

DRAFT

**Table 4-1
Bell County
Population, Water Supply, and Water Demand Projections**

Population Projection		Year						
		2000	2010	2020	2030	2040	2050	2060
		237,974	279,313	315,766	351,336	381,839	408,408	432,418

Supply and Demand by Type of Use		Year						
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
		Municipal	Municipal Demand	41,225	51,939	61,227	67,231	72,003
	Municipal Existing Supply							
	Groundwater	3,247	3,244	3,243	3,241	3,240	3,239	3,238
	Surface water	97,073	96,984	96,865	96,745	96,609	96,474	96,344
	Total Existing Municipal Supply	100,320	100,228	100,108	99,986	99,849	99,713	99,582
	Municipal Balance	59,095	48,289	38,881	32,755	27,846	23,407	19,028
Industrial	Manufacturing Demand	800	980	1,085	1,180	1,273	1,355	1,463
	Manufacturing Existing Supply							
	Groundwater	17	17	17	17	17	17	17
	Surface water	0	0	0	0	0	0	0
	Total Manufacturing Supply	17	17	17	17	17	17	17
	Manufacturing Balance	(783)	(963)	(1,068)	(1,163)	(1,256)	(1,338)	(1,446)
	Steam-Electric Demand	0	0	3,674	4,296	5,053	5,977	7,102
	Steam-Electric Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	8,762	8,762	8,762	8,762	8,762	8,762	8,762
	Total Steam-Electric Supply	8,762	8,762	8,762	8,762	8,762	8,762	8,762
	Steam-Electric Balance	8,762	8,762	5,088	4,466	3,709	2,785	1,660
	Mining Demand	174	155	150	147	144	141	139
	Mining Existing Supply							
	Groundwater	174	155	150	147	144	141	139
	Surface water	2	2	2	2	2	2	2
	Total Mining Supply	176	157	152	149	146	143	141
	Mining Balance	2	2	2	2	2	2	2
Agriculture	Irrigation Demand	1,679	1,656	1,634	1,611	1,591	1,569	1,546
	Irrigation Existing Supply							
	Groundwater	215	212	209	206	204	201	198
	Surface water	5,730	5,743	5,755	5,768	5,780	5,793	5,805
	Total Irrigation Supply	5,945	5,955	5,964	5,974	5,984	5,994	6,003
	Irrigation Balance	4,266	4,299	4,330	4,363	4,393	4,425	4,457
	Livestock Demand	953	953	953	953	953	953	953
	Livestock Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	953	953	953	953	953	953	953
	Total Livestock Supply	953	953	953	953	953	953	953
	Livestock Balance	0	0	0	0	0	0	0
Total	Municipal & Industrial Demand	42,199	53,074	66,136	72,854	78,473	83,779	89,258
	Existing Municipal & Industrial Supply							
	Groundwater	3,438	3,416	3,410	3,405	3,401	3,397	3,394
	Surface water	105,837	105,748	105,630	105,510	105,374	105,239	105,108
	Total Municipal & Industrial Supply	109,275	109,164	109,040	108,915	108,775	108,636	108,502
	Municipal & Industrial Balance	67,076	56,090	42,904	36,061	30,302	24,857	19,244
	Agriculture Demand	2,632	2,609	2,587	2,564	2,544	2,522	2,499
	Existing Agricultural Supply							
	Groundwater	215	212	209	206	204	201	198
	Surface water	6,683	6,696	6,708	6,721	6,733	6,746	6,758
	Total Agriculture Supply	6,898	6,908	6,917	6,927	6,937	6,947	6,956
	Agriculture Balance	4,266	4,299	4,330	4,363	4,393	4,425	4,457
	Total Demand	44,831	55,683	68,723	75,418	81,017	86,301	91,757
	Total Supply							
	Groundwater	3,653	3,628	3,619	3,611	3,605	3,598	3,592
	Surface water	112,520	112,444	112,338	112,230	112,107	111,984	111,866
	Total Supply	116,173	116,072	115,957	115,841	115,712	115,582	115,458
	Total Balance	71,342	60,389	47,234	40,423	34,695	29,281	23,701

DRAFT

**Table 4-2
Bosque County
Population, Water Supply, and Water Demand Projections**

Population Projection		Year						
		2000	2010	2020	2030	2040	2050	2060
		17,204	19,831	22,646	24,622	25,364	25,667	26,032
Supply and Demand by Type of Use		Year						
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
		Municipal	Municipal Demand	2,539	2,829	3,138	3,342	3,382
	Municipal Existing Supply							
	Groundwater	1,460	1,460	1,460	1,460	1,460	1,460	1,460
	Surface water	1,191	1,186	1,181	1,176	1,171	1,166	1,161
	Total Existing Municipal Supply	2,651	2,646	2,641	2,636	2,631	2,626	2,621
	Municipal Balance	112	(183)	(497)	(706)	(751)	(763)	(816)
Industrial	Manufacturing Demand	794	1,005	1,151	1,285	1,417	1,531	1,664
	Manufacturing Existing Supply							
	Groundwater	363	363	363	363	363	363	363
	Surface water	1	1	1	1	1	1	1
	Total Manufacturing Supply	364	364	364	364	364	364	364
	Manufacturing Balance	(430)	(641)	(787)	(921)	(1,053)	(1,167)	(1,300)
	Steam-Electric Demand	521	4,323	6,188	7,235	8,510	10,065	11,961
	Steam-Electric Existing Supply							
	Groundwater	238	238	238	238	238	238	238
	Surface water	3,500	3,500	3,500	3,500	3,500	3,500	3,500
	Total Steam-Electric Supply	3,738	3,738	3,738	3,738	3,738	3,738	3,738
	Steam-Electric Balance	3,217	(585)	(2,450)	(3,497)	(4,772)	(6,327)	(8,223)
	Mining Demand	276	210	197	189	182	176	172
	Mining Existing Supply							
	Groundwater	276	210	197	189	182	176	172
	Surface water	0	0	0	0	0	0	0
	Total Mining Supply	276	210	197	189	182	176	172
	Mining Balance	0	0	0	0	0	0	0
Agriculture	Irrigation Demand	2,543	2,504	2,466	2,427	2,388	2,352	2,316
	Irrigation Existing Supply							
	Groundwater	468	461	454	447	439	433	426
	Surface water	6,966	6,966	6,966	6,966	6,966	6,966	6,966
	Total Irrigation Supply	7,434	7,427	7,420	7,413	7,405	7,399	7,392
	Irrigation Balance	4,891	4,923	4,954	4,986	5,017	5,047	5,076
	Livestock Demand	1,048	1,048	1,048	1,048	1,048	1,048	1,048
	Livestock Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	1,048	1,048	1,048	1,048	1,048	1,048	1,048
	Total Livestock Supply	1,048	1,048	1,048	1,048	1,048	1,048	1,048
	Livestock Balance	0	0	0	0	0	0	0
Total	Municipal & Industrial Demand	4,130	8,367	10,674	12,051	13,491	15,161	17,234
	Existing Municipal & Industrial Supply							
	Groundwater	2,337	2,271	2,258	2,250	2,243	2,237	2,233
	Surface water	4,693	4,688	4,683	4,678	4,673	4,668	4,663
	Total Municipal & Industrial Supply	7,030	6,959	6,941	6,928	6,916	6,905	6,896
	Municipal & Industrial Balance	2,900	(1,408)	(3,733)	(5,123)	(6,575)	(8,256)	(10,338)
	Agriculture Demand	3,591	3,552	3,514	3,475	3,436	3,400	3,364
	Existing Agricultural Supply							
	Groundwater	468	461	454	447	439	433	426
	Surface water	8,014	8,014	8,014	8,014	8,014	8,014	8,014
	Total Agriculture Supply	8,482	8,475	8,468	8,461	8,453	8,447	8,440
	Agriculture Balance	4,891	4,923	4,954	4,986	5,017	5,047	5,076
	Total Demand	7,721	11,919	14,188	15,526	16,927	18,561	20,598
	Total Supply							
	Groundwater	2,805	2,732	2,712	2,697	2,682	2,670	2,659
	Surface water	12,707	12,702	12,697	12,692	12,687	12,682	12,677
	Total Supply	15,512	15,434	15,409	15,389	15,369	15,352	15,336
	Total Balance	7,791	3,515	1,221	(137)	(1,558)	(3,209)	(5,262)

DRAFT

**Table 4-3
Brazos County
Population, Water Supply, and Water Demand Projections**

Population Projection		Year						
		2000	2010	2020	2030	2040	2050	2060
		152,415	178,187	205,099	229,850	248,962	271,608	279,182
Supply and Demand by Type of Use		Year						
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
		Municipal	Municipal Demand	30,317	34,992	39,587	43,776	46,937
	Municipal Existing Supply							
	Groundwater	46,431	46,431	46,431	46,431	46,431	46,431	46,431
	Surface water	0	0	0	0	0	0	0
	Total Existing Municipal Supply	46,431	46,431	46,431	46,431	46,431	46,431	46,431
	Municipal Balance	16,114	11,439	6,844	2,655	(506)	(4,545)	(5,986)
Industrial	Manufacturing Demand	244	316	365	413	462	506	549
	Manufacturing Existing Supply							
	Groundwater	317	317	317	317	317	317	317
	Surface water	0	0	0	0	0	0	0
	Total Manufacturing Supply	317	317	317	317	317	317	317
	Manufacturing Balance	73	1	(48)	(96)	(145)	(189)	(232)
	Steam-Electric Demand	545	453	361	422	497	588	698
	Steam-Electric Existing Supply							
	Groundwater	613	613	613	613	613	613	613
	Surface water	85	85	85	85	85	85	85
	Total Steam-Electric Supply	698	698	698	698	698	698	698
	Steam-Electric Balance	153	245	337	276	201	110	0
	Mining Demand	25	27	28	29	30	31	31
	Mining Existing Supply							
	Groundwater	25	27	28	29	30	31	31
	Surface water	0	0	0	0	0	0	0
	Total Mining Supply	25	27	28	29	30	31	31
	Mining Balance	0	0	0	0	0	0	0
Agriculture	Irrigation Demand	6,918	6,584	6,267	5,964	5,676	5,403	5,142
	Irrigation Existing Supply							
	Groundwater	2,179	2,074	1,974	1,879	1,788	1,702	1,620
	Surface water	51,738	51,738	51,738	51,738	51,738	51,738	51,738
	Total Irrigation Supply	53,917	53,812	53,712	53,617	53,526	53,440	53,358
	Irrigation Balance	46,999	47,228	47,445	47,653	47,850	48,037	48,216
	Livestock Demand	1,032	1,032	1,032	1,032	1,032	1,032	1,032
	Livestock Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	1,032	1,032	1,032	1,032	1,032	1,032	1,032
	Total Livestock Supply	1,032	1,032	1,032	1,032	1,032	1,032	1,032
	Livestock Balance	0	0	0	0	0	0	0
Total	Municipal & Industrial Demand	31,131	35,788	40,341	44,640	47,926	52,101	53,695
	Existing Municipal & Industrial Supply							
	Groundwater	47,386	47,388	47,389	47,390	47,391	47,392	47,392
	Surface water	85	85	85	85	85	85	85
	Total Municipal & Industrial Supply	47,471	47,473	47,474	47,475	47,476	47,477	47,477
	Municipal & Industrial Balance	16,340	11,685	7,133	2,835	(450)	(4,624)	(6,218)
	Agriculture Demand	7,950	7,616	7,299	6,996	6,708	6,435	6,174
	Existing Agricultural Supply							
	Groundwater	2,179	2,074	1,974	1,879	1,788	1,702	1,620
	Surface water	52,770	52,770	52,770	52,770	52,770	52,770	52,770
	Total Agriculture Supply	54,949	54,844	54,744	54,649	54,558	54,472	54,390
	Agriculture Balance	46,999	47,228	47,445	47,653	47,850	48,037	48,216
	Total Demand	39,081	43,404	47,640	51,636	54,634	58,536	59,869
	Total Supply							
	Groundwater	49,565	49,462	49,363	49,269	49,179	49,094	49,012
	Surface water	52,855	52,855	52,855	52,855	52,855	52,855	52,855
	Total Supply	102,420	102,317	102,218	102,124	102,034	101,949	101,867
	Total Balance	63,339	58,913	54,578	50,488	47,400	43,413	41,998

DRAFT

**Table 4-4
Burleson County
Population, Water Supply, and Water Demand Projections**

Population Projection		Year						
		2000	2010	2020	2030	2040	2050	2060
		16,470	18,477	20,663	22,249	23,465	24,358	25,146
Supply and Demand by Type of Use		Year						
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
		Municipal	Municipal Demand	2,320	2,656	2,863	3,003	3,095
	Municipal Existing Supply							
	Groundwater	4,875	4,875	4,875	4,875	4,875	4,875	4,875
	Surface water	0	0	0	0	0	0	0
	Total Existing Municipal Supply	4,875	4,875	4,875	4,875	4,875	4,875	4,875
	Municipal Balance	2,555	2,219	2,012	1,872	1,780	1,700	1,605
Industrial	Manufacturing Demand	150	196	233	270	307	340	370
	Manufacturing Existing Supply							
	Groundwater	195	195	195	195	195	195	195
	Surface water	77	77	77	77	77	77	77
	Total Manufacturing Supply	272	272	272	272	272	272	272
	Manufacturing Balance	122	76	39	2	(35)	(68)	(98)
	Steam-Electric Demand	0	0	0	0	0	0	0
	Steam-Electric Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	0	0	0	0	0	0	0
	Total Steam-Electric Supply	0	0	0	0	0	0	0
	Steam-Electric Balance	0	0	0	0	0	0	0
	Mining Demand	29	25	24	24	24	24	24
	Mining Existing Supply							
	Groundwater	29	25	24	24	24	24	24
	Surface water	0	0	0	0	0	0	0
	Total Mining Supply	29	25	24	24	24	24	24
	Mining Balance	0	0	0	0	0	0	0
Agriculture	Irrigation Demand	18,239	17,480	16,749	16,052	15,431	14,741	14,082
	Irrigation Existing Supply							
	Groundwater	8,955	8,583	8,224	7,882	7,577	7,238	6,914
	Surface water	4,177	4,177	4,177	4,177	4,177	4,177	4,177
	Total Irrigation Supply	13,132	12,760	12,401	12,059	11,754	11,415	11,091
	Irrigation Balance	(5,107)	(4,720)	(4,348)	(3,993)	(3,677)	(3,326)	(2,991)
	Livestock Demand	1,422	1,422	1,422	1,422	1,422	1,422	1,422
	Livestock Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	1,422	1,422	1,422	1,422	1,422	1,422	1,422
	Total Livestock Supply	1,422	1,422	1,422	1,422	1,422	1,422	1,422
	Livestock Balance	0	0	0	0	0	0	0
Total	Municipal & Industrial Demand	2,499	2,877	3,120	3,297	3,426	3,539	3,664
	Existing Municipal & Industrial Supply							
	Groundwater	5,099	5,095	5,094	5,094	5,094	5,094	5,094
	Surface water	77	77	77	77	77	77	77
	Total Municipal & Industrial Supply	5,176	5,172	5,171	5,171	5,171	5,171	5,171
	Municipal & Industrial Balance	2,677	2,295	2,051	1,874	1,745	1,632	1,507
	Agriculture Demand	19,661	18,902	18,171	17,474	16,853	16,163	15,504
	Existing Agricultural Supply							
	Groundwater	8,955	8,583	8,224	7,882	7,577	7,238	6,914
	Surface water	5,599	5,599	5,599	5,599	5,599	5,599	5,599
	Total Agriculture Supply	14,554	14,182	13,823	13,481	13,176	12,837	12,513
	Agriculture Balance	(5,107)	(4,720)	(4,348)	(3,993)	(3,677)	(3,326)	(2,991)
	Total Demand	22,160	21,779	21,291	20,771	20,279	19,702	19,168
	Total Supply							
	Groundwater	14,054	13,678	13,318	12,976	12,671	12,332	12,008
	Surface water	5,676	5,676	5,676	5,676	5,676	5,676	5,676
	Total Supply	19,730	19,354	18,994	18,652	18,347	18,008	17,684
	Total Balance	(2,430)	(2,425)	(2,297)	(2,119)	(1,932)	(1,694)	(1,484)

DRAFT

**Table 4-5
Callahan County
Population, Water Supply, and Water Demand Projections**

Population Projection		Year						
		2000	2010	2020	2030	2040	2050	2060
		12,905	12,829	12,980	12,750	12,492	12,206	11,968
Supply and Demand by Type of Use		Year						
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
		Municipal	Municipal Demand	1,500	1,447	1,419	1,353	1,298
Municipal Existing Supply								
Groundwater	1,092		1,092	1,092	1,092	1,092	1,092	1,092
Surface water	1,176		1,176	1,176	1,176	1,176	1,176	1,176
Total Existing Municipal Supply	2,268		2,268	2,268	2,268	2,268	2,268	2,268
Municipal Balance	768		821	849	915	970	1,021	1,042
Industrial	Manufacturing Demand	0	0	0	0	0	0	0
	Manufacturing Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	0	0	0	0	0	0	0
	Total Manufacturing Supply	0	0	0	0	0	0	0
	Manufacturing Balance	0	0	0	0	0	0	0
	Steam-Electric Demand	0	0	0	0	0	0	0
	Steam-Electric Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	0	0	0	0	0	0	0
	Total Steam-Electric Supply	0	0	0	0	0	0	0
	Steam-Electric Balance	0	0	0	0	0	0	0
Mining Demand	81	92	96	98	100	101	103	
Mining Existing Supply								
Groundwater	81	92	96	98	100	101	103	
Surface water	0	0	0	0	0	0	0	
Total Mining Supply	81	92	96	98	100	101	103	
Mining Balance	0	0	0	0	0	0	0	
Agriculture	Irrigation Demand	819	806	793	780	767	755	742
	Irrigation Existing Supply							
	Groundwater	800	787	774	762	749	737	725
	Surface water	44	44	43	43	43	42	42
	Total Irrigation Supply	844	831	817	805	792	779	767
	Irrigation Balance	25	25	24	25	25	24	25
	Livestock Demand	976	976	976	976	976	976	976
	Livestock Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	976	976	976	976	976	976	976
Total Livestock Supply	976	976	976	976	976	976	976	
Livestock Balance	0	0	0	0	0	0	0	
Total	Municipal & Industrial Demand	1,581	1,539	1,515	1,451	1,398	1,348	1,329
	Existing Municipal & Industrial Supply							
	Groundwater	1,173	1,184	1,188	1,190	1,192	1,193	1,195
	Surface water	1,176	1,176	1,176	1,176	1,176	1,176	1,176
	Total Municipal & Industrial Supply	2,349	2,360	2,364	2,366	2,368	2,369	2,371
	Municipal & Industrial Balance	768	821	849	915	970	1,021	1,042
	Agriculture Demand	1,795	1,782	1,769	1,756	1,743	1,731	1,718
	Existing Agricultural Supply							
	Groundwater	800	787	774	762	749	737	725
	Surface water	1,020	1,020	1,019	1,019	1,019	1,018	1,018
	Total Agriculture Supply	1,820	1,807	1,793	1,781	1,768	1,755	1,743
	Agriculture Balance	25	25	24	25	25	24	25
	Total Demand	3,376	3,321	3,284	3,207	3,141	3,079	3,047
	Total Supply							
	Groundwater	1,973	1,971	1,962	1,952	1,941	1,930	1,920
	Surface water	2,196	2,195	2,195	2,195	2,194	2,194	2,194
Total Supply	4,169	4,166	4,157	4,147	4,135	4,124	4,114	
Total Balance	793	845	873	940	994	1,045	1,067	

