

Regional Water Provider for Bexar County (RWPBC)							
Projected Demands:							
Water Purchaser	Year (acft)						
	2000	2010	2020	2030	2040	2050	2060
Bexar Metropolitan Water District (BMWD)			4,000	4,000	4,000	4,000	4,000
Selma			1,000	1,000	1,000	1,000	1,000
County-Other (Bexar)				200	200	200	200
Mining (Bexar)				1,300	1,300	1,300	1,300
Total Demand	0	0	5,000	6,500	6,500	6,500	6,500
Supply:							
Source	Year (acft)						
	2000	2010	2020	2030	2040	2050	2060
Total Supply	0	0	0	0	0	0	0
Projected Balance:							
	Year (acft)						
	2000	2010	2020	2030	2040	2050	2060
System Management Supply / (Deficit)*	0	0	(5,000)	(6,500)	(6,500)	(6,500)	(6,500)
Water Management Strategies (WMS):							
	Year (acft)						
	2000	2010	2020	2030	2040	2050	2060
Conservation ¹							
Edwards Aquifer Recharge - Type 2 Projects			13,451	13,451	13,451	13,451	21,577
Seawater Desalination							84,012
Surface Water Rights							
Recycled Water Programs							
Brush Management							
Weather Modification							
Cooperation w/ Corpus Christi for New Sources							
Total New Supply		0	13,451	13,451	13,451	13,451	105,589
Projected Balance (w/ WMS):							
	Year (acft)						
	2000	2010	2020	2030	2040	2050	2060
System Management Supply / (Deficit)*		0	8,451	6,951	6,951	6,951	99,089

¹ Assigned by Water User Group (WUG) based on Municipal Conservation WMS recommended by SCTRWPB.

* System Management Supplies are included so that WMSs are identified to replace planned strategies that fail to develop and/or to serve as additional supplies in the event that rules, regulations, or other restrictions limit use of planned strategies.

San Antonio Water System (SAWS)							
Projected Demands:							
Water Purchaser	Year (acft)						
	2000	2010	2020	2030	2040	2050	2060
Balcones Heights	480	514	555	578	600	633	670
China Grove	288	376	457	531	591	645	695
Elmendorf	99	112	123	132	140	148	156
Helotes	845	1,537	2,249	2,820	3,264	3,679	4,047
Leon Valley	407	397	388	382	375	372	377
Olmos Park	381	403	424	441	452	468	484
San Antonio	166,813	192,007	213,943	234,865	250,671	265,958	281,204
Terrell Hills	815	863	914	956	983	1,018	1,057
East Central WSC	2,240	0	0	0	0	0	0
East Central WSC (Palm Park)	1,120	1,120	1,120	0	0	0	0
Rural	5,595	5,661	5,747	5,796	5,796	5,884	6,012
Industrial (Bexar County)	7,723	12,000	16,000	18,000	22,000	30,000	30,000
Total Demand	186,806	214,990	241,920	264,501	284,872	308,805	324,702
Supply:							
Source	Year (acft)						
	2000	2010	2020	2030	2040	2050	2060
Edwards Aquifer	116,931	116,931	116,931	116,931	116,931	116,931	116,931
Carrizo Aquifer	6,400	6,400	6,400	5,400	5,327	5,256	5,195
Direct Reuse	26,717	26,717	26,717	26,717	26,717	26,717	26,717
GBRA (Canyon Reservoir)	0	7,500	5,500	4,000	0	0	0
