

**Table C-1  
Ables Springs Water Supply Corporation**

Regions C and D (Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	5,662	7,336	9,354	11,824	14,931	18,873
<b>Projected Water Demand</b>						
Municipal Demand	383	494	630	796	1,006	1,271
<b>Total Projected Water Demand</b>	<b>383</b>	<b>494</b>	<b>630</b>	<b>796</b>	<b>1,006</b>	<b>1,271</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District	294	306	347	397	450	498
<b>Total Current Supplies</b>	<b>294</b>	<b>306</b>	<b>347</b>	<b>397</b>	<b>450</b>	<b>498</b>
<b>Need (Demand - Current Supply)</b>	<b>89</b>	<b>188</b>	<b>283</b>	<b>399</b>	<b>556</b>	<b>773</b>
<b>Water Management Strategies</b>						
Water Conservation	3	4	5	8	12	17
Additional Water from NTMWD	86	184	278	391	544	756
<b>Total Water Management Strategies</b>	<b>89</b>	<b>188</b>	<b>283</b>	<b>399</b>	<b>556</b>	<b>773</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-2  
Addison**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	14,539	17,431	20,323	23,215	26,107	29,000
<b>Projected Water Demand</b>						
Municipal Demand	6,002	7,113	8,235	9,376	10,536	11,701
<b>Total Projected Water Demand</b>	<b>6,002</b>	<b>7,113</b>	<b>8,235</b>	<b>9,376</b>	<b>10,536</b>	<b>11,701</b>
<b>Currently Available Water Supplies</b>						
Dallas Water Utilities	5,723	6,168	6,377	6,694	7,036	7,443
<b>Total Current Supplies</b>	<b>5,723</b>	<b>6,168</b>	<b>6,377</b>	<b>6,694</b>	<b>7,036</b>	<b>7,443</b>
<b>Need (Demand - Current Supply)</b>	<b>279</b>	<b>945</b>	<b>1,858</b>	<b>2,682</b>	<b>3,500</b>	<b>4,258</b>
<b>Water Management Strategies</b>						
Water Conservation	110	184	247	313	386	468
Additional Water from DWU	169	761	1,611	2,369	3,114	3,790
<b>Total Water Management Strategies</b>	<b>279</b>	<b>945</b>	<b>1,858</b>	<b>2,682</b>	<b>3,500</b>	<b>4,258</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-3  
Aledo**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>5,320</b>	<b>8,320</b>	<b>12,620</b>	<b>13,258</b>	<b>13,258</b>	<b>13,258</b>
<b>Projected Water Demand</b>						
Municipal Demand	822	1,262	1,900	1,992	1,991	1,990
<b>Total Projected Water Demand</b>	<b>822</b>	<b>1,262</b>	<b>1,900</b>	<b>1,992</b>	<b>1,991</b>	<b>1,990</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	398	398	398	398	398	398
Fort Worth (TRWD)	626	898	1,208	1,152	1,122	1,031
<b>Total Current Supplies</b>	<b>1,024</b>	<b>1,296</b>	<b>1,606</b>	<b>1,550</b>	<b>1,520</b>	<b>1,429</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>294</b>	<b>442</b>	<b>471</b>	<b>561</b>
<b>Water Management Strategies</b>						
Water Conservation	7	13	19	27	33	40
Add'l Water from Fort Worth (TRWD) with infrastructure as below:	25	203	540	693	836	919
Existing pipeline & pump station (3 MGD)	25	203	474	530	560	651
New parallel pipeline & pump station (0.5 MGD)			67	164	277	269
<b>Total Water Management Strategies</b>	<b>32</b>	<b>216</b>	<b>559</b>	<b>720</b>	<b>869</b>	<b>959</b>
<b>Reserve (Shortage)</b>	<b>234</b>	<b>250</b>	<b>265</b>	<b>278</b>	<b>398</b>	<b>398</b>

**Table C-4  
Allen**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>98,500</b>	<b>98,500</b>	<b>98,500</b>	<b>98,500</b>	<b>98,500</b>	<b>98,500</b>
<b>Projected Water Demand</b>						
Municipal Demand	20,533	20,336	20,215	20,139	20,108	20,106
Manufacturing Demand (3% Collin Co)	104	117	130	141	153	166
<b>Total Projected Water Demand</b>	<b>20,637</b>	<b>20,453</b>	<b>20,345</b>	<b>20,280</b>	<b>20,261</b>	<b>20,272</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District	18,917	15,582	14,277	13,407	12,545	11,611
NTMWD for Manufacturing	96	89	92	94	96	96
<b>Total Current Supplies</b>	<b>19,013</b>	<b>15,671</b>	<b>14,369</b>	<b>13,501</b>	<b>12,641</b>	<b>11,707</b>
<b>Need (Demand - Current Supply)</b>	<b>1,624</b>	<b>4,782</b>	<b>5,976</b>	<b>6,779</b>	<b>7,620</b>	<b>8,565</b>
<b>Water Management Strategies</b>						
Water Conservation	763	953	1,002	1,047	1,113	1,180
Water Conservation (manufacturing)	0	0	3	4	4	5
Additional Water from NTMWD	853	3,801	4,936	5,685	6,450	7,315
Additional NTMWD for Manufacturing	8	28	35	43	53	65
<b>Total Water Management Strategies</b>	<b>1,624</b>	<b>4,782</b>	<b>5,976</b>	<b>6,779</b>	<b>7,620</b>	<b>8,565</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-5  
Alvord**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	1,625	1,957	2,297	2,800	3,200	3,600
<b>Projected Water Demand</b>						
Municipal Demand	110	132	155	189	216	242
<b>Total Projected Water Demand</b>	<b>110</b>	<b>132</b>	<b>155</b>	<b>189</b>	<b>216</b>	<b>242</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	151	151	151	151	151	151
<b>Total Current Supplies</b>	<b>151</b>	<b>151</b>	<b>151</b>	<b>151</b>	<b>151</b>	<b>151</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>38</b>	<b>65</b>	<b>91</b>
<b>Water Management Strategies</b>						
Water Conservation	1	1	2	3	4	5
West Wise SUD (TRWD)	0	0	2	35	61	86
<b>Total Water Management Strategies</b>	<b>1</b>	<b>1</b>	<b>4</b>	<b>38</b>	<b>65</b>	<b>91</b>
<b>Reserve (Shortage)</b>	<b>42</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-6  
Anna**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	11,943	13,929	22,984	31,000	59,000	89,000
<b>Projected Water Demand</b>						
Municipal Demand	1,898	2,190	3,588	4,826	9,167	13,820
<b>Total Projected Water Demand</b>	<b>1,898</b>	<b>2,190</b>	<b>3,588</b>	<b>4,826</b>	<b>9,167</b>	<b>13,820</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	216	216	216	216	216	216
Woodbine Aquifer	706	706	706	706	706	706
North Texas Municipal Water District (GTUA Collin-Grayson Municipal Alliance)	899	972	1,668	1,668	1,668	1,668
<b>Total Current Supplies</b>	<b>1,821</b>	<b>1,894</b>	<b>2,590</b>	<b>2,590</b>	<b>2,590</b>	<b>2,590</b>
<b>Need (Demand - Current Supply)</b>	<b>77</b>	<b>296</b>	<b>998</b>	<b>2,236</b>	<b>6,577</b>	<b>11,230</b>
<b>Water Management Strategies</b>						
Water Conservation	79	211	36	64	153	276
Expand Collin-Grayson Municipal Alliance, Additional Water from GTUA/NTMWD	0	85	962	2,172	6,424	10,954
<b>Total Water Management Strategies</b>	<b>79</b>	<b>296</b>	<b>998</b>	<b>2,236</b>	<b>6,577</b>	<b>11,230</b>
<b>Reserve (Shortage)</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Alternate Water Management Strategy</b>						
Grayson County Water Supply Project (Sherman WTP)	0	85	962	2,172	6,424	10,954

**Table C-7  
Annetta**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	1,678	2,068	2,458	2,848	3,238	3,628
<b>Projected Water Demand</b>						
Municipal Demand	152	179	208	238	270	302
<b>Total Projected Water Demand</b>	<b>152</b>	<b>179</b>	<b>208</b>	<b>238</b>	<b>270</b>	<b>302</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	354	354	354	354	354	354
<b>Total Current Supplies</b>	<b>354</b>	<b>354</b>	<b>354</b>	<b>354</b>	<b>354</b>	<b>354</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	1	2	2	3	5	6
Weatherford (Tarrant Regional WD)	0	25	28	35	90	196
<b>Total Water Management Strategies</b>	<b>1</b>	<b>27</b>	<b>30</b>	<b>38</b>	<b>95</b>	<b>202</b>
<b>Reserve (Shortage)</b>	<b>203</b>	<b>202</b>	<b>176</b>	<b>154</b>	<b>179</b>	<b>254</b>

**Table C-8  
Annetta North**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	559	608	664	729	804	891
<b>Projected Water Demand</b>						
Municipal Demand	67	71	76	83	91	100
<b>Total Projected Water Demand</b>	<b>67</b>	<b>71</b>	<b>76</b>	<b>83</b>	<b>91</b>	<b>100</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	100	100	100	100	100	100
<b>Total Current Supplies</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	1	1	1	1	2	2
Weatherford (Tarrant Regional WD)	0	0	7	16	25	38
<b>Total Water Management Strategies</b>	<b>1</b>	<b>1</b>	<b>8</b>	<b>17</b>	<b>27</b>	<b>40</b>
<b>Reserve (Shortage)</b>	<b>34</b>	<b>30</b>	<b>32</b>	<b>34</b>	<b>36</b>	<b>40</b>

**Table C-9  
Annetta South**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	526	526	526	526	526	526
<b>Projected Water Demand</b>						
Municipal Demand	63	60	58	57	57	57
<b>Total Projected Water Demand</b>	<b>63</b>	<b>60</b>	<b>58</b>	<b>57</b>	<b>57</b>	<b>57</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	69	69	69	69	69	69
<b>Total Current Supplies</b>	<b>69</b>	<b>69</b>	<b>69</b>	<b>69</b>	<b>69</b>	<b>69</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	1	1	1	1	1	1
Weatherford (Tarrant Regional WD)	0	0	5	10	16	22
<b>Total Water Management Strategies</b>	<b>1</b>	<b>1</b>	<b>6</b>	<b>11</b>	<b>17</b>	<b>23</b>
<b>Reserve (Shortage)</b>	<b>7</b>	<b>10</b>	<b>17</b>	<b>23</b>	<b>29</b>	<b>35</b>

**Table C-10  
Argyle**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	6,000	9,000	13,000	13,000	13,000	13,000
<b>Projected Water Demand</b>						
Municipal Demand	1,395	2,064	2,966	2,961	2,960	2,959
<b>Total Projected Water Demand</b>	<b>1,395</b>	<b>2,064</b>	<b>2,966</b>	<b>2,961</b>	<b>2,960</b>	<b>2,959</b>
<b>Currently Available Water Supplies</b>						
Argyle WSC (groundwater)	450	450	450	450	450	450
Argyle WSC (UTRWD)	840	1,156	1,458	1,194	1,094	962
<b>Total Current Supplies</b>	<b>1,290</b>	<b>1,606</b>	<b>1,908</b>	<b>1,644</b>	<b>1,544</b>	<b>1,412</b>
<b>Need (Demand - Current Supply)</b>	<b>105</b>	<b>458</b>	<b>1,058</b>	<b>1,317</b>	<b>1,416</b>	<b>1,547</b>
<b>Water Management Strategies</b>						
Water Conservation	36	100	158	168	178	187
Additional Water from Argyle WSC	69	403	990	1,286	1,419	1,541
<b>Total Water Management Strategies</b>	<b>105</b>	<b>503</b>	<b>1,148</b>	<b>1,454</b>	<b>1,597</b>	<b>1,728</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>45</b>	<b>90</b>	<b>137</b>	<b>181</b>	<b>181</b>

**Table C-11**  
**Argyle Water Supply Corporation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>						
Outside Argyle	5,040	5,040	5,040	5,040	5,040	5,040
In Argyle	6,000	9,000	13,000	13,000	13,000	13,000
<b>Total Population Served</b>	<b>11,040</b>	<b>14,040</b>	<b>18,040</b>	<b>18,040</b>	<b>18,040</b>	<b>18,040</b>
<b>Projected Water Demand</b>						
Outside Argyle	996	991	990	990	989	989
In Argyle	1,395	2,064	2,966	2,961	2,960	2,959
<b>Total Projected Demand</b>	<b>2,391</b>	<b>3,055</b>	<b>3,956</b>	<b>3,951</b>	<b>3,949</b>	<b>3,948</b>
<b>Currently Available Water Supplies</b>						
Groundwater (outside Argyle)	500	500	500	500	500	500
Groundwater (inside Argyle)	450	450	450	450	450	450
UTRWD (outside Argyle)	601	555	488	400	366	320
UTRWD (inside Argyle)	840	1,156	1,458	1,194	1,094	962
<b>Total Current Supplies</b>	<b>2,391</b>	<b>2,661</b>	<b>2,896</b>	<b>2,544</b>	<b>2,410</b>	<b>2,232</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>394</b>	<b>1,060</b>	<b>1,407</b>	<b>1,539</b>	<b>1,716</b>
<b>Water Management Strategies</b>						
Water Conservation (outside Argyle)	24	38	42	45	48	51
Water Conservation (inside Argyle)	36	100	158	168	178	187
Add'l Water from UTRWD (outside Argyle)	0	0	59	196	275	318
Add'l Water from UTRWD (inside Argyle)	69	403	990	1,286	1,419	1,541
<b>Total Water Management Strategies</b>	<b>129</b>	<b>541</b>	<b>1,249</b>	<b>1,695</b>	<b>1,920</b>	<b>2,097</b>
<b>Reserve (Shortage)</b>	<b>129</b>	<b>147</b>	<b>189</b>	<b>288</b>	<b>381</b>	<b>381</b>

**Table C-12**  
**Arlington**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>387,725</b>	<b>412,746</b>	<b>421,748</b>	<b>426,308</b>	<b>428,127</b>	<b>428,403</b>
<b>Projected Water Demand</b>						
Municipal Demand	66,936	69,550	69,852	69,949	70,108	70,148
Manufacturing and Customer Demand	5,270	5,887	7,056	7,654	8,783	9,391
<b>Total Projected Demand</b>	<b>72,206</b>	<b>75,437</b>	<b>76,908</b>	<b>77,603</b>	<b>78,891</b>	<b>79,539</b>
<b>Currently Available Water Supplies</b>						
Fort Worth (Reuse)	178	178	178	178	178	178
Tarrant Regional Water District	66,936	64,333	57,292	50,635	45,455	40,404
TRWD for Manufacturing	2,275	2,623	2,650	2,599	2,525	2,433
<b>Total Current Supplies</b>	<b>69,389</b>	<b>67,134</b>	<b>60,120</b>	<b>53,412</b>	<b>48,158</b>	<b>43,015</b>
<b>Need (Demand - Current Supply)</b>	<b>2,817</b>	<b>8,303</b>	<b>16,788</b>	<b>24,191</b>	<b>30,733</b>	<b>36,524</b>
<b>Water Management Strategies</b>						
Water Conservation	1,284	1,962	2,216	2,332	2,571	2,806
Water Conservation (customers)	31	50	104	146	176	200
Additional Water from TRWD	0	4,780	12,711	19,936	26,082	31,464
<b>Total Water Management Strategies</b>	<b>1,315</b>	<b>6,792</b>	<b>15,031</b>	<b>22,414</b>	<b>28,829</b>	<b>34,470</b>
<b>Reserve (Shortage)</b>	<b>-1,502</b>	<b>-1,511</b>	<b>-1,757</b>	<b>-1,777</b>	<b>-1,904</b>	<b>-2,054</b>

