694	2,715	2,737	2,761	2,786	2,813
Fayette County GCD	Sparta	Fayette	2,765	2,779	2,783	2,796	2,828	2,853
Fayette County GCD	Yegua-Jackson	Fayette	9,984	9,984	9,984	9,983	9,983	9,983
<i>Note: Fayette County GCD Values are for all of Fayette County.</i>								

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Lost Pines GCD								
GCD	Aquifer	County	Modeled Available Groundwater (acre-feet per year)					
			2020	2030	2040	2050	2060	2070
Lost Pines GCD	Carrizo-Wilcox (Calvert Bluff)	Bastrop	1,837	2,419	3,010	3,609	4,217	4,834
Lost Pines GCD	Carrizo-Wilcox (Calvert Bluff)	Lee	318	395	475	557	642	729
Lost Pines GCD	Carrizo-Wilcox (Carrizo)	Bastrop	2,591	3,451	4,416	5,533	6,873	8,534
Lost Pines GCD	Carrizo-Wilcox (Carrizo)	Lee	2,125	2,452	2,821	3,255	3,783	4,446
Lost Pines GCD	Carrizo-Wilcox (Hooper)	Bastrop	1,664	1,957	2,259	2,572	2,897	3,234
Lost Pines GCD	Carrizo-Wilcox (Hooper)	Lee	27	30	32	35	40	44
Lost Pines GCD	Carrizo-Wilcox (Simsboro)	Bastrop	16,424	38,836	41,484	43,946	46,429	48,977
Lost Pines GCD	Carrizo-Wilcox (Simsboro)	Lee	3,940	26,406	27,620	28,836	30,052	30,968
Lost Pines GCD	Queen City	Bastrop	469	519	573	632	698	771
Lost Pines GCD	Queen City	Lee	640	700	767	839	917	1,000
Lost Pines GCD	Sparta	Bastrop	368	437	529	644	788	972
Lost Pines GCD	Sparta	Lee	674	809	975	1,181	1,434	1,751
Lost Pines GCD Totals								
	<b>Carrizo-Wilcox (Calvert Bluff)</b>		<b>2,155</b>	<b>2,814</b>	<b>3,485</b>	<b>4,166</b>	<b>4,859</b>	<b>5,563</b>
	<b>Carrizo-Wilcox (Carrizo)</b>		<b>4,716</b>	<b>5,903</b>	<b>7,237</b>	<b>8,788</b>	<b>10,656</b>	<b>12,980</b>
	<b>Carrizo-Wilcox (Hooper)</b>		<b>1,691</b>	<b>1,987</b>	<b>2,291</b>	<b>2,607</b>	<b>2,937</b>	<b>3,278</b>
	<b>Carrizo-Wilcox (Simsboro)</b>		<b>20,364</b>	<b>65,242</b>	<b>69,104</b>	<b>72,782</b>	<b>76,481</b>	<b>79,945</b>
	<b>Queen City Aquifer</b>		<b>1,109</b>	<b>1,219</b>	<b>1,340</b>	<b>1,471</b>	<b>1,615</b>	<b>1,771</b>
	<b>Sparta Aquifer</b>		<b>1,042</b>	<b>1,246</b>	<b>1,504</b>	<b>1,825</b>	<b>2,222</b>	<b>2,723</b>

**Groundwater Management Area (GMA) 12**  
**Modeled Available Groundwater for Relevant Aquifers by Groundwater Conservation District (GCD)**  
**2021 Joint Planning**