Total Supply	150,048	157,548	155,548	153,048	148,975	148,904	148,843
Projected Balance:							
	Year (acft)						
	2000	2010	2020	2030	2040	2050	2060
System Management Supply / (Deficit)*	(36,758)	(57,442)	(86,372)	(111,453)	(135,897)	(159,901)	(175,859)
Water Management Strategies (WMS):							
	Year (acft)						
	2000	2010	2020	2030	2040	2050	2060
Conservation ¹							
Edwards Transfers		48,000	48,000	48,000	48,000	48,000	48,000
Recycled Water Program Expansion ²		18,712	23,510	28,064	31,543	34,155	36,258
Regional Carrizo for Bexar County ^{3,4}		56,188	56,188	57,188	57,261	57,332	57,393
Local Trinity		5,000	5,000	5,000	5,000	5,000	5,000
Brackish Groundwater Desalination (Wilcox) ⁵		5,662	5,662	5,662	5,662	5,662	5,662
LCRA/SAWS Water Project ⁶						150,000	150,000
Surface Water Rights							
Local Storage							
Brush Management Studies							
Brackish Groundwater Desalination (Edwards)							
Recharge & Recirculation Studies							
Total New Supply		133,562	138,360	143,914	147,466	300,149	302,313
Projected Balance (w/ WMS):							
	Year (acft)						
	2000	2010	2020	2030	2040	2050	2060
System Management Supply / (Deficit)*		76,120	51,988	32,461	11,569	140,248	126,454
¹ Assigned by Water User Group (WUG) based on Municipal Conservation WMS recommended by SCTRWP.G.							
² Based on SAWS goal of meeting 20% of SAWS Municipal and Bexar County Industrial demands with recycled water.							
³ Total supply associated with WMS is 62,588 acft/yr of which up to 6,400 acft/yr was included as existing supply.							
⁴ This project was evaluated in conformance with the existing rules of the Gonzales County UWCD. A part of the supply developed by this project exceeds the amount of available water identified in the current Gonzales County UWCD management plan. The amount of water needed by the project that exceeds the available water in the management plan cannot be implemented unless and until permits are received from the Gonzales County UWCD.							
⁵ Wilcox Aquifer in Bexar County with connection to W.W. White storage tank.							
⁶ Point of diversion is the subject of on-going studies, however, the Bay City diversion point used in the 2001 South Central Texas Regional Water Plan has been assumed for cost estimation purposes. Allocation of the full projected 150,000 acft/yr to this potential diversion location does not preclude development of an upstream alternative or additional diversion location.							
* System Management Supplies are included so that WMSs are identified to replace planned strategies that fail to develop and/or to serve as additional supplies in the event that rules, regulations, or other restrictions limit use of planned strategies.							

