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**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
	Municipal Existing Supply							
	Groundwater	6,155	6,155	6,155	6,155	6,155	6,155	6,155
	Surface water	0	0	0	0	0	0	0
	Total Existing Municipal Supply	6,155	6,155	6,155	6,155	6,155	6,155	6,155
	Municipal Balance	3,343	3,281	3,176	3,129	3,111	3,134	3,140
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	46,367	46,340	46,314	46,287	46,260	46,234	46,207
	Total Steam-Electric Supply	50,482	50,455	50,429	50,402	50,375	50,349	50,322
	Steam-Electric Balance	35,482	22,455	20,429	20,402	15,375	10,349	10,322
	Mining Demand	91	82	80	79	78	77	76
	Mining Existing Supply							
	Groundwater	91	82	80	79	78	77	76
	Surface water	0	0	0	0	0	0	0
	Total Mining Supply	91	82	80	79	78	77	76
	Mining Balance	0	0	0	0	0	0	0
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	4,600	4,600	4,600	4,600	4,600	4,600	4,600
	Total Irrigation Supply	17,029	16,731	16,614	16,271	15,936	15,612	15,296
	Irrigation Balance	457	556	595	710	821	930	1,035
	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	17,968	31,041	33,160	33,222	38,256	43,248	43,254
	Existing Municipal & Industrial Supply							
	Groundwater	10,447	10,438	10,436	10,435	10,434	10,433	10,432
	Surface water	46,367	46,340	46,314	46,287	46,260	46,234	46,207
	Total Municipal & Industrial Supply	56,814	56,778	56,750	56,722	56,694	56,667	56,639
	Municipal & Industrial Balance	38,846	25,737	23,590	23,500	18,438	13,419	13,385
	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	6,108	6,108	6,108	6,108	6,108	6,108	6,108
	Total Agriculture Supply	18,537	18,239	18,122	17,779	17,444	17,120	16,804
	Agriculture Balance	457	556	595	710	821	930	1,035
	Total Demand	36,048	48,724	50,687	50,291	54,879	59,438	59,023
	Total Supply							
	Groundwater	22,876	22,569	22,450	22,106	21,770	21,445	21,128
	Surface water	52,475	52,448	52,422	52,395	52,368	52,342	52,315
	Total Supply	75,351	75,017	74,872	74,501	74,138	73,787	73,443
	Total Balance	39,303	26,293	24,185	24,210	19,259	14,349	14,420

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**Table 4-29
Schackelford 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	3,218	3,218	3,218	3,218	3,218	3,218	3,218
	Surface water	2,287	2,255	2,221	2,243	2,305	2,420	2,548
	Total Existing Municipal Supply	5,504	5,472	5,438	5,460	5,523	5,638	5,766
	Municipal Balance	4,573	4,509	4,441	4,485	4,610	4,840	5,096
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 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	83	83	83	83	82	82	82
	Total Irrigation Supply	83	83	83	83	82	82	82
	Irrigation Balance	(112)	(106)	(100)	(96)	(91)	(86)	(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	3,218	3,218	3,218	3,218	3,218	3,218	3,218
	Surface water	2,373	2,341	2,307	2,329	2,391	2,506	2,634
	Total Municipal & Industrial Supply	5,591	5,559	5,525	5,547	5,609	5,724	5,852
	Municipal & Industrial Balance	4,136	3,940	3,804	3,820	3,917	4,120	4,337
	Agriculture Demand	955	949	943	938	933	928	923
	Existing Agricultural Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	843	843	843	843	842	842	842
	Total Agriculture Supply	843	843	843	843	842	842	842
	Agriculture Balance	(112)	(106)	(100)	(96)	(91)	(86)	(81)
	Total Demand	2,410	2,568	2,664	2,665	2,625	2,532	2,438
	Total Supply							
	Groundwater	3,218	3,218	3,218	3,218	3,218	3,218	3,218
	Surface water	3,216	3,184	3,150	3,172	3,234	3,349	3,476
	Total Supply	6,434	6,402	6,368	6,390	6,451	6,566	6,694
Total Balance	4,024	3,834	3,704	3,725	3,826	4,034	4,256	

