

Region I Surface Water Availability Analysis Handouts

Prepared for

East Texas Regional Water Planning Group

Prepared by

Freese and Nichols, Inc.

January 10, 2024



Region I - Projected Reservoir Water Supply Availability (values in ac-ft/year)

Reservoir	Basin	Permitted Diversion	2026 Region I Plan (Preliminary Results)						2021 Region I Plan (Final Results)					
			2030	2040	2050	2060	2070	2080	2020	2030	2040	2050	2060	2070
Lake Athens	Neches	8,500	4,540	4,480	4,420	4,360	4,300	4,240	5,950	5,864	5,778	5,692	5,606	5,520
Lake Columbia	Neches	85,507	68,850	68,187	68,187	68,187	68,187	68,499	75,800	75,720	75,640	75,560	75,480	75,400
Lake Jacksonville	Neches	6,200	7,560	7,345	7,130	6,915	6,700	6,485	8,730	8,495	8,265	8,025	7,790	7,560
Lake Kurth	Neches	19,100	17,425	17,448	17,471	17,494	17,517	17,540	18,500	18,502	18,504	18,506	18,508	18,510
Lake Nacogdoches	Neches	22,000	14,335	13,973	13,611	13,249	12,887	12,525	16,200	15,800	15,400	15,000	14,600	14,200
Lake Palestine System	Neches	238,110	177,110	175,070	173,030	170,990	168,950	166,910	197,710	196,110	194,610	193,010	191,310	189,010
Lake Pinkston	Neches	3,800	3,800	3,800	3,800	3,800	3,800	3,800	3,800	3,800	3,800	3,800	3,800	3,800
Lakes Rayburn/Steinhagen System	Neches	820,000	625,190	624,022	622,854	621,687	620,519	619,351	915,810	913,610	911,440	909,380	908,290	901,080
Lake Striker	Neches	20,600	10,500	9,990	9,480	8,970	8,460	7,950	20,340	19,635	18,890	18,150	16,715	14,690
Lake Tyler/Tyler East	Neches	40,325	32,900	32,670	32,440	32,210	31,980	31,750	34,830	34,666	34,502	34,338	34,174	34,010
Bellwood Lake	Neches	2,200	859	859	859	859	859	859	996	996	996	996	996	996
Rusk City Lake	Neches	160	10	10	10	10	10	10	40	40	40	40	40	40
San Augustine City Lake	Neches	1,285	2,165	2,165	2,165	2,165	2,165	2,165	2,243	2,243	2,243	2,243	2,243	2,243
Lake Timpson	Neches	350	1,080	1,080	1,080	1,080	1,080	1,080	1,368	1,368	1,368	1,368	1,368	1,368
Neches River Basin Total			966,324	961,099	956,537	951,976	947,414	943,164	1,302,317	1,296,849	1,291,476	1,286,108	1,280,920	1,268,427
Lake Cherokee	Sabine	62,400	31,480	31,224	30,968	30,712	30,456	30,200	31,456	31,309	31,162	31,015	30,867	30,720
Lake Center	Sabine	1,460	1,460	1,460	1,460	1,460	1,460	1,460	1,460	1,460	1,460	1,460	1,460	1,460
Martin Lake	Sabine	25,000	32,210	32,138	32,066	31,994	31,922	31,850	31,439	31,371	31,304	31,236	31,168	31,100
Lake Murvaul	Sabine	22,400	20,800	20,016	19,232	18,448	17,664	16,880	21,367	20,686	20,006	19,325	18,644	17,963
Toledo Bend Reservoir	Sabine	970,067	969,750	969,484	969,218	968,952	968,686	968,420	959,635	959,398	959,161	958,924	958,687	958,450
Sabine River Basin Total			1,055,700	1,054,322	1,052,944	1,051,566	1,050,188	1,048,810	1,045,358	1,044,225	1,043,092	1,041,959	1,040,826	1,039,693
Houston County Lake	Trinity	3,500	6,250	6,145	6,040	5,935	5,830	5,725	6,250	6,145	6,040	5,935	5,830	5,725
Trinity River Basin Total			6,250	6,145	6,040	5,935	5,830	5,725	6,250	6,145	6,040	5,935	5,830	5,725
Regional Total Reservoir Supplies			2,028,274	2,021,566	2,015,521	2,009,477	2,003,432	1,997,699	2,353,925	2,347,219	2,340,608	2,334,002	2,327,576	2,313,845
Change in Total Reservoir Supplies between 2026 and 2021 Plan			-318,945	-319,042	-318,481	-318,099	-310,413	NA						
Pct Change in Total Reservoir Supplies between 2026 and 2021 Plan			-13.6%	-13.6%	-13.6%	-13.7%	-13.4%	NA						

Region I - Projected Run-of-River Water Supply Availability (values in ac-ft/year)

