

Groundwater Management Area (GMA) 11
Modeled Available Groundwater for Relevant Aquifers by Groundwater Conservation District (GCD)
2021 Joint Planning

Neches & Trinity Valleys GCD									
GCD	Aquifer	County	Modeled Available Groundwater (acre-feet per year)						
			2020	2030	2040	2050	2060	2070	2080
Neches & Trinity Valleys GCD	Carrizo-Wilcox	Anderson	21,958	21,958	21,958	21,958	21,958	21,958	21,958
Neches & Trinity Valleys GCD	Carrizo-Wilcox	Anderson	5,066	5,066	5,066	5,066	5,066	5,066	5,066
Neches & Trinity Valleys GCD	Carrizo-Wilcox	Cherokee	15,241	15,241	15,241	15,241	15,241	15,241	15,241
Neches & Trinity Valleys GCD	Carrizo-Wilcox	Henderson	3,226	3,226	3,226	3,226	3,226	3,226	3,226
Neches & Trinity Valleys GCD	Carrizo-Wilcox	Henderson	3,996	3,996	3,996	3,996	3,996	3,996	3,996
Neches & Trinity Valleys GCD	Queen City	Anderson	11,489	11,489	11,489	11,488	11,488	11,488	11,488
Neches & Trinity Valleys GCD	Queen City	Anderson	5,102	5,102	5,102	5,102	5,102	5,102	5,102
Neches & Trinity Valleys GCD	Queen City	Cherokee	8,812	8,812	8,812	8,812	8,812	8,812	8,812
Neches & Trinity Valleys GCD	Queen City	Henderson	154	154	154	154	154	154	154
Neches & Trinity Valleys GCD	Queen City	Henderson	10,516	10,516	10,516	10,516	10,516	10,516	10,516
Neches & Trinity Valleys GCD	Sparta	Anderson	109	109	109	109	109	109	109
Neches & Trinity Valleys GCD	Sparta	Anderson	198	198	198	198	198	198	198
Neches & Trinity Valleys GCD	Sparta	Cherokee	352	352	352	352	352	352	352
Neches & Trinity Valleys GCD Totals									
Carrizo-Wilcox Aquifer			49,488	49,488	49,488	49,488	49,488	49,488	49,488
Queen City Aquifer			36,073	36,073	36,073	36,073	36,073	36,073	36,073
Sparta Aquifer			658	658	658	658	658	658	658

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Panola County GCD									
GCD	Aquifer	County	Modeled Available Groundwater (acre-feet per year)						
			2020	2030	2040	2050	2060	2070	2080
Panola County GCD	Carrizo-Wilcox	Panola	0	0	0	0	0	0	0
Panola County GCD	Carrizo-Wilcox	Panola	4,999	4,999	4,999	4,999	4,999	4,999	4,999
Panola County GCD Totals									
Carrizo-Wilcox Aquifer			4,999	4,999	4,999	4,999	4,999	4,999	4,999

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Pineywoods GCD									
GCD	Aquifer	County	Modeled Available Groundwater (acre-feet per year)						
			2020	2030	2040	2050	2060	2070	2080
Pineywoods GCD	Carrizo-Wilcox	Angelina	27,611	27,611	27,611	27,611	27,611	27,611	27,611
Pineywoods GCD	Carrizo-Wilcox	Nacogdoches	20,859	20,859	20,859	20,859	20,859	20,859	20,859
Pineywoods GCD	Queen City	Angelina	1,095	1,095	1,095	1,095	1,095	1,095	1,095
Pineywoods GCD	Queen City	Nacogdoches	2,946	2,946	2,946	2,946	2,946	2,946	2,946
Pineywoods GCD	Sparta	Angelina	390	390	390	390	390	390	390
Pineywoods GCD	Sparta	Nacogdoches	362	362	362	362	362	362	362
Pineywoods GCD Totals									
Carrizo-Wilcox Aquifer			48,470	48,470	48,470	48,470	48,470	48,470	48,470
Queen City Aquifer			4,041	4,041	4,041	4,041	4,041	4,041	4,041
Sparta Aquifer			752	752	752	752	752	752	752

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Rusk County GCD									
GCD	Aquifer	County	Modeled Available Groundwater (acre-feet per year)						
			2020	2030	2040	2050	2060	2070	2080
Rusk County GCD	Carrizo-Wilcox	Rusk	7,111	7,111	7,111	7,111	7,111	7,111	7,111
Rusk County GCD	Carrizo-Wilcox	Rusk	6,907	6,907	6,907	6,907	6,907	6,907	6,907
Rusk County GCD	Queen City	Rusk	39	39	39	39	39	39	39
Rusk County GCD	Queen City	Rusk	20	20	20	20	20	20	20
Rusk County GCD	Sparta	Rusk	0	0	0	0	0	0	0
Rusk County GCD Totals									
Carrizo-Wilcox Aquifer			14,018	14,018	14,018	14,018	14,018	14,018	14,018
Queen City Aquifer			59	59	59	59	59	59	59
Sparta Aquifer			0	0	0	0	0	0	0

