

APPENDIX C

SUMMARY TABLES FOR WATER USER GROUPS

Table C-1
Ables Springs Water Supply Corporation

Regions C and D (Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	5,227	7,046	8,956	11,153	14,106	17,943
Projected Water Demand						
Municipal Demand	556	845	1,054	1,299	1,644	2,090
Total Projected Water Demand	556	845	1,054	1,299	1,644	2,090
Currently Available Water Supplies						
SRA sources (through MacBee SUD)	965	0	0	0	0	0
Total Current Supplies	965	0	0	0	0	0
Need (Demand - Current Supply)	0	845	1,054	1,299	1,644	2,090
Water Management Strategies						
Water Conservation	13	40	61	80	104	135
Connect to NTMWD and Purchase Water	0	560	560	560	560	560
Additional Delivery Capacity	0	245	433	659	980	1,395
Total Water Management Strategies	13	845	1,054	1,299	1,644	2,090
Reserve (Shortage)	422	0	0	0	0	0

Table C-2
Addison

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	16,000	20,534	22,358	23,629	24,515	25,133
Projected Water Demand						
Municipal Demand	7,904	10,074	10,919	11,514	11,918	12,218
Total Projected Water Demand	7,904	10,074	10,919	11,514	11,918	12,218
Currently Available Water Supplies						
Dallas Water Utilities	7,268	7,565	7,832	7,753	7,404	6,674
Total Current Supplies	7,268	7,565	7,832	7,753	7,404	6,674
Need (Demand - Current Supply)	636	2,509	3,087	3,761	4,514	5,544
Water Management Strategies						
Water Conservation	189	351	478	600	721	841
Additional Water from DWU	447	2,158	2,609	3,161	3,793	4,703
Total Water Management Strategies	636	2,509	3,087	3,761	4,514	5,544
Reserve (Shortage)	0	0	0	0	0	0

**Table C-3
Alejo**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	2,710	5,620	9,120	12,620	13,258	13,258
Projected Water Demand						
Municipal Demand	455	957	1,532	2,106	2,213	2,213
Total Projected Water Demand	455	957	1,532	2,106	2,213	2,213
Currently Available Water Supplies						
Trinity Aquifer	501	501	501	501	501	501
Total Current Supplies	501	501	501	501	501	501
Need (Demand - Current Supply)	0	456	1,031	1,605	1,712	1,712
Water Management Strategies						
Water Conservation	10	68	131	199	228	247
Fort Worth (Tarrant Regional WD)	0	419	900	1,406	1,484	1,465
Supplemental wells	0	0	0	0	0	0
Total Water Management Strategies	10	487	1,031	1,605	1,712	1,712
Reserve (Shortage)	56	31	0	0	0	0

**Table C-4
Allen**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	82,000	90,000	98,000	98,500	98,500	98,500
Projected Water Demand						
Municipal Demand	20,207	24,699	27,663	27,694	27,694	27,694
Total Projected Water Demand	20,207	24,699	27,663	27,694	27,694	27,694
Currently Available Water Supplies						
North Texas Municipal Water District	19,809	20,103	19,555	17,589	15,905	14,783
Total Current Supplies	19,809	20,103	19,555	17,589	15,905	14,783
Need (Demand - Current Supply)	398	4,596	8,108	10,105	11,789	12,911
Water Management Strategies						
Water Conservation	398	1,459	2,090	2,347	2,579	2,810
Additional Water from NTMWD	0	3,137	6,018	7,758	9,210	10,101
Total Water Management Strategies	398	4,596	8,108	10,105	11,789	12,911
Reserve (Shortage)	0	0	0	0	0	0

**Table C-5
Alvord**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,336	1,478	1,615	1,751	1,906	2,085
Projected Water Demand						
Municipal Demand	199	214	228	243	263	287
Total Projected Water Demand	199	214	228	243	263	287
Currently Available Water Supplies						
Trinity Aquifer	316	316	316	316	316	316
Total Current Supplies	316	316	316	316	316	316
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Water Conservation	2	7	10	12	14	17
West Wise SUD (TRWD)	0	150	150	150	150	150
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	2	157	160	162	164	167
Reserve (Shortage)	119	259	248	235	217	196

**Table C-6
Anna**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	9,000	14,000	21,000	28,000	36,000	60,000
Projected Water Demand						
Municipal Demand	1,653	2,948	4,399	5,865	7,541	12,568
Total Projected Water Demand	1,653	2,948	4,399	5,865	7,541	12,568
Currently Available Water Supplies						
Trinity Aquifer	88	88	88	88	88	88
Woodbine Aquifer	124	124	124	124	124	124
North Texas Municipal Water District (Collin-Grayson Municipal Alliance)	1,408	1,668	1,668	1,668	1,668	1,668
Total Current Supplies	1,620	1,880	1,880	1,880	1,880	1,880
Need (Demand - Current Supply)	33	1,068	2,519	3,985	5,661	10,688
Water Management Strategies						
Water Conservation	33	165	298	448	640	1,169
Expand Collin-Grayson Municipal Alliance, Additional Water from NTMWD	0	903	2,221	3,537	5,021	9,519
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	33	1,068	2,519	3,985	5,661	10,688
Reserve (Shortage)	0	0	0	0	0	0

**Table C-7
Annetta**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,579	1,972	2,289	2,564	2,856	3,176
Projected Water Demand						
Municipal Demand	218	265	305	339	374	416
Total Projected Water Demand	218	265	305	339	374	416
Currently Available Water Supplies						
Trinity Aquifer	240	240	240	240	240	240
Total Current Supplies	240	240	240	240	240	240
Need (Demand - Current Supply)	0	25	65	99	134	176
Water Management Strategies						
Water Conservation	3	11	16	19	23	27
Weatherford (Tarrant Regional WD)	0	14	49	80	111	149
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	3	25	65	99	134	176
Reserve (Shortage)	25	0	0	0	0	0

**Table C-8
Annetta South**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	708	836	939	1,028	1,123	1,227
Projected Water Demand						
Municipal Demand	91	105	116	124	135	147
Total Projected Water Demand	91	105	116	124	135	147
Currently Available Water Supplies						
Trinity Aquifer	100	100	100	100	100	100
Total Current Supplies	100	100	100	100	100	100
Need (Demand - Current Supply)	0	5	16	24	35	47
Water Management Strategies						
Water Conservation	1	4	6	8	9	10
Weatherford (Tarrant Regional WD)	0	1	10	16	26	37
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	1	5	16	24	35	47
Reserve (Shortage)	10	0	0	0	0	0

**Table C-9
Argyle**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	3,750	8,935	12,983	14,550	16,282	18,000
Projected Water Demand						
Municipal Demand	1,227	2,902	4,217	4,710	5,271	5,827
Total Projected Water Demand	1,227	2,902	4,217	4,710	5,271	5,827
Currently Available Water Supplies						
Argyle WSC (UTRWD and groundwater)	1,209	1,343	1,394	1,291	1,222	1,210
Total Current Supplies	1,209	1,343	1,394	1,291	1,222	1,210
Need (Demand - Current Supply)	18	1,559	2,823	3,419	4,049	4,617
Water Management Strategies						
Water Conservation	34	135	239	307	387	477
Additional Water from Argyle WSC		1,424	2,631	3,207	3,804	4,330
Total Water Management Strategies	34	1,559	2,870	3,514	4,191	4,807
Reserve (Shortage)	16	0	47	95	142	190

**Table C-10
Argyle Water Supply Corporation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population						
Outside Argyle	5,965	6,012	6,012	6,012	6,012	6,012
In Argyle	3,750	8,935	12,983	14,550	16,282	18,000
Total Population Served	9,715	14,947	18,995	20,562	22,294	24,012
Projected Water Demand						
Outside Argyle	1,263	1,259	1,239	1,219	1,212	1,212
In Argyle	1,227	2,902	4,217	4,710	5,271	5,827
Total Projected Demand	2,490	4,161	5,456	5,929	6,483	7,039
Currently Available Water Supplies						
Groundwater	841	841	841	841	841	841
Upper Trinity Regional Water District	1,779	1,251	1,179	1,018	911	882
Total Current Supplies	2,620	2,092	2,020	1,859	1,752	1,723
Need (Demand - Current Supply)	0	2,069	3,436	4,070	4,731	5,316
Water Management Strategies						
Water Conservation	48	173	289	391	482	582
Additional Water from UTRWD	0	2,070	3,388	3,986	4,623	5,175
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	48	2,243	3,677	4,377	5,105	5,757
Reserve (Shortage)	178	174	241	307	374	441

**Table C-11
Arlington**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	380,628	425,000	450,000	472,065	472,065	472,065
Projected Water Demand						
Municipal Demand	77,597	85,215	89,219	92,537	92,008	92,008
Manufacturing and Customer Demand	2,589	9,140	9,962	10,837	11,750	12,719
Total Projected Demand	80,186	94,355	99,181	103,374	103,758	104,727
Currently Available Water Supplies						
Lake Arlington (TRWD)	9,850	9,700	9,550	9,400	9,250	9,100
Tarrant Regional Water District	68,006	77,114	69,406	62,993	55,473	48,949
Total Current Supplies	77,856	86,814	78,956	72,393	64,723	58,049
Need (Demand - Current Supply)	2,330	7,541	20,225	30,981	39,035	46,678
Water Management Strategies						
Water Conservation	2,123	4,631	6,309	7,503	8,306	9,121
Fort Worth Direct Reuse	207	602	602	602	602	602
Additional Water from TRWD		2,308	13,314	22,876	30,127	36,955
Expand Treatment Plant	0	0	0	0	0	0
Total Water Management Strategies	2,330	7,541	20,225	30,981	39,035	46,678
Reserve (Shortage)	0	0	0	0	0	0

Note: Customer demand includes part of Tarrant County Manufacturing and planned sales to Bethesda WSC, Grand Prairie, and Pantego. See Appendix H for details on demands.

**Table C-12
Athens (Total of Region C and Region I)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	13,588	16,343	19,657	23,643	28,438	34,204
Projected Water Demand						
Municipal Demand	2,770	3,276	3,875	4,555	5,447	6,552
Henderson County Manufacturing	99	106	120	136	155	176
Total Projected Demand	2,869	3,382	3,995	4,691	5,602	6,728
Currently Available Water Supplies						
Carrizo-Wilcox Aquifer	685	685	685	685	685	685
Athens Municipal Water Authority	1,626	1,762	1,891	2,005	2,122	2,229
Total Current Supplies	2,311	2,447	2,576	2,690	2,807	2,914
Need (Demand - Current Supply)	558	935	1,419	2,001	2,795	3,814
Water Management Strategies						
Water Conservation	46	209	344	452	589	761
Additional Water from Athens MWA	512	726	1,075	1,549	2,206	3,053
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	558	935	1,419	2,001	2,795	3,814
Reserve (Shortage)	0	0	0	0	0	0

**Table C-13
Aubrey**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	2,830	5,375	8,755	11,767	15,814	21,252
Projected Water Demand						
Municipal Demand	396	855	1,373	1,819	2,445	3,285
Total Projected Demand	396	855	1,373	1,819	2,445	3,285
Currently Available Water Supplies						
Trinity Aquifer	436	436	436	436	436	436
Upper Trinity Regional Water District	102	202	270	299	339	413
Total Current Supplies	538	638	706	735	775	849
Need (Demand - Current Supply)	0	217	667	1,084	1,670	2,436
Water Management Strategies						
Water Conservation	8	55	68	97	139	198
Additional Water from UTRWD	0	307	773	1,190	1,763	2,499
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	8	362	841	1,287	1,902	2,697
Reserve (Shortage)	150	145	174	203	232	261

**Table C-14
Aurora**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,500	1,800	2,000	2,149	2,507	2,905
Projected Water Demand						
Municipal Demand	187	218	237	253	292	338
Total Projected Demand	187	218	237	253	292	338
Currently Available Water Supplies						
Trinity Aquifer	252	252	252	252	252	252
Total Current Supplies	252	252	252	252	252	252
Need (Demand - Current Supply)	0	0	0	1	40	86
Water Management Strategies						
Water Conservation	3	9	13	15	18	22
Rhome (from Walnut Ck. SUD and TRWD)	0	50	50	50	50	86
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	3	59	63	65	68	108
Reserve (Shortage)	68	93	78	64	28	22

**Table C-15
Azle**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	12,108	16,795	23,473	31,060	38,682	45,362
Projected Water Demand						
Municipal Demand	1,953	2,633	3,602	4,697	5,849	6,860
Total Projected Demand	1,953	2,633	3,602	4,697	5,849	6,860
Currently Available Water Supplies						
Tarrant Regional Water District (limited by treatment plant capacity)	1,837	1,837	1,837	1,837	1,837	1,837
Total Current Supplies	1,837	1,837	1,837	1,837	1,837	1,837
Need (Demand - Current Supply)	116	796	1,765	2,860	4,012	5,023
Water Management Strategies						
Water Conservation	116	105	174	246	326	405
3 MGD WTP Expansion (TRWD)	0	691	1,591	1,680	1,680	1,680
3 MGD WTP Expansion (TRWD)	0	0	0	934	1,680	1,680
3 MGD WTP Expansion (TRWD)	0	0	0	0	326	1,258
Total Water Management Strategies	116	796	1,765	2,860	4,012	5,023
Reserve (Shortage)	0	0	0	0	0	0

**Table C-16
Balch Springs**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	21,083	22,564	23,849	24,963	25,930	26,768
Projected Water Demand						
Municipal Demand	2,621	2,730	2,805	2,852	2,934	3,028
Total Projected Demand	2,621	2,730	2,805	2,852	2,934	3,028
Currently Available Water Supplies						
Dallas County WCID #6 (DWU)	2,410	2,050	2,012	1,920	1,823	1,654
Total Current Supplies	2,410	2,050	2,012	1,920	1,823	1,654
Need (Demand - Current Supply)	211	680	793	932	1,111	1,374
Water Management Strategies						
Water Conservation	28	95	132	149	164	180
Additional Dallas County WCID #6 (DWU)	183	585	661	783	947	1,194
Total Water Management Strategies	211	680	793	932	1,111	1,374
Reserve (Shortage)	0	0	0	0	0	0

**Table C-17
Bardwell**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	838	1,075	1,308	1,546	1,813	2,107
Projected Water Demand						
Municipal Demand	103	130	155	182	213	248
Total Projected Demand	103	130	155	182	213	248
Currently Available Water Supplies						
Woodbine Aquifer and Desalination	113	113	113	113	113	113
Total Current Supplies	113	113	113	113	113	113
Need (Demand - Current Supply)	0	17	42	69	100	135
Water Management Strategies						
Water Conservation	2	6	10	12	15	18
Ennis (TRWD through TRA)	0	11	32	57	85	117
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	2	17	42	69	100	135
Reserve (Shortage)	12	0	0	0	0	0

**Table C-18
Bartonville**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,500	4,500	5,000	5,000	5,000	5,000
Projected Water Demand						
Municipal Demand	282	943	1,042	1,042	1,042	1,042
Total Projected Water Demand	282	943	1,042	1,042	1,042	1,042
Currently Available Water Supplies						
Bartonville WSC (UTRWD and groundwater)	277	377	301	249	213	196
Total Current Supplies	277	377	301	249	213	196
Need (Demand - Current Supply)	5	566	741	793	829	846
Water Management Strategies						
Water Conservation	9	54	71	80	88	97
Additional Water from Bartonville WSC	0	512	676	725	760	774
Total Water Management Strategies	9	566	747	805	848	871
Reserve (Shortage)	4	0	6	12	19	25

**Table C-19
Bartonville Water Supply Corporation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population						
Outside Cities	1,400	1,604	1,786	1,948	2,094	2,224
In Bartonville	1,500	4,500	5,000	5,000	5,000	5,000
In Copper Canyon	1,300	1,600	1,900	2,200	2,500	2,800
In Double Oak	3,000	3,000	3,000	3,000	3,000	3,000
Total Population Served	7,200	10,704	11,686	12,148	12,594	13,024
Projected Water Demand						
Outside Cities	307	347	380	410	439	466
In Bartonville	282	943	1,042	1,042	1,042	1,042
In Copper Canyon	357	432	507	582	661	740
In Double Oak	716	706	699	696	692	692
Total Projected Demand	1,662	2,428	2,628	2,730	2,834	2,940
Currently Available Water Supplies						
Groundwater	449	449	449	449	449	449
Upper Trinity Regional Water District	1,170	708	540	447	381	355
Total Current Supplies	1,619	1,157	989	896	830	804
Need (Demand - Current Supply)	43	1,271	1,639	1,834	2,004	2,136
Water Management Strategies						
Water Conservation	43	118	159	187	214	256
Additional Water from UTRWD	0	1,153	1,525	1,736	1,925	2,060
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	43	1,271	1,684	1,923	2,139	2,316
Reserve (Shortage)	0	0	45	89	135	180

**Table C-20
Bedford**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	50,001	52,395	54,407	56,098	57,519	58,713
Projected Water Demand						
Municipal Demand	10,138	10,447	10,665	10,808	11,017	11,246
Total Projected Demand	10,138	10,447	10,665	10,808	11,017	11,246
Currently Available Water Supplies						
Trinity Aquifer	1,109	1,109	1,109	1,109	1,109	1,109
Trinity River Authority (TRWD)	8,755	8,567	7,450	6,543	5,853	5,222
Total Current Supplies	9,864	9,676	8,559	7,652	6,962	6,331
Need (Demand - Current Supply)	274	771	2,106	3,156	4,055	4,915
Water Management Strategies						
Water Conservation	274	529	700	807	915	1,028
Additional Water from TRA (TRWD)	0	242	1,406	2,349	3,140	3,887
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	274	771	2,106	3,156	4,055	4,915
Reserve (Shortage)	0	0	0	0	0	0

**Table C-21
Bells**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,800	2,300	2,750	3,250	3,700	4,000
Projected Water Demand						
Municipal Demand	185	271	348	404	456	493
Total Projected Demand	185	271	348	404	456	493
Currently Available Water Supplies						
Trinity Aquifer	161	161	161	161	161	161
Woodbine Aquifer	43	43	43	43	43	43
Total Current Supplies	204	204	204	204	204	204
Need (Demand - Current Supply)	0	67	144	200	252	289
Water Management Strategies						
Water Conservation	4	13	20	25	30	34
Grayson County Water Supply Project (Sherman)	0	80	150	210	260	300
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	4	93	170	235	290	334
Reserve (Shortage)	23	26	26	35	38	45

**Table C-22
Benbrook**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	24,000	27,000	30,000	36,000	43,000	51,000
Projected Water Demand						
Municipal Demand	5,592	6,140	6,721	7,984	9,489	11,254
Total Projected Demand	5,592	6,140	6,721	7,984	9,489	11,254
Currently Available Water Supplies						
Trinity Aquifer	1,183	1,183	1,183	1,183	1,183	1,183
Tarrant Regional Water District (limited by treatment plant capacity)	4,176	5,055	5,055	5,055	5,055	5,055
Total Current Supplies	5,359	6,238	6,238	6,238	6,238	6,238
Need (Demand - Current Supply)	233	0	483	1,746	3,251	5,016
Water Management Strategies						
Water Conservation	233	422	548	725	945	1,218
3 MGD Plant Expansion (TRWD)		663	1,118	1,682	1,682	1,682
3 MGD Plant Expansion (TRWD)				522	1,682	1,682
3 MGD Plant Expansion (TRWD)					125	1,617
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	233	1,085	1,666	2,929	4,434	6,199
Reserve (Shortage)	0	1,183	1,183	1,183	1,183	1,183

Table C-23
Bethel-Ash WSC (Region C Only)

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Region C Population	2,025	2,474	2,917	3,371	3,925	4,625
Projected Water Demand						
Municipal Demand	163	194	222	253	290	342
Total Projected Region C Demand	163	194	222	253	290	342
Currently Available Water Supplies						
Carrizo-Wilcox Aquifer	480	480	480	480	480	480
Total Current Supplies	480	480	480	480	480	480
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Water Conservation	4	13	18	22	27	33
Supplemental wells	0	0	0	0	0	0
Total Water Management Strategies	4	13	18	22	27	33
Reserve (Shortage)	321	299	276	249	217	171

Table C-24
Bethesda Water Supply Corporation (Regions C and G)

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	29,620	37,309	45,332	53,999	64,640	77,546
Projected Water Demand						
Municipal Demand	4,281	5,265	6,297	7,440	8,833	10,597
Total Projected Water Demand	4,281	5,265	6,297	7,440	8,833	10,597
Currently Available Water Supplies						
Trinity Aquifer (Region C)	405	405	405	405	405	405
Trinity Aquifer (Region G)	2,035	2,035	2,035	2,035	1,858	1,858
Fort Worth (TRWD)	2,690	2,690	2,690	2,690	2,690	2,690
Total Current Supplies	5,130	5,130	5,130	5,130	4,953	4,953
Need (Demand - Current Supply)	0	135	1,167	2,310	3,880	5,644
Water Management Strategies						
Water Conservation	30	95	120	150	186	231
Additional Water from Fort Worth with Additional Pipeline	0	288	976	1,738	2,667	3,843
Water from Arlington (TRWD)	0	1,489	1,833	2,214	2,678	3,266
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	30	1,872	2,929	4,102	5,531	7,340
Reserve (Shortage)	879	1,737	1,762	1,792	1,651	1,696

**Table C-25
Blackland WSC (Regions C & D)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	4,316	5,831	7,150	8,578	10,284	12,302
Projected Water Demand						
Municipal Demand	483	699	842	999	1,197	1,433
Total Projected Water Demand	483	699	842	999	1,197	1,433
Currently Available Water Supplies						
North Texas Municipal Water District	476	569	595	634	687	765
Total Current Supplies	476	569	595	634	687	765
Need (Demand - Current Supply)	7	130	247	365	510	668
Water Management Strategies						
Water Conservation	7	28	43	55	69	87
Direct Connection and Additional Water from NTMWD	0	102	204	310	441	581
Total Water Management Strategies	7	130	247	365	510	668
Reserve (Shortage)	0	0	0	0	0	0

**Table C-26
Blooming Grove**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	897	897	897	897	897	897
Projected Water Demand						
Municipal Demand	161	157	155	152	150	150
Total Projected Water Demand	161	157	155	152	150	150
Currently Available Water Supplies						
Corsicana	161	157	146	138	131	124
Total Current Supplies	161	157	146	138	131	124
Need (Demand - Current Supply)	0	0	9	14	19	26
Water Management Strategies						
Water Conservation	2	5	6	11	12	13
Additional Water from Corsicana	0	0	3	3	7	13
Trinity Aquifer (New Well)	0	160	160	160	160	160
Total Water Management Strategies	2	165	169	174	179	186
Reserve (Shortage)	2	165	160	160	160	160

**Table C-27
Blue Mound**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	2,500	2,500	2,500	2,500	2,500	2,500
Projected Water Demand						
Municipal Demand	297	300	294	286	283	283
Total Projected Water Demand	297	300	294	286	283	283
Currently Available Water Supplies						
Trinity Aquifer	327	327	327	327	327	327
Total Current Supplies	327	327	327	327	327	327
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Water Conservation	4	12	16	17	18	19
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	4	12	16	17	18	19
Reserve (Shortage)	34	39	49	58	62	63

**Table C-28
Blue Ridge**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	2,000	4,000	7,000	11,000	16,000	18,000
Projected Water Demand						
Municipal Demand	305	627	1,090	1,700	2,473	2,782
Total Projected Water Demand	305	627	1,090	1,700	2,473	2,782
Currently Available Water Supplies						
Woodbine Aquifer	328	328	328	328	328	328
Total Current Supplies	328	328	328	328	328	328
Need (Demand - Current Supply)	0	299	762	1,372	2,145	2,454
Water Management Strategies						
Water Conservation	7	28	56	93	144	171
Direct Connection and Water from NTMWD	0	337	837	1,476	2,198	2,480
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	7	365	893	1,569	2,342	2,651
Reserve (Shortage)	30	66	131	197	197	197

Table C-29
Bolivar Water Supply Corporation

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	10,386	12,465	21,806	44,726	70,848	95,836
Projected Water Demand						
Bolivar WSC Municipal Demand	1,279	1,703	3,371	6,863	10,872	14,707
Sanger (Net of Groundwater)	759	1,571	2,392	2,933	3,328	3,490
Total Projected Demand	2,038	3,274	5,763	9,796	14,200	18,197
Currently Available Water Supplies						
Groundwater	1,548	1,548	1,548	1,548	1,548	1,548
Upper Trinity Regional Water District	794	720	1,120	1,660	2,023	2,328
Total Current Supplies	2,342	2,268	2,668	3,208	3,571	3,876
Need (Demand - Current Supply)	0	1,006	3,095	6,588	10,629	14,321
Water Management Strategies						
Water Conservation	20	207	396	688	1,031	1,371
Additional Water from UTRWD		1,084	3,098	6,457	10,310	13,819
Cooke County WSP		18	83	104	127	149
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	20	1,309	3,577	7,249	11,468	15,339
Reserve (Shortage)	324	303	482	661	839	1,018

Note: 2010 supply from UTRWD is for Sanger only. Bolivar WSC does not currently get other supplies from UTRWD, but will by 2020.

Table C-30
Bonham

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	11,516	12,603	16,000	22,000	30,000	37,000
Projected Water Demand						
Municipal Demand	2,348	2,527	3,172	4,337	5,881	7,253
Fannin County - Manufacturing	73	82	90	98	105	114
Total Projected Water Demand	2,421	2,609	3,262	4,435	5,986	7,367
Currently Available Water Supplies						
Lake Bonham	2,405	2,139	2,332	2,853	3,468	3,477
Total Current Supplies	2,405	2,139	2,332	2,853	3,468	3,477
Need (Demand - Current Supply)	16	470	930	1,582	2,518	3,890
Water Management Strategies						
Water Conservation	16	103	176	282	431	594
Fannin County Water Supply Project	0	367	754	1,300	2,087	3,296
Total Water Management Strategies	16	470	930	1,582	2,518	3,890
Reserve (Shortage)	0	0	0	0	0	0

**Table C-31
Boyd**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,500	2,000	2,500	3,000	3,500	3,500
Projected Water Demand						
Municipal Demand	215	278	339	397	459	459
Total Projected Demand	215	278	339	397	459	459
Currently Available Water Supplies						
Trinity Aquifer	150	150	150	150	150	150
Walnut Creek SUD (TRWD)	62	117	147	167	183	159
Total Current Supplies	212	267	297	317	333	309
Need (Demand - Current Supply)	3	11	42	80	126	150
Water Management Strategies						
Water Conservation	3	10	16	20	25	27
Additional Water from Walnut Ck. SUD		1	26	60	101	123
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	3	11	42	80	126	150
Reserve (Shortage)	0	0	0	0	0	0

**Table C-32
Brandon-Irene Water Supply Corporation (Region C Only)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Region C Population	300	327	355	385	419	460
Projected Water Demand						
Municipal Demand	37	39	41	43	46	51
Total Projected Region C Demand	37	39	41	43	46	51
Currently Available Water Supplies						
Aquilla WSD (Lake Aquilla, Region G)	37	39	41	43	46	51
Total Current Supplies	37	39	41	43	46	51
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Water Conservation	0	2	2	3	3	3
Total Water Management Strategies	0	2	2	3	3	3
Reserve (Shortage)	0	2	2	3	3	3

**Table C-33
Bridgeport**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	5,900	8,352	12,001	14,296	16,657	19,936
Projected Water Demand						
Municipal Demand	1,361	1,899	2,702	3,187	3,713	4,444
Total Projected Demand	1,361	1,899	2,702	3,187	3,713	4,444
Currently Available Water Supplies						
Tarrant Regional Water District (limited by treatment plant capacity)	1,337	1,700	1,700	1,700	1,700	1,700
Total Current Supplies	1,337	1,700	1,700	1,700	1,700	1,700
Need (Demand - Current Supply)	24	199	1,002	1,487	2,013	2,744
Water Management Strategies						
Water Conservation	24	107	188	252	324	425
Water Plant Expansions and more TRWD	0	92	814	1,235	1,689	2,319
Total Water Management Strategies	24	199	1,002	1,487	2,013	2,744
Reserve (Shortage)	0	0	0	0	0	0

**Table C-34
Bryson**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	542	559	570	570	570	570
Projected Water Demand						
Municipal Demand	96	97	96	94	94	94
Total Projected Demand	96	97	96	94	94	94
Currently Available Water Supplies						
Graham (through Fort Belknap WSC)	93	91	88	86	85	85
Total Current Supplies	93	91	88	86	85	85
Need (Demand - Current Supply)	3	6	8	8	9	9
Water Management Strategies						
Water Conservation	3	6	8	8	9	9
Total Water Management Strategies	3	6	8	8	9	9
Reserve (Shortage)	0	0	0	0	0	0

**Table C-35
Buena Vista-Bethel Special Utility District**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	3,858	5,049	6,447	8,035	9,771	11,661
Projected Water Demand						
Municipal Demand	1,387	1,810	2,311	2,880	3,502	4,180
Total Projected Demand	1,387	1,810	2,311	2,880	3,502	4,180
Currently Available Water Supplies						
Trinity Aquifer	344	344	344	344	344	344
Waxahachie (TRWD)	560	560	560	560	560	560
Total Current Supplies	904	904	904	904	904	904
Need (Demand - Current Supply)	483	906	1,407	1,976	2,598	3,276
Water Management Strategies						
Water Conservation	117	367	494	640	807	998
Overdraft Trinity Aquifer	366	0	0	0	0	0
Additional Water from Waxahachie and Additional Pipeline		539	913	1,336	1,791	2,278
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	483	906	1,407	1,976	2,598	3,276
Reserve (Shortage)	0	0	0	0	0	0

**Table C-36
Burlleson (Regions C and G)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	32,091	48,255	60,336	61,782	63,517	65,567
Projected Water Demand						
Municipal Demand	5,248	7,676	9,462	9,550	9,749	10,062
Total Projected Water Demand	5,248	7,676	9,462	9,550	9,749	10,062
Currently Available Water Supplies						
Fort Worth (TRWD)	5,235	7,042	7,377	6,443	5,759	5,183
Total Current Supplies	5,235	7,042	7,377	6,443	5,759	5,183
Need (Demand - Current Supply)	13	634	2,085	3,107	3,990	4,879
Water Management Strategies						
Water Conservation	13	34	50	64	82	104
Additional Water from Fort Worth	0	600	2,035	3,043	3,908	4,775
Total Water Management Strategies	13	634	2,085	3,107	3,990	4,879
Reserve (Shortage)	0	0	0	0	0	0

Table C-37
Caddo Basin Special Utility District (Regions C and D)

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	9,386	11,653	14,690	18,807	26,258	37,161
Projected Water Demand						
Municipal Demand	1,210	1,501	1,893	2,423	3,382	4,787
Total Projected Water Demand	1,210	1,501	1,893	2,423	3,382	4,787
Currently Available Water Supplies						
North Texas Municipal Water District	1,199	1,222	1,338	1,539	1,942	2,555
Total Current Supplies	1,199	1,222	1,338	1,539	1,942	2,555
Need (Demand - Current Supply)	11	279	555	884	1,440	2,232
Water Management Strategies						
Water Conservation	11	39	55	70	87	106
Additional Water from NTMWD	0	240	500	814	1,353	2,126
Total Water Management Strategies	11	279	555	884	1,440	2,232
Reserve (Shortage)	0	0	0	0	0	0

Table C-38
Carrollton

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	121,000	124,000	128,500	131,320	133,450	134,800
Projected Water Demand						
Municipal Demand	25,887	26,113	26,772	27,065	27,356	27,632
Total Projected Demand	25,887	26,113	26,772	27,065	27,356	27,632
Currently Available Water Supplies						
Trinity Aquifer	10	10	10	10	10	10
Dallas Water Utilities	23,806	19,612	19,203	18,225	16,995	15,094
Total Current Supplies	23,816	19,622	19,213	18,235	17,005	15,104
Need (Demand - Current Supply)	2,071	6,491	7,559	8,830	10,351	12,528
Water Management Strategies						
Water Conservation	1,048	1,732	2,127	2,394	2,652	2,911
Additional Water from DWU	1,033	4,769	5,442	6,446	7,709	9,627
Total Water Management Strategies	2,081	6,501	7,569	8,840	10,361	12,538
Reserve (Shortage)	10	10	10	10	10	10

**Table C-39
Cash Special Utility District (Region C Only)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Region C Population	638	860	1,053	1,260	1,505	1,792
Projected Water Demand						
Municipal Demand	82	111	136	162	194	231
Total Projected Region C Demand	82	111	136	162	194	231
Currently Available Water Supplies						
North Texas Municipal Water District	644	651	714	855	1,029	957
Total Current Supplies	644	651	714	855	1,029	957
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Water Conservation	2	5	8	10	12	15
Additional Water from NTMWD	2	149	296	491	763	835
Total Water Management Strategies	4	154	304	501	775	850
Available to Send to Region D	566	694	882	1,194	1,610	1,576
Reserve (Shortage)	0	0	0	0	0	0

Note: Cash SUD is also supplied from the Sabine River Authority (Lake Tawakoni) to meet part of Region D demands.