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**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	850	850	850	850	850	850	850	
	Total Existing Municipal Supply	1,801	1,845	1,854	1,859	1,864	1,867	1,872	
	Municipal Balance	788	774	709	657	635	629	627	
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	23,490	23,479	23,467	23,456	23,445	23,433	23,422	
	Total Steam-Electric Supply	23,490	23,479	23,467	23,456	23,445	23,433	23,422	
	Steam-Electric Balance	5,490	279	267	256	245	233	222	
Mining	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		1,291	1,291	1,291	1,291	1,291	1,291	1,291	
Total Irrigation Supply		1,325	1,327	1,327	1,327	1,327	1,327	1,327	
Irrigation Balance		850	853	856	859	860	863	866	
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	24,340	24,329	24,317	24,306	24,295	24,283	24,272	
	Total Municipal & Industrial Supply	25,539	25,526	25,514	25,503	25,492	25,479	25,470	
	Municipal & Industrial Balance	6,128	945	875	815	784	768	757	
	Agriculture Demand	641	640	637	634	633	630	627	
	Existing Agricultural Supply								
	Groundwater	34	36	36	36	36	36	36	
	Surface water	1,457	1,457	1,457	1,457	1,457	1,457	1,457	
	Total Agriculture Supply	1,491	1,493	1,493	1,493	1,493	1,493	1,493	
	Agriculture Balance	850	853	856	859	860	863	866	
	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	25,797	25,786	25,774	25,763	25,752	25,740	25,729	
Total Supply	27,030	27,019	27,007	26,996	26,985	26,972	26,963		
Total Balance	6,978	1,798	1,731	1,674	1,644	1,631	1,623		

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**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	301	301	301	301	301	301	301
	Surface water	3,835	3,806	3,777	3,748	3,719	3,690	3,661
	Total Existing Municipal Supply	4,136	4,107	4,078	4,049	4,020	3,991	3,962
	Municipal Balance	2,667	2,329	2,300	2,285	2,300	2,351	2,373
Industrial	Manufacturing Demand	6	7	8	9	10	11	12
	Manufacturing Existing Supply							
	Groundwater	1	1	1	1	1	1	1
	Surface water	62	62	62	62	62	62	62
	Total Manufacturing Supply	63	63	63	63	63	63	63
	Manufacturing Balance	57	56	55	54	53	52	51
	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	7,315	8,715	9,328	8,567	9,798	10,024	10,347
	Mining Existing Supply							
	Groundwater	704	704	704	704	704	704	704
Surface water	0	0	0	0	0	0	0	
Total Mining Supply	704	704	704	704	704	704	704	
Mining Balance	(6,611)	(8,011)	(8,624)	(7,863)	(9,094)	(9,320)	(9,643)	
Agriculture	Irrigation Demand	802	791	781	771	760	750	740
	Irrigation Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	901	898	895	893	890	887	884
	Total Irrigation Supply	901	898	895	893	890	887	884
	Irrigation Balance	99	107	114	122	130	137	144
	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	10,340	11,528	11,675	11,948
	Existing Municipal & Industrial Supply							
	Groundwater	1,006	1,006	1,006	1,006	1,006	1,006	1,006
	Surface water	3,897	3,868	3,839	3,810	3,781	3,752	3,723
	Total Municipal & Industrial Supply	4,903	4,874	4,845	4,816	4,787	4,758	4,729
	Municipal & Industrial Balance	(3,887)	(5,626)	(6,269)	(5,524)	(6,741)	(6,917)	(7,219)
	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	1,477	1,474	1,471	1,469	1,466	1,463	1,460
	Total Agriculture Supply	1,477	1,474	1,471	1,469	1,466	1,463	1,460
	Agriculture Balance	99	107	114	122	130	137	144
	Total Demand	10,168	11,867	12,471	11,687	12,864	13,001	13,264
	Total Supply							
	Groundwater	1,006	1,006	1,006	1,006	1,006	1,006	1,006
Surface water	5,374	5,343	5,311	5,279	5,247	5,215	5,183	
Total Supply	6,380	6,349	6,317	6,285	6,253	6,221	6,189	
Total Balance	(3,788)	(5,518)	(6,154)	(5,402)	(6,611)	(6,780)	(7,075)	

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**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	219	205
	Municipal Existing Supply							
	Groundwater	265	269	274	279	284	289	294
	Surface water	93	93	93	93	93	93	93
	Total Existing Municipal Supply	358	362	367	372	377	382	387
	Municipal Balance	59	70	90	114	140	163	182
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	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	93	93	93	93	93	93	93
	Total Municipal & Industrial Supply	372	377	382	387	392	397	402
	Municipal & Industrial Balance	59	70	90	114	140	163	182
	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	573	573	573	573	573	573	573	
Total Supply	1,196	1,190	1,185	1,181	1,177	1,173	1,170	
Total Balance	67	78	98	122	149	172	191	