Basin	County	Use	2026 Region I Plan (Preliminary Results)						2021 Region I Plan (Final Results)					
			2030	2040	2050	2060	2070	2080	2020	2030	2040	2050	2060	2070
Neches	Anderson	Irrigation	80	80	80	80	80	80	162	162	162	162	162	162
Neches	Angelina	Industrial	0	0	0	0	0	0	32	32	32	32	32	32
Neches	Angelina	Irrigation	10	10	10	10	10	10	14	14	14	14	14	14
Neches	Cherokee	Irrigation	58	58	58	58	58	58	108	108	108	108	108	108
Neches	Hardin	Irrigation	54	54	54	54	54	54	57	57	57	57	57	57
Neches	Henderson	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0
Neches	Houston	Irrigation	147	147	147	147	147	147	208	208	208	208	208	208
Neches	Jasper	Livestock	557	557	557	557	557	557	548	548	548	548	548	548
Neches	Jasper	Industrial	0	0	0	0	0	0	6	6	6	6	6	6
Neches	Jasper	Irrigation	93	93	93	93	93	93	123	123	123	123	123	123
Neches	Jasper	Multiple	381,876	381,876	381,876	381,876	381,876	381,876	381,876	381,876	381,876	381,876	381,876	381,876
Neches	Jefferson	Industrial ¹	836	1,005	1,168	1,314	1,477	1,659	526	552	583	623	670	712
Neches	Jefferson	Municipal ¹	11,266	11,555	11,809	11,481	11,327	11,310	15,407	16,180	17,087	18,254	19,637	20,876
Neches	Nacogdoches	Industrial	3	3	3	3	3	3	2	2	2	2	2	2
Neches	Nacogdoches	Irrigation	79	79	79	79	79	79	67	67	67	67	67	67
Neches	Rusk	Industrial	1	1	1	1	1	1	1	1	1	1	1	1
Neches	Rusk	Irrigation	59	59	59	59	59	59	80	80	80	80	80	80
Neches	Sabine	Industrial	162	162	162	162	162	162	178	178	178	178	178	178
Neches	Smith	Irrigation	45	45	45	45	45	45	50	50	50	50	50	50
Neches	Smith	Mining	0	0	0	0	0	0	0	0	0	0	0	0
Neches	Trinity	Irrigation	0	0	0	0	0	0	3	3	3	3	3	3
Neches	Tyler	Irrigation	88	88	88	88	88	88	88	88	88	88	88	88
Neches River Basin Total			395,414	395,872	396,289	396,107	396,116	396,281	399,536	400,335	401,273	402,480	403,910	405,191
Neches-Trinity	Jefferson	Industrial	586	586	586	586	586	586	586	586	586	586	586	586
Neches-Trinity	Jefferson	Irrigation	50,654	50,654	50,654	50,654	50,654	50,654	50,654	50,654	50,654	50,654	50,654	50,654
Neches-Trinity	Jefferson	Mining	34	34	34	34	34	34	34	34	34	34	34	34
Neches-Trinity River Basin Total			51,274	51,274	51,274	51,274	51,274	51,274	51,274	51,274	51,274	51,274	51,274	51,274
Sabine	Newton	Industrial	94,122	94,122	94,122	94,122	94,122	94,122	94,122	94,122	94,122	94,122	94,122	94,122
Sabine	Newton	Irrigation	36,024	36,024	36,024	36,024	36,024	36,024	39,006	39,006	39,006	39,006	39,006	39,006
Sabine	Orange	Irrigation	28	28	28	28	28	28	28	28	28	28	28	28
Sabine	Panola	Irrigation	152	152	152	152	152	152	152	152	152	152	152	152
Sabine	Panola	Industrial	261	261	261	261	261	261	368	368	368	368	368	368
Sabine	Panola	Mining	168	168	168	168	168	168	168	168	168	168	168	168
Sabine	Rusk	Irrigation	127	127	127	127	127	127	127	127	127	127	127	127
Sabine	Rusk	Municipal	10	10	10	10	10	10	10	10	10	10	10	10
Sabine River Basin Total			130,892	130,892	130,892	130,892	130,892	130,892	133,981	133,981	133,981	133,981	133,981	133,981
Trinity	Anderson	Irrigation	1,290	1,290	1,290	1,290	1,290	1,290	1,290	1,290	1,290	1,290	1,290	1,290
Trinity	Houston	Irrigation	2,522	2,522	2,522	2,522	2,522	2,522	2,522	2,522	2,522	2,522	2,522	2,522
Trinity River Basin Total			3,812	3,812	3,812	3,812	3,812	3,812	3,812	3,812	3,812	3,812	3,812	3,812
Regional Total Run-of-River Supplies			581,392	581,850	582,267	582,085	582,094	582,259	588,603	589,402	590,340	591,547	592,977	594,258
Change in Total Run-of-River Supplies between 2026 and 2021 Plan			-8,010	-8,490	-9,280	-10,892	-12,164	NA						
Pct Change in Total Run-of-River Supplies between 2026 and 2021 Plan			-1.4%	-1.4%	-1.6%	-1.8%	-2.0%	NA						

1. Estimated using City of Beaumont daily model in lieu of the WAM.

Region I - Projected Local Surface Water Supply Availability (values in ac-ft/year)