**Table C-40
Cedar Hill**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	46,255	66,728	78,085	81,622	81,622	81,622
Projected Water Demand						
Municipal Demand	10,104	14,351	16,706	17,280	17,280	17,280
Total Projected Demand	10,104	14,351	16,706	17,280	17,280	17,280
Currently Available Water Supplies						
Trinity Aquifer	275	275	275	275	275	275
Dallas Water Utilities	9,027	10,561	11,776	11,441	10,554	9,279
Total Current Supplies	9,302	10,836	12,051	11,716	10,829	9,554
Need (Demand - Current Supply)	802	3,515	4,655	5,564	6,451	7,726
Water Management Strategies						
Water Conservation	380	997	1,362	1,562	1,706	1,850
Additional Water from DWU	422	2,518	3,293	4,002	4,745	5,876
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	802	3,515	4,655	5,564	6,451	7,726
Reserve (Shortage)	0	0	0	0	0	0

**Table C-41
Celina**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	5,000	25,414	53,798	95,267	145,702	168,118
Projected Water Demand						
Municipal Demand	1,238	6,234	13,076	23,050	35,253	40,677
Total Projected Water Demand	1,238	6,234	13,076	23,050	35,253	40,677
Currently Available Water Supplies						
Trinity Aquifer	317	317	317	317	317	317
Woodbine Aquifer	236	236	236	236	236	236
Upper Trinity Regional Water District	723	1,517	2,338	2,800	2,800	2,800
Total Current Supplies	1,276	2,070	2,891	3,353	3,353	3,353
Need (Demand - Current Supply)	0	4,164	10,185	19,697	31,900	37,324
Water Management Strategies						
Water Conservation	37	317	791	1,593	2,732	3,497
Additional Water from UTRWD	0	2,403	6,500	13,259	24,373	29,082
Connection to NTMWD and Supply	0	1,500	3,000	5,000	5,000	5,000
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	37	4,220	10,291	19,852	32,105	37,579
Reserve (Shortage)	75	56	106	155	205	255

**Table C-42
Chatfield Water Supply Corporation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	4,200	6,000	7,800	9,799	11,718	14,075
Projected Water Demand						
Municipal Demand	428	726	935	1,153	1,378	1,655
Total Projected Water Demand	428	726	935	1,153	1,378	1,655
Currently Available Water Supplies						
Corsicana	428	726	878	1,047	1,201	1,372
Total Current Supplies	428	726	878	1,047	1,201	1,372
Need (Demand - Current Supply)	0	0	57	106	177	283
Water Management Strategies						
Water Conservation	6	30	49	65	83	105
Additional Water from Corsicana	0	0	8	41	94	178
Total Water Management Strategies	6	30	57	106	177	283
Reserve (Shortage)	6	30	0	0	0	0

**Table C-43
Chico**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,300	1,500	1,800	2,200	2,700	3,300
Projected Water Demand						
Municipal Demand	208	235	276	333	405	495
Total Projected Demand	208	235	276	333	405	495
Currently Available Water Supplies						
Trinity Aquifer	124	124	124	124	124	124
West Wise SUD (TRWD)	81	102	111	111	111	111
Total Current Supplies	205	226	235	235	235	235
Need (Demand - Current Supply)	3	9	41	98	170	260
Water Management Strategies						
Water Conservation	3	9	14	18	23	30
Additional Water from West Wise SUD			27	80	147	230
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	3	9	41	98	170	260
Reserve (Shortage)	0	0	0	0	0	0

**Table C-44
Cockrell Hill**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	4,782	4,947	5,028	5,067	5,086	5,095
Projected Water Demand						
Municipal Demand	653	687	681	670	667	668
Total Projected Demand	653	687	681	670	667	668
Currently Available Water Supplies						
Dallas Water Utilities	600	516	488	451	414	365
Total Current Supplies	600	516	488	451	414	365
Need (Demand - Current Supply)	53	171	193	219	253	303
Water Management Strategies						
Water Conservation	6	21	28	31	33	36
Additional Water from DWU	47	150	165	188	220	267
Total Water Management Strategies	53	171	193	219	253	303
Reserve (Shortage)	0	0	0	0	0	0

**Table C-45
College Mound Water Supply Corporation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	9,150	11,333	13,576	16,062	19,140	22,958
Projected Water Demand						
Municipal Demand	758	1,155	1,582	1,853	2,187	2,623
Total Projected Water Demand	758	1,155	1,582	1,853	2,187	2,623
Currently Available Water Supplies						
North Texas Municipal Water District (directly and through Terrell)	745	940	1,118	1,177	1,256	1,400
Total Current Supplies	745	940	1,118	1,177	1,256	1,400
Need (Demand - Current Supply)	13	215	464	676	931	1,223
Water Management Strategies						
Water Conservation	13	55	86	108	136	172
Additional Water from NTMWD	0	160	378	568	795	1,051
Total Water Management Strategies	13	215	464	676	931	1,223
Reserve (Shortage)	0	0	0	0	0	0

**Table C-46
Colleyville**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	24,500	28,000	28,000	28,000	28,000	28,000
Projected Water Demand						
Municipal Demand	8,123	9,190	9,127	9,096	9,064	9,064
Total Projected Water Demand	8,123	9,190	9,127	9,096	9,064	9,064
Currently Available Water Supplies						
Trinity Aquifer	799	799	799	799	799	799
Trinity River Authority (TRWD)	7,104	7,702	6,495	5,600	4,884	4,259
Total Current Supplies	7,903	8,501	7,294	6,399	5,683	5,058
Need (Demand - Current Supply)	220	689	1,833	2,697	3,381	4,006
Water Management Strategies						
Water Conservation	220	479	650	727	800	876
Additional Water from TRA	0	210	1,183	1,970	2,581	3,130
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	220	689	1,833	2,697	3,381	4,006
Reserve (Shortage)	0	0	0	0	0	0

**Table C-47
Collin County Irrigation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	2,995	2,995	2,995	2,995	2,995	2,995
Currently Available Water Supplies						
Direct Reuse (The Colony)	380	380	380	380	380	380
Direct Reuse (NTMWD)	1,847	1,847	1,847	1,847	1,847	1,847
Other Aquifer	21	21	21	21	21	21
Trinity Aquifer	545	545	545	545	545	545
DWU Sources	2,713	2,216	2,116	1,986	1,833	1,611
Local Supplies	408	408	408	408	408	408
Total Current Supplies	5,914	5,417	5,317	5,187	5,034	4,812
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Water Conservation	6	99	190	238	283	328
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	6	99	190	238	283	328
Reserve (Shortage)	2,925	2,521	2,512	2,430	2,322	2,145

**Table C-48
Collin County Livestock**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	884	884	884	884	884	884
Currently Available Water Supplies						
Livestock Local Supply	1,002	1,002	1,002	1,002	1,002	1,002
Other Aquifer	118	118	118	118	118	118
Total Current Supplies	1,120	1,120	1,120	1,120	1,120	1,120
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	236	236	236	236	236	236

**Table C-49
Collin County Manufacturing**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	3,607	4,137	4,654	5,170	5,633	6,115
Currently Available Water Supplies						
Woodbine Aquifer	327	327	327	327	327	327
North Texas Municipal Water District (through multiple suppliers)	3,280	3,101	3,059	3,076	3,047	3,090
Total Current Supplies	3,607	3,428	3,386	3,403	3,374	3,417
Need (Demand - Current Supply)	0	709	1,268	1,767	2,259	2,698
Water Management Strategies						
Water Conservation	0	6	72	108	119	130
Additional Water from NTMWD	0	703	1,196	1,659	2,140	2,568
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	0	709	1,268	1,767	2,259	2,698
Reserve (Shortage)	0	0	0	0	0	0

**Table C-50
Collin County Mining**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	341	341	341	341	341	341
Currently Available Water Supplies						
Local Supplies	195	195	195	195	195	195
North Texas Municipal Water District	146	119	103	93	84	78
Total Current Supplies	341	314	298	288	279	273
Need (Demand - Current Supply)	0	27	43	53	62	68
Water Management Strategies						
Additional Water from NTMWD	0	27	43	53	62	68
Total Water Management Strategies	0	27	43	53	62	68
Reserve (Shortage)	0	0	0	0	0	0

**Table C-51
Collin County Other**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	6,408	5,981	5,600	5,208	4,801	4,369
Projected Water Demand						
Municipal Demand	818	743	677	613	554	504
Total Projected Water Demand	818	743	677	613	554	504
Currently Available Water Supplies						
Trinity Aquifer	655	655	655	655	655	655
Woodbine Aquifer	505	505	505	505	505	505
North Texas Municipal Water District	403	302	239	194	159	135
Total Current Supplies	1,563	1,462	1,399	1,354	1,319	1,295
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Water Conservation	11	36	42	41	39	37
Additional Water from NTMWD	0	33	57	71	79	80
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	11	69	99	112	118	117
Reserve (Shortage)	756	788	821	853	883	908

**Table C-52
Collin County Steam Electric Power**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	771	715	1,000	1,200	1,600	2,000
Currently Available Water Supplies						
North Texas Municipal Water District	771	0	0	0	0	0
Total Current Supplies	771	0	0	0	0	0
Need (Demand - Current Supply)	0	715	1,000	1,200	1,600	2,000
Water Management Strategies						
Additional Water from NTMWD	0	715	1,000	1,200	1,600	2,000
Total Water Management Strategies	0	715	1,000	1,200	1,600	2,000
Reserve (Shortage)	0	0	0	0	0	0

**Table C-53
Collinsville**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	2,035	2,835	3,635	4,435	5,235	6,035
Projected Water Demand						
Municipal Demand	324	441	558	666	780	899
Total Projected Water Demand	324	441	558	666	780	899
Currently Available Water Supplies						
Trinity Aquifer	356	356	356	356	356	356
Total Current Supplies	356	356	356	356	356	356
Need (Demand - Current Supply)	0	85	202	310	424	543
Water Management Strategies						
Water Conservation	7	19	29	38	47	57
Grayson County Water Supply Project (Northwest WTP)	0	100	200	300	400	500
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	7	119	229	338	447	557
Reserve (Shortage)	39	34	27	28	23	14

**Table C-54
Combine**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	2,393	2,969	3,474	4,019	4,702	5,563
Projected Water Demand						
Municipal Demand	282	356	405	463	537	635
Total Projected Water Demand	282	356	405	463	537	635
Currently Available Water Supplies						
Combine WSC (DWU)	260	268	291	312	334	347
Total Current Supplies	260	268	291	312	334	347
Need (Demand - Current Supply)	22	88	114	151	203	288
Water Management Strategies						
Water Conservation	4	15	23	28	34	43
Additional Combine WSC (DWU)	18	73	91	123	169	245
Total Water Management Strategies	22	88	114	151	203	288
Reserve (Shortage)	0	0	0	0	0	0

**Table C-55
Combine Water Supply Corporation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population						
Outside Combine	4,122	5,737	7,202	8,795	10,785	13,285
In Combine	2,393	2,969	3,474	4,019	4,702	5,563
Total Population Served	6,515	8,706	10,676	12,814	15,487	18,848
Projected Water Demand						
Outside Combine	462	688	855	1,035	1,268	1,562
In Combine	282	356	405	463	537	635
Total Projected Demand	744	1,044	1,260	1,498	1,805	2,197
Currently Available Water Supplies						
Dallas Water Utilities	684	785	904	1,009	1,122	1,201
Total Current Supplies	684	785	904	1,009	1,122	1,201
Need (Demand - Current Supply)	60	259	356	489	683	996
Water Management Strategies						
Water Conservation	12	45	69	88	111	143
Additional Water from DWU	48	214	287	401	572	853
Total Water Management Strategies	60	259	356	489	683	996
Reserve (Shortage)	0	0	0	0	0	0

**Table C-56
Community Water Company (Region C Only)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population						
Ellis County	1,134	1,414	1,690	1,972	2,288	2,636
Navarro County	1,041	1,301	1,626	2,032	2,541	3,176
Total Region C Population Served	2,175	2,715	3,316	4,004	4,829	5,812
Projected Water Demand						
Ellis County	116	171	201	230	264	304
Navarro County	106	157	193	237	293	366
Total Region C Projected Demand	222	328	394	467	557	670
Currently Available Water Supplies						
Ennis (TRA - Lake Bardwell)	100	119	112	101	90	80
Corsicana (TRA - Navarro Mills Lake)	106	157	181	215	255	303
Total Current Supplies	206	276	293	316	345	383
Need (Demand - Current Supply)	16	52	101	151	212	287
Water Management Strategies						
Water Conservation	3	13	21	27	34	43
Additional Water from Ennis (Ellis County Water Supply Project)	13	39	78	116	158	204
Additional Water from Corsicana	0	0	2	8	20	40
Total Water Management Strategies	16	52	101	151	212	287
Reserve (Shortage)	0	0	0	0	0	0

**Table C-57
Community Water Supply Corporation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	3,536	3,588	3,642	3,699	3,767	3,847
Projected Water Demand						
Municipal Demand	444	438	433	422	426	435
Total Projected Water Demand	444	438	433	422	426	435
Currently Available Water Supplies						
Tarrant Regional Water District	437	402	338	285	252	224
Total Current Supplies	437	402	338	285	252	224
Need (Demand - Current Supply)	7	36	95	137	174	211
Water Management Strategies						
Water Conservation	7	25	27	29	31	33
Additional Water from TRWD	0	11	68	108	143	178
Total Water Management Strategies	7	36	95	137	174	211
Reserve (Shortage)	0	0	0	0	0	0

**Table C-58
Cooke County Irrigation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	444	444	444	444	444	444
Currently Available Water Supplies						
Trinity Aquifer	172	172	172	172	172	172
Other Aquifer	100	100	100	100	100	100
Direct Reuse	9	9	9	9	9	9
Local Supplies	23	23	23	23	23	23
Total Current Supplies	304	304	304	304	304	304
Need (Demand - Current Supply)	140	140	140	140	140	140
Water Management Strategies						
Water Conservation	0	6	11	15	18	22
Overdraft Trinity Aquifer	140	0	0	0	0	0
Direct Reuse	0	70	70	70	70	70
Cooke County Water Supply Project	0	70	70	70	70	70
Supplemental wells	0	0	0	0	0	0
Total Water Management Strategies	140	146	151	155	158	162
Reserve (Shortage)	0	6	11	15	18	22

**Table C-59
Cooke County Livestock**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	1,898	1,898	1,898	1,898	1,898	1,898
Currently Available Water Supplies						
Trinity Aquifer	711	711	711	711	711	711
Local Supplies	1,187	1,187	1,187	1,187	1,187	1,187
Total Current Supplies	1,898	1,898	1,898	1,898	1,898	1,898
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	0	0	0	0	0	0

**Table C-60
Cooke County Manufacturing**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	273	306	335	364	389	421
Currently Available Water Supplies						
Trinity Aquifer	50	50	50	50	50	50
Gainesville	215	194	158	152	137	130
Total Current Supplies	265	244	208	202	187	180
Need (Demand - Current Supply)	8	62	127	162	202	241
Water Management Strategies						
Water Conservation	0	1	7	10	11	12
Cooke County Water Supply Project	8	61	60	91	128	164
Lake Muenster	0	0	60	61	63	65
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	8	62	127	162	202	241
Reserve (Shortage)	0	0	0	0	0	0

**Table C-61
Cooke County Mining**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	361	484	421	428	435	441
Currently Available Water Supplies						
Trinity Aquifer	49	49	49	49	49	49
Local Supplies	237	237	237	237	237	237
Total Current Supplies	286	286	286	286	286	286
Need (Demand - Current Supply)	75	198	135	142	149	155
Water Management Strategies						
Overdraft Trinity Aquifer (existing wells)	75	0	0	0	0	0
Direct Reuse	0	99	67	71	74	77
Cooke County Water Supply Project	0	99	68	71	75	78
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	75	198	135	142	149	155
Reserve (Shortage)	0	0	0	0	0	0

**Table C-62
Cooke County Other**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	9,487	10,181	10,533	10,590	10,586	10,586
Projected Water Demand						
Municipal Demand	1,074	1,232	1,251	1,234	1,221	1,222
Total Projected Water Demand	1,074	1,232	1,251	1,234	1,221	1,222
Currently Available Water Supplies						
Trinity Aquifer	883	883	883	883	883	883
Woodbine Aquifer	154	154	154	154	154	154
Other Aquifer	137	137	137	137	137	137
Total Current Supplies	1,174	1,174	1,174	1,174	1,174	1,174
Need (Demand - Current Supply)	0	58	77	60	47	48
Water Management Strategies						
Water Conservation	13	47	65	70	74	78
Cooke County Water Supply Project	0	125	125	125	125	125
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	13	172	190	195	199	203
Reserve (Shortage)	113	114	113	135	152	155

**Table C-63
Cooke County Steam Electric Power**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	0	0	0	0	0	0
Currently Available Water Supplies						
None	0	0	0	0	0	0
Total Current Supplies	0	0	0	0	0	0
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
None	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	0	0	0	0	0	0

**Table C-64
Coppell**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	40,415	40,577	40,715	40,832	40,932	41,016
Projected Water Demand						
Municipal Demand	11,544	11,500	11,447	11,434	11,417	11,440
Total Projected Demand	11,544	11,500	11,447	11,434	11,417	11,440
Currently Available Water Supplies						
Dallas Water Utilities	10,615	8,637	8,211	7,699	7,093	6,249
Total Current Supplies	10,615	8,637	8,211	7,699	7,093	6,249
Need (Demand - Current Supply)	929	2,863	3,236	3,735	4,324	5,191
Water Management Strategies						
Water Conservation	515	809	956	1,063	1,157	1,255
Additional Water from DWU	414	2,054	2,280	2,672	3,167	3,936
Total Water Management Strategies	929	2,863	3,236	3,735	4,324	5,191
Reserve (Shortage)	0	0	0	0	0	0

**Table C-65
Copper Canyon**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,300	1,600	1,900	2,200	2,500	2,800
Projected Water Demand						
Municipal Demand	357	432	507	582	661	740
Total Projected Water Demand	357	432	507	582	661	740
Currently Available Water Supplies						
Bartonville WSC (UTRWD and groundwater)	351	223	207	201	196	197
Total Current Supplies	351	223	207	201	196	197
Need (Demand - Current Supply)	6	209	300	381	465	543
Water Management Strategies						
Water Conservation	10	20	30	40	51	63
Additional Water from Bartonville WSC	0	189	281	362	435	512
Total Water Management Strategies	10	209	311	402	486	575
Reserve (Shortage)	4	0	11	21	21	32

**Table C-66
Corinth**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	21,032	24,000	26,000	28,000	30,000	31,500
Projected Water Demand						
Municipal Demand	4,665	5,269	5,679	6,085	6,519	6,845
Total Projected Demand	4,665	5,269	5,679	6,085	6,519	6,845
Currently Available Water Supplies						
Trinity Aquifer	280	280	280	280	280	280
Upper Trinity Regional Water District	4,204	1,886	1,379	1,147	987	909
Total Current Supplies	4,484	2,166	1,659	1,427	1,267	1,189
Need (Demand - Current Supply)	181	3,103	4,020	4,658	5,252	5,656
Water Management Strategies						
Water Conservation	211	368	474	565	659	750
Additional Water from UTRWD	0	3,015	3,826	4,373	4,873	5,186
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	211	3,383	4,300	4,938	5,532	5,936
Reserve (Shortage)	30	280	280	280	280	280

**Table C-67
Corsicana**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population (in City)	27,132	28,340	29,598	30,964	32,594	34,597
Projected Water Demand						
Municipal Demand	6,200	6,381	6,564	6,763	7,083	7,518
Manufacturing and Customers	4,665	14,003	20,129	20,841	21,667	22,694
Total Projected Demand	10,865	20,384	26,693	27,604	28,750	30,212
Currently Available Water Supplies						
Lake Halbert/Richland-Chambers	2,242	2,242	2,242	2,242	2,242	2,242
Navarro Mills Lake	11,210	11,210	11,210	11,210	11,210	11,210
Total Current Supplies	13,452	13,452	13,452	13,452	13,452	13,452
Need (Demand - Current Supply)	0	6,932	13,241	14,152	15,298	16,760
Water Management Strategies						
Water Conservation	147	382	531	868	1,105	1,309
Pump Station from Richland-Chambers and New WTP		2,242	2,242	2,242	2,242	2,242
Raw Water for Power Plant		8,000	8,000	8,000	8,000	8,000
Raw Water for Second Power Plant			5,440	5,440	5,440	5,440
Purchase Water from TRWD		Included in Other Numbers.				
8 mgd WTP Expansion				4,484	4,484	4,484
Total Water Management Strategies	147	10,624	16,213	21,034	21,271	21,475
Reserve (Shortage)	2,734	3,692	2,972	6,882	5,973	4,715

Note: See Appendix H for details on demand.

**Table C-68
Crandall**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	4,373	5,933	7,537	9,314	11,515	14,245
Projected Water Demand						
Municipal Demand	730	1,004	1,258	1,544	1,909	2,362
Total Projected Demand	730	1,004	1,258	1,544	1,909	2,362
Currently Available Water Supplies						
North Texas Municipal Water District	715	545	474	426	385	358
Total Current Supplies	715	545	474	426	385	358
Need (Demand - Current Supply)	15	459	784	1,118	1,524	2,004
Water Management Strategies						
Water Conservation	15	72	119	160	215	286
Additional water from NTMWD	0	65	121	356	388	408
Dallas Water Utilities (thru Seagoville)	0	322	544	602	921	1,310
Total Water Management Strategies	15	459	784	1,118	1,524	2,004
Reserve (Shortage)	0	0	0	0	0	0

**Table C-69
Cresson (Region C Only)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Region C Population	403	492	601	734	896	1,093
Projected Water Demand						
Region C Municipal Demand	56	68	83	101	123	151
Total Projected Region C Demand	56	68	83	101	123	151
Currently Available Water Supplies						
Bluebonnet Hills WSC (Trinity Aquifer)	166	166	166	166	166	166
Total Current Supplies	166	166	166	166	166	166
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Region C Water Conservation	1	3	4	5	7	9
Total Water Management Strategies	1	3	4	5	7	9
Reserve (Shortage)	111	101	87	70	50	24

**Table C-70
Cross Roads**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,500	3,800	3,800	3,800	3,800	3,800
Projected Water Demand						
Municipal Demand	575	1,234	1,230	1,230	1,230	1,230
Total Projected Demand	575	1,234	1,230	1,230	1,230	1,230
Currently Available Water Supplies						
Mustang SUD (UTRWD & Groundwater)	532	579	498	459	426	410
Total Current Supplies	532	579	498	459	426	410
Need (Demand - Current Supply)	43	655	732	771	804	820
Water Management Strategies						
Water Conservation	19	64	76	86	97	107
Additional Water from Mustang SUD	24	591	682	736	784	815
Total Water Management Strategies	43	655	758	822	881	922
Reserve (Shortage)	0	0	26	51	77	102

**Table C-71
Crowley**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	11,023	13,473	17,147	23,271	28,170	30,620
Projected Water Demand						
Municipal Demand	1,667	1,977	2,478	3,310	3,976	4,322
Total Projected Water Demand	1,667	1,977	2,478	3,310	3,976	4,322
Currently Available Water Supplies						
Trinity Aquifer	429	429	429	429	429	429
Fort Worth (TRWD)	1,218	1,420	1,597	1,944	2,095	2,005
Total Current Supplies	1,647	1,849	2,026	2,373	2,524	2,434
Need (Demand - Current Supply)	20	128	452	937	1,452	1,888
Water Management Strategies						
Water Conservation	20	67	109	160	207	239
Additional Water from TRWD	0	61	343	777	1,245	1,649
Supplemental wells	0	0	0	0	0	0
Total Water Management Strategies	20	128	452	937	1,452	1,888
Reserve (Shortage)	0	0	0	0	0	0

**Table C-72
Culleoka Water Supply Corporation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	8,534	11,264	13,682	16,161	18,754	21,515
Projected Water Demand						
Municipal Demand	908	1,350	1,625	1,883	2,185	2,506
Total Projected Water Demand	908	1,350	1,625	1,883	2,185	2,506
Currently Available Water Supplies						
Princeton (NTMWD)	890	1,099	1,149	1,196	1,255	1,338
Total Current Supplies	890	1,099	1,149	1,196	1,255	1,338
Need (Demand - Current Supply)	18	251	476	687	930	1,168
Water Management Strategies						
Water Conservation	18	74	102	126	154	185
Additional Water from Princeton	0	177	374	561	776	983
Total Water Management Strategies	18	251	476	687	930	1,168
Reserve (Shortage)	0	0	0	0	0	0

**Table C-73
Dallas**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population (in City)	1,312,324	1,415,000	1,495,000	1,598,223	1,764,681	2,058,767
Projected Water Demand						
Municipal Demand	374,848	399,421	416,979	442,190	486,268	567,304
Manufacturing and Customers	231,782	289,272	315,533	344,721	376,851	426,864
Total Projected Demand	606,630	688,693	732,512	786,911	863,119	994,168
Currently Available Water Supplies						
Elm Fork System	184,801	183,733	182,665	181,597	180,529	179,459
Grapevine Lake	7,583	7,367	7,150	6,933	6,717	6,500
Lake Ray Hubbard	57,427	56,113	54,800	53,487	52,173	50,860
Lake Ray Hubbard Temporary	49,800	0	0	0	0	0
Lake Tawakoni	183,619	182,251	180,882	179,515	178,146	176,777
Lake Fork	40,581	41,949	43,318	44,685	46,054	47,423
Direct Reuse (Golf courses)	561	561	561	561	561	561
White Rock Lake (Irrigation Only)	3,500	3,200	2,900	2,600	2,300	2,000
Return Flow*	29,961	42,046	53,147	60,646	69,861	85,000
Total Current Supplies	557,833	517,220	525,423	530,024	536,341	548,580
Need (Demand - Current Supply)	48,797	171,473	207,089	256,887	326,778	445,588
Water Management Strategies						
Conservation (DWU Retail)	18,432	26,522	28,154	34,134	41,528	52,987
Conservation (Wholesale Customers)	7,211	16,032	25,739	31,242	36,956	44,627
Additional Dry Year Supply	25,000	0	0	0	0	0
Lk. Ray Hubbard Operational Efficiency**	0	153,187	154,500	155,813	157,127	158,440
Main Stem Trinity Pump Station	0	31,612	35,872	39,459	40,244	41,029
Additional Direct Reuse	0	20,458	20,458	20,458	20,458	20,458
Additional Pipeline from Lake Tawakoni		77,994	75,777	73,563	71,346	69,128
Connect Lake Palestine		111,776	110,670	109,563	108,455	107,347
Wright Patman Lake				112,100	112,100	112,100
Fastrill Replacement Strategy						112,100
Southwest Treated Water Pipe		0	0	0	0	0
WTP Expansions			0	0	0	0
Total Water Management Strategies	50,643	284,394	296,670	420,519	431,087	559,776
Reserve (Shortage)	1,846	112,921	89,581	163,632	104,309	114,188

Notes: See Appendix H for details on demand. * Returns flows are return flows into Lake Lewisville. ** Lake Ray Hubbard Operational Efficiency is not considered to be a firm yield supply and is not included in the totals.

**Table C-74
Dallas County Irrigation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	13,087	13,087	13,087	13,087	13,087	13,087
Currently Available Water Supplies						
DWU Sources	8,063	6,585	6,290	5,904	5,447	4,790
Local Supplies	791	791	791	791	791	791
Indirect Reuse	8,000	8,000	8,000	8,000	8,000	8,000
Direct Reuse	561	561	561	561	561	561
TRA Direct Reuse	125	125	125	125	125	125
Joe Pool Lake (Grand Prairie)	300	300	300	300	300	300
Other Aquifer	80	80	80	80	80	80
Total Current Supplies	17,920	16,442	16,147	15,761	15,304	14,647
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Water Conservation	26	429	825	1,032	1,227	1,422
Additional Water from DWU	705	2,183	2,478	2,864	3,321	3,978
Additional TRA Las Colinas	0	7,000	7,000	7,000	7,000	7,000
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	731	9,612	10,303	10,896	11,548	12,400
Reserve (Shortage)	5,564	12,967	13,363	13,570	13,765	13,960

**Table C-75
Dallas County Livestock**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	482	482	482	482	482	482
Currently Available Water Supplies						
Local supplies	712	712	712	712	712	712
Woodbine Aquifer	703	703	703	703	703	703
Total Current Supplies	1,415	1,415	1,415	1,415	1,415	1,415
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	933	933	933	933	933	933

**Table C-76
Dallas County Manufacturing**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	34,115	37,791	41,148	44,214	46,703	46,983
Currently Available Water Supplies						
Dallas Water Utilities	22,901	20,719	21,546	21,734	21,180	18,736
North Texas Municipal Water District	6,482	5,844	5,527	5,336	5,097	4,765
Irving (Lake Chapman)	2,047	2,267	2,469	2,653	2,802	2,819
Direct Reuse	20	20	20	20	20	20
Trinity Aquifer	890	890	890	890	890	890
Woodbine Aquifer	1,228	1,228	1,228	1,228	1,228	1,228
Total Current Supplies	33,568	30,968	31,680	31,861	31,217	28,458
Need (Demand - Current Supply)	547	6,823	9,468	12,353	15,486	18,525
Water Management Strategies						
Water Conservation	0	68	781	1,135	1,212	1,258
Additional Water from DWU	2,003	6,868	8,492	10,542	12,913	15,562
Additional Water from NTMWD	0	1,336	2,291	3,065	3,777	4,162
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	2,003	8,272	11,564	14,742	17,902	20,982
Reserve (Shortage)	1,456	1,449	2,096	2,389	2,416	2,457

**Table C-77
Dallas County Mining**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	2,980	3,040	3,030	3,030	3,030	3,030
Currently Available Water Supplies						
DWU Sources	274	228	217	204	188	166
Local Supplies	1,525	1,525	1,525	1,525	1,525	1,525
Trinity Aquifer	382	382	382	382	382	382
Woodbine Aquifer	323	323	323	323	323	323
Other Aquifer	513	513	513	513	513	513
Total Current Supplies	3,017	2,971	2,960	2,947	2,931	2,909
Need (Demand - Current Supply)	0	69	70	83	99	121
Water Management Strategies						
Additional Water from DWU	0	69	70	83	99	121
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	0	69	70	83	99	121
Reserve (Shortage)	37	0	0	0	0	0

**Table C-78
Dallas County Other**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,474	1,143	887	687	533	412
Projected Water Demand						
Municipal Demand	190	146	110	81	60	47
Total Projected Water Demand	190	146	110	81	60	47
Currently Available Water Supplies						
Trinity Aquifer	150	150	150	150	150	150
Woodbine Aquifer	59	59	59	59	59	59
Dallas Water Utilities	87	55	39	27	19	13
Total Current Supplies	296	264	248	236	228	222
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Water Conservation	1	5	5	5	4	3
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	1	5	5	5	4	3
Reserve (Shortage)	107	123	143	160	172	178

**Table C-79
Dallas County Steam Electric Power**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	3,367	4,290	11,918	12,000	12,000	12,000
Currently Available Water Supplies						
Dallas Water Utilities	3,096	3,222	3,587	3,367	3,106	2,731
North Texas Municipal Water District	67	70	168	152	138	128
Mountain Creek Lake	6,400	6,400	6,400	6,400	6,400	6,400
Run-of-River	368	368	368	368	368	368
Total Current Supplies	9,931	10,060	10,523	10,287	10,012	9,627
Need (Demand - Current Supply)	0	0	1,395	1,713	1,988	2,373
Water Management Strategies						
Additional Water from DWU	271	1,068	1,413	1,633	1,894	2,269
Additional Water from NTMWD	0	16	70	88	102	112
Direct Reuse (TRA)	0	0	6,760	6,760	6,760	6,760
Total Water Management Strategies	271	1,084	8,243	8,481	8,756	8,756
Reserve (Shortage)	6,835	6,854	6,848	6,768	6,768	6,383

**Table C-80
Dallas County Water Control and Improvement District Number 1**

See Balch Springs (Table C-16). Dallas County WCID #6 supplies all of Balch Springs and has no customers outside of Balch Springs.

