

Table 4-17
Projected Water Demands, Supplies, and Needs
Refugio County
South Central Texas Region

Basin	Source	Total in	Projections					
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
Municipal Demand								
San Antonio Basin								
Rural		8	7	6	6	5	5	5
	Subtotal	8	7	6	6	5	5	5
San Antonio-Nueces Coastal Basin								
Refugio		557	645	709	723	763	787	777
Woodsboro		272	283	291	289	292	295	293
Rural		354	314	281	264	239	225	227
	Subtotal	1,183	1,242	1,281	1,276	1,294	1,307	1,297
Total Municipal Demand		1,191	1,249	1,287	1,282	1,299	1,312	1,302
Municipal Existing Supply								
San Antonio Basin								
Rural	Gulf Coast	10	10	10	10	10	10	10
	Subtotal	10	10	10	10	10	10	10
San Antonio-Nueces Coastal Basin								
Refugio	Gulf Coast	1,512	1,512	1,512	1,512	1,512	1,512	1,512
Woodsboro	Gulf Coast	710	710	710	710	710	710	710
Rural	Gulf Coast	443	443	443	443	443	443	443
	Subtotal	2,665	2,665	2,665	2,665	2,665	2,665	2,665
Total Municipal Existing Supply		2,675	2,675	2,675	2,675	2,675	2,675	2,675
Municipal Surplus/Shortage								
San Antonio Basin								
Rural		2	3	4	4	5	5	5
	Subtotal	2	3	4	4	5	5	5
San Antonio-Nueces Coastal Basin								
Refugio		955	867	803	789	749	725	735
Woodsboro		438	427	419	421	418	415	417
Rural		89	129	162	179	204	218	216
	Subtotal	1,482	1,423	1,384	1,389	1,371	1,358	1,368
Total Municipal Surplus/Shortage		1,484	1,426	1,388	1,393	1,376	1,363	1,373
Municipal New Supply Need								
San Antonio Basin								
Rural		0	0	0	0	0	0	0
	Subtotal	0	0	0	0	0	0	0
San Antonio-Nueces Coastal Basin								
Refugio		0	0	0	0	0	0	0
Woodsboro		0	0	0	0	0	0	0
Rural		0	0	0	0	0	0	0
	Subtotal	0	0	0	0	0	0	0
Total Municipal New Supply Need		0	0	0	0	0	0	0
Industrial Demand								
San Antonio Basin								
Total Industrial Demand		0	0	0	0	0	0	0

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Industrial Existing Supply								
San Antonio Basin		0	0	0	0	0	0	0
San Antonio-Nueces Basin		0	0	0	0	0	0	0
Total Industrial Existing Supply		0	0	0	0	0	0	0
Industrial Surplus/Shortage								
San Antonio Basin		0	0	0	0	0	0	0
San Antonio-Nueces Basin		0	0	0	0	0	0	0
Total Industrial Surplus/Shortage		0	0	0	0	0	0	0
Industrial New Supply Need								
San Antonio Basin		0	0	0	0	0	0	0
San Antonio-Nueces Basin		0	0	0	0	0	0	0
Total Industrial New Supply Need		0	0	0	0	0	0	0
Steam-Electric Demand								
San Antonio Basin		0	0	0	0	0	0	0
San Antonio-Nueces Basin		0	0	0	0	0	0	0
Total Steam-Electric Demand		0	0	0	0	0	0	0
Steam-Electric Existing Supply								
San Antonio Basin		0	0	0	0	0	0	0
San Antonio-Nueces Basin		0	0	0	0	0	0	0
Total Steam-Electric Existing Supply		0	0	0	0	0	0	0
Steam-Electric Surplus/Shortage								
San Antonio Basin		0	0	0	0	0	0	0
San Antonio-Nueces Basin		0	0	0	0	0	0	0
Total Steam-Electric Surplus/Shortage		0	0	0	0	0	0	0
Steam-Electric New Supply Need								
San Antonio Basin		0	0	0	0	0	0	0
San Antonio-Nueces Basin		0	0	0	0	0	0	0
Total Steam-Electric New Supply Need		0	0	0	0	0	0	0
Irrigation Demand								
San Antonio Basin		0	0	0	0	0	0	0
San Antonio-Nueces Basin		850	69	69	69	69	69	69
Total Irrigation Demand		850	69	69	69	69	69	69
Irrigation Supply								
San Antonio Basin		0	0	0	0	0	0	0
San Antonio-Nueces Basin	Gulf Coast	850	69	69	69	69	69	69
Total Irrigation Supply		0	0	0	0	0	0	0
Irrigation Surplus/Shortage								
San Antonio Basin		0	0	0	0	0	0	0
San Antonio-Nueces Basin		0	0	0	0	0	0	0
Total Irrigation Surplus/Shortage		0	0	0	0	0	0	0
Irrigation New Supply Need								
San Antonio Basin		0	0	0	0	0	0	0
San Antonio-Nueces Basin		0	0	0	0	0	0	0
Total Irrigation New Supply Need		0	0	0	0	0	0	0