County	Basin	2026 Region I Plan (Preliminary Results)						2021 Region I Plan (Final Results)					
		2030	2040	2050	2060	2070	2080	2020	2030	2040	2050	2060	2070
Anderson	Neches	427	427	427	427	427	427	333	333	333	333	333	333
Anderson	Trinity	848	848	848	848	848	848	684	684	684	684	684	684
Angelina	Neches	997	997	997	997	997	997	661	661	661	661	661	661
Cherokee	Neches	1,694	1,694	1,694	1,694	1,694	1,694	1,574	1,574	1,574	1,574	1,574	1,574
Hardin	Neches	183	183	183	183	183	183	155	155	155	155	155	155
Hardin	Trinity	1	1	1	1	1	1	0	0	0	0	0	0
Henderson	Neches	632	632	632	632	632	632	770	770	770	770	770	770
Houston	Neches	473	473	473	473	473	473	1,007	1,007	1,007	1,007	1,007	1,007
Houston	Trinity	1,318	1,318	1,318	1,318	1,318	1,318	783	783	783	783	783	783
Jasper	Neches	361	361	361	361	361	361	332	332	332	332	332	332
Jasper	Sabine	285	285	285	285	285	285	215	215	215	215	215	215
Jefferson	Neches-Trinity	54	54	54	54	54	54	1,800	1,800	1,800	1,800	1,800	1,800
Jefferson	Neches	746	746	746	746	746	746	110	110	110	110	110	110
Nacogdoches	Neches	8,913	8,913	8,913	8,913	8,913	8,913	2,880	2,880	2,880	2,880	2,880	2,880
Newton	Sabine	157	157	157	157	157	157	313	313	313	313	313	313
Orange	Neches	27	27	27	27	27	27	56	56	56	56	56	56
Orange	Sabine	71	71	71	71	71	71	220	220	220	220	220	220
Panola	Cypress	0	0	0	0	0	0	30	30	30	30	30	30
Panola	Sabine	2,596	2,596	2,596	2,596	2,596	2,596	1,224	1,224	1,224	1,224	1,224	1,224
Polk	Neches	147	147	147	147	147	147	416	416	416	416	416	416
Rusk	Neches	991	991	991	991	991	991	808	808	808	808	808	808
Rusk	Sabine	424	424	424	424	424	424	1,538	1,538	1,538	1,538	1,538	1,538
Sabine	Neches	26	26	26	26	26	26	71	71	71	71	71	71
Sabine	Sabine	175	175	175	175	175	175	634	634	634	634	634	634
San Augustine	Neches	1632	1,632	1,632	1,632	1,632	1,632	465	465	465	465	465	465
San Augustine	Sabine	203	203	203	203	203	203	71	71	71	71	71	71
Shelby	Neches	2101	2,101	2,101	2,101	2,101	2,101	334	334	334	334	334	334
Shelby	Sabine	8168	8,168	8,168	8,168	8,168	8,168	2,998	2,998	2,998	2,998	2,998	2,998
Smith	Neches	313	313	313	313	313	313	605	605	605	605	605	605
Trinity	Neches	233	233	233	233	233	233	449	449	449	449	449	449
Tyler	Neches	239	239	239	239	239	239	247	247	247	247	247	247
Regional Total Local Supplies		34,435	34,435	34,435	34,435	34,435	34,435	21,783	21,783	21,783	21,783	21,783	21,783
Change in Total Local Supplies between 2026 and 2021 Plan		12,652	12,652	12,652	12,652	12,652	NA						
Pct Change in Total Local Supplies between 2026 and 2021 Plan		58.1%	58.1%	58.1%	58.1%	58.1%	NA						

Region I Groundwater Availability Analysis Handouts

Prepared for

East Texas Regional Water Planning Group

Prepared by

Advanced Groundwater Solutions, LLC

January 10, 2024



Desired Future Conditions

Groundwater Management Area 11

County	Region(s)	DFC (feet of drawdown from 2013 to 2080)		
		Sparta	Queen City	Carrizo-Wilcox
Anderson	I	30	44	155
Angelina	I	6	28	67
Cherokee	I	7	31	176
Houston	I	3	12	86
Nacogdoches	I	7	22	73
Panola	I	--	--	21
Rusk	I	26	17	86
Sabine	I	1	3	9
San Augustine	I	2	7	22
Shelby	I	18	12	17
Smith	D & I	121	132	265
Trinity	H & I	5	18	56

Groundwater Management Area 14

Aquifer	Desired Future Condition (DFC)
Gulf Coast	In each county in Groundwater Management Area 14, no less than 70 percent median available drawdown remaining in 2080 or no more than an average of 1.0 additional foot of subsidence between 2009 and 2080.

