

Groundwater Management Area (GMA) 14
Modeled Available Groundwater for Relevant Aquifers by Groundwater Conservation District (GCD)
2021 Joint Planning

Bluebonnet GCD									
GCD	Gulf Coast Aquifer System	County	Modeled Available Groundwater (acre-feet per year)						
			2020	2030	2040	2050	2060	2070	2080
Bluebonnet GCD	Chicot	Austin	2,894	2,894	2,894	2,894	2,894	2,894	2,894
Bluebonnet GCD	Evangelina	Austin	41,695	41,695	41,695	41,695	41,695	41,695	41,695
Bluebonnet GCD	Burkeville confining unit	Austin	0	0	0	0	0	0	0
Bluebonnet GCD	Jasper	Austin	1,972	1,972	1,972	1,972	1,972	1,972	1,972
Bluebonnet GCD	Chicot	Grimes	0	0	0	0	0	0	0
Bluebonnet GCD	Evangelina	Grimes	15,917	15,917	15,917	15,917	15,917	15,917	15,917
Bluebonnet GCD	Burkeville confining unit	Grimes	0	0	0	0	0	0	0
Bluebonnet GCD	Jasper	Grimes	35,570	35,570	35,570	35,570	35,570	35,570	35,570
Bluebonnet GCD	Chicot	Walker	0	0	0	0	0	0	0
Bluebonnet GCD	Evangelina	Walker	3,143	3,143	3,143	3,143	3,143	3,143	3,143
Bluebonnet GCD	Burkeville confining unit	Walker	0	0	0	0	0	0	0
Bluebonnet GCD	Jasper	Walker	39,361	39,361	39,361	39,361	39,361	39,361	39,361
Bluebonnet GCD	Chicot	Waller	791	791	791	791	791	791	791
Bluebonnet GCD	Evangelina	Waller	54,413	54,413	54,413	54,413	54,413	54,413	54,413
Bluebonnet GCD	Burkeville confining unit	Waller	0	0	0	0	0	0	0
Bluebonnet GCD	Jasper	Waller	329	329	329	329	329	329	329
Bluebonnet GCD Totals									
Gulf Coast Aquifer System			196,085	196,085	196,085	196,085	196,085	196,085	196,085

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Brazoria County GCD									
GCD	Gulf Coast Aquifer System	County	Modeled Available Groundwater (acre-feet per year)						
			2020	2030	2040	2050	2060	2070	2080
Brazoria County GCD	Chicot	Brazoria	43,086	43,060	43,040	43,027	43,021	43,018	43,018
Brazoria County GCD	Evangeline	Brazoria	11,869	11,870	11,868	11,868	11,868	11,868	11,868
Brazoria County GCD Totals									
Gulf Coast Aquifer System			54,955	54,930	54,908	54,895	54,889	54,886	54,886

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Lone Star GCD									
GCD	Gulf Coast Aquifer System	County	Modeled Available Groundwater (acre-feet per year)						
			2020	2030	2040	2050	2060	2070	2080
Lone Star GCD	Chicot	Montgomery	20,868	22,117	22,136	23,202	22,878	21,030	21,030
Lone Star GCD	Evangeline	Montgomery	41,172	41,160	41,397	40,200	40,269	39,815	39,815
Lone Star GCD	Burkeville confining unit	Montgomery	0	0	0	0	0	0	0
Lone Star GCD	Jasper	Montgomery	34,925	33,676	33,412	33,527	33,769	36,028	36,028
Lone Star GCD Totals									
Gulf Coast Aquifer System			96,965	96,953	96,945	96,929	96,916	96,873	96,873

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Lower Trinity GCD									
GCD	Gulf Coast Aquifer System	County	Modeled Available Groundwater (acre-feet per year)						
			2020	2030	2040	2050	2060	2070	2080
Lower Trinity GCD	Chicot	Polk	0	0	0	0	0	0	0
Lower Trinity GCD	Evangelina	Polk	9,486	9,486	9,486	9,486	9,486	9,486	9,486
Lower Trinity GCD	Burkeville confining unit	Polk	828	828	828	828	828	828	828
Lower Trinity GCD	Jasper	Polk	30,432	30,432	30,432	30,432	30,432	30,432	30,432
Lower Trinity GCD	Chicot	San Jacinto	0	0	0	0	0	0	0
Lower Trinity GCD	Evangelina	San Jacinto	15,110	15,116	15,120	15,127	15,135	15,156	15,156
Lower Trinity GCD	Burkeville confining unit	San Jacinto	2,762	2,762	2,762	2,762	2,762	2,762	2,762
Lower Trinity GCD	Jasper	San Jacinto	17,164	17,170	17,174	17,182	17,189	17,210	17,210
Lower Trinity GCD Totals									
Gulf Coast Aquifer System			75,782	75,794	75,802	75,817	75,832	75,874	75,874