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**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	23,423	22,696
	Municipal Existing Supply							
	Groundwater	22	22	22	22	22	22	22
	Surface water	48,281	47,888	47,566	47,257	46,951	46,659	46,334
	Total Existing Municipal Supply	48,303	47,910	47,588	47,279	46,973	46,681	46,356
	Municipal Balance	8,899	24,179	23,247	22,905	22,936	23,258	23,660
Industrial	Manufacturing Demand	789	972	1,081	1,177	1,270	1,349	1,462
	Manufacturing Existing Supply							
	Groundwater	29	29	29	29	29	29	29
	Surface water	307	307	307	307	307	307	307
	Total Manufacturing Supply	336	336	336	336	336	336	336
	Manufacturing Balance	(453)	(636)	(745)	(841)	(934)	(1,013)	(1,126)
	Steam-Electric Demand	31	25	20	24	28	33	39
	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	(31)	(25)	(20)	(24)	(28)	(33)	(39)
	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	237	236	235	234	233	232	231
	Total Irrigation Supply	336	333	330	329	326	324	322
	Irrigation Balance	162	163	164	167	168	170	172
	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	289	331	351	359	369	377	387
	Surface water	48,588	48,195	47,873	47,564	47,258	46,966	46,641
	Total Municipal & Industrial Supply	48,877	48,526	48,224	47,923	47,627	47,343	47,028
	Municipal & Industrial Balance	8,411	23,513	22,478	22,035	21,970	22,208	22,491
	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	1,542	1,541	1,540	1,539	1,538	1,537	1,536
	Total Agriculture Supply	1,641	1,638	1,635	1,634	1,631	1,629	1,627
	Agriculture Balance	162	163	164	167	168	170	172
	Total Demand	41,945	26,488	27,217	27,355	27,120	26,594	25,992
	Total Supply							
	Groundwater	388	428	446	454	462	469	478
Surface water	50,130	49,736	49,413	49,103	48,796	48,503	48,177	
Total Supply	50,518	50,164	49,859	49,557	49,258	48,972	48,655	
Total Balance	8,573	23,676	22,642	22,202	22,138	22,378	22,663	

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**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	262	248
	Municipal Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	409	409	409	409	409	408	408
	Total Existing Municipal Supply	409	409	409	409	409	408	408
	Municipal Balance	55	61	77	98	126	146	160
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	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	40	49	53	55	57	59	61
	Surface water	409	409	409	409	409	408	408
	Total Municipal & Industrial Supply	449	458	462	464	466	467	469
	Municipal & Industrial Balance	55	61	77	98	126	146	160
	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	40	49	53	55	57	59	61
Surface water	1,173	1,173	1,173	1,173	1,173	1,172	1,172	
Total Supply	1,213	1,222	1,226	1,228	1,230	1,231	1,233	
Total Balance	67	73	89	110	138	158	172	

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**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	4,750		4,750	4,750	4,750	4,750	4,750	4,750
Total Existing Municipal Supply	7,363		7,363	7,363	7,363	7,363	7,363	7,363
Municipal Balance	2,316		2,098	1,817	1,681	1,646	1,568	1,470
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	4,498	4,510	4,523	4,535	4,547	4,560	4,572
	Total Irrigation Supply	6,222	6,234	6,247	6,259	6,271	6,284	6,296
	Irrigation Balance	4,498	4,510	4,523	4,535	4,547	4,560	4,572
	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	4,750	4,750	4,750	4,750	4,750	4,750	4,750
	Total Municipal & Industrial Supply	7,954	7,982	7,995	8,003	8,010	8,017	8,023
	Municipal & Industrial Balance	2,416	2,118	1,790	1,611	1,533	1,417	1,271
	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	6,052	6,064	6,077	6,089	6,101	6,114	6,126
	Total Agriculture Supply	7,776	7,788	7,801	7,813	7,825	7,838	7,850
	Agriculture Balance	4,498	4,510	4,523	4,535	4,547	4,560	4,572
	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	10,802	10,814	10,827	10,839	10,851	10,864	10,876	
Total Supply	15,730	15,770	15,796	15,816	15,835	15,855	15,873	
Total Balance	6,914	6,628	6,313	6,146	6,080	5,977	5,843	