DRAFT

**Table 4-6
Comanche County
Population, Water Supply, and Water Demand Projections**

Population Projection		Year						
		2000	2010	2020	2030	2040	2050	2060
		14,026	14,273	14,721	14,860	14,816	14,503	14,045
Supply and Demand by Type of Use		Year						
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
Municipal	Municipal Demand	1,770	1,830	1,832	1,798	1,745	1,683	1,630
	Municipal Existing Supply							
	Groundwater	1,095	1,095	1,095	1,095	1,095	1,095	1,095
	Surface water	1,038	1,114	1,112	1,096	1,070	1,043	1,016
	Total Existing Municipal Supply	2,133	2,209	2,207	2,191	2,165	2,138	2,111
	Municipal Balance	363	379	375	393	420	455	481
Industrial	Manufacturing Demand	26	31	34	37	39	41	44
	Manufacturing Existing Supply							
	Groundwater	44	44	44	44	44	44	44
	Surface water	0	0	0	0	0	0	0
	Total Manufacturing Supply	44	44	44	44	44	44	44
	Manufacturing Balance	18	13	10	7	5	3	0
	Steam-Electric Demand	0	0	0	0	0	0	0
	Steam-Electric Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	0	0	0	0	0	0	0
	Total Steam-Electric Supply	0	0	0	0	0	0	0
	Steam-Electric Balance	0	0	0	0	0	0	0
	Mining Demand	80	54	51	50	49	48	47
	Mining Existing Supply							
	Groundwater	80	54	51	50	49	48	47
Surface water	0	0	0	0	0	0	0	
Total Mining Supply	80	54	51	50	49	48	47	
Mining Balance	0	0	0	0	0	0	0	
Agriculture	Irrigation Demand	35,969	35,598	35,230	34,867	34,507	34,151	33,798
	Irrigation Existing Supply							
	Groundwater	19,783	19,579	19,377	19,177	18,979	18,783	18,589
	Surface water	20,582	20,582	20,582	20,582	20,582	20,582	20,582
	Total Irrigation Supply	40,365	40,161	39,959	39,759	39,561	39,365	39,171
	Irrigation Balance	4,396	4,563	4,729	4,892	5,054	5,214	5,373
	Livestock Demand	4,253	4,253	4,253	4,253	4,253	4,253	4,253
	Livestock Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	4,253	4,253	4,253	4,253	4,253	4,253	4,253
	Total Livestock Supply	4,253	4,253	4,253	4,253	4,253	4,253	4,253
	Livestock Balance	0	0	0	0	0	0	0
Total	Municipal & Industrial Demand	1,876	1,915	1,917	1,885	1,833	1,772	1,721
	Existing Municipal & Industrial Supply							
	Groundwater	1,219	1,193	1,190	1,189	1,188	1,187	1,186
	Surface water	1,038	1,114	1,112	1,096	1,070	1,043	1,016
	Total Municipal & Industrial Supply	2,257	2,307	2,302	2,285	2,258	2,230	2,202
	Municipal & Industrial Balance	381	392	385	400	425	458	481
	Agriculture Demand	40,222	39,851	39,483	39,120	38,760	38,404	38,051
	Existing Agricultural Supply							
	Groundwater	19,783	19,579	19,377	19,177	18,979	18,783	18,589
	Surface water	24,835	24,835	24,835	24,835	24,835	24,835	24,835
	Total Agriculture Supply	44,618	44,414	44,212	44,012	43,814	43,618	43,424
	Agriculture Balance	4,396	4,563	4,729	4,892	5,054	5,214	5,373
	Total Demand	42,098	41,766	41,400	41,005	40,593	40,176	39,772
	Total Supply							
	Groundwater	21,002	20,772	20,567	20,366	20,167	19,970	19,775
	Surface water	25,873	25,949	25,947	25,931	25,905	25,878	25,851
	Total Supply	46,875	46,721	46,514	46,297	46,072	45,848	45,626
	Total Balance	4,777	4,955	5,114	5,292	5,479	5,672	5,854

DRAFT

**Table 4-7
Coryell County
Population, Water Supply, and Water Demand Projections**

Population Projection		Year						
		2000	2010	2020	2030	2040	2050	2060
		74,978	87,707	102,414	116,741	126,878	135,749	142,886
Supply and Demand by Type of Use		Year						
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
		Municipal	Municipal Demand	12,963	15,372	17,511	19,554	20,959
	Municipal Existing Supply							
	Groundwater	363	363	363	363	363	363	363
	Surface water	21,488	21,437	21,385	21,340	21,299	21,264	21,230
	Total Existing Municipal Supply	21,851	21,800	21,748	21,703	21,662	21,627	21,593
	Municipal Balance	8,888	6,428	4,237	2,149	703	(596)	(1,776)
Industrial	Manufacturing Demand	7	9	10	11	12	13	14
	Manufacturing Existing Supply							
	Groundwater	14	14	14	14	14	14	14
	Surface water	0	0	0	0	0	0	0
	Total Manufacturing Supply	14	14	14	14	14	14	14
	Manufacturing Balance	7	5	4	3	2	1	0
	Steam-Electric Demand	0	0	0	0	0	0	0
	Steam-Electric Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	0	0	0	0	0	0	0
	Total Steam-Electric Supply	0	0	0	0	0	0	0
	Steam-Electric Balance	0	0	0	0	0	0	0
	Mining Demand	100	108	111	113	115	117	118
	Mining Existing Supply							
	Groundwater	100	108	111	113	115	117	118
	Surface water	0	0	0	0	0	0	0
	Total Mining Supply	100	108	111	113	115	117	118
	Mining Balance	0	0	0	0	0	0	0
Agriculture	Irrigation Demand	0	0	0	0	0	0	0
	Irrigation Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	1,739	1,739	1,739	1,739	1,739	1,739	1,739
	Total Irrigation Supply	1,739	1,739	1,739	1,739	1,739	1,739	1,739
	Irrigation Balance	1,739	1,739	1,739	1,739	1,739	1,739	1,739
	Livestock Demand	1,339	1,339	1,339	1,339	1,339	1,339	1,339
	Livestock Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	1,339	1,339	1,339	1,339	1,339	1,339	1,339
	Total Livestock Supply	1,339	1,339	1,339	1,339	1,339	1,339	1,339
	Livestock Balance	0	0	0	0	0	0	0
Total	Municipal & Industrial Demand	13,070	15,489	17,632	19,678	21,086	22,353	23,501
	Existing Municipal & Industrial Supply							
	Groundwater	477	485	488	490	492	494	495
	Surface water	21,488	21,437	21,385	21,340	21,299	21,264	21,230
	Total Municipal & Industrial Supply	21,965	21,922	21,873	21,830	21,791	21,758	21,725
	Municipal & Industrial Balance	8,895	6,433	4,241	2,152	705	(595)	(1,776)
	Agriculture Demand	1,339	1,339	1,339	1,339	1,339	1,339	1,339
	Existing Agricultural Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	3,078	3,078	3,078	3,078	3,078	3,078	3,078
	Total Agriculture Supply	3,078	3,078	3,078	3,078	3,078	3,078	3,078
	Agriculture Balance	1,739	1,739	1,739	1,739	1,739	1,739	1,739
	Total Demand	14,409	16,828	18,971	21,017	22,425	23,692	24,840
	Total Supply							
	Groundwater	477	485	488	490	492	494	495
	Surface water	24,566	24,515	24,463	24,418	24,377	24,342	24,308
	Total Supply	25,043	25,000	24,951	24,908	24,869	24,836	24,803
	Total Balance	10,634	8,172	5,980	3,891	2,444	1,144	(37)

DRAFT

**Table 4-8
Eastland County
Population, Water Supply, and Water Demand Projections**

Population Projection		Year						
		2000	2010	2020	2030	2040	2050	2060
		18,297	18,336	18,382	18,061	17,566	16,989	16,226
Supply and Demand by Type of Use		Year						
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
		Municipal	Municipal Demand	3,003	2,939	2,885	2,773	2,639
Municipal Existing Supply								
Groundwater	128		128	128	128	127	127	127
Surface water	4,211		4,205	4,202	4,195	4,188	4,181	4,176
Total Existing Municipal Supply	4,339		4,333	4,330	4,323	4,315	4,308	4,303
Municipal Balance	1,336		1,394	1,445	1,550	1,676	1,795	1,903
Industrial	Manufacturing Demand	36	43	47	50	53	55	59
	Manufacturing Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	460	460	460	460	460	460	460
	Total Manufacturing Supply	460	460	460	460	460	460	460
	Manufacturing Balance	424	417	413	410	407	405	401
	Steam-Electric Demand	0	0	0	0	0	0	0
	Steam-Electric Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	0	0	0	0	0	0	0
	Total Steam-Electric Supply	0	0	0	0	0	0	0
	Steam-Electric Balance	0	0	0	0	0	0	0
	Mining Demand	79	95	102	105	108	111	115
	Mining Existing Supply							
	Groundwater	27	32	34	35	36	37	39
Surface water	745	745	745	745	745	745	745	
Total Mining Supply	772	777	779	780	781	782	784	
Mining Balance	693	682	677	675	673	671	669	
Agriculture	Irrigation Demand	16,274	16,302	16,327	16,352	16,370	16,377	16,385
	Irrigation Existing Supply							
	Groundwater	4,698	4,693	4,691	4,690	4,689	4,688	4,687
	Surface water	2,436	2,437	2,438	2,439	2,439	2,440	2,441
	Total Irrigation Supply	7,134	7,130	7,129	7,129	7,128	7,128	7,128
	Irrigation Balance	(9,140)	(9,172)	(9,198)	(9,224)	(9,242)	(9,249)	(9,257)
	Livestock Demand	1,121	1,121	1,121	1,121	1,121	1,121	1,121
	Livestock Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	1,121	1,121	1,121	1,121	1,121	1,121	1,121
Total Livestock Supply	1,121	1,121	1,121	1,121	1,121	1,121	1,121	
Livestock Balance	0	0	0	0	0	0	0	
Total	Municipal & Industrial Demand	3,118	3,077	3,034	2,928	2,800	2,679	2,574
	Existing Municipal & Industrial Supply							
	Groundwater	155	160	162	163	163	164	166
	Surface water	5,416	5,410	5,407	5,400	5,393	5,386	5,381
	Total Municipal & Industrial Supply	5,571	5,570	5,569	5,563	5,556	5,550	5,547
	Municipal & Industrial Balance	2,453	2,493	2,535	2,635	2,756	2,871	2,973
	Agriculture Demand	17,395	17,423	17,448	17,473	17,491	17,498	17,506
	Existing Agricultural Supply							
	Groundwater	4,698	4,693	4,691	4,690	4,689	4,688	4,687
	Surface water	3,557	3,558	3,559	3,560	3,560	3,561	3,562
	Total Agriculture Supply	8,255	8,251	8,250	8,250	8,249	8,249	8,249
	Agriculture Balance	(9,140)	(9,172)	(9,198)	(9,224)	(9,242)	(9,249)	(9,257)
	Total Demand	20,513	20,500	20,482	20,401	20,291	20,177	20,080
	Total Supply							
	Groundwater	4,853	4,853	4,853	4,853	4,852	4,852	4,853
	Surface water	8,973	8,967	8,965	8,959	8,953	8,947	8,943
	Total Supply	13,826	13,820	13,818	13,812	13,805	13,799	13,796
Total Balance	(6,687)	(6,680)	(6,664)	(6,589)	(6,486)	(6,378)	(6,284)	

DRAFT

**Table 4-9
Erath County
Population, Water Supply, and Water Demand Projections**

Population Projection		Year						
		2000	2010	2020	2030	2040	2050	2060
		33,001	36,666	40,609	44,160	47,734	57,200	63,155
Supply and Demand by Type of Use		Year						
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
		Municipal	Municipal Demand	4,619	4,907	5,252	5,554	5,845
	Municipal Existing Supply							
	Groundwater	7,200	7,200	7,200	7,200	7,200	7,200	7,200
	Surface water	454	2,347	2,378	2,406	2,438	2,544	2,615
	Total Existing Municipal Supply	7,654	9,547	9,578	9,606	9,638	9,744	9,815
	Municipal Balance	3,035	4,640	4,326	4,052	3,793	2,874	2,268
Industrial	Manufacturing Demand	57	73	82	90	98	105	114
	Manufacturing Existing Supply							
	Groundwater	74	74	74	74	74	74	74
	Surface water	0	0	0	0	0	0	0
	Total Manufacturing Supply	74	74	74	74	74	74	74
	Manufacturing Balance	17	1	(8)	(16)	(24)	(31)	(40)
	Steam-Electric Demand	0	0	0	0	0	0	0
	Steam-Electric Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	0	0	0	0	0	0	0
	Total Steam-Electric Supply	0	0	0	0	0	0	0
	Steam-Electric Balance	0	0	0	0	0	0	0
	Mining Demand	0	0	0	0	0	0	0
	Mining Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	0	0	0	0	0	0	0
	Total Mining Supply	0	0	0	0	0	0	0
	Mining Balance	0	0	0	0	0	0	0
Agriculture	Irrigation Demand	10,816	10,658	10,502	10,349	10,197	10,048	9,901
	Irrigation Existing Supply							
	Groundwater	7,658	7,546	7,435	7,327	7,219	7,114	7,010
	Surface water	5,344	5,344	5,344	5,344	5,344	5,344	5,344
	Total Irrigation Supply	13,002	12,890	12,779	12,671	12,563	12,458	12,354
	Irrigation Balance	2,186	2,232	2,277	2,322	2,366	2,410	2,453
	Livestock Demand	9,321	9,321	9,321	9,321	9,321	9,321	9,321
	Livestock Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	9,321	9,321	9,321	9,321	9,321	9,321	9,321
	Total Livestock Supply	9,321	9,321	9,321	9,321	9,321	9,321	9,321
	Livestock Balance	0	0	0	0	0	0	0
Total	Municipal & Industrial Demand	4,676	4,980	5,334	5,644	5,943	6,975	7,661
	Existing Municipal & Industrial Supply							
	Groundwater	7,274	7,274	7,274	7,274	7,274	7,274	7,274
	Surface water	454	2,347	2,378	2,406	2,438	2,544	2,615
	Total Municipal & Industrial Supply	7,728	9,621	9,652	9,680	9,712	9,818	9,889
	Municipal & Industrial Balance	3,052	4,641	4,318	4,036	3,769	2,843	2,228
	Agriculture Demand	20,137	19,979	19,823	19,670	19,518	19,369	19,222
	Existing Agricultural Supply							
	Groundwater	7,658	7,546	7,435	7,327	7,219	7,114	7,010
	Surface water	14,665	14,665	14,665	14,665	14,665	14,665	14,665
	Total Agriculture Supply	22,323	22,211	22,100	21,992	21,884	21,779	21,675
	Agriculture Balance	2,186	2,232	2,277	2,322	2,366	2,410	2,453
	Total Demand	24,813	24,959	25,157	25,314	25,461	26,344	26,883
	Total Supply							
	Groundwater	14,932	14,820	14,709	14,601	14,493	14,388	14,284
	Surface water	15,119	17,012	17,043	17,071	17,103	17,209	17,280
	Total Supply	30,051	31,832	31,752	31,672	31,596	31,597	31,564
	Total Balance	5,238	6,873	6,595	6,358	6,135	5,253	4,681