Modeled Available Groundwater

Sorted by Aquifer

Groundwater Management Area 11

Aquifer	County	River Basin	Modeled Available Groundwater (ac-ft/yr)					
			2030	2040	2050	2060	2070	2080
Carrizo-Wilcox	Anderson	Neches	21,958	21,958	21,958	21,958	21,958	21,958
Carrizo-Wilcox	Anderson	Trinity	5,066	5,066	5,066	5,066	5,066	5,066
Carrizo-Wilcox	Angelina	Neches	27,611	27,611	27,611	27,611	27,611	27,611
Carrizo-Wilcox	Cherokee	Neches	15,241	15,241	15,241	15,241	15,241	15,241
Carrizo-Wilcox	Henderson	Neches	3,996	3,996	3,996	3,996	3,996	3,996
Carrizo-Wilcox	Houston	Neches	1,721	1,721	1,721	1,721	1,721	1,721
Carrizo-Wilcox	Houston	Trinity	634	634	634	634	634	634
Carrizo-Wilcox	Nacogdoches	Neches	20,859	20,859	20,859	20,859	20,859	20,859
Carrizo-Wilcox	Panola	Cypress	0	0	0	0	0	0
Carrizo-Wilcox	Panola	Sabine	4,999	4,999	4,999	4,999	4,999	4,999
Carrizo-Wilcox	Rusk	Neches	7,111	7,111	7,111	7,111	7,111	7,111
Carrizo-Wilcox	Rusk	Sabine	6,907	6,907	6,907	6,907	6,907	6,907
Carrizo-Wilcox	Sabine	Neches	356	356	356	356	356	356
Carrizo-Wilcox	Sabine	Sabine	1,032	1,032	1,032	1,032	1,032	1,032
Carrizo-Wilcox	San Augustine	Neches	303	303	303	303	303	303
Carrizo-Wilcox	San Augustine	Sabine	284	284	284	284	284	284
Carrizo-Wilcox	Shelby	Neches	2,621	2,621	2,621	2,621	2,621	2,621
Carrizo-Wilcox	Shelby	Sabine	3,698	3,698	3,698	3,698	3,698	3,698
Carrizo-Wilcox	Smith	Neches	17,607	17,607	17,607	17,607	17,607	17,607
Carrizo-Wilcox	Trinity	Neches	266	266	266	266	266	266
Queen City	Anderson	Neches	11,489	11,489	11,488	11,488	11,488	11,488
Queen City	Anderson	Trinity	5,102	5,102	5,102	5,102	5,102	5,102
Queen City	Angelina	Neches	1,095	1,095	1,095	1,095	1,095	1,095
Queen City	Cherokee	Neches	8,812	8,812	8,812	8,812	8,812	8,812
Queen City	Henderson	Neches	10,516	10,516	10,516	10,516	10,516	10,516
Queen City	Houston	Neches	2,080	2,080	2,080	2,080	2,080	2,080
Queen City	Houston	Trinity	216	216	216	216	216	216
Queen City	Nacogdoches	Neches	2,946	2,946	2,946	2,946	2,946	2,946
Queen City	Rusk	Neches	39	39	39	39	39	39
Queen City	Rusk	Sabine	20	20	20	20	20	20
Queen City	Sabine	Neches	0	0	0	0	0	0
Queen City	Sabine	Sabine	0	0	0	0	0	0
Queen City	San Augustine	Neches	0	0	0	0	0	0
Queen City	Shelby	Sabine	0	0	0	0	0	0
Queen City	Smith	Neches	20,121	20,121	20,121	20,121	20,121	20,121
Queen City	Trinity	Neches	0	0	0	0	0	0
Sparta	Anderson	Neches	109	109	109	109	109	109
Sparta	Anderson	Trinity	198	198	198	198	198	198
Sparta	Angelina	Neches	390	390	390	390	390	390
Sparta	Cherokee	Neches	352	352	352	352	352	352
Sparta	Houston	Neches	505	505	505	505	505	505
Sparta	Houston	Trinity	977	977	977	977	977	977
Sparta	Nacogdoches	Neches	362	362	362	362	362	362
Sparta	Rusk	Neches	0	0	0	0	0	0
Sparta	Sabine	Neches	36	36	36	36	36	36
Sparta	Sabine	Sabine	13	13	13	13	13	13
Sparta	San Augustine	Neches	163	163	163	163	163	163
Sparta	San Augustine	Sabine	3	3	3	3	3	3