**Table C-81
Dalworthington Gardens**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	2,467	2,650	2,771	2,850	2,902	2,935
Projected Water Demand						
Municipal Demand	771	816	847	862	874	884
Total Projected Water Demand	771	816	847	862	874	884
Currently Available Water Supplies						
Trinity Aquifer	266	266	266	266	266	266
Fort Worth (TRWD)	500	505	453	402	359	318
Total Current Supplies	766	771	719	668	625	584
Need (Demand - Current Supply)	5	45	128	194	249	300
Water Management Strategies						
Water Conservation	5	36	49	58	66	74
Additional Water from Fort Worth	0	9	79	136	183	226
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	5	45	128	194	249	300
Reserve (Shortage)	0	0	0	0	0	0

**Table C-82
Danville Water Supply Corporation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	4,570	6,315	7,860	9,444	11,101	12,865
Projected Water Demand						
Municipal Demand	845	1,153	1,417	1,693	1,990	2,306
Total Projected Water Demand	845	1,153	1,417	1,693	1,990	2,306
Currently Available Water Supplies						
McKinney (NTMWD)	834	938	1,002	1,075	1,143	1,231
Total Current Supplies	834	938	1,002	1,075	1,143	1,231
Need (Demand - Current Supply)	11	215	415	618	847	1,075
Water Management Strategies						
Water Conservation	11	72	108	143	184	232
Additional Water from McKinney	0	143	307	475	663	843
Total Water Management Strategies	11	215	415	618	847	1,075
Reserve (Shortage)	0	0	0	0	0	0

**Table C-83
Dawson**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	909	971	1,036	1,106	1,190	1,293
Projected Water Demand						
Municipal Demand	177	185	195	204	219	238
Total Projected Water Demand	177	185	195	204	219	238
Currently Available Water Supplies						
Corsicana	177	185	183	185	191	197
Total Current Supplies	177	185	183	185	191	197
Need (Demand - Current Supply)	0	0	12	19	28	41
Water Management Strategies						
Water Conservation	2	5	7	13	16	19
Additional Water from Corsicana	0	0	0	0	14	31
New Water Treatment Plant	0	56	56	56	56	56
Total Water Management Strategies	2	61	63	69	86	106
Reserve (Shortage)	2	61	51	50	58	65

**Table C-84
Decatur**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	6,804	8,508	11,738	15,253	19,751	23,225
Projected Water Demand						
Municipal Demand	1,639	2,011	2,748	3,537	4,580	5,385
Total Projected Water Demand	1,639	2,011	2,748	3,537	4,580	5,385
Currently Available Water Supplies						
Wise Co. Water Supply District (TRWD)	1,614	1,754	1,754	1,754	1,754	1,754
Total Current Supplies	1,614	1,754	1,754	1,754	1,754	1,754
Need (Demand - Current Supply)	25	257	994	1,783	2,826	3,631
Water Management Strategies						
Water Conservation	25	108	189	278	398	514
Additional Water from Wise Co. WSD		149	805	1,505	2,428	3,117
Total Water Management Strategies	25	257	994	1,783	2,826	3,631
Reserve (Shortage)	0	0	0	0	0	0

**Table C-85
Denison**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population (in City)	25,000	28,000	30,000	31,000	32,000	33,000
Projected Water Demand						
Municipal Demand	5,489	6,053	6,385	6,493	6,667	6,875
Manufacturing and Customers	1,417	1,480	1,516	1,559	1,612	1,686
Total Projected Demand	6,906	7,533	7,901	8,052	8,279	8,561
Currently Available Water Supplies						
Lake Randell	1,400	1,400	1,400	1,400	1,400	1,400
Lake Texoma	5,791	5,791	5,791	5,791	5,791	5,791
Trinity Aquifer	157	157	157	157	157	157
Woodbine Aquifer	155	155	155	155	155	155
Total Current Supplies	7,503	7,503	7,503	7,503	7,503	7,503
Need (Demand - Current Supply)	0	30	398	549	776	1,058
Water Management Strategies						
Water Conservation	43	145	409	535	605	681
2 MGD WTP Expansion and more Texoma	0	0	0	1,121	1,121	1,121
Infrastructure Improvements	0	0	0	0	0	0
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	43	145	409	1,656	1,726	1,802
Reserve (Shortage)	640	115	11	1,107	950	744

**Table C-86
Denton**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population (in City)	120,726	173,980	229,964	295,000	363,586	498,488
Projected Water Demand						
Municipal Demand	24,612	34,884	45,594	58,158	71,679	98,275
Manufacturing and Customers*	5,595	1,703	1,879	2,056	2,224	2,391
Total Projected Demand	30,207	36,587	47,473	60,214	73,903	100,666
Currently Available Water Supplies						
Lake Lewisville	7,918	7,817	7,715	7,613	7,512	7,410
Lake Ray Roberts	18,980	18,720	18,460	18,200	17,940	17,680
Direct Reuse	1,233	2,242	2,690	3,251	3,924	4,708
Indirect Reuse	1,682	8,861	11,557	12,907	12,726	12,545
Dallas Water Utilities	0	0	5,310	12,883	20,694	33,332
Subtotal	29,813	37,640	45,732	54,854	62,796	75,675
Total Current Supplies (limited by treatment capacity)	29,813	34,191	34,639	35,200	35,873	36,657
Need (Demand - Current Supply)	394	2,396	12,834	25,014	38,030	64,009
Water Management Strategies						
Water Conservation	394	1,893	3,305	4,820	6,564	9,800
20 MGD Plant Expansion		503	9,529	11,200	11,200	11,200
30 MGD Plant Expansion			0	8,994	16,800	16,800
20 MGD Plant Expansion				0	3,466	11,200
30 MGD Plant Expansion					0	15,009
25 MGD Plant Expansion						0
25 MGD Plant Expansion						0
Total Water Management Strategies	394	2,396	12,834	25,014	38,030	64,009
Reserve (Shortage)	0	0	0	0	0	0

* Includes UTRWD in 2010 only and Denton County non-municipal in all years

Table C-87
Denton County Fresh Water Supply District Number 1A

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	3,092	4,952	6,701	8,501	10,328	12,240
Projected Water Demand						
Municipal Demand	991	1,581	2,132	2,704	3,286	3,894
Total Projected Demand	991	1,581	2,132	2,704	3,286	3,894
Currently Available Water Supplies						
Upper Trinity Regional Water District	871	379	347	342	333	347
Lewisville (DWU)	91	392	505	601	673	702
Total Current Supplies	962	771	852	943	1,006	1,049
Need (Demand - Current Supply)	29	810	1,280	1,761	2,280	2,845
Water Management Strategies						
Water Conservation	47	133	175	245	327	420
Additional Water from UTRWD	0	591	964	1,306	1,650	1,981
Additional Water from Lewisville (DWU)	0	86	141	210	303	444
Total Water Management Strategies	47	810	1,280	1,761	2,280	2,845
Reserve (Shortage)	18	0	0	0	0	0

Table C-88
Denton County Irrigation

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	2,108	2,108	2,108	2,108	2,108	2,108
Currently Available Water Supplies						
Direct Reuse (UTRWD)	897	897	897	897	897	897
Direct Reuse (Denton)	401	401	401	401	401	401
Direct Reuse (Trophy Club MUD #1)	800	800	800	800	800	800
Dallas Water Utilities	2,207	1,802	1,722	1,616	1,491	1,311
Woodbine Aquifer	1,337	1,337	1,337	1,337	1,337	1,337
Total Current Supplies	5,642	5,237	5,157	5,051	4,926	4,746
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Additional Groundwater	200	200	200	200	200	200
TRA Direct Reuse	0	3,750	3,750	3,750	3,750	3,750
Additional UTRWD Direct Reuse			560	1,121	2,240	2,240
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	200	3,950	4,510	5,071	6,190	6,190
Reserve (Shortage)	3,734	7,079	7,559	8,014	9,008	8,828

**Table C-89
Denton County Livestock**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	1,235	1,235	1,235	1,235	1,235	1,235
Currently Available Water Supplies						
Local Supplies	935	935	935	935	935	935
Trinity Aquifer	246	246	246	246	246	246
Woodbine Aquifer	531	531	531	531	531	531
Total Current Supplies	1,712	1,712	1,712	1,712	1,712	1,712
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	477	477	477	477	477	477

**Table C-90
Denton County Manufacturing**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	1,068	1,239	1,408	1,579	1,731	1,880
Currently Available Water Supplies						
Upper Trinity Regional Water District	175	108	70	52	45	44
Denton (Lake Ray Roberts)	335	368	326	293	267	217
Denton (Lake Lewisville)	140	153	136	123	112	91
Dallas Water Utilities	393	373	404	426	430	411
Trinity Aquifer	59	59	59	59	59	59
North Texas Municipal Water District	53	50	49	50	50	50
Total Current Supplies	1,155	1,111	1,044	1,003	963	872
Need (Demand - Current Supply)	0	128	364	576	768	1,008
Water Management Strategies						
Water Conservation	0	2	29	44	49	53
Additional Water from UTRWD	4	193	218	226	249	285
Additional Water from DWU	34	123	159	206	262	341
Additional Water from NTMWD	0	12	21	29	37	44
Additional Water from Denton	6	37	171	295	401	538
Additional Groundwater	200	200	200	200	200	200
Supplemental wells	0	0	0	0	0	0
Total Water Management Strategies	244	567	798	1,000	1,198	1,461
Reserve (Shortage)	331	439	434	424	430	453

**Table C-91
Denton County Mining**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	1,571	751	751	751	751	751
Currently Available Water Supplies						
Local Supplies	2,019	2,019	2,019	2,019	2,019	2,019
Upper Trinity Regional Water District (through multiple suppliers)	537	94	64	50	40	35
Trinity Aquifer	1,571	1,571	1,571	1,571	1,571	1,571
Total Current Supplies	4,127	3,684	3,654	3,640	3,630	3,625
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Additional Water from UTRWD	13	169	199	213	223	228
Additional Groundwater	200	200	200	200	200	200
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	213	369	399	413	423	428
Reserve (Shortage)	2,769	3,302	3,302	3,302	3,302	3,302

**Table C-92
Denton County Other**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	42,742	56,446	65,410	73,718	81,794	90,112
Projected Water Demand						
Municipal Demand	8,905	11,571	13,262	14,863	16,492	18,169
Total Projected Water Demand	8,905	11,571	13,262	14,863	16,492	18,169
Currently Available Water Supplies						
Fort Worth (TRWD)	439	531	517	501	487	468
Upper Trinity Regional Water District	5,963	3,094	2,545	2,308	2,122	2,106
Other Aquifer	5	5	5	5	5	5
Trinity Aquifer	2,550	2,550	2,550	2,550	2,550	2,550
Woodbine Aquifer	825	825	825	825	825	825
Total Current Supplies	9,782	7,005	6,442	6,189	5,989	5,954
Need (Demand - Current Supply)	0	4,566	6,820	8,674	10,503	12,215
Water Management Strategies						
Water Conservation	113	378	543	661	788	929
Additional Water from Fort Worth	6	48	146	242	338	440
Additional Water from UTRWD	34	5,171	7,396	9,272	11,112	12,816
Additional Groundwater	200	200	200	200	200	200
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	353	5,797	8,285	10,375	12,438	14,385
Reserve (Shortage)	1,230	1,231	1,465	1,701	1,935	2,170

**Table C-93
Denton County Steam Electric Power**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	644	744	844	944	1,044	1,144
Currently Available Water Supplies						
Direct Reuse (Denton)	1,233	2,242	2,690	3,251	3,924	4,708
Total Current Supplies	1,233	2,242	2,690	3,251	3,924	4,708
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Groundwater	200	200	200	200	200	200
Total Water Management Strategies	200	200	200	200	200	200
Reserve (Shortage)	789	1,698	2,046	2,507	3,080	3,764

**Table C-94
DeSoto**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	47,649	57,243	65,849	73,881	82,923	85,400
Projected Water Demand						
Municipal Demand	10,355	12,375	14,162	15,807	17,741	18,271
Total Projected Demand	10,355	12,375	14,162	15,807	17,741	18,271
Currently Available Water Supplies						
Dallas Water Utilities	9,522	9,294	10,158	10,644	11,022	9,981
Total Current Supplies	9,522	9,294	10,158	10,644	11,022	9,981
Need (Demand - Current Supply)	833	3,081	4,004	5,163	6,719	8,290
Water Management Strategies						
Water Conservation	322	721	1,009	1,269	1,571	1,773
Additional Water from DWU	511	2,360	2,995	3,894	5,148	6,517
Total Water Management Strategies	833	3,081	4,004	5,163	6,719	8,290
Reserve (Shortage)	0	0	0	0	0	0

**Table C-95
Double Oak**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	3,000	3,000	3,000	3,000	3,000	3,000
Projected Water Demand						
Municipal Demand	716	706	699	696	692	692
Total Projected Water Demand	716	706	699	696	692	692
Currently Available Water Supplies						
Bartonville WSC (UTRWD and groundwater)	703	363	303	276	258	249
Total Current Supplies	703	363	303	276	258	249
Need (Demand - Current Supply)	13	343	396	420	434	443
Water Management Strategies						
Water Conservation	21	34	43	49	55	61
Additional Water from Bartonville WSC	0	309	370	405	430	485
Total Water Management Strategies	21	343	413	454	485	546
Reserve (Shortage)	8	0	17	34	51	103

**Table C-96
Duncanville**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	37,100	37,100	37,100	37,100	37,100	37,100
Projected Water Demand						
Municipal Demand	7,605	7,563	7,522	7,439	7,356	7,356
Total Projected Demand	7,605	7,563	7,522	7,439	7,356	7,356
Currently Available Water Supplies						
Dallas Water Utilities	6,993	5,680	5,396	5,009	4,570	4,018
Total Current Supplies	6,993	5,680	5,396	5,009	4,570	4,018
Need (Demand - Current Supply)	612	1,883	2,126	2,430	2,786	3,338
Water Management Strategies						
Water Conservation	367	841	943	1,000	1,052	1,113
Additional Water from DWU	245	1,042	1,183	1,430	1,734	2,225
Total Water Management Strategies	612	1,883	2,126	2,430	2,786	3,338
Reserve (Shortage)	0	0	0	0	0	0

**Table C-97
East Cedar Creek Fresh Water Supply District**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population (Outside Gun Barrel City)	9,973	11,178	13,363	14,568	15,773	16,978
Projected Water Demand						
Outside Gun Barrel City	1,698	1,866	2,215	2,382	2,580	2,777
In Gun Barrel City	704	977	1,104	1,243	1,411	1,632
Total Projected Demand	2,402	2,843	3,319	3,625	3,991	4,409
Currently Available Water Supplies						
Tarrant Regional Water District	2,330	2,608	2,587	2,446	2,358	2,271
Total Current Supplies	2,330	2,608	2,587	2,446	2,358	2,271
Need (Demand - Current Supply)	72	235	732	1,179	1,633	2,138
Water Management Strategies						
Water Conservation	72	192	280	347	423	516
Additional Water from TRWD (current WTP)	0	26	47	188	276	363
2 MGD Plant Expansion and TRWD	0	17	405	644	934	1,120
2 MGD Plant Expansion and TRWD	0					139
Total Water Management Strategies	72	235	732	1,179	1,633	2,138
Reserve (Shortage)	0	0	0	0	0	0

**Table C-98
East Fork Special Utility District**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	8,778	10,003	11,075	12,173	13,329	14,568
Projected Water Demand						
Municipal Demand	1,239	1,378	1,501	1,637	1,777	1,942
Total Projected Demand	1,239	1,378	1,501	1,637	1,777	1,942
Currently Available Water Supplies						
North Texas Municipal Water District	1,215	1,122	1,061	1,040	1,021	1,037
Total Current Supplies	1,215	1,122	1,061	1,040	1,021	1,037
Need (Demand - Current Supply)	24	256	440	597	756	905
Water Management Strategies						
Water Conservation	24	66	84	98	113	130
Additional Water from NTMWD	0	190	356	499	643	775
Total Water Management Strategies	24	256	440	597	756	905
Reserve (Shortage)	0	0	0	0	0	0

**Table C-99
Ector**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	652	691	720	741	763	786
Projected Water Demand						
Municipal Demand	96	99	101	102	104	107
Total Projected Demand	96	99	101	102	104	107
Currently Available Water Supplies						
Woodbine Aquifer	113	113	113	113	113	113
Total Current Supplies	113	113	113	113	113	113
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Water Conservation	1	4	5	6	6	7
Fannin County Water Supply Project	0	2	3	4	6	9
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	1	6	8	10	12	16
Reserve (Shortage)	18	20	20	21	21	22

**Table C-100
Edgecliff**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	2,550	2,550	2,550	2,550	2,550	2,550
Projected Water Demand						
Municipal Demand	460	451	443	434	428	428
Total Projected Demand	460	451	443	434	428	428
Currently Available Water Supplies						
Fort Worth (TRWD)	456	414	345	293	253	220
Total Current Supplies	456	414	346	293	253	221
Need (Demand - Current Supply)	4	37	97	141	175	207
Water Management Strategies						
Water Conservation	4	24	31	35	38	42
Additional Water from Fort Worth	0	13	66	106	137	165
Total Water Management Strategies	4	37	97	141	175	207
Reserve (Shortage)	0	0	0	0	0	0

Table C-101
Ellis County Irrigation

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	583	583	583	583	583	583
Currently Available Water Supplies						
Local Supplies	3	3	3	3	3	3
Trinity Aquifer	129	129	129	129	129	129
Reuse	125	125	125	125	125	125
Total Current Supplies	257	257	257	257	257	257
Need (Demand - Current Supply)	326	326	326	326	326	326
Water Management Strategies						
Water Conservation	1	15	29	37	44	51
New wells in the Woodbine Aquifer	563	563	563	563	563	563
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	564	578	592	600	607	614
Reserve (Shortage)	238	252	266	274	281	288

Table C-102
Ellis County Livestock

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	1,183	1,183	1,183	1,183	1,183	1,183
Currently Available Water Supplies						
Local Supplies	1,688	1,688	1,688	1,688	1,688	1,688
Woodbine Aquifer	154	154	154	154	154	154
Total Current Supplies	1,842	1,842	1,842	1,842	1,842	1,842
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	659	659	659	659	659	659

**Table C-103
Ellis County Manufacturing**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	3,466	3,670	3,841	3,987	4,089	3,912
Currently Available Water Supplies						
Trinity Aquifer	1,035	1,035	1,035	1,035	1,035	1,035
Woodbine Aquifer	419	419	419	419	419	419
Midlothian	1,295	940	1,032	1,035	998	880
Ennis	351	343	325	293	220	176
Waxahachie	1,136	890	889	863	804	692
Total Current Supplies	4,236	3,627	3,700	3,645	3,476	3,202
Need (Demand - Current Supply)	0	43	141	342	613	710
Water Management Strategies						
Additional Water from Midlothian	0	533	504	560	638	685
Additional Water from Ennis	0	4	28	56	59	76
Additional Water from Waxahachie	0	8	53	165	278	354
Supplemental wells	0	0	0	0	0	0
Total Water Management Strategies	0	545	585	781	975	1,115
Reserve (Shortage)	770	502	444	439	362	405

**Table C-104
Ellis County Mining**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	210	140	140	140	140	140
Currently Available Water Supplies						
Woodbine Aquifer	231	231	231	231	231	231
Total Current Supplies	231	231	231	231	231	231
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	21	91	91	91	91	91

**Table C-105
Ellis County Other**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	10,707	10,707	10,707	10,707	10,707	10,707
Projected Water Demand						
Municipal Demand	2,015	2,003	1,979	1,967	1,955	1,955
Total Projected Water Demand	2,015	2,003	1,979	1,967	1,955	1,955
Currently Available Water Supplies						
Tarrant Regional Water District (through various suppliers)	92	72	86	112	117	111
Waxahachie (Lake Waxahachie)	198	163	113	37	0	0
Ennis (Lake Bardwell)	48	39	31	25	19	15
Other Aquifer	113	113	113	113	113	113
Trinity Aquifer	287	287	287	287	287	287
Woodbine Aquifer	1,400	1,400	1,400	1,400	1,400	1,400
Total Current Supplies	2,138	2,074	2,030	1,974	1,936	1,926
Need (Demand - Current Supply)	0	0	0	0	19	29
Water Management Strategies						
Water Conservation	17	54	73	81	87	94
Additional Groundwater (Woodbine)	0	865	865	865	865	865
Additional Water from TRWD (through Waxahachie, Rockett SUD, and Ennis)	0	0	0	0	4	24
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	17	919	938	946	956	983
Reserve (Shortage)	140	990	989	953	937	954

**Table C-106
Ellis County Steam Electric Power**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	981	698	1,450	3,741	5,754	7,878
Currently Available Water Supplies						
Ennis Direct Reuse	800	800	800	800	800	800
Ennis Treated Water	601	601	601	601	601	601
Midlothian	209	144	151	145	137	126
Total Current Supplies	1,610	1,545	1,552	1,546	1,538	1,527
Need (Demand - Current Supply)	0	0	0	2,195	4,216	6,351
Water Management Strategies						
Additional water from Midlothian	15	80	73	79	107	118
Waxahachie Steam Electric Power Supply (TRWD)	0	0	0	2,116	4,128	4,454
Trinity River Authority Ellis Co. Reuse	0	0	0	0	0	2,200
Total Water Management Strategies	15	80	73	2,195	4,235	6,772
Reserve (Shortage)	644	927	175	0	19	421

**Table C-107
Ennis**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population (Inside City)	20,539	26,290	33,655	43,081	55,148	70,596
Projected Water Demand						
Inside City	3,497	4,358	5,504	6,949	8,834	11,308
Manufacturing, Steam Electric and Customers	1,970	2,062	2,134	2,205	2,280	2,337
Total Projected Demand	5,467	6,420	7,638	9,154	11,114	13,645
Currently Available Water Supplies						
Trinity River Authority (Lake Bardwell) ^(a)	4,712	4,484	4,257	4,030	3,802	3,575
Direct Reuse (Steam Electric)	800	800	800	800	800	800
Contracted Amount from TRWD	3,991	3,991	3,991	3,991	3,991	3,991
Tarrant Regional WD (through TRA)	0	695	1,932	3,097	2,776	3,921
Total Current Supplies	5,512	5,979	6,989	7,526	7,378	7,526
Need (Demand - Current Supply)	0	441	649	1,628	3,736	6,119
Water Management Strategies						
Water Conservation	188	441	649	894	1,215	1,653
Indirect reuse (requires WTP Expansions)				333	2,521	3,696
Other Additional Supply made Usable by WTP Expansions				401		770
Total Water Management Strategies	188	441	649	1,628	3,736	6,119
Reserve (Shortage)	233	0	0	0	0	0

(a) Ennis has a contract with the Trinity River Authority for 5,200 acre-feet per year. The yield of Bardwell is decreasing over time due to sedimentation, and Ennis' share of the reduced yield is shown here.

**Table C-108
Euless**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	53,446	60,416	63,854	65,550	66,386	66,798
Projected Water Demand						
Municipal Demand	9,698	10,760	11,158	11,308	11,377	11,448
Total Projected Demand	9,698	10,760	11,158	11,308	11,377	11,448
Currently Available Water Supplies						
Trinity Aquifer	1,016	1,016	1,016	1,016	1,016	1,016
Trinity River Authority (TRWD)	8,050	8,607	7,623	6,698	5,905	5,186
Total Current Supplies	9,066	9,623	8,639	7,714	6,921	6,202
Need (Demand - Current Supply)	632	1,137	2,519	3,594	4,456	5,246
Water Management Strategies						
Water Conservation	264	640	943	1,063	1,167	1,270
Additional Water from TRA (TRWD)	0	129	1,208	2,163	2,921	3,608
Fort Worth Direct Reuse	368	368	368	368	368	368
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	632	1,137	2,519	3,594	4,456	5,246
Reserve (Shortage)	0	0	0	0	0	0

**Table C-109
Eustace**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	865	865	865	865	865	865
Projected Water Demand						
Municipal Demand	146	143	140	138	137	137
Total Projected Demand	146	143	140	138	137	137
Currently Available Water Supplies						
Carrizo-Wilcox Aquifer	152	152	152	152	152	152
Total Current Supplies	152	152	152	152	152	152
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Water Conservation	2	5	7	7	8	8
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	2	5	7	7	8	8
Reserve (Shortage)	8	14	19	21	23	23

**Table C-110
Everman**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	6,200	6,600	6,600	6,600	6,600	6,600
Projected Water Demand						
Municipal Demand	771	798	776	754	747	747
Total Projected Demand	771	798	776	754	747	747
Currently Available Water Supplies						
Trinity Aquifer	532	532	532	532	532	532
Fort Worth (TRWD)	230	244	190	150	127	111
Total Current Supplies	762	776	722	682	659	643
Need (Demand - Current Supply)	9	22	54	72	88	104
Water Management Strategies						
Water Conservation	9	30	40	42	45	47
Additional Water from Fort Worth	0	0	14	30	43	57
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	9	30	54	72	88	104
Reserve (Shortage)	0	8	0	0	0	0

**Table C-111
Fairfield**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	3,700	4,500	5,300	6,100	6,900	7,500
Projected Water Demand						
Municipal Demand	829	988	1,146	1,298	1,461	1,588
Total Projected Demand	829	988	1,146	1,298	1,461	1,588
Currently Available Water Supplies						
Carrizo-Wilcox Aquifer	1,292	1,292	1,292	1,292	1,292	1,292
Total Current Supplies	1,292	1,292	1,292	1,292	1,292	1,292
Need (Demand - Current Supply)	0	0	0	6	169	296
Water Management Strategies						
Water Conservation	7	24	37	76	98	120
Purchase water from TRWD	0	0	0	4	100	176
New well in Carrizo-Wilcox Aquifer	0	0	0	282	282	282
Supplemental Wells	0	0	0	0	0	0
New WTP	0	0	0	0	0	0
Total Water Management Strategies	7	24	37	362	480	578
Reserve (Shortage)	470	328	183	356	311	282

**Table C-112
Fairview**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	9,300	10,800	13,600	18,000	18,000	18,000
Projected Water Demand						
Municipal Demand	3,469	3,992	5,012	6,593	6,593	6,593
Total Projected Demand	3,469	3,992	5,012	6,593	6,593	6,593
Currently Available Water Supplies						
North Texas Municipal Water District	3,392	3,249	3,543	4,187	3,787	3,519
Total Current Supplies	3,392	3,249	3,543	4,187	3,787	3,519
Need (Demand - Current Supply)	77	743	1,469	2,406	2,806	3,074
Water Management Strategies						
Water Conservation	77	252	410	597	653	708
Additional Water from NTMWD	0	491	1,059	1,809	2,153	2,366
Total Water Management Strategies	77	743	1,469	2,406	2,806	3,074
Reserve (Shortage)	0	0	0	0	0	0

**Table C-113
Fannin County Irrigation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	4,608	4,608	4,608	4,608	4,608	4,608
Currently Available Water Supplies						
Red River	14,758	14,758	14,758	14,758	14,758	14,758
Other Aquifer	2,620	2,620	2,620	2,620	2,620	2,620
Total Current Supplies	17,378	17,378	17,378	17,378	17,378	17,378
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	12,770	12,770	12,770	12,770	12,770	12,770

**Table C-114
Fannin County Livestock**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	1,270	1,270	1,270	1,270	1,270	1,270
Currently Available Water Supplies						
Local Supplies	1,583	1,583	1,583	1,583	1,583	1,583
Trinity Aquifer	72	72	72	72	72	72
Woodbine Aquifer	302	302	302	302	302	302
Total Current Supplies	1,957	1,957	1,957	1,957	1,957	1,957
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	687	687	687	687	687	687

**Table C-115
Fannin County Manufacturing**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	73	82	90	98	105	114
Currently Available Water Supplies						
Lake Bonham	73	82	90	98	105	114
Total Current Supplies	73	82	90	98	105	114
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
None	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	0	0	0	0	0	0

**Table C-116
Fannin County Mining**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	12	12	12	12	12	12
Currently Available Water Supplies						
Run-Of-River	72	72	72	72	72	72
Total Current Supplies	72	72	72	72	72	72
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
None	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	60	60	60	60	60	60

**Table C-117
Fannin County Other**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	11,610	11,568	11,391	11,091	10,735	10,322
Projected Water Demand						
Municipal Demand	1,496	1,452	1,390	1,317	1,251	1,202
Total Projected Water Demand	1,496	1,452	1,390	1,317	1,251	1,202
Currently Available Water Supplies						
Lake Bonham (NTMWD)	286	409	491	554	0	0
Run-of-river - Red River	20	20	20	20	20	20
Run-of-river - Sulphur River	49	49	49	49	49	49
Trinity Aquifer	308	308	308	308	308	308
Woodbine Aquifer	831	831	831	831	831	831
Total Current Supplies	1,494	1,617	1,699	1,762	1,208	1,208
Need (Demand - Current Supply)	2	0	0	0	43	0
Water Management Strategies						
Water Conservation	16	53	70	74	75	76
Fannin County Water Supply Project	0	62	145	237	258	265
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	16	115	215	311	333	341
Reserve (Shortage)	14	280	524	756	290	347

**Table C-118
Fannin County Steam Electric Power**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	1,261	6,363	11,474	11,910	12,443	13,092
Currently Available Water Supplies						
Lake Texoma	16,400	16,400	16,400	16,400	16,400	16,400
Woodbine Aquifer	80	80	80	80	80	80
Total Current Supplies	16,480	16,480	16,480	16,480	16,480	16,480
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	15,219	10,117	5,006	4,570	4,037	3,388

**Table C-119
Farmers Branch**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	30,470	33,161	35,608	37,833	39,855	41,693
Projected Water Demand						
Municipal Demand	11,229	12,109	12,883	13,603	14,286	14,945
Total Projected Demand	11,229	12,109	12,883	13,603	14,286	14,945
Currently Available Water Supplies						
Dallas Water Utilities	10,326	9,094	9,241	9,160	8,875	8,164
Total Current Supplies	10,326	9,094	9,241	9,160	8,875	8,164
Need (Demand - Current Supply)	903	3,015	3,642	4,443	5,411	6,781
Water Management Strategies						
Water Conservation	496	910	1,144	1,353	1,546	1,745
Additional Water from DWU	407	2,105	2,498	3,090	3,865	5,036
Total Water Management Strategies	903	3,015	3,642	4,443	5,411	6,781
Reserve (Shortage)	0	0	0	0	0	0

Table C-120
Farmersville

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	3,683	7,000	10,000	15,000	22,000	30,000
Projected Water Demand						
Municipal Demand	627	1,176	1,680	2,520	3,696	5,041
Total Projected Demand	627	1,176	1,680	2,520	3,696	5,041
Currently Available Water Supplies						
North Texas Municipal Water District	621	957	1,188	1,601	2,123	2,691
Total Current Supplies	621	957	1,188	1,601	2,123	2,691
Need (Demand - Current Supply)	6	219	492	919	1,573	2,350
Water Management Strategies						
Water Conservation	6	59	103	176	290	437
Additional Water from NTMWD	0	160	389	743	1,283	1,913
Total Water Management Strategies	6	219	492	919	1,573	2,350
Reserve (Shortage)	0	0	0	0	0	0

Table C-121
Fate

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	6,222	12,007	15,062	17,923	19,997	21,379
Projected Water Demand						
Municipal Demand	2,091	3,968	4,943	5,842	6,496	6,945
Total Projected Demand	2,091	3,968	4,943	5,842	6,496	6,945
Currently Available Water Supplies						
North Texas Municipal Water District	2,070	3,230	3,494	3,710	3,731	3,707
Total Current Supplies	2,070	3,230	3,494	3,710	3,731	3,707
Need (Demand - Current Supply)	21	738	1,449	2,132	2,765	3,238
Water Management Strategies						
Water Conservation	21	164	253	349	443	531
Additional Water from NTMWD	0	574	1,196	1,783	2,322	2,707
Total Water Management Strategies	21	738	1,449	2,132	2,765	3,238
Reserve (Shortage)	0	0	0	0	0	0

**Table C-122
Ferris**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	2,631	3,000	3,400	3,900	4,500	5,000
Projected Water Demand						
Municipal Demand	401	447	495	555	630	700
Total Projected Demand	401	447	495	555	630	700
Currently Available Water Supplies						
Woodbine Aquifer	227	227	227	227	227	227
Rockett Special Utility District (TRWD)	167	202	209	221	238	244
Total Current Supplies	394	429	436	448	465	471
Need (Demand - Current Supply)	7	18	59	107	165	229
Water Management Strategies						
Water Conservation	7	16	23	29	35	41
Additional Water from Rockett SUD	0	2	36	78	130	188
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	7	18	59	107	165	229
Reserve (Shortage)	0	0	0	0	0	0

**Table C-123
Files Valley Water Supply Corporation (Region C Only)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Region C Population	1,000	1,115	1,230	1,345	1,460	1,575
Projected Water Demand						
Municipal Demand in Region C	208	227	247	265	286	309
Total Projected Region C Demand	208	227	247	265	286	309
Currently Available Water Supplies						
Aquilla Water Supply District (BRA - Region G)	208	227	247	265	286	309
Total Current Supplies	208	227	247	265	286	309
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Water Conservation	2	6	9	10	12	14
Ellis County Water Supply Project (Buena Vista-Bethel WSC from Waxahachie from TRA from TRWD)	0	100	100	100	100	100
Total Water Management Strategies	2	106	109	110	112	114
Region C Reserve (Shortage)	2	106	109	110	112	114

**Table C-124
Flo Community WSC (Region C Only)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Region C Population	252	263	269	271	271	271
Projected Water Demand						
Municipal Demand in Region C	20	20	20	20	19	19
Total Projected Region C Demand	20	20	20	20	19	19
Currently Available Water Supplies						
Carrizo-Wilcox Aquifer	25	25	25	25	25	25
Total Current Supplies	25	25	25	25	25	25
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Water Conservation - Basic Package	0	1	2	2	2	2
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	0	1	2	2	2	2
Reserve (Shortage)	5	6	7	7	8	8

**Table C-125
Flower Mound**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	66,667	75,555	93,000	93,000	93,000	93,000
Projected Water Demand						
Municipal Demand	17,325	23,189	32,085	32,085	32,085	32,085
Total Projected Demand	17,325	23,189	32,085	32,085	32,085	32,085
Currently Available Water Supplies						
Upper Trinity Regional Water District	8,454	4,565	4,798	3,727	2,992	2,626
Dallas Water Utilities	7,965	7,837	8,837	8,296	7,654	6,730
Total Current Supplies	16,419	12,402	13,635	12,023	10,646	9,356
Need (Demand - Current Supply)	906	10,787	18,450	20,062	21,439	22,729
Water Management Strategies						
Water Conservation	859	1,798	2,822	3,123	3,393	3,660
Additional Water from UTRWD	0	7,200	13,228	14,114	14,683	14,884
Additional Water from DWU	267	1,789	2,400	2,825	3,363	4,185
Total Water Management Strategies	1,126	10,787	18,450	20,062	21,439	22,729
Reserve (Shortage)	220	0	0	0	0	0

**Table C-126
Forest Hill**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	12,000	13,090	14,210	15,392	16,738	17,574
Projected Water Demand						
Municipal Demand	1,492	1,584	1,671	1,776	1,912	2,008
Total Projected Demand	1,492	1,584	1,671	1,776	1,912	2,008
Currently Available Water Supplies						
Fort Worth (TRWD)	1,478	1,454	1,303	1,199	1,130	1,035
Total Current Supplies	1,478	1,454	1,303	1,199	1,130	1,035
Need (Demand - Current Supply)	14	130	368	577	782	973
Water Management Strategies						
Water Conservation	14	56	81	94	109	121
Additional Water from Fort Worth	0	74	287	483	673	852
Total Water Management Strategies	14	130	368	577	782	973
Reserve (Shortage)	0	0	0	0	0	0

**Table C-127
Forney**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population (In-City Only)	13,000	24,000	30,000	35,000	39,000	42,803
Projected Water Demand						
Municipal Demand	2,097	4,033	4,973	5,763	6,422	7,048
Manufacturing and Customer Demand	10,637	12,671	13,371	14,149	15,109	16,309
Total Projected Demand	12,734	16,704	18,344	19,912	21,531	23,357
Currently Available Water Supplies						
Garland Reuse (for power plant)	8,979	8,979	8,979	8,979	8,979	8,979
North Texas Municipal Water District	3,717	6,367	6,692	7,007	7,265	7,729
Total Current Supplies	12,696	15,346	15,671	15,986	16,244	16,708
Need (Demand - Current Supply)	38	1,358	2,673	3,926	5,287	6,649
Water Management Strategies						
Water Conservation	38	316	498	671	867	1,100
Additional Water from NTMWD		1,042	2,175	3,255	4,420	5,549
Total Water Management Strategies	38	1,358	2,673	3,926	5,287	6,649
Reserve (Shortage)	0	0	0	0	0	0

Note: See appendix H for details on customer demands.

**Table C-128
Forney Lake Water Supply Corporation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	6,300	7,875	9,844	12,305	15,381	19,226
Projected Water Demand						
Municipal Demand	1,376	1,694	2,096	2,592	3,222	4,028
Total Projected Demand	1,376	1,694	2,096	2,592	3,222	4,028
Currently Available Water Supplies						
North Texas Municipal Water District	1,359	1,379	1,482	1,646	1,850	2,150
Total Current Supplies	1,359	1,379	1,482	1,646	1,850	2,150
Need (Demand - Current Supply)	17	315	614	946	1,372	1,878
Water Management Strategies						
Water Conservation	17	86	134	190	264	363
Additional Water from NTMWD	0	229	480	756	1,108	1,515
Total Water Management Strategies	17	315	614	946	1,372	1,878
Region C Reserve (Shortage)	0	0	0	0	0	0

**Table C-129
Fort Worth**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	742,597	950,587	1,181,683	1,454,650	1,773,210	2,161,533
Projected Water Demand						
Municipal Demand	175,513	220,412	271,349	330,773	401,222	489,088
Manufacturing and Customer Demand	81,219	94,463	106,023	113,915	122,251	129,588
Total Projected Demand	256,732	314,875	377,372	444,688	523,473	618,676
Currently Available Water Supplies						
Tarrant Regional Water District (limited by treatment plant capacity)	247,979	277,748	277,748	277,748	277,748	277,748
Direct Reuse (Village Creek)	897	897	897	897	897	897
Total Current Supplies	248,876	278,645	278,645	278,645	278,645	278,645
Need (Demand - Current Supply)	7,856	36,230	98,727	166,043	244,828	340,031
Water Management Strategies						
Water Conservation	6,304	14,421	22,327	30,205	39,662	51,775
Village Creek Direct Reuse	1,552	3,469	3,526	3,526	3,526	3,526
Fort Worth Future Reuse	0	0	3,460	7,979	7,979	7,979
Alliance Direct Reuse	0	1,120	4,694	4,694	4,694	4,694
12 mgd West Plant		6,726	6,726	6,726	6,726	6,726
Rolling Hills 50 mgd expansion		10,494	28,025	28,025	28,025	28,025
New 25 mgd Southwest Plant		0	14,013	14,013	14,013	14,013
Eagle Mountain 35 mgd exp.		0	15,956	19,618	19,618	19,618
West Plant 23 mgd expansion			0	12,065	12,892	12,892
West Plant 35 mgd expansion			0	19,618	19,618	19,618
Eagle Mountain 70 mgd exp.				19,574	39,235	39,235
Southwest Plant 25 mgd exp.					14,013	14,013
50 mgd expansion					28,025	28,025
50 mgd expansion					6,802	28,025
50 mgd expansion						28,025
50 mgd expansion						28,025
50 mgd expansion						5,817
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	7,856	36,230	98,727	166,043	244,828	340,031
Reserve (Shortage)	0	0	0	0	0	0

Note: See appendix H for details on customer demands.