DRAFT

**Table 4-10
Falls County
Population, Water Supply, and Water Demand Projections**

Population Projection		Year						
		2000	2010	2020	2030	2040	2050	2060
		18,576	19,600	20,884	22,196	23,350	24,267	25,346
Supply and Demand by Type of Use		Year						
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
		Municipal	Municipal Demand	3,895	3,993	4,132	4,271	4,388
	Municipal Existing Supply							
	Groundwater	564	564	564	564	564	564	564
	Surface water	6,748	6,734	6,721	6,707	6,694	6,679	6,666
	Total Existing Municipal Supply	7,312	7,298	7,285	7,271	7,258	7,243	7,230
	Municipal Balance	3,417	3,305	3,153	3,000	2,870	2,747	2,567
Industrial	Manufacturing Demand	2	2	2	2	2	2	2
	Manufacturing Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	1,506	1,493	1,480	1,467	1,454	1,442	1,429
	Total Manufacturing Supply	1,506	1,493	1,480	1,467	1,454	1,442	1,429
	Manufacturing Balance	1,504	1,491	1,478	1,465	1,452	1,440	1,427
	Steam-Electric Demand	0	0	0	0	0	0	0
	Steam-Electric Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	0	0	0	0	0	0	0
	Total Steam-Electric Supply	0	0	0	0	0	0	0
	Steam-Electric Balance	0	0	0	0	0	0	0
	Mining Demand	133	101	95	91	88	85	83
	Mining Existing Supply							
	Groundwater	133	101	95	91	88	85	83
	Surface water	0	0	0	0	0	0	0
	Total Mining Supply	133	101	95	91	88	85	83
	Mining Balance	0	0	0	0	0	0	0
Agriculture	Irrigation Demand	1,928	1,866	1,806	1,748	1,691	1,637	1,584
	Irrigation Existing Supply							
	Groundwater	1,166	1,129	1,093	1,058	1,023	990	958
	Surface water	5,064	5,070	5,076	5,083	5,089	5,095	5,101
	Total Irrigation Supply	6,230	6,199	6,169	6,141	6,112	6,085	6,059
	Irrigation Balance	4,302	4,333	4,363	4,393	4,421	4,448	4,475
	Livestock Demand	1,626	1,626	1,626	1,626	1,626	1,626	1,626
	Livestock Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	1,626	1,626	1,626	1,626	1,626	1,626	1,626
	Total Livestock Supply	1,626	1,626	1,626	1,626	1,626	1,626	1,626
	Livestock Balance	0	0	0	0	0	0	0
Total	Municipal & Industrial Demand	4,030	4,096	4,229	4,364	4,478	4,583	4,748
	Existing Municipal & Industrial Supply							
	Groundwater	697	665	659	655	652	649	647
	Surface water	8,254	8,228	8,201	8,175	8,148	8,121	8,094
	Total Municipal & Industrial Supply	8,951	8,893	8,860	8,830	8,800	8,770	8,741
	Municipal & Industrial Balance	4,921	4,797	4,631	4,466	4,322	4,187	3,993
	Agriculture Demand	3,554	3,492	3,432	3,374	3,317	3,263	3,210
	Existing Agricultural Supply							
	Groundwater	1,166	1,129	1,093	1,058	1,023	990	958
	Surface water	6,690	6,696	6,702	6,709	6,715	6,721	6,727
	Total Agriculture Supply	7,856	7,825	7,795	7,767	7,738	7,711	7,685
	Agriculture Balance	4,302	4,333	4,363	4,393	4,421	4,448	4,475
	Total Demand	7,584	7,588	7,661	7,738	7,795	7,846	7,958
	Total Supply							
	Groundwater	1,863	1,794	1,752	1,713	1,675	1,639	1,605
	Surface water	14,944	14,924	14,903	14,883	14,863	14,842	14,821
	Total Supply	16,807	16,718	16,655	16,596	16,538	16,481	16,426
	Total Balance	9,223	9,130	8,994	8,858	8,743	8,635	8,468

DRAFT

**Table 4-11
Fisher County
Population, Water Supply, and Water Demand Projections**

Population Projection		Year						
		2000	2010	2020	2030	2040	2050	2060
		4,344	4,264	4,259	4,097	3,972	3,910	3,717

Supply and Demand by Type of Use		Year						
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
Municipal	Municipal Demand	689	656	641	592	550	530	489
	Municipal Existing Supply							
	Groundwater	249	249	249	249	249	249	249
	Surface water	682	667	658	634	614	603	581
	Total Existing Municipal Supply	931	916	907	883	863	852	830
	Municipal Balance	242	260	266	291	313	322	341
Industrial	Manufacturing Demand	158	192	225	255	284	310	336
	Manufacturing Existing Supply							
	Groundwater	100	100	100	100	100	100	100
	Surface water	0	0	0	0	0	0	0
	Total Manufacturing Supply	100	100	100	100	100	100	100
	Manufacturing Balance	(58)	(92)	(125)	(155)	(184)	(210)	(236)
	Steam-Electric Demand	0	0	0	0	0	0	0
	Steam-Electric Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	0	0	0	0	0	0	0
	Total Steam-Electric Supply	0	0	0	0	0	0	0
	Steam-Electric Balance	0	0	0	0	0	0	0
Mining	Mining Demand	468	375	359	354	349	344	337
	Mining Existing Supply							
	Groundwater	468	375	359	354	349	344	337
	Surface water	0	0	0	0	0	0	0
	Total Mining Supply	468	375	359	354	349	344	337
	Mining Balance	0	0	0	0	0	0	0
Agriculture	Irrigation Demand	2,459	2,386	2,314	2,245	2,178	2,113	2,049
	Irrigation Existing Supply							
	Groundwater	2,252	2,186	2,120	2,056	1,995	1,936	1,877
	Surface water	746	746	745	745	745	744	744
	Total Irrigation Supply	2,998	2,932	2,865	2,801	2,740	2,680	2,621
	Irrigation Balance	539	546	551	556	562	567	572
	Livestock Demand	585	585	585	585	585	585	585
	Livestock Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	585	585	585	585	585	585	585
Total Livestock Supply	585	585	585	585	585	585	585	
Livestock Balance	0	0	0	0	0	0	0	
Total	Municipal & Industrial Demand	1,315	1,223	1,225	1,201	1,183	1,184	1,162
	Existing Municipal & Industrial Supply							
	Groundwater	817	724	708	703	698	693	686
	Surface water	682	667	658	634	614	603	581
	Total Municipal & Industrial Supply	1,499	1,391	1,366	1,337	1,312	1,296	1,267
	Municipal & Industrial Balance	184	168	141	136	129	112	105
	Agriculture Demand	3,044	2,971	2,899	2,830	2,763	2,698	2,634
	Existing Agricultural Supply							
	Groundwater	2,252	2,186	2,120	2,056	1,995	1,936	1,877
	Surface water	1,331	1,331	1,330	1,330	1,330	1,329	1,329
	Total Agriculture Supply	3,583	3,517	3,450	3,386	3,325	3,265	3,206
	Agriculture Balance	539	546	551	556	562	567	572
	Total Demand	4,359	4,194	4,124	4,031	3,946	3,882	3,796
	Total Supply							
Groundwater	3,069	2,910	2,828	2,759	2,693	2,629	2,563	
Surface water	2,013	1,997	1,988	1,964	1,943	1,932	1,910	
Total Supply	5,082	4,907	4,816	4,723	4,636	4,561	4,473	
Total Balance	723	713	692	692	690	679	677	

DRAFT

**Table 4-12
Grimes County
Population, Water Supply, and Water Demand Projections**

Population Projection		Year							
		2000	2010	2020	2030	2040	2050	2060	
		23,552	26,635	30,073	32,785	34,670	36,176	37,657	
Supply and Demand by Type of Use		Year							
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)	
		Municipal	Municipal Demand	2,923	3,320	3,629	3,855	3,983	4,129
Municipal Existing Supply									
Groundwater	4,676		4,676	4,676	4,676	4,676	4,676	4,676	
Surface water	0		0	0	0	0	0	0	
Total Existing Municipal Supply	4,676		4,676	4,676	4,676	4,676	4,676	4,676	
Municipal Balance	1,753		1,356	1,047	821	693	547	374	
Industrial	Manufacturing Demand	197	257	297	336	375	410	445	
	Manufacturing Existing Supply								
	Groundwater	256	256	256	256	256	256	256	
	Surface water	0	0	0	0	0	0	0	
	Total Manufacturing Supply	256	256	256	256	256	256	256	
	Manufacturing Balance	59	(1)	(41)	(80)	(119)	(154)	(189)	
	Steam-Electric Demand	4,405	9,302	11,768	13,758	16,184	19,141	22,746	
	Steam-Electric Existing Supply								
	Groundwater	0	0	0	0	0	0	0	
	Surface water	6,078	16,078	16,078	16,078	16,078	16,078	16,078	
	Total Steam-Electric Supply	6,078	16,078	16,078	16,078	16,078	16,078	16,078	
	Steam-Electric Balance	1,673	6,776	4,310	2,320	(106)	(3,063)	(6,668)	
Mining	Mining Demand	158	166	169	171	173	174	175	
	Mining Existing Supply								
	Groundwater	115	121	122	125	127	127	129	
	Surface water	62	62	62	62	62	62	62	
	Total Mining Supply	177	183	184	187	189	189	191	
	Mining Balance	19	17	15	16	16	15	16	
	Agriculture	Irrigation Demand	241	241	241	241	241	241	241
		Irrigation Existing Supply							
Groundwater		112	112	112	112	112	112	112	
Surface water		1,082	1,082	1,082	1,082	1,082	1,082	1,082	
Total Irrigation Supply		1,194	1,194	1,194	1,194	1,194	1,194	1,194	
Irrigation Balance		953	953	953	953	953	953	953	
Livestock Demand		1,554	1,554	1,554	1,554	1,554	1,554	1,554	
Livestock Existing Supply									
Groundwater		0	0	0	0	0	0	0	
Surface water		1,554	1,554	1,554	1,554	1,554	1,554	1,554	
Total Livestock Supply	1,554	1,554	1,554	1,554	1,554	1,554	1,554		
Livestock Balance	0	0	0	0	0	0	0		
Total	Municipal & Industrial Demand	7,683	13,045	15,863	18,120	20,715	23,854	27,668	
	Existing Municipal & Industrial Supply								
	Groundwater	5,047	5,053	5,054	5,057	5,059	5,059	5,061	
	Surface water	6,140	16,140	16,140	16,140	16,140	16,140	16,140	
	Total Municipal & Industrial Supply	11,187	21,193	21,194	21,197	21,199	21,199	21,201	
	Municipal & Industrial Balance	3,504	8,148	5,331	3,077	484	(2,655)	(6,467)	
	Agriculture Demand	1,795	1,795	1,795	1,795	1,795	1,795	1,795	
	Existing Agricultural Supply								
	Groundwater	112	112	112	112	112	112	112	
	Surface water	2,636	2,636	2,636	2,636	2,636	2,636	2,636	
	Total Agriculture Supply	2,748	2,748	2,748	2,748	2,748	2,748	2,748	
	Agriculture Balance	953	953	953	953	953	953	953	
	Total Demand	9,478	14,840	17,658	19,915	22,510	25,649	29,463	
	Total Supply								
Groundwater	5,159	5,165	5,166	5,169	5,171	5,171	5,173		
Surface water	8,776	18,776	18,776	18,776	18,776	18,776	18,776		
Total Supply	13,935	23,941	23,942	23,945	23,947	23,947	23,949		
Total Balance	4,457	9,101	6,284	4,030	1,437	(1,702)	(5,514)		

DRAFT

**Table 4-13
Hamilton County
Population, Water Supply, and Water Demand Projections**

Population Projection		Year						
		2000	2010	2020	2030	2040	2050	2060
		8,229	7,790	7,681	7,596	7,624	7,512	7,504

Supply and Demand by Type of Use		Year						
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
Municipal	Municipal Demand	1,360	1,279	1,239	1,199	1,176	1,146	1,145
	Municipal Existing Supply							
	Groundwater	947	947	947	947	947	947	947
	Surface water	1,046	1,046	1,046	1,046	1,046	1,046	1,046
	Total Existing Municipal Supply	1,993	1,993	1,993	1,993	1,993	1,993	1,993
	Municipal Balance	633	714	754	794	817	847	848
Industrial	Manufacturing Demand	3	4	5	6	7	8	9
	Manufacturing Existing Supply							
	Groundwater	9	9	9	9	9	9	9
	Surface water	0	0	0	0	0	0	0
	Total Manufacturing Supply	9	9	9	9	9	9	9
	Manufacturing Balance	6	5	4	3	2	1	0
	Steam-Electric Demand	0	0	0	0	0	0	0
	Steam-Electric Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	0	0	0	0	0	0	0
	Total Steam-Electric Supply	0	0	0	0	0	0	0
	Steam-Electric Balance	0	0	0	0	0	0	0
	Mining Demand	0	0	0	0	0	0	0
	Mining Existing Supply							
	Groundwater	0	0	0	0	0	0	0
Surface water	0	0	0	0	0	0	0	
Total Mining Supply	0	0	0	0	0	0	0	
Mining Balance	0	0	0	0	0	0	0	
Agriculture	Irrigation Demand	483	475	467	464	456	434	413
	Irrigation Existing Supply							
	Groundwater	189	186	183	182	179	170	162
	Surface water	3,437	3,435	3,433	3,432	3,430	3,428	3,426
	Total Irrigation Supply	3,626	3,621	3,616	3,614	3,609	3,598	3,588
	Irrigation Balance	3,143	3,146	3,149	3,150	3,153	3,164	3,175
	Livestock Demand	1,961	1,961	1,961	1,961	1,961	1,961	1,961
	Livestock Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	1,961	1,961	1,961	1,961	1,961	1,961	1,961
Total Livestock Supply	1,961	1,961	1,961	1,961	1,961	1,961	1,961	
Livestock Balance	0	0	0	0	0	0	0	
Total	Municipal & Industrial Demand	1,363	1,283	1,244	1,205	1,183	1,154	1,154
	Existing Municipal & Industrial Supply							
	Groundwater	956	956	956	956	956	956	956
	Surface water	1,046	1,046	1,046	1,046	1,046	1,046	1,046
	Total Municipal & Industrial Supply	2,002	2,002	2,002	2,002	2,002	2,002	2,002
	Municipal & Industrial Balance	639	719	758	797	819	848	848
	Agriculture Demand	2,444	2,436	2,428	2,425	2,417	2,395	2,374
	Existing Agricultural Supply							
	Groundwater	189	186	183	182	179	170	162
	Surface water	5,398	5,396	5,394	5,393	5,391	5,389	5,387
	Total Agriculture Supply	5,587	5,582	5,577	5,575	5,570	5,559	5,549
	Agriculture Balance	3,143	3,146	3,149	3,150	3,153	3,164	3,175
	Total Demand	3,807	3,719	3,672	3,630	3,600	3,549	3,528
	Total Supply							
	Groundwater	1,145	1,142	1,139	1,138	1,135	1,126	1,118
	Surface water	6,444	6,442	6,440	6,438	6,436	6,435	6,433
	Total Supply	7,589	7,584	7,579	7,576	7,571	7,561	7,551
Total Balance	3,782	3,865	3,907	3,946	3,971	4,012	4,023	

DRAFT

**Table 4-14
Haskell County
Population, Water Supply, and Water Demand Projections**

Population Projection		Year						
		2000	2010	2020	2030	2040	2050	2060
		6,093	5,860	5,741	5,580	5,496	5,345	5,089

Supply and Demand by Type of Use		Year						
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
Municipal	Municipal Demand	936	883	844	801	772	741	708
	Municipal Existing Supply							
	Groundwater	129	133	136	140	145	149	153
	Surface water	523	468	413	358	302	247	192
	Total Existing Municipal Supply	652	601	549	498	447	396	345
	Municipal Balance	(284)	(282)	(295)	(303)	(325)	(345)	(363)
Industrial	Manufacturing Demand	0	0	0	0	0	0	0
	Manufacturing Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	0	0	0	0	0	0	0
	Total Manufacturing Supply	0	0	0	0	0	0	0
	Manufacturing Balance	0	0	0	0	0	0	0
	Steam-Electric Demand	507	422	336	393	462	547	650
	Steam-Electric Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	2,200	2,200	2,200	2,200	2,200	2,200	2,200
	Total Steam-Electric Supply	2,200	2,200	2,200	2,200	2,200	2,200	2,200
	Steam-Electric Balance	1,693	1,778	1,864	1,807	1,738	1,653	1,550
	Mining Demand	101	93	91	90	89	88	87
	Mining Existing Supply							
	Groundwater	39	37	38	38	39	40	40
Surface water	0	0	0	0	0	0	0	
Total Mining Supply	39	37	38	38	39	40	40	
Mining Balance	(62)	(56)	(53)	(52)	(50)	(48)	(47)	
Agriculture	Irrigation Demand	50,820	49,309	47,844	46,422	45,040	43,702	42,405
	Irrigation Existing Supply							
	Groundwater	19,684	19,677	19,668	19,659	19,649	19,639	19,628
	Surface water	827	827	827	827	827	827	827
	Total Irrigation Supply	20,511	20,504	20,495	20,486	20,476	20,466	20,455
	Irrigation Balance	(30,309)	(28,805)	(27,349)	(25,936)	(24,564)	(23,236)	(21,950)
	Livestock Demand	492	492	492	492	492	492	492
	Livestock Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	492	492	492	492	492	492	492
Total Livestock Supply	492	492	492	492	492	492	492	
Livestock Balance	0	0	0	0	0	0	0	
Total	Municipal & Industrial Demand	1,544	1,398	1,271	1,284	1,323	1,376	1,445
	Existing Municipal & Industrial Supply							
	Groundwater	168	170	174	178	184	189	193
	Surface water	2,723	2,668	2,613	2,558	2,502	2,447	2,392
	Total Municipal & Industrial Supply	2,891	2,838	2,787	2,736	2,686	2,636	2,585
	Municipal & Industrial Balance	1,347	1,440	1,516	1,452	1,363	1,260	1,140
	Agriculture Demand	51,312	49,801	48,336	46,914	45,532	44,194	42,897
	Existing Agricultural Supply							
	Groundwater	19,684	19,677	19,668	19,659	19,649	19,639	19,628
	Surface water	1,319	1,319	1,319	1,319	1,319	1,319	1,319
	Total Agriculture Supply	21,003	20,996	20,987	20,978	20,968	20,958	20,947
	Agriculture Balance	(30,309)	(28,805)	(27,349)	(25,936)	(24,564)	(23,236)	(21,950)
	Total Demand	52,856	51,199	49,607	48,198	46,855	45,570	44,342
	Total Supply							
	Groundwater	19,852	19,847	19,842	19,837	19,833	19,828	19,821
	Surface water	4,042	3,987	3,932	3,877	3,821	3,766	3,711
	Total Supply	23,894	23,834	23,774	23,714	23,654	23,594	23,532
Total Balance	(28,962)	(27,365)	(25,833)	(24,484)	(23,201)	(21,976)	(20,810)	