Modeled Available Groundwater

Sorted by County

Groundwater Management Area 11

Aquifer	County	River Basin	Modeled Available Groundwater (ac-ft/yr)					
			2030	2040	2050	2060	2070	2080
Carrizo-Wilcox	Anderson	Neches	21,958	21,958	21,958	21,958	21,958	21,958
Carrizo-Wilcox	Anderson	Trinity	5,066	5,066	5,066	5,066	5,066	5,066
Queen City	Anderson	Neches	11489	11489	11488	11488	11488	11488
Queen City	Anderson	Trinity	5,102	5,102	5,102	5,102	5,102	5,102
Sparta	Anderson	Neches	109	109	109	109	109	109
Sparta	Anderson	Trinity	198	198	198	198	198	198
Carrizo-Wilcox	Angelina	Neches	27,611	27,611	27,611	27,611	27,611	27,611
Queen City	Angelina	Neches	1,095	1,095	1,095	1,095	1,095	1,095
Sparta	Angelina	Neches	390	390	390	390	390	390
Carrizo-Wilcox	Cherokee	Neches	15,241	15,241	15,241	15,241	15,241	15,241
Queen City	Cherokee	Neches	8,812	8,812	8,812	8,812	8,812	8,812
Sparta	Cherokee	Neches	352	352	352	352	352	352
Carrizo-Wilcox	Henderson	Neches	3,996	3,996	3,996	3,996	3,996	3,996
Queen City	Henderson	Neches	10,516	10,516	10,516	10,516	10,516	10,516
Carrizo-Wilcox	Houston	Neches	1,721	1,721	1,721	1,721	1,721	1,721
Carrizo-Wilcox	Houston	Trinity	634	634	634	634	634	634
Queen City	Houston	Neches	2,080	2,080	2,080	2,080	2,080	2,080
Queen City	Houston	Trinity	216	216	216	216	216	216
Sparta	Houston	Neches	505	505	505	505	505	505
Sparta	Houston	Trinity	977	977	977	977	977	977
Carrizo-Wilcox	Nacogdoches	Neches	20,859	20,859	20,859	20,859	20,859	20,859
Queen City	Nacogdoches	Neches	2946	2946	2946	2946	2946	2946
Sparta	Nacogdoches	Neches	362	362	362	362	362	362
Carrizo-Wilcox	Panola	Cypress	0	0	0	0	0	0
Carrizo-Wilcox	Panola	Sabine	4,999	4,999	4,999	4,999	4,999	4,999
Carrizo-Wilcox	Rusk	Neches	7,111	7,111	7,111	7,111	7,111	7,111
Carrizo-Wilcox	Rusk	Sabine	6,907	6,907	6,907	6,907	6,907	6,907
Queen City	Rusk	Neches	39	39	39	39	39	39
Queen City	Rusk	Sabine	20	20	20	20	20	20
Sparta	Rusk	Neches	0	0	0	0	0	0
Carrizo-Wilcox	Sabine	Neches	356	356	356	356	356	356
Carrizo-Wilcox	Sabine	Sabine	1,032	1,032	1,032	1,032	1,032	1,032
Queen City	Sabine	Neches	0	0	0	0	0	0
Queen City	Sabine	Sabine	0	0	0	0	0	0
Sparta	Sabine	Neches	36	36	36	36	36	36
Sparta	Sabine	Sabine	13	13	13	13	13	13
Carrizo-Wilcox	San Augustine	Neches	303	303	303	303	303	303
Carrizo-Wilcox	San Augustine	Sabine	284	284	284	284	284	284
Queen City	San Augustine	Neches	0	0	0	0	0	0
Sparta	San Augustine	Neches	163	163	163	163	163	163
Sparta	San Augustine	Sabine	3	3	3	3	3	3
Carrizo-Wilcox	Shelby	Neches	2,621	2,621	2,621	2,621	2,621	2,621
Carrizo-Wilcox	Shelby	Sabine	3,698	3,698	3,698	3,698	3,698	3,698
Queen City	Shelby	Sabine	0	0	0	0	0	0
Sparta	Shelby	Sabine	0	0	0	0	0	0
Carrizo-Wilcox	Smith	Neches	17,607	17,607	17,607	17,607	17,607	17,607
Queen City	Smith	Neches	20121	20121	20121	20121	20121	20121
Sparta	Smith	Neches	0	0	0	0	0	0

Groundwater Availability

Sorted by Aquifer

County	Aquifer Name	Basin	Type	2022 Total Availability (ac-ft/yr) [2020-2070]	2027 Total Availability (ac-ft/yr) [2030-2080]	Difference in Availability (ac-ft/yr) [2030-2070]
Anderson	Carrizo-Wilcox	Neches	MAG	23,335	21,958	-1,377
Anderson	Carrizo-Wilcox	Trinity	MAG	5,753	5,066	-687
Angelina	Carrizo-Wilcox	Neches	MAG	27,591	27,611	20
Cherokee	Carrizo-Wilcox	Neches	MAG	20,933 to 20,470	15,241	-5,692 to -5,229
Henderson	Carrizo-Wilcox	Neches	MAG	6,036	3,996	-2,040
Houston	Carrizo-Wilcox	Neches	MAG	22,488	1,721	-20,767
Houston	Carrizo-Wilcox	Trinity	MAG	3,806	634	-3,172
Nacogdoches	Carrizo-Wilcox	Neches	MAG	24,181	20,859	-3,322
Panola	Carrizo-Wilcox	Cypress	MAG	6	0	-6
Panola	Carrizo-Wilcox	Sabine	MAG	8,370 to 8,062	4,999	-3,213 to -3,063
Rusk	Carrizo-Wilcox	Neches	MAG	11,769 to 11,750	7,111	-4,658 to -4,639
Rusk	Carrizo-Wilcox	Sabine	MAG	9,068	6,907	-2,161
Sabine	Carrizo-Wilcox	Neches	MAG	356	356	0
Sabine	Carrizo-Wilcox	Sabine	MAG	3,249	1,032	-2,217
San Augustine	Carrizo-Wilcox	Neches	MAG	1,149	303	-846
San Augustine	Carrizo-Wilcox	Sabine	MAG	290	284	-6
Shelby	Carrizo-Wilcox	Neches	MAG	2,577 to 2,018	2,621	333 to 603
Shelby	Carrizo-Wilcox	Sabine	MAG	8,317 to 7,081	3,698	-4,456 to 3,383
Smith	Carrizo-Wilcox	Neches	MAG	22,705	17,607	-5,098 to -5,086
Trinity	Carrizo-Wilcox	Neches	MAG	269	266	-3
Sabine	Gulf Coast	Sabine	Non-MAG	NA	0	0
Hardin	Gulf Coast	Neches	MAG	34,789	37,571	2,782
Hardin	Gulf Coast	Trinity	MAG	138	150	12
Jasper	Gulf Coast	Neches	MAG	37,630	40,821	3,191
Jasper	Gulf Coast	Sabine	MAG	29,854	34,544	4,690
Newton	Gulf Coast	Sabine	MAG	34,043	37,309	3,266