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-13**  
**Athens (Total of Region C and Region I)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>14,562</b>	<b>16,252</b>	<b>17,661</b>	<b>19,520</b>	<b>33,353</b>	<b>50,372</b>
<b>Projected Water Demand</b>						
Municipal Demand	2,973	3,244	3,473	3,809	6,484	9,782
Henderson County Manufacturing	345	356	368	380	391	403
<b>Total Projected Demand</b>	<b>3,318</b>	<b>3,600</b>	<b>3,841</b>	<b>4,189</b>	<b>6,875</b>	<b>10,185</b>
<b>Currently Available Water Supplies</b>						
Carrizo-Wilcox Aquifer	845	845	845	845	845	845
Athens MWA (for Athens)	2,128	2,381	2,472	2,603	3,461	3,979
Athens MWA (for Manufacturing)	345	353	346	334	240	179
<b>Total Current Supplies</b>	<b>3,318</b>	<b>3,578</b>	<b>3,662</b>	<b>3,782</b>	<b>4,546</b>	<b>5,003</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>22</b>	<b>179</b>	<b>407</b>	<b>2,329</b>	<b>5,182</b>
<b>Water Management Strategies</b>						
Water Conservation	59	98	119	144	277	457
Additional Water from Athens MWA	1,254	1,330	1,391	1,469	1,878	2,140
<b>Total Water Management Strategies</b>	<b>1,313</b>	<b>1,428</b>	<b>1,510</b>	<b>1,613</b>	<b>2,155</b>	<b>2,597</b>
<b>Reserve (Shortage)</b>	<b>1,313</b>	<b>1,406</b>	<b>1,331</b>	<b>1,206</b>	<b>-174</b>	<b>-2,585</b>

**Table C-14**  
**Aubrey**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
Projected Population - Aubrey	4,726	6,284	7,349	8,713	10,459	12,693
Projected Population - Out City Limits (Denton County Other)	1,030	12,400	21,474	35,190	40,990	42,441
<b>Projected Population</b>	<b>5,756</b>	<b>18,684</b>	<b>28,823</b>	<b>43,903</b>	<b>51,449</b>	<b>55,134</b>
<b>Projected Water Demand</b>						
Municipal Demand - Aubrey	563	731	847	999	1,197	1,452
Municipal Demand - Denton Co Other	129	1,528	2,646	4,297	4,959	5,134
<b>Total Projected Demand</b>	<b>692</b>	<b>2,259</b>	<b>3,493</b>	<b>5,296</b>	<b>6,156</b>	<b>6,586</b>
<b>Currently Available Water Supplies</b>						
Upper Trinity Regional Water District	563	568	516	484	517	550
UTRWD for Denton Co Other	129	1,188	1,611	2,082	2,142	1,946
<b>Total Current Supplies</b>	<b>692</b>	<b>1,756</b>	<b>2,127</b>	<b>2,566</b>	<b>2,659</b>	<b>2,496</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>503</b>	<b>1,366</b>	<b>2,730</b>	<b>3,497</b>	<b>4,090</b>
<b>Water Management Strategies</b>						
Water Conservation	5	8	8	13	20	29
Add'l Water from UTRWD-Aubrey	0	155	323	502	660	873
Add'l Water from UTRWD-Denton Co Other	0	340	1,034	2,215	2,817	3,188
<b>Total Water Management Strategies</b>	<b>5</b>	<b>503</b>	<b>1,365</b>	<b>2,730</b>	<b>3,497</b>	<b>4,090</b>
<b>Reserve (Shortage)</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-15  
Aurora**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>1,546</b>	<b>1,918</b>	<b>2,300</b>	<b>2,800</b>	<b>3,300</b>	<b>3,900</b>
<b>Projected Water Demand</b>						
Municipal Demand	134	159	186	224	263	311
<b>Total Projected Demand</b>	<b>134</b>	<b>159</b>	<b>186</b>	<b>224</b>	<b>263</b>	<b>311</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	63	63	63	63	63	63
Rhome (from Walnut Ck. SUD and TRWD)	71	87	99	114	113	107
<b>Total Current Supplies</b>	<b>134</b>	<b>150</b>	<b>162</b>	<b>177</b>	<b>176</b>	<b>170</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>9</b>	<b>24</b>	<b>47</b>	<b>87</b>	<b>141</b>
<b>Water Management Strategies</b>						
Water Conservation	1	2	2	3	4	6
Rhome (from Walnut Ck. SUD and TRWD)	0	7	22	44	83	135
<b>Total Water Management Strategies</b>	<b>1</b>	<b>9</b>	<b>24</b>	<b>47</b>	<b>87</b>	<b>141</b>
<b>Reserve (Shortage)</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-16  
Azle**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>11,857</b>	<b>12,854</b>	<b>13,868</b>	<b>14,897</b>	<b>18,000</b>	<b>23,090</b>
<b>Projected Water Demand</b>						
Municipal Demand	1,858	1,958	2,068	2,198	2,647	3,390
<b>Total Projected Demand</b>	<b>1,858</b>	<b>1,958</b>	<b>2,068</b>	<b>2,198</b>	<b>2,647</b>	<b>3,390</b>
<b>Currently Available Water Supplies</b>						
Tarrant Regional Water District (limited by treatment plant capacity)	1,682	1,682	1,664	1,562	1,678	1,682
<b>Total Current Supplies</b>	<b>1,682</b>	<b>1,682</b>	<b>1,664</b>	<b>1,562</b>	<b>1,678</b>	<b>1,682</b>
<b>Need (Demand - Current Supply)</b>	<b>177</b>	<b>277</b>	<b>404</b>	<b>636</b>	<b>969</b>	<b>1,709</b>
<b>Water Management Strategies</b>						
Water Conservation	15	22	21	29	44	68
Additional Raw Water Needed from TRWD with treatment as below:	162	255	383	607	925	1,641
3 MGD WTP Expansion (TRWD)	162	255	383	607	925	1,641
<b>Total Water Management Strategies</b>	<b>177</b>	<b>277</b>	<b>404</b>	<b>636</b>	<b>969</b>	<b>1,709</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



**Table C-17  
Balch Springs**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>26,423</b>	<b>28,980</b>	<b>31,606</b>	<b>34,456</b>	<b>37,233</b>	<b>40,018</b>
<b>Projected Water Demand</b>						
Municipal Demand	2,750	2,895	3,067	3,294	3,547	3,809
<b>Total Projected Demand</b>	<b>2,750</b>	<b>2,895</b>	<b>3,067</b>	<b>3,294</b>	<b>3,547</b>	<b>3,809</b>
<b>Currently Available Water Supplies</b>						
Dallas	2,622	2,510	2,375	2,352	2,369	2,423
<b>Total Current Supplies</b>	<b>2,622</b>	<b>2,510</b>	<b>2,375</b>	<b>2,352</b>	<b>2,369</b>	<b>2,423</b>
<b>Need (Demand - Current Supply)</b>	<b>128</b>	<b>385</b>	<b>692</b>	<b>942</b>	<b>1,178</b>	<b>1,386</b>
<b>Water Management Strategies</b>						
Water Conservation	23	33	31	44	59	76
Additional Dallas	105	352	661	898	1,119	1,310
<b>Total Water Management Strategies</b>	<b>128</b>	<b>385</b>	<b>692</b>	<b>942</b>	<b>1,178</b>	<b>1,386</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-18  
Bardwell**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>831</b>	<b>1,063</b>	<b>1,333</b>	<b>1,650</b>	<b>2,024</b>	<b>4,500</b>
<b>Projected Water Demand</b>						
Municipal Demand	71	86	105	129	158	348
<b>Total Projected Demand</b>	<b>71</b>	<b>86</b>	<b>105</b>	<b>129</b>	<b>158</b>	<b>348</b>
<b>Currently Available Water Supplies</b>						
Woodbine Aquifer and Desalination	47	42	37	32	28	28
Rockett SUD	17	25	31	37	40	71
<b>Total Current Supplies</b>	<b>64</b>	<b>67</b>	<b>68</b>	<b>69</b>	<b>68</b>	<b>99</b>
<b>Need (Demand - Current Supply)</b>	<b>7</b>	<b>19</b>	<b>37</b>	<b>60</b>	<b>90</b>	<b>249</b>
<b>Water Management Strategies</b>						
Water Conservation	1	1	1	2	3	7
Additional Rockett SUD	6	18	36	58	87	242
<b>Total Water Management Strategies</b>	<b>7</b>	<b>19</b>	<b>37</b>	<b>60</b>	<b>90</b>	<b>249</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-19  
Bartonville**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
Projected Population	4,500	5,000	5,000	5,000	5,000	5,000
<b>Projected Water Demand</b>						
Municipal Demand	825	907	903	900	900	899
<b>Total Projected Water Demand</b>	<b>825</b>	<b>907</b>	<b>903</b>	<b>900</b>	<b>900</b>	<b>899</b>
<b>Currently Available Water Supplies</b>						
Groundwater (thru Cross Timbers WSC)	168	168	168	168	168	168
UTRWD (thru Cross Timbers WSC)	656	588	469	378	345	302
<b>Total Current Supplies</b>	<b>824</b>	<b>756</b>	<b>637</b>	<b>546</b>	<b>513</b>	<b>470</b>
<b>Need (Demand - Current Supply)</b>	<b>1</b>	<b>151</b>	<b>266</b>	<b>354</b>	<b>387</b>	<b>429</b>
<b>Water Management Strategies</b>						
Water Conservation	15	24	27	30	33	36
Add'l Water from UTRWD (thru Cross Timbers WSC)	0	144	273	375	421	460
<b>Total Water Management Strategies</b>	<b>15</b>	<b>168</b>	<b>300</b>	<b>405</b>	<b>454</b>	<b>496</b>
<b>Reserve (Shortage)</b>	<b>14</b>	<b>17</b>	<b>34</b>	<b>51</b>	<b>67</b>	<b>67</b>

**Table C-20  
Bedford**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>48,100</b>	<b>51,983</b>	<b>55,866</b>	<b>59,750</b>	<b>59,750</b>	<b>59,750</b>
<b>Projected Water Demand</b>						
Municipal Demand	9,139	9,612	10,121	10,711	10,694	10,694
<b>Total Projected Demand</b>	<b>9,139</b>	<b>9,612</b>	<b>10,121</b>	<b>10,711</b>	<b>10,694</b>	<b>10,694</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	725	725	725	725	725	725
Trinity River Authority (TRWD)	8,414	8,088	7,558	7,098	6,320	5,641
<b>Total Current Supplies</b>	<b>9,139</b>	<b>8,813</b>	<b>8,283</b>	<b>7,823</b>	<b>7,045</b>	<b>6,366</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>799</b>	<b>1,838</b>	<b>2,888</b>	<b>3,649</b>	<b>4,328</b>
<b>Water Management Strategies</b>						
Water Conservation	1,036	1,122	304	357	392	428
Additional Water from TRA (TRWD)	0	0	1,534	2,531	3,257	3,900
<b>Total Water Management Strategies</b>	<b>1,036</b>	<b>1,122</b>	<b>1,838</b>	<b>2,888</b>	<b>3,649</b>	<b>4,328</b>
<b>Reserve (Shortage)</b>	<b>1,036</b>	<b>323</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-21  
Bells**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>1,648</b>	<b>1,943</b>	<b>2,234</b>	<b>2,568</b>	<b>6,000</b>	<b>8,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	175	199	223	254	588	783
<b>Total Projected Demand</b>	<b>175</b>	<b>199</b>	<b>223</b>	<b>254</b>	<b>588</b>	<b>783</b>
<b>Currently Available Water Supplies</b>						
Woodbine Aquifer	175	175	175	175	175	175
<b>Total Current Supplies</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>24</b>	<b>48</b>	<b>79</b>	<b>413</b>	<b>608</b>
<b>Water Management Strategies</b>						
Water Conservation	1	2	2	3	10	16
Grayson County Water Supply Project (Sherman)	0	22	46	76	403	592
New well in Woodbine Aquifer		145	145	145	145	145
<b>Total Water Management Strategies</b>	<b>1</b>	<b>169</b>	<b>193</b>	<b>224</b>	<b>558</b>	<b>753</b>
<b>Reserve (Shortage)</b>	<b>1</b>	<b>145</b>	<b>145</b>	<b>145</b>	<b>145</b>	<b>145</b>

**Table C-22  
Benbrook**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>22,500</b>	<b>25,000</b>	<b>27,500</b>	<b>32,833</b>	<b>48,095</b>	<b>48,095</b>
<b>Projected Water Demand</b>						
Municipal Demand	5,205	5,659	6,130	7,258	10,605	10,605
<b>Total Projected Demand</b>	<b>5,205</b>	<b>5,659</b>	<b>6,130</b>	<b>7,258</b>	<b>10,605</b>	<b>10,605</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	1,060	1,060	1,060	1,060	1,060	1,060
Tarrant Regional Water District (limited by contract)	3,385	3,385	3,385	3,385	3,385	3,385
<b>Total Current Supplies</b>	<b>4,445</b>	<b>4,445</b>	<b>4,445</b>	<b>4,445</b>	<b>4,445</b>	<b>4,445</b>
<b>Need (Demand - Current Supply)</b>	<b>760</b>	<b>1,214</b>	<b>1,685</b>	<b>2,813</b>	<b>6,160</b>	<b>6,160</b>
<b>Water Management Strategies</b>						
Water Conservation	112	186	227	296	477	512
Additional Raw Water Needed from TRWD beyond current contract with treatment as below:						
Existing WTP	648	1,028	1,458	2,517	5,683	5,648
4.25 MGD WT Plant Expansion	0	0	0	0	2,342	2,307
<b>Total Water Management Strategies</b>	<b>760</b>	<b>1,214</b>	<b>1,685</b>	<b>2,813</b>	<b>6,160</b>	<b>6,160</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-23  
Bethel-Ash Water Supply Corporation (Region C Only\*)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Region C Population</b>	<b>2,138</b>	<b>2,410</b>	<b>2,637</b>	<b>2,937</b>	<b>3,196</b>	<b>3,447</b>
<b>Projected Water Demand</b>						
Municipal Demand	218	237	254	280	303	327
<b>Total Projected Region C Demand</b>	<b>218</b>	<b>237</b>	<b>254</b>	<b>280</b>	<b>303</b>	<b>327</b>
<b>Currently Available Water Supplies</b>						
Carrizo-Wilcox Aquifer	327	327	327	327	327	327
<b>Total Current Supplies</b>	<b>327</b>	<b>327</b>	<b>327</b>	<b>327</b>	<b>327</b>	<b>327</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	2	3	3	4	5	7
<b>Total Water Management Strategies</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>7</b>
<b>Reserve (Shortage)</b>	<b>111</b>	<b>93</b>	<b>76</b>	<b>51</b>	<b>29</b>	<b>7</b>

\*Additional population for Bethel-Ash WSC is located in Regions I & D. The Region C portion is only that population in Henderson County within the Trinity River Basin.