**Table C-130
Freestone County Irrigation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	8	8	8	8	8	8
Currently Available Water Supplies						
Carrizo-Wilcox Aquifer	38	38	38	38	38	38
Local Supplies	87	87	87	87	87	87
Total Current Supplies	125	125	125	125	125	125
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	117	117	117	117	117	117

**Table C-131
Freestone County Livestock**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	1,528	1,528	1,528	1,528	1,528	1,528
Currently Available Water Supplies						
Carrizo-Wilcox Aquifer	669	669	669	669	669	669
Other Aquifer	50	50	50	50	50	50
Queen City Aquifer	40	40	40	40	40	40
Local Supplies	1,043	1,043	1,043	1,043	1,043	1,043
Total Current Supplies	1,802	1,802	1,802	1,802	1,802	1,802
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	274	274	274	274	274	274

**Table C-132
Freestone County Manufacturing**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	0	0	0	0	0	0
Currently Available Water Supplies						
None	0	0	0	0	0	0
Total Current Supplies	0	0	0	0	0	0
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
None	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	0	0	0	0	0	0

**Table C-133
Freestone County Mining**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	116	126	132	138	144	149
Currently Available Water Supplies						
Carrizo-Wilcox Aquifer	80	80	80	80	80	80
Local Supplies	120	120	120	120	120	120
Total Current Supplies	200	200	200	200	200	200
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	84	74	68	62	56	51

**Table C-134
Freestone County Other**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	9,298	9,717	9,935	9,998	9,998	9,998
Projected Water Demand						
Municipal Demand	1,251	1,271	1,265	1,240	1,229	1,229
Total Projected Water Demand	1,251	1,271	1,265	1,240	1,229	1,229
Currently Available Water Supplies						
Carrizo-Wilcox Aquifer	1,380	1,380	1,380	1,380	1,380	1,380
Run-of-River local supply	41	41	41	41	41	41
Tarrant Regional Water District	271	316	302	270	236	206
Total Current Supplies	1,692	1,737	1,723	1,691	1,657	1,627
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Water Conservation	14	47	64	69	73	77
Additional Water from TRWD	0	55	53	48	43	38
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	14	102	117	117	116	115
Reserve (Shortage)	455	568	575	568	544	513

**Table C-135
Freestone County Steam Electric Power**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	12,173	18,210	20,524	23,999	28,234	33,398
Currently Available Water Supplies						
Carrizo-Wilcox Aquifer	745	745	745	745	745	745
Lake Fairfield	870	870	870	870	870	870
Trinity River Authority (upstream diversion of Lake Livingston)	20,000	20,000	20,000	20,000	20,000	20,000
TRWD Sources	6,722	6,722	6,026	5,214	4,566	3,981
Total Current Supplies	28,337	28,337	27,641	26,829	26,181	25,596
Need (Demand - Current Supply)	0	0	0	0	2,053	7,802
Water Management Strategies						
Additional Water from TRWD (current contract)	4	4	700	1,512	2,160	2,745
Additional Water from TRWD (new contract through TRA)		1,000	1,000	1,000	1,000	1,000
Trinity River Authority Reuse	0	0	0	0	6,760	6,760
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	4	1,004	1,700	2,512	9,920	10,505
Reserve (Shortage)	16,168	11,131	8,817	5,342	7,867	2,703

**Table C-136
Frisco**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	108,671	148,000	197,000	246,000	280,000	280,000
Projected Water Demand						
Municipal Demand	36,153	47,910	62,450	77,983	88,760	88,760
Total Projected Demand	36,153	47,910	62,450	77,983	88,760	88,760
Currently Available Water Supplies						
North Texas Municipal Water District	35,415	37,171	41,771	45,941	47,733	44,363
Total Current Supplies	35,415	37,171	41,771	45,941	47,733	44,363
Need (Demand - Current Supply)	738	10,739	20,679	32,042	41,027	44,397
Water Management Strategies						
Water Conservation	738	4,062	8,744	11,587	13,938	14,693
Additional Water from NTMWD	0	4,437	8,575	14,805	21,439	24,054
Direct Reuse	0	2,240	3,360	5,650	5,650	5,650
Total Water Management Strategies	738	10,739	20,679	32,042	41,027	44,397
Reserve (Shortage)	0	0	0	0	0	0

**Table C-137
Frost**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	550	550	550	550	550	550
Projected Water Demand						
Municipal Demand	69	67	66	63	63	63
Total Projected Demand	69	67	66	63	63	63
Currently Available Water Supplies						
Corsicana	69	67	62	57	55	52
Woodbine Aquifer	56	56	56	56	56	56
Total Current Supplies	125	123	118	113	111	108
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Water Conservation	1	3	4	4	4	4
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	1	3	4	4	4	4
Reserve (Shortage)	57	59	56	54	52	49

**Table C-138
Gainesville**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population (In City Only)	16,800	19,000	21,400	23,900	26,400	29,000
Projected Water Demand						
Municipal Demand	3,387	3,746	4,171	4,578	5,027	5,522
Manufacturing and Customers	232	1,075	1,365	1,705	2,353	2,864
Total Projected Demand	3,619	4,821	5,536	6,283	7,380	8,386
Currently Available Water Supplies						
Moss Lake (limited by WTP capacity)	1,120	1,120	1,120	1,120	1,120	1,120
Direct Reuse	9	9	9	9	9	9
Trinity Aquifer	2,360	2,360	2,360	2,360	2,360	2,360
Total Current Supplies	3,489	3,489	3,489	3,489	3,489	3,489
Need (Demand - Current Supply)	130	1,332	2,047	2,794	3,891	4,897
Water Management Strategies						
Water Conservation	27	95	238	307	379	463
Overdraft Trinity Aquifer (existing wells)	103	0	0	0	0	0
Cooke County WSP - Moss Lake raw water and 4 MGD WTP expansion		2,240	2,240	2,240	2,240	2,240
Cooke Co. WSP - 2 MGD WTP Expansion				1,120	1,120	1,120
Cooke Co. WSP - 2 MGD WTP Expansion					1,120	1,120
Additional Direct Reuse	0	169	137	141	144	147
Supplemental wells	0	0	0	0	0	0
Total Water Management Strategies	130	2,504	2,615	3,808	5,003	5,090
Reserve (Shortage)	0	1,172	568	1,014	1,112	193

Note: See Appendix H for details on customer demands.

**Table C-139
Garland**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population (In City Only)	232,685	234,650	241,767	243,000	243,000	243,000
Projected Water Demand						
In-City Municipal Demand	42,484	42,055	42,789	42,462	42,190	42,190
Manufacturing and Customers	3,908	4,202	4,941	5,419	6,043	6,468
Total Projected Demand	46,392	46,257	47,730	47,881	48,233	48,658
Currently Available Water Supplies						
North Texas Municipal Water District	45,634	37,649	33,741	30,411	27,702	25,973
Total Current Supplies	45,634	37,649	33,741	30,411	27,702	25,973
Need (Demand - Current Supply)	758	8,608	13,989	17,470	20,531	22,685
Water Management Strategies						
Water Conservation	758	2,819	4,057	4,495	4,833	5,188
Additional Water from NTMWD		5,789	9,932	12,975	15,698	17,497
Total Water Management Strategies	758	8,608	13,989	17,470	20,531	22,685
Reserve (Shortage)	0	0	0	0	0	0
Reuse Demand (Kaufman Co)	8,979	8,979	8,979	8,979	8,979	8,979
Reuse Supply	8,979	8,979	8,979	8,979	8,979	8,979
Reuse Need (Demand-Supply)	0	0	0	0	0	0

Note: See Appendix H for details on customer demands.

**Table C-140
Gastonia-Scurry Special Utility District**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population						
Outside of Scurry	7,322	9,211	10,730	13,054	15,944	19,541
Scurry	678	789	918	1,068	1,242	1,445
Total Population Served	8,000	10,000	11,648	14,122	17,186	20,986
Projected Water Demand						
Municipal Demand (Outside of Scurry)	771	1,104	1,262	1,506	1,840	2,255
Demand in Scurry	87	102	118	138	160	186
Total Projected Demand	858	1,206	1,380	1,644	2,000	2,441
Currently Available Water Supplies						
North Texas Municipal Water District	844	982	976	1,045	1,149	1,303
Total Current Supplies	844	982	976	1,045	1,149	1,303
Need (Demand - Current Supply)	14	224	404	599	851	1,138
Water Management Strategies						
Water Conservation	14	51	74	96	123	158
Additional Water from NTMWD	0	173	330	503	728	980
Total Water Management Strategies	14	224	404	599	851	1,138
Reserve (Shortage)	0	0	0	0	0	0

**Table C-141
Glenn Heights**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population (In City Only)	11,423	13,833	16,516	19,102	21,705	24,332
Projected Water Demand						
Municipal Demand	1,407	1,674	1,961	2,247	2,528	2,834
Customer Demand (Oak Leaf)	260	254	282	302	318	320
Total Projected Demand	1,667	1,928	2,243	2,549	2,846	3,154
Currently Available Water Supplies						
Trinity Aquifer	229	229	229	229	229	229
Dallas Water Utilities	1,222	1,305	1,453	1,571	1,633	1,632
Total Current Supplies	1,451	1,534	1,682	1,800	1,862	1,861
Need (Demand - Current Supply)	216	394	561	749	984	1,293
Water Management Strategies						
Water Conservation	21	71	107	132	158	186
Additional Water from DWU	195	323	454	617	826	1,107
Supplemental wells	0	0	0	0	0	0
Total Water Management Strategies	216	394	561	749	984	1,293
Reserve (Shortage)	0	0	0	0	0	0

**Table C-142
Grand Prairie**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population (In City Only)	170,000	196,000	231,011	260,015	290,520	290,520
Projected Water Demand						
Municipal Demand	29,134	33,266	38,426	43,251	48,325	48,325
Irrigation (raw water)	300	300	300	300	300	300
Johnson County Special Utility District	0	6,726	6,726	6,726	6,726	6,726
Total Projected Demand	29,434	40,292	45,452	50,277	55,351	55,351
Currently Available Water Supplies						
Trinity Aquifer	4,200	4,200	4,200	4,200	4,200	4,200
Joe Pool Lake (raw water)	300	300	300	300	300	300
Fort Worth (TRWD)	1,065	1,029	874	757	662	578
Dallas Water Utilities	21,897	12,147	15,303	17,615	19,404	17,062
Total Current Supplies	27,462	17,676	20,677	22,872	24,566	22,140
Need (Demand - Current Supply)	1,972	22,616	24,775	27,405	30,785	33,211
Water Management Strategies						
Water Conservation	1,242	3,030	4,060	4,960	5,956	6,366
Additional Water from DWU	674	996	1,971	3,583	5,873	7,804
Additional Water from Fort Worth	56	93	247	365	459	544
Midlothian (Grand Prairie Joe Pool)	0	1,272	1,239	1,207	1,174	1,141
Midlothian (TRWD)	0	6,015	6,048	6,080	6,113	6,146
Mansfield (TRWD)	0	6,726	6,726	6,726	6,726	6,726
Arlington (TRWD)	0	4,484	4,484	4,484	4,484	4,484
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	1,972	22,616	24,775	27,405	30,785	33,211
Reserve (Shortage)	0	0	0	0	0	0

**Table C-143
Grapevine**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	51,352	55,000	60,000	60,000	60,000	60,000
Projected Water Demand						
Municipal Demand	17,256	18,298	19,827	19,692	19,625	19,625
Golf Course (Tarrant County Irrigation)	1,121	1,121	1,121	1,121	1,121	1,121
Total Projected Demand	18,377	19,419	20,948	20,813	20,746	20,746
Currently Available Water Supplies						
Dallas Water Utilities	3,553	2,677	2,532	2,123	1,794	1,473
Indirect Reuse	3,317	3,696	3,964	4,142	4,276	4,386
Trinity River Authority (TRWD)	9,551	9,838	9,490	8,331	7,388	6,526
Lake Grapevine	2,017	1,983	1,950	1,917	1,883	1,850
Total Current Supplies	18,438	18,194	17,936	16,513	15,341	14,235
Need (Demand - Current Supply)	0	1,225	3,012	4,300	5,405	6,511
Water Management Strategies						
Water Conservation	633	1,193	1,753	1,930	2,089	2,252
Additional Water from TRA	0	32	1,259	2,370	3,316	4,259
Total Water Management Strategies	633	1,225	3,012	4,300	5,405	6,511
Reserve (Shortage)	694	0	0	0	0	0

**Table C-144
Grayson County Irrigation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	3,561	3,751	3,950	4,158	4,381	4,616
Currently Available Water Supplies						
Woodbine Aquifer	2,347	2,347	2,347	2,347	2,347	2,347
Red River Authority (Lake Texoma)	150	150	150	150	150	150
Local Supplies	2,394	2,394	2,394	2,394	2,394	2,394
Total Current Supplies	4,891	4,891	4,891	4,891	4,891	4,891
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	1,330	1,140	941	733	510	275

**Table C-145
Grayson County Livestock**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	1,297	1,297	1,297	1,297	1,297	1,297
Currently Available Water Supplies						
Woodbine Aquifer	360	360	360	360	360	360
Local Supplies	1,683	1,683	1,683	1,683	1,683	1,683
Total Current Supplies	2,043	2,043	2,043	2,043	2,043	2,043
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	746	746	746	746	746	746

**Table C-146
Grayson County Manufacturing**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	7,010	7,781	8,453	9,088	9,621	10,444
Currently Available Water Supplies						
Sherman (GTUA - Lake Texoma)	5,225	3,914	3,284	2,851	2,460	2,163
Denison (Lake Randell)	500	500	500	500	500	500
Howe (NTMWD through GTUA))	68	49	33	25	20	17
Woodbine Aquifer	1,215	1,215	1,215	1,215	1,215	1,215
Local Supplies	30	30	30	30	30	30
Total Current Supplies	7,038	5,708	5,062	4,621	4,225	3,925
Need (Demand - Current Supply)	0	2,073	3,391	4,467	5,396	6,519
Water Management Strategies						
Water Conservation	0	15	175	255	272	291
Additional Howe	0	15	25	33	41	48
Additional Denison	46	109	145	188	241	315
Additional Sherman (Grayson County Water Supply Project)	0	1,935	3,194	4,213	5,079	6,117
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	46	2,074	3,539	4,689	5,633	6,771
Reserve (Shortage)	74	1	148	222	237	252

**Table C-147
Grayson County Mining**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	1,052	1,050	1,049	1,048	1,047	1,046
Currently Available Water Supplies						
Trinity Aquifer	595	595	595	595	595	595
Woodbine Aquifer	559	559	559	559	559	559
Total Current Supplies	1,154	1,154	1,154	1,154	1,154	1,154
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	102	104	105	106	107	108

**Table C-148
Grayson County Other**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	26,925	26,799	26,482	25,160	23,185	20,727
Projected Water Demand						
Municipal Demand	3,468	3,393	3,263	3,016	2,753	2,461
Total Projected Water Demand	3,468	3,393	3,263	3,016	2,753	2,461
Currently Available Water Supplies						
Denison (Lake Randell)	60	60	60	60	60	60
Red River Authority (Lake Texoma)	641	641	641	641	641	641
Denison (Lake Texoma)	250	250	250	250	250	250
Sherman (GTUA - Lake Texoma)	76	67	51	81	98	157
Other Aquifer	35	35	35	35	35	35
Trinity Aquifer	1,170	1,170	1,170	1,170	1,170	1,170
Woodbine Aquifer	1,659	1,659	1,659	1,659	1,659	1,659
Total Current Supplies	3,891	3,882	3,866	3,896	3,913	3,972
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Water Conservation	37	123	165	168	164	155
Grayson County Water Supply Project (Sherman WTP)	75	100	100	200	300	600
Grayson County Water Supply Project (North WTP)	0	200	300	400	500	600
Grayson County Water Supply Project (Northwest WTP)	0	560	560	560	560	560
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	112	983	1,125	1,328	1,524	1,915
Reserve (Shortage)	535	1,472	1,728	2,208	2,684	3,426

**Table C-149
Grayson County Steam Electric Power**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	5,600	8,963	12,326	12,326	12,326	12,326
Currently Available Water Supplies						
Sherman (GTUA - Lake Texoma)	5,600	5,600	5,600	5,600	5,600	5,600
Total Current Supplies	5,600	5,600	5,600	5,600	5,600	5,600
Need (Demand - Current Supply)	0	3,363	6,726	6,726	6,726	6,726
Water Management Strategies						
GTUA (Lake Texoma)	0	6,726	6,726	6,726	6,726	6,726
Total Water Management Strategies	0	6,726	6,726	6,726	6,726	6,726
Reserve (Shortage)	0	3,363	0	0	0	0

**Table C-150
Gun Barrel City**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population (In City Only)	6,131	7,201	8,256	9,338	10,658	12,324
Projected Water Demand						
Municipal Demand	1,408	1,629	1,840	2,071	2,352	2,720
Total Projected Demand	1,408	1,629	1,840	2,071	2,352	2,720
Currently Available Water Supplies						
Mabank (TRWD)	704	0	0	0	0	0
East Cedar Creek Freshwater Supply District (TRWD)	693	896	861	839	834	841
Total Current Supplies	1,397	896	861	839	834	841
Need (Demand - Current Supply)	11	733	979	1,232	1,518	1,879
Water Management Strategies						
Water Conservation	11	72	105	136	174	224
Additional East Cedar Creek FWSD	0	23	139	269	404	568
TRWD and Water Treatment Plant	0	638	735	827	940	1,087
Total Water Management Strategies	11	733	979	1,232	1,518	1,879
Reserve (Shortage)	0	0	0	0	0	0

**Table C-151
Gunter**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population (In City Only)	2,000	3,500	5,000	6,500	8,000	9,000
Projected Water Demand						
Municipal Demand	271	467	655	837	1,022	1,149
Total Projected Demand	271	467	655	837	1,022	1,149
Currently Available Water Supplies						
Trinity Aquifer	298	298	298	298	298	298
Total Current Supplies	298	298	298	298	298	298
Need (Demand - Current Supply)	0	169	357	539	724	851
Water Management Strategies						
Water Conservation	5	19	32	44	57	68
Grayson County Water Supply Project (Sherman WTP)	0	180	350	530	700	820
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	5	199	382	574	757	888
Reserve (Shortage)	32	30	25	35	33	37

**Table C-152
Hackberry**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population (In City Only)	1,086	1,619	2,120	2,361	2,477	2,533
Projected Water Demand						
Municipal Demand	142	210	275	304	319	326
Total Projected Demand	142	210	275	304	319	326
Currently Available Water Supplies						
North Texas Municipal Water District	67	112	143	147	141	135
Trinity Aquifer	73	73	73	73	73	73
Total Current Supplies	140	185	216	220	214	208
Need (Demand - Current Supply)	2	25	59	84	105	118
Water Management Strategies						
Water Conservation	2	9	14	17	19	20
Additional Water from NTMWD	0	16	45	67	86	98
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	2	25	59	84	105	118
Reserve (Shortage)	0	0	0	0	0	0

**Table C-153
Haltom City**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population (In City Only)	41,000	50,322	53,058	54,428	55,113	55,456
Projected Water Demand						
Municipal Demand	6,521	7,835	8,142	8,231	8,272	8,324
Total Projected Demand	6,521	7,835	8,142	8,231	8,272	8,324
Currently Available Water Supplies						
Fort Worth (TRWD)	6,465	7,192	6,350	5,555	4,888	4,289
Total Current Supplies	6,465	7,192	6,350	5,555	4,888	4,289
Need (Demand - Current Supply)	56	643	1,792	2,676	3,384	4,035
Water Management Strategies						
Water Conservation	56	221	303	340	371	401
Additional Water from Fort Worth	0	422	1,489	2,336	3,013	3,634
Total Water Management Strategies	56	643	1,792	2,676	3,384	4,035
Reserve (Shortage)	0	0	0	0	0	0

**Table C-154
Haslet**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population (In City Only)	2,000	4,000	7,000	7,000	7,000	7,000
Projected Water Demand						
Municipal Demand	784	1,555	2,697	2,689	2,682	2,682
Total Projected Demand	784	1,555	2,697	2,689	2,682	2,682
Currently Available Water Supplies						
Fort Worth (TRWD)	657	1,316	2,009	1,733	1,513	1,320
Trinity Aquifer	121	121	121	121	121	121
Total Current Supplies	778	1,437	2,130	1,854	1,634	1,441
Need (Demand - Current Supply)	6	118	567	835	1,048	1,241
Water Management Strategies						
Water Conservation	6	60	131	154	176	198
Additional Water from Fort Worth	0	58	436	681	872	1,043
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	6	118	567	835	1,048	1,241
Reserve (Shortage)	0	0	0	0	0	0

**Table C-155
Heath**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	6,971	9,857	12,362	15,058	18,238	21,968
Projected Water Demand						
Municipal Demand	1,952	2,727	3,393	4,116	4,964	5,980
Total Projected Demand	1,952	2,727	3,393	4,116	4,964	5,980
Currently Available Water Supplies						
North Texas Municipal Water District	1,936	2,220	2,399	2,614	2,851	3,192
Total Current Supplies	1,936	2,220	2,399	2,614	2,851	3,192
Need (Demand - Current Supply)	16	507	994	1,502	2,113	2,788
Water Management Strategies						
Water Conservation	16	114	181	255	350	471
Additional Water from NTMWD	0	393	813	1,247	1,763	2,317
Total Water Management Strategies	16	507	994	1,502	2,113	2,788
Reserve (Shortage)	0	0	0	0	0	0

**Table C-156
Hebron**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population (In City Only)	500	500	500	500	500	500
Projected Water Demand						
Municipal Demand	114	111	110	109	109	109
Total Projected Demand	114	111	110	109	109	109
Currently Available Water Supplies						
Carrollton (DWU)	105	83	79	73	68	60
Total Current Supplies	105	83	79	73	68	60
Need (Demand - Current Supply)	9	28	31	36	41	49
Water Management Strategies						
Water Conservation	0	5	6	7	8	9
Additional Water from Carrollton	9	23	25	29	33	40
Total Water Management Strategies	9	28	31	36	41	49
Reserve (Shortage)	0	0	0	0	0	0

**Table C-157
Henderson County Irrigation (Region C Only)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand in Region C	0	0	0	0	0	0
Currently Available Water Supplies						
Carrizo-Wilcox Aquifer	25	25	25	25	25	25
Direct reuse	32	32	32	32	32	32
Local supplies	415	415	415	415	415	415
Total Current Supplies	472	472	472	472	472	472
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	472	472	472	472	472	472

**Table C-158
Henderson County Livestock (Region C Only)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand in Region C	854	854	854	854	854	854
Currently Available Water Supplies						
Carrizo-Wilcox Aquifer	518	518	518	518	518	518
Other Aquifer	126	126	126	126	126	126
Queen City Aquifer	43	43	43	43	43	43
Local Supplies	341	341	341	341	341	341
Total Current Supplies	1,028	1,028	1,028	1,028	1,028	1,028
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	174	174	174	174	174	174

**Table C-159
Henderson County Manufacturing (Region C Only)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand in Region C	110	118	133	151	172	195
Currently Available Water Supplies						
Carrizo-Wilcox Aquifer	408	408	408	408	408	408
Athens (Athens MWA and Groundwater)	99	72	71	70	69	67
Total Current Supplies	507	480	479	478	477	475
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Water Conservation	0	0	3	4	5	5
Additional Water from Athens (Athens MWA)	0	34	49	66	86	109
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	0	34	52	70	91	114
Reserve (Shortage)	397	396	398	397	396	394

**Table C-160
Henderson County Mining (Region C Only)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand in Region C	265	302	327	352	378	399
Currently Available Water Supplies						
Carrizo-Wilcox Aquifer	439	439	439	439	439	439
Tarrant Regional Water District	79	83	76	72	67	62
Total Current Supplies	518	522	515	511	506	501
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	253	220	188	159	128	102

**Table C-161
Henderson County Other (Region C Only)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population in Region C	1,328	1,327	1,326	1,326	1,325	1,324
Projected Water Demand in Region C						
Municipal Demand	262	257	253	248	246	246
Total Projected Water Demand	262	257	253	248	246	246
Currently Available Water Supplies						
Carrizo-Wilcox Aquifer	290	290	290	290	290	290
Other Aquifer	41	41	41	41	41	41
Tarrant Regional Water District	78	71	59	50	44	38
Total Current Supplies	409	402	390	381	375	369
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Water Conservation	2	7	9	10	11	12
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	2	7	9	10	11	12
Reserve (Shortage)	149	152	146	143	140	135

**Table C-162
Henderson County Steam Electric Power (Region C Only)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand in Region C	460	427	7,000	8,000	9,000	10,000
Currently Available Water Supplies						
Lake Trinidad	3,050	3,050	3,050	3,050	3,050	3,050
Total Current Supplies	3,050	3,050	3,050	3,050	3,050	3,050
Need (Demand - Current Supply)	0	0	3,950	4,950	5,950	6,950
Water Management Strategies						
Tarrant Regional Water District	0	0	3,950	4,950	5,950	6,950
Total Water Management Strategies	0	0	3,950	4,950	5,950	6,950
Reserve (Shortage)	2,590	2,623	0	0	0	0

**Table C-163
Hickory Creek**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	4,150	5,600	6,500	7,941	7,941	7,941
Projected Water Demand						
Municipal Demand	753	1,004	1,158	1,405	1,405	1,405
Total Projected Demand	753	1,004	1,158	1,405	1,405	1,405
Currently Available Water Supplies						
Lake Cities Municipal Utility Authority (UTRWD and Groundwater)	786	477	397	370	308	269
Total Current Supplies	786	477	397	370	308	269
Need (Demand - Current Supply)	0	527	761	1,035	1,097	1,136
Water Management Strategies						
Water Conservation	24	57	80	110	122	133
Additional Water from Lake Cities MUA	0	470	681	925	975	1,003
Total Water Management Strategies	24	527	761	1,035	1,097	1,136
Reserve (Shortage)	57	0	0	0	0	0

**Table C-164
Hickory Creek Special Utility District (Region C Only)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population in Region C	244	285	319	349	380	415
Projected Water Demand in Region C						
Municipal Demand	42	48	53	56	61	67
Total Projected Region C Demand	42	48	53	56	61	67
Currently Available Water Supplies						
Woodbine Aquifer in Region D	40	45	49	51	55	60
Total Current Supplies	40	45	49	51	55	60
Need (Demand - Current Supply)	2	3	4	5	6	7
Water Management Strategies						
Water Conservation	2	3	4	5	6	7
Total Water Management Strategies	2	3	4	5	6	7
Reserve (Shortage)	0	0	0	0	0	0

**Table C-165
High Point Water Supply Corporation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	3,400	4,313	5,232	6,248	7,499	9,042
Projected Water Demand						
Municipal Demand	362	517	616	728	865	1,044
Total Projected Demand	362	517	616	728	865	1,044
Currently Available Water Supplies						
Forney (NTMWD)	179	210	218	231	248	279
Terrell (NTMWD)	179	210	218	231	248	279
Total Current Supplies	358	420	436	462	496	558
Need (Demand - Current Supply)	4	97	180	266	369	486
Water Management Strategies						
Water Conservation	4	21	33	42	53	68
Additional Water from Forney	0	38	74	112	158	209
Additional Water from Terrell	0	38	73	112	158	209
Total Water Management Strategies	4	97	180	266	369	486
Reserve (Shortage)	0	0	0	0	0	0

**Table C-166
Highland Park**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	8,937	9,025	9,106	9,181	9,249	9,313
Projected Water Demand						
Municipal Demand	4,255	4,266	4,274	4,278	4,289	4,319
Total Projected Demand	4,255	4,266	4,274	4,278	4,289	4,319
Currently Available Water Supplies						
Dallas County Park Cities Municipal Utility District (Lake Grapevine)	4,233	4,205	4,188	4,176	4,172	4,187
Total Current Supplies	4,233	4,205	4,188	4,176	4,172	4,187
Need (Demand - Current Supply)	22	61	86	102	117	132
Water Management Strategies						
Water Conservation	22	61	86	102	117	132
Total Water Management Strategies	22	61	86	102	117	132
Reserve (Shortage)	0	0	0	0	0	0

**Table C-167
Highland Village**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	15,148	16,868	17,862	18,000	18,000	18,000
Projected Water Demand						
Municipal Demand	3,733	4,100	4,302	4,295	4,274	4,274
Total Projected Demand	3,733	4,100	4,302	4,295	4,274	4,274
Currently Available Water Supplies						
Trinity Aquifer	1,411	1,411	1,411	1,411	1,411	1,411
Upper Trinity Regional Water District	2,568	1,073	804	644	530	480
Total Current Supplies	3,979	2,484	2,215	2,055	1,941	1,891
Need (Demand - Current Supply)	0	1,616	2,087	2,240	2,333	2,383
Water Management Strategies						
Water Conservation	78	150	329	402	436	472
Additional Water from UTRWD	0	1,775	2,177	2,367	2,537	2,661
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	78	1,925	2,506	2,769	2,973	3,133
Reserve (Shortage)	324	309	419	529	640	750

**Table C-168
Honey Grove**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,858	2,100	2,500	3,000	3,500	4,000
Projected Water Demand						
Municipal Demand	421	466	546	645	749	856
Total Projected Demand	421	466	546	645	749	856
Currently Available Water Supplies						
Woodbine Aquifer	463	463	463	463	463	463
Total Current Supplies	463	463	463	463	463	463
Need (Demand - Current Supply)	0	3	83	182	286	393
Water Management Strategies						
Water Conservation	3	31	69	88	108	131
Fannin County Water Supply Project	0	65	123	223	328	433
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	3	96	192	311	436	564
Reserve (Shortage)	45	93	109	129	150	171

Table C-169
Howe

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	3,000	4,500	6,500	8,500	9,772	10,781
Projected Water Demand						
Municipal Demand	403	590	837	1,085	1,237	1,365
Grayson County Manufacturing	70	78	85	91	96	104
Total Projected Demand	473	668	922	1,176	1,333	1,469
Currently Available Water Supplies						
Woodbine Aquifer	301	301	301	301	301	301
North Texas Municipal WD (Collin-Grayson Municipal Alliance Pipeline)	215	215	215	215	215	215
Total Current Supplies	516	516	516	516	516	516
Need (Demand - Current Supply)	0	152	406	660	817	953
Water Management Strategies						
Water Conservation	9	27	47	65	79	91
Additional Water from NTMWD (Expanded CGMA Pipeline)	0	125	359	595	738	862
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	9	152	406	660	817	953
Reserve (Shortage)	52	0	0	0	0	0

Table C-170
Hudson Oaks

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	2,000	2,438	2,972	3,500	4,000	4,500
Projected Water Demand						
Municipal Demand	394	475	576	674	771	867
Total Projected Demand	394	475	576	674	771	867
Currently Available Water Supplies						
Trinity Aquifer	281	281	281	281	281	281
Weatherford (TRWD)	109	178	230	265	289	302
Total Current Supplies	390	459	511	546	570	583
Need (Demand - Current Supply)	4	16	65	128	201	284
Water Management Strategies						
Water Conservation	4	23	36	48	61	76
Additional Water from Weatherford	0	0	29	80	140	208
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	4	23	65	128	201	284
Reserve (Shortage)	0	7	0	0	0	0

**Table C-171
Hurst**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	38,829	41,000	41,000	41,000	41,000	41,000
Projected Water Demand						
Municipal Demand	7,524	7,807	7,670	7,532	7,486	7,486
Total Projected Demand	7,524	7,807	7,670	7,532	7,486	7,486
Currently Available Water Supplies						
Trinity Aquifer	816	816	816	816	816	816
Fort Worth (TRWD)	6,652	6,417	5,346	4,533	3,941	3,437
Total Current Supplies	7,468	7,233	6,162	5,349	4,757	4,253
Need (Demand - Current Supply)	56	574	1,508	2,183	2,729	3,233
Water Management Strategies						
Water Conservation	56	426	603	670	729	792
Additional Water from Fort Worth	0	148	905	1,513	2,000	2,441
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	56	574	1,508	2,183	2,729	3,233
Reserve (Shortage)	0	0	0	0	0	0

**Table C-172
Hutchins**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	3,200	4,000	5,000	6,500	8,500	14,000
Projected Water Demand						
Municipal Demand	821	1,008	1,255	1,624	2,123	3,497
Total Projected Demand	821	1,008	1,255	1,624	2,123	3,497
Currently Available Water Supplies						
Dallas Water Utilities	755	757	900	1,094	1,319	1,910
Total Current Supplies	755	757	900	1,094	1,319	1,910
Need (Demand - Current Supply)	66	251	355	530	804	1,587
Water Management Strategies						
Water Conservation	23	56	78	116	170	309
Additional Water from DWU	43	195	277	414	634	1,278
Total Water Management Strategies	66	251	355	530	804	1,587
Reserve (Shortage)	0	0	0	0	0	0