County	Aquifer Name	Basin	Type	2022 Total Availability (ac-ft/yr) [2020-2070]	2027 Total Availability (ac-ft/yr) [2030-2080]	Difference in Availability (ac-ft/yr) [2030-2070]
Polk	Gulf Coast	Neches	MAG	14,897	16,765	1,868
Tyler	Gulf Coast	Neches	MAG	38,211	34,390	-3,821
Polk	Gulf Coast	Neches	Non-MAG	1,060	1,060	0
Jefferson	Gulf Coast	Neches	MAG	803	1,853	1,050
Jefferson	Gulf Coast	Neches-Trinity	MAG	1,722	13,571	11,849
Orange	Gulf Coast	Neches	MAG	3,287	6,266	2,979
Orange	Gulf Coast	Neches-Trinity	MAG	256	280	24
Orange	Gulf Coast	Sabine	MAG	15,821	18,659	2,838
Newton	Gulf Coast	Neches	MAG	176	199	23
Anderson	Other Aquifer	Trinity	Non-MAG	298	298	0
Angelina	Other Aquifer	Neches	Non-MAG	812	812	0
Cherokee	Other Aquifer	Neches	Non-MAG	268	268	0
Henderson	Other Aquifer	Neches	Non-MAG	5	5	0
Henderson	Other Aquifer	Trinity	Non-MAG	680	680	0
Houston	Other Aquifer	Neches	Non-MAG	378	378	0
Houston	Other Aquifer	Trinity	Non-MAG	888	888	0
Nacogdoches	Other Aquifer	Neches	Non-MAG	1,131	1,131	0
Rusk	Other Aquifer	Neches	Non-MAG	270	270	0
Rusk	Other Aquifer	Sabine	Non-MAG	469	469	0
Sabine	Other Aquifer	Sabine	Non-MAG	336	336	0
San Augustine	Other Aquifer	Neches	Non-MAG	1,395	1,395	0
Smith	Other Aquifer	Neches	Non-MAG	922	922	0
Trinity	Other Aquifer	Neches	Non-MAG	700	700	0
Anderson	Queen City	Neches	MAG	11,828	11,489 to 11,488	-339 to -340
Anderson	Queen City	Trinity	MAG	7,274	5,102	-2,172
Angelina	Queen City	Neches	MAG	1,093	1,095	2

County	Aquifer Name	Basin	Type	2022 Total Availability (ac-ft/yr) [2020-2070]	2027 Total Availability (ac-ft/yr) [2030-2080]	Difference in Availability (ac-ft/yr) [2030-2070]
Cherokee	Queen City	Neches	MAG	23,211 to 22,866	8,812	-14,399 to -14,054
Henderson	Queen City	Neches	MAG	12,067	10,516	-1,551
Houston	Queen City	Neches	MAG	2,043	2,080	37
Houston	Queen City	Trinity	MAG	258	216	-42
Nacogdoches	Queen City	Neches	MAG	2,985	2,946	-39
Rusk	Queen City	Neches	MAG	40	39	-1
Rusk	Queen City	Sabine	MAG	18	20	2
Sabine	Queen City	Neches	MAG	NA	0	0
Sabine	Queen City	Sabine	MAG	NA	0	0
San Augustine	Queen City	Neches	MAG	NA	0	0
Shelby	Queen City	Sabine	MAG	NA	0	0
Smith	Queen City	Neches	MAG	30,692	20,121	-10,571
Trinity	Queen City	Neches	MAG	0	0	0
Anderson	Sparta	Neches	MAG	344	109	-235
Anderson	Sparta	Trinity	MAG	272	198	-74
Angelina	Sparta	Neches	MAG	371	390	19
Cherokee	Sparta	Neches	MAG	359	352	-7
Houston	Sparta	Neches	MAG	477	505	28
Houston	Sparta	Trinity	MAG	977	977	0
Nacogdoches	Sparta	Neches	MAG	365	362	-3
Rusk	Sparta	Neches	MAG	NA	0	0
Sabine	Sparta	Neches	MAG	37	36	-1
Sabine	Sparta	Sabine	MAG	160	13	-147
San Augustine	Sparta	Neches	MAG	163	163	0
San Augustine	Sparta	Sabine	MAG	3	3	0
Shelby	Sparta	Sabine	MAG	NA	0	0