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

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>24,614</b>	<b>28,132</b>	<b>31,713</b>	<b>35,503</b>	<b>39,507</b>	<b>43,693</b>
<b>Projected Water Demand</b>						
Municipal Demand	5,162	5,772	6,415	7,132	7,923	8,758
<b>Total Projected Water Demand</b>	<b>5,162</b>	<b>5,772</b>	<b>6,415</b>	<b>7,132</b>	<b>7,923</b>	<b>8,758</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer (Region C)	305	305	305	305	305	305
Trinity Aquifer (Region G)	1,979	1,979	1,979	1,979	1,979	1,979
Fort Worth (TRWD)	1,392	1,507	1,571	1,709	1,861	1,999
<b>Total Current Supplies</b>	<b>3,676</b>	<b>3,791</b>	<b>3,855</b>	<b>3,993</b>	<b>4,145</b>	<b>4,283</b>
<b>Need (Demand - Current Supply)</b>	<b>1,486</b>	<b>1,981</b>	<b>2,560</b>	<b>3,139</b>	<b>3,778</b>	<b>4,475</b>
<b>Water Management Strategies</b>						
Water Conservation	35	55	69	83	99	117
Additional Fort Worth	1,067	1,461	1,941	2,410	2,928	3,496
Water from Arlington (TRWD)	1,416	1,619	1,833	2,072	2,336	2,614
<b>Total Water Management Strategies</b>	<b>2,518</b>	<b>3,135</b>	<b>3,843</b>	<b>4,565</b>	<b>5,363</b>	<b>6,227</b>
<b>Reserve (Shortage)</b>	<b>1,032</b>	<b>1,154</b>	<b>1,283</b>	<b>1,426</b>	<b>1,585</b>	<b>1,752</b>

**Table C-25**  
**Blackland Water Supply Corporation (Regions C & D)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>3,350</b>	<b>3,584</b>	<b>3,850</b>	<b>4,119</b>	<b>4,419</b>	<b>4,737</b>
<b>Projected Water Demand</b>						
Municipal Demand	678	712	754	800	857	918
<b>Total Projected Water Demand</b>	<b>678</b>	<b>712</b>	<b>754</b>	<b>800</b>	<b>857</b>	<b>918</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District (through Rockwall)	618	540	528	528	530	526
<b>Total Current Supplies</b>	<b>618</b>	<b>540</b>	<b>528</b>	<b>528</b>	<b>530</b>	<b>526</b>
<b>Need (Demand - Current Supply)</b>	<b>60</b>	<b>172</b>	<b>226</b>	<b>272</b>	<b>327</b>	<b>392</b>
<b>Water Management Strategies</b>						
Water Conservation	12	19	22	26	31	36
Direct Connection and Additional Water from NTMWD	48	153	204	246	296	356
<b>Total Water Management Strategies</b>	<b>60</b>	<b>172</b>	<b>226</b>	<b>272</b>	<b>327</b>	<b>392</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-26  
Blooming Grove**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	909	1,002	1,098	1,208	1,323	1,445
<b>Projected Water Demand</b>						
Municipal Demand	153	164	175	191	209	228
<b>Total Projected Water Demand</b>	<b>153</b>	<b>164</b>	<b>175</b>	<b>191</b>	<b>209</b>	<b>228</b>
<b>Currently Available Water Supplies</b>						
Corsicana	153	106	105	103	99	93
<b>Total Current Supplies</b>	<b>153</b>	<b>106</b>	<b>105</b>	<b>103</b>	<b>99</b>	<b>93</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>58</b>	<b>70</b>	<b>88</b>	<b>110</b>	<b>135</b>
<b>Water Management Strategies</b>						
Water Conservation	1	3	4	6	8	9
Additional Water from Corsicana	0	55	66	82	102	126
Trinity Aquifer (New Wells)	160	160	160	160	160	160
<b>Total Water Management Strategies</b>	<b>161</b>	<b>218</b>	<b>230</b>	<b>248</b>	<b>270</b>	<b>295</b>
<b>Reserve (Shortage)</b>	<b>161</b>	<b>160</b>	<b>160</b>	<b>160</b>	<b>160</b>	<b>160</b>

**Table C-27  
Blue Mound**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	2,398	2,403	2,408	2,413	2,418	2,422
<b>Projected Water Demand</b>						
Municipal Demand	191	181	172	167	167	167
<b>Total Projected Water Demand</b>	<b>191</b>	<b>181</b>	<b>172</b>	<b>167</b>	<b>167</b>	<b>167</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	191	191	191	191	191	191
<b>Total Current Supplies</b>	<b>191</b>	<b>191</b>	<b>191</b>	<b>191</b>	<b>191</b>	<b>191</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	2	2	2	2	3	3
Purchase existing water system from Monarch Utilities						
<b>Total Water Management Strategies</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>3</b>
<b>Reserve (Shortage)</b>	<b>2</b>	<b>12</b>	<b>21</b>	<b>26</b>	<b>27</b>	<b>27</b>

**Table C-28  
Blue Ridge**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	925	2,000	4,000	12,000	25,000	39,000
<b>Projected Water Demand</b>						
Municipal Demand	92	185	362	1,412	3,221	5,461
<b>Total Projected Water Demand</b>	<b>92</b>	<b>185</b>	<b>362</b>	<b>1,412</b>	<b>3,221</b>	<b>5,461</b>
<b>Currently Available Water Supplies</b>						
Woodbine Aquifer	92	92	92	92	92	92
<b>Total Current Supplies</b>	<b>92</b>	<b>92</b>	<b>92</b>	<b>92</b>	<b>92</b>	<b>92</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>93</b>	<b>270</b>	<b>1,320</b>	<b>3,129</b>	<b>5,369</b>
<b>Water Management Strategies</b>						
Water Conservation	1	2	4	19	54	109
Initial Connection & Water from NTMWD	0	109	308	1,363	2,242	2,242
Upsize Connection & Water from NTMWD	0	0	0	0	895	3,080
<b>Total Water Management Strategies</b>	<b>1</b>	<b>111</b>	<b>312</b>	<b>1,382</b>	<b>3,191</b>	<b>5,431</b>
<b>Reserve (Shortage)</b>	<b>1</b>	<b>18</b>	<b>42</b>	<b>62</b>	<b>62</b>	<b>62</b>

**Table C-29  
Bolivar Water Supply Corporation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	12,343	14,705	17,444	20,491	24,004	27,974
<b>Projected Water Demand</b>						
Bolivar WSC Municipal Demand	1,105	1,257	1,447	1,678	1,957	2,277
<b>Total Projected Demand</b>	<b>1,105</b>	<b>1,257</b>	<b>1,447</b>	<b>1,678</b>	<b>1,957</b>	<b>2,277</b>
<b>Currently Available Water Supplies</b>						
Groundwater	1,114	1,114	1,114	1,114	1,114	1,114
<b>Total Current Supplies</b>	<b>1,114</b>	<b>1,114</b>	<b>1,114</b>	<b>1,114</b>	<b>1,114</b>	<b>1,114</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>143</b>	<b>333</b>	<b>564</b>	<b>843</b>	<b>1,163</b>
<b>Water Management Strategies</b>						
Water Conservation	9	14	14	22	33	46
Additional Water from UTRWD	0	190	467	776	1,131	1,413
Initial Connection & Water from Gainesville	0	50	75	100	125	150
<b>Total Water Management Strategies</b>	<b>9</b>	<b>254</b>	<b>556</b>	<b>898</b>	<b>1,289</b>	<b>1,609</b>
<b>Reserve (Shortage)</b>	<b>18</b>	<b>111</b>	<b>223</b>	<b>334</b>	<b>446</b>	<b>446</b>

**Table C-30  
Bonham**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>12,603</b>	<b>16,000</b>	<b>22,000</b>	<b>30,000</b>	<b>37,000</b>	<b>45,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	2,024	2,506	3,393	4,598	5,663	6,883
Fannin County - Manufacturing	88	97	106	114	124	135
Fannin County - Other	399	611	614	1,096	3,260	5,753
<b>Total Projected Water Demand</b>	<b>2,511</b>	<b>3,214</b>	<b>4,113</b>	<b>5,808</b>	<b>9,047</b>	<b>12,771</b>
<b>Currently Available Water Supplies</b>						
Lake Bonham (NTMWD) for Bonham	2,024	2,491	2,636	2,665	2,747	2,813
Lake Bonham (NTMWD) for Fannin C Manf	88	96	82	66	60	55
Lake Bonham (NTMWD) for Fannin Co Other	399	607	477	464	388	327
<b>Total Current Supplies</b>	<b>2,511</b>	<b>3,195</b>	<b>3,195</b>	<b>3,195</b>	<b>3,195</b>	<b>3,195</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>19</b>	<b>918</b>	<b>2,613</b>	<b>5,852</b>	<b>9,576</b>
<b>Water Management Strategies</b>						
Water Conservation - Bonham	35	27	34	61	94	138
Water Conservation - County Other	3	7	6	15	54	115
Fannin Co Water Supply Project-Bonham	0	0	723	1,872	2,822	3,932
Fannin Co Water Supply Project-Fannin Co Manufacturing	0	1	24	48	64	80
Fannin Co Water Supply Project-Fannin Co Other	0	0	131	617	2,818	5,311
<b>Total Water Management Strategies</b>	<b>38</b>	<b>35</b>	<b>918</b>	<b>2,613</b>	<b>5,852</b>	<b>9,576</b>
<b>Reserve (Shortage)</b>	<b>38</b>	<b>16</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-31  
Boyd**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>1,303</b>	<b>1,413</b>	<b>2,000</b>	<b>2,500</b>	<b>3,500</b>	<b>3,800</b>
<b>Projected Water Demand</b>						
Municipal Demand	217	229	316	392	547	593
<b>Total Projected Demand</b>	<b>217</b>	<b>229</b>	<b>316</b>	<b>392</b>	<b>547</b>	<b>593</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	73	73	73	73	73	73
Walnut Creek SUD (TRWD)	144	142	195	227	267	224
<b>Total Current Supplies</b>	<b>217</b>	<b>215</b>	<b>268</b>	<b>300</b>	<b>340</b>	<b>297</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>14</b>	<b>48</b>	<b>92</b>	<b>207</b>	<b>296</b>
<b>Water Management Strategies</b>						
Water Conservation	9	22	31	5	9	12
Additional Water from Walnut Ck. SUD	0	0	17	87	198	284
<b>Total Water Management Strategies</b>	<b>9</b>	<b>22</b>	<b>48</b>	<b>92</b>	<b>207</b>	<b>296</b>
<b>Reserve (Shortage)</b>	<b>9</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



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

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Region C Population</b>	<b>294</b>	<b>339</b>	<b>388</b>	<b>444</b>	<b>507</b>	<b>578</b>
<b>Projected Water Demand</b>						
Municipal Demand	40	44	48	55	62	71
<b>Total Projected Region C Demand</b>	<b>40</b>	<b>44</b>	<b>48</b>	<b>55</b>	<b>62</b>	<b>71</b>
<b>Currently Available Water Supplies</b>						
Aquilla WSD (Lake Aquilla, Region G)	59	66	74	84	96	109
<b>Total Current Supplies</b>	<b>59</b>	<b>66</b>	<b>74</b>	<b>84</b>	<b>96</b>	<b>109</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	0	0	0	1	1	1
<b>Total Water Management Strategies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>Reserve (Shortage)</b>	<b>19</b>	<b>22</b>	<b>26</b>	<b>30</b>	<b>35</b>	<b>39</b>

**Table C-33**  
**Bridgeport**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>7,456</b>	<b>9,144</b>	<b>10,875</b>	<b>15,000</b>	<b>20,000</b>	<b>25,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	1,294	1,551	1,822	2,496	3,322	4,149
<b>Total Projected Demand</b>	<b>1,294</b>	<b>1,551</b>	<b>1,822</b>	<b>2,496</b>	<b>3,322</b>	<b>4,149</b>
<b>Currently Available Water Supplies</b>						
Tarrant Regional Water District (limited by contract amount)	1,294	1,412	1,466	1,704	1,704	1,704
<b>Total Current Supplies</b>	<b>1,294</b>	<b>1,412</b>	<b>1,466</b>	<b>1,704</b>	<b>1,704</b>	<b>1,704</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>139</b>	<b>356</b>	<b>792</b>	<b>1,618</b>	<b>2,445</b>
<b>Water Management Strategies</b>						
Water Conservation	24	40	55	83	122	166
Additional Raw Water Needed from TRWD beyond current contract with treatment as below:	0	99	301	709	1,496	2,279
2 MGD WTP Expansion				40	827	1,121
1.5 MGD WTP Expansion						489
Expand Capacity of Lake intake and Pump Station				40	827	1,610
<b>Total Water Management Strategies</b>	<b>24</b>	<b>139</b>	<b>356</b>	<b>792</b>	<b>1,618</b>	<b>2,445</b>
<b>Reserve (Shortage)</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-34  
Bryson**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	581	620	644	657	666	672
<b>Projected Water Demand</b>						
Municipal Demand	80	82	83	84	85	85
Jack County Manufacturing Demand	1	1	1	1	1	1
<b>Total Projected Demand</b>	<b>80</b>	<b>82</b>	<b>83</b>	<b>84</b>	<b>85</b>	<b>85</b>
<b>Currently Available Water Supplies</b>						
Graham (through Fort Belknap WSC)	46	46	46	46	46	46
Other Aquifer	50	50	50	50	50	50
<b>Total Current Supplies</b>	<b>96</b>	<b>96</b>	<b>96</b>	<b>96</b>	<b>96</b>	<b>96</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	1	1	1	1	1	2
<b>Total Water Management Strategies</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>
<b>Reserve (Shortage)</b>	<b>17</b>	<b>15</b>	<b>14</b>	<b>13</b>	<b>12</b>	<b>13</b>