Table C-173
Irving

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	219,238	240,099	255,853	267,751	276,736	283,521
Projected Water Demand						
Municipal Demand	58,202	66,967	70,502	73,780	76,256	78,126
Manufacturing Demand	2,047	2,267	2,469	2,653	2,802	2,819
Total Projected Demand	60,249	69,234	72,971	76,433	79,058	80,945
Currently Available Water Supplies						
Lake Chapman	44,484	44,484	44,484	44,484	44,484	44,484
Dallas Water Utilities	14,497	14,082	2,869	2,694	2,485	2,185
Total Current Supplies	58,981	58,566	47,353	47,178	46,969	46,669
Need (Demand - Current Supply)	1,268	10,668	25,618	29,255	32,089	34,276
Water Management Strategies						
Water Conservation	2,178	3,779	4,882	5,836	6,679	7,502
Chapman Booster Pump Station (with NTMWD)		0	0	0	0	0
Princeton Pump Station Expansion		0	0	0	0	0
Additional Water from DWU		889	1,131	1,306	1,515	1,815
Oklahoma			25,000	25,000	25,000	25,000
Direct Reuse		6,000	8,000	8,000	8,000	8,000
Total Water Management Strategies	2,178	10,668	39,013	40,142	41,194	42,317
Reserve (Shortage)	910	0	13,395	10,887	9,105	8,041

Table C-174
Italy

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	2,376	2,731	3,081	3,438	3,838	4,279
Projected Water Demand						
Municipal Demand	282	330	362	397	439	489
Total Projected Demand	282	330	362	397	439	489
Currently Available Water Supplies						
Trinity Aquifer	208	208	208	208	208	208
Woodbine Aquifer	79	79	79	79	79	79
Total Current Supplies	287	287	287	287	287	287
Need (Demand - Current Supply)	0	43	75	110	152	202
Water Management Strategies						
Water Conservation	4	13	19	23	27	32
Waxahachie (TRWD through TRA)	0	30	56	87	125	170
Supplemental wells	0	0	0	0	0	0
Total Water Management Strategies	4	43	75	110	152	202
Reserve (Shortage)	9	0	0	0	0	0

**Table C-175
Jack County Irrigation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	0	0	0	0	0	0
Currently Available Water Supplies						
Other Aquifer	25	25	25	25	25	25
Indirect Reuse	385	385	385	385	385	385
Direct reuse	27	27	26	26	25	25
Local supplies	110	110	110	110	110	110
Total Current Supplies	547	547	546	546	545	545
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Jacksboro Indirect Reuse to Mining	-385	-385	-385	-385	-385	-385
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	-385	-385	-385	-385	-385	-385
Reserve (Shortage)	162	162	161	161	160	160

**Table C-176
Jack County Livestock**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	1,025	1,025	1,025	1,025	1,025	1,025
Currently Available Water Supplies						
Other Aquifer	135	135	135	135	135	135
Local Supplies	1,665	1,665	1,665	1,665	1,665	1,665
Total Current Supplies	1,800	1,800	1,800	1,800	1,800	1,800
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	775	775	775	775	775	775

**Table C-177
Jack County Manufacturing**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	2	2	2	2	2	2
Currently Available Water Supplies						
Jacksboro (Lost Creek/Jacksboro system)	2	2	2	2	2	2
Total Current Supplies	2	2	2	2	2	2
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
None	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	0	0	0	0	0	0

**Table C-178
Jack County Mining**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	993	983	973	973	973	973
Currently Available Water Supplies						
Other Aquifer	284	284	284	284	284	284
Local Supplies	370	370	370	370	370	370
Total Current Supplies	654	654	654	654	654	654
Need (Demand - Current Supply)	339	329	319	319	319	319
Water Management Strategies						
Jacksboro Indirect Reuse to Mining	385	385	385	385	385	385
Jacksboro (Lost Creek/Jacksboro system)	11	11	11	11	11	11
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	396	396	396	396	396	396
Reserve (Shortage)	57	67	77	77	77	77

**Table C-179
Jack County Other**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	4,375	4,918	5,448	5,948	6,448	6,948
Projected Water Demand in Region C						
Municipal Demand	549	600	647	686	736	793
Total Projected Water Demand	549	600	647	686	736	793
Currently Available Water Supplies						
Jacksboro (Lost Creek/Jacksboro system)	5	5	5	5	5	5
Other Aquifer	415	415	415	415	415	415
Trinity Aquifer	100	100	100	100	100	100
Total Current Supplies	520	520	520	520	520	520
Need (Demand - Current Supply)	29	80	127	166	216	273
Water Management Strategies						
Water Conservation	7	23	33	39	44	50
Additional Water from Jacksboro	22	57	94	127	172	223
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	29	80	127	166	216	273
Reserve (Shortage)	0	0	0	0	0	0

**Table C-180
Jack County Steam Electric Power**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	2,162	2,500	2,700	2,900	3,100	3,300
Currently Available Water Supplies						
Tarrant Regional Water District	2,162	2,500	2,700	2,900	3,100	3,300
Total Current Supplies	2,162	2,500	2,700	2,900	3,100	3,300
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
None	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	0	0	0	0	0	0

**Table C-181
Jacksboro**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	4,650	4,798	4,897	4,897	4,897	4,897
Projected Water Demand						
Municipal Demand	688	699	697	686	680	680
Customers and Manufacturing Demand	40	75	112	145	190	241
Total Projected Demand	728	774	809	831	870	921
Currently Available Water Supplies						
Lost Creek/Jacksboro system	991	991	991	991	991	991
Total Current Supplies	991	991	991	991	991	991
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Water Conservation	6	19	26	28	30	33
Total Water Management Strategies	6	19	26	28	30	33
Reserve (Shortage)	269	236	208	188	151	103

**Table C-182
Johnson County Special Utility District (Region C Only)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population in Region C	2,406	3,015	3,638	4,294	5,076	5,994
Projected Water Demand in Region C						
Municipal Demand	461	587	725	885	1,080	1,276
Total Projected Region C Demand	461	587	725	885	1,080	1,276
Currently Available Water Supplies						
Mansfield (TRWD)	1,675	3,087	5,246	4,539	3,974	3,466
Total Current Supplies	1,675	3,087	5,246	4,539	3,974	3,466
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Water Conservation	7	23	30	39	50	63
Additional Supply from Mansfield	0	3,639	1,480	2,187	2,752	3,260
Grand Prairie (multiple sources)	0	6,726	6,726	6,726	6,726	6,726
Total Water Management Strategies	7	10,388	8,236	8,952	9,528	10,049
Available for Brazos G Region	1,221	12,888	12,757	12,606	12,422	12,239

**Table C-183
Josephine (Region C and D)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	941	1,262	1,514	1,820	2,119	2,449
Projected Water Demand						
Municipal Demand	259	346	415	499	580	668
Total Projected Demand	259	346	415	499	580	668
Currently Available Water Supplies						
North Texas Municipal Water District	257	282	293	317	333	357
Total Current Supplies	257	282	293	317	333	357
Need (Demand - Current Supply)	2	64	122	182	247	311
Water Management Strategies						
Water Conservation	2	15	22	31	41	52
Additional Water from NTMWD	0	49	100	151	206	259
Total Water Management Strategies	2	64	122	182	247	311
Reserve (Shortage)	0	0	0	0	0	0

**Table C-184
Justin**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	3,177	5,252	8,474	13,926	17,000	18,759
Projected Water Demand						
Municipal Demand	587	1,012	1,614	2,636	3,218	3,551
Total Projected Demand	587	1,012	1,614	2,636	3,218	3,551
Currently Available Water Supplies						
Upper Trinity Regional Water District	427	309	359	474	471	460
Trinity Aquifer	150	150	150	150	150	150
Total Current Supplies	577	459	509	624	621	610
Need (Demand - Current Supply)	10	553	1,105	2,012	2,597	2,941
Water Management Strategies						
Water Conservation	28	82	150	269	357	424
Additional Water from UTRWD	0	471	970	1,773	2,285	2,577
Supplemental wells	0	0	0	0	0	0
Total Water Management Strategies	28	553	1,120	2,042	2,642	3,001
Reserve (Shortage)	18	0	15	30	45	60

**Table C-185
Kaufman**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population In City Only	8,256	10,864	13,020	14,753	16,484	19,883
Projected Water Demand						
Municipal Demand	1,322	1,716	2,013	2,264	2,511	3,029
Customer Demand (Oak Grove)	124	148	172	201	236	283
Total Projected Demand	1,446	1,864	2,185	2,465	2,747	3,312
Currently Available Water Supplies						
North Texas Municipal Water District	1,419	1,517	1,545	1,566	1,578	1,768
Total Current Supplies	1,419	1,517	1,545	1,566	1,578	1,768
Need (Demand - Current Supply)	27	347	640	899	1,169	1,544
Water Management Strategies						
Water Conservation	35	138	128	158	189	240
Additional Water from NTMWD	0	209	512	741	980	1,304
Total Water Management Strategies	35	347	640	899	1,169	1,544
Reserve (Shortage)	8	0	0	0	0	0

**Table C-186
Kaufman County Irrigation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	2,916	2,916	2,916	2,916	2,916	2,916
Currently Available Water Supplies						
Tarrant Regional WD (Cedar Creek)	100	92	78	67	59	52
Direct Reuse	576	758	758	758	758	758
North Texas Municipal Water District	1,984	1,469	1,276	1,146	1,037	963
Local Supplies	64	64	64	64	64	64
Nacatoch Aquifer	4	4	4	4	4	4
Trinity Aquifer	185	185	185	185	185	185
Total Current Supplies	2,913	2,572	2,365	2,224	2,107	2,026
Need (Demand - Current Supply)	3	344	551	692	809	890
Water Management Strategies						
Water Conservation	4	72	140	177	212	247
Additional Water from NTMWD	0	272	411	515	597	643
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	4	344	551	692	809	890
Reserve (Shortage)	1	0	0	0	0	0

**Table C-187
Kaufman County Livestock**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	1,545	1,545	1,545	1,545	1,545	1,545
Currently Available Water Supplies						
Nacatoch Aquifer	73	73	73	73	73	73
Woodbine Aquifer	200	200	200	200	200	200
Local Supplies	1,622	1,622	1,622	1,622	1,622	1,622
Total Current Supplies	1,895	1,895	1,895	1,895	1,895	1,895
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	350	350	350	350	350	350

**Table C-188
Kaufman County Manufacturing**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	760	813	869	928	993	1,061
Currently Available Water Supplies						
North Texas Municipal Water District (through Terrell, Forney, and Kaufman)	760	662	615	590	570	567
Total Current Supplies	760	662	615	590	570	567
Need (Demand - Current Supply)	0	151	254	338	423	494
Water Management Strategies						
Water Conservation	0	1	15	22	23	25
Additional water from NTMWD	0	150	239	316	400	469
Total Water Management Strategies	0	151	254	338	423	494
Reserve (Shortage)	0	0	0	0	0	0

**Table C-189
Kaufman County Mining**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	79	80	81	82	83	84
Currently Available Water Supplies						
Local Supplies	86	86	86	86	86	86
Total Current Supplies	86	86	86	86	86	86
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
None	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	7	6	5	4	3	2

**Table C-190
Kaufman County Other**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	13,767	13,767	13,767	13,767	13,767	13,767
Projected Water Demand						
Municipal Demand	2,082	2,066	2,051	2,036	2,020	2,020
Total Projected Water Demand	2,082	2,066	2,051	2,036	2,020	2,020
Currently Available Water Supplies						
Nacatoch Aquifer	241	241	241	241	241	241
North Texas Municipal Water District	1,437	1,177	1,015	905	812	755
Tarrant Regional Water District	411	379	320	275	239	208
Total Current Supplies	2,089	1,797	1,576	1,421	1,292	1,204
Need (Demand - Current Supply)	0	269	475	615	728	816
Water Management Strategies						
Water Conservation	25	68	91	99	105	112
Additional Water from NTMWD	0	215	347	441	519	569
Additional Water from TRWD	0	20	72	112	144	174
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	25	303	510	652	768	855
Reserve (Shortage)	32	34	35	37	40	39

**Table C-191
Kaufman County Steam Electric Power**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	8,979	10,000	10,000	10,000	10,000	10,000
Currently Available Water Supplies						
Reuse from Garland (through Forney)	8,979	8,979	8,979	8,979	8,979	8,979
Total Current Supplies	8,979	8,979	8,979	8,979	8,979	8,979
Need (Demand - Current Supply)	0	1,021	1,021	1,021	1,021	1,021
Water Management Strategies						
Forney (NTMWD)	0	1,121	1,121	1,121	1,121	1,121
Trinity River Authority Reuse	0	1,000	1,000	1,000	1,000	1,000
Total Water Management Strategies	0	2,121	2,121	2,121	2,121	2,121
Reserve (Shortage)	0	1,100	1,100	1,100	1,100	1,100

**Table C-192
Keller**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	40,127	45,026	51,310	51,310	51,310	51,310
Projected Water Demand						
Municipal Demand	9,124	10,138	11,495	11,380	11,380	11,380
Total Projected Demand	9,124	10,138	11,495	11,380	11,380	11,380
Currently Available Water Supplies						
Fort Worth (TRWD)	8,856	9,301	8,965	7,680	6,725	5,864
Trinity Aquifer	10	10	10	10	10	10
Total Current Supplies	8,866	9,311	8,975	7,690	6,735	5,874
Need (Demand - Current Supply)	258	827	2,520	3,690	4,645	5,506
Water Management Strategies						
Water Conservation	268	635	1,070	1,167	1,262	1,357
Additional Water from Fort Worth	0	192	1,450	2,523	3,383	4,149
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	268	827	2,520	3,690	4,645	5,506
Reserve (Shortage)	10	0	0	0	0	0

**Table C-193
Kemp**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,400	1,700	2,000	2,000	2,000	2,000
Projected Water Demand						
Municipal Demand	224	267	307	300	296	296
Total Projected Demand	224	267	307	300	296	296
Currently Available Water Supplies						
Tarrant Regional Water District	222	245	239	202	175	152
Total Current Supplies	222	245	239	202	175	152
Need (Demand - Current Supply)	2	22	68	98	121	144
Water Management Strategies						
Water Conservation	2	9	14	15	16	17
Additional Water from TRWD	0	13	54	83	105	127
Total Water Management Strategies	2	22	68	98	121	144
Reserve (Shortage)	0	0	0	0	0	0

**Table C-194
Kennedale**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	7,000	9,064	10,114	10,824	11,303	11,626
Projected Water Demand						
Municipal Demand	1,255	1,594	1,756	1,867	1,937	1,992
Total Projected Demand	1,255	1,594	1,756	1,867	1,937	1,992
Currently Available Water Supplies						
Trinity Aquifer	953	953	953	953	953	953
Fort Worth (TRWD)	48	390	458	471	454	424
Total Current Supplies	1,001	1,343	1,411	1,424	1,407	1,377
Need (Demand - Current Supply)	254	251	345	443	530	615
Water Management Strategies						
Water Conservation	38	94	131	158	182	203
Additional Trinity Aquifer (new wells)	216	216	216	216	216	216
Additional Water from Fort Worth	0	0	0	69	132	196
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	254	310	347	443	530	615
Reserve (Shortage)	0	59	2	0	0	0

**Table C-195
Kerens**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,937	1,937	1,937	1,937	1,937	1,937
Projected Water Demand						
Municipal Demand	460	453	447	440	436	436
Total Projected Demand	460	453	447	440	436	436
Currently Available Water Supplies						
Corsicana	368	368	368	368	368	361
Total Current Supplies	368	368	368	368	368	361
Need (Demand - Current Supply)	92	85	79	72	68	75
Water Management Strategies						
Water Conservation	4	10	14	16	17	19
Additional Water from Corsicana	88	75	65	56	51	56
Total Water Management Strategies	92	85	79	72	68	75
Reserve (Shortage)	0	0	0	0	0	0

Table C-196
Kiowa Homeowners Water Supply Corporation

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	3,324	3,567	3,691	3,711	3,710	3,709
Projected Water Demand						
Municipal Demand	875	931	955	952	948	947
Total Projected Demand	875	931	955	952	948	947
Currently Available Water Supplies						
Trinity Aquifer	887	887	887	887	887	887
Total Current Supplies	887	887	887	887	887	887
Need (Demand - Current Supply)	0	44	68	65	61	60
Water Management Strategies						
Water Conservation	6	20	28	31	34	38
Cooke County Water Supply Project	0	100	100	100	100	100
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	6	120	128	131	134	138
Reserve (Shortage)	18	76	60	66	73	78

Table C-197
Krugerville

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,672	1,918	2,228	2,900	3,783	5,422
Projected Water Demand						
Municipal Demand	204	228	257	331	428	613
Total Projected Demand	204	228	257	331	428	613
Currently Available Water Supplies						
Mustang Special Utility District (UTRWD and Groundwater)	214	176	167	171	175	193
Total Current Supplies	214	176	167	171	175	193
Need (Demand - Current Supply)	0	52	90	160	253	420
Water Management Strategies						
Water Conservation	3	10	14	20	28	42
Additional Water from Mustang SUD	0	42	88	163	260	424
Total Water Management Strategies	3	52	102	183	288	466
Reserve (Shortage)	13	0	12	23	35	46

Table C-198
Krum

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	4,200	4,600	5,000	5,500	6,200	7,000
Projected Water Demand						
Municipal Demand	640	721	773	838	945	1,066
Total Projected Demand	640	721	773	838	945	1,066
Currently Available Water Supplies						
Upper Trinity Regional Water District	208	105	94	94	98	108
Trinity Aquifer	427	427	427	427	427	427
Total Current Supplies	635	532	521	521	525	535
Need (Demand - Current Supply)	5	189	252	317	420	531
Water Management Strategies						
Water Conservation	15	31	41	48	57	68
Additional Water from UTRWD	0	158	254	354	491	634
Supplemental wells	0	0	0	0	0	0
Total Water Management Strategies	15	189	295	402	548	702
Reserve (Shortage)	10	0	43	85	128	171

Table C-199
Ladonia

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	800	1,600	2,000	2,200	2,500	3,000
Projected Water Demand	291	577	715	779	879	1,055
Municipal Demand	291	577	715	779	879	1,055
Total Projected Demand	291	577	715	779	879	1,055
Currently Available Water Supplies						
Trinity Aquifer	320	320	320	320	320	320
Total Current Supplies	320	320	320	320	320	320
Need (Demand - Current Supply)	0	257	395	459	559	735
Water Management Strategies						
Water Conservation	5	31	46	57	72	95
Upper Trinity Regional Water District (Ralph Hall Lake)	0	342	492	558	663	851
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	5	373	538	615	735	946
Reserve (Shortage)	34	116	143	156	176	211

Table C-200
Lake Dallas

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	7,902	9,102	9,933	9,933	9,933	9,933
Projected Water Demand						
Municipal Demand	1,354	1,580	1,702	1,691	1,680	1,680
Total Projected Demand	1,354	1,580	1,702	1,691	1,680	1,680
Currently Available Water Supplies						
Lake Cities Municipal Utility Authority (UTRWD and Groundwater)	1,414	750	597	491	409	357
Total Current Supplies	1,414	750	597	491	409	357
Need (Demand - Current Supply)	0	830	1,105	1,200	1,271	1,323
Water Management Strategies						
Water Conservation	40	84	114	128	142	156
Additional Water from Lake Cities MUA	0	828	1,070	1,152	1,199	1,227
Total Water Management Strategies	40	912	1,184	1,280	1,341	1,383
Reserve (Shortage)	100	82	79	80	70	60

Table C-201
Lake Worth

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	4,854	5,400	6,000	6,600	7,200	7,500
Projected Water Demand						
Municipal Demand	930	1,010	1,102	1,190	1,290	1,344
Total Projected Demand	930	1,010	1,102	1,190	1,290	1,344
Currently Available Water Supplies						
Trinity Aquifer	240	240	240	240	240	240
Fort Worth (TRWD)	555	610	590	570	558	515
Total Current Supplies	795	850	830	810	798	755
Need (Demand - Current Supply)	135	160	272	380	492	589
Water Management Strategies						
Water Conservation	30	66	89	108	128	145
Additional Water from Fort Worth	0	0	78	167	259	339
New Wells	105	105	105	105	105	105
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	135	171	272	380	492	589
Reserve (Shortage)	0	11	0	0	0	0

**Table C-202
Lakeside**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,252	1,451	1,655	1,871	2,130	2,436
Projected Water Demand						
Municipal Demand	447	512	580	652	740	846
Total Projected Demand	447	512	580	652	740	846
Currently Available Water Supplies						
Trinity Aquifer	582	582	582	582	582	582
Total Current Supplies	582	582	582	582	582	582
Need (Demand - Current Supply)	0	0	0	70	158	264
Water Management Strategies						
Water Conservation	8	15	21	59	107	130
Additional Trinity Aquifer (new wells)	0	0	264	264	264	264
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	8	15	285	323	371	394
Reserve (Shortage)	143	85	287	253	213	130

**Table C-203
Lancaster**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	38,000	59,664	65,301	65,301	65,301	65,301
Projected Water Demand						
Municipal Demand	5,704	8,755	9,436	9,363	9,363	9,363
Total Projected Demand	5,704	8,755	9,436	9,363	9,363	9,363
Currently Available Water Supplies						
Dallas Water Utilities	5,162	5,601	5,601	5,601	5,601	5,066
Rockett Special Utility District (TRWD)	66	63	57	50	45	39
Total Current Supplies	5,228	5,664	5,658	5,651	5,646	5,105
Need (Demand - Current Supply)	476	3,091	3,778	3,712	3,717	4,258
Water Management Strategies						
Water Conservation	62	281	378	411	442	474
Additional Water from DWU and New Delivery Point	390	2,783	3,367	3,261	3,230	3,733
Additional Water from Rockett SUD	24	27	33	40	45	51
Total Water Management Strategies	476	3,091	3,778	3,712	3,717	4,258
Reserve (Shortage)	0	0	0	0	0	0

**Table C-204
Lavon Water Supply Corporation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	5,201	14,306	19,954	25,000	31,668	41,841
Projected Water Demand						
Municipal Demand	559	1,746	2,414	2,997	3,796	5,015
Total Projected Demand	559	1,746	2,414	2,997	3,796	5,015
Currently Available Water Supplies						
North Texas Municipal Water District	549	1,421	1,706	1,903	2,180	2,677
Total Current Supplies	549	1,421	1,706	1,903	2,180	2,677
Need (Demand - Current Supply)	10	325	708	1,094	1,616	2,338
Water Management Strategies						
Water Conservation	10	96	149	197	262	363
Additional Water from NTMWD	0	229	559	897	1,354	1,975
Total Water Management Strategies	10	325	708	1,094	1,616	2,338
Reserve (Shortage)	0	0	0	0	0	0

**Table C-205
Leonard**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	2,149	2,502	3,500	5,500	8,000	10,000
Projected Water Demand						
Municipal Demand	303	342	466	720	1,040	1,299
Total Projected Demand	303	342	466	720	1,040	1,299
Currently Available Water Supplies						
Woodbine Aquifer	333	333	333	333	333	333
Total Current Supplies	333	333	333	333	333	333
Need (Demand - Current Supply)	0	9	133	387	707	966
Water Management Strategies						
Water Conservation	6	15	26	44	67	88
Fannin County Water Supply Project	0	62	200	487	848	1,138
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	6	77	226	531	915	1,226
Reserve (Shortage)	36	68	93	144	208	260

Table C-206
Lewisville

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	97,709	110,002	122,002	136,002	155,002	176,515
Projected Water Demand						
Municipal Demand	19,263	21,317	23,506	26,051	29,517	33,613
Customer Demand (Denton Co FWSD)	99	522	704	892	1,084	1,285
Total Projected Demand	19,362	21,839	24,210	26,943	30,601	34,898
Currently Available Water Supplies						
Dallas Water Utilities	17,804	16,402	17,366	18,143	19,011	19,064
Total Current Supplies	17,804	16,402	17,366	18,143	19,011	19,064
Need (Demand - Current Supply)	1,558	5,437	6,844	8,800	11,590	15,834
Water Management Strategies						
Water Conservation	918	1,742	2,277	2,808	3,458	4,245
Additional Water from DWU with New WTP and Expansions	640	3,695	4,567	5,992	8,132	11,589
Total Water Management Strategies	1,558	5,437	6,844	8,800	11,590	15,834
Reserve (Shortage)	0	0	0	0	0	0

Table C-207
Lincoln Park

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	680	835	990	1,145	1,300	1,500
Projected Water Demand						
Municipal Demand	102	132	155	178	202	234
Total Projected Demand	102	132	155	178	202	234
Currently Available Water Supplies						
Trinity Aquifer	49	49	49	49	49	49
Upper Trinity Regional Water District	67	35	30	29	27	28
Total Current Supplies	116	84	79	78	76	77
Need (Demand - Current Supply)	0	48	76	100	126	157
Water Management Strategies						
Water Conservation	1	5	7	9	10	13
Additional Water from UTRWD	1	59	88	114	142	173
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	2	64	95	123	152	186
Reserve (Shortage)	16	16	19	23	26	29

**Table C-208
Lindsay**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	879	943	976	981	981	981
Projected Water Demand						
Municipal Demand	154	161	164	162	160	160
Total Projected Demand	154	161	164	162	160	160
Currently Available Water Supplies						
Trinity Aquifer	165	165	165	165	165	165
Total Current Supplies	165	165	165	165	165	165
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Water Conservation	2	5	7	8	8	9
Cooke County Water Supply Project	0	40	50	50	50	50
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	2	45	57	58	58	59
Reserve (Shortage)	13	49	58	61	63	64

**Table C-209
Little Elm**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	24,000	29,250	35,650	40,371	40,371	40,371
Projected Water Demand						
Municipal Demand	4,731	6,061	7,348	8,321	8,321	8,321
Total Projected Demand	4,731	6,061	7,348	8,321	8,321	8,321
Currently Available Water Supplies						
Woodbine Aquifer	286	286	286	286	286	286
North Texas Municipal Water District	3,812	4,367	4,702	4,843	4,379	4,070
Total Current Supplies	4,098	4,653	4,988	5,129	4,665	4,356
Need (Demand - Current Supply)	633	1,408	2,360	3,192	3,656	3,965
Water Management Strategies						
Water Conservation	223	445	632	789	859	929
Additional Water from NTMWD	0	553	1,318	1,993	2,387	2,626
New Wells-Woodbine Aquifer	410	410	410	410	410	410
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	633	1,408	2,360	3,192	3,656	3,965
Reserve (Shortage)	0	0	0	0	0	0

**Table C-210
Log Cabin**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	883	1,046	1,200	1,200	1,200	1,200
Projected Water Demand						
Municipal Demand	96	128	144	142	141	141
Total Projected Demand	96	128	144	142	141	141
Currently Available Water Supplies						
Carrizo-Wilcox Aquifer	275	275	275	275	275	275
Total Current Supplies	275	275	275	275	275	275
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Water Conservation	2	6	8	9	8	10
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	2	6	8	9	8	10
Reserve (Shortage)	181	153	139	142	142	144

**Table C-211
Lowry Crossing**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,898	2,434	2,910	3,000	3,000	3,000
Projected Water Demand						
Municipal Demand	366	458	541	554	551	551
Total Projected Demand	366	458	541	554	551	551
Currently Available Water Supplies						
Milligan WSC (NTMWD)	362	373	382	352	316	294
Total Current Supplies	362	373	382	352	316	294
Need (Demand - Current Supply)	4	85	159	202	235	257
Water Management Strategies						
Water Conservation	4	22	33	39	43	48
Additional Water from Milligan WSC	0	63	126	163	192	209
Total Water Management Strategies	4	85	159	202	235	257
Reserve (Shortage)	0	0	0	0	0	0

Table C-212
Lucas

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	6,400	9,849	12,000	15,500	22,000	30,000
Projected Water Demand						
Municipal Demand	1,032	1,533	1,828	2,344	3,327	4,537
Total Projected Demand	1,032	1,533	1,828	2,344	3,327	4,537
Currently Available Water Supplies						
North Texas Municipal Water District	1,018	1,248	1,292	1,489	1,911	2,422
Total Current Supplies	1,018	1,248	1,292	1,489	1,911	2,422
Need (Demand - Current Supply)	14	285	536	855	1,416	2,115
Water Management Strategies						
Water Conservation	14	56	83	116	175	254
Additional Water from NTMWD	0	229	453	739	1,241	1,861
Total Water Management Strategies	14	285	536	855	1,416	2,115
Reserve (Shortage)	0	0	0	0	0	0

Table C-213
Luella Water Supply Corporation

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	3,300	3,800	4,300	4,950	5,080	5,770
Projected Water Demand						
Municipal Demand	410	460	511	582	592	672
Total Projected Demand	410	460	511	582	592	672
Currently Available Water Supplies						
Woodbine Aquifer	450	450	450	450	450	450
Total Current Supplies	450	450	450	450	450	450
Need (Demand - Current Supply)	0	10	61	132	142	222
Water Management Strategies						
Water Conservation	5	18	27	33	36	43
Grayson County Water Supply Project (Sherman WTP)	0	38	80	140	150	220
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	5	56	107	173	186	263
Reserve (Shortage)	45	46	46	41	44	41

**Table C-214
MEN Water Supply Corporation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	3,421	3,755	4,137	4,477	4,762	5,180
Projected Water Demand						
Municipal Demand	441	471	510	542	571	621
Total Projected Demand	441	471	510	542	571	621
Currently Available Water Supplies						
Corsicana	441	471	479	492	497	515
Total Current Supplies	441	471	479	492	497	515
Need (Demand - Current Supply)	0	0	31	50	74	106
Water Management Strategies						
Water Conservation	6	18	26	30	34	39
Additional Water from Corsicana	0	0	5	20	40	67
Total Water Management Strategies	6	18	31	50	74	106
Reserve (Shortage)	6	18	0	0	0	0

**Table C-215
Mabank**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	3,074	3,729	4,401	5,142	6,058	7,194
Projected Water Demand						
Municipal Demand	671	801	931	1,083	1,269	1,507
Customer (Gun Barrel City)	704					
Total Projected Demand	1,375	801	931	1,083	1,269	1,507
Currently Available Water Supplies						
Tarrant Regional Water District	1,369	735	726	730	750	777
Total Current Supplies	1,369	735	726	730	750	777
Need (Demand - Current Supply)	6	66	205	353	519	730
Water Management Strategies						
Water Conservation	6	71	173	210	257	318
Additional Water from TRWD and Treatment Plant Expansion	0	0	32	143	262	412
Total Water Management Strategies	6	71	205	353	519	730
Reserve (Shortage)	0	5	0	0	0	0

**Table C-216
MacBee Special Utility District (Region C Only)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population in Region C	277	348	421	502	602	726
Projected Water Demand in Region C						
Municipal Demand	36	45	54	65	78	94
Total Projected Demand in Region C	36	45	54	65	78	94
Currently Available Water Supplies						
Sabine River Authority (Region D)	36	43	51	62	74	88
Total Current Supplies	36	43	51	62	74	88
Need (Demand - Current Supply)	0	2	3	3	4	6
Water Management Strategies						
Water Conservation	0	2	3	3	4	6
Total Water Management Strategies	0	2	3	3	4	6
Reserve (Shortage)	0	0	0	0	0	0

Note: Water Management Strategies for MacBee SUD are covered in the Region D plan.

**Table C-217
Malakoff**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	2,390	2,535	2,678	2,824	3,003	3,228
Projected Water Demand						
Municipal Demand	348	361	372	383	404	434
Total Projected Demand	348	361	372	383	404	434
Currently Available Water Supplies						
Carrizo-Wilcox Aquifer	410	410	410	410	410	410
Tarrant Regional Water District	171	165	145	129	119	112
Total Current Supplies	581	575	555	539	529	522
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Water Conservation	3	11	15	17	20	22
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	3	11	15	17	20	22
Reserve (Shortage)	236	225	198	173	145	110

**Table C-218
Mansfield (Regions C and G)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population (In City Only)	57,337	87,375	108,258	123,658	139,058	154,458
Projected Water Demand						
Municipal Demand	13,632	19,020	24,481	29,385	33,043	36,701
Manufacturing and Customer Demand	1,855	10,293	13,688	13,721	13,751	13,777
Total Projected Demand	15,487	29,313	38,169	43,106	46,794	50,478
Currently Available Water Supplies						
Tarrant Regional Water District (Limited by Treatment Plant Capacity)	14,956	16,815	16,815	16,815	16,815	16,815
Total Current Supplies	14,956	16,815	16,815	16,815	16,815	16,815
Need (Demand - Current Supply)	531	12,498	21,354	26,291	29,979	33,663
Water Management Strategies						
Water Conservation (Mansfield and Customers)	531	1,914	2,709	3,459	4,146	4,889
Additional Water from TRWD, Treatment Plant Expansions, and New Plant	0	10,584	18,645	22,832	25,833	28,774
Total Water Management Strategies	531	12,498	21,354	26,291	29,979	33,663
Reserve (Shortage)	0	0	0	0	0	0

Note: See Appendix H for details on customer demands.

**Table C-219
Marilee Special Utility District**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	4,300	6,400	8,653	10,679	13,471	16,560
Projected Water Demand						
Municipal Demand	530	774	1,027	1,256	1,585	1,948
Total Projected Demand	530	774	1,027	1,256	1,585	1,948
Currently Available Water Supplies						
Trinity Aquifer	634	634	634	634	634	634
Grayson County Water Supply Project (Sherman Plant)	127	100	203	262	326	353
Total Current Supplies	761	734	837	896	960	987
Need (Demand - Current Supply)	0	40	190	360	625	961
Water Management Strategies						
Water Conservation	14	50	74	96	126	162
Additional Water from Grayson County Water Supply Project	0	50	197	388	674	997
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	14	100	271	484	800	1,159
Reserve (Shortage)	245	60	81	124	175	198

**Table C-220
Maypearl**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,000	1,250	1,500	1,500	1,500	1,500
Projected Water Demand						
Municipal Demand	195	238	282	276	272	272
Total Projected Demand	195	238	282	276	272	272
Currently Available Water Supplies						
Trinity Aquifer	55	55	55	55	55	55
Woodbine Aquifer	160	160	160	160	160	160
Total Current Supplies	215	215	215	215	215	215
Need (Demand - Current Supply)	0	23	67	61	57	57
Water Management Strategies						
Water Conservation	2	13	19	21	23	26
Ellis County Water Supply Projects (Waxahachie from TRA from TRWD)	0	10	48	40	34	31
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	2	23	67	61	57	57
Reserve (Shortage)	22	0	0	0	0	0

**Table C-221
McKinney**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	130,000	200,000	275,000	350,000	380,000	380,000
Projected Water Demand						
Municipal Demand	34,366	53,767	73,929	94,092	102,157	102,157
Customer Demand*	1,581	1,937	2,242	2,559	2,902	3,268
Total Projected Demand	35,947	55,704	76,171	96,651	105,059	105,425
Currently Available Water Supplies						
North Texas Municipal Water District	35,329	45,504	54,100	61,711	60,740	56,872
Total Current Supplies	35,329	45,504	54,100	61,711	60,740	56,872
Need (Demand - Current Supply)	618	10,200	22,071	34,940	44,319	48,553
Water Management Strategies						
Water Conservation	672	4,199	8,876	12,114	14,063	15,011
Additional Water from NTMWD	0	6,078	13,321	23,015	30,539	34,171
Total Water Management Strategies	672	10,277	22,197	35,129	44,602	49,182
Reserve (Shortage)	54	77	126	189	283	629

* Customer demand includes: all of Danville WSC, 20% of North Collin WSC, and 561 ac-ft/yr for Melissa.