Bexar Metropolitan Water District (BMWD)							
Projected Demands:							
Water Purchaser	Year (acft)						
	2000	2010	2020	2030	2040	2050	2060
Bexar Met Water District (Atascosa County)	389	505	621	715	780	843	895
Bexar Met Water District (Bexar County)	8,794	8,897	9,032	9,109	9,110	9,248	9,449
Bexar Met Water District (Comal County)	230	462	748	1,059	1,344	1,654	2,001
Bexar Met Water District (Medina County)	15	24	33	41	47	54	60
Castle Hills	838	820	807	793	780	771	771
Hill Country Village	842	838	835	831	828	826	826
Hollywood Park	2,229	2,314	2,389	2,458	2,511	2,565	2,616
San Antonio	21,419	24,654	27,471	30,157	32,187	34,150	36,107
Somerset	321	405	484	552	609	660	709
East Central WSC	1,400	1,400	1,400	1,400	1,400	1,400	1,400
Converse	0	1,500	1,500	1,500	1,500	1,500	1,500
Live Oak	0	1,000	1,000	1,000	1,000	1,000	1,000
Total Demand	36,477	42,819	46,320	49,615	52,096	54,671	57,334
Supply:							
Source	Year (acft)						
	2000	2010	2020	2030	2040	2050	2060
Run-of-River (Medina River)	4,531	4,531	4,531	4,531	4,531	4,531	4,531
CRWA (Canyon Reservoir)	4,000	4,000	0	0	0	0	0
Trinity Aquifer (Bexar & Comal Counties)	158	158	158	158	158	150	151
Carrizo Aquifer (Bexar County)	1,000	1,000	1,000	776	767	757	749
Medina Lake System	0	0	0	0	0	0	0
Edwards Aquifer	12,887	12,887	12,887	12,887	12,887	12,887	12,887
Total Supply	22,576	22,576	18,576	18,352	18,343	18,325	18,318
Projected Balance:							
	Year (acft)						
	2000	2010	2020	2030	2040	2050	2060
System Management Supply / (Deficit)*	(13,901)	(20,243)	(27,744)	(31,263)	(33,753)	(36,346)	(39,016)
Water Management Strategies (WMS):							
	Year (acft)						
	2000	2010	2020	2030	2040	2050	2060
Conservation ¹		1,037	1,667	2,310	2,838	3,778	5,376
Edwards Transfers		3,960	3,960	3,960	3,960	3,960	3,960
Local Trinity		15,000	15,000	15,000	15,000	15,000	15,000
Local Carrizo		4,000	4,000	4,000	4,000	4,000	4,000
Wells Ranch Project ^{2,3}		3,400	3,400	3,400	3,400	3,400	3,400
Purchase from WWP (CRWA)		1,500	6,600	7,500	7,500	7,500	7,500
Purchase from WWP (RWPBC)			4,000	4,000	4,000	4,000	4,000
Surface Water Rights							
Local Storage							
Total New Supply		28,897	38,627	40,170	40,698	41,638	43,236
Projected Balance (w/ WMS):							
	Year (acft)						
	2000	2010	2020	2030	2040	2050	2060
System Management Supply / (Deficit)*		8,654	10,883	8,907	6,945	5,292	4,220
¹ Assigned by Water User Group (WUG) based on Municipal Conservation WMS recommended by SCTRWPWG.							
² As up to 5,600 acft/yr of this potential 9,000 acft/yr supply is committed to the CRWA Dunlap Project, amount shown is 3,400 acft/yr.							
³ This project was evaluated in conformance with the existing rules of the Gonzales County UWCD. A part of the supply developed by this project exceeds the amount of available water identified in the current Gonzales County UWCD management plan. The amount of water needed by the project that exceeds the available water in the management plan cannot be implemented unless and until permits are received from the Gonzales County UWCD.							
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Guadalupe-Blanco River Authority (GBRA)								
Projected Demands (acft/yr):								
Water Purchaser	Basin	Year (acft)						
	Location	2000	2010	2020	2030	2040	2050	2060
Municipal (Canyon Reservoir)								
Upper Basin - At or above Canyon Reservoir								
Canyon Lake WSC	U	4,000	4,000	4,769	6,838	8,898	11,034	13,331
City of Blanco	U	600	600	600	600	600	600	600
Domestic Contracts	U	25	25	25	25	25	25	25
Rebecca Creek MUD	U	130	130	130	130	130	130	130
Wimberley WSC	U	0	177	400	628	847	1,248	1,479