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

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	4,500	5,500	6,500	8,000	11,500	15,326
<b>Projected Water Demand</b>						
Municipal Demand	1,249	1,509	1,772	2,173	3,119	4,154
<b>Total Projected Demand</b>	<b>1,249</b>	<b>1,509</b>	<b>1,772</b>	<b>2,173</b>	<b>3,119</b>	<b>4,154</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	874	874	874	874	874	874
Waxahachie (TRWD)	170	142	143	376	620	728
Waxahachie (Lake Bardwell)	279	244	255	286	389	458
Waxahachie (Lake Waxahachie)	181	157	166	187	257	292
Waxahachie (Reuse)	225	227	295	386	554	659
<b>Total Current Supplies</b>	<b>1,728</b>	<b>1,644</b>	<b>1,732</b>	<b>2,109</b>	<b>2,693</b>	<b>3,012</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>40</b>	<b>64</b>	<b>426</b>	<b>1,142</b>
<b>Water Management Strategies</b>						
Water Conservation	23	39	53	72	114	166
Additional Water from Waxahachie	0	0	0	0	312	976
<b>Total Water Management Strategies</b>	<b>23</b>	<b>39</b>	<b>53</b>	<b>72</b>	<b>426</b>	<b>1,142</b>
<b>Reserve (Shortage)</b>	<b>502</b>	<b>174</b>	<b>13</b>	<b>8</b>	<b>0</b>	<b>0</b>

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

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>43,801</b>	<b>51,845</b>	<b>60,022</b>	<b>68,635</b>	<b>77,711</b>	<b>87,170</b>
<b>Projected Water Demand</b>						
Municipal Demand	6,620	7,664	8,757	9,950	11,241	12,602
Johnson County Manufacturing	2	2	2	2	2	2
<b>Total Projected Water Demand</b>	<b>6,622</b>	<b>7,666</b>	<b>8,759</b>	<b>9,952</b>	<b>11,243</b>	<b>12,604</b>
<b>Currently Available Water Supplies</b>						
Fort Worth (TRWD)	4,826	4,826	4,826	4,826	4,826	4,826
<b>Total Current Supplies</b>	<b>4,826</b>	<b>4,826</b>	<b>4,826</b>	<b>4,826</b>	<b>4,826</b>	<b>4,826</b>
<b>Need (Demand - Current Supply)</b>	<b>1,796</b>	<b>2,840</b>	<b>3,933</b>	<b>5,126</b>	<b>6,417</b>	<b>7,778</b>
<b>Water Management Strategies</b>						
Water Conservation	11	15	15	27	41	55
Additional Water from Fort Worth	3,109	4,358	5,670	7,089	8,625	10,244
<i>Increase delivery capacity from Ft Worth</i>	<i>0</i>	<i>0</i>	<i>967</i>	<i>2,386</i>	<i>3,922</i>	<i>5,541</i>
<b>Total Water Management Strategies</b>	<b>3,120</b>	<b>4,373</b>	<b>5,685</b>	<b>7,116</b>	<b>8,666</b>	<b>10,299</b>
<b>Reserve (Shortage)</b>	<b>1,324</b>	<b>1,533</b>	<b>1,752</b>	<b>1,990</b>	<b>2,249</b>	<b>2,521</b>

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

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>8,837</b>	<b>11,401</b>	<b>15,201</b>	<b>20,067</b>	<b>26,576</b>	<b>35,581</b>
<b>Projected Water Demand</b>						
Municipal Demand	986	1,219	1,586	2,071	2,736	3,659
<b>Total Projected Water Demand</b>	<b>986</b>	<b>1,219</b>	<b>1,586</b>	<b>2,071</b>	<b>2,736</b>	<b>3,659</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District	913	937	1,124	1,383	1,712	2,121
<b>Total Current Supplies</b>	<b>913</b>	<b>937</b>	<b>1,124</b>	<b>1,383</b>	<b>1,712</b>	<b>2,121</b>
<b>Need (Demand - Current Supply)</b>	<b>73</b>	<b>282</b>	<b>462</b>	<b>688</b>	<b>1,024</b>	<b>1,538</b>
<b>Water Management Strategies</b>						
Water Conservation	2	4	4	7	10	14
Additional Water from NTMWD	71	278	458	681	1,014	1,524
<b>Total Water Management Strategies</b>	<b>73</b>	<b>282</b>	<b>462</b>	<b>688</b>	<b>1,024</b>	<b>1,538</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-38  
Carrollton**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>126,763</b>	<b>129,176</b>	<b>129,179</b>	<b>129,182</b>	<b>129,185</b>	<b>129,188</b>
<b>Projected Water Demand</b>						
Municipal Demand	23,566	23,504	23,112	22,895	22,852	22,850
<b>Total Projected Demand</b>	<b>23,566</b>	<b>23,504</b>	<b>23,112</b>	<b>22,895</b>	<b>22,852</b>	<b>22,850</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	33	33	33	33	33	33
Dallas Water Utilities	22,470	20,382	17,898	16,346	15,261	14,534
<b>Total Current Supplies</b>	<b>22,503</b>	<b>20,415</b>	<b>17,931</b>	<b>16,379</b>	<b>15,294</b>	<b>14,567</b>
<b>Need (Demand - Current Supply)</b>	<b>1,063</b>	<b>3,089</b>	<b>5,181</b>	<b>6,516</b>	<b>7,558</b>	<b>8,283</b>
<b>Water Management Strategies</b>						
Water Conservation	432	627	693	763	838	914
Additional Water from DWU	631	2,462	4,488	5,753	6,720	7,369
<b>Total Water Management Strategies</b>	<b>1,063</b>	<b>3,089</b>	<b>5,181</b>	<b>6,516</b>	<b>7,558</b>	<b>8,283</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Region Population (C&amp;D)</b>	<b>19,973</b>	<b>23,972</b>	<b>28,708</b>	<b>34,308</b>	<b>40,986</b>	<b>48,933</b>
Projected Region Population (D)	18,784	22,432	26,769	31,966	38,194	45,664
Projected Region Population (C)	1,189	1,540	1,939	2,342	2,792	3,269
<b>Projected Water Demand</b>						
Municipal Demand (Region D)	2,159	2,497	2,924	3,460	4,123	4,923
Municipal Demand (Region C)	137	172	212	254	302	353
<b>Total Projected Total Demand</b>	<b>2,296</b>	<b>2,669</b>	<b>3,136</b>	<b>3,714</b>	<b>4,425</b>	<b>5,276</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District	1,301	1,391	1,684	1,642	1,539	1,424
Sabine River Authority (current and future)	1,651	4,705	4,705	4,705	4,704	4,679
<b>Total Current Supplies</b>	<b>2,952</b>	<b>6,096</b>	<b>6,389</b>	<b>6,347</b>	<b>6,243</b>	<b>6,103</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	1	2	2	3	5	7
Additional Water from NTMWD	1,165	1,075	782	824	927	1,042
<i>Increase delivery infrastructure from NTMWD</i>	<i>1,165</i>	<i>1,075</i>	<i>782</i>	<i>824</i>	<i>927</i>	<i>1,042</i>
<b>Total Water Management Strategies</b>	<b>1,166</b>	<b>1,077</b>	<b>784</b>	<b>827</b>	<b>932</b>	<b>1,049</b>
<b>Reserve (Shortage)</b>	<b>1,822</b>	<b>4,504</b>	<b>4,037</b>	<b>3,460</b>	<b>2,750</b>	<b>1,876</b>
<b>Region C Supply Available to Region D</b>	<b>2,329</b>	<b>2,294</b>	<b>2,254</b>	<b>2,212</b>	<b>2,164</b>	<b>2,113</b>

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

**Table C-40  
Cedar Hill**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>53,200</b>	<b>65,119</b>	<b>77,038</b>	<b>88,956</b>	<b>88,956</b>	<b>88,956</b>
<b>Projected Water Demand</b>						
Municipal Demand	10,652	12,808	15,005	17,244	17,229	17,227
<b>Total Projected Demand</b>	<b>10,652</b>	<b>12,808</b>	<b>15,005</b>	<b>17,244</b>	<b>17,229</b>	<b>17,227</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	180	180	180	180	180	180
Dallas Water Utilities	9,985	10,951	11,481	12,183	11,386	10,843
<b>Total Current Supplies</b>	<b>10,165</b>	<b>11,131</b>	<b>11,661</b>	<b>12,363</b>	<b>11,566</b>	<b>11,023</b>
<b>Need (Demand - Current Supply)</b>	<b>487</b>	<b>1,677</b>	<b>3,344</b>	<b>4,881</b>	<b>5,663</b>	<b>6,204</b>
<b>Water Management Strategies</b>						
Water Conservation	211	374	505	641	697	755
Additional Water from DWU	276	1,303	2,839	4,240	4,966	5,449
<b>Total Water Management Strategies</b>	<b>487</b>	<b>1,677</b>	<b>3,344</b>	<b>4,881</b>	<b>5,663</b>	<b>6,204</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-41  
Celina**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>22,675</b>	<b>48,000</b>	<b>89,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	4,716	9,889	18,303	30,828	30,826	30,823
<b>Total Projected Water Demand</b>	<b>4,716</b>	<b>9,889</b>	<b>18,303</b>	<b>30,828</b>	<b>30,826</b>	<b>30,823</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	132	132	132	132	132	132
Woodbine Aquifer	62	62	62	62	62	62
Upper Trinity Regional Water District	3,083	3,083	3,083	3,083	3,083	3,083
<b>Total Current Supplies</b>	<b>3,277</b>	<b>3,277</b>	<b>3,277</b>	<b>3,277</b>	<b>3,277</b>	<b>3,277</b>
<b>Need (Demand - Current Supply)</b>	<b>1,439</b>	<b>6,612</b>	<b>15,026</b>	<b>27,551</b>	<b>27,549</b>	<b>27,546</b>
<b>Water Management Strategies</b>						
Water Conservation	86	238	549	1,028	1,130	1,233
Additional Water from UTRWD	1,353	4,874	11,477	21,523	21,419	21,313
Connection to NTMWD	0	1,500	3,000	5,000	5,000	5,000
<b>Total Water Management Strategies</b>	<b>1,439</b>	<b>6,612</b>	<b>15,026</b>	<b>27,551</b>	<b>27,549</b>	<b>27,546</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>4,300</b>	<b>4,400</b>	<b>4,500</b>	<b>4,600</b>	<b>4,700</b>	<b>4,800</b>
<b>Projected Water Demand</b>						
Municipal Demand	469	464	463	466	475	485
<b>Total Projected Water Demand</b>	<b>469</b>	<b>464</b>	<b>463</b>	<b>466</b>	<b>475</b>	<b>485</b>
<b>Currently Available Water Supplies</b>						
Corsicana	469	301	278	251	224	198
<b>Total Current Supplies</b>	<b>469</b>	<b>301</b>	<b>278</b>	<b>251</b>	<b>224</b>	<b>198</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>163</b>	<b>185</b>	<b>215</b>	<b>251</b>	<b>287</b>
<b>Water Management Strategies</b>						
Water Conservation	4	5	5	6	8	10
Additional Water from Corsicana	0	158	180	209	243	277
New wells in Trinity Aquifer	150	150	150	150	150	150
<b>Total Water Management Strategies</b>	<b>154</b>	<b>313</b>	<b>335</b>	<b>365</b>	<b>401</b>	<b>437</b>
<b>Reserve (Shortage)</b>	<b>154</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>

**Table C-43  
Chico**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>1,051</b>	<b>1,107</b>	<b>1,165</b>	<b>2,200</b>	<b>2,800</b>	<b>3,500</b>
<b>Projected Water Demand</b>						
Municipal Demand	207	213	221	411	522	652
<b>Total Projected Demand</b>	<b>207</b>	<b>213</b>	<b>221</b>	<b>411</b>	<b>522</b>	<b>652</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	193	193	193	193	193	193
West Wise SUD (TRWD)	13	13	13	13	13	13
<b>Total Current Supplies</b>	<b>206</b>	<b>206</b>	<b>206</b>	<b>206</b>	<b>206</b>	<b>206</b>
<b>Need (Demand - Current Supply)</b>	<b>1</b>	<b>7</b>	<b>15</b>	<b>205</b>	<b>316</b>	<b>446</b>
<b>Water Management Strategies</b>						
Water Conservation	4	6	7	14	19	26
Additional Water from West Wise SUD	0	1	8	191	297	420
<i>Increase delivery capacity from West Wise SUD</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>140</i>	<i>246</i>	<i>369</i>
<b>Total Water Management Strategies</b>	<b>4</b>	<b>7</b>	<b>15</b>	<b>205</b>	<b>316</b>	<b>446</b>
<b>Reserve (Shortage)</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-44  
Cockrell Hill**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>4,670</b>	<b>5,122</b>	<b>5,122</b>	<b>5,122</b>	<b>7,000</b>	<b>15,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	407	421	405	396	536	1,141
<b>Total Projected Demand</b>	<b>407</b>	<b>421</b>	<b>405</b>	<b>396</b>	<b>536</b>	<b>1,141</b>
<b>Currently Available Water Supplies</b>						
Dallas Water Utilities	388	365	314	283	358	726
<b>Total Current Supplies</b>	<b>388</b>	<b>365</b>	<b>314</b>	<b>283</b>	<b>358</b>	<b>726</b>
<b>Need (Demand - Current Supply)</b>	<b>19</b>	<b>56</b>	<b>91</b>	<b>113</b>	<b>178</b>	<b>415</b>
<b>Water Management Strategies</b>						
Water Conservation	3	5	4	5	9	23
Additional Water from DWU	16	51	87	108	169	392
<b>Total Water Management Strategies</b>	<b>19</b>	<b>56</b>	<b>91</b>	<b>113</b>	<b>178</b>	<b>415</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>11,745</b>	<b>14,711</b>	<b>18,112</b>	<b>22,024</b>	<b>30,000</b>	<b>38,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	790	989	1,218	1,481	2,017	2,554
<b>Total Projected Water Demand</b>	<b>790</b>	<b>989</b>	<b>1,218</b>	<b>1,481</b>	<b>2,017</b>	<b>2,554</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District (directly and through Terrell)	728	758	860	986	1,258	1,475
<b>Total Current Supplies</b>	<b>728</b>	<b>758</b>	<b>860</b>	<b>986</b>	<b>1,258</b>	<b>1,475</b>
<b>Need (Demand - Current Supply)</b>	<b>62</b>	<b>231</b>	<b>358</b>	<b>495</b>	<b>759</b>	<b>1,079</b>
<b>Water Management Strategies</b>						
Water Conservation	7	11	12	20	34	51
Additional Water from Terrell/NTMWD	55	220	346	475	725	1,028
<i>Increase delivery capacity from Terrell</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>508</i>	<i>1,028</i>
<b>Total Water Management Strategies</b>	<b>62</b>	<b>231</b>	<b>358</b>	<b>495</b>	<b>759</b>	<b>1,079</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-46  
Colleyville**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>24,000</b>	<b>25,500</b>	<b>27,000</b>	<b>28,000</b>	<b>28,000</b>	<b>28,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	9,320	9,808	10,314	10,657	10,649	10,648
<b>Total Projected Water Demand</b>	<b>9,320</b>	<b>9,808</b>	<b>10,314</b>	<b>10,657</b>	<b>10,649</b>	<b>10,648</b>
<b>Currently Available Water Supplies</b>						
Trinity River Authority (TRWD)	9,320	8,927	8,297	7,575	6,751	6,025
<b>Total Current Supplies</b>	<b>9,320</b>	<b>8,927</b>	<b>8,297</b>	<b>7,575</b>	<b>6,751</b>	<b>6,025</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>881</b>	<b>2,017</b>	<b>3,082</b>	<b>3,898</b>	<b>4,623</b>
<b>Water Management Strategies</b>						
Water Conservation	171	259	309	355	390	426
Additional Water from TRA	0	622	1,708	2,727	3,508	4,197
<b>Total Water Management Strategies</b>	<b>171</b>	<b>881</b>	<b>2,017</b>	<b>3,082</b>	<b>3,898</b>	<b>4,623</b>
<b>Reserve (Shortage)</b>	<b>171</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-47  
Collin County Irrigation**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>2,995</b>	<b>2,995</b>	<b>2,995</b>	<b>2,995</b>	<b>2,995</b>	<b>2,995</b>
<b>Currently Available Water Supplies</b>						
Direct Reuse (The Colony)	457	457	457	457	457	457
Direct Reuse (NTMWD)	1,847	1,847	1,847	1,847	1,847	1,847
Trinity Aquifer (Through Frisco)	100	100	100	100	100	100
Woodbine Aquifer (Through Frisco)	40	40	40	40	40	40
Trinity Aquifer	870	870	870	870	870	870
Woodbine Aquifer	97	97	97	97	97	97
DWU Sources	1,719	1,564	1,396	1,287	1,204	1,147
Local Supplies	408	408	408	408	408	408
<b>Total Current Supplies</b>	<b>5,538</b>	<b>5,383</b>	<b>5,215</b>	<b>5,106</b>	<b>5,023</b>	<b>4,966</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	5	83	159	199	237	275
<b>Total Water Management Strategies</b>	<b>5</b>	<b>83</b>	<b>159</b>	<b>199</b>	<b>237</b>	<b>275</b>
<b>Reserve (Shortage)</b>	<b>2,548</b>	<b>2,471</b>	<b>2,379</b>	<b>2,310</b>	<b>2,265</b>	<b>2,246</b>