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Mining Demand								
San Antonio Basin		0	0	0	0	0	0	0
San Antonio-Nueces Basin		6	7	8	8	8	8	8
Total Mining Demand		6	7	8	8	8	8	8
Mining Supply								
San Antonio Basin		0	0	0	0	0	0	0
San Antonio-Nueces Basin	Gulf Coast	6	7	8	8	8	8	8
Total Mining Supply		6	7	8	8	8	8	8
Mining Surplus/Shortage								
San Antonio Basin		0	0	0	0	0	0	0
San Antonio-Nueces Basin		0	0	0	0	0	0	0
Total Mining Surplus/Shortage		0	0	0	0	0	0	0
Mining New Supply Need								
San Antonio Basin		0	0	0	0	0	0	0
San Antonio-Nueces Basin		0	0	0	0	0	0	0
Total Mining New Supply Need		0	0	0	0	0	0	0
Livestock Demand								
San Antonio Basin		25	25	25	25	25	25	25
San Antonio-Nueces Basin		598	598	598	598	598	598	598
Total Livestock Demand		623	623	623	623	623	623	623
Livestock Supply								
San Antonio Basin	Local	25	25	25	25	25	25	25
San Antonio-Nueces Basin	Local	598	598	598	598	598	598	598
Total Livestock Supply		623	623	623	623	623	623	623
Livestock Surplus/Shortage								
San Antonio Basin		0	0	0	0	0	0	0
San Antonio-Nueces Basin		0	0	0	0	0	0	0
Total Livestock Surplus/Shortage		0	0	0	0	0	0	0
Livestock New Supply Need								
San Antonio Basin		0	0	0	0	0	0	0
San Antonio-Nueces Basin		0	0	0	0	0	0	0
Total Livestock New Supply Need		0	0	0	0	0	0	0
Total Refugio County Demand								
Municipal		1,191	1,249	1,287	1,282	1,299	1,312	1,302
Industrial		0	0	0	0	0	0	0
Steam-Electric		0	0	0	0	0	0	0
Irrigation		850	69	69	69	69	69	69
Mining		6	7	8	8	8	8	8
Livestock		623	623	623	623	623	623	623
Total County Demand		2,670	1,948	1,987	1,982	1,999	2,012	2,002

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San Antonio-Nueces								
Municipal		2,665	2,665	2,665	2,665	2,665	2,665	2,665
Industrial		850	69	69	69	69	69	69
Steam-Electric		0	0	0	0	0	0	0
Irrigation		850	69	69	69	69	69	69
Mining		6	7	8	8	8	8	8
Livestock		598	598	598	598	598	598	598
Unallocated Groundwater Supply		36,839	37,619	37,618	37,618	37,618	37,618	37,618
Total San Antonio-Nueces Basin Supply		41,808	41,027	41,027	41,027	41,027	41,027	41,027
Total Basin Surplus/Shortage								
San Antonio								
Municipal		2	3	4	4	5	5	5
Industrial		0	0	0	0	0	0	0
Steam-Electric		0	0	0	0	0	0	0
Irrigation		0	0	0	0	0	0	0
Mining		0	0	0	0	0	0	0
Livestock		0	0	0	0	0	0	0
Unallocated Groundwater Supply		1,951	1,951	1,951	1,951	1,951	1,951	1,951
Total San Antonio Basin Surplus/Shortage		1,953	1,954	1,955	1,955	1,956	1,956	1,956
San Antonio-Nueces								
Municipal		1,482	1,423	1,384	1,389	1,371	1,358	1,368
Industrial		850	69	69	69	69	69	69
Steam-Electric		0	0	0	0	0	0	0
Irrigation		0	0	0	0	0	0	0
Mining		0	0	0	0	0	0	0
Livestock		0	0	0	0	0	0	0
Unallocated Groundwater Supply		36,839	37,619	37,618	37,618	37,618	37,618	37,618
Total San Antonio Basin-Nueces Surplus/Shortage		39,171	39,111	39,071	39,076	39,058	39,045	39,055
Groundwater Supplies								
Available								
San Antonio	Gulf Coast	1,961	1,961	1,961	1,961	1,961	1,961	1,961
San Antonio-Nueces	Gulf Coast	40,359	40,359	40,359	40,359	40,359	40,359	40,359
Total Available		42,320	42,320	42,320	42,320	42,320	42,320	42,320
Allocated								
San Antonio	Gulf Coast	10	10	10	10	10	10	10
San Antonio-Nueces	Gulf Coast	3,521	2,741	2,742	2,742	2,742	2,742	2,742
Total Allocated		3,531	2,751	2,752	2,752	2,752	2,752	2,752
Total Unallocated		38,790	39,570	39,569	39,569	39,569	39,569	39,569