DRAFT

**Table 4-15
Hill County
Population, Water Supply, and Water Demand Projections**

Population Projection		Year						
		2000	2010	2020	2030	2040	2050	2060
		32,321	33,416	34,947	36,679	38,407	40,252	42,300
Supply and Demand by Type of Use		Year						
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
Municipal	Municipal Demand	4,790	4,862	5,000	5,164	5,331	5,573	5,892
	Municipal Existing Supply							
	Groundwater	2,033	2,033	2,033	2,033	2,033	2,033	2,033
	Surface water	6,638	6,104	5,570	5,037	4,503	3,971	3,443
	Total Existing Municipal Supply	8,671	8,137	7,603	7,070	6,536	6,004	5,476
	Municipal Balance	3,881	3,275	2,603	1,906	1,205	431	(416)
Industrial	Manufacturing Demand	67	85	97	108	119	129	140
	Manufacturing Existing Supply							
	Groundwater	87	87	87	87	87	87	87
	Surface water	0	0	0	0	0	0	0
	Total Manufacturing Supply	87	87	87	87	87	87	87
	Manufacturing Balance	20	2	(10)	(21)	(32)	(42)	(53)
	Steam-Electric Demand	0	0	0	0	0	0	0
	Steam-Electric Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	0	0	0	0	0	0	0
	Total Steam-Electric Supply	0	0	0	0	0	0	0
	Steam-Electric Balance	0	0	0	0	0	0	0
Mining	Mining Demand	118	100	96	94	92	90	89
	Mining Existing Supply							
	Groundwater	118	100	96	94	92	90	89
	Surface water	0	0	0	0	0	0	0
	Total Mining Supply	118	100	96	94	92	90	89
	Mining Balance	0	0	0	0	0	0	0
Agriculture	Irrigation Demand	43	43	42	42	42	42	41
	Irrigation Existing Supply							
	Groundwater	6	6	6	6	6	6	6
	Surface water	1,040	1,040	1,040	1,040	1,040	1,040	1,040
	Total Irrigation Supply	1,046	1,046	1,046	1,046	1,046	1,046	1,046
	Irrigation Balance	1,003	1,003	1,004	1,004	1,004	1,004	1,005
	Livestock Demand	1,401	1,401	1,401	1,401	1,401	1,401	1,401
	Livestock Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	1,401	1,401	1,401	1,401	1,401	1,401	1,401
Total Livestock Supply	1,401	1,401	1,401	1,401	1,401	1,401	1,401	
Livestock Balance	0	0	0	0	0	0	0	
Total	Municipal & Industrial Demand	4,975	5,047	5,193	5,366	5,542	5,792	6,121
	Existing Municipal & Industrial Supply							
	Groundwater	2,238	2,220	2,216	2,214	2,212	2,210	2,209
	Surface water	6,638	6,104	5,570	5,037	4,503	3,971	3,443
	Total Municipal & Industrial Supply	8,876	8,324	7,786	7,251	6,715	6,181	5,652
	Municipal & Industrial Balance	3,901	3,277	2,593	1,885	1,173	389	(469)
	Agriculture Demand	1,444	1,444	1,443	1,443	1,443	1,443	1,442
	Existing Agricultural Supply							
	Groundwater	6	6	6	6	6	6	6
	Surface water	2,441	2,441	2,441	2,441	2,441	2,441	2,441
	Total Agriculture Supply	2,447	2,447	2,447	2,447	2,447	2,447	2,447
	Agriculture Balance	1,003	1,003	1,004	1,004	1,004	1,004	1,005
	Total Demand	6,419	6,491	6,636	6,809	6,985	7,235	7,563
	Total Supply							
	Groundwater	2,244	2,226	2,222	2,220	2,218	2,216	2,215
	Surface water	9,079	8,545	8,011	7,478	6,944	6,412	5,884
Total Supply	11,323	10,771	10,233	9,698	9,162	8,628	8,099	
Total Balance	4,904	4,280	3,597	2,889	2,177	1,393	536	

DRAFT

**Table 4-16
Hood County
Population, Water Supply, and Water Demand Projections**

Population Projection		Year						
		2000	2010	2020	2030	2040	2050	2060
		41,100	49,207	58,364	66,888	75,814	87,059	100,045
Supply and Demand by Type of Use		Year						
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
Municipal	Municipal Demand	7,794	9,135	10,666	12,077	13,616	15,557	17,897
	Municipal Existing Supply							
	Groundwater	5,486	5,495	5,500	5,504	5,509	5,513	5,519
	Surface water	17,760	17,760	17,760	17,760	17,760	17,760	17,760
	Total Existing Municipal Supply	23,246	23,255	23,260	23,264	23,269	23,273	23,279
	Municipal Balance	15,452	14,120	12,594	11,187	9,653	7,716	5,382
Industrial	Manufacturing Demand	20	25	28	30	32	34	37
	Manufacturing Existing Supply							
	Groundwater	22	22	22	22	22	22	22
	Surface water	0	0	0	0	0	0	0
	Total Manufacturing Supply	22	22	22	22	22	22	22
	Manufacturing Balance	2	(3)	(6)	(8)	(10)	(12)	(15)
	Steam-Electric Demand	2,573	6,594	8,098	9,467	11,137	13,172	15,653
	Steam-Electric Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	43,447	43,447	43,447	43,447	43,447	43,447	43,447
	Total Steam-Electric Supply	43,447	43,447	43,447	43,447	43,447	43,447	43,447
	Steam-Electric Balance	40,874	36,853	35,349	33,980	32,310	30,275	27,794
Mining Demand	167	162	161	160	159	158	157	
Mining Existing Supply								
Groundwater	141	137	136	135	134	134	133	
Surface water	0	0	0	0	0	0	0	
Total Mining Supply	141	137	136	135	134	134	133	
Mining Balance	(26)	(25)	(25)	(25)	(25)	(24)	(24)	
Agriculture	Irrigation Demand	3,240	3,179	3,120	3,062	3,005	2,948	2,893
	Irrigation Existing Supply							
	Groundwater	251	246	242	238	234	229	225
	Surface water	13,043	13,085	13,127	13,170	13,212	13,254	13,296
	Total Irrigation Supply	13,294	13,331	13,369	13,408	13,446	13,483	13,521
	Irrigation Balance	10,054	10,152	10,249	10,346	10,441	10,535	10,628
	Livestock Demand	623	623	623	623	623	623	623
	Livestock Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	623	623	623	623	623	623	623
Total Livestock Supply	623	623	623	623	623	623	623	
Livestock Balance	0	0	0	0	0	0	0	
Total	Municipal & Industrial Demand	10,554	15,916	18,953	21,734	24,944	28,921	33,744
	Existing Municipal & Industrial Supply							
	Groundwater	5,649	5,654	5,658	5,661	5,665	5,669	5,674
	Surface water	61,207	61,207	61,207	61,207	61,207	61,207	61,207
	Total Municipal & Industrial Supply	66,856	66,861	66,865	66,868	66,872	66,876	66,881
	Municipal & Industrial Balance	56,302	50,945	47,912	45,134	41,928	37,955	33,137
	Agriculture Demand	3,863	3,802	3,743	3,685	3,628	3,571	3,516
	Existing Agricultural Supply							
	Groundwater	251	246	242	238	234	229	225
	Surface water	13,666	13,708	13,750	13,793	13,835	13,877	13,919
	Total Agriculture Supply	13,917	13,954	13,992	14,031	14,069	14,106	14,144
	Agriculture Balance	10,054	10,152	10,249	10,346	10,441	10,535	10,628
	Total Demand	14,417	19,718	22,696	25,419	28,572	32,492	37,260
	Total Supply							
	Groundwater	5,900	5,900	5,900	5,899	5,899	5,898	5,899
	Surface water	74,873	74,915	74,957	74,999	75,041	75,083	75,126
	Total Supply	80,773	80,815	80,857	80,898	80,940	80,981	81,025
	Total Balance	66,356	61,097	58,161	55,479	52,368	48,489	43,765

DRAFT

**Table 4-17
Johnson County
Population, Water Supply, and Water Demand Projections**

Population Projection		Year						
		2000	2010	2020	2030	2040	2050	2060
		126,811	151,468	180,509	211,020	244,349	285,700	336,431
Supply and Demand by Type of Use		Year						
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
		Municipal	Municipal Demand	21,507	26,359	31,014	36,048	41,845
	Municipal Existing Supply							
	Groundwater	2,181	2,179	2,177	2,177	2,177	2,175	2,174
	Surface water	27,318	26,746	26,163	25,574	24,986	24,398	23,812
	Total Existing Municipal Supply	29,499	28,925	28,340	27,751	27,163	26,573	25,986
	Municipal Balance	7,992	2,566	(2,674)	(8,297)	(14,682)	(22,719)	(32,069)
Industrial	Manufacturing Demand	1,533	2,121	2,517	2,903	3,295	3,646	3,994
	Manufacturing Existing Supply							
	Groundwater	362	359	358	357	356	355	355
	Surface water	0	0	0	0	0	0	0
	Total Manufacturing Supply	362	359	358	357	356	355	355
	Manufacturing Balance	(1,171)	(1,762)	(2,159)	(2,546)	(2,939)	(3,291)	(3,639)
	Steam-Electric Demand	0	1,200	1,200	1,200	1,200	1,200	1,200
	Steam-Electric Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	0	0	0	0	0	0	0
	Total Steam-Electric Supply	0	0	0	0	0	0	0
	Steam-Electric Balance	0	(1,200)	(1,200)	(1,200)	(1,200)	(1,200)	(1,200)
	Mining Demand	324	370	390	403	415	427	436
	Mining Existing Supply							
	Groundwater	46	51	54	56	57	58	59
	Surface water	62	62	62	62	62	62	62
	Total Mining Supply	108	113	116	118	119	120	121
	Mining Balance	(216)	(257)	(274)	(285)	(296)	(307)	(315)
Agriculture	Irrigation Demand	164	240	240	240	240	240	240
	Irrigation Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	811	811	811	811	811	811	811
	Total Irrigation Supply	811	811	811	811	811	811	811
	Irrigation Balance	647	571	571	571	571	571	571
	Livestock Demand	2,117	2,117	2,117	2,117	2,117	2,117	2,117
	Livestock Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	2,117	2,117	2,117	2,117	2,117	2,117	2,117
	Total Livestock Supply	2,117	2,117	2,117	2,117	2,117	2,117	2,117
	Livestock Balance	0	0	0	0	0	0	0
Total	Municipal & Industrial Demand	23,364	30,050	35,121	40,554	46,755	54,565	63,685
	Existing Municipal & Industrial Supply							
	Groundwater	2,589	2,589	2,589	2,590	2,590	2,588	2,588
	Surface water	27,380	26,808	26,225	25,636	25,048	24,460	23,874
	Total Municipal & Industrial Supply	29,969	29,397	28,814	28,226	27,638	27,048	26,462
	Municipal & Industrial Balance	6,605	(653)	(6,307)	(12,328)	(19,117)	(27,517)	(37,223)
	Agriculture Demand	2,281	2,357	2,357	2,357	2,357	2,357	2,357
	Existing Agricultural Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	2,928	2,928	2,928	2,928	2,928	2,928	2,928
	Total Agriculture Supply	2,928	2,928	2,928	2,928	2,928	2,928	2,928
	Agriculture Balance	647	571	571	571	571	571	571
	Total Demand	25,645	32,407	37,478	42,911	49,112	56,922	66,042
	Total Supply							
	Groundwater	2,589	2,589	2,589	2,590	2,590	2,588	2,588
	Surface water	30,308	29,736	29,153	28,564	27,976	27,388	26,802
	Total Supply	32,897	32,325	31,742	31,154	30,566	29,976	29,390
	Total Balance	7,252	(82)	(5,736)	(11,757)	(18,546)	(26,946)	(36,652)

DRAFT

**Table 4-18
Jones County
Population, Water Supply, and Water Demand Projections**

Population Projection		Year						
		2000	2010	2020	2030	2040	2050	2060
		20,785	21,211	21,729	21,695	21,366	20,738	19,933
Supply and Demand by Type of Use		Year						
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
		Municipal	Municipal Demand	3,988	3,136	3,138	3,066	2,954
	Municipal Existing Supply							
	Groundwater	35	35	35	35	35	35	35
	Surface water	8,313	8,218	8,125	8,033	7,941	7,849	7,756
	Total Existing Municipal Supply	8,348	8,253	8,160	8,068	7,976	7,884	7,791
	Municipal Balance	4,360	5,117	5,022	5,002	5,022	5,046	5,065
Industrial	Manufacturing Demand	0	0	0	0	0	0	0
	Manufacturing Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	0	0	0	0	0	0	0
	Total Manufacturing Supply	0	0	0	0	0	0	0
	Manufacturing Balance	0	0	0	0	0	0	0
	Steam-Electric Demand	1,510	1,255	1,001	1,170	1,376	1,628	1,935
	Steam-Electric Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	2,213	2,173	2,133	2,093	2,052	2,012	1,972
	Total Steam-Electric Supply	2,213	2,173	2,133	2,093	2,052	2,012	1,972
	Steam-Electric Balance	703	918	1,132	923	676	384	37
	Mining Demand	290	300	303	304	305	306	307
	Mining Existing Supply							
	Groundwater	290	300	303	304	305	306	307
	Surface water	0	0	0	0	0	0	0
	Total Mining Supply	290	300	303	304	305	306	307
	Mining Balance	0	0	0	0	0	0	0
Agriculture	Irrigation Demand	4,381	4,250	4,124	4,000	3,881	3,765	3,653
	Irrigation Existing Supply							
	Groundwater	4,031	3,910	3,794	3,680	3,571	3,464	3,361
	Surface water	2,366	2,366	2,366	2,366	2,366	2,366	2,366
	Total Irrigation Supply	6,397	6,276	6,160	6,046	5,937	5,830	5,727
	Irrigation Balance	2,016	2,026	2,036	2,046	2,056	2,065	2,074
	Livestock Demand	786	786	786	786	786	786	786
	Livestock Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	786	786	786	786	786	786	786
	Total Livestock Supply	786	786	786	786	786	786	786
	Livestock Balance	0	0	0	0	0	0	0
Total	Municipal & Industrial Demand	5,788	4,691	4,442	4,540	4,635	4,772	4,968
	Existing Municipal & Industrial Supply							
	Groundwater	325	335	338	339	340	341	342
	Surface water	10,526	10,390	10,258	10,126	9,993	9,861	9,728
	Total Municipal & Industrial Supply	10,851	10,725	10,596	10,465	10,333	10,202	10,070
	Municipal & Industrial Balance	5,063	6,034	6,154	5,925	5,698	5,430	5,102
	Agriculture Demand	5,167	5,036	4,910	4,786	4,667	4,551	4,439
	Existing Agricultural Supply							
	Groundwater	4,031	3,910	3,794	3,680	3,571	3,464	3,361
	Surface water	3,152	3,152	3,152	3,152	3,152	3,152	3,152
	Total Agriculture Supply	7,183	7,062	6,946	6,832	6,723	6,616	6,513
	Agriculture Balance	2,016	2,026	2,036	2,046	2,056	2,065	2,074
	Total Demand	10,955	9,727	9,352	9,326	9,302	9,323	9,407
	Total Supply							
	Groundwater	4,356	4,245	4,132	4,019	3,911	3,805	3,703
	Surface water	13,678	13,542	13,410	13,278	13,145	13,013	12,880
	Total Supply	18,034	17,787	17,542	17,297	17,056	16,818	16,583
	Total Balance	7,079	8,060	8,190	7,971	7,754	7,495	7,176

DRAFT

**Table 4-19
Kent County
Population, Water Supply, and Water Demand Projections**

Population Projection		Year						
		2000	2010	2020	2030	2040	2050	2060
		859	840	821	733	602	535	472

Supply and Demand by Type of Use		Year						
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
Municipal	Municipal Demand	161	154	148	131	104	91	80
	Municipal Existing Supply							
	Groundwater	282	282	282	282	282	282	282
	Surface water	0	0	0	0	0	0	0
	Total Existing Municipal Supply	282	282	282	282	282	282	282
	Municipal Balance	121	128	134	151	178	191	202
Industrial	Manufacturing Demand	0	0	0	0	0	0	0
	Manufacturing Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	0	0	0	0	0	0	0
	Total Manufacturing Supply	0	0	0	0	0	0	0
	Manufacturing Balance	0	0	0	0	0	0	0
	Steam-Electric Demand	0	0	0	0	0	0	0
	Steam-Electric Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	0	0	0	0	0	0	0
	Total Steam-Electric Supply	0	0	0	0	0	0	0
	Steam-Electric Balance	0	0	0	0	0	0	0
Mining	Mining Demand	686	464	436	427	418	410	399
	Mining Existing Supply							
	Groundwater	686	464	436	427	418	410	399
	Surface water	0	0	0	0	0	0	0
	Total Mining Supply	686	464	436	427	418	410	399
	Mining Balance	0	0	0	0	0	0	0
Agriculture	Irrigation Demand	532	517	503	488	475	462	449
	Irrigation Existing Supply							
	Groundwater	532	517	503	488	475	462	449
	Surface water	312	311	310	310	309	308	307
	Total Irrigation Supply	844	828	813	798	784	770	756
	Irrigation Balance	312	311	310	310	309	308	307
	Livestock Demand	459	459	459	459	459	459	459
	Livestock Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	459	459	459	459	459	459	459
	Total Livestock Supply	459	459	459	459	459	459	459
	Livestock Balance	0	0	0	0	0	0	0
Total	Municipal & Industrial Demand	847	618	584	558	522	501	479
	Existing Municipal & Industrial Supply							
	Groundwater	968	746	718	709	700	692	681
	Surface water	0	0	0	0	0	0	0
	Total Municipal & Industrial Supply	968	746	718	709	700	692	681
	Municipal & Industrial Balance	121	128	134	151	178	191	202
	Agriculture Demand	991	976	962	947	934	921	908
	Existing Agricultural Supply							
	Groundwater	532	517	503	488	475	462	449
	Surface water	771	770	769	769	768	767	766
	Total Agriculture Supply	1,303	1,287	1,272	1,257	1,243	1,229	1,215
	Agriculture Balance	312	311	310	310	309	308	307
	Total Demand	1,838	1,594	1,546	1,505	1,456	1,422	1,387
	Total Supply							
	Groundwater	1,500	1,263	1,221	1,197	1,175	1,154	1,130
	Surface water	771	770	769	769	768	767	766
	Total Supply	2,271	2,033	1,990	1,966	1,943	1,921	1,896
	Total Balance	433	439	444	461	487	499	509