**Table C-48  
Collin County Livestock**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	860	860	860	860	860	860
<b>Currently Available Water Supplies</b>						
Livestock Local Supply	1,002	1,002	1,002	1,002	1,002	1,002
<b>Total Current Supplies</b>	<b>1,002</b>	<b>1,002</b>	<b>1,002</b>	<b>1,002</b>	<b>1,002</b>	<b>1,002</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
None						
<b>Total Water Management Strategies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Reserve (Shortage)</b>	<b>142</b>	<b>142</b>	<b>142</b>	<b>142</b>	<b>142</b>	<b>142</b>

**Table C-49  
Collin County Manufacturing**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	3,456	3,888	4,319	4,706	5,109	5,547
<b>Currently Available Water Supplies</b>						
Woodbine Aquifer	200	200	200	200	200	200
NTMWD thru Richardson (60%)	1,910	1,788	1,830	1,880	1,913	1,922
NTMWD thru Plano (12%)	382	358	366	376	383	384
NTMWD thru McKinney (15%)	478	447	458	470	478	481
NTMWD thru Allen (3%)	96	89	92	94	96	96
NTMWD thru Frisco (4%)	127	119	122	125	128	128
NTMWD thru Wylie (1%)	32	30	31	31	32	32
<b>Total Current Supplies</b>	<b>3,225</b>	<b>3,031</b>	<b>3,099</b>	<b>3,176</b>	<b>3,230</b>	<b>3,243</b>
<b>Need (Demand - Current Supply)</b>	<b>231</b>	<b>857</b>	<b>1,220</b>	<b>1,530</b>	<b>1,879</b>	<b>2,304</b>
<b>Water Management Strategies</b>						
Water Conservation	0	8	90	133	145	157
Additional Water from NTMWD	259	858	1,117	1,369	1,686	2,076
New Wells in Woodbine Aquifer	0	78	78	78	78	78
<b>Total Water Management Strategies</b>	<b>259</b>	<b>944</b>	<b>1,285</b>	<b>1,580</b>	<b>1,909</b>	<b>2,311</b>
<b>Reserve (Shortage)</b>	<b>28</b>	<b>87</b>	<b>65</b>	<b>50</b>	<b>30</b>	<b>7</b>

**Table C-50  
Collin County Mining**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	0	0	0	0	0	0
<b>Currently Available Water Supplies</b>						
None	0	0	0	0	0	0
<b>Total Current Supplies</b>	0	0	0	0	0	0
<b>Need (Demand - Current Supply)</b>	0	0	0	0	0	0
<b>Water Management Strategies</b>						
None	0	0	0	0	0	0
<b>Total Water Management Strategies</b>	0	0	0	0	0	0
<b>Reserve (Shortage)</b>	0	0	0	0	0	0

**Table C-51  
Collin County Other**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	10,289	10,289	10,289	35,000	50,000	80,000
<b>Projected Water Demand</b>						
Municipal Demand	1,613	1,582	1,560	5,213	7,434	11,885
<b>Total Projected Water Demand</b>	1,613	1,582	1,560	5,213	7,434	11,885
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	250	250	250	250	250	250
Woodbine Aquifer	247	247	247	247	247	247
North Texas Municipal Water District (through various suppliers)	1,028	831	751	3,140	4,328	6,577
<b>Total Current Supplies</b>	1,525	1,328	1,248	3,637	4,825	7,074
<b>Need (Demand - Current Supply)</b>	88	254	312	1,576	2,609	4,811
<b>Water Management Strategies</b>						
Water Conservation	13	19	16	70	124	238
Additional Water from NTMWD	75	235	296	1,506	2,485	4,573
<b>Total Water Management Strategies</b>	88	254	312	1,576	2,609	4,811
<b>Reserve (Shortage)</b>	0	0	0	0	0	0

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

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	715	602	740	594	782	724
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District	659	461	523	395	488	418
<b>Total Current Supplies</b>	659	461	523	395	488	418
<b>Need (Demand - Current Supply)</b>	56	141	217	199	294	306
<b>Water Management Strategies</b>						
Additional Water from NTMWD	56	141	217	199	294	306
<b>Total Water Management Strategies</b>	56	141	217	199	294	306
<b>Reserve (Shortage)</b>	0	0	0	0	0	0

**Table C-53  
Collinsville**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	2,117	2,685	3,246	3,889	5,000	6,500
<b>Projected Water Demand</b>						
Municipal Demand	233	285	338	401	513	666
<b>Total Projected Water Demand</b>	233	285	338	401	513	666
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	242	242	242	242	242	242
<b>Total Current Supplies</b>	242	242	242	242	242	242
<b>Need (Demand - Current Supply)</b>	0	43	96	159	271	424
<b>Water Management Strategies</b>						
Water Conservation	2	3	3	5	9	13
Grayson County Water Supply Project (Northwest WTP)	0	40	93	154	262	411
<b>Total Water Management Strategies</b>	2	43	96	159	271	424
<b>Reserve (Shortage)</b>	11	0	0	0	0	0

**Table C-54  
Combine**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	2,690	3,278	3,939	4,692	5,545	6,501
<b>Projected Water Demand</b>						
Municipal Demand	308	361	423	498	588	687
<b>Total Projected Water Demand</b>	<b>308</b>	<b>361</b>	<b>423</b>	<b>498</b>	<b>588</b>	<b>687</b>
<b>Currently Available Water Supplies</b>						
Combine WSC (DWU)	183	188	189	189	169	152
<b>Total Current Supplies</b>	<b>183</b>	<b>188</b>	<b>189</b>	<b>189</b>	<b>169</b>	<b>152</b>
<b>Need (Demand - Current Supply)</b>	<b>125</b>	<b>173</b>	<b>234</b>	<b>309</b>	<b>419</b>	<b>535</b>
<b>Water Management Strategies</b>						
Water Conservation	3	4	4	7	10	14
Additional Combine WSC (DWU)	122	169	230	302	409	521
<b>Total Water Management Strategies</b>	<b>125</b>	<b>173</b>	<b>234</b>	<b>309</b>	<b>419</b>	<b>535</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	3,498	3,933	4,363	4,781	5,200	5,610
<b>Projected Water Demand</b>						
Municipal Demand	347	369	394	430	466	502
<b>Total Projected Water Demand</b>	<b>347</b>	<b>369</b>	<b>394</b>	<b>430</b>	<b>466</b>	<b>502</b>
<b>Currently Available Water Supplies</b>						
Tarrant Regional Water District	347	336	317	306	295	284
<b>Total Current Supplies</b>	<b>347</b>	<b>336</b>	<b>317</b>	<b>306</b>	<b>295</b>	<b>284</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>33</b>	<b>77</b>	<b>124</b>	<b>171</b>	<b>218</b>
<b>Water Management Strategies</b>						
Water Conservation	3	4	4	6	8	10
Additional Water from TRWD	0	29	73	118	163	208
<b>Total Water Management Strategies</b>	<b>3</b>	<b>33</b>	<b>77</b>	<b>124</b>	<b>171</b>	<b>218</b>
<b>Reserve (Shortage)</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-56  
Cooke County Irrigation**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>300</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	176	176	176	176	176	176
Woodbine Aquifer	49	49	49	49	49	49
Direct Reuse (Gainesville)	9	9	9	9	9	9
Moss Lake (Gainesville)	66	66	66	66	66	27
<b>Total Current Supplies</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>261</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>39</b>
<b>Water Management Strategies</b>						
Additional Gainesville	0	0	0	0	0	39
<b>Total Water Management Strategies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>39</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-57  
Cooke County Livestock**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>1,494</b>	<b>1,494</b>	<b>1,494</b>	<b>1,494</b>	<b>1,494</b>	<b>1,494</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	307	307	307	307	307	307
Woodbine Aquifer	60	60	60	60	60	60
Local Supplies	1,187	1,187	1,187	1,187	1,187	1,187
<b>Total Current Supplies</b>	<b>1,554</b>	<b>1,554</b>	<b>1,554</b>	<b>1,554</b>	<b>1,554</b>	<b>1,554</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
None						
<b>Total Water Management Strategies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Reserve (Shortage)</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>

**Table C-58  
Cooke County Manufacturing**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>226</b>	<b>247</b>	<b>268</b>	<b>286</b>	<b>310</b>	<b>336</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	34	34	34	34	34	34
Gainesville	192	213	234	252	276	124
<b>Total Current Supplies</b>	<b>226</b>	<b>247</b>	<b>268</b>	<b>286</b>	<b>310</b>	<b>158</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>178</b>
<b>Water Management Strategies</b>						
Water Conservation	0	0	5	8	8	9
Additional Gainesville	0	0	0	0	0	169
<b>Total Water Management Strategies</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>8</b>	<b>8</b>	<b>178</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>8</b>	<b>8</b>	<b>0</b>

**Table C-59  
Cooke County Mining**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>1,583</b>	<b>900</b>	<b>378</b>	<b>446</b>	<b>511</b>	<b>586</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	800	750	300	300	300	300
<b>Total Current Supplies</b>	<b>800</b>	<b>750</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>300</b>
<b>Need (Demand - Current Supply)</b>	<b>783</b>	<b>150</b>	<b>78</b>	<b>146</b>	<b>211</b>	<b>286</b>
<b>Water Management Strategies</b>						
Direct Reuse	99	67	71	74	77	80
Connect to Gainesville	684	83	7	72	134	206
<b>Total Water Management Strategies</b>	<b>783</b>	<b>150</b>	<b>78</b>	<b>146</b>	<b>211</b>	<b>286</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-60  
Cooke County Other**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>8,500</b>	<b>9,000</b>	<b>9,724</b>	<b>13,000</b>	<b>15,000</b>	<b>31,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	1,123	1,149	1,209	1,590	1,830	3,767
<b>Total Projected Water Demand</b>	<b>1,123</b>	<b>1,149</b>	<b>1,209</b>	<b>1,590</b>	<b>1,830</b>	<b>3,767</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	916	966	1,416	1,416	1,416	1,416
Woodbine Aquifer	45	45	45	45	45	45
Other Aquifer	0	0	0	0	0	0
Gainesville	162	138	0	129	369	951
<b>Total Current Supplies</b>	<b>1,123</b>	<b>1,149</b>	<b>1,461</b>	<b>1,590</b>	<b>1,830</b>	<b>2,412</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,355</b>
<b>Water Management Strategies</b>						
Water Conservation	9	13	12	21	31	75
Additional Gainesville	0	0	0	0	0	1,280
<b>Total Water Management Strategies</b>	<b>9</b>	<b>13</b>	<b>12</b>	<b>21</b>	<b>31</b>	<b>1,355</b>
<b>Reserve (Shortage)</b>	<b>9</b>	<b>13</b>	<b>264</b>	<b>21</b>	<b>31</b>	<b>0</b>

**Table C-61  
Cooke County Steam Electric Power**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Currently Available Water Supplies</b>						
None	0	0	0	0	0	0
<b>Total Current Supplies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
None						
<b>Total Water Management Strategies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-62  
Copeville Special Utility District**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>3,846</b>	<b>4,804</b>	<b>5,972</b>	<b>8,000</b>	<b>14,000</b>	<b>24,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	319	376	452	596	1,037	1,773
<b>Total Projected Demand</b>	<b>319</b>	<b>376</b>	<b>452</b>	<b>596</b>	<b>1,037</b>	<b>1,773</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District	294	288	319	397	647	1,024
<b>Total Current Supplies</b>	<b>294</b>	<b>288</b>	<b>319</b>	<b>397</b>	<b>647</b>	<b>1,024</b>
<b>Need (Demand - Current Supply)</b>	<b>25</b>	<b>88</b>	<b>133</b>	<b>199</b>	<b>390</b>	<b>749</b>
<b>Water Management Strategies</b>						
Water Conservation	3	4	5	8	17	35
Additional Water from NTMWD	22	84	128	191	373	714
<b>Total Water Management Strategies</b>	<b>25</b>	<b>88</b>	<b>133</b>	<b>199</b>	<b>390</b>	<b>749</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-63  
Coppell**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>41,460</b>	<b>42,953</b>	<b>42,953</b>	<b>42,953</b>	<b>42,953</b>	<b>42,953</b>
<b>Projected Water Demand</b>						
Municipal Demand	10,992	11,245	11,146	11,089	11,075	11,074
<b>Total Projected Demand</b>	<b>10,992</b>	<b>11,245</b>	<b>11,146</b>	<b>11,089</b>	<b>11,075</b>	<b>11,074</b>
<b>Currently Available Water Supplies</b>						
Dallas Water Utilities	10,481	9,751	8,632	7,917	7,396	7,044
<b>Total Current Supplies</b>	<b>10,481</b>	<b>9,751</b>	<b>8,632</b>	<b>7,917</b>	<b>7,396</b>	<b>7,044</b>
<b>Need (Demand - Current Supply)</b>	<b>511</b>	<b>1,494</b>	<b>2,514</b>	<b>3,172</b>	<b>3,679</b>	<b>4,030</b>
<b>Water Management Strategies</b>						
Water Conservation	202	299	334	370	406	443
Additional Water from DWU	309	1,195	2,180	2,802	3,273	3,587
<b>Total Water Management Strategies</b>	<b>511</b>	<b>1,494</b>	<b>2,514</b>	<b>3,172</b>	<b>3,679</b>	<b>4,030</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