Mid-East Texas GCD								
GCD	Aquifer	County	Modeled Available Groundwater (acre-feet per year)					
			2020	2030	2040	2050	2060	2070
Mid-East Texas GCD	Carrizo-Wilcox (Calvert Bluff)	Freestone	590	613	637	661	685	706
Mid-East Texas GCD	Carrizo-Wilcox (Calvert Bluff)	Leon	1,832	2,176	2,519	2,863	3,206	3,515
Mid-East Texas GCD	Carrizo-Wilcox (Calvert Bluff)	Madison	0	0	0	0	0	0
Mid-East Texas GCD	Carrizo-Wilcox (Carrizo)	Freestone	79	79	79	79	79	79
Mid-East Texas GCD	Carrizo-Wilcox (Carrizo)	Leon	5,356	6,396	7,435	8,474	9,514	10,450
Mid-East Texas GCD	Carrizo-Wilcox (Carrizo)	Madison	0	0	0	0	0	0
Mid-East Texas GCD	Carrizo-Wilcox (Hooper)	Freestone	2,642	3,140	3,639	4,138	4,637	5,085
Mid-East Texas GCD	Carrizo-Wilcox (Hooper)	Leon	85	102	118	135	152	167
Mid-East Texas GCD	Carrizo-Wilcox (Hooper)	Madison	0	0	0	0	0	0
Mid-East Texas GCD	Carrizo-Wilcox (Simsboro)	Freestone	2,843	3,371	3,900	4,429	4,958	5,434
Mid-East Texas GCD	Carrizo-Wilcox (Simsboro)	Leon	733	876	1,020	1,163	1,307	1,436
Mid-East Texas GCD	Carrizo-Wilcox (Simsboro)	Madison	0	0	0	0	0	0
Mid-East Texas GCD	Queen City	Freestone	77	77	77	77	77	77
Mid-East Texas GCD	Queen City	Leon	871	919	967	1,014	1,063	1,106
Mid-East Texas GCD	Queen City	Madison	221	264	308	351	394	433
Mid-East Texas GCD	Sparta	Leon	249	248	249	251	253	254
Mid-East Texas GCD	Sparta	Madison	1,589	1,900	2,211	2,523	2,834	3,115
Mid-East Texas GCD	Yegua-Jackson	Leon	0	0	0	0	0	0
Mid-East Texas GCD	Yegua-Jackson	Madison	1,122	1,122	1,122	1,122	1,122	1,122

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Mid-East Texas GCD								
GCD	Aquifer	County	Modeled Available Groundwater (acre-feet per year)					
			2020	2030	2040	2050	2060	2070
<b>Mid-East Texas GCD Totals</b>								
	<b>Carrizo-Wilcox (Calvert Bluff)</b>		<b>2,422</b>	<b>2,789</b>	<b>3,156</b>	<b>3,524</b>	<b>3,891</b>	<b>4,221</b>
	<b>Carrizo-Wilcox (Carrizo)</b>		<b>5,435</b>	<b>6,475</b>	<b>7,514</b>	<b>8,553</b>	<b>9,593</b>	<b>10,529</b>
	<b>Carrizo-Wilcox (Hooper)</b>		<b>2,727</b>	<b>3,242</b>	<b>3,757</b>	<b>4,273</b>	<b>4,789</b>	<b>5,252</b>
	<b>Carrizo-Wilcox (Simsboro)</b>		<b>3,576</b>	<b>4,247</b>	<b>4,920</b>	<b>5,592</b>	<b>6,265</b>	<b>6,870</b>
	<b>Queen City Aquifer</b>		<b>1,169</b>	<b>1,260</b>	<b>1,352</b>	<b>1,442</b>	<b>1,534</b>	<b>1,616</b>
	<b>Sparta Aquifer</b>		<b>1,838</b>	<b>2,148</b>	<b>2,460</b>	<b>2,774</b>	<b>3,087</b>	<b>3,369</b>
	<b>Yegua-Jackson Aquifer</b>		<b>1,122</b>	<b>1,122</b>	<b>1,122</b>	<b>1,122</b>	<b>1,122</b>	<b>1,122</b>

