

**Table 4-8
Projected Water Demands, Supplies, and Needs
Frio 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								
Benton City WSC		2	3	4	5	6	6	6
Dilley		1,041	1,229	1,409	1,555	1,683	1,774	1,825
Pearsall		1,435	1,443	1,448	1,449	1,435	1,442	1,449
Rural		636	727	807	881	937	980	1,007
	Subtotal	3,114	3,402	3,668	3,890	4,061	4,202	4,287
	Total Municipal Demand	3,114	3,402	3,668	3,890	4,061	4,202	4,287
Municipal Existing Supply								
Nueces Basin								
Benton City WSC	Carrizo	3	3	3	3	3	3	3
Dilley	Carrizo	2,380	2,380	2,380	2,380	2,380	2,380	2,380
Pearsall	Carrizo	2,880	2,880	2,880	2,880	2,880	2,880	2,880
Rural	Carrizo	1,020	1,020	1,020	1,020	1,020	1,020	1,020
	Total Municipal Existing Supply	6,283	6,283	6,283	6,283	6,283	6,283	6,283
Municipal Surplus/Shortage								
Nueces Basin								
Benton City WSC		1	0	-1	-2	-3	-3	-3
Dilley		1,339	1,151	971	825	697	606	555
Pearsall		1,445	1,437	1,432	1,431	1,445	1,438	1,431
Rural		384	293	213	139	83	40	13
	Subtotal	3,169	2,881	2,615	2,393	2,222	2,081	1,996
	Total Municipal Surplus/Shortage	3,169	2,881	2,615	2,393	2,222	2,081	1,996
Municipal New Supply Need								
Nueces Basin								
Benton City WSC		0	0	1	2	3	3	3
Dilley		0	0	0	0	0	0	0
Pearsall		0	0	0	0	0	0	0
Rural		0	0	0	0	0	0	0
	Subtotal	0	0	1	2	3	3	3
	Total Municipal New Supply Need	0	0	1	2	3	3	3
Industrial Demand								
Nueces Basin								
	Total Industrial Demand	0	0	0	0	0	0	0
Industrial Existing Supply								
Nueces Basin								
	Total Industrial Existing Supply	0	0	0	0	0	0	0
Industrial Surplus/Shortage								
Nueces Basin								
	Total Industrial Surplus/Shortage	0	0	0	0	0	0	0
Industrial New Supply Need								
Nueces Basin								
	Total Industrial New Supply Need	0	0	0	0	0	0	0

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Livestock Supply								
Nueces Basin	Local	1,209	1,209	1,209	1,209	1,209	1,209	1,209
Total Livestock Supply		1,209	1,209	1,209	1,209	1,209	1,209	1,209
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 Frio County Demand								
Municipal		3,114	3,402	3,668	3,890	4,061	4,202	4,287
Industrial		0	0	0	0	0	0	0
Steam-Electric		129	107	85	100	117	139	165
Irrigation		117,098	82,017	79,098	76,302	73,627	71,065	68,592
Mining		139	109	104	102	100	98	96
Livestock		1,209	1,209	1,209	1,209	1,209	1,209	1,209
Total County Demand		121,689	86,844	84,164	81,603	79,114	76,713	74,349
Total Frio County Supply								
Municipal		6,283	6,283	6,283	6,283	6,283	6,283	6,283
Industrial		0	0	0	0	0	0	0
Steam-Electric		168	168	168	168	168	168	168
Irrigation		117,091	82,045	79,129	76,336	73,664	71,105	68,633
Mining		139	109	104	102	100	98	96
Livestock		1,209	1,209	1,209	1,209	1,209	1,209	1,209
Total County Supply		124,890	89,814	86,893	84,098	81,424	78,863	76,389
Total Frio County Surplus/Shortage								
Municipal		3,169	2,881	2,615	2,393	2,222	2,081	1,996
Industrial		0	0	0	0	0	0	0
Steam-Electric		39	61	83	68	51	29	3
Irrigation		-7	28	31	34	37	40	41
Mining		0	0	0	0	0	0	0
Livestock		0	0	0	0	0	0	0
Total County Surplus/Shortage		3,201	2,970	2,729	2,495	2,310	2,150	2,040
Total Basin Demand								
Nueces								
Municipal		3,114	3,402	3,668	3,890	4,061	4,202	4,287
Industrial		0	0	0	0	0	0	0
Steam-Electric		129	107	85	100	117	139	165
Irrigation		117,098	82,017	79,098	76,302	73,627	71,065	68,592
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Total Basin Supply								
Nueces								
Municipal		6,283	6,283	6,283	6,283	6,283	6,283	6,283
Industrial		0	0	0	0	0	0	0
Steam-Electric		168	168	168	168	168	168	168
Irrigation		117,091	82,045	79,129	76,336	73,664	71,105	68,633
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Total Nueces Basin Supply		124,890	89,814	86,893	84,098	81,424	78,863	76,389
Total Basin Surplus/Shortage								
Nueces								
Municipal		3,169	2,881	2,615	2,393	2,222	2,081	1,996
Industrial		0	0	0	0	0	0	0
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Irrigation		-7	28	31	34	37	40	41
Mining		0	0	0	0	0	0	0
Livestock		0	0	0	0	0	0	0
Total Nueces Basin Surplus/Shortage		3,201	2,970	2,729	2,495	2,310	2,150	2,040
Groundwater Supplies								
Available								
Nueces	Carrizo	130,765	130,765	130,765	130,765	130,765	130,765	130,765
Nueces	Sparta	1,260	1,260	1,260	1,260	1,260	1,260	1,260
Nueces	Queen City	8,000	8,000	8,000	8,000	8,000	8,000	8,000
Total Available		140,025	140,025	140,025	140,025	140,025	140,025	140,025
Allocated								
Nueces	Carrizo	115,839	83,079	80,350	77,739	75,242	72,849	70,540
Nueces	Sparta	1,054	738	712	687	663	640	617
Nueces	Queen City	6,675	4,675	4,509	4,349	4,197	4,051	3,910
Total Allocated		123,568	88,492	85,571	82,775	80,101	77,540	75,067
Total Unallocated		16,457	51,533	54,454	57,250	59,924	62,485	64,958