DRAFT

**Table 4-20
Knox County
Population, Water Supply, and Water Demand Projections**

Population Projection		Year						
		2000	2010	2020	2030	2040	2050	2060
		4,253	4,197	4,305	4,310	4,321	4,316	4,272

Supply and Demand by Type of Use		Year						
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
Municipal	Municipal Demand	734	709	713	700	687	677	669
	Municipal Existing Supply							
	Groundwater	127	130	133	136	139	143	147
	Surface water	366	310	255	200	144	89	34
	Total Existing Municipal Supply	493	440	388	336	283	232	181
	Municipal Balance	(241)	(269)	(325)	(364)	(404)	(445)	(488)
Industrial	Manufacturing Demand	0	0	0	0	0	0	0
	Manufacturing Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	0	0	0	0	0	0	0
	Total Manufacturing Supply	0	0	0	0	0	0	0
	Manufacturing Balance	0	0	0	0	0	0	0
	Steam-Electric Demand	0	0	0	0	0	0	0
	Steam-Electric Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	0	0	0	0	0	0	0
	Total Steam-Electric Supply	0	0	0	0	0	0	0
	Steam-Electric Balance	0	0	0	0	0	0	0
	Mining Demand	26	26	26	26	26	26	26
Mining Existing Supply								
Groundwater	22	23	23	23	23	23	23	
Surface water	0	0	0	0	0	0	0	
Total Mining Supply	22	23	23	23	23	23	23	
Mining Balance	(4)	(3)	(3)	(3)	(3)	(3)	(3)	
Agriculture	Irrigation Demand	43,124	42,065	41,033	40,025	39,041	38,082	37,147
	Irrigation Existing Supply							
	Groundwater	23,778	23,775	23,771	23,768	23,764	23,761	23,757
	Surface water	2,951	2,948	2,944	2,941	2,937	2,934	2,930
	Total Irrigation Supply	26,729	26,723	26,715	26,709	26,701	26,695	26,687
	Irrigation Balance	(16,395)	(15,343)	(14,318)	(13,317)	(12,340)	(11,388)	(10,460)
	Livestock Demand	1,040	1,040	1,040	1,040	1,040	1,040	1,040
	Livestock Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	1,040	1,040	1,040	1,040	1,040	1,040	1,040
Total Livestock Supply	1,040	1,040	1,040	1,040	1,040	1,040	1,040	
Livestock Balance	0	0	0	0	0	0	0	
Total	Municipal & Industrial Demand	760	735	739	726	713	703	695
	Existing Municipal & Industrial Supply							
	Groundwater	149	153	156	159	162	166	170
	Surface water	366	310	255	200	144	89	34
	Total Municipal & Industrial Supply	515	463	411	359	306	255	204
	Municipal & Industrial Balance	(245)	(272)	(328)	(367)	(407)	(448)	(491)
	Agriculture Demand	44,164	43,105	42,073	41,065	40,081	39,122	38,187
	Existing Agricultural Supply							
	Groundwater	23,778	23,775	23,771	23,768	23,764	23,761	23,757
	Surface water	3,991	3,988	3,984	3,981	3,977	3,974	3,970
	Total Agriculture Supply	27,769	27,763	27,755	27,749	27,741	27,735	27,727
	Agriculture Balance	(16,395)	(15,343)	(14,318)	(13,317)	(12,340)	(11,388)	(10,460)
	Total Demand	44,924	43,840	42,812	41,791	40,794	39,825	38,882
	Total Supply							
	Groundwater	23,927	23,928	23,927	23,927	23,926	23,927	23,927
	Surface water	4,357	4,298	4,239	4,180	4,121	4,063	4,004
	Total Supply	28,284	28,226	28,166	28,107	28,047	27,990	27,931
Total Balance	(16,640)	(15,614)	(14,646)	(13,684)	(12,747)	(11,835)	(10,951)	

DRAFT

**Table 4-21
Lampasas County
Population, Water Supply, and Water Demand Projections**

Population Projection		Year						
		2000	2010	2020	2030	2040	2050	2060
		17,762	20,114	22,596	24,396	25,731	26,606	27,160
Supply and Demand by Type of Use		Year						
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
		Municipal	Municipal Demand	3,666	4,465	4,952	5,286	5,514
	Municipal Existing Supply							
	Groundwater	672	679	681	682	683	684	684
	Surface water	3,764	3,803	3,845	3,873	3,894	3,906	3,914
	Total Existing Municipal Supply	4,436	4,482	4,526	4,555	4,577	4,590	4,598
	Municipal Balance	770	17	(426)	(731)	(937)	(1,080)	(1,171)
Industrial	Manufacturing Demand	108	129	142	153	164	174	187
	Manufacturing Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	18	18	18	18	18	18	18
	Total Manufacturing Supply	18	18	18	18	18	18	18
	Manufacturing Balance	(90)	(111)	(124)	(135)	(146)	(156)	(169)
	Steam-Electric Demand	0	0	0	0	0	0	0
	Steam-Electric Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	0	0	0	0	0	0	0
	Total Steam-Electric Supply	0	0	0	0	0	0	0
	Steam-Electric Balance	0	0	0	0	0	0	0
	Mining Demand	193	152	144	139	135	131	128
	Mining Existing Supply							
	Groundwater	158	126	119	115	111	109	105
	Surface water	0	0	0	0	0	0	0
	Total Mining Supply	158	126	119	115	111	109	105
	Mining Balance	(35)	(26)	(25)	(24)	(24)	(22)	(23)
Agriculture	Irrigation Demand	170	168	166	164	162	160	159
	Irrigation Existing Supply							
	Groundwater	136	134	132	131	129	128	127
	Surface water	1,255	1,255	1,255	1,255	1,255	1,255	1,255
	Total Irrigation Supply	1,391	1,389	1,387	1,386	1,384	1,383	1,382
	Irrigation Balance	1,221	1,221	1,221	1,222	1,222	1,223	1,223
	Livestock Demand	688	688	688	688	688	688	688
	Livestock Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	688	688	688	688	688	688	688
	Total Livestock Supply	688	688	688	688	688	688	688
	Livestock Balance	0	0	0	0	0	0	0
Total	Municipal & Industrial Demand	3,967	4,746	5,238	5,578	5,813	5,975	6,084
	Existing Municipal & Industrial Supply							
	Groundwater	830	805	800	797	794	793	789
	Surface water	3,782	3,821	3,863	3,891	3,912	3,924	3,932
	Total Municipal & Industrial Supply	4,612	4,626	4,663	4,688	4,706	4,717	4,721
	Municipal & Industrial Balance	645	(120)	(575)	(890)	(1,107)	(1,258)	(1,363)
	Agriculture Demand	858	856	854	852	850	848	847
	Existing Agricultural Supply							
	Groundwater	136	134	132	131	129	128	127
	Surface water	1,943	1,943	1,943	1,943	1,943	1,943	1,943
	Total Agriculture Supply	2,079	2,077	2,075	2,074	2,072	2,071	2,070
	Agriculture Balance	1,221	1,221	1,221	1,222	1,222	1,223	1,223
	Total Demand	4,825	5,602	6,092	6,430	6,663	6,823	6,931
	Total Supply							
	Groundwater	966	939	932	928	923	921	916
	Surface water	5,725	5,764	5,806	5,834	5,855	5,867	5,875
	Total Supply	6,691	6,703	6,738	6,762	6,778	6,788	6,791
	Total Balance	1,866	1,101	646	332	115	(35)	(140)

DRAFT

**Table 4-22
Lee County
Population, Water Supply, and Water Demand Projections**

Population Projection		Year						
		2000	2010	2020	2030	2040	2050	2060
		15,657	17,789	20,362	22,483	24,194	25,685	26,946

Supply and Demand by Type of Use		Year						
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
Municipal	Municipal Demand	2,650	2,932	3,284	3,572	3,802	4,009	4,207
	Municipal Existing Supply							
	Groundwater	3,434	3,435	3,435	3,435	3,435	3,435	3,436
	Surface water	0	0	0	0	0	0	0
	Total Existing Municipal Supply	3,434	3,435	3,435	3,435	3,435	3,435	3,436
	Municipal Balance	784	503	151	(137)	(367)	(574)	(771)
Industrial	Manufacturing Demand	11	13	14	15	16	17	18
	Manufacturing Existing Supply							
	Groundwater	18	18	18	18	18	18	18
	Surface water	0	0	0	0	0	0	0
	Total Manufacturing Supply	18	18	18	18	18	18	18
	Manufacturing Balance	7	5	4	3	2	1	0
	Steam-Electric Demand	0	0	0	0	0	0	0
	Steam-Electric Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	0	0	0	0	0	0	0
	Total Steam-Electric Supply	0	0	0	0	0	0	0
	Steam-Electric Balance	0	0	0	0	0	0	0
	Mining Demand	20,000	5,000	5,000	5,000	5,000	13	13
Mining Existing Supply								
Groundwater	20,000	5,000	5,000	5,000	5,000	13	13	
Surface water	0	0	0	0	0	0	0	
Total Mining Supply	20,000	5,000	5,000	5,000	5,000	13	13	
Mining Balance	0	0	0	0	0	0	0	
Agriculture	Irrigation Demand	965	940	916	891	867	842	818
	Irrigation Existing Supply							
	Groundwater	940	914	891	867	844	820	796
	Surface water	128	128	128	128	128	128	128
	Total Irrigation Supply	1,068	1,042	1,019	995	972	948	924
	Irrigation Balance	103	102	103	104	105	106	106
	Livestock Demand	1,547	1,547	1,547	1,547	1,547	1,547	1,547
	Livestock Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	1,547	1,547	1,547	1,547	1,547	1,547	1,547
	Total Livestock Supply	1,547	1,547	1,547	1,547	1,547	1,547	1,547
Livestock Balance	0	0	0	0	0	0	0	
Total	Municipal & Industrial Demand	22,661	7,945	8,298	8,587	8,818	4,039	4,238
	Existing Municipal & Industrial Supply							
	Groundwater	23,452	8,453	8,453	8,453	8,453	3,466	3,467
	Surface water	0	0	0	0	0	0	0
	Total Municipal & Industrial Supply	23,452	8,453	8,453	8,453	8,453	3,466	3,467
	Municipal & Industrial Balance	791	508	155	(134)	(365)	(573)	(771)
	Agriculture Demand	2,512	2,487	2,463	2,438	2,414	2,389	2,365
	Existing Agricultural Supply							
	Groundwater	940	914	891	867	844	820	796
	Surface water	1,675	1,675	1,675	1,675	1,675	1,675	1,675
	Total Agriculture Supply	2,615	2,589	2,566	2,542	2,519	2,495	2,471
	Agriculture Balance	103	102	103	104	105	106	106
	Total Demand	25,173	10,432	10,761	11,025	11,232	6,428	6,603
	Total Supply							
	Groundwater	24,392	9,367	9,344	9,320	9,297	4,286	4,263
	Surface water	1,675	1,675	1,675	1,675	1,675	1,675	1,675
	Total Supply	26,067	11,042	11,019	10,995	10,972	5,961	5,938
Total Balance	894	610	258	(30)	(260)	(467)	(665)	

DRAFT

**Table 4-23
Limestone County
Population, Water Supply, and Water Demand Projections**

Population Projection		Year						
		2000	2010	2020	2030	2040	2050	2060
		22,051	23,322	24,944	25,828	26,505	27,177	28,050
Supply and Demand by Type of Use		Year						
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
		Municipal	Municipal Demand	3,193	3,293	3,447	3,510	3,544
	Municipal Existing Supply							
	Groundwater	3,556	3,556	3,556	3,556	3,535	3,366	3,197
	Surface water	2,496	2,327	2,158	1,989	1,842	1,842	1,842
	Total Existing Municipal Supply	6,052	5,883	5,714	5,545	5,376	5,207	5,039
	Municipal Balance	2,859	2,590	2,267	2,035	1,832	1,591	1,287
Industrial	Manufacturing Demand	39	48	53	58	63	67	72
	Manufacturing Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	26	22	18	15	11	7	3
	Total Manufacturing Supply	26	22	18	15	11	7	3
	Manufacturing Balance	(13)	(26)	(35)	(44)	(52)	(60)	(69)
	Steam-Electric Demand	22,065	22,332	22,598	26,420	31,079	36,758	43,681
	Steam-Electric Existing Supply							
	Groundwater	9,867	9,867	9,867	9,867	9,867	9,867	9,867
	Surface water	18,000	18,000	18,000	18,000	18,000	18,000	18,000
	Total Steam-Electric Supply	27,867	27,867	27,867	27,867	27,867	27,867	27,867
	Steam-Electric Balance	5,802	5,535	5,269	1,447	(3,212)	(8,891)	(15,814)
	Mining Demand	360	380	387	392	396	400	403
	Mining Existing Supply							
	Groundwater	360	380	387	392	396	400	403
	Surface water	0	0	0	0	0	0	0
	Total Mining Supply	360	380	387	392	396	400	403
	Mining Balance	0	0	0	0	0	0	0
Agriculture	Irrigation Demand	0	0	0	0	0	0	0
	Irrigation Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	19	19	19	19	19	19	19
	Total Irrigation Supply	19	19	19	19	19	19	19
	Irrigation Balance	19	19	19	19	19	19	19
	Livestock Demand	1,487	1,487	1,487	1,487	1,487	1,487	1,487
	Livestock Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	1,487	1,487	1,487	1,487	1,487	1,487	1,487
	Total Livestock Supply	1,487	1,487	1,487	1,487	1,487	1,487	1,487
	Livestock Balance	0	0	0	0	0	0	0
Total	Municipal & Industrial Demand	25,657	26,053	26,485	30,380	35,082	40,841	47,908
	Existing Municipal & Industrial Supply							
	Groundwater	13,783	13,803	13,810	13,815	13,798	13,633	13,467
	Surface water	20,522	20,349	20,176	20,004	19,852	19,848	19,845
	Total Municipal & Industrial Supply	34,305	34,152	33,986	33,819	33,650	33,481	33,312
	Municipal & Industrial Balance	8,648	8,099	7,501	3,439	(1,432)	(7,360)	(14,596)
	Agriculture Demand	1,487	1,487	1,487	1,487	1,487	1,487	1,487
	Existing Agricultural Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	1,506	1,506	1,506	1,506	1,506	1,506	1,506
	Total Agriculture Supply	1,506	1,506	1,506	1,506	1,506	1,506	1,506
	Agriculture Balance	19	19	19	19	19	19	19
	Total Demand	27,144	27,540	27,972	31,867	36,569	42,328	49,395
	Total Supply							
	Groundwater	13,783	13,803	13,810	13,815	13,798	13,633	13,467
	Surface water	22,028	21,855	21,682	21,510	21,358	21,354	21,351
	Total Supply	35,811	35,658	35,492	35,325	35,156	34,987	34,818
	Total Balance	8,667	8,118	7,520	3,458	(1,413)	(7,341)	(14,577)

DRAFT

**Table 4-24
McLennan County
Population, Water Supply, and Water Demand Projections**

Population Projection		Year						
		2000	2010	2020	2030	2040	2050	2060
		213,517	231,882	250,398	266,002	282,177	292,449	307,378
Supply and Demand by Type of Use		Year						
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
		Municipal	Municipal Demand	44,105	47,046	50,004	52,499	55,064
	Municipal Existing Supply							
	Groundwater	1,485	1,485	1,485	1,485	1,485	1,485	1,485
	Surface water	89,039	88,722	88,509	88,285	88,027	87,759	87,554
	Total Existing Municipal Supply	90,524	90,207	89,994	89,770	89,512	89,244	89,039
	Municipal Balance	46,419	43,161	39,990	37,271	34,448	32,517	29,635
Industrial	Manufacturing Demand	2,804	3,526	4,068	4,577	5,096	5,561	6,022
	Manufacturing Existing Supply							
	Groundwater	232	232	232	232	232	232	232
	Surface water	1,997	2,510	2,895	3,256	3,625	3,955	4,282
	Total Manufacturing Supply	2,229	2,742	3,127	3,488	3,857	4,187	4,514
	Manufacturing Balance	(575)	(784)	(941)	(1,089)	(1,239)	(1,374)	(1,508)
	Steam-Electric Demand	24,412	37,098	32,983	35,720	39,056	43,123	48,081
	Steam-Electric Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	14,120	14,111	14,102	14,093	14,083	14,074	14,065
	Total Steam-Electric Supply	14,120	14,111	14,102	14,093	14,083	14,074	14,065
	Steam-Electric Balance	(10,292)	(22,987)	(18,881)	(21,628)	(24,973)	(29,049)	(34,016)
	Mining Demand	481	416	399	389	380	371	366
	Mining Existing Supply							
	Groundwater	481	416	399	389	380	371	366
	Surface water	0	0	0	0	0	0	0
	Total Mining Supply	481	416	399	389	380	371	366
	Mining Balance	0	0	0	0	0	0	0
Agriculture	Irrigation Demand	2,819	2,816	2,814	2,812	2,809	2,806	2,803
	Irrigation Existing Supply							
	Groundwater	1,956	1,954	1,953	1,951	1,949	1,947	1,945
	Surface water	8,374	8,375	8,376	8,377	8,377	8,378	8,379
	Total Irrigation Supply	10,330	10,329	10,329	10,328	10,326	10,325	10,324
	Irrigation Balance	7,511	7,513	7,515	7,516	7,517	7,519	7,521
	Livestock Demand	1,151	1,151	1,151	1,151	1,151	1,151	1,151
	Livestock Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	1,151	1,151	1,151	1,151	1,151	1,151	1,151
	Total Livestock Supply	1,151	1,151	1,151	1,151	1,151	1,151	1,151
	Livestock Balance	0	0	0	0	0	0	0
Total	Municipal & Industrial Demand	71,802	88,086	87,454	93,185	99,596	105,782	113,873
	Existing Municipal & Industrial Supply							
	Groundwater	2,198	2,133	2,116	2,106	2,097	2,088	2,083
	Surface water	105,156	105,342	105,506	105,634	105,736	105,788	105,901
	Total Municipal & Industrial Supply	107,354	107,475	107,622	107,740	107,833	107,876	107,984
	Municipal & Industrial Balance	35,552	19,389	20,168	14,555	8,237	2,094	(5,889)
	Agriculture Demand	3,970	3,967	3,965	3,963	3,960	3,957	3,954
	Existing Agricultural Supply							
	Groundwater	1,956	1,954	1,953	1,951	1,949	1,947	1,945
	Surface water	9,525	9,526	9,527	9,528	9,528	9,529	9,530
	Total Agriculture Supply	11,481	11,480	11,480	11,479	11,477	11,476	11,475
	Agriculture Balance	7,511	7,513	7,515	7,516	7,517	7,519	7,521
	Total Demand	75,772	92,053	91,419	97,148	103,556	109,739	117,827
	Total Supply							
	Groundwater	4,154	4,087	4,069	4,057	4,046	4,035	4,028
	Surface water	114,681	114,868	115,033	115,161	115,264	115,317	115,431
	Total Supply	118,835	118,955	119,102	119,218	119,310	119,352	119,459
	Total Balance	43,063	26,902	27,683	22,070	15,754	9,613	1,632