**Groundwater Management Area (GMA) 12**  
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Post Oak Savannah GCD								
GCD	Aquifer	County	Modeled Available Groundwater (acre-feet per year)					
			2020	2030	2040	2050	2060	2070
Post Oak Savannah GCD	Brazos River Alluvium	Burleson	32,222	32,207	32,207	32,206	32,206	32,206
Post Oak Savannah GCD	Brazos River Alluvium	Milam	31,412	31,375	31,366	31,362	31,359	31,358
Post Oak Savannah GCD	Carrizo-Wilcox (Calvert Bluff)	Burleson	117	129	140	152	163	174
Post Oak Savannah GCD	Carrizo-Wilcox (Calvert Bluff)	Milam	2,062	2,811	3,162	3,558	4,012	4,532
Post Oak Savannah GCD	Carrizo-Wilcox (Carrizo)	Burleson	10,669	16,656	16,806	16,956	17,108	17,261
Post Oak Savannah GCD	Carrizo-Wilcox (Carrizo)	Milam	540	607	680	759	847	945
Post Oak Savannah GCD	Carrizo-Wilcox (Hooper)	Burleson	25	27	30	32	35	37
Post Oak Savannah GCD	Carrizo-Wilcox (Hooper)	Milam	1,781	1,999	2,234	2,491	2,774	3,089
Post Oak Savannah GCD	Carrizo-Wilcox (Simsboro)	Burleson	27,267	39,656	48,662	52,267	52,273	52,278
Post Oak Savannah GCD	Carrizo-Wilcox (Simsboro)	Milam	2,686	25,883	26,170	26,475	26,798	27,144
Post Oak Savannah GCD	Queen City	Burleson	366	3,090	3,467	3,883	4,344	4,863
Post Oak Savannah GCD	Queen City	Milam	147	1,348	1,643	2,003	2,441	2,976
Post Oak Savannah GCD	Sparta	Burleson	1,237	2,840	3,131	3,437	3,760	4,105
Post Oak Savannah GCD	Yegua-Jackson	Burleson	1,094	5,315	7,004	7,004	7,000	6,058
Post Oak Savannah GCD Totals								
<b>Brazos River Alluvium Aquifer</b>			<b>63,634</b>	<b>63,582</b>	<b>63,573</b>	<b>63,568</b>	<b>63,565</b>	<b>63,564</b>
<b>Carrizo-Wilcox (Calvert Bluff)</b>			<b>2,179</b>	<b>2,940</b>	<b>3,302</b>	<b>3,710</b>	<b>4,175</b>	<b>4,706</b>
<b>Carrizo-Wilcox (Carrizo)</b>			<b>11,209</b>	<b>17,263</b>	<b>17,486</b>	<b>17,715</b>	<b>17,955</b>	<b>18,206</b>
<b>Carrizo-Wilcox (Hooper)</b>			<b>1,806</b>	<b>2,026</b>	<b>2,264</b>	<b>2,523</b>	<b>2,809</b>	<b>3,126</b>
<b>Carrizo-Wilcox (Simsboro)</b>			<b>29,953</b>	<b>65,539</b>	<b>74,832</b>	<b>78,742</b>	<b>79,071</b>	<b>79,422</b>
<b>Queen City Aquifer</b>			<b>513</b>	<b>4,438</b>	<b>5,110</b>	<b>5,886</b>	<b>6,785</b>	<b>7,839</b>
<b>Sparta Aquifer</b>			<b>1,237</b>	<b>2,840</b>	<b>3,131</b>	<b>3,437</b>	<b>3,760</b>	<b>4,105</b>
<b>Yegua-Jackson Aquifer</b>			<b>1,094</b>	<b>5,315</b>	<b>7,004</b>	<b>7,004</b>	<b>7,000</b>	<b>6,058</b>

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**No District – County**

GCD	Aquifer	County	Modeled Available Groundwater (acre-feet per year)					
			2020	2030	2040	2050	2060	2070
No District-County	Carrizo-Wilcox (Calvert Bluff)	Limestone	140	153	168	184	202	222
No District-County	Carrizo-Wilcox (Calvert Bluff)	Navarro	7	7	7	8	8	9
No District-County	Carrizo-Wilcox (Hooper)	Falls	31	35	38	42	47	52
No District-County	Carrizo-Wilcox (Hooper)	Limestone	176	195	215	238	262	290
No District-County	Carrizo-Wilcox (Hooper)	Navarro	79	86	94	103	113	124
No District-County	Carrizo-Wilcox (Hooper)	Williamson	108	119	132	146	161	177
No District-County	Carrizo-Wilcox (Simsboro)	Falls	10	11	12	14	15	17
No District-County	Carrizo-Wilcox (Simsboro)	Limestone	555	612	676	746	824	910
No District-County	Carrizo-Wilcox (Simsboro)	Navarro	11	12	13	14	15	16
No District-County	Carrizo-Wilcox (Simsboro)	Williamson	19	21	23	25	28	31
<b>No District-County Totals</b>								
<b>Carrizo-Wilcox (Calvert Bluff) Aquifer</b>			<b>147</b>	<b>160</b>	<b>175</b>	<b>192</b>	<b>210</b>	<b>231</b>
<b>Carrizo-Wilcox (Hooper) Aquifer</b>			<b>394</b>	<b>435</b>	<b>479</b>	<b>529</b>	<b>583</b>	<b>643</b>
<b>Carrizo-Wilcox (Simsboro) Aquifer</b>			<b>595</b>	<b>656</b>	<b>724</b>	<b>799</b>	<b>882</b>	<b>974</b>