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Southeast Texas GCD									
GCD	Gulf Coast Aquifer System	County	Modeled Available Groundwater (acre-feet per year)						
			2020	2030	2040	2050	2060	2070	2080
Southeast Texas GCD	Chicot	Hardin	1,492	1,492	1,492	1,492	1,492	1,492	1,492
Southeast Texas GCD	Evangeline	Hardin	36,229	36,229	36,229	36,229	36,229	36,229	36,229
Southeast Texas GCD	Burkeville confining unit	Hardin	0	0	0	0	0	0	0
Southeast Texas GCD	Jasper	Hardin	0	0	0	0	0	0	0
Southeast Texas GCD	Chicot	Jasper	10,858	10,858	10,858	10,858	10,858	10,858	10,858
Southeast Texas GCD	Evangeline	Jasper	43,842	43,842	43,842	43,842	43,842	43,842	43,842
Southeast Texas GCD	Burkeville confining unit	Jasper	8	8	8	8	8	8	8
Southeast Texas GCD	Jasper	Jasper	18,657	18,657	18,657	18,657	18,657	18,657	18,657
Southeast Texas GCD	Chicot	Newton	547	547	547	547	547	547	547
Southeast Texas GCD	Evangeline	Newton	23,162	23,162	23,162	23,162	23,162	23,162	23,162
Southeast Texas GCD	Burkeville confining unit	Newton	0	0	0	0	0	0	0
Southeast Texas GCD	Jasper	Newton	13,800	13,800	13,800	13,800	13,800	13,800	13,800
Southeast Texas GCD	Chicot	Tyler	0	0	0	0	0	0	0
Southeast Texas GCD	Evangeline	Tyler	18,519	18,519	18,519	18,519	18,519	18,519	18,519
Southeast Texas GCD	Burkeville confining unit	Tyler	0	0	0	0	0	0	0
Southeast Texas GCD	Jasper	Tyler	15,871	15,871	15,871	15,871	15,871	15,871	15,871
Southeast Texas GCD Totals									
Gulf Coast Aquifer System			182,985	182,985	182,985	182,985	182,985	182,985	182,985

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No District – County									
GCD	Gulf Coast Aquifer System	County	Modeled Available Groundwater (acre-feet per year)						
			2020	2030	2040	2050	2060	2070	2080
No District-County	Chicot	Chambers	21,935	21,946	21,957	21,966	21,967	21,968	21,968
No District-County	Evangeline	Chambers	386	386	386	386	386	386	386
No District-County	Chicot	Jefferson	15,214	15,214	15,214	15,214	15,214	15,214	15,214
No District-County	Evangeline	Jefferson	211	211	211	211	211	211	211
No District-County	Chicot	Liberty	18,594	18,594	18,593	18,594	18,594	18,594	18,594
No District-County	Evangeline	Liberty	51,924	51,923	51,922	51,922	51,923	51,924	51,924
No District-County	Burkeville confining unit	Liberty	243	243	243	243	243	243	243
No District-County	Jasper	Liberty	900	900	900	900	900	900	900
No District-County	Chicot	Orange	22,854	22,854	22,854	22,854	22,854	22,854	22,854
No District-County	Evangeline	Orange	2,351	2,351	2,351	2,351	2,351	2,351	2,351
No District-County	Evangeline	Washington	11,231	11,231	11,231	11,231	11,231	11,231	11,231
No District-County	Burkeville confining unit	Washington	421	421	421	421	421	421	421
No District-County	Jasper	Washington	28,746	28,746	28,746	28,746	28,746	28,746	28,746
No District-County Totals									
Gulf Coast Aquifer System			175,010	175,020	175,029	175,039	175,041	175,043	175,043

Groundwater Management Area (GMA) 14
Projected Groundwater Pumpage by Subsidence District
2021 Joint Planning

Fort Bend Subsidence District									
GCD	Gulf Coast Aquifer System	County	Projected Groundwater Pumpage to Achieve Desired Future Condition (acre-feet per year)						
			2020	2030	2040	2050	2060	2070	2080
Fort Bend Subsidence District	Chicot	Fort Bend	58,273	52,870	62,897	73,277	84,381	97,154	97,154
Fort Bend Subsidence District	Evangeline	Fort Bend	71,572	51,072	56,659	61,881	66,953	72,193	72,193
Fort Bend Subsidence District	Burkeville confining unit	Fort Bend	0	0	0	0	0	0	0
Fort Bend Subsidence District	Jasper	Fort Bend	0	0	0	0	0	0	0
Fort Bend Subsidence District Totals									
Gulf Coast Aquifer System			129,845	103,942	119,556	135,158	151,334	169,347	169,347

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Projected Groundwater Pumpage by Subsidence District
2021 Joint Planning

Harris-Galveston Subsidence District									
GCD	Gulf Coast Aquifer System	County	Projected Groundwater Pumpage to Achieve Desired Future Condition (acre-feet per year)						
			2020	2030	2040	2050	2060	2070	2080
Harris-Galveston Subsidence District	Chicot	Galveston	5,817	6,535	7,151	7,746	8,301	8,807	8,807
Harris-Galveston Subsidence District	Evangeline	Galveston	215	254	284	314	346	373	373
Harris-Galveston Subsidence District	Chicot	Harris	136,644	108,688	80,496	86,816	90,263	93,781	93,781
Harris-Galveston Subsidence District	Evangeline	Harris	264,622	176,464	114,859	121,185	126,268	131,389	131,389
Harris-Galveston Subsidence District	Burkeville confining unit	Harris	0	0	0	0	0	0	0
Harris-Galveston Subsidence District	Jasper	Harris	8,212	5,432	3,164	3,368	3,519	3,658	3,658
Harris-Galveston Subsidence District Totals									
Gulf Coast Aquifer System			415,510	297,373	205,954	219,429	228,697	238,008	238,008