**Table C-222
McLendon-Chisholm**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,800	2,000	2,200	2,400	2,765	3,255
Projected Water Demand						
Municipal Demand	272	296	320	347	396	467
Total Projected Demand	272	296	320	347	396	467
Currently Available Water Supplies						
North Texas Municipal Water District (through High Point WSC and RCH WSC)	268	241	226	220	227	249
Total Current Supplies	268	241	226	220	227	249
Need (Demand - Current Supply)	4	55	94	127	169	218
Water Management Strategies						
Water Conservation	4	11	15	18	22	27
Additional Water from NTMWD	0	44	79	109	147	191
Total Water Management Strategies	4	55	94	127	169	218
Reserve (Shortage)	0	0	0	0	0	0

**Table C-223
Melissa**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	5,000	23,000	35,000	50,000	70,000	77,044
Projected Water Demand						
Municipal Demand	807	4,972	7,527	10,753	15,055	16,570
Total Projected Demand	807	4,972	7,527	10,753	15,055	16,570
Currently Available Water Supplies						
Woodbine Aquifer	108	108	108	108	108	108
North Texas Municipal Water District (through McKinney)	561	561	561	561	561	561
North Texas Municipal Water District (GTUA Collin-Grayson Municipal Alliance Pipeline)	126	3,398	4,684	6,200	8,024	8,226
Total Current Supplies	795	4,067	5,353	6,869	8,693	8,895
Need (Demand - Current Supply)	12	905	2,174	3,884	6,362	7,675
Water Management Strategies						
Water Conservation	12	146	255	401	967	1,218
Additional Water from NTMWD (GTUA CGMA Pipeline)	0	759	1,919	3,483	5,395	6,457
Treated Water Supply Line from NTMWD	0	0	0	0	0	0
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	12	905	2,174	3,884	6,362	7,675
Reserve (Shortage)	0	0	0	0	0	0

**Table C-224
Mesquite**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	142,002	165,003	180,004	183,168	183,445	183,501
Projected Water Demand						
Municipal Demand	26,245	30,312	33,874	34,469	34,521	34,532
Total Projected Demand	26,245	30,312	33,874	34,469	34,521	34,532
Currently Available Water Supplies						
North Texas Municipal Water District	26,024	24,671	23,946	21,893	19,826	18,433
Total Current Supplies	26,024	24,671	23,946	21,893	19,826	18,433
Need (Demand - Current Supply)	221	5,641	9,928	12,576	14,695	16,099
Water Management Strategies						
Water Conservation	221	1,685	2,651	3,049	3,347	3,636
Additional Water from NTMWD	0	3,956	7,277	9,527	11,348	12,463
Total Water Management Strategies	221	5,641	9,928	12,576	14,695	16,099
Reserve (Shortage)	0	0	0	0	0	0

**Table C-225
Midlothian**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population (In City Only)	4,854	5,400	6,000	6,600	7,200	7,500
Projected Water Demand						
Municipal Demand	3,438	6,765	9,174	11,151	13,178	15,206
Manufacturing and Customer Demand	4,054	12,609	12,780	13,069	13,535	14,019
Total Projected Demand	7,492	19,374	21,954	24,220	26,713	29,225
Currently Available Water Supplies						
Joe Pool Lake (TRA)	5,954	5,833	5,712	5,591	5,470	5,349
Joe Pool Lake from Grand Prairie (TRA - limited by treatment plant capacity)	1,304	1,272	1,239	1,207	1,174	1,141
Total Current Supplies	7,258	7,104	6,951	6,798	6,644	6,490
Need (Demand - Current Supply)	234	12,270	15,003	17,422	20,069	22,735
Water Management Strategies						
Water Conservation (City & customers)	234	1,432	1,927	2,346	2,780	3,245
New WTP (9 mgd), TRWD Supply		5,045	5,045	5,045	5,045	5,045
WTP Expansion (9 mgd), TRWD Supply		5,045	5,045	5,045	5,045	5,045
WTP Expansion (9 mgd), TRWD Supply		748	2,986	4,986	5,045	5,045
WTP Expansion (9 mgd), TRWD Supply				0	2,154	4,355
Total Water Management Strategies	234	12,270	15,003	17,422	20,069	22,735
Reserve (Shortage)	0	0	0	0	0	0

Note: See Appendix H for details on customer demands.

**Table C-226
Milford**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	737	737	737	737	737	737
Projected Water Demand						
Municipal Demand	132	130	127	125	122	122
Total Projected Demand	132	130	127	125	122	122
Currently Available Water Supplies						
Woodbine Aquifer	145	145	145	145	145	145
Files Valley Water Supply Corporation (BRA in Region G)	84	84	84	84	84	84
Total Current Supplies	229	229	229	229	229	229
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Water Conservation	1	4	5	5	6	6
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	1	4	5	5	6	6
Reserve (Shortage)	98	103	107	109	113	113

**Table C-227
Milligan WSC**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population						
Outside Lowry Crossing	1,621	1,621	1,621	1,621	1,621	1,621
Lowry Crossing	1,898	2,434	2,910	3,000	3,000	3,000
Total Population Served	3,519	4,055	4,531	4,621	4,621	4,621
Projected Water Demand						
Outside Lowry Crossing	202	196	191	185	183	183
Lowry Crossing	366	458	541	554	551	551
Total Projected Demand	568	654	732	739	734	734
Currently Available Water Supplies						
North Texas Municipal Water District	561	532	517	469	422	392
Total Current Supplies	561	532	517	469	422	392
Need (Demand - Current Supply)	7	122	215	270	312	342
Water Management Strategies						
Water Conservation	7	32	45	52	56	62
Additional Water from NTMWD	0	90	170	218	256	280
Total Water Management Strategies	7	122	215	270	312	342
Reserve (Shortage)	0	0	0	0	0	0

**Table C-228
Mineral Wells (Region C Only)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population in Region C	4,000	4,000	4,000	4,000	4,000	4,000
Projected Water Demand in Region C						
Municipal Demand	766	753	744	730	726	726
Total Projected Demand in Region C	766	753	744	730	726	726
Currently Available Water Supplies						
Palo Pinto County WCID # 1	756	734	719	703	697	694
Total Current Supplies	756	734	719	703	697	694
Need (Demand - Current Supply)	10	19	25	27	29	32
Water Management Strategies						
Water Conservation	10	19	25	27	29	32
Total Water Management Strategies	10	19	25	27	29	32
Reserve (Shortage)	0	0	0	0	0	0

**Table C-229
Mountain Peak Special Utility District (Region C Only)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population in Region C	6,691	7,509	7,964	9,194	11,305	14,031
Projected Water Demand in Region C						
Municipal Demand	1,207	1,337	1,409	1,607	1,975	2,452
Total Projected Demand in Region C	1,207	1,337	1,409	1,607	1,975	2,452
Currently Available Water Supplies						
Trinity Aquifer	751	751	751	751	751	751
Midlothian	63	538	513	578	723	876
Total Current Supplies	814	1,289	1,264	1,329	1,474	1,627
Need (Demand - Current Supply)	393	48	145	278	501	825
Water Management Strategies						
Water Conservation	46	85	110	141	189	257
Overdraft Trinity Aquifer in 2010	301	0	0	0	0	0
Woodbine Aquifer (new wells)	0	200	200	200	200	200
Additional Water from Midlothian	46	0	0	0	112	368
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	393	285	310	341	501	825
Reserve (Shortage)	0	237	165	63	0	0

**Table C-230
Mount Zion Water Supply Corporation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,700	1,700	1,700	1,700	1,700	1,700
Projected Water Demand						
Municipal Demand	442	436	430	425	421	421
Total Projected Demand	442	436	430	425	421	421
Currently Available Water Supplies						
North Texas Municipal Water District	439	355	304	270	242	225
Total Current Supplies	439	355	304	270	242	225
Need (Demand - Current Supply)	3	81	126	155	179	196
Water Management Strategies						
Water Conservation	3	20	25	29	32	36
Additional Water from NTMWD	0	61	101	126	147	160
Total Water Management Strategies	3	81	126	155	179	196
Reserve (Shortage)	0	0	0	0	0	0

**Table C-231
Muenster**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,700	1,800	1,900	2,000	2,100	2,200
Projected Water Demand						
Municipal Demand	339	351	366	379	395	414
Cooke County Manufacturing	0	0	60	61	63	65
Total Projected Demand	339	351	426	440	458	479
Currently Available Water Supplies						
Trinity Aquifer	339	339	339	339	339	339
Total Current Supplies	339	339	339	339	339	339
Need (Demand - Current Supply)	0	12	87	101	119	140
Water Management Strategies						
Water Conservation	3	9	13	25	29	34
New WTP at Muenster Lake	0	280	280	280	280	280
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	3	289	293	305	309	314
Reserve (Shortage)	3	277	206	204	190	174

**Table C-232
Murphy**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	14,000	28,500	28,500	28,500	28,500	28,500
Projected Water Demand						
Municipal Demand	4,234	8,556	8,556	8,556	8,556	8,556
Total Projected Demand	4,234	8,556	8,556	8,556	8,556	8,556
Currently Available Water Supplies						
North Texas Municipal Water District	4,192	6,964	6,048	5,434	4,914	4,567
Total Current Supplies	4,192	6,964	6,048	5,434	4,914	4,567
Need (Demand - Current Supply)	42	1,592	2,508	3,122	3,642	3,989
Water Management Strategies						
Water Conservation	42	411	507	580	651	722
Additional Water from NTMWD	0	1,181	2,001	2,542	2,991	3,267
Total Water Management Strategies	42	1,592	2,508	3,122	3,642	3,989
Reserve (Shortage)	0	0	0	0	0	0

**Table C-233
Mustang Special Utility District**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population						
Outside of Cities	6,580	9,897	13,015	24,500	36,000	47,000
In Crossroads	1,500	3,800	3,800	3,800	3,800	3,800
In Krugerville	1,672	1,918	2,228	2,900	3,783	5,422
In Oak Point	3,988	8,534	12,812	14,471	16,141	17,905
Total Population Served	13,740	24,149	31,855	45,671	59,724	74,127
Projected Water Demand						
Outside of Cities	921	1,474	1,939	3,623	5,323	6,949
In Crossroads	575	1,234	1,230	1,230	1,230	1,230
In Krugerville	204	228	257	331	428	613
In Oak Point	585	1,377	2,067	2,318	2,585	2,868
Total Projected Demand	2,285	4,313	5,493	7,502	9,566	11,660
Currently Available Water Supplies						
Trinity Aquifer	1,162	1,162	1,162	1,162	1,162	1,162
Upper Trinity Regional Water District	1,096	1,128	1,080	1,239	1,325	1,457
Total Current Supplies	2,258	2,290	2,242	2,401	2,487	2,619
Need (Demand - Current Supply)	27	2,023	3,251	5,101	7,079	9,041
Water Management Strategies						
Water Conservation	54	226	346	512	698	902
Additional Water from UTRWD	0	1,797	3,021	4,821	6,730	8,604
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	54	2,023	3,367	5,333	7,428	9,506
Reserve (Shortage)	27	0	116	232	349	465

**Table C-234
Navarro County Irrigation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	0	0	0	0	0	0
Currently Available Water Supplies						
Local Supplies	226	226	226	226	226	226
Total Current Supplies	226	226	226	226	226	226
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
None	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	226	226	226	226	226	226

**Table C-235
Navarro County Livestock**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	1,543	1,543	1,543	1,543	1,543	1,543
Currently Available Water Supplies						
Carrizo-Wilcox Aquifer	15	15	15	15	15	15
Livestock Local Supply	1,603	1,603	1,603	1,603	1,603	1,603
Nacatoch Aquifer	10	10	10	10	10	10
Other Aquifer	104	104	104	104	104	104
Total Current Supplies	1,732	1,732	1,732	1,732	1,732	1,732
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	189	189	189	189	189	189

**Table C-236
Navarro County Manufacturing**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	1,172	1,328	1,468	1,607	1,730	1,872
Currently Available Water Supplies						
Corsicana	586	664	689	729	754	776
Tarrant Regional Water District	586	610	572	542	511	482
Total Current Supplies	1,172	1,274	1,261	1,271	1,265	1,258
Need (Demand - Current Supply)	0	54	207	336	465	614
Water Management Strategies						
Water Conservation	0	1	16	23	25	27
Additional water from Corsicana	0	0	37	63	98	146
Additional water from TRWD	0	53	154	250	342	441
Total Water Management Strategies	0	54	207	336	465	614
Reserve (Shortage)	0	0	0	0	0	0

Table C-237
Navarro County Mining

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	89	89	89	89	89	89
Currently Available Water Supplies						
Carrizo-Wilcox Aquifer	73	73	73	73	73	73
Nacatoch Aquifer	38	38	38	38	38	38
Total Current Supplies	111	111	111	111	111	111
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	22	22	22	22	22	22

Table C-238
Navarro County Other

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,760	1,760	1,760	1,760	1,760	1,760
Projected Water Demand						
Municipal Demand	250	244	239	233	229	229
Total Projected Water Demand	250	244	239	233	229	229
Currently Available Water Supplies						
Woodbine Aquifer	200	200	200	200	200	200
Corsicana	150	146	134	127	119	114
Tarrant Regional Water District	99	90	75	63	54	47
Total Current Supplies	449	436	409	390	373	361
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Water Conservation	2	8	11	12	13	14
Additional Water from Corsicana	0	0	3	6	11	15
Additional Water from TRWD	0	0	16	25	32	39
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	2	8	30	43	56	68
Reserve (Shortage)	201	200	200	200	200	200

Table C-239
Navarro County Steam Electric Power

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	0	8,000	13,440	13,440	13,440	13,440
Currently Available Water Supplies						
None	0	0	0	0	0	0
Total Current Supplies	0	0	0	0	0	0
Need (Demand - Current Supply)	0	8,000	13,440	13,440	13,440	13,440
Water Management Strategies						
Corsicana	0	8,000	13,440	13,440	13,440	13,440
Total Water Management Strategies	0	8,000	13,440	13,440	13,440	13,440
Reserve (Shortage)	0	0	0	0	0	0

Table C-240
Navarro Mills Water Supply Corporation

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	3,090	3,690	4,290	5,000	5,800	6,600
Projected Water Demand						
Municipal Demand	329	442	500	577	663	754
Total Projected Demand	329	442	500	577	663	754
Currently Available Water Supplies						
Corsicana	329	442	470	524	578	625
Total Current Supplies	329	442	470	524	578	625
Need (Demand - Current Supply)	0	0	30	53	85	129
Water Management Strategies						
Water Conservation	5	18	27	33	41	49
Additional Water from Corsicana	0	0	3	20	44	80
Woodbine Aquifer (new well)	0	44	44	44	44	44
Total Water Management Strategies	5	62	74	97	129	173
Reserve (Shortage)	5	62	44	44	44	44

Table C-241
Nevada

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	690	1,500	1,800	3,600	6,000	15,000
Projected Water Demand						
Municipal Demand	247	528	631	1,254	2,090	5,226
Total Projected Demand	247	528	631	1,254	2,090	5,226
Currently Available Water Supplies						
Nevada WSC (NTMWD)	245	429	446	796	1,200	2,790
Total Current Supplies	245	429	446	796	1,200	2,790
Need (Demand - Current Supply)	2	99	185	458	890	2,436
Water Management Strategies						
Water Conservation	2	22	33	76	145	405
Additional Water from Nevada WSC	0	77	152	382	745	2,031
Total Water Management Strategies	2	99	185	458	890	2,436
Reserve (Shortage)	0	0	0	0	0	0

**Table C-242
New Fairview**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,587	2,167	2,732	3,290	3,921	4,654
Projected Water Demand						
Municipal Demand	201	272	340	409	488	579
Total Projected Demand	201	272	340	409	488	579
Currently Available Water Supplies						
Trinity Aquifer	221	221	221	221	221	221
Total Current Supplies	221	221	221	221	221	221
Need (Demand - Current Supply)	0	51	119	188	267	358
Water Management Strategies						
Water Conservation	4	13	20	26	32	40
Rhome (from Walnut Ck. SUD from TRWD)	0	47	99	162	235	318
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	4	60	119	188	267	358
Reserve (Shortage)	24	9	0	0	0	0

**Table C-243
New Hope**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	826	1,200	2,000	3,000	4,500	10,000
Projected Water Demand						
Municipal Demand	267	383	632	944	1,416	3,148
Total Projected Demand	267	383	632	944	1,416	3,148
Currently Available Water Supplies						
North Texas MWD (thru N. Collin WSC)	265	312	447	600	813	1,680
Total Current Supplies	265	312	447	600	813	1,680
Need (Demand - Current Supply)	2	71	185	344	603	1,468
Water Management Strategies						
Water Conservation	2	17	35	61	103	255
Additional Water from NTMWD	0	54	150	283	500	1,213
Total Water Management Strategies	2	71	185	344	603	1,468
Reserve (Shortage)	0	0	0	0	0	0

**Table C-244
Newark**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,137	1,772	2,339	3,302	4,458	6,216
Projected Water Demand						
Municipal Demand	154	232	301	418	564	787
Total Projected Demand	154	232	301	418	564	787
Currently Available Water Supplies						
Trinity Aquifer	169	169	169	169	169	169
Total Current Supplies	169	169	169	169	169	169
Need (Demand - Current Supply)	0	63	132	249	395	618
Water Management Strategies						
Water Conservation	3	11	17	26	37	54
Rhome (from Walnut Ck. SUD from TRWD)	0	52	115	223	358	564
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	3	63	132	249	395	618
Reserve (Shortage)	18	0	0	0	0	0

**Table C-245
North Collin Water Supply Corporation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	5,044	6,510	7,808	9,138	10,530	12,012
Projected Water Demand						
Municipal Demand	876	1,116	1,321	1,525	1,757	2,005
Customer Demand	267	383	632	944	1,416	3,148
Total Projected Demand	1,143	1,499	1,953	2,469	3,173	5,153
Currently Available Water Supplies						
North Texas MWD (part thru McKinney)	1,129	1,220	1,381	1,569	1,822	2,750
Total Current Supplies	1,129	1,220	1,381	1,569	1,822	2,750
Need (Demand - Current Supply)	14	279	572	900	1,351	2,403
Water Management Strategies						
Water Conservation	14	88	137	193	269	461
Additional Water from NTMWD	0	191	435	707	1,082	1,942
Total Water Management Strategies	14	279	572	900	1,351	2,403
Reserve (Shortage)	0	0	0	0	0	0

**Table C-246
North Hunt Water Supply Corporation (Region C Only)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population in Region C	380	427	462	488	514	542
Projected Water Demand in Region C						
Municipal Demand	49	55	60	63	66	70
Total Projected Demand in Region C	49	55	60	63	66	70
Currently Available Water Supplies						
Woodbine Aquifer	77	77	77	77	77	77
Total Current Supplies	77	77	77	77	77	77
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Water Conservation	1	2	3	3	4	4
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	1	2	3	3	4	4
Reserve (Shortage)	29	24	20	17	15	11

**Table C-247
North Richland Hills**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population (In City Only)	64,861	73,503	79,341	83,286	85,951	87,751
Projected Water Demand						
Municipal Demand	12,496	13,832	14,753	15,300	15,693	16,022
Manufacturing and Customer Demand	3,782	3,941	3,973	3,954	3,986	4,037
Total Projected Demand	16,278	17,773	18,726	19,254	19,679	20,059
Currently Available Water Supplies						
Trinity Aquifer	233	233	233	233	233	233
Trinity River Authority (TRWD)	8,673	8,883	8,055	7,228	6,491	5,779
Fort Worth (TRWD)	7,233	7,209	6,365	5,607	4,998	4,435
Total Current Supplies	16,139	16,325	14,653	13,068	11,722	10,447
Need (Demand - Current Supply)	139	1,448	4,073	6,186	7,957	9,612
Water Management Strategies						
Water Conservation	139	937	1,397	1,599	1,783	1,962
Additional Water from TRA	0	282	1,493	2,582	3,487	4,327
Additional Water from Fort Worth		229	1,183	2,005	2,687	3,323
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	139	1,448	4,073	6,186	7,957	9,612
Reserve (Shortage)	0	0	0	0	0	0

See Appendix H for details on demands.

**Table C-248
Northlake**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,700	4,974	5,753	11,059	16,364	19,684
Projected Water Demand						
Municipal Demand	268	808	934	1,796	2,658	3,197
Total Projected Demand	268	808	934	1,796	2,658	3,197
Currently Available Water Supplies						
Woodbine Aquifer	218	218	218	218	218	218
Fort Worth (TRWD)	265	371	364	606	785	824
Upper Trinity Regional Water District	0	145	113	169	201	212
Total Current Supplies	483	734	695	993	1,204	1,254
Need (Demand - Current Supply)	0	74	239	803	1,454	1,943
Water Management Strategies						
Water Conservation	3	29	57	125	207	276
Additional Water from Fort Worth	0	18	74	229	440	637
Upper Trinity Regional Water District	0	245	326	667	1,025	1,248
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	3	292	457	1,021	1,672	2,161
Reserve (Shortage)	218	218	218	218	218	218

**Table C-249
Oak Grove**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	928	1,141	1,360	1,602	1,902	2,274
Projected Water Demand						
Municipal Demand	124	148	172	201	236	283
Total Projected Demand	124	148	172	201	236	283
Currently Available Water Supplies						
North Kaufman County WSC (County Other, from NTMWD through Kaufman and Terrell)	122	120	122	128	136	151
Total Current Supplies	122	120	122	128	136	151
Need (Demand - Current Supply)	2	28	50	73	100	132
Water Management Strategies						
Water Conservation	2	6	9	12	15	19
Additional North Kaufman WSC	0	22	41	61	85	113
Total Water Management Strategies	2	28	50	73	100	132
Reserve (Shortage)	0	0	0	0	0	0

**Table C-250
Oak Leaf**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,502	1,774	2,042	2,316	2,622	2,960
Projected Water Demand						
Municipal Demand	338	393	448	503	567	640
Total Projected Demand	338	393	448	503	567	640
Currently Available Water Supplies						
Glenn Heights (DWU and Groundwater)	260	254	282	302	318	320
Rockett Special Utility District (TRWD)	40	39	35	31	27	24
Total Current Supplies	300	293	317	333	345	344
Need (Demand - Current Supply)	38	100	131	170	222	296
Water Management Strategies						
Water Conservation	10	20	29	37	47	58
Additional Water from Glenn Heights	13	64	82	109	147	207
Additional Water from Rockett SUD	15	16	20	24	28	31
Total Water Management Strategies	38	100	131	170	222	296
Reserve (Shortage)	0	0	0	0	0	0

**Table C-251
Oak Point**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	3,988	8,534	12,812	14,471	16,141	17,905
Projected Water Demand						
Municipal Demand	585	1,377	2,067	2,318	2,585	2,868
Total Projected Demand	585	1,377	2,067	2,318	2,585	2,868
Currently Available Water Supplies						
Mustang SUD (UTRWD and Groundwater)	350	429	475	452	427	427
Total Current Supplies	350	429	475	452	427	427
Need (Demand - Current Supply)	235	948	1,592	1,866	2,158	2,441
Water Management Strategies						
Water Conservation	9	77	141	178	220	268
Additional Water from Mustang SUD	226	871	1,451	1,688	1,938	2,173
Total Water Management Strategies	235	948	1,592	1,866	2,158	2,441
Reserve (Shortage)	0	0	0	0	0	0

**Table C-252
Ovilla**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	3,850	6,070	8,290	10,508	11,050	11,846
Projected Water Demand						
Municipal Demand	992	1,550	2,099	2,648	2,784	2,985
Total Projected Demand	992	1,550	2,099	2,648	2,784	2,985
Currently Available Water Supplies						
Dallas Water Utilities	861	1,122	1,465	1,745	1,695	1,600
Total Current Supplies	861	1,122	1,465	1,745	1,695	1,600
Need (Demand - Current Supply)	131	428	634	903	1,089	1,385
Water Management Strategies						
Water Conservation	28	83	138	197	232	274
Additional Water from DWU	103	345	496	706	857	1,111
Total Water Management Strategies	131	428	634	903	1,089	1,385
Reserve (Shortage)	0	0	0	0	0	0

**Table C-253
Palmer**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	2,178	2,335	2,490	2,648	2,826	3,022
Projected Water Demand						
Municipal Demand	271	282	293	303	320	342
Total Projected Demand	271	282	293	303	320	342
Currently Available Water Supplies						
Woodbine Aquifer	280	280	280	280	280	280
Total Current Supplies	280	280	280	280	280	280
Need (Demand - Current Supply)	0	2	13	23	40	62
Water Management Strategies						
Water Conservation	4	11	16	18	20	23
Rockett Special Utility District (TRWD)	0	0	0	5	20	39
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	4	11	16	23	40	62
Reserve (Shortage)	13	9	3	0	0	0

**Table C-254
Pantego**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	2,318	2,318	2,318	2,318	2,318	2,318
Projected Water Demand						
Municipal Demand	701	693	685	685	672	672
Total Projected Demand	701	693	685	685	672	672
Currently Available Water Supplies						
Trinity Aquifer	771	771	771	771	771	771
Total Current Supplies	771	771	771	771	771	771
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Water Conservation	11	20	25	27	29	31
Fort Worth (TRWD)	0	100	100	100	100	100
Arlington (TRWD)	0	100	100	100	100	100
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	11	220	225	227	229	231
Reserve (Shortage)	81	298	311	313	328	330

**Table C-255
Paradise**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	563	691	848	1,041	1,278	1,568
Projected Water Demand						
Municipal Demand	73	89	109	134	165	202
Total Projected Demand	73	89	109	134	165	202
Currently Available Water Supplies						
Walnut Creek SUD (TRWD)	71	82	85	90	98	104
Total Current Supplies	71	82	85	90	98	104
Need (Demand - Current Supply)	2	7	24	44	67	98
Water Management Strategies						
Water Conservation	2	4	6	7	10	12
Additional Walnut Creek SUD	0	3	18	37	57	86
Total Water Management Strategies	2	7	24	44	67	98
Reserve (Shortage)	0	0	0	0	0	0

**Table C-256
Parker**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	3,900	10,900	16,000	26,000	38,000	52,000
Projected Water Demand						
Municipal Demand	1,494	4,078	5,950	9,669	14,132	19,338
Total Projected Demand	1,494	4,078	5,950	9,669	14,132	19,338
Currently Available Water Supplies						
North Texas Municipal Water District	1,482	3,319	4,206	6,141	8,116	10,322
Total Current Supplies	1,482	3,319	4,206	6,141	8,116	10,322
Need (Demand - Current Supply)	12	759	1,744	3,528	6,016	9,016
Water Management Strategies						
Water Conservation	12	184	331	616	1,020	1,559
Additional Water from NTMWD	0	575	1,413	2,912	4,996	7,457
Total Water Management Strategies	12	759	1,744	3,528	6,016	9,016
Reserve (Shortage)	0	0	0	0	0	0

**Table C-257
Parker County Irrigation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	422	422	422	422	422	422
Currently Available Water Supplies						
Local Supplies	239	239	239	239	239	239
Direct Reuse	13	13	13	13	13	13
Trinity Aquifer	521	521	521	521	521	521
Total Current Supplies	773	773	773	773	773	773
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Supplemental wells	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	351	351	351	351	351	351

**Table C-258
Parker County Livestock**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	1,856	1,856	1,856	1,856	1,856	1,856
Currently Available Water Supplies						
Trinity Aquifer	213	213	213	213	213	213
Local Supplies	1,922	1,922	1,922	1,922	1,922	1,922
Total Current Supplies	2,135	2,135	2,135	2,135	2,135	2,135
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	279	279	279	279	279	279

**Table C-259
Parker County Manufacturing**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	779	879	974	1,068	1,150	1,248
Currently Available Water Supplies						
Mineral Wells (Palo Pinto Co. WCID)	25	25	25	25	25	25
Weatherford (Lake Weatherford)	236	266	252	241	230	219
Trinity Aquifer	18	18	18	18	18	18
Weatherford (TRWD)	623	645	608	577	544	514
Total Current Supplies	902	954	903	861	817	776
Need (Demand - Current Supply)	0	0	71	207	333	472
Water Management Strategies						
Water Conservation	0	1	6	9	9	10
Additional water from Weatherford	0	0	65	198	324	462
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	0	1	71	207	333	472
Reserve (Shortage)	123	76	0	0	0	0

**Table C-260
Parker County Mining**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	5,868	1,702	1,692	1,702	1,712	1,720
Currently Available Water Supplies						
Local supplies	20	20	20	20	20	20
Brazos River Authority	2,000	2,000	2,000	2,000	2,000	2,000
Trinity Aquifer	5,868	5,868	5,868	5,868	5,868	5,868
Total Current Supplies	7,888	7,888	7,888	7,888	7,888	7,888
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Supplemental wells	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	2,020	6,186	6,196	6,186	6,176	6,168

**Table C-261
Parker County Other**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	37,741	37,332	38,304	38,662	36,500	34,303
Projected Water Demand						
Municipal Demand	4,735	4,558	4,591	4,547	4,252	3,996
Total Projected Water Demand	4,735	4,558	4,591	4,547	4,252	3,996
Currently Available Water Supplies						
Trinity Aquifer	5,815	5,815	5,815	5,815	5,815	5,815
Other Aquifer	50	50	50	50	50	50
Mineral Wells (Palo Pinto Co. WCID)	474	479	479	479	479	479
Weatherford (Lake Weatherford)	0	86	74	64	53	43
Weatherford (TRWD)	0	145	129	113	95	81
Total Current Supplies	6,339	6,575	6,547	6,521	6,492	6,468
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Water Conservation	44	166	233	254	253	251
New WTP and Water from BRA (Region G)	0	500	500	500	500	500
Additional Water from Weatherford	0	0	38	61	74	83
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	44	666	771	815	827	834
Reserve (Shortage)	1,648	2,683	2,727	2,789	3,067	3,306

**Table C-262
Parker County Steam Electric Power**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	24	22	28	56	75	102
Currently Available Water Supplies						
Weatherford (Lake Weatherford)	24	20	22	38	44	53
Total Current Supplies	24	20	22	38	44	53
Need (Demand - Current Supply)	0	2	6	18	31	49
Water Management Strategies						
Additional Weatherford	0	2	6	18	31	49
Total Water Management Strategies	0	2	6	18	31	49
Reserve (Shortage)	0	0	0	0	0	0

**Table C-263
Payne Springs**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	730	781	831	882	945	1,024
Projected Water Demand						
Municipal Demand	165	174	182	191	203	220
Total Projected Demand	165	174	182	191	203	220
Currently Available Water Supplies						
Carrizo-Wilcox Aquifer	96	96	96	96	96	96
Total Current Supplies	96	96	96	96	96	96
Need (Demand - Current Supply)	69	78	86	95	107	124
Water Management Strategies						
Water Conservation	7	11	14	17	20	23
Carrizo-Wilcox Aquifer (new wells)	154	154	154	154	154	154
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	161	165	168	171	174	177
Reserve (Shortage)	92	87	82	76	67	53

**Table C-264
Pecan Hill**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	813	943	1,072	1,203	1,350	1,512
Projected Water Demand						
Municipal Demand	160	183	205	228	254	285
Total Projected Demand	160	183	205	228	254	285
Currently Available Water Supplies						
Rockett SUD (TRWD and Midlothian)	160	183	205	228	254	285
Total Current Supplies	160	183	205	228	254	285
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Water Conservation	1	5	7	9	11	13
Total Water Management Strategies	1	5	7	9	11	13
Reserve (Shortage)	1	5	7	9	11	13

**Table C-265
Pelican Bay**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,830	2,050	2,277	2,515	2,801	3,139
Projected Water Demand						
Municipal Demand	166	214	268	290	320	359
Total Projected Demand	166	214	268	290	320	359
Currently Available Water Supplies						
Trinity Aquifer	178	178	178	178	178	178
Total Current Supplies	178	178	178	178	178	178
Need (Demand - Current Supply)	0	36	90	112	142	181
Water Management Strategies						
Water Conservation	3	10	14	17	20	24
Azle (TRWD)	0	26	76	95	122	157
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	3	36	90	112	142	181
Reserve (Shortage)	15	0	0	0	0	0

**Table C-266
Pilot Point**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	5,047	7,067	12,000	13,290	14,100	15,000
Projected Water Demand						
Municipal Demand	763	1,124	1,895	2,069	2,195	2,335
Total Projected Demand	763	1,124	1,895	2,069	2,195	2,335
Currently Available Water Supplies						
Trinity Aquifer	673	673	673	673	673	673
Total Current Supplies	673	673	673	673	673	673
Need (Demand - Current Supply)	90	451	1,222	1,396	1,522	1,662
Water Management Strategies						
Water Conservation	9	58	122	90	103	117
Upper Trinity Regional Water District	0	226	1,017	1,307	1,504	1,714
Additional Trinity Aquifer (new wells)	167	167	167	167	167	167
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	176	451	1,306	1,564	1,774	1,998
Reserve (Shortage)	86	0	84	168	252	336

**Table C-267
Plano**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	263,300	271,100	275,000	277,000	279,000	280,000
Projected Water Demand						
Municipal Demand	75,208	76,828	77,318	77,570	77,818	78,097
Total Projected Demand	75,208	76,828	77,318	77,570	77,818	78,097
Currently Available Water Supplies						
North Texas Municipal Water District	74,702	62,531	54,657	49,267	44,693	41,687
Total Current Supplies	74,702	62,531	54,657	49,267	44,693	41,687
Need (Demand - Current Supply)	506	14,297	22,661	28,303	33,125	36,410
Water Management Strategies						
Water Conservation	506	3,307	4,365	5,053	5,724	6,395
Additional Water from NTMWD	0	10,990	18,296	23,250	27,401	30,015
Total Water Management Strategies	506	14,297	22,661	28,303	33,125	36,410
Reserve (Shortage)	0	0	0	0	0	0