County	Aquifer Name	Basin	Type	2022 Total Availability (ac-ft/yr) [2020-2070]	2027 Total Availability (ac-ft/yr) [2030-2080]	Difference in Availability (ac-ft/yr) [2030-2070]
Smith	Sparta	Neches	MAG	NA	0	0
Trinity	Sparta	Neches	MAG	154	152	-2
Angelina	Yegua-Jackson	Neches	Non-MAG	16,890 to 16,507	16,890 to 16,507	0
Houston	Yegua-Jackson	Neches	Non-MAG	1,324	1,324	0
Houston	Yegua-Jackson	Trinity	Non-MAG	4,061	4,061	0
Jasper	Yegua-Jackson	Neches	Non-MAG	NA	0	0
Nacogdoches	Yegua-Jackson	Neches	Non-MAG	235	235	0
Newton	Yegua-Jackson	Neches	Non-MAG	NA	0	0
Newton	Yegua-Jackson	Sabine	Non-MAG	NA	0	0
Polk	Yegua-Jackson	Neches	Non-MAG	570	570	0
Sabine	Yegua-Jackson	Neches	Non-MAG	3,724	3,724	0
Sabine	Yegua-Jackson	Sabine	Non-MAG	575	575	0
San Augustine	Yegua-Jackson	Neches	Non-MAG	2,102	2,102	0
San Augustine	Yegua-Jackson	Sabine	Non-MAG	9	9	0
Trinity	Yegua-Jackson	Neches	Non-MAG	700	700	0
Tyler	Yegua-Jackson	Neches	Non-MAG	NA	0	0

Groundwater Availability

Sorted by County

County	Aquifer Name	Basin	Type	2022 Total Availability (ac-ft/yr) [2020-2070]	2027 Total Availability (ac-ft/yr) [2030-2080]	Difference in Availability (ac-ft/yr) [2030-2070]
Anderson	Carrizo-Wilcox	Neches	MAG	23,335	21,958	-1,377
Anderson	Carrizo-Wilcox	Trinity	MAG	5,753	5,066	-687
Anderson	Other Aquifer	Trinity	Non-MAG	298	298	0
Anderson	Queen City	Neches	MAG	11,828	11,489 to 11,488	-339 to -340
Anderson	Queen City	Trinity	MAG	7,274	5,102	-2,172
Anderson	Sparta	Neches	MAG	344	109	-235
Anderson	Sparta	Trinity	MAG	272	198	-74
Angelina	Carrizo-Wilcox	Neches	MAG	27,591	27,611	20
Angelina	Other Aquifer	Neches	Non-MAG	812	812	0
Angelina	Queen City	Neches	MAG	1,093	1,095	2
Angelina	Sparta	Neches	MAG	371	390	19
Angelina	Yegua-Jackson	Neches	Non-MAG	16,890 to 16,507	16,890 to 16,507	0
Cherokee	Carrizo-Wilcox	Neches	MAG	20,933 to 20,470	15,241	-5,692 to -5,229
Cherokee	Other Aquifer	Neches	Non-MAG	268	268	0
Cherokee	Queen City	Neches	MAG	23,211 to 22,866	8,812	-14,399 to -14,054
Cherokee	Sparta	Neches	MAG	359	352	-7
Hardin	Gulf Coast	Neches	MAG	34,789	37,571	2,782
Hardin	Gulf Coast	Trinity	MAG	138	150	12
Henderson	Carrizo-Wilcox	Neches	MAG	6,036	3,996	-2,040
Henderson	Other Aquifer	Neches	Non-MAG	5	5	0
Henderson	Other Aquifer	Trinity	Non-MAG	680	680	0
Henderson	Queen City	Neches	MAG	12,067	10,516	-1,551
Houston	Carrizo-Wilcox	Neches	MAG	22,488	1,721	-20,767
Houston	Carrizo-Wilcox	Trinity	MAG	3,806	634	-3,172
Houston	Other Aquifer	Neches	Non-MAG	378	378	0
Houston	Other Aquifer	Trinity	Non-MAG	888	888	0

