

Groundwater Management Area (GMA) 16
Modeled Available Groundwater for Relevant Aquifers by Groundwater Conservation District (GCD)
2021 Joint Planning

Bee GCD									
GCD	Aquifer	County	Modeled Available Groundwater (acre-feet per year)						
			2020	2030	2040	2050	2060	2070	2080
Bee GCD	Gulf Coast Aquifer System	Bee	10,338	11,849	12,593	12,944	13,146	13,146	13,146

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Brush Country GCD									
GCD	Aquifer	County	Modeled Available Groundwater (acre-feet per year)						
			2020	2030	2040	2050	2060	2070	2080
Brush Country GCD	Gulf Coast Aquifer System	Brooks	3,660	3,660	3,660	3,660	3,660	4,205	4,205
Brush Country GCD	Gulf Coast Aquifer System	Hidalgo	131	131	131	131	131	150	150
Brush Country GCD	Gulf Coast Aquifer System	Jim Hogg	6,167	6,167	6,167	6,167	6,167	7,084	7,084
Brush Country GCD	Gulf Coast Aquifer System	Jim Wells	8,701	9,065	9,393	9,758	10,050	11,544	11,544
Brush Country GCD Totals									
Gulf Coast Aquifer System			18,659	19,023	19,351	19,716	20,008	22,983	22,983

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Duval County GCD									
GCD	Aquifer	County	Modeled Available Groundwater (acre-feet per year)						
			2020	2030	2040	2050	2060	2070	2080
Duval County GCD	Gulf Coast Aquifer System	Duval	20,571	22,169	23,764	25,363	26,963	26,963	26,963

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Kenedy County GCD									
GCD	Aquifer	County	Modeled Available Groundwater (acre-feet per year)						
			2020	2030	2040	2050	2060	2070	2080
Kenedy County GCD	Gulf Coast Aquifer System	Brooks	1,308	1,463	1,693	1,847	2,078	2,232	2,232
Kenedy County GCD	Gulf Coast Aquifer System	Hidalgo	412	460	534	582	654	703	703
Kenedy County GCD	Gulf Coast Aquifer System	Jim Wells	296	330	383	417	469	505	505
Kenedy County GCD	Gulf Coast Aquifer System	Kenedy	9,040	10,104	11,698	12,762	14,358	15,421	15,421
Kenedy County GCD	Gulf Coast Aquifer System	Kleberg	4,291	4,796	5,553	6,058	6,815	7,320	7,320
Kenedy County GCD	Gulf Coast Aquifer System	Nueces	171	191	221	241	271	291	291
Kenedy County GCD	Gulf Coast Aquifer System	Willacy	328	365	424	462	520	558	558
Kenedy County GCD Totals									
Gulf Coast Aquifer System			15,846	17,709	20,506	22,369	25,165	27,030	27,030

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Live Oak UWCD									
GCD	Aquifer	County	Modeled Available Groundwater (acre-feet per year)						
			2020	2030	2040	2050	2060	2070	2080
Live Oak UWCD	Gulf Coast Aquifer System	Live Oak	10,169	11,394	10,444	10,294	10,294	10,294	10,294

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McMullen GCD									
GCD	Aquifer	County	Modeled Available Groundwater (acre-feet per year)						
			2020	2030	2040	2050	2060	2070	2080
McMullen GCD	Gulf Coast Aquifer System	McMullen	510	510	510	510	510	510	510

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Red Sands GCD									
GCD	Aquifer	County	Modeled Available Groundwater (acre-feet per year)						
			2020	2030	2040	2050	2060	2070	2080
Red Sands GCD	Gulf Coast Aquifer System	Hidalgo	1,667	1,966	2,265	2,563	2,863	2,863	2,863

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San Patricio County GCD

GCD	Aquifer	County	Modeled Available Groundwater (acre-feet per year)						
			2020	2030	2040	2050	2060	2070	2080
San Patricio County GCD	Gulf Coast Aquifer System	San Patricio	43,611	45,016	46,422	47,828	49,234	49,234	49,234

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Starr County GCD									
GCD	Aquifer	County	Modeled Available Groundwater (acre-feet per year)						
			2020	2030	2040	2050	2060	2070	2080
Starr County GCD	Gulf Coast Aquifer System	Starr	3,798	4,797	5,797	6,794	7,795	7,795	7,795

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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	Gulf Coast Aquifer System	Cameron	6,688	7,999	9,311	10,620	11,932	11,932	11,932
No District-County	Gulf Coast Aquifer System	Hidalgo	85,634	90,905	96,175	101,445	106,715	106,715	106,715
No District-County	Gulf Coast Aquifer System	Kleberg	4,051	4,243	4,436	4,629	4,822	4,822	4,822
No District-County	Gulf Coast Aquifer System	Nueces	6,339	6,596	6,857	7,115	7,372	7,372	7,372
No District-County	Gulf Coast Aquifer System	Webb	620	789	959	1,129	1,299	1,299	1,299
No District-County	Gulf Coast Aquifer System	Willacy	664	785	905	1,024	1,145	1,145	1,145
No District-County	Gulf Coast Aquifer System	Cameron	6,688	7,999	9,311	10,620	11,932	11,932	11,932
No District-County Totals									
	Gulf Coast Aquifer System		103,996	111,317	118,643	125,962	133,285	133,285	133,285