DRAFT

**Table 4-25
Milam County
Population, Water Supply, and Water Demand Projections**

Population Projection		Year						
		2000	2010	2020	2030	2040	2050	2060
		24,238	25,456	26,820	27,699	28,239	28,376	28,437

Supply and Demand by Type of Use		Year						
		2000	2010	2020	2030	2040	2050	2060
		(acft)	(acft)	(acft)	(acft)	(acft)	(acft)	(acft)
Municipal	Municipal Demand	4,633	4,826	4,968	5,038	5,073	5,062	5,074
	Municipal Existing Supply							
	Groundwater	4,933	4,933	4,933	4,933	4,933	4,933	4,933
	Surface water	3,245	3,245	3,245	3,245	3,245	3,245	3,245
	Total Existing Municipal Supply	8,178	8,178	8,178	8,178	8,178	8,178	8,178
	Municipal Balance	3,545	3,352	3,210	3,140	3,105	3,116	3,104
Industrial	Manufacturing Demand	6,820	6,820	8,250	8,250	8,250	9,800	9,800
	Manufacturing Existing Supply							
	Groundwater	5,346	5,346	5,346	5,346	5,346	5,346	5,346
	Surface water	5,003	4,994	4,985	4,975	4,966	4,957	4,948
	Total Manufacturing Supply	10,349	10,340	10,331	10,321	10,312	10,303	10,294
	Manufacturing Balance	3,529	3,520	2,081	2,071	2,062	503	494
	Steam-Electric Demand	8,680	8,680	12,500	12,500	12,500	16,000	16,000
	Steam-Electric Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	14,000	14,000	14,000	14,000	14,000	14,000	14,000
	Total Steam-Electric Supply	14,000	14,000	14,000	14,000	14,000	14,000	14,000
	Steam-Electric Balance	5,320	5,320	1,500	1,500	1,500	(2,000)	(2,000)
Mining	Mining Demand	30,008	15	15	15	15	15	15
	Mining Existing Supply							
	Groundwater	30,008	15	15	15	15	15	15
	Surface water	0	0	0	0	0	0	0
	Total Mining Supply	30,008	15	15	15	15	15	15
	Mining Balance	0	0	0	0	0	0	0
Agriculture	Irrigation Demand	2,391	2,372	2,352	2,333	2,312	2,294	2,275
	Irrigation Existing Supply							
	Groundwater	493	489	485	481	476	473	469
	Surface water	10,804	10,807	10,810	10,813	10,816	10,819	10,822
	Total Irrigation Supply	11,297	11,296	11,295	11,294	11,292	11,292	11,291
	Irrigation Balance	8,906	8,924	8,943	8,961	8,980	8,998	9,016
	Livestock Demand	1,779	1,779	1,779	1,779	1,779	1,779	1,779
	Livestock Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	1,779	1,779	1,779	1,779	1,779	1,779	1,779
Total Livestock Supply	1,779	1,779	1,779	1,779	1,779	1,779	1,779	
Livestock Balance	0	0	0	0	0	0	0	
Total	Municipal & Industrial Demand	50,141	20,341	25,733	25,803	25,838	30,877	30,889
	Existing Municipal & Industrial Supply							
	Groundwater	40,287	10,294	10,294	10,294	10,294	10,294	10,294
	Surface water	22,248	22,239	22,230	22,220	22,211	22,202	22,193
	Total Municipal & Industrial Supply	62,535	32,533	32,524	32,514	32,505	32,496	32,487
	Municipal & Industrial Balance	12,394	12,192	6,791	6,711	6,667	1,619	1,598
	Agriculture Demand	4,170	4,151	4,131	4,112	4,091	4,073	4,054
	Existing Agricultural Supply							
	Groundwater	493	489	485	481	476	473	469
	Surface water	12,583	12,586	12,589	12,592	12,595	12,598	12,601
	Total Agriculture Supply	13,076	13,075	13,074	13,073	13,071	13,071	13,070
	Agriculture Balance	8,906	8,924	8,943	8,961	8,980	8,998	9,016
	Total Demand	54,311	24,492	29,864	29,915	29,929	34,950	34,943
	Total Supply							
	Groundwater	40,780	10,783	10,779	10,775	10,770	10,767	10,763
	Surface water	34,831	34,825	34,819	34,812	34,806	34,800	34,794
	Total Supply	75,611	45,608	45,598	45,587	45,576	45,567	45,557
	Total Balance	21,300	21,116	15,734	15,672	15,647	10,617	10,614

DRAFT

**Table 4-26
Nolan County
Population, Water Supply, and Water Demand Projections**

Population Projection		Year						
		2000	2010	2020	2030	2040	2050	2060
		15,802	16,550	17,177	17,464	17,412	16,747	15,954

Supply and Demand by Type of Use		Year						
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
		Municipal	Municipal Demand	3,419	3,523	3,581	3,582	3,512
	Municipal Existing Supply							
	Groundwater	1,026	1,029	1,032	1,036	1,039	1,042	1,045
	Surface water	360	358	356	355	353	351	349
	Total Existing Municipal Supply	1,386	1,387	1,388	1,391	1,392	1,393	1,394
	Municipal Balance	(2,033)	(2,136)	(2,193)	(2,191)	(2,120)	(1,966)	(1,806)
Industrial	Manufacturing Demand	643	779	915	1,038	1,159	1,266	1,372
	Manufacturing Existing Supply							
	Groundwater	157	157	157	157	157	157	157
	Surface water	0	0	0	0	0	0	0
	Total Manufacturing Supply	157	157	157	157	157	157	157
	Manufacturing Balance	(486)	(622)	(758)	(881)	(1,002)	(1,109)	(1,215)
	Steam-Electric Demand	1,093	1,315	1,882	2,200	2,588	3,061	3,638
	Steam-Electric Existing Supply							
	Groundwater	771	780	788	796	805	813	821
	Surface water	0	0	0	0	0	0	0
	Total Steam-Electric Supply	771	780	788	796	805	813	821
	Steam-Electric Balance	(322)	(535)	(1,094)	(1,404)	(1,783)	(2,248)	(2,817)
	Mining Demand	277	278	278	278	278	278	278
	Mining Existing Supply							
	Groundwater	148	150	151	153	155	157	158
	Surface water	0	0	0	0	0	0	0
	Total Mining Supply	148	150	151	153	155	157	158
	Mining Balance	(129)	(128)	(127)	(125)	(123)	(121)	(120)
Agriculture	Irrigation Demand	5,276	5,138	5,003	4,871	4,741	4,618	4,497
	Irrigation Existing Supply							
	Groundwater	2,288	2,275	2,261	2,248	2,234	2,222	2,209
	Surface water	120	120	120	120	120	120	120
	Total Irrigation Supply	2,408	2,395	2,381	2,368	2,354	2,342	2,329
	Irrigation Balance	(2,868)	(2,743)	(2,622)	(2,503)	(2,387)	(2,276)	(2,168)
	Livestock Demand	464	464	464	464	464	464	464
	Livestock Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	464	464	464	464	464	464	464
	Total Livestock Supply	464	464	464	464	464	464	464
	Livestock Balance	0	0	0	0	0	0	0
Total	Municipal & Industrial Demand	5,432	5,895	6,656	7,098	7,537	7,964	8,488
	Existing Municipal & Industrial Supply							
	Groundwater	2,102	2,116	2,128	2,142	2,156	2,169	2,181
	Surface water	360	358	356	355	353	351	349
	Total Municipal & Industrial Supply	2,462	2,474	2,484	2,497	2,509	2,520	2,530
	Municipal & Industrial Balance	(2,970)	(3,421)	(4,172)	(4,601)	(5,028)	(5,444)	(5,958)
	Agriculture Demand	5,740	5,602	5,467	5,335	5,205	5,082	4,961
	Existing Agricultural Supply							
	Groundwater	2,288	2,275	2,261	2,248	2,234	2,222	2,209
	Surface water	584	584	584	584	584	584	584
	Total Agriculture Supply	2,872	2,859	2,845	2,832	2,818	2,806	2,793
	Agriculture Balance	(2,868)	(2,743)	(2,622)	(2,503)	(2,387)	(2,276)	(2,168)
	Total Demand	11,172	11,497	12,123	12,433	12,742	13,046	13,449
	Total Supply							
	Groundwater	4,390	4,391	4,389	4,390	4,390	4,391	4,390
	Surface water	944	942	940	939	937	935	933
	Total Supply	5,334	5,333	5,329	5,329	5,327	5,326	5,323
	Total Balance	(5,838)	(6,164)	(6,794)	(7,104)	(7,415)	(7,720)	(8,126)

DRAFT

**Table 4-27
Palo Pinto County
Population, Water Supply, and Water Demand Projections**

Population Projection		Year						
		2000	2010	2020	2030	2040	2050	2060
		27,026	28,895	31,147	33,048	34,897	37,074	39,589

Supply and Demand by Type of Use		Year						
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
		Municipal	Municipal Demand	4,756	4,926	5,187	5,407	5,602
	Municipal Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	8,656	8,882	9,016	9,126	9,191	9,319	9,490
	Total Existing Municipal Supply	8,656	8,882	9,016	9,126	9,191	9,319	9,490
	Municipal Balance	3,900	3,956	3,829	3,719	3,589	3,418	3,202
Industrial	Manufacturing Demand	23	29	33	36	39	42	46
	Manufacturing Existing Supply							
	Groundwater	30	30	30	30	30	30	30
	Surface water	120	120	120	120	120	120	120
	Total Manufacturing Supply	150	150	150	150	150	150	150
	Manufacturing Balance	127	121	117	114	111	108	104
	Steam-Electric Demand	1,378	1,365	1,250	1,461	1,719	2,033	2,416
	Steam-Electric Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	2,024	2,024	2,024	2,024	1,700	1,251	758
	Total Steam-Electric Supply	2,024	2,024	2,024	2,024	1,700	1,251	758
	Steam-Electric Balance	646	659	774	563	(19)	(782)	(1,658)
	Mining Demand	2	2	2	2	2	2	2
	Mining Existing Supply							
	Groundwater	2	2	2	2	2	2	2
	Surface water	6,410	6,410	6,410	6,410	6,410	6,410	6,410
	Total Mining Supply	6,412	6,412	6,412	6,412	6,412	6,412	6,412
	Mining Balance	6,410	6,410	6,410	6,410	6,410	6,410	6,410
Agriculture	Irrigation Demand	947	935	923	911	901	889	877
	Irrigation Existing Supply							
	Groundwater	17	17	17	16	16	16	16
	Surface water	6,935	6,939	6,944	6,948	6,952	6,957	6,961
	Total Irrigation Supply	6,952	6,956	6,961	6,964	6,968	6,973	6,977
	Irrigation Balance	6,005	6,021	6,038	6,053	6,067	6,084	6,100
	Livestock Demand	909	909	909	909	909	909	909
	Livestock Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	909	909	909	909	909	909	909
	Total Livestock Supply	909	909	909	909	909	909	909
	Livestock Balance	0	0	0	0	0	0	0
Total	Municipal & Industrial Demand	6,159	6,322	6,472	6,906	7,362	7,978	8,752
	Existing Municipal & Industrial Supply							
	Groundwater	32	32	32	32	32	32	32
	Surface water	17,210	17,436	17,570	17,680	17,421	17,100	16,778
	Total Municipal & Industrial Supply	17,242	17,468	17,602	17,712	17,453	17,132	16,810
	Municipal & Industrial Balance	11,083	11,146	11,130	10,806	10,091	9,154	8,058
	Agriculture Demand	1,856	1,844	1,832	1,820	1,810	1,798	1,786
	Existing Agricultural Supply							
	Groundwater	17	17	17	16	16	16	16
	Surface water	7,844	7,848	7,853	7,857	7,861	7,866	7,870
	Total Agriculture Supply	7,861	7,865	7,870	7,873	7,877	7,882	7,886
	Agriculture Balance	6,005	6,021	6,038	6,053	6,067	6,084	6,100
	Total Demand	8,015	8,166	8,304	8,726	9,172	9,776	10,538
	Total Supply							
	Groundwater	49	49	49	48	48	48	48
	Surface water	25,054	25,284	25,422	25,537	25,283	24,966	24,648
	Total Supply	25,103	25,333	25,471	25,585	25,331	25,014	24,696
	Total Balance	17,088	17,167	17,167	16,859	16,159	15,238	14,158

DRAFT

**Table 4-28
Robertson County
Population, Water Supply, and Water Demand Projections**

Population Projection		Year						
		2000	2010	2020	2030	2040	2050	2060
		16,000	17,164	18,704	19,674	20,335	20,419	20,353

Supply and Demand by Type of Use		Year						
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
Municipal	Municipal Demand	2,812	2,874	2,979	3,026	3,044	3,021	3,015
	Municipal Existing Supply							
	Groundwater	6,055	6,055	6,055	6,055	6,055	6,055	6,055
	Surface water	0	0	0	0	0	0	0
	Total Existing Municipal Supply	6,055	6,055	6,055	6,055	6,055	6,055	6,055
	Municipal Balance	3,243	3,181	3,076	3,029	3,011	3,034	3,040
Industrial	Manufacturing Demand	65	85	101	117	134	150	163
	Manufacturing Existing Supply							
	Groundwater	86	86	86	86	86	86	86
	Surface water	0	0	0	0	0	0	0
	Total Manufacturing Supply	86	86	86	86	86	86	86
	Manufacturing Balance	21	1	(15)	(31)	(48)	(64)	(77)
	Steam-Electric Demand	15,000	28,000	30,000	30,000	35,000	40,000	40,000
	Steam-Electric Existing Supply							
	Groundwater	4,115	4,115	4,115	4,115	4,115	4,115	4,115
	Surface water	27,750	27,725	27,701	27,676	27,651	27,626	27,601
	Total Steam-Electric Supply	31,865	31,840	31,816	31,791	31,766	31,741	31,716
	Steam-Electric Balance	16,865	3,840	1,816	1,791	(3,234)	(8,259)	(8,284)
Mining	Mining Demand	7,500	10,300	10,300	10,300	78	77	76
	Mining Existing Supply							
	Groundwater	7,500	10,300	10,300	10,300	78	78	76
	Surface water	9	9	9	9	9	9	9
	Total Mining Supply	7,509	10,309	10,309	10,309	87	87	85
	Mining Balance	9	9	9	9	9	10	9
Agriculture	Irrigation Demand	16,572	16,175	16,019	15,561	15,115	14,682	14,261
	Irrigation Existing Supply							
	Groundwater	12,429	12,131	12,014	11,671	11,336	11,012	10,696
	Surface water	4,669	4,669	4,669	4,669	4,669	4,669	4,669
	Total Irrigation Supply	17,098	16,800	16,683	16,340	16,005	15,681	15,365
	Irrigation Balance	526	625	664	779	890	999	1,104
	Livestock Demand	1,508	1,508	1,508	1,508	1,508	1,508	1,508
	Livestock Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	1,508	1,508	1,508	1,508	1,508	1,508	1,508
Total Livestock Supply	1,508	1,508	1,508	1,508	1,508	1,508	1,508	
Livestock Balance	0	0	0	0	0	0	0	
Total	Municipal & Industrial Demand	25,377	41,259	43,380	43,443	38,256	43,248	43,254
	Existing Municipal & Industrial Supply							
	Groundwater	17,756	20,556	20,556	20,556	10,334	10,334	10,332
	Surface water	27,759	27,734	27,710	27,685	27,660	27,635	27,610
	Total Municipal & Industrial Supply	45,515	48,290	48,266	48,241	37,994	37,969	37,942
	Municipal & Industrial Balance	20,138	7,031	4,886	4,798	(262)	(5,279)	(5,312)
	Agriculture Demand	18,080	17,683	17,527	17,069	16,623	16,190	15,769
	Existing Agricultural Supply							
	Groundwater	12,429	12,131	12,014	11,671	11,336	11,012	10,696
	Surface water	6,177	6,177	6,177	6,177	6,177	6,177	6,177
	Total Agriculture Supply	18,606	18,308	18,191	17,848	17,513	17,189	16,873
	Agriculture Balance	526	625	664	779	890	999	1,104
	Total Demand	43,457	58,942	60,907	60,512	54,879	59,438	59,023
	Total Supply							
	Groundwater	30,185	32,687	32,570	32,227	21,670	21,346	21,028
	Surface water	33,936	33,911	33,887	33,862	33,837	33,812	33,787
	Total Supply	64,121	66,598	66,457	66,089	55,507	55,158	54,815
	Total Balance	20,664	7,656	5,550	5,577	628	(4,280)	(4,208)