Woodcreek & Woodcreek Utilities	U	0	593	1,059	1,549	2,027	2,691	3,157
WW Sports	U	1	1	1	1	1	1	1
Yacht Club	U	4	4	4	4	4	4	4
Bulverde (Western Canyon)	U	0	1,053	1,742	2,528	3,310	4,123	4,995
City of Boerne (Western Canyon)	U	0	650	1,300	1,884	2,410	2,953	3,403
City of Fair Oaks Ranch (Western Canyon)	U	0	1,200	1,300	1,400	1,400	1,400	1,400
Comal County-Other (Western Canyon)	U	0	876	955	1,064	1,161	1,343	1,494
Cordillera Ranch (Western Canyon)	U	0	366	660	1,000	1,000	1,000	1,000
DH Invest.-Johnson Ranch (Western Canyon)	U	0	45	400	400	400	400	400
Kendall & Tapatio (Western Canyon)	U	0	366	500	500	500	500	500
Kendall County-Other (Western Canyon)	U	0	221	865	1,612	2,527	3,385	4,163
SARA (Western Canyon)	U	0	0	50	50	0	0	0
SAWS (Western Canyon)	U	0	7,500	5,500	4,000	0	0	0
Western Canyon Sub-Total		0	12,277	13,272	14,438	12,708	15,104	17,355
Total Upper Basin Municipal (Canyon Reservoir)		4,760	17,807	20,260	24,213	25,240	30,837	36,082
Mid Basin								
Canyon Regional Water Authority (In district after 2018)	M	10,025	10,025	10,025	10,025	10,025	10,025	10,025
NBU + 50% of Comal County-Other	M	6,720	7,687	9,136	12,382	15,586	18,979	22,688
City of Seguin	M	3,000	2,000	2,000	2,000	2,000	2,000	2,000
Dittmar, Gary	M	5	5	5	5	5	5	5
Dittmar, Ray	M	5	5	5	5	5	5	5
Gonzales County WSC	M	700	700	700	700	700	700	700
Green Valley SUD	M	200	200	300	300	700	700	700
Springs Hill WSC	M	2,500	2,500	2,500	2,500	2,500	2,500	2,500
CRWA (Hays/Caldwell or San Marcos WTP)	M	2,038	2,038	2,038	2,038	2,038	2,038	2,038
City of Buda (San Marcos WTP)	M	1,120	1,120	1,120	1,120	1,120	1,120	1,120
City of Kyle (San Marcos WTP)	M	589	2,957	3,177	3,454	3,614	4,111	4,111
City of Mustang Ridge (San Marcos WTP)	M	0	19	62	99	137	175	213
City of Niederwald (San Marcos WTP)	M	0	35	95	160	221	294	354
Plum Creek WC (San Marcos WTP)	M	0	0	73	274	479	738	941
City of San Marcos (San Marcos WTP)	M	5,000	5,000	10,000	10,000	10,000	10,000	10,000
County Line WSC (Hays/Caldwell or San Marcos WTP)	M	0	0	500	1,000	1,000	1,000	1,000
Crystal Clear WSC (Hays/Caldwell or San Marcos WTP)	M	800	800	800	1,300	1,800	1,800	1,800
Maxwell WSC (Hays/Caldwell or San Marcos WTP)	M	0	0	0	100	400	500	700
Martindale WSC (Hays/Caldwell or San Marcos WTP)	M	0	0	0	0	50	50	50
Goforth WSC (San Marcos WTP)	M	250	1,000	1,000	1,500	2,000	2,500	3,000
Hays County-Other (San Marcos WTP)	M	0	4,480	4,480	4,480	4,480	4,480	4,480
San Marcos WTP Sub-Total		9,797	17,449	23,345	25,525	27,339	28,806	29,807
Total Mid Basin Municipal (Canyon Reservoir)		32,952	40,571	48,016	53,442	58,860	63,720	68,430
Lower Basin								
Calhoun County Rural WSC	L	500	500	500	500	500	500	500
City of Port Lavaca	L	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Port O'Conner MUD	L	60	60	60	60	60	60	60
Total Lower Basin Municipal (Canyon Reservoir)		2,060	2,060	2,060	2,060	2,060	2,060	2,060
Industrial/Steam-Electric (Canyon Reservoir)								
Upper Basin								
Harris Road Company	U	6	6	6	6	6	6	6
Mid Basin (Includes no new commitments for Steam-Electric supply)								
Acme	M	25	25	25	25	25	25	25
Boehm (Pecan Dr.)	M	1	1	1	1	1	1	1
Comal Fair	M	1	1	1	1	1	1	1
Comal Road Department	M	3	3	3	3	3	3	3
GPP (Panda Energy)	M	6,840	6,840	5,720	5,720	5,720	5,720	5,720
Guadalupe County	M	1	1	1	1	1	1	1
Hays Energy LP	M	2,464	2,464	2,464	2,464	2,464	2,464	2,464
SMI	M	700	700	700	700	700	700	700
Std. Gypsum	M	258	258	258	258	258	258	258
Total Mid Basin Industrial/SE (Canyon Reservoir)		10,293	10,293	9,173	9,173	9,173	9,173	9,173
Lower Basin								
Coletto Creek	L	4,000	4,000	6,000	6,000	6,000	6,000	6,000