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**Table 4-36
Williamson
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	11,534	11,386	11,307	11,256	11,204	11,154	11,118
	Surface water	85,388	85,163	84,937	84,713	84,488	84,262	84,037
	Total Existing Municipal Supply	96,922	96,549	96,244	95,969	95,692	95,416	95,155
	Municipal Balance	56,929	38,861	18,060	(6,682)	(33,549)	(63,069)	(95,088)
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	118	118	118	118	118	118	118
	Total Manufacturing Supply	570	561	556	553	549	546	544
	Manufacturing Balance	(601)	(1,026)	(1,298)	(1,567)	(1,839)	(2,084)	(2,312)
	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	16	13	10	7	3	0
	Total Mining Supply	857	1,045	1,143	1,209	1,272	1,334	1,378
	Mining Balance	(1,017)	(1,309)	(1,472)	(1,586)	(1,700)	(1,815)	(1,902)
Agriculture	Irrigation Demand	80	80	80	80	80	80	80
	Irrigation Existing Supply							
	Groundwater	0	0	0	0	0	0	0
	Surface water	917	913	909	906	902	898	894
	Total Irrigation Supply	917	913	909	906	902	898	894
	Irrigation Balance	837	833	829	826	822	818	814
	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	12,823	12,858	12,875	12,890	12,900	12,913	12,922
	Surface water	85,526	85,298	85,069	84,841	84,612	84,383	84,155
	Total Municipal & Industrial Supply	98,349	98,156	97,944	97,731	97,512	97,296	97,077
	Municipal & Industrial Balance	55,311	36,527	15,291	(9,835)	(37,089)	(66,968)	(99,302)
	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	2,261	2,257	2,253	2,250	2,246	2,242	2,238
	Total Agriculture Supply	2,261	2,257	2,253	2,250	2,246	2,242	2,238
	Agriculture Balance	837	833	829	826	822	818	814
	Total Demand	44,462	63,053	84,077	108,990	136,025	165,688	197,803
	Total Supply							
	Groundwater	12,823	12,858	12,875	12,890	12,900	12,913	12,922
	Surface water	87,787	87,555	87,322	87,090	86,858	86,625	86,393
	Total Supply	100,610	100,413	100,197	99,980	99,758	99,538	99,315
	Total Balance	56,148	37,360	16,120	(9,010)	(36,267)	(66,150)	(98,488)

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**Table 4-37
Young
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	67	67	67	67	67	67	67
	Surface water	2,286	2,235	2,184	2,133	2,083	2,032	1,981
	Total Existing Municipal Supply	2,353	2,302	2,251	2,200	2,150	2,099	2,048
	Municipal Balance	94	78	26	17	35	43	11
Industrial	Manufacturing Demand	27	33	36	39	42	44	48
	Manufacturing Existing Supply							
	Groundwater	35	35	35	35	35	35	35
	Surface water	0	0	0	0	0	0	0
	Total Manufacturing Supply	35	35	35	35	35	35	35
	Manufacturing Balance	8	2	(1)	(4)	(7)	(9)	(13)
	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	3,862	3,777	3,691	3,606	3,521	3,435	3,350
	Total Steam-Electric Supply	3,862	3,777	3,691	3,606	3,521	3,435	3,350
	Steam-Electric Balance	1,252	1,607	1,961	1,583	1,142	621	6
	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	956	956	956	956	955	955	955
	Total Irrigation Supply	956	956	956	956	955	955	955
	Irrigation Balance	879	882	885	887	889	891	894
	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	261	302	324	333	342	351	363
	Surface water	6,148	6,012	5,875	5,739	5,604	5,468	5,331
	Total Municipal & Industrial Supply	6,409	6,314	6,199	6,072	5,946	5,819	5,694
	Municipal & Industrial Balance	1,354	1,687	1,986	1,596	1,170	656	4
	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	1,964	1,964	1,964	1,964	1,963	1,963	1,963
	Total Agriculture Supply	1,964	1,964	1,964	1,964	1,963	1,963	1,963
	Agriculture Balance	879	882	885	887	889	891	894
	Total Demand	6,140	5,709	5,292	5,553	5,850	6,235	6,759
	Total Supply							
	Groundwater	261	302	324	333	342	351	363
	Surface water	8,112	7,976	7,839	7,703	7,567	7,431	7,294
	Total Supply	8,373	8,278	8,163	8,036	7,909	7,782	7,657
	Total Balance	2,233	2,569	2,871	2,483	2,059	1,547	898