DRAFT

**Table 4-29
Shackelford County
Population, Water Supply, and Water Demand Projections**

Population Projection		Year						
		2000	2010	2020	2030	2040	2050	2060
		3,302	3,456	3,638	3,603	3,406	2,997	2,516
Supply and Demand by Type of Use		Year						
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
Municipal	Municipal Demand	931	963	997	975	913	798	670
	Municipal Existing Supply							
	Groundwater	2,304	2,304	2,304	2,304	2,304	2,304	2,304
	Surface water	1,373	1,341	1,307	1,329	1,391	1,506	1,634
	Total Existing Municipal Supply	3,677	3,645	3,611	3,633	3,695	3,810	3,939
	Municipal Balance	2,746	2,682	2,614	2,658	2,782	3,012	3,269
Industrial	Manufacturing Demand	0	0	0	0	0	0	0
	Manufacturing Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	50	50	50	50	50	50	50
	Total Manufacturing Supply	50	50	50	50	50	50	50
	Manufacturing Balance	50	50	50	50	50	50	50
	Steam-Electric Demand	0	0	0	0	0	0	0
	Steam-Electric Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	0	0	0	0	0	0	0
	Total Steam-Electric Supply	0	0	0	0	0	0	0
	Steam-Electric Balance	0	0	0	0	0	0	0
Mining	Mining Demand	524	656	724	752	779	806	845
	Mining Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	37	37	37	37	37	37	37
	Total Mining Supply	37	37	37	37	37	37	37
	Mining Balance	(487)	(619)	(687)	(715)	(742)	(769)	(808)
Agriculture	Irrigation Demand	195	189	183	178	173	168	163
	Irrigation Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	77	78	79	80	80	81	82
	Total Irrigation Supply	77	78	79	80	80	81	82
	Irrigation Balance	(118)	(111)	(104)	(99)	(93)	(87)	(81)
	Livestock Demand	760	760	760	760	760	760	760
	Livestock Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	760	760	760	760	760	760	760
Total Livestock Supply	760	760	760	760	760	760	760	
Livestock Balance	0	0	0	0	0	0	0	
Total	Municipal & Industrial Demand	1,455	1,619	1,721	1,727	1,692	1,604	1,515
	Existing Municipal & Industrial Supply							
	Groundwater	2,304	2,304	2,304	2,304	2,304	2,304	2,304
	Surface water	1,460	1,428	1,394	1,416	1,478	1,593	1,721
	Total Municipal & Industrial Supply	3,764	3,732	3,698	3,720	3,782	3,897	4,025
	Municipal & Industrial Balance	2,309	2,113	1,977	1,993	2,090	2,293	2,510
	Agriculture Demand	955	949	943	938	933	928	923
	Existing Agricultural Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	837	838	839	840	840	841	842
	Total Agriculture Supply	837	838	839	840	840	841	842
	Agriculture Balance	(118)	(111)	(104)	(99)	(93)	(87)	(81)
	Total Demand	2,410	2,568	2,664	2,665	2,625	2,532	2,438
	Total Supply							
	Groundwater	2,304	2,304	2,304	2,304	2,304	2,304	2,304
	Surface water	2,297	2,266	2,232	2,255	2,318	2,434	2,563
	Total Supply	4,601	4,570	4,536	4,559	4,622	4,738	4,867
	Total Balance	2,191	2,002	1,872	1,894	1,997	2,206	2,429

DRAFT

**Table 4-30
Somervell County
Population, Water Supply, and Water Demand Projections**

Population Projection		Year						
		2000	2010	2020	2030	2040	2050	2060
		6,809	7,542	8,393	9,094	9,554	9,740	9,804

Supply and Demand by Type of Use		Year						
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
Municipal	Municipal Demand	1,013	1,071	1,145	1,202	1,229	1,238	1,245
	Municipal Existing Supply							
	Groundwater	951	995	1,004	1,009	1,014	1,017	1,022
	Surface water	0	0	0	0	0	0	0
	Total Existing Municipal Supply	951	995	1,004	1,009	1,014	1,017	1,022
	Municipal Balance	(62)	(76)	(141)	(193)	(215)	(221)	(223)
Industrial	Manufacturing Demand	5	6	7	8	9	10	11
	Manufacturing Existing Supply							
	Groundwater	4	4	4	4	4	4	4
	Surface water	0	0	0	0	0	0	0
	Total Manufacturing Supply	4	4	4	4	4	4	4
	Manufacturing Balance	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	Steam-Electric Demand	18,000	23,200	23,200	23,200	23,200	23,200	23,200
	Steam-Electric Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	48,830	48,810	48,790	48,770	48,750	48,730	48,710
	Total Steam-Electric Supply	48,830	48,810	48,790	48,770	48,750	48,730	48,710
	Steam-Electric Balance	30,830	25,610	25,590	25,570	25,550	25,530	25,510
	Mining Demand	393	304	287	278	270	263	257
Mining Existing Supply								
Groundwater	244	198	189	184	179	175	172	
Surface water	0	0	0	0	0	0	0	
Total Mining Supply	244	198	189	184	179	175	172	
Mining Balance	(149)	(106)	(98)	(94)	(91)	(88)	(85)	
Agriculture	Irrigation Demand	475	474	471	468	467	464	461
	Irrigation Existing Supply							
	Groundwater	34	36	36	36	36	36	36
	Surface water	1,375	1,376	1,376	1,377	1,377	1,378	1,378
	Total Irrigation Supply	1,409	1,412	1,412	1,413	1,413	1,414	1,414
	Irrigation Balance	934	938	941	945	946	950	953
	Livestock Demand	166	166	166	166	166	166	166
	Livestock Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	166	166	166	166	166	166	166
Total Livestock Supply	166	166	166	166	166	166	166	
Livestock Balance	0	0	0	0	0	0	0	
Total	Municipal & Industrial Demand	19,411	24,581	24,639	24,688	24,708	24,711	24,713
	Existing Municipal & Industrial Supply							
	Groundwater	1,199	1,197	1,197	1,197	1,197	1,196	1,198
	Surface water	48,830	48,810	48,790	48,770	48,750	48,730	48,710
	Total Municipal & Industrial Supply	50,029	50,007	49,987	49,967	49,947	49,926	49,908
	Municipal & Industrial Balance	30,618	25,426	25,348	25,279	25,239	25,215	25,195
	Agriculture Demand	641	640	637	634	633	630	627
	Existing Agricultural Supply							
	Groundwater	34	36	36	36	36	36	36
	Surface water	1,541	1,542	1,542	1,543	1,543	1,544	1,544
	Total Agriculture Supply	1,575	1,578	1,578	1,579	1,579	1,580	1,580
	Agriculture Balance	934	938	941	945	946	950	953
	Total Demand	20,052	25,221	25,276	25,322	25,341	25,341	25,340
	Total Supply							
	Groundwater	1,233	1,233	1,233	1,233	1,233	1,232	1,234
	Surface water	50,371	50,352	50,332	50,313	50,293	50,274	50,254
	Total Supply	51,604	51,585	51,565	51,546	51,526	51,506	51,488
Total Balance	31,552	26,364	26,289	26,224	26,185	26,165	26,148	

DRAFT

**Table 4-31
Stephens County
Population, Water Supply, and Water Demand Projections**

Population Projection		Year						
		2000	2010	2020	2030	2040	2050	2060
		9,674	9,873	10,030	10,102	10,005	9,624	9,321
Supply and Demand by Type of Use		Year						
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
Municipal	Municipal Demand	1,469	1,778	1,778	1,764	1,720	1,640	1,589
	Municipal Existing Supply							
	Groundwater	28	24	22	22	21	21	20
	Surface water	3,022	3,017	3,012	3,007	3,002	2,997	2,992
	Total Existing Municipal Supply	3,050	3,041	3,034	3,029	3,023	3,018	3,012
	Municipal Balance	1,581	1,263	1,256	1,265	1,303	1,378	1,423
Industrial	Manufacturing Demand	6	7	8	9	10	11	12
	Manufacturing Existing Supply							
	Groundwater	1	1	1	1	1	1	1
	Surface water	61	61	61	61	61	61	61
	Total Manufacturing Supply	62	62	62	62	62	62	62
	Manufacturing Balance	56	55	54	53	52	51	50
	Steam-Electric Demand	0	0	0	0	0	0	0
	Steam-Electric Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	0	0	0	0	0	0	0
	Total Steam-Electric Supply	0	0	0	0	0	0	0
	Steam-Electric Balance	0	0	0	0	0	0	0
Mining	Mining Demand	7,315	8,715	9,328	9,567	9,798	10,024	10,347
	Mining Existing Supply							
	Groundwater	676	681	682	683	683	684	685
	Surface water	0	0	0	0	0	0	0
	Total Mining Supply	676	681	682	683	683	684	685
	Mining Balance	(6,639)	(8,034)	(8,646)	(8,884)	(9,115)	(9,340)	(9,662)
Agriculture	Irrigation Demand	802	791	781	771	760	750	740
	Irrigation Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	847	839	830	822	813	805	796
	Total Irrigation Supply	847	839	830	822	813	805	796
	Irrigation Balance	45	48	49	51	53	55	56
	Livestock Demand	576	576	576	576	576	576	576
	Livestock Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	576	576	576	576	576	576	576
Total Livestock Supply	576	576	576	576	576	576	576	
Livestock Balance	0	0	0	0	0	0	0	
Total	Municipal & Industrial Demand	8,790	10,500	11,114	11,340	11,528	11,675	11,948
	Existing Municipal & Industrial Supply							
	Groundwater	705	706	705	706	705	706	706
	Surface water	3,083	3,078	3,073	3,068	3,063	3,057	3,052
	Total Municipal & Industrial Supply	3,788	3,784	3,778	3,774	3,768	3,763	3,758
	Municipal & Industrial Balance	(5,002)	(6,716)	(7,336)	(7,566)	(7,760)	(7,912)	(8,190)
	Agriculture Demand	1,378	1,367	1,357	1,347	1,336	1,326	1,316
	Existing Agricultural Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	1,423	1,415	1,406	1,398	1,389	1,381	1,372
	Total Agriculture Supply	1,423	1,415	1,406	1,398	1,389	1,381	1,372
	Agriculture Balance	45	48	49	51	53	55	56
	Total Demand	10,168	11,867	12,471	12,687	12,864	13,001	13,264
	Total Supply							
	Groundwater	705	706	705	706	705	706	706
	Surface water	4,506	4,492	4,479	4,465	4,452	4,438	4,424
	Total Supply	5,211	5,198	5,184	5,171	5,157	5,144	5,130
	Total Balance	(4,957)	(6,669)	(7,287)	(7,516)	(7,707)	(7,857)	(8,134)

DRAFT

**Table 4-32
Stonewall County
Population, Water Supply, and Water Demand Projections**

Population Projection		Year						
		2000	2010	2020	2030	2040	2050	2060
		1,693	1,687	1,634	1,555	1,455	1,365	1,279

Supply and Demand by Type of Use		Year						
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
		Municipal	Municipal Demand	299	292	277	258	237
Municipal Existing Supply								
Groundwater	265		269	274	279	284	289	294
Surface water	50		42	33	25	17	8	0
Total Existing Municipal Supply	315		311	307	304	301	297	294
Municipal Balance	16	19	30	46	64	78	89	
Industrial	Manufacturing Demand	0	0	0	0	0	0	0
	Manufacturing Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	0	0	0	0	0	0	0
	Total Manufacturing Supply	0	0	0	0	0	0	0
	Manufacturing Balance	0	0	0	0	0	0	0
	Steam-Electric Demand	0	0	0	0	0	0	0
	Steam-Electric Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	0	0	0	0	0	0	0
	Total Steam-Electric Supply	0	0	0	0	0	0	0
	Steam-Electric Balance	0	0	0	0	0	0	0
	Mining Demand	14	15	15	15	15	15	15
	Mining Existing Supply							
	Groundwater	14	15	15	15	15	15	15
Surface water	0	0	0	0	0	0	0	
Total Mining Supply	14	15	15	15	15	15	15	
Mining Balance	0	0	0	0	0	0	0	
Agriculture	Irrigation Demand	347	336	326	317	307	298	290
	Irrigation Existing Supply							
	Groundwater	344	333	323	314	305	296	288
	Surface water	11	11	11	11	11	11	11
	Total Irrigation Supply	355	344	334	325	316	307	299
	Irrigation Balance	8	8	8	8	9	9	9
	Livestock Demand	469	469	469	469	469	469	469
	Livestock Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	469	469	469	469	469	469	469
	Total Livestock Supply	469	469	469	469	469	469	469
Livestock Balance	0	0	0	0	0	0	0	
Total	Municipal & Industrial Demand	313	307	292	273	252	234	220
	Existing Municipal & Industrial Supply							
	Groundwater	279	284	289	294	299	304	309
	Surface water	50	42	33	25	17	8	0
	Total Municipal & Industrial Supply	329	326	322	319	316	312	309
	Municipal & Industrial Balance	16	19	30	46	64	78	89
	Agriculture Demand	816	805	795	786	776	767	759
	Existing Agricultural Supply							
	Groundwater	344	333	323	314	305	296	288
	Surface water	480	480	480	480	480	480	480
	Total Agriculture Supply	824	813	803	794	785	776	768
	Agriculture Balance	8	8	8	8	9	9	9
	Total Demand	1,129	1,112	1,087	1,059	1,028	1,001	979
	Total Supply							
	Groundwater	623	617	612	608	604	600	597
	Surface water	530	522	513	505	497	488	480
	Total Supply	1,153	1,139	1,125	1,113	1,101	1,088	1,077
Total Balance	24	27	38	54	73	87	98	

DRAFT

**Table 4-33
Taylor County
Population, Water Supply, and Water Demand Projections**

Population Projection		Year						
		2000	2010	2020	2030	2040	2050	2060
		126,551	136,370	142,645	145,634	146,529	143,772	139,309

Supply and Demand by Type of Use		Year						
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
		Municipal	Municipal Demand	39,404	23,731	24,341	24,374	24,037
	Municipal Existing Supply							
	Groundwater	22	22	22	22	22	22	22
	Surface water	25,108	24,648	24,258	23,881	23,508	23,148	22,755
	Total Existing Municipal Supply	25,130	24,670	24,280	23,903	23,530	23,170	22,777
	Municipal Balance	(14,274)	939	(61)	(471)	(507)	(253)	81
Industrial	Manufacturing Demand	789	972	1,081	1,177	1,270	1,349	1,462
	Manufacturing Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	789	972	1,081	1,177	1,270	1,349	1,462
	Total Manufacturing Supply	789	972	1,081	1,177	1,270	1,349	1,462
	Manufacturing Balance	0	0	0	0	0	0	0
	Steam-Electric Demand	31	25	20	24	28	33	39
	Steam-Electric Existing Supply							
	Groundwater	40	40	40	40	40	40	40
	Surface water	0	0	0	0	0	0	0
	Total Steam-Electric Supply	40	40	40	40	40	40	40
	Steam-Electric Balance	9	15	20	16	12	7	1
	Mining Demand	242	285	304	313	322	330	340
	Mining Existing Supply							
	Groundwater	238	280	300	308	318	326	336
	Surface water	0	0	0	0	0	0	0
	Total Mining Supply	238	280	300	308	318	326	336
	Mining Balance	(4)	(5)	(4)	(5)	(4)	(4)	(4)
Agriculture	Irrigation Demand	174	170	166	162	158	154	150
	Irrigation Existing Supply							
	Groundwater	99	97	95	95	93	92	91
	Surface water	234	232	230	229	227	225	223
	Total Irrigation Supply	333	329	325	324	320	317	314
	Irrigation Balance	159	159	159	162	162	163	164
	Livestock Demand	1,305	1,305	1,305	1,305	1,305	1,305	1,305
	Livestock Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	1,305	1,305	1,305	1,305	1,305	1,305	1,305
	Total Livestock Supply	1,305	1,305	1,305	1,305	1,305	1,305	1,305
	Livestock Balance	0	0	0	0	0	0	0
Total	Municipal & Industrial Demand	40,466	25,013	25,746	25,888	25,657	25,135	24,537
	Existing Municipal & Industrial Supply							
	Groundwater	300	342	362	370	380	388	398
	Surface water	25,897	25,620	25,339	25,058	24,778	24,497	24,217
	Total Municipal & Industrial Supply	26,197	25,962	25,701	25,428	25,158	24,885	24,615
	Municipal & Industrial Balance	(14,269)	949	(45)	(460)	(499)	(250)	78
	Agriculture Demand	1,479	1,475	1,471	1,467	1,463	1,459	1,455
	Existing Agricultural Supply							
	Groundwater	99	97	95	95	93	92	91
	Surface water	1,539	1,537	1,535	1,534	1,532	1,530	1,528
	Total Agriculture Supply	1,638	1,634	1,630	1,629	1,625	1,622	1,619
	Agriculture Balance	159	159	159	162	162	163	164
	Total Demand	41,945	26,488	27,217	27,355	27,120	26,594	25,992
	Total Supply							
	Groundwater	399	439	457	465	473	480	489
	Surface water	27,436	27,157	26,875	26,592	26,309	26,026	25,745
	Total Supply	27,835	27,596	27,332	27,057	26,782	26,506	26,234
	Total Balance	(14,110)	1,108	115	(298)	(338)	(88)	242

DRAFT

**Table 4-34
Throckmorton County
Population, Water Supply, and Water Demand Projections**

Population Projection		Year						
		2000	2010	2020	2030	2040	2050	2060
		1,850	1,851	1,793	1,713	1,584	1,483	1,407

