

Table 4-18
Projected Water Demands, Supplies, and Needs
Uvalde 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								
Nueces Basin								
Sabinal		412	407	403	398	393	389	389
Uvalde		6,070	6,087	6,124	6,144	6,148	6,150	6,178
Rural		1,286	1,572	1,867	2,110	2,305	2,425	2,532
	Subtotal	7,768	8,066	8,394	8,652	8,846	8,964	9,099
Total Municipal Demand		7,768	8,066	8,394	8,652	8,846	8,964	9,099
Municipal Existing Supply								
Nueces Basin								
Sabinal	Edwards	311	311	311	311	311	311	311
Uvalde	Edwards	2,657	2,657	2,657	2,657	2,657	2,657	2,657
Rural	Edwards	153	153	153	153	153	153	153
	Carrizo	1,431	1,431	1,431	1,431	1,431	1,431	1,431
Rural Subtotal		1,584	1,584	1,584	1,584	1,584	1,584	1,584
	Subtotal	4,552	4,552	4,552	4,552	4,552	4,552	4,552
Total Municipal Existing Supply		4,552	4,552	4,552	4,552	4,552	4,552	4,552
Municipal Surplus/Shortage								
Nueces Basin								
Sabinal		-101	-96	-92	-87	-82	-78	-78
Uvalde		-3,413	-3,430	-3,467	-3,487	-3,491	-3,493	-3,521
Rural		298	12	-283	-526	-721	-841	-948
	Subtotal	-3,216	-3,514	-3,842	-4,100	-4,294	-4,412	-4,547
Total Municipal Surplus/Shortage		-3,216	-3,514	-3,842	-4,100	-4,294	-4,412	-4,547
Municipal New Supply Need								
Nueces Basin								
Sabinal		101	96	92	87	82	78	78
Uvalde		3,413	3,430	3,467	3,487	3,491	3,493	3,521
Rural		0	0	283	526	721	841	948
	Subtotal	3,514	3,526	3,842	4,100	4,294	4,412	4,547
Total Municipal New Supply Need		3,514	3,526	3,842	4,100	4,294	4,412	4,547
Industrial Demand								
Nueces Basin								
		378	432	455	473	490	505	538
Total Industrial Demand		378	432	455	473	490	505	538
Industrial Existing Supply								
Nueces Basin								
	Edwards	1,160	1,160	1,160	1,160	1,160	1,160	1,160
Total Industrial Existing Supply		1,160	1,160	1,160	1,160	1,160	1,160	1,160
Industrial Surplus/Shortage								
Nueces Basin								
		782	728	705	687	670	655	622
Total Industrial Surplus/Shortage		782	728	705	687	670	655	622
Industrial New Supply Need								
Nueces Basin								
		0	0	0	0	0	0	0
Total Industrial New Supply Need		0	0	0	0	0	0	0

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Livestock Supply								
Nueces Basin	Local	1,284	1,284	1,284	1,284	1,284	1,284	1,284
Total Livestock Supply		1,284	1,284	1,284	1,284	1,284	1,284	1,284
Livestock Surplus/Shortage								
Nueces Basin		0	0	0	0	0	0	0
Total Livestock Surplus/Shortage		0	0	0	0	0	0	0
Livestock New Supply Need								
Nueces Basin		0	0	0	0	0	0	0
Total Livestock New Supply Need		0	0	0	0	0	0	0
Total Uvalde County Demand								
Municipal		7,768	8,066	8,394	8,652	8,846	8,964	9,099
Industrial		378	432	455	473	490	505	538
Steam-Electric		0	0	0	0	0	0	0
Irrigation		58,061	55,791	53,609	51,513	49,498	47,563	45,703
Mining		250	313	345	364	383	401	418
Livestock		1,284	1,284	1,284	1,284	1,284	1,284	1,284
Total County Demand		67,741	65,886	64,087	62,286	60,501	58,717	57,042
Total Uvalde County Supply								
Municipal		4,552	4,552	4,552	4,552	4,552	4,552	4,552
Industrial		1,160	1,160	1,160	1,160	1,160	1,160	1,160
Steam-Electric		0	0	0	0	0	0	0
Irrigation		80,184	80,184	80,184	80,184	80,184	80,184	80,184
Mining		250	313	345	364	383	401	418
Livestock		1,284	1,284	1,284	1,284	1,284	1,284	1,284
Total County Supply		87,430	87,493	87,525	87,544	87,563	87,581	87,598
Total Uvalde County Surplus/Shortage								
Municipal		-3,216	-3,514	-3,842	-4,100	-4,294	-4,412	-4,547
Industrial		782	728	705	687	670	655	622
Steam-Electric		0	0	0	0	0	0	0
Irrigation		22,123	24,393	26,575	28,671	30,686	32,621	34,481
Mining		0	0	0	0	0	0	0
Livestock		0	0	0	0	0	0	0
Total County Surplus/Shortage		19,689	21,607	23,438	25,258	27,062	28,864	30,556
Total Basin Demand								
Nueces								
Municipal		7,768	8,066	8,394	8,652	8,846	8,964	9,099
Industrial		378	432	455	473	490	505	538
Steam-Electric		0	0	0	0	0	0	0
Irrigation		58,061	55,791	53,609	51,513	49,498	47,563	45,703
Mining		250	313	345	364	383	401	418
Livestock		1,284	1,284	1,284	1,284	1,284	1,284	1,284
Total Nueces Basin Demand		67,741	65,886	64,087	62,286	60,501	58,717	57,042

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Total Basin Supply								
Nueces								
Municipal		4,552	4,552	4,552	4,552	4,552	4,552	4,552
Industrial		1,160	1,160	1,160	1,160	1,160	1,160	1,160
Steam-Electric		0	0	0	0	0	0	0
Irrigation		80,184	80,184	80,184	80,184	80,184	80,184	80,184
Mining		250	313	345	364	383	401	418
Livestock		1,284	1,284	1,284	1,284	1,284	1,284	1,284
Total Nueces Basin Supply		87,430	87,493	87,525	87,544	87,563	87,581	87,598
Total Basin Surplus/Shortage								
Nueces								
Municipal		-3,216	-3,514	-3,842	-4,100	-4,294	-4,412	-4,547
Industrial		782	728	705	687	670	655	622
Steam-Electric		0	0	0	0	0	0	0
Irrigation		22,123	24,393	26,575	28,671	30,686	32,621	34,481
Mining		0	0	0	0	0	0	0
Livestock		0	0	0	0	0	0	0
Total Nueces Basin Surplus/Shortage		19,689	21,607	23,438	25,258	27,062	28,864	30,556
Groundwater Supplies								
Available								
Nueces	Edwards	83,234	83,234	83,234	83,234	83,234	83,234	83,234
Nueces	Carrizo	27,093	27,093	27,093	27,093	27,093	27,093	27,093
Nueces	Edwards-Trinity	3,185	3,185	3,185	3,185	3,185	3,185	3,185
Nueces	Trinity	580	580	580	580	580	476	476
Total Available		114,092	114,092	114,092	114,092	114,092	113,988	113,988
Allocated								
Nueces	Edwards	83,234	83,234	83,234	83,234	83,234	83,234	83,234
Nueces	Carrizo	1,681	1,681	1,681	1,681	1,681	1,681	1,681
Nueces	Edwards-Trinity	0	0	0	0	0	0	0
Nueces	Trinity	0	0	0	0	0	0	0
Total Allocated		84,915	84,915	84,915	84,915	84,915	84,915	84,915
Total Unallocated		29,177	29,177	29,177	29,177	29,177	29,073	29,073