**Table C-64  
Copper Canyon**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	1,419	1,523	1,647	1,785	1,947	2,131
<b>Projected Water Demand</b>						
Municipal Demand	260	272	289	310	338	369
<b>Total Projected Water Demand</b>	<b>260</b>	<b>272</b>	<b>289</b>	<b>310</b>	<b>338</b>	<b>369</b>
<b>Currently Available Water Supplies</b>						
Groundwater (thru Cross Timbers WSC)	167	167	167	167	167	167
UTRWD (thru Cross Timbers WSC)	93	94	95	94	102	101
<b>Total Current Supplies</b>	<b>260</b>	<b>261</b>	<b>262</b>	<b>261</b>	<b>269</b>	<b>268</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>11</b>	<b>27</b>	<b>49</b>	<b>69</b>	<b>101</b>
<b>Water Management Strategies</b>						
Water Conservation	5	7	9	10	12	15
Additional Water from Cross Timbers WSC	0	21	51	89	123	152
<b>Total Water Management Strategies</b>	<b>5</b>	<b>28</b>	<b>60</b>	<b>99</b>	<b>135</b>	<b>167</b>
<b>Reserve (Shortage)</b>	<b>5</b>	<b>17</b>	<b>33</b>	<b>50</b>	<b>66</b>	<b>66</b>

**Table C-65  
Corbet Water Supply Corporation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	2,865	3,159	3,462	3,808	4,170	4,556
<b>Projected Water Demand</b>						
Municipal Demand	258	272	289	312	341	372
<b>Total Projected Demand</b>	<b>258</b>	<b>272</b>	<b>289</b>	<b>312</b>	<b>341</b>	<b>372</b>
<b>Currently Available Water Supplies</b>						
Corsicana	258	176	173	168	161	151
<b>Total Current Supplies</b>	<b>258</b>	<b>176</b>	<b>173</b>	<b>168</b>	<b>161</b>	<b>151</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>96</b>	<b>116</b>	<b>144</b>	<b>180</b>	<b>221</b>
<b>Water Management Strategies</b>						
Water Conservation	2	3	3	4	6	7
Additional Water from Corsicana	0	93	113	140	174	214
<b>Total Water Management Strategies</b>	<b>2</b>	<b>96</b>	<b>116</b>	<b>144</b>	<b>180</b>	<b>221</b>
<b>Reserve (Shortage)</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-66  
Corinth**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>24,911</b>	<b>29,499</b>	<b>29,499</b>	<b>29,499</b>	<b>29,499</b>	<b>29,499</b>
<b>Projected Water Demand</b>						
Municipal Demand	4,266	4,983	4,956	4,939	4,932	4,931
<b>Total Projected Demand</b>	<b>4,266</b>	<b>4,983</b>	<b>4,956</b>	<b>4,939</b>	<b>4,932</b>	<b>4,931</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	274	274	274	274	274	274
Upper Trinity Regional Water District	3,145	2,566	1,994	1,578	1,404	1,231
<b>Total Current Supplies</b>	<b>3,419</b>	<b>2,840</b>	<b>2,268</b>	<b>1,852</b>	<b>1,678</b>	<b>1,506</b>
<b>Need (Demand - Current Supply)</b>	<b>847</b>	<b>2,143</b>	<b>2,688</b>	<b>3,087</b>	<b>3,254</b>	<b>3,425</b>
<b>Water Management Strategies</b>						
Water Conservation	84	143	162	178	194	210
New Wells in Trinity Aquifer	847	1,408	1,408	1,408	1,408	1,408
Additional Water from UTRWD	0	592	1,118	1,501	1,652	1,807
<b>Total Water Management Strategies</b>	<b>931</b>	<b>2,143</b>	<b>2,688</b>	<b>3,087</b>	<b>3,254</b>	<b>3,425</b>
<b>Reserve (Shortage)</b>	<b>84</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-67  
Corsicana**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population (in City)</b>	<b>26,298</b>	<b>28,997</b>	<b>31,785</b>	<b>34,959</b>	<b>38,279</b>	<b>41,823</b>
<b>Projected Water Demand</b>						
Municipal Demand	6,003	6,474	6,984	7,622	8,333	9,101
Manufacturing and Customers	5,460	11,333	11,811	12,715	14,105	16,013
<b>Total Projected Demand</b>	<b>11,463</b>	<b>17,807</b>	<b>18,795</b>	<b>20,337</b>	<b>22,438</b>	<b>25,114</b>
<b>Currently Available Water Supplies</b>						
Lake Halbert/Richland-Chambers	13,863	13,855	13,847	13,838	13,830	13,822
Navarro Mills Lake	17,828	17,325	16,317	15,308	14,300	13,292
<b>Total Current Supplies</b>	<b>31,691</b>	<b>31,180</b>	<b>30,163</b>	<b>29,147</b>	<b>28,130</b>	<b>27,114</b>
<b>Total Current Supplies Limited by treatment capacity</b>	<b>13,452</b>	<b>13,452</b>	<b>13,452</b>	<b>13,452</b>	<b>13,452</b>	<b>13,452</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>4,355</b>	<b>5,343</b>	<b>6,885</b>	<b>8,986</b>	<b>11,662</b>
<b>Water Management Strategies</b>						
Water Conservation (retail)	110	170	210	254	306	364
Water Conservation (wholesale)	30	44	47	72	112	165
New 8 MGD Halbert/Richland Chambers WTP (4 mgd increase from current plant)	2,242	2,242	2,242	2,242	2,242	2,242
Raw Water for Power Plant (Pipeline and PS)		5,440	5,440	5,440	5,440	5,440
8 MGD Expansion of Halbert/Richland Chambers WTP and expansion of pump station				4,484	4,484	4,484
<b>Total Water Management Strategies</b>	<b>2,382</b>	<b>7,896</b>	<b>7,939</b>	<b>12,492</b>	<b>12,584</b>	<b>12,695</b>
<b>Reserve (Shortage)</b>	<b>4,371</b>	<b>3,541</b>	<b>2,596</b>	<b>5,607</b>	<b>3,598</b>	<b>1,033</b>

Note: See Appendix H for details on demand.

**Table C-68  
Crandall**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>4,295</b>	<b>5,379</b>	<b>6,623</b>	<b>8,000</b>	<b>8,000</b>	<b>8,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	779	955	1,162	1,397	1,396	1,395
<b>Total Projected Demand</b>	<b>779</b>	<b>955</b>	<b>1,162</b>	<b>1,397</b>	<b>1,396</b>	<b>1,395</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District	605	605	605	605	605	605
<b>Total Current Supplies</b>	<b>605</b>	<b>605</b>	<b>605</b>	<b>605</b>	<b>605</b>	<b>605</b>
<b>Need (Demand - Current Supply)</b>	<b>174</b>	<b>350</b>	<b>557</b>	<b>792</b>	<b>791</b>	<b>790</b>
<b>Water Management Strategies</b>						
Water Conservation	14	25	35	47	51	56
Additional water from NTMWD	160	325	522	745	740	734
<b>Total Water Management Strategies</b>	<b>174</b>	<b>350</b>	<b>557</b>	<b>792</b>	<b>791</b>	<b>790</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Region C Population</b>	<b>451</b>	<b>505</b>	<b>566</b>	<b>637</b>	<b>720</b>	<b>815</b>
<b>Projected Water Demand</b>						
Region C Municipal Demand	68	75	83	92	104	118
<b>Total Projected Region C Demand</b>	<b>68</b>	<b>75</b>	<b>83</b>	<b>92</b>	<b>104</b>	<b>118</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer (Region G)	57	43	32	22	11	3
<b>Total Current Supplies</b>	<b>57</b>	<b>43</b>	<b>32</b>	<b>22</b>	<b>11</b>	<b>3</b>
<b>Need (Demand - Current Supply)</b>	<b>11</b>	<b>32</b>	<b>51</b>	<b>70</b>	<b>93</b>	<b>115</b>
<b>Water Management Strategies</b>						
Region C Water Conservation	1	1	1	1	2	2
New well in Trinity Aquifer (Parker Co)	113	113	113	113	113	113
<b>Total Water Management Strategies</b>	<b>114</b>	<b>114</b>	<b>114</b>	<b>114</b>	<b>115</b>	<b>115</b>
<b>Reserve (Shortage)</b>	<b>103</b>	<b>82</b>	<b>63</b>	<b>44</b>	<b>22</b>	<b>0</b>

\*Additional population for Cresson is located in Region G (Hood and Johnson Counties). The population shown here is only the portion of Cresson that is located in Parker County.

**Table C-70  
Cross Roads**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>2,256</b>	<b>3,096</b>	<b>3,800</b>	<b>3,800</b>	<b>3,800</b>	<b>3,800</b>
<b>Projected Water Demand</b>						
Municipal Demand	457	619	756	755	754	754
<b>Total Projected Demand</b>	<b>457</b>	<b>619</b>	<b>756</b>	<b>755</b>	<b>754</b>	<b>754</b>
<b>Currently Available Water Supplies</b>						
Mustang SUD (Groundwater)	75	75	75	75	75	75
Mustang SUD (UTRWD)	457	481	460	366	326	286
<b>Total Current Supplies</b>	<b>532</b>	<b>556</b>	<b>535</b>	<b>441</b>	<b>401</b>	<b>361</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>63</b>	<b>221</b>	<b>314</b>	<b>353</b>	<b>393</b>
<b>Water Management Strategies</b>						
Water Conservation	8	16	23	25	28	30
Additional Water from Mustang SUD	0	47	198	289	325	363
<b>Total Water Management Strategies</b>	<b>8</b>	<b>63</b>	<b>221</b>	<b>314</b>	<b>353</b>	<b>393</b>
<b>Reserve (Shortage)</b>	<b>83</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-71  
Crowley (Regions C and G)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>16,362</b>	<b>19,142</b>	<b>22,883</b>	<b>27,525</b>	<b>35,213</b>	<b>40,258</b>
<b>Projected Water Demand</b>						
Municipal Demand	2,427	2,776	3,273	3,911	4,992	5,703
<b>Total Projected Water Demand</b>	<b>2,427</b>	<b>2,776</b>	<b>3,273</b>	<b>3,911</b>	<b>4,992</b>	<b>5,703</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	320	320	320	320	320	320
Fort Worth (TRWD) (limited by contract)	1,682	1,681	1,682	1,682	1,681	1,682
<b>Total Current Supplies</b>	<b>2,002</b>	<b>2,001</b>	<b>2,002</b>	<b>2,002</b>	<b>2,001</b>	<b>2,002</b>
<b>Need (Demand - Current Supply)</b>	<b>425</b>	<b>775</b>	<b>1,271</b>	<b>1,909</b>	<b>2,991</b>	<b>3,701</b>
<b>Water Management Strategies</b>						
Water Conservation	20	30	33	52	83	113
Additional Water from TRWD	405	745	1,238	1,857	2,908	3,588
<i>Increase delivery infrastructure from Ft Worth in future</i>	<i>0</i>	<i>184</i>	<i>678</i>	<i>1,297</i>	<i>2,347</i>	<i>3,028</i>
<b>Total Water Management Strategies</b>	<b>425</b>	<b>775</b>	<b>1,271</b>	<b>1,909</b>	<b>2,991</b>	<b>3,701</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>4,500</b>	<b>5,500</b>	<b>9,000</b>	<b>11,000</b>	<b>12,000</b>	<b>15,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	328	370	605	740	807	1,009
<b>Total Projected Water Demand</b>	<b>328</b>	<b>370</b>	<b>605</b>	<b>740</b>	<b>807</b>	<b>1,009</b>
<b>Currently Available Water Supplies</b>						
Princeton (NTMWD)	302	284	427	493	503	583
<b>Total Current Supplies</b>	<b>302</b>	<b>284</b>	<b>427</b>	<b>493</b>	<b>503</b>	<b>583</b>
<b>Need (Demand - Current Supply)</b>	<b>26</b>	<b>86</b>	<b>178</b>	<b>247</b>	<b>304</b>	<b>426</b>
<b>Water Management Strategies</b>						
Water Conservation	3	4	6	10	13	20
Add'l Water from Princeton (NTMWD)	23	82	172	237	291	406
<b>Total Water Management Strategies</b>	<b>26</b>	<b>86</b>	<b>178</b>	<b>247</b>	<b>304</b>	<b>426</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-73**  
**Dallas**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population (in City)</b>	1,242,136	1,347,717	1,531,680	1,707,057	1,841,064	1,905,499
<b>Projected Water Demand</b>						
Municipal Demand	275,299	292,403	326,913	361,494	389,253	402,811
Manufacturing and Customers	242,444	273,083	298,370	329,357	368,224	400,533
<b>Total Projected Demand</b>	<b>517,743</b>	<b>565,486</b>	<b>625,283</b>	<b>690,851</b>	<b>757,477</b>	<b>803,344</b>
<b>Currently Available Water Supplies</b>						
Elm Fork System	172,975	165,580	158,185	150,791	143,396	136,001
Lake Grapevine	7,367	7,150	6,933	6,717	6,500	6,283
Lake Ray Hubbard	56,113	54,800	53,487	52,173	50,860	49,547
Lake Tawakoni	174,080	169,120	164,160	159,200	154,240	149,280
Lake Fork	50,120	55,080	60,040	65,000	69,960	74,920
Direct Reuse (Golf Course)	1,121	1,121	1,121	1,121	1,121	1,121
White Rock Lake (Irrigation Only)	3,200	2,900	2,600	2,300	2,000	1,700
Return flow (Indirect Reuse Supplies)	32,550	38,223	41,048	55,000	73,091	87,511
<b>Total Current Supplies</b>	<b>497,526</b>	<b>493,974</b>	<b>487,574</b>	<b>492,302</b>	<b>501,168</b>	<b>506,363</b>
<b>Need (Demand - Current Supply)</b>	<b>20,217</b>	<b>71,512</b>	<b>137,709</b>	<b>198,549</b>	<b>256,309</b>	<b>296,981</b>
<b>Water Management Strategies</b>						
Conservation (DWU Retail)	10,817	26,096	37,456	41,876	42,607	42,020
Conservation (Wholesale Customers)	2,814	5,812	7,299	9,286	11,439	13,622
Indirect Reuse Implementation						
Main Stem Pump Station	34,751	34,751	34,751	34,751	34,751	34,751
Main Stem Balancing Reservoir (Reuse)				84,075	102,011	114,342
Connect Lake Palestine (Palestine to IPL to Bachman)		110,670	109,563	108,455	107,347	106,239
Neches Run-of-River					47,250	47,250
Lake Columbia						56,050
<i>Infrastructure to Treat &amp; Deliver to Customers</i>	34,751	145,421	144,314	227,281	291,359	358,632
<b>Total Water Management Strategies</b>	<b>48,382</b>	<b>177,329</b>	<b>189,069</b>	<b>278,443</b>	<b>345,405</b>	<b>414,274</b>
<b>Reserve (Shortage)</b>	<b>28,165</b>	<b>105,817</b>	<b>51,360</b>	<b>79,894</b>	<b>89,096</b>	<b>117,293</b>