County	Aquifer Name	Basin	Type	2022 Total Availability (ac-ft/yr) [2020-2070]	2027 Total Availability (ac-ft/yr) [2030-2080]	Difference in Availability (ac-ft/yr) [2030-2070]
Houston	Queen City	Neches	MAG	2,043	2,080	37
Houston	Queen City	Trinity	MAG	258	216	-42
Houston	Sparta	Neches	MAG	477	505	28
Houston	Sparta	Trinity	MAG	977	977	0
Houston	Yegua-Jackson	Neches	Non-MAG	1,324	1,324	0
Houston	Yegua-Jackson	Trinity	Non-MAG	4,061	4,061	0
Jasper	Gulf Coast	Neches	MAG	37,630	40,821	3,191
Jasper	Gulf Coast	Sabine	MAG	29,854	34,544	4,690
Jasper	Yegua-Jackson	Neches	Non-MAG	NA	0	0
Jefferson	Gulf Coast	Neches	MAG	803	1,853	1,050
Jefferson	Gulf Coast	Neches-Trinity	MAG	1,722	13,571	11,849
Nacogdoches	Carrizo-Wilcox	Neches	MAG	24,181	20,859	-3,322
Nacogdoches	Other Aquifer	Neches	Non-MAG	1,131	1,131	0
Nacogdoches	Queen City	Neches	MAG	2,985	2,946	-39
Nacogdoches	Sparta	Neches	MAG	365	362	-3
Nacogdoches	Yegua-Jackson	Neches	Non-MAG	235	235	0
Newton	Gulf Coast	Neches	MAG	176	199	23
Newton	Gulf Coast	Sabine	MAG	34,043	37,309	3,266
Newton	Yegua-Jackson	Neches	Non-MAG	NA	0	0
Newton	Yegua-Jackson	Sabine	Non-MAG	NA	0	0
Orange	Gulf Coast	Neches	MAG	3,287	6,266	2,979
Orange	Gulf Coast	Neches-Trinity	MAG	256	280	24
Orange	Gulf Coast	Sabine	MAG	15,821	18,659	2,838
Panola	Carrizo-Wilcox	Cypress	MAG	6	0	-6
Panola	Carrizo-Wilcox	Sabine	MAG	8,370 to 8,062	4,999	-3,213 to -3,063
Polk	Gulf Coast	Neches	MAG	14,897	16,765	1,868

County	Aquifer Name	Basin	Type	2022 Total Availability (ac-ft/yr) [2020-2070]	2027 Total Availability (ac-ft/yr) [2030-2080]	Difference in Availability (ac-ft/yr) [2030-2070]
Polk	Gulf Coast	Neches	Non-MAG	1,060	1,060	0
Polk	Yegua-Jackson	Neches	Non-MAG	570	570	0
Rusk	Carrizo-Wilcox	Neches	MAG	11,769 to 11,750	7,111	-4,658 to -4,639
Rusk	Carrizo-Wilcox	Sabine	MAG	9,068	6,907	-2,161
Rusk	Other Aquifer	Neches	Non-MAG	270	270	0
Rusk	Other Aquifer	Sabine	Non-MAG	469	469	0
Rusk	Queen City	Neches	MAG	40	39	-1
Rusk	Queen City	Sabine	MAG	18	20	2
Rusk	Sparta	Neches	MAG	NA	0	0
Sabine	Carrizo-Wilcox	Neches	MAG	356	356	0
Sabine	Carrizo-Wilcox	Sabine	MAG	3,249	1,032	-2,217
Sabine	Gulf Coast	Sabine	Non-MAG	NA	0	0
Sabine	Other Aquifer	Sabine	Non-MAG	336	336	0
Sabine	Queen City	Neches	MAG	NA	0	0
Sabine	Queen City	Sabine	MAG	NA	0	0
Sabine	Sparta	Neches	MAG	37	36	-1
Sabine	Sparta	Sabine	MAG	160	13	-147
Sabine	Yegua-Jackson	Neches	Non-MAG	3,724	3,724	0
Sabine	Yegua-Jackson	Sabine	Non-MAG	575	575	0
San Augustine	Carrizo-Wilcox	Neches	MAG	1,149	303	-846
San Augustine	Carrizo-Wilcox	Sabine	MAG	290	284	-6
San Augustine	Other Aquifer	Neches	Non-MAG	1,395	1,395	0
San Augustine	Queen City	Neches	MAG	NA	0	0
San Augustine	Sparta	Neches	MAG	163	163	0
San Augustine	Sparta	Sabine	MAG	3	3	0
San Augustine	Yegua-Jackson	Neches	Non-MAG	2,102	2,102	0

County	Aquifer Name	Basin	Type	2022 Total Availability (ac-ft/yr) [2020-2070]	2027 Total Availability (ac-ft/yr) [2030-2080]	Difference in Availability (ac-ft/yr) [2030-2070]
San Augustine	Yegua-Jackson	Sabine	Non-MAG	9	9	0
Shelby	Carrizo-Wilcox	Neches	MAG	2,577 to 2,018	2,621	333 to 603
Shelby	Carrizo-Wilcox	Sabine	MAG	8,317 to 7,081	3,698	-4,456 to 3,383
Shelby	Queen City	Sabine	MAG	NA	0	0
Shelby	Sparta	Sabine	MAG	NA	0	0
Smith	Carrizo-Wilcox	Neches	MAG	22,705	17,607	-5,098 to -5,086
Smith	Other Aquifer	Neches	Non-MAG	922	922	0
Smith	Queen City	Neches	MAG	30,692	20,121	-10,571
Smith	Sparta	Neches	MAG	NA	0	0
Trinity	Carrizo-Wilcox	Neches	MAG	269	266	-3
Trinity	Other Aquifer	Neches	Non-MAG	700	700	0
Trinity	Queen City	Neches	MAG	0	0	0
Trinity	Sparta	Neches	MAG	154	152	-2
Trinity	Yegua-Jackson	Neches	Non-MAG	700	700	0
Tyler	Gulf Coast	Neches	MAG	38,211	34,390	-3,821
Tyler	Yegua-Jackson	Neches	Non-MAG	NA	0	0