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No District – County

GCD	Aquifer	County	Modeled Available Groundwater (acre-feet per year)						
			2020	2030	2040	2050	2060	2070	2080
No District-County	Carrizo-Wilcox	Bowie	9,645	9,645	9,645	9,645	9,645	9,645	9,645
No District-County	Carrizo-Wilcox	Camp	3,862	3,862	3,862	3,862	3,862	3,862	3,862
No District-County	Carrizo-Wilcox	Cass	12,865	12,865	12,865	12,865	12,865	12,865	12,865
No District-County	Carrizo-Wilcox	Cass	777	777	777	777	777	777	777
No District-County	Carrizo-Wilcox	Franklin	5,334	5,334	5,334	5,334	5,334	5,334	5,334
No District-County	Carrizo-Wilcox	Franklin	398	398	398	398	398	398	398
No District-County	Carrizo-Wilcox	Gregg	726	726	726	726	726	726	726
No District-County	Carrizo-Wilcox	Gregg	5,346	5,346	5,346	5,346	5,346	5,346	5,346
No District-County	Carrizo-Wilcox	Harrison	4,636	4,636	4,636	4,636	4,636	4,636	4,636
No District-County	Carrizo-Wilcox	Harrison	4,460	4,460	4,460	4,460	4,460	4,460	4,460
No District-County	Carrizo-Wilcox	Hopkins	309	309	309	309	309	309	309
No District-County	Carrizo-Wilcox	Hopkins	2,426	2,426	2,426	2,426	2,426	2,426	2,426
No District-County	Carrizo-Wilcox	Hopkins	2,017	2,017	2,017	2,017	2,017	2,017	2,017
No District-County	Carrizo-Wilcox	Houston	1,721	1,721	1,721	1,721	1,721	1,721	1,721
No District-County	Carrizo-Wilcox	Houston	634	634	634	634	634	634	634
No District-County	Carrizo-Wilcox	Marion	1,966	1,966	1,966	1,966	1,966	1,966	1,966
No District-County	Carrizo-Wilcox	Morris	2,156	2,156	2,156	2,156	2,156	2,156	2,156
No District-County	Carrizo-Wilcox	Morris	415	415	415	415	415	415	415
No District-County	Carrizo-Wilcox	Rains	1,411	1,411	1,411	1,411	1,411	1,411	1,411
No District-County	Carrizo-Wilcox	Red River	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Values from [GAM Run 21-016 MAG: Modeled Available Groundwater for the Carrizo-Wilcox, Queen City, and Sparta Aquifer in Groundwater Management Area 11.](#)

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No District – County

GCD	Aquifer	County	Modeled Available Groundwater (acre-feet per year)						
			2020	2030	2040	2050	2060	2070	2080
No District-County	Carrizo-Wilcox	Sabine	356	356	356	356	356	356	356
No District-County	Carrizo-Wilcox	Sabine	1,032	1,032	1,032	1,032	1,032	1,032	1,032
No District-County	Carrizo-Wilcox	San Augustine	303	303	303	303	303	303	303
No District-County	Carrizo-Wilcox	San Augustine	284	284	284	284	284	284	284
No District-County	Carrizo-Wilcox	Shelby	2,621	2,621	2,621	2,621	2,621	2,621	2,621
No District-County	Carrizo-Wilcox	Shelby	3,698	3,698	3,698	3,698	3,698	3,698	3,698
No District-County	Carrizo-Wilcox	Smith	7,939	7,939	7,939	7,939	7,939	7,939	7,939
No District-County	Carrizo-Wilcox	Smith	17,607	17,607	17,607	17,607	17,607	17,607	17,607
No District-County	Carrizo-Wilcox	Titus	5,594	5,594	5,594	5,594	5,594	5,594	5,594
No District-County	Carrizo-Wilcox	Titus	1,942	1,942	1,942	1,942	1,942	1,942	1,942
No District-County	Carrizo-Wilcox	Trinity	1	1	1	1	1	1	1
No District-County	Carrizo-Wilcox	Trinity	266	266	266	266	266	266	266
No District-County	Carrizo-Wilcox	Upshur	5,107	5,107	5,107	5,107	5,107	5,107	5,107
No District-County	Carrizo-Wilcox	Upshur	1,550	1,550	1,550	1,550	1,550	1,550	1,550
No District-County	Carrizo-Wilcox	Van Zandt	2,616	2,616	2,616	2,616	2,616	2,616	2,616
No District-County	Carrizo-Wilcox	Van Zandt	3,286	3,286	3,286	3,286	3,286	3,286	3,286
No District-County	Carrizo-Wilcox	Van Zandt	1,030	1,030	1,030	1,030	1,030	1,030	1,030
No District-County	Carrizo-Wilcox	Wood	925	925	925	925	925	925	925
No District-County	Carrizo-Wilcox	Wood	16,977	16,977	16,977	16,977	16,977	16,977	16,977
No District-County	Queen City	Camp	1,594	1,594	1,594	1,594	1,594	1,594	1,594