**Table C-74**  
**Dallas-Fort Worth International Airport (Sub-WUG)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>						
Municipal Demand	4,005	4,005	4,005	4,005	4,005	4,005
<b>Total Projected Water Demand</b>	<b>4,005</b>	<b>4,005</b>	<b>4,005</b>	<b>4,005</b>	<b>4,005</b>	<b>4,005</b>
<b>Currently Available Water Supplies</b>						
Dallas Water Utilities	2,291	2,083	1,550	1,430	1,336	1,274
Fort Worth (TRWD sources)	1,448	1,228	1,163	1,048	959	881
Fort Worth Reuse	80	80	301	301	301	301
<b>Total Current Supplies</b>	<b>3,819</b>	<b>3,391</b>	<b>3,014</b>	<b>2,779</b>	<b>2,596</b>	<b>2,456</b>
<b>Need (Demand - Current Supply)</b>	<b>186</b>	<b>614</b>	<b>991</b>	<b>1,226</b>	<b>1,409</b>	<b>1,549</b>
<b>Water Management Strategies</b>						
Water Conservation						
Additional Fort Worth	74	294	539	654	743	821
Additional Dallas	112	320	452	572	666	728
<b>Total Water Management Strategies</b>	<b>186</b>	<b>614</b>	<b>991</b>	<b>1,226</b>	<b>1,409</b>	<b>1,549</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-75**  
**Dallas County Irrigation**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>9,134</b>	<b>9,134</b>	<b>9,134</b>	<b>9,134</b>	<b>9,134</b>	<b>9,134</b>
<b>Currently Available Water Supplies</b>						
DWU Direct Reuse Sources	490	490	490	490	490	490
Local Supplies	791	791	791	791	791	791
Trinity Aquifer	1,587	1,587	1,587	1,587	1,587	1,587
Woodbine Aquifer	1,372	1,372	1,372	1,372	1,372	1,372
TRA Direct Reuse (Las Colinas)	8,000	8,000	8,000	8,000	8,000	8,000
TRA Direct Reuse (Ten Mile WWTP)	125	125	125	125	125	125
Joe Pool Lake (Grand Prairie)	300	300	300	300	300	300
Other Aquifer	0	0	0	0	0	0
<b>Total Current Supplies</b>	<b>12,665</b>	<b>12,665</b>	<b>12,665</b>	<b>12,665</b>	<b>12,665</b>	<b>12,665</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	18	294	565	708	841	975
Additional TRA Las Colinas	0	7,000	7,000	7,000	7,000	7,000
<b>Total Water Management Strategies</b>	<b>18</b>	<b>7,294</b>	<b>7,565</b>	<b>7,708</b>	<b>7,841</b>	<b>7,975</b>
<b>Reserve (Shortage)</b>	<b>3,549</b>	<b>10,825</b>	<b>11,096</b>	<b>11,239</b>	<b>11,372</b>	<b>11,506</b>

**Table C-76  
Dallas County Livestock**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	854	854	854	854	854	854
<b>Currently Available Water Supplies</b>						
Local supplies	198	198	198	198	198	198
Woodbine Aquifer	763	763	763	763	763	763
<b>Total Current Supplies</b>	<b>961</b>	<b>961</b>	<b>961</b>	<b>961</b>	<b>961</b>	<b>961</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
None						
<b>Total Water Management Strategies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Reserve (Shortage)</b>	<b>107</b>	<b>107</b>	<b>107</b>	<b>107</b>	<b>107</b>	<b>107</b>

**Table C-77  
Dallas County Other**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>5,339</b>	<b>3,000</b>	<b>2,000</b>	<b>2,000</b>	<b>2,000</b>	<b>2,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	3,106	2,622	2,415	2,414	2,413	2,413
<b>Total Projected Water Demand</b>	<b>3,106</b>	<b>2,622</b>	<b>2,415</b>	<b>2,414</b>	<b>2,413</b>	<b>2,413</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	205	205	205	205	205	205
Woodbine Aquifer	56	56	56	56	56	56
Dallas Water Utilities	803	310	117	107	100	95
Dallas Water Utilities (for DFW Airport)	1,146	1,042	775	715	668	637
TRWD sources for DFW Airport (thru Ft Worth)	724	614	582	524	480	441
Ft Worth Reuse Sources for DFW Airport	40	40	151	151	151	151
<b>Total Current Supplies</b>	<b>2,974</b>	<b>2,267</b>	<b>1,886</b>	<b>1,758</b>	<b>1,660</b>	<b>1,585</b>
<b>Need (Demand - Current Supply)</b>	<b>132</b>	<b>355</b>	<b>529</b>	<b>656</b>	<b>753</b>	<b>828</b>
<b>Water Management Strategies</b>						
Water Conservation	14	15	6	9	11	13
Add'l Dallas	39	48	34	43	49	54
Add'l Dallas for DFW Airport	56	160	226	286	333	364
Add'l Ft Worth/TRWD for DFW Airport	77	187	420	478	522	561
<b>Total Water Management Strategies</b>	<b>186</b>	<b>410</b>	<b>686</b>	<b>816</b>	<b>915</b>	<b>992</b>
<b>Reserve (Shortage)</b>	<b>54</b>	<b>55</b>	<b>157</b>	<b>160</b>	<b>162</b>	<b>164</b>



**Table C-78  
Dallas County Manufacturing**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>37,791</b>	<b>41,148</b>	<b>44,214</b>	<b>46,703</b>	<b>46,983</b>	<b>47,265</b>
<b>Currently Available Water Supplies</b>						
Dallas Water Utilities	27,213	27,008	25,371	24,526	23,058	22,097
NTMWD (thru Garland & Mequite)	3,482	3,153	3,122	3,109	2,931	2,729
Irving (Lake Chapman)	3,779	4,115	4,421	4,670	4,698	4,727
Grand Prairie	692	673	611	563	518	494
Trinity Aquifer	530	530	530	530	530	530
Woodbine Aquifer	43	43	43	43	43	43
<b>Total Current Supplies</b>	<b>35,739</b>	<b>35,522</b>	<b>34,098</b>	<b>33,441</b>	<b>31,778</b>	<b>30,620</b>
<b>Need (Demand - Current Supply)</b>	<b>2,052</b>	<b>5,626</b>	<b>10,116</b>	<b>13,262</b>	<b>15,205</b>	<b>16,645</b>
<b>Water Management Strategies</b>						
Water Conservation	0	80	917	1,316	1,367	1,379
Additional Water from DWU	1,327	4,137	7,390	9,827	11,469	12,643
Additional Water from NTMWD	297	962	1,299	1,561	1,767	1,997
Additional Water from Grand Prairie	429	448	510	558	603	627
<b>Total Water Management Strategies</b>	<b>2,053</b>	<b>5,626</b>	<b>10,116</b>	<b>13,262</b>	<b>15,206</b>	<b>16,645</b>
<b>Reserve (Shortage)</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>

**Table C-79  
Dallas County Mining**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>3,038</b>	<b>2,656</b>	<b>2,279</b>	<b>1,930</b>	<b>1,922</b>	<b>1,916</b>
<b>Currently Available Water Supplies</b>						
DWU Sources	1,012	589	234	138	128	122
Local Supplies	1,525	1,525	1,525	1,525	1,525	1,525
Trinity Aquifer	452	452	452	452	452	452
<b>Total Current Supplies</b>	<b>2,989</b>	<b>2,566</b>	<b>2,211</b>	<b>2,115</b>	<b>2,105</b>	<b>2,099</b>
<b>Need (Demand - Current Supply)</b>	<b>49</b>	<b>90</b>	<b>68</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Additional Water from DWU	49	90	68	55	64	70
<b>Total Water Management Strategies</b>	<b>49</b>	<b>90</b>	<b>68</b>	<b>55</b>	<b>64</b>	<b>70</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>240</b>	<b>247</b>	<b>253</b>

**Table C-80  
Dallas County Steam Electric Power**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>5,000</b>	<b>5,000</b>	<b>11,066</b>	<b>11,066</b>	<b>11,066</b>	<b>11,066</b>
<b>Currently Available Water Supplies</b>						
Dallas Water Utilities	4,768	4,336	3,872	3,570	3,339	3,180
Mountain Creek Lake	6,400	6,400	6,400	6,400	6,400	6,400
Run-of-River	368	368	368	368	368	368
<b>Total Current Supplies</b>	<b>11,536</b>	<b>11,104</b>	<b>10,640</b>	<b>10,338</b>	<b>10,107</b>	<b>9,948</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>426</b>	<b>728</b>	<b>959</b>	<b>1,118</b>
<b>Water Management Strategies</b>						
Additional Water from DWU	232	664	1,128	1,430	1,661	1,820
TRA Reuse	0	2,000	2,000	2,000	2,000	2,000
<b>Total Water Management Strategies</b>	<b>232</b>	<b>2,664</b>	<b>3,128</b>	<b>3,430</b>	<b>3,661</b>	<b>3,820</b>
<b>Reserve (Shortage)</b>	<b>6,768</b>	<b>8,768</b>	<b>2,702</b>	<b>2,702</b>	<b>2,702</b>	<b>2,702</b>

**Table C-81  
Dalworthington Gardens**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>2,307</b>	<b>2,359</b>	<b>2,410</b>	<b>2,460</b>	<b>2,510</b>	<b>2,559</b>
<b>Projected Water Demand</b>						
Municipal Demand	912	922	933	947	966	984
<b>Total Projected Water Demand</b>	<b>912</b>	<b>922</b>	<b>933</b>	<b>947</b>	<b>966</b>	<b>984</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	325	325	325	325	325	325
Fort Worth (TRWD)	559	481	416	383	361	341
<b>Total Current Supplies</b>	<b>884</b>	<b>806</b>	<b>741</b>	<b>708</b>	<b>686</b>	<b>666</b>
<b>Need (Demand - Current Supply)</b>	<b>28</b>	<b>116</b>	<b>192</b>	<b>239</b>	<b>280</b>	<b>318</b>
<b>Water Management Strategies</b>						
Water Conservation	17	25	28	32	35	39
Additional Water from Fort Worth	11	91	164	207	245	279
<b>Total Water Management Strategies</b>	<b>28</b>	<b>116</b>	<b>192</b>	<b>239</b>	<b>280</b>	<b>318</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-82  
Dawson**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>893</b>	<b>985</b>	<b>1,080</b>	<b>1,187</b>	<b>1,300</b>	<b>1,420</b>
<b>Projected Water Demand</b>						
Municipal Demand	149	160	172	187	204	223
<b>Total Projected Water Demand</b>	<b>149</b>	<b>160</b>	<b>172</b>	<b>187</b>	<b>204</b>	<b>223</b>
<b>Currently Available Water Supplies</b>						
Corsicana	149	104	103	101	96	91
<b>Total Current Supplies</b>	<b>149</b>	<b>104</b>	<b>103</b>	<b>101</b>	<b>96</b>	<b>91</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>56</b>	<b>69</b>	<b>86</b>	<b>108</b>	<b>132</b>
<b>Water Management Strategies</b>						
Water Conservation	1	3	4	6	7	9
Additional Water from Corsicana	0	53	65	80	101	123
<b>Total Water Management Strategies</b>	<b>1</b>	<b>56</b>	<b>69</b>	<b>86</b>	<b>108</b>	<b>132</b>
<b>Reserve (Shortage)</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-83  
Decatur**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>8,508</b>	<b>11,738</b>	<b>15,253</b>	<b>19,751</b>	<b>23,225</b>	<b>27,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	2,319	3,149	4,060	5,240	6,157	7,156
<b>Total Projected Water Demand</b>	<b>2,319</b>	<b>3,149</b>	<b>4,060</b>	<b>5,240</b>	<b>6,157</b>	<b>7,156</b>
<b>Currently Available Water Supplies</b>						
Wise Co. Water Supply District (TRWD)	1,206	1,348	1,449	1,227	1,113	1,055
<b>Total Current Supplies</b>	<b>1,206</b>	<b>1,348</b>	<b>1,449</b>	<b>1,227</b>	<b>1,113</b>	<b>1,055</b>
<b>Need (Demand - Current Supply)</b>	<b>1,113</b>	<b>1,801</b>	<b>2,611</b>	<b>4,013</b>	<b>5,044</b>	<b>6,101</b>
<b>Water Management Strategies</b>						
Water Conservation	43	80	122	175	226	286
Additional Water from Wise Co. WSD	1,070	1,721	2,489	3,838	4,818	5,815
<b>Total Water Management Strategies</b>	<b>1,113</b>	<b>1,801</b>	<b>2,611</b>	<b>4,013</b>	<b>5,044</b>	<b>6,101</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-84  
Denison**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population (in City)</b>	<b>25,127</b>	<b>27,949</b>	<b>30,731</b>	<b>33,925</b>	<b>40,000</b>	<b>50,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	6,641	7,251	7,868	8,629	10,158	12,688
Manufacturing and Customers	1,498	1,691	1,819	1,870	1,948	2,032
<b>Total Projected Demand</b>	<b>8,139</b>	<b>8,942</b>	<b>9,687</b>	<b>10,499</b>	<b>12,106</b>	<b>14,720</b>
<b>Currently Available Water Supplies</b>						
Lake Randell	1,400	1,400	1,400	1,400	1,400	1,400
Lake Texoma (limited by WTP Capacity)	6,623	6,686	6,746	6,797	6,875	6,959
Woodbine Aquifer	121	121	121	121	121	121
<b>Total Current Supplies</b>	<b>8,144</b>	<b>8,207</b>	<b>8,267</b>	<b>8,318</b>	<b>8,396</b>	<b>8,480</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>736</b>	<b>1,421</b>	<b>2,182</b>	<b>3,711</b>	<b>6,241</b>
<b>Water Management Strategies</b>						
Water Conservation (retail)	233	554	631	721	882	1,144
Water Conservation (wholesale)	7	14	37	59	95	155
Additional Lake Texoma with Infrastructure as follows:	0	2,242	2,242	2,242	4,484	6,726
4 MGD WTP Expansion		2,242	2,242	2,242	2,242	2,242
4 MGD New WTP					2,242	2,242
4 MGD WTP Expansion						2,242
Expand Raw Water delivery from Lake Texoma		2,242	2,242	2,242	4,484	6,726
<b>Total Water Management Strategies</b>	<b>240</b>	<b>2,810</b>	<b>2,910</b>	<b>3,022</b>	<b>5,461</b>	<b>8,025</b>
<b>Reserve (Shortage)</b>	<b>245</b>	<b>2,075</b>	<b>1,490</b>	<b>841</b>	<b>1,751</b>	<b>1,785</b>