Canyon Regional Water Authority (CRWA)							
Projected Demands:							
	Year (acft)						
Water Purchaser	2000	2010	2020	2030	2040	2050	2060
Bexar Met Water District	4,000	5,500	6,600	7,500	7,500	7,500	7,500
City of Cibola	800	866	2,800	2,800	2,800	2,800	2,800
County Line WSC	1,267	1,267	1,767	1,767	2,267	2,267	2,267
East Central WSC	1,400	1,400	1,400	551	795	1,016	1,242
Green Valley SUD	1,800	1,800	5,600	6,000	6,400	7,200	8,000
City of La Vernia	0	0	0	0	0	8	114
City of Marion	100	100	100	113	128	148	170
Martindale	158	158	158	158	158	158	158
Martindale WSC	288	288	288	288	288	288	288
Springs Hill WSC	1,925	1,925	1,925	1,925	1,925	1,925	1,925
SS WSC	0	0	0	0	0	0	690
City of Santa Clara (Served by Green Valley SUD)	0	100	300	400	500	700	900
Guadalupe County-Other	56	48	37	25	15	7	0
Maxwell WSC	867	867	867	867	867	867	867
Crystal Clear WSC	382	382	382	382	382	882	882
Total Demand	13,043	14,701	22,224	22,776	24,025	25,766	27,803
Supply:							
	Year (acft)						
Source	2000	2010	2020	2030	2040	2050	2060
GBRA - Lake Dunlap	10,025	10,025	10,025	10,025	10,025	10,025	10,025
GBRA - Hays/Caldwell	2,038	2,038	2,038	2,038	2,038	2,038	2,038
Water Right Leases	924	924	924	924	924	924	924
Total Supply	12,987	12,987	12,987	12,987	12,987	12,987	12,987
Projected Balance:							
	Year (acft)						
	2000	2010	2020	2030	2040	2050	2060
System Management Supply / (Deficit)*	(56)	(1,714)	(9,237)	(9,789)	(11,038)	(12,779)	(14,816)
Water Management Strategies (WMS):							
	Year (acft)						
	2000	2010	2020	2030	2040	2050	2060
Conservation ¹							
CRWA Dunlap / Wells Ranch Project ^{2,3}		5,600	5,600	5,600	5,600	5,600	5,600
CRWA Siesta Project			5,042	5,042	5,042	5,042	5,042
Hays/Caldwell Carrizo Project					1,000	3,000	5,000
Local Trinity							
Local Carrizo							
Purchase from WWP (GBRA)							
Recycled Water							
Transmission Systems							
Total New Supply		5,600	10,642	10,642	11,642	13,642	15,642
Projected Balance (w/ WMS):							
	Year (acft)						
	2000	2010	2020	2030	2040	2050	2060
System Management Supply / (Deficit)*		3,886	1,405	853	604	863	826
¹ Assigned by Water User Group (WUG) based on Municipal Conservation WMS recommended by SCTRWPG.							
² CRWA Dunlap Project includes up to 5,600 acft/yr from the Wells Ranch Project to firm-up surface water supply.							
³ This project was evaluated in conformance with the existing rules of the Gonzales County UWCD. A part of the supply developed by this project exceeds the amount of available water identified in the current Gonzales County UWCD management plan. The amount of water needed by the project that exceeds the available water in the management plan cannot be implemented unless and until permits are received from the Gonzales County UWCD.							
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Schertz-Seguin Local Government Corporation (SSLGC)							
Projected Demands:							
Water Purchaser	Year (acft)						
	2000	2010	2020	2030	2040	2050	2060
Schertz	5,420	5,420	5,444	6,055	7,542	9,233	11,041
Seguin	5,420	5,420	5,718	6,454	7,203	8,069	9,047
Selma	800	1,500	1,500	1,500	1,500	1,500	1,500
Springs Hill WSC	560	560	560	560	560	560	560
Universal City	800	800	800	800	800	800	800
Green Valley SUD	0	200	500	500	500	500	500
Crystal Clear WSC	0	0	300	600	900	900	900
Garden Ridge	0	170	252	346	440	537	644
Total Demand	13,000	14,070	15,074	16,815	19,445	22,099	24,992
Supply:							
Source	Year (acft)						
	2000	2010	2020	2030	2040	2050	2060
Carrizo Aquifer (Gonzales County) ¹	12,200	12,200	12,200	12,200	12,200	12,200	12,200
Total Supply	12,200	12,200	12,200	12,200	12,200	12,200	12,200
Projected Balance:							
	Year (acft)						
	2000	2010	2020	2030	2040	2050	2060
System Management Supply / (Deficit)*	(800)	(1,870)	(2,874)	(4,615)	(7,245)	(9,899)	(12,792)
Water Management Strategies (WMS):							
	Year (acft)						
	2000	2010	2020	2030	2040	2050	2060
Conservation ²							
Regional Carrizo for SSLGC Project Expansion ³		12,800	12,800	12,800	12,800	12,800	12,800
Total New Supply		12,800	12,800	12,800	12,800	12,800	12,800
Projected Balance (w/ WMS):							
	Year (acft)						
	2000	2010	2020	2030	2040	2050	2060
System Management Supply / (Deficit)*		10,930	9,926	8,185	5,555	2,901	8

¹ Permitted production as of August 2004.

² Assigned by Water User Group (WUG) based on Municipal Conservation WMS recommended by SCTRWP.

³ This project was evaluated in conformance with the existing rules of the Gonzales County UWCD. A part of the supply developed by this project exceeds the amount of available water identified in the current Gonzales County UWCD management plan. The amount of water needed by the project that exceeds the available water in the management plan cannot be implemented unless and until permits are received from the Gonzales County UWCD.

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