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GCD	Aquifer	County	Modeled Available Groundwater (acre-feet per year)						
			2020	2030	2040	2050	2060	2070	2080
No District-County	Queen City	Cass	15,855	15,855	15,855	15,855	15,855	15,855	15,855
No District-County	Queen City	Cass	624	624	624	624	624	624	624
No District-County	Queen City	Gregg	456	456	456	456	456	456	456
No District-County	Queen City	Gregg	2,056	2,056	2,056	2,056	2,056	2,056	2,055
No District-County	Queen City	Harrison	2,976	2,976	2,976	2,976	2,976	2,976	2,976
No District-County	Queen City	Harrison	561	561	561	561	561	561	561
No District-County	Queen City	Houston	2,080	2,080	2,080	2,080	2,080	2,080	2,080
No District-County	Queen City	Houston	216	216	216	216	216	216	216
No District-County	Queen City	Marion	7,389	7,389	7,389	7,389	7,389	7,389	7,389
No District-County	Queen City	Morris	3,278	3,278	3,278	3,278	3,278	3,278	3,278
No District-County	Queen City	Sabine	0	0	0	0	0	0	0
No District-County	Queen City	Sabine	0	0	0	0	0	0	0
No District-County	Queen City	San Augustine	0	0	0	0	0	0	0
No District-County	Queen City	Shelby	0	0	0	0	0	0	0
No District-County	Queen City	Smith	12,457	12,457	12,457	12,457	12,457	12,457	12,457
No District-County	Queen City	Smith	20,121	20,121	20,121	20,121	20,121	20,121	20,121
No District-County	Queen City	Titus	0	0	0	0	0	0	0
No District-County	Queen City	Trinity	0	0	0	0	0	0	0
No District-County	Queen City	Trinity	0	0	0	0	0	0	0
No District-County	Queen City	Upshur	6,216	6,215	6,215	6,215	6,215	6,215	6,215

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GCD	Aquifer	County	Modeled Available Groundwater (acre-feet per year)						
			2020	2030	2040	2050	2060	2070	2080
No District-County	Queen City	Upshur	5,949	5,949	5,949	5,949	5,949	5,949	5,949
No District-County	Queen City	Van Zandt	2,343	2,343	2,343	2,343	2,343	2,343	2,343
No District-County	Queen City	Wood	779	779	779	779	779	779	779
No District-County	Queen City	Wood	5,731	5,731	5,731	5,731	5,731	5,731	5,731
No District-County	Sparta	Cass	0	0	0	0	0	0	0
No District-County	Sparta	Houston	505	505	505	505	505	505	505
No District-County	Sparta	Houston	977	977	977	977	977	977	977
No District-County	Sparta	Marion	0	0	0	0	0	0	0
No District-County	Sparta	Sabine	36	36	36	36	36	36	36
No District-County	Sparta	Sabine	13	13	13	13	13	13	13
No District-County	Sparta	San Augustine	163	163	163	163	163	163	163
No District-County	Sparta	San Augustine	3	3	3	3	3	3	3
No District-County	Sparta	Shelby	0	0	0	0	0	0	0
No District-County	Sparta	Smith	0	0	0	0	0	0	0
No District-County	Sparta	Smith	0	0	0	0	0	0	0
No District-County	Sparta	Trinity	0	0	0	0	0	0	0
No District-County	Sparta	Trinity	152	152	152	152	152	152	152
No District-County	Sparta	Upshur	0	0	0	0	0	0	0
No District-County	Sparta	Wood	0	0	0	0	0	0	0

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No District – County									
GCD	Aquifer	County	Modeled Available Groundwater (acre-feet per year)						
			2020	2030	2040	2050	2060	2070	2080
No District-County Totals									
	Carrizo-Wilcox Aquifer		134,241	134,241	134,241	134,241	134,241	134,240	134,240
	Queen City Aquifer		90,681	90,681	90,680	90,680	90,680	90,680	90,679
	Sparta Aquifer		1,848	1,848	1,848	1,848	1,848	1,848	1,848