**Table C-268
Ponder**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,350	5,000	10,000	16,000	18,500	19,000
Projected Water Demand						
Municipal Demand	250	913	1,815	2,903	3,357	3,448
Total Projected Demand	250	913	1,815	2,903	3,357	3,448
Currently Available Water Supplies						
Trinity Aquifer	359	359	359	359	359	359
Total Current Supplies	359	359	359	359	359	359
Need (Demand - Current Supply)	0	554	1,456	2,544	2,998	3,089
Water Management Strategies						
Water Conservation	5	58	135	240	307	344
Upper Trinity Regional Water District	0	559	1,414	2,426	2,843	2,926
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	5	617	1,549	2,666	3,150	3,270
Reserve (Shortage)	114	63	93	122	152	181

Table C-269
Post Oak Bend City

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	659	1,075	1,754	2,862	4,671	7,623
Projected Water Demand						
Municipal Demand	85	138	226	369	602	982
Total Projected Demand	85	138	226	369	602	982
Currently Available Water Supplies						
Rose Hill SUD (NTMWD)	83	112	160	234	346	524
Total Current Supplies	83	112	160	234	346	524
Need (Demand - Current Supply)	2	26	66	135	256	458
Water Management Strategies						
Water Conservation	2	6	12	20	35	61
Additional Water from Rose Hill SUD	0	20	54	115	221	397
Total Water Management Strategies	2	26	66	135	256	458
Reserve (Shortage)	0	0	0	0	0	0

Table C-270
Pottsboro

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	3,000	5,000	7,000	9,000	11,000	12,000
Projected Water Demand						
Municipal Demand	504	851	1,176	1,492	1,811	1,976
Total Projected Demand	504	851	1,176	1,492	1,811	1,976
Currently Available Water Supplies						
Woodbine Aquifer	123	123	123	123	123	123
Denison	560	560	560	560	560	560
Total Current Supplies	683	683	683	683	683	683
Need (Demand - Current Supply)	0	168	493	809	1,128	1,293
Water Management Strategies						
Water Conservation	12	59	97	137	182	216
Grayson County Water Supply Project (North WTP)	0	280	600	870	1,150	1,275
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	12	339	697	1,007	1,332	1,491
Reserve (Shortage)	191	171	204	198	204	198

**Table C-271
Princeton**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population (In City Only)	6,178	12,356	18,000	30,000	50,000	75,000
Projected Water Demand						
Municipal Demand	1,329	2,657	3,871	6,452	10,753	16,130
Culleoka Water Supply Corporation	908	1,350	1,625	1,883	2,185	2,506
Total Projected Demand	2,237	4,007	5,496	8,335	12,938	18,636
Currently Available Water Supplies						
North Texas Municipal Water District	2,207	3,261	3,885	5,294	7,431	9,948
Total Current Supplies	2,207	3,261	3,885	5,294	7,431	9,948
Need (Demand - Current Supply)	30	746	1,611	3,041	5,507	8,688
Water Management Strategies						
Water Conservation	30	193	317	539	931	1,485
Additional Water from NTMWD		553	1,294	2,502	4,576	7,203
Total Water Management Strategies	30	746	1,611	3,041	5,507	8,688
Reserve (Shortage)	0	0	0	0	0	0

**Table C-272
Prosper**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	8,000	20,000	35,000	50,000	70,000	75,000
Projected Water Demand						
Municipal Demand	1,998	5,399	9,448	13,498	18,897	20,247
Total Projected Demand	1,998	5,399	9,448	13,498	18,897	20,247
Currently Available Water Supplies						
Woodbine Aquifer	605	605	605	605	605	605
North Texas Municipal Water District	1,948	2,636	4,007	4,972	7,287	7,205
Upper Trinity Regional Water District	98	773	917	1,069	940	897
Total Current Supplies	2,651	4,014	5,529	6,646	8,832	8,707
Need (Demand - Current Supply)	0	1,385	3,919	6,852	10,065	11,540
Water Management Strategies						
Water Conservation	50	344	701	1,119	1,723	2,021
Additional Water from NTMWD	0	259	961	1,738	3,678	4,272
Additional Water from UTRWD	0	1,387	2,862	4,600	5,269	5,852
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	50	1,990	4,524	7,457	10,670	12,145
Reserve (Shortage)	703	605	605	605	605	605

**Table C-273
R-C-H Water Supply Corporation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	3,630	5,280	5,400	5,500	5,500	5,500
Projected Water Demand						
Municipal Demand	642	911	919	918	912	912
Total Projected Demand	642	911	919	918	912	912
Currently Available Water Supplies						
North Texas Municipal Water District	635	741	650	583	524	487
Total Current Supplies	635	741	650	583	524	487
Need (Demand - Current Supply)	7	170	269	335	388	425
Water Management Strategies						
Water Conservation	7	50	63	71	78	86
Direct Connection and Additional Water from NTMWD	0	120	206	264	310	339
Total Water Management Strategies	7	170	269	335	388	425
Reserve (Shortage)	0	0	0	0	0	0

**Table C-274
Red Oak**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	12,500	21,000	26,000	28,000	30,000	32,000
Projected Water Demand						
Municipal Demand	2,366	4,022	4,922	5,269	5,612	5,986
Total Projected Demand	2,366	4,022	4,922	5,269	5,612	5,986
Currently Available Water Supplies						
Woodbine Aquifer	605	605	605	605	605	605
Dallas Water Utilities	1,741	2,568	3,178	3,371	3,313	3,107
Rockett Special Utility District	118	188	202	192	184	177
Total Current Supplies	2,464	3,361	3,985	4,168	4,102	3,889
Need (Demand - Current Supply)	0	661	937	1,101	1,510	2,097
Water Management Strategies						
Water Conservation	27	205	314	382	454	534
Additional Water from Rockett SUD	0	13	44	71	97	122
Additional Water from DWU	0	443	579	648	959	1,441
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	27	661	937	1,101	1,510	2,097
Reserve (Shortage)	125	0	0	0	0	0

**Table C-275
Reno**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	2,569	2,676	2,763	2,838	2,918	3,005
Projected Water Demand						
Municipal Demand	319	321	322	321	327	337
Total Projected Demand	319	321	322	321	327	337
Currently Available Water Supplies						
Trinity Aquifer	167	167	167	167	167	167
Springtown (TRWD)	74	71	61	52	48	44
Walnut Creek SUD (TRWD)	74	70	60	52	47	44
Total Current Supplies	315	308	288	271	262	255
Need (Demand - Current Supply)	4	13	34	50	65	82
Water Management Strategies						
Water Conservation	4	13	17	19	21	22
Additional Water from Springtown	0	0	8	16	22	30
Additional Water from Walnut Ck. SUD	0	0	9	15	22	30
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	4	13	34	50	65	82
Reserve (Shortage)	0	0	0	0	0	0

**Table C-276
Rhome**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,621	2,640	4,300	6,000	7,700	9,400
Projected Water Demand						
Municipal Demand	590	955	1,541	2,151	2,760	3,369
Total Projected Demand	590	955	1,541	2,151	2,760	3,369
Currently Available Water Supplies						
Trinity Aquifer	243	243	243	243	243	243
Walnut Creek SUD (TRWD)	330	653	1,012	1,130	1,130	1,130
Total Current Supplies	573	896	1,255	1,373	1,373	1,373
Need (Demand - Current Supply)	17	59	286	778	1,387	1,996
Water Management Strategies						
Water Conservation	17	43	85	137	199	270
Additional Water from Walnut Ck. SUD	0	16	201	641	1,188	1,726
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	17	59	286	778	1,387	1,996
Reserve (Shortage)	0	0	0	0	0	0

Table C-277
Rice

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	954	1,123	1,299	1,490	1,718	1,998
Projected Water Demand						
Municipal Demand	229	265	304	347	398	463
Total Projected Demand	229	265	304	347	398	463
Currently Available Water Supplies						
Rice Water Supply Corporation (Ennis and Corsicana)	229	265	285	315	347	384
Total Current Supplies	229	265	285	315	347	384
Need (Demand - Current Supply)	0	0	19	32	51	79
Water Management Strategies						
Water Conservation	2	7	10	20	26	34
Additional Water from Rice WSC	0	0	9	12	25	45
Total Water Management Strategies	2	7	19	32	51	79
Reserve (Shortage)	2	7	0	0	0	0

Table C-278
Rice Water Supply Corporation

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population						
Outside of Rice	7,667	9,734	11,867	14,161	16,872	20,152
In Rice	954	1,123	1,299	1,490	1,718	1,998
Total Population Served	8,621	10,857	13,166	15,651	18,590	22,150
Projected Water Demand						
Outside of Rice	945	1,167	1,409	1,650	1,966	2,347
In Rice	229	265	304	347	398	463
Total Projected Demand	1,174	1,432	1,713	1,997	2,364	2,810
Currently Available Water Supplies						
Corsicana	1,174	1,432	1,608	1,813	2,060	2,329
Ennis	43	35	28	22	17	13
Total Current Supplies	1,217	1,467	1,636	1,835	2,077	2,342
Need (Demand - Current Supply)	0	0	77	162	287	468
Water Management Strategies						
Water Conservation	15	55	84	114	145	184
Additional Water from Corsicana	0	0	0	20	109	247
Additional Water from Ennis	7	15	22	28	33	37
Total Water Management Strategies	22	70	106	162	287	468
Reserve (Shortage)	65	105	29	0	0	0

**Table C-279
Richardson**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	102,880	116,000	116,000	116,000	116,000	116,000
Projected Water Demand						
Municipal Demand	32,383	36,123	35,993	35,602	35,343	35,343
Total Projected Demand	32,383	36,123	35,993	35,602	35,343	35,343
Currently Available Water Supplies						
North Texas Municipal Water District	31,797	29,401	25,444	22,612	20,299	18,866
Total Current Supplies	31,797	29,401	25,444	22,612	20,299	18,866
Need (Demand - Current Supply)	586	6,722	10,549	12,990	15,044	16,477
Water Management Strategies						
Water Conservation	586	2,010	2,531	2,814	3,091	3,386
Additional Water from NTMWD	0	4,712	8,018	10,176	11,953	13,091
Total Water Management Strategies	586	6,722	10,549	12,990	15,044	16,477
Reserve (Shortage)	0	0	0	0	0	0

**Table C-280
Richland Hills**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	8,400	9,000	9,600	10,300	10,700	10,850
Projected Water Demand						
Municipal Demand	1,327	1,381	1,441	1,511	1,558	1,580
Total Projected Demand	1,327	1,381	1,441	1,511	1,558	1,580
Currently Available Water Supplies						
Trinity Aquifer	462	462	462	462	462	462
Fort Worth (TRWD)	854	844	764	708	648	576
Total Current Supplies	1,316	1,306	1,226	1,170	1,110	1,038
Need (Demand - Current Supply)	11	75	215	341	448	542
Water Management Strategies						
Water Conservation	11	39	56	65	73	79
Additional Water from Fort Worth	0	36	159	276	375	463
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	11	75	215	341	448	542
Reserve (Shortage)	0	0	0	0	0	0

**Table C-281
River Oaks**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	7,100	7,100	7,100	7,100	7,100	7,100
Projected Water Demand						
Municipal Demand	1,010	986	954	931	923	923
Total Projected Demand	1,010	986	954	931	923	923
Currently Available Water Supplies						
Tarrant Regional Water District	1,000	905	744	628	545	475
Total Current Supplies	1,000	905	744	628	545	475
Need (Demand - Current Supply)	10	81	210	303	378	448
Water Management Strategies						
Water Conservation	10	34	45	49	52	55
Additional Water from TRWD	0	47	165	254	326	393
Total Water Management Strategies	10	81	210	303	378	448
Reserve (Shortage)	0	0	0	0	0	0

**Table C-282
Roanoke**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	7,000	10,080	13,160	16,240	21,615	26,197
Projected Water Demand						
Municipal Demand	1,756	2,732	3,538	4,348	5,787	7,013
Total Projected Demand	1,756	2,732	3,538	4,348	5,787	7,013
Currently Available Water Supplies						
Trinity Aquifer	258	258	258	258	258	258
Fort Worth (TRWD)	1,482	2,271	2,558	2,760	3,267	3,481
Total Current Supplies	1,740	2,529	2,816	3,018	3,525	3,739
Need (Demand - Current Supply)	16	203	722	1,330	2,262	3,274
Water Management Strategies						
Water Conservation	16	124	208	296	441	594
Additional Water from Fort Worth	0	79	514	1,034	1,821	2,680
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	16	203	722	1,330	2,262	3,274
Reserve (Shortage)	0	0	0	0	0	0

**Table C-283
Rockett Special Utility District**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population (Outside of Cities)	35,657	46,460	58,744	68,833	74,313	74,954
Projected Water Demand						
Municipal Demand	4,713	5,985	7,436	8,636	9,240	9,320
Areas Inside Cities and Customers	1,297	3,606	4,511	4,578	4,690	4,811
Total Projected Demand	6,010	9,591	11,947	13,214	13,930	14,131
Currently Available Water Supplies						
Midlothian	1,926	2,242	2,242	2,242	2,242	2,242
Trinity River Authority (TRWD), Capped by Water Treatment Plant Capacity	4,356	5,600	5,600	5,600	5,600	5,600
Total Current Supplies	6,282	7,842	7,842	7,842	7,842	7,842
Need (Demand - Current Supply)	0	1,749	4,105	5,372	6,088	6,289
Water Management Strategies						
Water Conservation	110	522	784	931	1,044	1,124
Additional Water from Trinity River Authority (with WTP Expansions)	0	1,227	3,321	4,441	5,044	5,165
Total Water Management Strategies	110	1,749	4,105	5,372	6,088	6,289
Reserve (Shortage)	382	0	0	0	0	0

Note: See Appendix H for details of demands.

**Table C-284
Rockwall**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population (Outside of Cities)	35,657	46,460	58,744	68,833	74,313	74,954
Projected Water Demand						
Municipal Demand	9,855	17,597	21,596	25,162	25,826	25,826
Manufacturing and Customer Demand	1,698	303	305	304	306	308
Total Projected Demand	11,553	17,900	21,901	25,466	26,132	26,134
Currently Available Water Supplies						
North Texas Municipal Water District	11,444	14,568	15,481	16,174	15,009	13,950
Total Current Supplies	11,444	14,568	15,481	16,174	15,009	13,950
Need (Demand - Current Supply)	109	3,332	6,420	9,292	11,123	12,184
Water Management Strategies						
Water Conservation	109	827	1,271	1,696	1,960	2,177
Additional Water from NTMWD		2,505	5,149	7,596	9,163	10,007
Total Water Management Strategies	109	3,332	6,420	9,292	11,123	12,184
Reserve (Shortage)	0	0	0	0	0	0

Note: See Appendix H for details of demands.

**Table C-285
Rockwall County Irrigation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	1,125	1,125	1,125	1,125	1,125	1,125
Currently Available Water Supplies						
North Texas Municipal Water District	62	27	0	0	0	0
Dallas Water Utilities	255	208	199	187	172	151
Direct Reuse	784	784	784	784	784	784
Total Current Supplies	1,101	1,019	983	971	956	935
Need (Demand - Current Supply)	24	106	142	154	169	190
Water Management Strategies						
Water Conservation	2	37	71	89	106	123
Additional Water from DWU	22	69	71	65	63	67
Total Water Management Strategies	24	106	142	154	169	190
Reserve (Shortage)	0	0	0	0	0	0

**Table C-286
Rockwall County Livestock**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	131	131	131	131	131	131
Currently Available Water Supplies						
Other Aquifer	21	21	21	21	21	21
Local Supplies	168	168	168	168	168	168
Total Current Supplies	189	189	189	189	189	189
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	58	58	58	58	58	58

**Table C-287
Rockwall County Manufacturing**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	20	23	26	29	32	35
Currently Available Water Supplies						
North Texas Municipal Water District (through Rockwall and Royse City)	20	18	18	19	18	18
Total Current Supplies	20	18	18	19	18	18
Need (Demand - Current Supply)	0	5	8	10	14	17
Water Management Strategies						
Water Conservation	0	0	1	1	1	1
Additional water from NTMWD	0	5	7	9	13	16
Total Water Management Strategies	0	5	8	10	14	17
Reserve (Shortage)	0	0	0	0	0	0

**Table C-288
Rockwall County Mining**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	33	33	33	33	33	33
Currently Available Water Supplies						
Local supplies	33	33	33	33	33	33
Total Current Supplies	33	33	33	33	33	33
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
None	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	0	0	0	0	0	0

**Table C-289
Rockwall County Other**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,816	1,816	1,816	1,816	1,816	1,816
Projected Water Demand						
Municipal Demand	385	385	385	383	383	383
Total Projected Water Demand	385	385	385	383	383	383
Currently Available Water Supplies						
Other Aquifer	187	187	187	187	187	187
North Texas Municipal Water District	381	313	273	243	220	204
Total Current Supplies	568	500	460	430	407	391
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Water Conservation	4	9	13	14	15	17
Additional Water from NTMWD	0	63	99	126	148	162
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	4	72	112	140	163	179
Reserve (Shortage)	187	187	187	187	187	187

**Table C-290
Rockwall County Steam Electric Power**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	0	0	0	0	0	0
Currently Available Water Supplies						
None	0	0	0	0	0	0
Total Current Supplies	0	0	0	0	0	0
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
None	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	0	0	0	0	0	0

**Table C-291
Rowlett**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	59,271	70,856	80,178	87,714	93,811	98,747
Projected Water Demand						
Municipal Demand	11,619	13,731	15,447	16,801	17,759	18,694
Total Projected Demand	11,619	13,731	15,447	16,801	17,759	18,694
Currently Available Water Supplies						
North Texas Municipal Water District	11,504	11,176	10,920	10,671	10,200	9,979
Total Current Supplies	11,504	11,176	10,920	10,671	10,200	9,979
Need (Demand - Current Supply)	115	2,555	4,527	6,130	7,559	8,715
Water Management Strategies						
Water Conservation	115	721	1,033	1,273	1,499	1,733
Additional Water from NTMWD	0	1,834	3,494	4,857	6,060	6,982
Total Water Management Strategies	115	2,555	4,527	6,130	7,559	8,715
Reserve (Shortage)	0	0	0	0	0	0

**Table C-292
Royse City**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	12,000	21,000	28,446	37,184	45,646	55,000
Projected Water Demand						
Municipal Demand	2,501	4,422	5,959	7,789	9,561	11,521
Total Projected Demand	2,501	4,422	5,959	7,789	9,561	11,521
Currently Available Water Supplies						
North Texas Municipal Water District	2,470	3,599	4,212	4,947	5,491	6,150
Total Current Supplies	2,470	3,599	4,212	4,947	5,491	6,150
Need (Demand - Current Supply)	31	823	1,747	2,842	4,070	5,371
Water Management Strategies						
Water Conservation	31	230	381	567	776	1,031
Additional Water from NTMWD	0	593	1,366	2,275	3,294	4,340
Total Water Management Strategies	31	823	1,747	2,842	4,070	5,371
Reserve (Shortage)	0	0	0	0	0	0

**Table C-293
Runaway Bay**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,411	1,720	2,097	2,400	2,700	3,000
Projected Water Demand						
Municipal Demand	296	356	430	489	547	608
Total Projected Demand	296	356	430	489	547	608
Currently Available Water Supplies						
Tarrant Regional Water District	293	327	335	330	323	313
Total Current Supplies	293	327	335	330	323	313
Need (Demand - Current Supply)	3	29	95	159	224	295
Water Management Strategies						
Water Conservation	3	16	25	32	41	51
Additional Water from TRWD and Water Treatment Plant Expansion	0	13	70	127	183	244
Total Water Management Strategies	3	29	95	159	224	295
Reserve (Shortage)	0	0	0	0	0	0

**Table C-294
Sachse**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	20,560	23,700	27,000	27,000	27,000	27,000
Projected Water Demand						
Municipal Demand	4,399	5,124	5,806	5,746	5,746	5,746
Total Projected Demand	4,399	5,124	5,806	5,746	5,746	5,746
Currently Available Water Supplies						
North Texas Municipal Water District	4,351	4,170	4,104	3,649	3,300	3,067
Total Current Supplies	4,351	4,170	4,104	3,649	3,300	3,067
Need (Demand - Current Supply)	48	954	1,702	2,097	2,446	2,679
Water Management Strategies						
Water Conservation	48	298	461	510	558	606
Additional Water from NTMWD	0	656	1,241	1,587	1,888	2,073
Total Water Management Strategies	48	954	1,702	2,097	2,446	2,679
Reserve (Shortage)	0	0	0	0	0	0

**Table C-295
Saginaw**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	18,813	22,803	25,711	27,829	29,373	30,499
Projected Water Demand						
Municipal Demand	3,161	3,755	4,176	4,489	4,705	4,885
Total Projected Demand	3,161	3,755	4,176	4,489	4,705	4,885
Currently Available Water Supplies						
Fort Worth (TRWD)	3,126	3,447	3,257	3,030	2,780	2,517
Total Current Supplies	3,126	3,447	3,257	3,030	2,780	2,517
Need (Demand - Current Supply)	35	308	919	1,459	1,925	2,368
Water Management Strategies						
Water Conservation	35	205	292	355	412	469
Additional Water from Fort Worth	0	103	627	1,104	1,513	1,899
Total Water Management Strategies	35	308	919	1,459	1,925	2,368
Reserve (Shortage)	0	0	0	0	0	0

**Table C-296
Saint Paul**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,000	2,500	5,000	8,000	9,500	10,000
Projected Water Demand						
Municipal Demand	192	468	930	1,479	1,756	1,848
Total Projected Demand	192	468	930	1,479	1,756	1,848
Currently Available Water Supplies						
North Texas Municipal Water District	190	381	657	939	1,009	986
Total Current Supplies	190	381	657	939	1,009	986
Need (Demand - Current Supply)	2	87	273	540	747	862
Water Management Strategies						
Water Conservation	2	24	58	106	140	163
Additional Water from NTMWD	0	63	215	434	607	699
Total Water Management Strategies	2	87	273	540	747	862
Reserve (Shortage)	0	0	0	0	0	0

**Table C-297
Sanctuary**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	715	1,675	2,435	2,875	3,305	3,708
Projected Water Demand						
Municipal Demand	92	216	314	370	426	478
Total Projected Demand	92	216	314	370	426	478
Currently Available Water Supplies						
Walnut Ck. Special Utility District (TRWD)	90	198	245	250	252	246
Total Current Supplies	90	198	245	250	252	246
Need (Demand - Current Supply)	2	18	69	120	174	232
Water Management Strategies						
Water Conservation	2	10	16	20	25	29
Additional Water from Walnut Ck. SUD	0	8	53	100	149	203
Total Water Management Strategies	2	18	69	120	174	232
Reserve (Shortage)	0	0	0	0	0	0

**Table C-298
Sanger**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	7,750	12,750	17,947	21,400	23,998	25,000
Projected Water Demand						
Municipal Demand	1,302	2,114	2,935	3,476	3,871	4,033
Total Projected Demand	1,302	2,114	2,935	3,476	3,871	4,033
Currently Available Water Supplies						
Trinity Aquifer	543	543	543	543	543	543
Bolivar Water Supply Corporation (UTRWD)	561	561	561	561	534	497
Total Current Supplies	1,104	1,104	1,104	1,104	1,077	1,040
Need (Demand - Current Supply)	198	1,010	1,831	2,372	2,794	2,993
Water Management Strategies						
Water Conservation	41	123	207	276	342	390
Additional Water from Bolivar WSC	212	942	1,728	2,249	2,653	2,853
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	253	1,065	1,935	2,525	2,995	3,243
Reserve (Shortage)	55	55	104	153	201	250

Table C-299
Sansom Park Village

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	4,376	4,527	4,644	4,734	4,804	4,857
Projected Water Demand						
Municipal Demand	603	609	609	605	608	615
Total Projected Demand	603	609	609	605	608	615
Currently Available Water Supplies						
Trinity Aquifer	552	552	552	552	552	552
Fort Worth (TRWD)	45	52	44	36	33	32
Total Current Supplies	597	604	596	588	585	584
Need (Demand - Current Supply)	6	5	13	17	23	31
Water Management Strategies						
Water Conservation	6	22	30	33	35	38
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	6	22	30	33	35	38
Reserve (Shortage)	0	17	17	16	12	7

Table C-300
Sardis-Lone Elm Water Supply Corporation

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	12,036	16,036	20,036	20,036	20,036	20,036
Projected Water Demand						
Municipal Demand	2,508	3,305	4,084	4,040	4,017	4,017
Total Projected Demand	2,508	3,305	4,084	4,040	4,017	4,017
Currently Available Water Supplies						
Trinity Aquifer	1,150	1,150	1,150	1,150	1,150	1,150
Total Current Supplies	1,150	1,150	1,150	1,150	1,150	1,150
Need (Demand - Current Supply)	1,358	2,155	2,934	2,890	2,867	2,867
Water Management Strategies						
Water Conservation	100	212	313	346	378	411
Rockett Special Utility District (TRWD)	0	1,943	2,621	2,544	2,489	2,456
Overdraft Trinity Aquifer (existing wells)	1,258	0	0	0	0	0
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	1,358	2,155	2,934	2,890	2,867	2,867
Reserve (Shortage)	0	0	0	0	0	0

**Table C-301
Savoy**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	869	889	910	930	952	974
Projected Water Demand						
Municipal Demand	108	108	106	105	107	109
Total Projected Demand	108	108	106	105	107	109
Currently Available Water Supplies						
Woodbine Aquifer	119	119	119	119	119	119
Total Current Supplies	119	119	119	119	119	119
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Water Conservation	1	4	5	6	6	7
Fannin County Water Supply Project	0	7	3	1	3	5
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	1	11	8	7	9	12
Reserve (Shortage)	12	22	21	21	21	22

**Table C-302
Scurry**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	678	789	918	1,068	1,242	1,445
Projected Water Demand						
Municipal Demand	87	102	118	138	160	186
Total Projected Demand	87	102	118	138	160	186
Currently Available Water Supplies						
Gastonia-Scurry WSC (NTMWD)	85	83	83	88	92	99
Total Current Supplies	85	83	83	88	92	99
Need (Demand - Current Supply)	2	19	35	50	68	87
Water Management Strategies						
Water Conservation	2	4	6	8	9	11
Additional Water from Gastonia-Scurry WSC	0	15	29	42	59	76
Total Water Management Strategies	2	19	35	50	68	87
Reserve (Shortage)	0	0	0	0	0	0

**Table C-303
Seagoville**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population In City Only	4,854	5,400	6,000	6,600	7,200	7,500
Projected Water Demand						
Municipal Demand	2,085	2,542	3,019	3,480	3,890	4,191
Customer Demand	744	1,378	1,848	2,372	3,044	3,889
Total Projected Demand	2,829	3,920	4,867	5,852	6,934	8,080
Currently Available Water Supplies						
Dallas Water Utilities	2,601	2,944	3,491	3,941	4,308	4,414
Total Current Supplies	2,601	2,944	3,491	3,941	4,308	4,414
Need (Demand - Current Supply)	228	976	1,376	1,911	2,626	3,666
Water Management Strategies						
Water Conservation	73	142	237	323	425	550
Additional Water from DWU	155	834	1,139	1,588	2,201	3,116
Total Water Management Strategies	228	976	1,376	1,911	2,626	3,666
Reserve (Shortage)	0	0	0	0	0	0

Note: See Appendix H for details on demands.

**Table C-304
Seven Points**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,402	1,681	1,956	2,238	2,582	3,016
Projected Water Demand						
Municipal Demand	188	222	254	288	330	385
Total Projected Demand	188	222	254	288	330	385
Currently Available Water Supplies						
West Cedar Creek Municipal Utility District (TRWD)	186	204	198	194	195	198
Total Current Supplies	186	204	198	194	195	198
Need (Demand - Current Supply)	2	18	56	94	135	187
Water Management Strategies						
Water Conservation	2	8	12	15	18	23
Additional Water from WCCMUD	0	10	44	79	117	164
Total Water Management Strategies	2	18	56	94	135	187
Reserve (Shortage)	0	0	0	0	0	0

**Table C-305
Shady Shores**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	2,474	3,228	3,936	3,936	3,936	3,936
Projected Water Demand						
Municipal Demand	357	510	613	608	604	604
Total Projected Demand	357	510	613	608	604	604
Currently Available Water Supplies						
Lake Cities Municipal Utility Authority (UTRWD and Groundwater)	373	242	207	169	141	123
Total Current Supplies	373	242	207	169	141	123
Need (Demand - Current Supply)	0	268	406	439	463	481
Water Management Strategies						
Water Conservation	5	28	27	29	31	33
Additional Water from Lake Cities MUA	0	240	379	410	432	448
Total Water Management Strategies	5	268	406	439	463	481
Reserve (Shortage)	21	0	0	0	0	0

**Table C-306
Sherman**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population (In City Only)	39,300	44,400	50,600	57,700	67,000	80,000
Projected Water Demand						
Municipal Demand	10,081	11,240	12,696	14,348	16,586	19,804
Manufacturing, Steam Electric, and Customer Demand	10,949	12,432	13,973	15,494	16,894	18,700
Total Projected Demand	21,030	23,672	26,669	29,842	33,480	38,504
Currently Available Water Supplies						
Trinity Aquifer	4,083	4,083	4,083	4,083	4,083	4,083
Woodbine Aquifer	3,463	3,463	3,463	3,463	3,463	3,463
Greater Texoma Utility Authority (Lake Texoma, Treated, limited by WTP)	8,000	8,000	8,000	8,000	8,000	8,000
Greater Texoma Utility Authority (Lake Texoma, Raw)	5,600	5,600	5,600	5,600	5,600	5,600
Total Current Supplies	21,146	21,146	21,146	21,146	21,146	21,146
Need (Demand - Current Supply)	0	2,526	5,523	8,696	12,334	17,358
Water Management Strategies						
Water Conservation	67	217	333	958	1,513	1,968
Grayson County Water Supply Projects (WTP Expansions and water from GTUA)	0	5,600	8,400	8,400	14,000	19,600
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	67	5,817	8,733	9,358	15,513	21,568
Reserve (Shortage)	183	3,291	3,210	662	3,179	4,210

Table C-307
South Grayson Water Supply Corporation

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	2,700	3,450	4,100	4,825	5,650	6,675
Projected Water Demand						
Municipal Demand	381	479	561	654	760	897
Total Projected Demand	381	479	561	654	760	897
Currently Available Water Supplies						
Trinity Aquifer	360	360	360	360	360	360
Woodbine Aquifer	360	360	360	360	360	360
Total Current Supplies	720	720	720	720	720	720
Need (Demand - Current Supply)	0	0	0	0	40	177
Water Management Strategies						
Water Conservation	6	22	31	39	48	60
Collin-Grayson Municipal Alliance (GTUA and NTMWD)	0	100	100	100	100	100
Grayson County Water Supply Project (GTUA - Northwest WTP)	0	0	0	75	175	300
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	6	122	131	214	323	460
Reserve (Shortage)	345	363	290	280	283	283

Table C-308
Southlake

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	28,019	29,636	30,107	31,924	34,188	36,000
Projected Water Demand						
Municipal Demand	9,321	9,826	9,949	10,514	11,259	11,855
Total Projected Demand	9,321	9,826	9,949	10,514	11,259	11,855
Currently Available Water Supplies						
Fort Worth (TRWD)	9,068	9,015	7,756	7,093	6,651	6,107
Total Current Supplies	9,068	9,015	7,756	7,093	6,651	6,107
Need (Demand - Current Supply)	253	811	2,193	3,421	4,608	5,748
Water Management Strategies						
Water Conservation	253	435	558	681	823	965
Additional Water from Fort Worth	0	376	1,635	2,740	3,785	4,783
Total Water Management Strategies	253	811	2,193	3,421	4,608	5,748
Reserve (Shortage)	0	0	0	0	0	0

**Table C-309
Southmayd**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,200	1,500	2,000	3,000	4,500	5,600
Projected Water Demand						
Municipal Demand	160	197	258	380	565	703
Total Projected Demand	160	197	258	380	565	703
Currently Available Water Supplies						
Trinity Aquifer	130	130	130	130	130	130
Monarch Water Company (Woodbine Aquifer)	60	0	0	0	0	0
Total Current Supplies	190	130	130	130	130	130
Need (Demand - Current Supply)	0	67	128	250	435	573
Water Management Strategies						
Water Conservation	2	8	13	21	33	43
Woodbine Aquifer (new well)	0	60	60	60	60	60
Grayson County Water Supply Project (North WTP)	0	40	100	220	400	525
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	2	108	173	301	493	628
Reserve (Shortage)	32	41	45	51	58	55

**Table C-310
Southwest Fannin County Special Utility District**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	7,491	8,940	9,947	10,852	11,657	12,945
Projected Water Demand						
Municipal Demand	722	1,042	1,192	1,288	1,371	1,466
Total Projected Demand	722	1,042	1,192	1,288	1,371	1,466
Currently Available Water Supplies						
Woodbine Aquifer	803	803	803	803	803	803
Total Current Supplies	803	803	803	803	803	803
Need (Demand - Current Supply)	0	239	389	485	568	663
Water Management Strategies						
Water Conservation	15	44	62	72	82	93
Fannin County Water Supply Project	0	338	627	868	942	1,027
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	15	382	689	940	1,024	1,120
Reserve (Shortage)	96	143	300	455	456	457

**Table C-311
Springtown**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population (In City Only)	3,000	4,000	5,000	6,000	7,000	8,000
Projected Water Demand						
Municipal Demand	504	659	807	961	1,113	1,272
Sales to Reno	74	71	69	68	70	74
Total Projected Demand	578	730	876	1,029	1,183	1,346
Currently Available Water Supplies						
Trinity Aquifer	52	52	52	52	52	52
Tarrant Regional Water District	333	459	506	542	566	579
Total Current Supplies	385	511	558	594	618	631
Need (Demand - Current Supply)	193	219	318	435	565	715
Water Management Strategies						
Water Conservation	23	55	79	112	127	156
Trinity Aquifer - new wells	184	184	184	184	184	184
Additional Water from TRWD with New WTP and Expansions	0	0	55	139	254	375
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	207	239	318	435	565	715
Reserve (Shortage)	14	20	0	0	0	0

**Table C-312
Sunnyvale**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	5,000	7,000	9,000	11,000	13,000	13,300
Projected Water Demand						
Municipal Demand	1,770	2,454	3,135	3,820	4,514	4,618
Total Projected Demand	1,770	2,454	3,135	3,820	4,514	4,618
Currently Available Water Supplies						
North Texas Municipal Water District	1,756	1,997	2,216	2,426	2,593	2,465
Total Current Supplies	1,756	1,997	2,216	2,426	2,593	2,465
Need (Demand - Current Supply)	14	457	919	1,394	1,921	2,153
Water Management Strategies						
Water Conservation	14	108	174	246	328	375
Additional Water from NTMWD	0	349	745	1,148	1,593	1,778
Total Water Management Strategies	14	457	919	1,394	1,921	2,153
Reserve (Shortage)	0	0	0	0	0	0