Supply and Demand by Type of Use		Year						
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
		Municipal	Municipal Demand	354	348	332	311	283
Municipal Existing Supply								
Groundwater	40		40	40	40	40	40	40
Surface water	414		414	414	414	413	413	413
Total Existing Municipal Supply	454		454	454	454	453	453	453
Municipal Balance	100		106	122	143	170	191	205
Industrial	Manufacturing Demand	0	0	0	0	0	0	0
	Manufacturing Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	0	0	0	0	0	0	0
	Total Manufacturing Supply	0	0	0	0	0	0	0
	Manufacturing Balance	0	0	0	0	0	0	0
	Steam-Electric Demand	0	0	0	0	0	0	0
	Steam-Electric Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	0	0	0	0	0	0	0
	Total Steam-Electric Supply	0	0	0	0	0	0	0
	Steam-Electric Balance	0	0	0	0	0	0	0
Mining	Mining Demand	40	49	53	55	57	59	61
	Mining Existing Supply							
	Groundwater	40	49	53	55	57	59	61
	Surface water	0	0	0	0	0	0	0
	Total Mining Supply	40	49	53	55	57	59	61
	Mining Balance	0	0	0	0	0	0	0
Agriculture	Irrigation Demand	0	0	0	0	0	0	0
	Irrigation Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	12	12	12	12	12	12	12
	Total Irrigation Supply	12	12	12	12	12	12	12
	Irrigation Balance	12	12	12	12	12	12	12
	Livestock Demand	752	752	752	752	752	752	752
	Livestock Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	752	752	752	752	752	752	752
Total Livestock Supply	752	752	752	752	752	752	752	
Livestock Balance	0	0	0	0	0	0	0	
Total	Municipal & Industrial Demand	394	397	385	366	340	321	309
	Existing Municipal & Industrial Supply							
	Groundwater	80	89	93	95	97	99	101
	Surface water	414	414	414	414	413	413	413
	Total Municipal & Industrial Supply	494	503	507	509	510	512	514
	Municipal & Industrial Balance	100	106	122	143	170	191	205
	Agriculture Demand	752	752	752	752	752	752	752
	Existing Agricultural Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	764	764	764	764	764	764	764
	Total Agriculture Supply	764	764	764	764	764	764	764
	Agriculture Balance	12	12	12	12	12	12	12
	Total Demand	1,146	1,149	1,137	1,118	1,092	1,073	1,061
	Total Supply							
	Groundwater	80	89	93	95	97	99	101
	Surface water	1,178	1,178	1,178	1,178	1,177	1,177	1,177
	Total Supply	1,258	1,267	1,271	1,273	1,274	1,276	1,278
	Total Balance	112	118	134	155	182	203	217

DRAFT

**Table 4-35
Washington County
Population, Water Supply, and Water Demand Projections**

Population Projection		Year						
		2000	2010	2020	2030	2040	2050	2060
		30,373	32,559	35,253	36,973	37,908	38,747	39,426
Supply and Demand by Type of Use		Year						
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
		Municipal	Municipal Demand	5,047	5,265	5,546	5,682	5,717
Municipal Existing Supply								
Groundwater	2,613		2,613	2,613	2,613	2,613	2,613	2,613
Surface water	4,619		4,619	4,619	4,619	4,619	4,619	4,619
Total Existing Municipal Supply	7,232		7,232	7,232	7,232	7,232	7,232	7,232
Municipal Balance	2,185		1,967	1,686	1,550	1,515	1,437	1,339
Industrial	Manufacturing Demand	334	414	461	504	547	585	633
	Manufacturing Existing Supply							
	Groundwater	434	434	434	434	434	434	434
	Surface water	0	0	0	0	0	0	0
	Total Manufacturing Supply	434	434	434	434	434	434	434
	Manufacturing Balance	100	20	(27)	(70)	(113)	(151)	(199)
	Steam-Electric Demand	0	0	0	0	0	0	0
	Steam-Electric Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	0	0	0	0	0	0	0
	Total Steam-Electric Supply	0	0	0	0	0	0	0
	Steam-Electric Balance	0	0	0	0	0	0	0
Mining	Mining Demand	157	185	198	206	213	220	226
	Mining Existing Supply							
	Groundwater	157	185	198	206	213	220	226
	Surface water	0	0	0	0	0	0	0
	Total Mining Supply	157	185	198	206	213	220	226
	Mining Balance	0	0	0	0	0	0	0
Agriculture	Irrigation Demand	1,724	1,724	1,724	1,724	1,724	1,724	1,724
	Irrigation Existing Supply							
	Groundwater	1,724	1,724	1,724	1,724	1,724	1,724	1,724
	Surface water	4,696	4,696	4,696	4,696	4,696	4,696	4,696
	Total Irrigation Supply	6,420	6,420	6,420	6,420	6,420	6,420	6,420
	Irrigation Balance	4,696	4,696	4,696	4,696	4,696	4,696	4,696
	Livestock Demand	1,554	1,554	1,554	1,554	1,554	1,554	1,554
	Livestock Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	1,554	1,554	1,554	1,554	1,554	1,554	1,554
Total Livestock Supply	1,554	1,554	1,554	1,554	1,554	1,554	1,554	
Livestock Balance	0	0	0	0	0	0	0	
Total	Municipal & Industrial Demand	5,538	5,864	6,205	6,392	6,477	6,600	6,752
	Existing Municipal & Industrial Supply							
	Groundwater	3,204	3,232	3,245	3,253	3,260	3,267	3,273
	Surface water	4,619	4,619	4,619	4,619	4,619	4,619	4,619
	Total Municipal & Industrial Supply	7,823	7,851	7,864	7,872	7,879	7,886	7,892
	Municipal & Industrial Balance	2,285	1,987	1,659	1,480	1,402	1,286	1,140
	Agriculture Demand	3,278	3,278	3,278	3,278	3,278	3,278	3,278
	Existing Agricultural Supply							
	Groundwater	1,724	1,724	1,724	1,724	1,724	1,724	1,724
	Surface water	6,250	6,250	6,250	6,250	6,250	6,250	6,250
	Total Agriculture Supply	7,974	7,974	7,974	7,974	7,974	7,974	7,974
	Agriculture Balance	4,696	4,696	4,696	4,696	4,696	4,696	4,696
	Total Demand	8,816	9,142	9,483	9,670	9,755	9,878	10,030
	Total Supply							
	Groundwater	4,928	4,956	4,969	4,977	4,984	4,991	4,997
	Surface water	10,869	10,869	10,869	10,869	10,869	10,869	10,869
Total Supply	15,797	15,825	15,838	15,846	15,853	15,860	15,866	
Total Balance	6,981	6,683	6,355	6,176	6,098	5,982	5,836	

DRAFT

**Table 4-36
Williamson County
Population, Water Supply, and Water Demand Projections**

Population Projection		Year						
		2000	2010	2020	2030	2040	2050	2060
		211,474	304,154	416,122	550,146	696,412	855,960	1,027,400
Supply and Demand by Type of Use		Year						
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
		Municipal	Municipal Demand	39,993	57,688	78,184	102,651	129,241
	Municipal Existing Supply							
	Groundwater	13,534	13,356	13,261	13,199	13,136	13,076	13,033
	Surface water	90,598	90,475	90,351	90,228	90,105	89,981	89,859
	Total Existing Municipal Supply	104,132	103,831	103,612	103,427	103,241	103,057	102,892
	Municipal Balance	64,139	46,143	25,428	776	(26,000)	(55,428)	(87,351)
Industrial	Manufacturing Demand	1,171	1,587	1,854	2,120	2,388	2,630	2,856
	Manufacturing Existing Supply							
	Groundwater	452	443	438	435	431	428	426
	Surface water	103	103	103	103	103	103	103
	Total Manufacturing Supply	555	546	541	538	534	531	529
	Manufacturing Balance	(617)	(1,042)	(1,314)	(1,583)	(1,855)	(2,100)	(2,328)
	Steam-Electric Demand	0	0	0	0	0	0	0
	Steam-Electric Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	0	0	0	0	0	0	0
	Total Steam-Electric Supply	0	0	0	0	0	0	0
	Steam-Electric Balance	0	0	0	0	0	0	0
	Mining Demand	1,874	2,354	2,615	2,795	2,972	3,149	3,280
	Mining Existing Supply							
	Groundwater	837	1,029	1,130	1,199	1,265	1,331	1,378
	Surface water	20	20	20	20	20	20	20
	Total Mining Supply	857	1,049	1,150	1,219	1,285	1,351	1,398
	Mining Balance	(1,017)	(1,305)	(1,465)	(1,576)	(1,687)	(1,798)	(1,882)
Agriculture	Irrigation Demand	80	80	80	80	80	80	80
	Irrigation Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	1,027	1,027	1,027	1,027	1,027	1,027	1,027
	Total Irrigation Supply	1,027	1,027	1,027	1,027	1,027	1,027	1,027
	Irrigation Balance	947	947	947	947	947	947	947
	Livestock Demand	1,344	1,344	1,344	1,344	1,344	1,344	1,344
	Livestock Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	1,344	1,344	1,344	1,344	1,344	1,344	1,344
	Total Livestock Supply	1,344	1,344	1,344	1,344	1,344	1,344	1,344
	Livestock Balance	0	0	0	0	0	0	0
Total	Municipal & Industrial Demand	43,038	61,629	82,653	107,566	134,601	164,264	196,379
	Existing Municipal & Industrial Supply							
	Groundwater	14,823	14,828	14,829	14,833	14,832	14,835	14,837
	Surface water	90,720	90,597	90,473	90,350	90,227	90,104	89,981
	Total Municipal & Industrial Supply	105,543	105,425	105,302	105,183	105,059	104,939	104,818
	Municipal & Industrial Balance	62,505	43,796	22,649	(2,383)	(29,542)	(59,325)	(91,561)
	Agriculture Demand	1,424	1,424	1,424	1,424	1,424	1,424	1,424
	Existing Agricultural Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	2,371	2,371	2,371	2,371	2,371	2,371	2,371
	Total Agriculture Supply	2,371	2,371	2,371	2,371	2,371	2,371	2,371
	Agriculture Balance	947	947	947	947	947	947	947
	Total Demand	44,462	63,053	84,077	108,990	136,025	165,688	197,803
	Total Supply							
	Groundwater	14,823	14,828	14,829	14,833	14,832	14,835	14,837
	Surface water	93,091	92,968	92,844	92,721	92,598	92,475	92,352
	Total Supply	107,914	107,796	107,673	107,554	107,430	107,310	107,189
	Total Balance	63,452	44,743	23,596	(1,436)	(28,595)	(58,378)	(90,614)

DRAFT

**Table 4-37
Young County
Population, Water Supply, and Water Demand Projections**

Population Projection		Year						
		2000	2010	2020	2030	2040	2050	2060
		13,989	14,125	14,433	14,453	14,287	14,079	13,947
Supply and Demand by Type of Use		Year						
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
		Municipal	Municipal Demand	2,259	2,224	2,225	2,183	2,115
	Municipal Existing Supply							
	Groundwater	286	286	286	286	286	286	286
	Surface water	3,986	3,937	3,887	3,837	3,788	3,738	3,688
	Total Existing Municipal Supply	4,272	4,223	4,173	4,123	4,074	4,024	3,974
	Municipal Balance	2,013	1,999	1,948	1,940	1,959	1,968	1,937
Industrial	Manufacturing Demand	27	33	36	39	42	44	48
	Manufacturing Existing Supply							
	Groundwater	55	55	55	55	55	55	55
	Surface water	550	458	367	275	183	92	0
	Total Manufacturing Supply	605	513	422	330	238	147	55
	Manufacturing Balance	578	480	386	291	196	103	7
	Steam-Electric Demand	2,610	2,170	1,730	2,023	2,379	2,814	3,344
	Steam-Electric Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	14,000	14,000	14,000	14,000	14,000	14,000	14,000
	Total Steam-Electric Supply	14,000	14,000	14,000	14,000	14,000	14,000	14,000
	Steam-Electric Balance	11,390	11,830	12,270	11,977	11,621	11,186	10,656
	Mining Demand	159	200	222	231	240	249	261
	Mining Existing Supply							
	Groundwater	159	200	222	231	240	249	261
	Surface water	0	0	0	0	0	0	0
	Total Mining Supply	159	200	222	231	240	249	261
	Mining Balance	0	0	0	0	0	0	0
Agriculture	Irrigation Demand	77	74	71	69	66	64	61
	Irrigation Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	882	884	885	887	888	890	891
	Total Irrigation Supply	882	884	885	887	888	890	891
	Irrigation Balance	805	810	814	818	822	826	830
	Livestock Demand	1,008	1,008	1,008	1,008	1,008	1,008	1,008
	Livestock Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	1,008	1,008	1,008	1,008	1,008	1,008	1,008
	Total Livestock Supply	1,008	1,008	1,008	1,008	1,008	1,008	1,008
	Livestock Balance	0	0	0	0	0	0	0
Total	Municipal & Industrial Demand	5,055	4,627	4,213	4,476	4,776	5,163	5,690
	Existing Municipal & Industrial Supply							
	Groundwater	500	541	563	572	581	590	602
	Surface water	18,536	18,395	18,253	18,112	17,971	17,830	17,688
	Total Municipal & Industrial Supply	19,036	18,936	18,816	18,684	18,552	18,420	18,290
	Municipal & Industrial Balance	13,981	14,309	14,603	14,208	13,776	13,257	12,600
	Agriculture Demand	1,085	1,082	1,079	1,077	1,074	1,072	1,069
	Existing Agricultural Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	1,890	1,892	1,893	1,895	1,896	1,898	1,899
	Total Agriculture Supply	1,890	1,892	1,893	1,895	1,896	1,898	1,899
	Agriculture Balance	805	810	814	818	822	826	830
	Total Demand	6,140	5,709	5,292	5,553	5,850	6,235	6,759
	Total Supply							
	Groundwater	500	541	563	572	581	590	602
	Surface water	20,426	20,286	20,146	20,007	19,867	19,727	19,587
	Total Supply	20,926	20,827	20,709	20,579	20,448	20,317	20,189
	Total Balance	14,786	15,118	15,417	15,026	14,598	14,082	13,430

**Table 4-23
Region Total
Population, Water Supply, and Water Demand Projections**

Population Projection		Year						
		2000	2010	2020	2030	2040	2050	2060
		1,621,961	1,882,896	2,168,682	2,458,075	2,739,717	3,034,798	3,332,100
Supply and Demand by Type of Use		Year						
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
Municipal	Municipal Demand	309,036	340,642	390,105	437,608	483,956	534,733	588,011
	Municipal Existing Supply							
	Groundwater	123,804	123,692	123,622	123,584	123,524	123,316	123,129
	Surface water	432,752	432,328	430,020	427,695	425,334	423,322	421,360
	Total Existing Municipal Supply	556,557	556,020	553,642	551,279	548,858	546,638	544,490
	Municipal Surplus (Shortage)	247,521	215,378	163,537	113,671	64,902	11,905	(43,521)
Industrial	Manufacturing Demand	16,939	19,787	23,201	25,077	26,962	30,191	31,942
	Manufacturing Existing Supply							
	Groundwater	8,675	8,663	8,657	8,653	8,648	8,644	8,642
	Surface water	10,761	11,340	11,716	12,056	12,400	12,691	13,014
	Total Manufacturing Supply	19,436	20,003	20,373	20,709	21,048	21,335	21,656
	Manufacturing Surplus (Shortage)	2,497	216	(2,828)	(4,368)	(5,914)	(8,856)	(10,286)
	Steam-Electric Demand	103,330	147,734	158,789	171,489	191,968	219,340	242,344
	Steam-Electric Existing Supply							
	Groundwater	15,644	15,653	15,661	15,669	15,678	15,686	15,694
	Surface water	205,010	214,916	214,821	214,727	214,309	213,766	213,178
	Total Steam-Electric Supply	220,654	230,569	230,482	230,396	229,987	229,452	228,872
	Steam-Electric Surplus (Shortage)	117,324	82,835	71,693	58,907	38,019	10,112	(13,472)
Mining	Mining Demand	72,854	32,229	33,156	33,602	23,816	19,259	19,758
	Mining Existing Supply							
	Groundwater	63,872	21,438	21,515	21,579	11,419	6,496	6,544
	Surface water	7,346	7,346	7,346	7,346	7,346	7,346	7,346
	Total Mining Supply	71,218	28,784	28,861	28,925	18,765	13,842	13,890
	Mining Surplus (Shortage)	(1,636)	(3,445)	(4,295)	(4,677)	(5,051)	(5,417)	(5,868)
Agriculture	Irrigation Demand	233,686	228,541	223,697	218,691	213,859	209,055	204,386
	Irrigation Existing Supply							
	Groundwater	117,217	115,783	114,561	113,151	111,794	110,431	109,101
	Surface water	171,900	171,956	172,011	172,067	172,122	172,178	172,233
	Total Irrigation Supply	289,117	287,739	286,572	285,218	283,916	282,609	281,334
	Irrigation Surplus (Shortage)	55,431	59,198	62,875	66,527	70,057	73,554	76,948
	Livestock Demand	51,576	51,576	51,576	51,576	51,576	51,576	51,576
	Livestock Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	51,576	51,576	51,576	51,576	51,576	51,576	51,576
Total Livestock Supply	51,576	51,576	51,576	51,576	51,576	51,576	51,576	
Livestock Surplus (Shortage)	0	0	0	0	0	0	0	
Total	Municipal & Industrial Demand	502,159	540,392	605,251	667,776	726,702	803,523	882,055
	Existing Municipal & Industrial Supply							
	Groundwater	211,995	169,446	169,455	169,485	159,269	154,142	154,009
	Surface water	655,869	665,929	663,903	661,824	659,389	657,124	654,898
	Total Municipal & Industrial Supply	867,864	835,375	833,358	831,309	818,658	811,266	808,907
	Municipal & Industrial Surplus (Shortage)	365,705	294,983	228,107	163,533	91,956	7,743	(73,148)
	Agriculture Demand	285,262	280,117	275,273	270,267	265,435	260,631	255,962
	Existing Agricultural Supply							
	Groundwater	117,217	115,783	114,561	113,151	111,794	110,431	109,101
	Surface water	223,476	223,532	223,587	223,643	223,698	223,754	223,809
	Total Agriculture Supply	340,693	339,315	338,148	336,794	335,492	334,185	332,910
	Agriculture Surplus (Shortage)	55,431	59,198	62,875	66,527	70,057	73,554	76,948
	Total Demand	787,421	820,509	880,524	938,043	992,137	1,064,154	1,138,017
	Total Supply							
	Groundwater	329,212	285,229	284,016	282,636	271,063	264,573	263,110
	Surface water	879,345	889,461	887,490	885,466	883,087	880,878	878,707
	Total Supply	1,208,557	1,174,690	1,171,506	1,168,102	1,154,150	1,145,451	1,141,817
	Total Surplus (Shortage)	421,136	354,181	290,982	230,059	162,013	81,297	3,800