**Table C-313
Talty**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,800	3,832	5,256	6,834	8,788	11,211
Projected Water Demand						
Municipal Demand	813	1,717	2,337	3,024	3,878	4,948
Total Projected Demand	813	1,717	2,337	3,024	3,878	4,948
Currently Available Water Supplies						
North Texas Municipal Water District (through Gastonia-Scurry SUD and Talty WSC [Kaufman Co. Other])	808	1,397	1,652	1,921	2,227	2,641
Total Current Supplies	808	1,397	1,652	1,921	2,227	2,641
Need (Demand - Current Supply)	5	320	685	1,103	1,651	2,307
Water Management Strategies						
Water Conservation	5	66	114	172	254	365
Additional Water from NTMWD	0	254	571	931	1,397	1,942
Total Water Management Strategies	5	320	685	1,103	1,651	2,307
Reserve (Shortage)	0	0	0	0	0	0

**Table C-314
Tarrant County Irrigation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	8,417	8,417	8,417	8,417	8,417	8,417
Currently Available Water Supplies						
Local Supplies	549	549	549	549	549	549
Trinity Aquifer	15	15	15	15	15	15
Indirect Reuse (DCPCMUD through Grapevine)	1,121	1,121	1,121	1,121	1,121	1,121
Direct Reuse (Azle)	300	300	300	300	300	300
Tarrant Regional Water District	5,518	3,863	3,282	2,840	2,487	2,168
Direct Reuse (Fort Worth)	897	897	897	897	897	897
Total Current Supplies	8,400	6,745	6,164	5,722	5,369	5,050
Need (Demand - Current Supply)	17	1,672	2,253	2,695	3,048	3,367
Water Management Strategies						
Water Conservation	17	274	527	660	785	910
Additional Water from TRWD	0	71	399	708	936	1,130
Additional Water from Reuse	0	1,327	1,327	1,327	1,327	1,327
Supplemental wells	0	0	0	0	0	0
Total Water Management Strategies	17	1,672	2,253	2,695	3,048	3,367
Reserve (Shortage)	0	0	0	0	0	0

**Table C-315
Tarrant County Livestock**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	803	803	803	803	803	803
Currently Available Water Supplies						
Trinity Aquifer	361	361	361	361	361	361
Local Supplies	442	442	442	442	442	442
Total Current Supplies	803	803	803	803	803	803
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	0	0	0	0	0	0

**Table C-316
Tarrant County Manufacturing**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	17,258	20,444	23,630	26,924	29,919	32,457
Currently Available Water Supplies						
Tarrant Regional Water District (through multiple suppliers)	17,258	18,766	18,430	18,171	17,680	16,724
Total Current Supplies	17,258	18,766	18,430	18,171	17,680	16,724
Need (Demand - Current Supply)	0	1,678	5,200	8,753	12,239	15,733
Water Management Strategies						
Water Conservation	0	35	413	630	711	784
Additional water from TRWD	0	1,643	4,787	8,123	11,528	14,949
Total Water Management Strategies	0	1,678	5,200	8,753	12,239	15,733
Reserve (Shortage)	0	0	0	0	0	0

**Table C-317
Tarrant County Mining**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	1,073	904	939	974	1,009	1,036
Currently Available Water Supplies						
Local supplies	342	342	342	342	342	342
Tarrant Regional Water District	536	415	366	329	298	267
Trinity Aquifer	1,073	1,073	1,073	1,073	1,073	1,073
Total Current Supplies	1,951	1,830	1,781	1,744	1,713	1,682
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	878	926	842	770	704	646

**Table C-318
Tarrant County Other**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	23,911	23,911	23,911	23,911	23,911	23,911
Projected Water Demand						
Municipal Demand	3,482	3,402	3,348	3,268	3,241	3,241
Total Projected Water Demand	3,482	3,402	3,348	3,268	3,241	3,241
Currently Available Water Supplies						
Trinity Aquifer	1,597	1,597	1,597	1,597	1,597	1,597
Tarrant Regional Water District (through various suppliers)	1,832	1,657	1,366	1,128	971	847
Total Current Supplies	3,429	3,254	2,963	2,725	2,568	2,444
Need (Demand - Current Supply)	53	148	385	543	673	797
Water Management Strategies						
Water Conservation	53	173	183	194	204	215
Additional Water from TRWD	0	0	202	349	469	582
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	53	173	385	543	673	797
Reserve (Shortage)	0	25	0	0	0	0

**Table C-319
Tarrant County Steam Electric Power**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	2,640	2,448	4,168	5,000	5,000	5,000
Currently Available Water Supplies						
Run-of-River supplies	235	187	219	257	304	362
Tarrant Regional Water District	2,640	2,247	2,059	1,782	1,560	1,360
Total Current Supplies	2,875	2,434	2,278	2,039	1,864	1,722
Need (Demand - Current Supply)	0	14	1,890	2,961	3,136	3,278
Water Management Strategies						
Additional Water from TRWD	0	202	582	859	1,080	1,280
Reuse	0	0	1,528	2,360	2,360	2,360
Total Water Management Strategies	0	202	2,110	3,219	3,440	3,640
Reserve (Shortage)	235	188	220	258	304	362

Table C-320
Teague

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	5,201	5,846	6,450	7,135	7,779	8,424
Projected Water Demand						
Municipal Demand	536	720	773	839	906	982
Total Projected Demand	536	720	773	839	906	982
Currently Available Water Supplies						
Carrizo-Wilcox Aquifer	994	994	994	994	994	994
Total Current Supplies	994	994	994	994	994	994
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Water Conservation	6	22	32	38	45	52
Additional Carrizo-Wilcox (new wells)	0	221	221	443	443	443
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	6	243	253	481	488	495
Reserve (Shortage)	464	517	474	636	576	507

Table C-321
Terrell

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population (In City Only)	16,185	45,005	65,000	85,000	97,000	110,000
Projected Water Demand						
Municipal Demand	3,807	10,385	14,780	19,138	21,731	24,643
Manufacturing and Customer Demand	1,729	2,000	2,266	2,493	2,826	3,288
Total Projected Demand	5,536	12,385	17,046	21,631	24,557	27,931
Currently Available Water Supplies						
North Texas Municipal Water District	5,490	10,081	12,050	13,739	14,103	14,910
Total Current Supplies	5,490	10,081	12,050	13,739	14,103	14,910
Need (Demand - Current Supply)	46	2,304	4,996	7,892	10,454	13,021
Water Management Strategies						
Water Conservation (Terrell and Customers)	46	620	1,184	1,711	2,138	2,639
Additional Water from NTMWD		1,684	3,812	6,181	8,316	10,382
Wholesale Water System Expansions and Upgrades	0	0	0	0	0	0
Total Water Management Strategies	46	2,304	4,996	7,892	10,454	13,021
Reserve (Shortage)	0	0	0	0	0	0

**Table C-322
The Colony**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	40,500	56,000	63,000	65,000	67,000	67,600
Projected Water Demand						
Municipal Demand	5,761	7,778	8,609	8,810	9,006	9,087
Total Projected Demand	5,761	7,778	8,609	8,810	9,006	9,087
Currently Available Water Supplies						
Trinity Aquifer	934	934	934	934	934	934
Dallas Water Utilities	4,768	5,257	5,558	5,339	5,035	4,467
Plano (NTMWD)	568	633	609	560	517	485
Total Current Supplies	6,270	6,824	7,101	6,833	6,486	5,886
Need (Demand - Current Supply)	0	954	1,508	1,977	2,520	3,201
Water Management Strategies						
Water Conservation	77	299	416	462	505	540
Additional Water from DWU	348	1,474	1,816	2,174	2,616	3,225
Additional Water from Plano	0	115	210	275	333	370
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	425	1,888	2,442	2,911	3,454	4,135
Reserve (Shortage)	934	934	934	934	934	934

**Table C-323
Tioga**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,100	2,500	3,500	4,000	4,400	4,600
Projected Water Demand						
Municipal Demand	192	428	588	663	725	757
Total Projected Demand	192	428	588	663	725	757
Currently Available Water Supplies						
Trinity Aquifer	211	211	211	211	211	211
Total Current Supplies	211	211	211	211	211	211
Need (Demand - Current Supply)	0	217	377	452	514	546
Water Management Strategies						
Water Conservation	4	31	55	68	80	90
Grayson County Water Supply Project (Sherman WTP)	0	225	375	425	475	500
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	4	256	430	493	555	590
Reserve (Shortage)	23	39	53	41	41	44

**Table C-324
Tom Bean**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,100	1,300	1,500	1,700	1,900	2,000
Projected Water Demand						
Municipal Demand	259	301	343	383	426	448
Total Projected Demand	259	301	343	383	426	448
Currently Available Water Supplies						
Woodbine Aquifer	247	247	247	247	247	247
Total Current Supplies	247	247	247	247	247	247
Need (Demand - Current Supply)	12	54	96	136	179	201
Water Management Strategies						
Water Conservation	25	71	85	98	113	122
Grayson County Water Supply Project (Sherman WTP)	0	10	40	75	120	130
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	25	81	125	173	233	252
Reserve (Shortage)	13	27	29	37	54	51

**Table C-325
Tool**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	2,618	2,990	3,357	3,733	4,192	4,771
Projected Water Demand						
Municipal Demand	405	452	500	548	610	695
Total Projected Demand	405	452	500	548	610	695
Currently Available Water Supplies						
West Cedar Creek Municipal Utility District (TRWD)	401	415	390	370	360	358
Total Current Supplies	401	415	390	370	360	358
Need (Demand - Current Supply)	4	37	110	178	250	337
Water Management Strategies						
Water Conservation	4	15	21	26	31	38
Additional Water from WCCMUD	0	22	89	152	219	299
Total Water Management Strategies	4	37	110	178	250	337
Reserve (Shortage)	0	0	0	0	0	0

**Table C-326
Trenton**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,000	1,500	2,500	4,000	6,000	8,000
Projected Water Demand						
Municipal Demand	206	302	496	780	1,163	1,550
Total Projected Demand	206	302	496	780	1,163	1,550
Currently Available Water Supplies						
Woodbine Aquifer	214	214	214	214	214	214
Total Current Supplies	214	214	214	214	214	214
Need (Demand - Current Supply)	0	88	282	566	949	1,336
Water Management Strategies						
Water Conservation	4	26	74	123	194	271
Fannin County Water Supply Project	0	110	294	586	975	1,362
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	4	136	368	709	1,169	1,633
Reserve (Shortage)	12	48	86	143	220	297

**Table C-327
Trinidad**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,112	1,135	1,158	1,181	1,210	1,246
Projected Water Demand						
Municipal Demand	183	183	183	181	184	190
Total Projected Demand	183	183	183	181	184	190
Currently Available Water Supplies						
Trinidad City Lake	450	450	450	450	450	450
Total Current Supplies	450	450	450	450	450	450
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Water Conservation	2	6	8	9	10	11
Total Water Management Strategies	2	6	8	9	10	11
Reserve (Shortage)	269	273	275	278	276	271

**Table C-328
Trophy Club**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	8,253	9,307	10,211	10,995	11,841	12,687
Projected Water Demand						
Municipal Demand	2,847	3,190	3,477	3,732	4,019	4,306
Total Projected Demand	2,847	3,190	3,477	3,732	4,019	4,306
Currently Available Water Supplies						
Trinity Aquifer	770	770	770	770	770	770
Fort Worth (TRWD)	2,057	2,221	2,111	1,999	1,920	1,822
Total Current Supplies	2,827	2,991	2,881	2,769	2,690	2,592
Need (Demand - Current Supply)	20	199	596	963	1,329	1,714
Water Management Strategies						
Water Conservation	20	133	191	243	296	353
Additional Water from Fort Worth	0	66	405	720	1,033	1,361
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	20	199	596	963	1,329	1,714
Reserve (Shortage)	0	0	0	0	0	0

**Table C-329
Two Way Special Utility District**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	5,081	6,720	8,251	9,819	11,382	12,945
Projected Water Demand						
Municipal Demand	575	813	979	1,155	1,326	1,508
Total Projected Demand	575	813	979	1,155	1,326	1,508
Currently Available Water Supplies						
Trinity Aquifer	622	622	622	622	622	622
Total Current Supplies	622	622	622	622	622	622
Need (Demand - Current Supply)	0	191	357	533	704	886
Water Management Strategies						
Water Conservation	13	40	59	75	91	109
Grayson County Water Supply Project	0	200	350	500	650	800
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	13	240	409	575	741	909
Reserve (Shortage)	60	49	52	42	37	23

**Table C-330
University Park**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	24,092	24,647	25,046	25,335	25,543	25,693
Projected Water Demand						
Municipal Demand	7,799	7,896	7,940	7,946	7,983	8,030
Total Projected Demand	7,799	7,896	7,940	7,946	7,983	8,030
Currently Available Water Supplies						
Dallas County Park Cities MUD	7,754	7,765	7,756	7,733	7,742	7,760
Total Current Supplies	7,754	7,765	7,756	7,733	7,742	7,760
Need (Demand - Current Supply)	45	131	184	213	241	270
Water Management Strategies						
Water Conservation	45	131	184	213	241	270
Total Water Management Strategies	45	131	184	213	241	270
Reserve (Shortage)	0	0	0	0	0	0

**Table C-331
Valley View**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,500	3,000	5,000	7,000	12,000	15,000
Projected Water Demand						
Municipal Demand	187	363	594	808	1,371	1,714
Total Projected Demand	187	363	594	808	1,371	1,714
Currently Available Water Supplies						
Trinity Aquifer	363	363	363	363	363	363
Total Current Supplies	363	363	363	363	363	363
Need (Demand - Current Supply)	0	0	231	445	1,008	1,351
Water Management Strategies						
Water Conservation	3	16	31	46	83	110
Cooke County Water Supply Project	0	150	400	650	1,200	1,600
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	3	166	431	696	1,283	1,710
Reserve (Shortage)	179	166	200	251	275	359

**Table C-332
Van Alstyne**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	3,000	7,500	13,500	17,000	18,500	19,200
Projected Water Demand						
Municipal Demand	504	1,411	2,510	3,142	3,419	3,549
Total Projected Demand	504	1,411	2,510	3,142	3,419	3,549
Currently Available Water Supplies						
Trinity Aquifer	235	235	235	235	235	235
Woodbine Aquifer	215	215	215	215	215	215
Greater Texoma Utility Authority (Collin-Grayson Municipal Alliance Pipeline from NTMWD)	46	782	1,291	1,291	1,291	1,291
Total Current Supplies	496	1,232	1,741	1,741	1,741	1,741
Need (Demand - Current Supply)	8	179	769	1,401	1,678	1,808
Water Management Strategies						
Water Conservation	8	82	178	253	306	348
Additional Water from GTUA and Expanded CGMA Pipeline	0	97	591	1,148	1,372	1,460
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	8	179	769	1,401	1,678	1,808
Reserve (Shortage)	0	0	0	0	0	0

**Table C-333
Venus**

See Brazos G Region Plan for Venus, which is in Johnson County.

**Table C-334
Virginia Hill Water Supply Corporation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	3,131	3,146	3,161	3,176	3,195	3,219
Projected Water Demand						
Municipal Demand	393	384	375	366	361	364
Total Projected Demand	393	384	375	366	361	364
Currently Available Water Supplies						
Carrizo-Wilcox Aquifer	443	443	443	443	443	443
Total Current Supplies	443	443	443	443	443	443
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Water Conservation	4	14	20	21	22	24
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	4	14	20	21	22	24
Reserve (Shortage)	54	73	88	98	104	103

**Table C-335
Walnut Creek Special Utility District**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population (Outside of Cities)	21,343	31,654	50,123	62,000	65,500	68,000
Projected Water Demand						
Municipal Demand	2,606	3,794	5,895	7,222	7,631	7,922
Customer Demand	1,057	1,790	2,693	3,627	4,613	5,666
Total Projected Demand	3,663	5,584	8,588	10,849	12,244	13,588
Currently Available Water Supplies						
Tarrant Regional Water District	3,575	4,204	4,204	4,204	4,204	4,204
Total Current Supplies	3,575	4,204	4,204	4,204	4,204	4,204
Need (Demand - Current Supply)	88	1,380	4,384	6,645	8,040	9,384
Water Management Strategies						
Water Conservation	88	304	548	737	886	1,040
Additional Water from TRWD, Plant Expansions, and Other Improvements	0	1,076	3,836	5,908	7,154	8,344
Total Water Management Strategies	88	1,380	4,384	6,645	8,040	9,384
Reserve (Shortage)	0	0	0	0	0	0

Note: See Appendix H for details of demands.

**Table C-336
Watauga**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	23,423	24,632	25,000	25,000	25,000	25,000
Projected Water Demand						
Municipal Demand	3,437	3,532	3,500	3,416	3,388	3,388
Total Projected Demand	3,437	3,532	3,500	3,416	3,388	3,388
Currently Available Water Supplies						
North Richland Hills (from Fort Worth from TRWD)	3,401	3,242	2,730	2,305	2,002	1,746
Total Current Supplies	3,401	3,242	2,730	2,305	2,002	1,746
Need (Demand - Current Supply)	36	290	770	1,111	1,386	1,642
Water Management Strategies						
Water Conservation	36	122	165	178	189	200
Additional Water from North Richland Hills	0	168	605	933	1,197	1,442
Total Water Management Strategies	36	290	770	1,111	1,386	1,642
Reserve (Shortage)	0	0	0	0	0	0

**Table C-337
Waxahachie**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population (In City Only)	30,000	39,000	46,342	59,322	75,937	97,206
Projected Water Demand						
Municipal Demand	6,855	8,781	10,330	13,090	16,672	21,341
Manufacturing and Customer Demand	2,255	2,900	3,521	6,275	8,976	9,979
Total Projected Demand	9,110	11,681	13,851	19,365	25,648	31,320
Currently Available Water Supplies						
Lake Bardwell	4,320	4,320	4,183	3,988	3,794	3,600
Lake Waxahachie	2,905	2,800	2,695	2,590	2,485	2,380
Reuse	4,998	5,129	5,129	5,129	5,129	5,129
Not Usable because of Plant Capacity	-3,815	-3,841	-3,599	-3,299	-3,000	-2,701
Rockett Special Utility District (Retail Sales in City)	613	613	613	613	613	613
Trinity River Authority (TRWD, limited by plant capacity)	2,325	2,440	3,765	5,605	5,605	5,605
Total Current Supplies	11,346	11,461	12,786	14,626	14,626	14,626
Need (Demand - Current Supply)	0	220	1,065	4,739	11,022	16,694
Water Management Strategies						
Water Conservation	175	857	1,365	1,866	2,499	3,332
Steam Electric Power Supply				2,116	4,129	4,454
Additional Water from Trinity River Authority and Plant Expansions	0	0	0	757	4,394	8,908
Total Water Management Strategies	175	857	1,365	4,739	11,022	16,694
Reserve (Shortage)	2,411	637	300	0	0	0

Note: See Appendix H for details of demands.

**Table C-338
Weatherford**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population (In City Only)	26,877	33,000	38,365	43,389	48,773	54,799
Projected Water Demand						
Municipal Demand	5,509	6,617	7,607	8,554	9,561	10,741
Manufacturing and Customer Demand	760	1,266	1,684	2,053	2,354	2,658
Total Projected Demand	6,269	7,883	9,291	10,607	11,915	13,399
Currently Available Water Supplies						
Lake Weatherford	2,967	2,923	2,880	2,837	2,793	2,750
Tarrant Regional Water District (limited by Treatment Plant Capacity)	3,076	4,550	4,960	5,003	5,047	5,090
Total Current Supplies	6,043	7,473	7,840	7,840	7,840	7,840
Need (Demand - Current Supply)	226	410	1,451	2,767	4,075	5,559
Water Management Strategies						
Water Conservation	227	510	714	905	1,120	1,358
Additional Water from TRWD and WTP Expansions	0	0	737	1,862	2,955	4,201
Total Water Management Strategies	227	510	1,451	2,767	4,075	5,559
Reserve (Shortage)	1	100	0	0	0	0

Note: See Appendix H for details of demands.

Table C-339
West Cedar Creek Municipal Utility District

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population						
Outside of Cities	17,100	22,567	28,089	34,021	41,323	50,443
Seven Points	1,402	1,681	1,956	2,238	2,582	3,016
Tool	2,618	2,990	3,357	3,733	4,192	4,771
Total Population Served	21,120	27,238	33,402	39,992	48,097	58,230
Projected Water Demand						
Municipal Demand	1,724	2,604	3,335	4,002	4,860	5,933
Seven Points	188	222	254	288	330	385
Tool	405	452	500	548	610	695
Total Projected Demand	2,317	3,278	4,089	4,838	5,800	7,013
Currently Available Water Supplies						
TRWD (limited by contract)	1,714	1,714	1,714	1,714	1,714	1,714
Total Current Supplies	1,714	1,714	1,714	1,714	1,714	1,714
Need (Demand - Current Supply)	603	1,564	2,375	3,124	4,086	5,299
Water Management Strategies						
Water Conservation	44	156	238	304	384	490
Additional Water from TRWD (Limited by plant capacity)	559	1,408	1,425	1,425	1,425	1,425
Additional Water from TRWD and WTP Expansions	0	0	712	1,395	2,277	3,384
Total Water Management Strategies	603	1,564	2,375	3,124	4,086	5,299
Reserve (Shortage)	0	0	0	0	0	0

Table C-340
West Wise Special Utility District

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	3,474	3,864	4,287	4,758	5,283	5,865
Projected Water Demand						
Municipal Demand	483	524	567	618	681	756
Demand for Chico	96	102	138	191	258	341
Total Projected Demand	579	626	705	809	939	1,097
Currently Available Water Supplies						
Tarrant Regional Water District (direct and through Walnut Creek SUD)	574	583	560	558	568	580
Total Current Supplies	574	583	560	558	568	580
Need (Demand - Current Supply)	5	43	145	251	371	517
Water Management Strategies						
Water Conservation (West Wise SUD and Chico)	14	28	41	51	62	76
Additional Water from TRWD and New or Expanded Water Treatment Plant	0	15	104	200	309	441
Total Water Management Strategies	14	43	145	251	371	517
Reserve (Shortage)	9	0	0	0	0	0

**Table C-341
Weston**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	2,000	4,000	7,000	20,000	35,000	60,000
Projected Water Demand						
Municipal Demand	251	672	1,482	4,234	7,410	12,702
Total Projected Demand	251	672	1,482	4,234	7,410	12,702
Currently Available Water Supplies						
Woodbine aquifer	276	276	276	276	276	276
Total Current Supplies	276	276	276	276	276	276
Need (Demand - Current Supply)	0	396	1,206	3,958	7,134	12,426
Water Management Strategies						
Water Conservation	8	50	117	370	712	1,327
North Texas Municipal Water District	0	401	1,199	3,754	6,588	11,265
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	8	451	1,316	4,124	7,300	12,592
Reserve (Shortage)	33	55	110	166	166	166

**Table C-342
Westover Hills**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	658	658	658	658	658	658
Projected Water Demand						
Municipal Demand	276	274	272	270	268	268
Total Projected Demand	276	274	272	270	268	268
Currently Available Water Supplies						
Fort Worth (TRWD)	274	252	212	182	158	138
Total Current Supplies	274	252	212	182	158	138
Need (Demand - Current Supply)	2	22	60	88	110	130
Water Management Strategies						
Water Conservation	2	12	17	19	21	24
Additional Water from Fort Worth	0	10	43	69	89	106
Total Water Management Strategies	2	22	60	88	110	130
Reserve (Shortage)	0	0	0	0	0	0

**Table C-343
Westworth Village**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	3,224	3,403	3,618	3,869	4,156	4,586
Projected Water Demand						
Municipal Demand	350	412	426	442	470	519
Total Projected Demand	350	412	426	442	470	519
Currently Available Water Supplies						
Fort Worth (TRWD)	344	378	332	298	278	267
Total Current Supplies	344	378	332	298	278	267
Need (Demand - Current Supply)	6	34	94	144	192	252
Water Management Strategies						
Water Conservation	6	17	23	27	30	35
Additional Water from Fort Worth	0	17	71	117	162	217
Total Water Management Strategies	6	34	94	144	192	252
Reserve (Shortage)	0	0	0	0	0	0

**Table C-344
White Settlement**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	15,800	17,000	18,000	19,000	20,500	22,000
Projected Water Demand						
Municipal Demand	2,531	2,647	2,742	2,831	3,031	3,253
Total Projected Demand	2,531	2,647	2,742	2,831	3,031	3,253
Currently Available Water Supplies						
Trinity Aquifer	1,007	1,007	1,007	1,007	1,007	1,007
Fort Worth (TRWD)	1,173	1,505	1,353	1,231	1,196	1,157
Total Current Supplies	2,180	2,512	2,360	2,238	2,203	2,164
Need (Demand - Current Supply)	351	135	382	593	828	1,089
Water Management Strategies						
Water Conservation	351	72	99	115	134	154
Additional Water from Fort Worth		63	283	478	694	935
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	351	135	382	593	828	1,089
Reserve (Shortage)	0	0	0	0	0	0

**Table C-345
Whitesboro**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	4,400	5,000	5,700	6,500	7,500	10,000
Projected Water Demand						
Municipal Demand	764	851	958	1,070	1,227	1,635
Total Projected Demand	764	851	958	1,070	1,227	1,635
Currently Available Water Supplies						
Trinity Aquifer	840	840	840	840	840	840
Total Current Supplies	840	840	840	840	840	840
Need (Demand - Current Supply)	0	11	118	230	387	795
Water Management Strategies						
Water Conservation	7	45	66	84	107	157
Grayson County Water Supply Project (Northwest WTP)	0	50	150	200	350	700
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	7	95	216	284	457	857
Reserve (Shortage)	83	84	98	54	70	62

**Table C-346
Whitewright**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	2,022	3,228	4,532	5,535	6,538	7,541
Projected Water Demand						
Municipal Demand	403	632	873	1,048	1,230	1,419
Total Projected Demand	403	632	873	1,048	1,230	1,419
Currently Available Water Supplies						
Woodbine Aquifer	438	438	438	438	438	438
Total Current Supplies	438	438	438	438	438	438
Need (Demand - Current Supply)	0	194	435	610	792	981
Water Management Strategies						
Water Conservation	5	34	57	78	103	130
Grayson County Water Supply Project (Sherman WTP)	0	200	400	600	750	900
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	5	234	457	678	853	1,030
Reserve (Shortage)	40	40	22	68	61	49

**Table C-347
Willow Park**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	4,164	5,871	8,278	10,000	11,200	12,000
Projected Water Demand						
Municipal Demand	681	934	1,298	1,557	1,731	1,855
Total Projected Demand	681	934	1,298	1,557	1,731	1,855
Currently Available Water Supplies						
Trinity Aquifer	757	757	757	757	757	757
Total Current Supplies	757	757	757	757	757	757
Need (Demand - Current Supply)	0	177	541	800	974	1,098
Water Management Strategies						
Water Conservation	12	59	65	83	98	112
Fort Worth (TRWD)	0	59	238	358	438	493
Weatherford (TRWD)	0	59	238	359	438	493
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	12	177	541	800	974	1,098
Reserve (Shortage)	88	0	0	0	0	0

**Table C-348
Wilmer**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	3,800	4,400	5,200	7,500	14,000	22,000
Projected Water Demand						
Municipal Demand	443	527	612	874	1,631	2,563
Total Projected Demand	443	527	612	874	1,631	2,563
Currently Available Water Supplies						
Trinity Aquifer	322	322	322	322	322	322
Hutchins (DWU)	111	154	208	372	813	1,224
Total Current Supplies	433	476	530	694	1,135	1,546
Need (Demand - Current Supply)	10	51	82	180	496	1,017
Water Management Strategies						
Water Conservation	7	21	32	49	97	160
Additional Water from Hutchins	3	30	50	131	399	857
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	10	51	82	180	496	1,017
Reserve (Shortage)	0	0	0	0	0	0

**Table C-349
Wise County Irrigation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	502	502	502	502	502	502
Currently Available Water Supplies						
Local Supplies	139	139	139	139	139	139
Trinity Aquifer	290	290	290	290	290	290
Tarrant Regional Water District	212	195	165	143	125	109
Total Current Supplies	641	624	594	572	554	538
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Water Conservation	0	5	10	13	15	18
Supplemental wells	0	0	0	0	0	0
Total Water Management Strategies	0	5	10	13	15	18
Reserve (Shortage)	139	127	102	83	67	54

**Table C-350
Wise County Livestock**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	1,714	1,714	1,714	1,714	1,714	1,714
Currently Available Water Supplies						
Trinity Aquifer	807	807	807	807	807	807
Local Supplies	1,117	1,117	1,117	1,117	1,117	1,117
Total Current Supplies	1,924	1,924	1,924	1,924	1,924	1,924
Need (Demand - Current Supply)	0	0	0	0	0	0
Water Management Strategies						
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	0	0	0	0	0	0
Reserve (Shortage)	210	210	210	210	210	210

**Table C-351
Wise County Manufacturing**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	2,313	2,660	2,979	3,277	3,539	3,858
Currently Available Water Supplies						
Other Aquifer	14	14	14	14	14	14
Tarrant Regional Water District (through multiple suppliers)	2,299	2,429	2,313	2,202	2,083	1,981
Total Current Supplies	2,313	2,443	2,327	2,216	2,097	1,995
Need (Demand - Current Supply)	0	217	652	1,061	1,442	1,863
Water Management Strategies						
Water Conservation	0	1	12	18	19	21
Additional water from TRWD	0	216	640	1,043	1,423	1,842
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	0	217	652	1,061	1,442	1,863
Reserve (Shortage)	0	0	0	0	0	0

**Table C-352
Wise County Mining**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	26,477	28,924	31,620	34,393	37,258	39,956
Currently Available Water Supplies						
Reuse	15,930	14,074	12,152	10,643	9,236	8,061
Run-of-river - Trinity	51	51	51	51	51	51
Trinity Aquifer	2,553	2,553	2,553	2,553	2,553	2,553
Tarrant Regional Water District	7,943	7,961	7,395	6,961	6,603	6,175
Total Current Supplies	26,477	24,639	22,151	20,208	18,443	16,840
Need (Demand - Current Supply)	0	4,285	9,469	14,185	18,815	23,116
Water Management Strategies						
Additional Water from TRWD	0	716	2,091	3,357	4,574	5,812
Reuse - Recycled water	0	3,569	7,378	10,828	14,241	17,304
Supplemental wells	0	0	0	0	0	0
Total Water Management Strategies	0	4,285	9,469	14,185	18,815	23,116
Reserve (Shortage)	0	0	0	0	0	0

**Table C-353
Wise County Other**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	31,801	35,218	35,218	35,218	35,218	35,218
Projected Water Demand						
Municipal Demand	3,776	4,261	4,221	4,142	4,103	4,103
Total Projected Water Demand	3,776	4,261	4,221	4,142	4,103	4,103
Currently Available Water Supplies						
Trinity Aquifer	2,984	2,984	2,984	2,984	2,984	2,984
Tarrant Regional Water District	1,863	1,955	1,646	1,398	1,212	1,057
Total Current Supplies	4,847	4,939	4,630	4,382	4,196	4,041
Need (Demand - Current Supply)	0	0	0	0	0	62
Water Management Strategies						
Water Conservation	49	166	216	232	245	259
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	49	166	216	232	245	259
Reserve (Shortage)	1,120	844	625	472	338	197

**Table C-354
Wise County Steam Electric Power**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Water Demand	1,751	1,245	1,216	1,878	2,042	2,748
Currently Available Water Supplies						
Tarrant Regional Water District	1,751	1,143	948	1,267	1,207	1,416
Total Current Supplies	1,751	1,143	948	1,267	1,207	1,416
Need (Demand - Current Supply)	0	102	268	611	835	1,332
Water Management Strategies						
Additional Water from TRWD	0	102	268	611	835	1,332
Total Water Management Strategies	0	102	268	611	835	1,332
Reserve (Shortage)	0	0	0	0	0	0

**Table C-355
Woodbine Water Supply Corporation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	5,336	5,773	6,307	6,839	7,370	7,901
Projected Water Demand						
Municipal Demand	669	712	762	802	855	915
Total Projected Demand	669	712	762	802	855	915
Currently Available Water Supplies						
Trinity Aquifer	661	661	661	661	661	661
Total Current Supplies	661	661	661	661	661	661
Need (Demand - Current Supply)	8	51	101	141	194	254
Water Management Strategies						
Water Conservation	8	28	39	46	52	59
Cooke County Water Supply Project	0	40	80	120	170	230
Supplemental Wells	0	0	0	0	0	0
Total Water Management Strategies	8	68	119	166	222	289
Reserve (Shortage)	0	17	18	25	28	35

**Table C-356
Wortham**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	1,250	1,500	1,750	2,000	2,200	2,400
Projected Water Demand						
Municipal Demand	272	321	369	414	453	495
Total Projected Demand	272	321	369	414	453	495
Currently Available Water Supplies						
Bistone Municipal WSD (Carrizo-Wilcox Aquifer, Limestone County, Region G)	560	0	0	0	0	0
Total Current Supplies	560	0	0	0	0	0
Need (Demand - Current Supply)	0	321	369	414	453	495
Water Management Strategies						
Water Conservation	14	38	49	58	68	78
Corsicana	0	300	300	300	300	300
Tarrant Regional Water District	0	300	300	300	300	300
WTP Expansion/Rehabilitation	0	0	0	0	0	0
Total Water Management Strategies	14	638	649	658	668	678
Reserve (Shortage)	302	317	280	244	215	183

Table C-357
Wylie

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2010	2020	2030	2040	2050	2060
Projected Population	40,000	52,000	63,000	75,000	75,000	75,000
Projected Water Demand						
Municipal Demand	6,810	8,737	10,586	12,601	12,601	12,601
Total Projected Demand	6,810	8,737	10,586	12,601	12,601	12,601
Currently Available Water Supplies						
North Texas Municipal Water District	6,663	7,111	7,483	8,003	7,237	6,726
Total Current Supplies	6,663	7,111	7,483	8,003	7,237	6,726
Need (Demand - Current Supply)	147	1,626	3,103	4,598	5,364	5,875
Water Management Strategies						
Water Conservation	147	673	1,213	1,556	1,662	1,767
Additional Water from NTMWD	0	953	1,890	3,042	3,702	4,108
Total Water Management Strategies	147	1,626	3,103	4,598	5,364	5,875
Reserve (Shortage)	0	0	0	0	0	0