**Table C-85  
Denton**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population (in City)</b>	<b>160,145</b>	<b>211,773</b>	<b>268,780</b>	<b>341,471</b>	<b>468,168</b>	<b>570,694</b>
<b>Projected Water Demand</b>						
Municipal Demand	28,908	37,431	47,013	59,444	81,374	99,143
Manufacturing and Customers*	2,252	2,503	2,755	2,989	3,220	3,472
<b>Total Projected Demand</b>	<b>31,160</b>	<b>39,934</b>	<b>49,768</b>	<b>62,433</b>	<b>84,594</b>	<b>102,615</b>
<b>Currently Available Water Supplies</b>						
Lake Lewisville	7,817	7,715	7,613	7,512	7,410	7,308
Lake Ray Roberts	18,902	18,733	18,564	18,395	18,226	18,057
Direct Reuse (SEP)	646	733	819	906	993	1,088
Direct Reuse (IRR)	406	406	406	406	406	406
Indirect Reuse	6,775	8,729	10,922	12,953	12,818	12,683
DWU	0	2,301	7,735	14,433	27,839	37,545
Subtotal	34,546	38,617	46,059	54,605	67,692	77,087
<b>Total Current Supplies (limited by treatment capacity + direct reuse amounts)</b>	<b>27,956</b>	<b>28,043</b>	<b>28,129</b>	<b>28,216</b>	<b>28,303</b>	<b>28,398</b>
<b>Need (Demand - Current Supply)</b>	<b>3,204</b>	<b>11,891</b>	<b>21,639</b>	<b>34,217</b>	<b>56,291</b>	<b>74,217</b>
<b>Water Management Strategies</b>						
Water Conservation (retail)	530	956	1,410	1,981	2,984	3,966
Water Conservation (customers)	0	9	46	64	71	80
Add'l Supply with Treatment as below:*	2,674	10,926	20,183	32,172	53,236	70,171
30 mgd Ray Roberts Plant Expansion	2,674	10,926	16,815	16,815	16,815	16,815
20 mgd Ray Roberts Plant Expansion			3,368	11,210	11,210	11,210
30 mgd Ray Roberts Plant Expansion				4,147	16,815	16,815
25 mgd Treatment Plant Expansion-1					8,396	14,013
25 mgd Treatment Plant Expansion-2						11,318
<b>Total Water Management Strategies</b>	<b>3,204</b>	<b>11,891</b>	<b>21,639</b>	<b>34,217</b>	<b>56,291</b>	<b>74,217</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

\* This Add'l Supply includes both additional water purchased from Dallas and a portion of Denton's own supplies that becomes available with additional treatment capacity.

**Table C-86**  
**Denton County Fresh Water Supply District Number 1A**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>14,000</b>	<b>25,021</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	3,659	6,494	7,777	7,774	7,771	7,769
<b>Total Projected Demand</b>	<b>3,659</b>	<b>6,494</b>	<b>7,777</b>	<b>7,774</b>	<b>7,771</b>	<b>7,769</b>
<b>Currently Available Water Supplies</b>						
Upper Trinity Regional Water District	2,452	3,383	3,174	2,524	2,249	1,973
Lewisville (DWU)	1,151	1,857	1,959	1,748	1,581	1,581
<b>Total Current Supplies</b>	<b>3,603</b>	<b>5,240</b>	<b>5,133</b>	<b>4,272</b>	<b>3,830</b>	<b>3,554</b>
<b>Need (Demand - Current Supply)</b>	<b>56</b>	<b>1,254</b>	<b>2,644</b>	<b>3,502</b>	<b>3,941</b>	<b>4,215</b>
<b>Water Management Strategies</b>						
Water Conservation	67	159	233	259	285	311
Additional Water from UTRWD	0	862	1,881	2,511	2,766	3,024
Additional Water from Lewisville (DWU)	34	234	531	732	889	880
<b>Total Water Management Strategies</b>	<b>101</b>	<b>1,254</b>	<b>2,644</b>	<b>3,502</b>	<b>3,941</b>	<b>4,215</b>
<b>Reserve (Shortage)</b>	<b>45</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-87**  
**Denton County Fresh Water Supply District Number 7**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>13,500</b>	<b>13,500</b>	<b>13,500</b>	<b>13,500</b>	<b>13,500</b>	<b>13,500</b>
<b>Projected Water Demand</b>						
Municipal Demand	3,418	3,405	3,403	3,401	3,399	3,397
<b>Total Projected Demand</b>	<b>3,418</b>	<b>3,405</b>	<b>3,403</b>	<b>3,401</b>	<b>3,399</b>	<b>3,397</b>
<b>Currently Available Water Supplies</b>						
UTRWD	3,418	2,647	2,073	1,648	1,468	1,288
<b>Total Current Supplies</b>	<b>3,418</b>	<b>2,647</b>	<b>2,073</b>	<b>1,648</b>	<b>1,468</b>	<b>1,288</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>758</b>	<b>1,330</b>	<b>1,753</b>	<b>1,931</b>	<b>2,109</b>
<b>Water Management Strategies</b>						
Water Conservation	66	98	110	121	132	143
Add'l UTRWD	0	660	1,220	1,632	1,799	1,966
<b>Total Water Management Strategies</b>	<b>66</b>	<b>758</b>	<b>1,330</b>	<b>1,753</b>	<b>1,931</b>	<b>2,109</b>
<b>Reserve (Shortage)</b>	<b>66</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-88**  
**Denton County Fresh Water Supply District Number 10**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>7,884</b>	<b>16,750</b>	<b>16,750</b>	<b>16,750</b>	<b>16,750</b>	<b>16,750</b>
<b>Projected Water Demand</b>						
Municipal Demand	1,486	3,128	3,127	3,126	3,124	3,124
<b>Total Projected Demand</b>	<b>1,486</b>	<b>3,128</b>	<b>3,127</b>	<b>3,126</b>	<b>3,124</b>	<b>3,124</b>
<b>Currently Available Water Supplies</b>						
Mustang Special Utility District (Groundwater)	49	49	49	49	49	49
Mustang Special Utility District (UTRWD Sources)	298	1,521	1,191	948	845	741
Upper Trinity Regional Water District	1,188	911	713	567	505	443
<b>Total Current Supplies</b>	<b>1,535</b>	<b>2,481</b>	<b>1,953</b>	<b>1,564</b>	<b>1,399</b>	<b>1,233</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>647</b>	<b>1,174</b>	<b>1,562</b>	<b>1,725</b>	<b>1,891</b>
<b>Water Management Strategies</b>						
Water Conservation	29	82	100	111	121	132
Add'l Mustang SUD	0	384	702	939	1,035	1,132
Add'l UTRWD	0	230	420	562	618	676
<b>Total Water Management Strategies</b>	<b>29</b>	<b>696</b>	<b>1,223</b>	<b>1,611</b>	<b>1,774</b>	<b>1,940</b>
<b>Reserve (Shortage)</b>	<b>78</b>	<b>49</b>	<b>49</b>	<b>49</b>	<b>49</b>	<b>49</b>

**Table C-89**  
**Denton County Irrigation**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>2,137</b>	<b>2,137</b>	<b>2,137</b>	<b>2,137</b>	<b>2,137</b>	<b>2,137</b>
<b>Currently Available Water Supplies</b>						
Direct Reuse (UTRWD)	897	897	897	897	897	897
Direct Reuse (Denton)	406	406	406	406	406	406
Direct Reuse (Trophy Club MUD #1)	800	800	800	800	800	800
Dallas Water Utilities	429	390	348	321	301	286
Trinity Aquifer	400	400	400	400	400	400
Woodbine Aquifer	1,000	1,000	1,000	1,000	1,000	1,000
<b>Total Current Supplies</b>	<b>3,932</b>	<b>3,893</b>	<b>3,851</b>	<b>3,824</b>	<b>3,804</b>	<b>3,789</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	2	37	72	90	107	124
Additional UTRWD Direct Reuse	0	560	1,121	2,240	2,240	2,240
<b>Total Water Management Strategies</b>	<b>2</b>	<b>597</b>	<b>1,193</b>	<b>2,330</b>	<b>2,347</b>	<b>2,364</b>
<b>Reserve (Shortage)</b>	<b>1,797</b>	<b>2,353</b>	<b>2,907</b>	<b>4,017</b>	<b>4,014</b>	<b>4,016</b>

**Table C-90  
Denton County Livestock**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>1,045</b>	<b>1,045</b>	<b>1,045</b>	<b>1,045</b>	<b>1,045</b>	<b>1,045</b>
<b>Currently Available Water Supplies</b>						
Local Supplies	622	622	622	622	622	622
Trinity Aquifer	240	240	240	240	240	240
Woodbine Aquifer	490	490	490	490	490	490
<b>Total Current Supplies</b>	<b>1,352</b>	<b>1,352</b>	<b>1,352</b>	<b>1,352</b>	<b>1,352</b>	<b>1,352</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
None						
<b>Total Water Management Strategies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Reserve (Shortage)</b>	<b>307</b>	<b>307</b>	<b>307</b>	<b>307</b>	<b>307</b>	<b>307</b>

**Table C-91  
Denton County Manufacturing**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>1,446</b>	<b>1,643</b>	<b>1,843</b>	<b>2,020</b>	<b>2,194</b>	<b>2,383</b>
<b>Currently Available Water Supplies</b>						
Upper Trinity Regional Water District	72	127	112	98	95	90
Denton (Lake Ray Roberts)	759	670	601	524	419	375
Denton (Lake Lewisville)	314	276	247	214	170	152
Dallas Water Utilities	96	100	100	101	103	106
Trinity Aquifer	11	11	11	11	11	11
North Texas Municipal Water District	66	63	65	67	69	69
Northlake (TRWD sources)	14	15	14	14	14	14
<b>Total Current Supplies</b>	<b>1,332</b>	<b>1,262</b>	<b>1,150</b>	<b>1,029</b>	<b>880</b>	<b>816</b>
<b>Need (Demand - Current Supply)</b>	<b>114</b>	<b>381</b>	<b>693</b>	<b>991</b>	<b>1,314</b>	<b>1,567</b>
<b>Water Management Strategies</b>						
Water Conservation	0	3	38	57	62	68
Additional Water from UTRWD	0	37	68	98	118	141
Additional Water from DWU	5	15	26	36	47	56
Additional Water from NTMWD	6	19	25	31	38	47
Additional Water from Denton	128	416	650	892	1,181	1,396
Additional Water from Northlake	0	1	4	5	7	9
New Wells in Woodbine Aquifer	184	184	184	184	184	184
<b>Total Water Management Strategies</b>	<b>322</b>	<b>675</b>	<b>995</b>	<b>1,303</b>	<b>1,638</b>	<b>1,901</b>
<b>Reserve (Shortage)</b>	<b>208</b>	<b>294</b>	<b>302</b>	<b>312</b>	<b>324</b>	<b>334</b>



**Table C-92  
Denton County Mining**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>4,326</b>	<b>2,729</b>	<b>3,345</b>	<b>4,306</b>	<b>5,204</b>	<b>6,291</b>
<b>Currently Available Water Supplies</b>						
Upper Trinity Regional Water District (through multiple suppliers)	2,363	596	842	1,135	1,400	1,640
Trinity Aquifer	1,963	1,963	1,963	1,963	1,963	1,963
<b>Total Current Supplies</b>	<b>4,326</b>	<b>2,559</b>	<b>2,805</b>	<b>3,098</b>	<b>3,363</b>	<b>3,603</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>170</b>	<b>540</b>	<b>1,208</b>	<b>1,841</b>	<b>2,688</b>
<b>Water Management Strategies</b>						
Additional Water from UTRWD	0	170	540	1,208	1,841	2,688
<b>Total Water Management Strategies</b>	<b>0</b>	<b>170</b>	<b>540</b>	<b>1,208</b>	<b>1,841</b>	<b>2,688</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-93  
Denton County Other**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>30,207</b>	<b>33,609</b>	<b>37,232</b>	<b>53,174</b>	<b>86,087</b>	<b>160,675</b>
<b>Projected Water Demand</b>						
Municipal Demand	3,785	4,155	4,574	6,487	10,458	19,480
<b>Total Projected Water Demand</b>	<b>3,785</b>	<b>4,155</b>	<b>4,574</b>	<b>6,487</b>	<b>10,458</b>	<b>19,480</b>
<b>Currently Available Water Supplies</b>						
Little Elm (NTMWD)	1,658	1,379	1,271	1,198	1,123	1,040
Upper Trinity Regional WD (Direct and thru Aubrey)	1,345	1,558	1,611	2,293	3,814	6,808
Upper Trinity Regional WD (thru Cross Timbers WSC)	36	55	67	71	78	80
Trinity Aquifer	1,640	1,640	1,640	1,640	1,640	1,640
Woodbine Aquifer	165	165	165	165	165	165
<b>Total Current Supplies</b>	<b>4,844</b>	<b>4,797</b>	<b>4,755</b>	<b>5,367</b>	<b>6,820</b>	<b>9,733</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,120</b>	<b>3,638</b>	<b>9,747</b>
<b>Water Management Strategies</b>						
Water Conservation	32	47	46	86	174	390
Additional Water from Little Elm	134	412	522	594	668	750
Add'l Water from UTRWD (Direct and thru Aubrey)	0	422	1,008	2,378	4,872	10,804
Add'l Water from UTRWD (thru Cross Timbers WSC)	0	221	460	677	816	925
New wells in Trinity Aquifer	334	334	334	334	334	334
New wells in Woodbine Aquifer	1,000	1,000	1,000	1,000	1,000	1,000
<b>Total Water Management Strategies</b>	<b>1,500</b>	<b>2,435</b>	<b>3,369</b>	<b>5,069</b>	<b>7,865</b>	<b>14,203</b>
<b>Reserve (Shortage)</b>	<b>2,559</b>	<b>3,077</b>	<b>3,550</b>	<b>3,949</b>	<b>4,227</b>	<b>4,455</b>

**Table C-94  
Denton County Steam Electric Power**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	646	733	819	906	993	1,088
<b>Currently Available Water Supplies</b>						
Direct Reuse (Denton)	646	733	819	906	993	1,088
<b>Total Current Supplies</b>	646	733	819	906	993	1,088
<b>Need (Demand - Current Supply)</b>	0	0	0	0	0	0
<b>Water Management Strategies</b>						
None						
<b>Total Water Management Strategies</b>	0	0	0	0	0	0
<b>Reserve (Shortage)</b>	0	0	0	0	0	0

**Table C-95  
De Soto**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	54,617	59,903	65,330	71,222	76,963	82,718
<b>Projected Water Demand</b>						
Municipal Demand	9,442	10,128	10,878	11,765	12,687	13,628
<b>Total Projected Demand</b>	9,442	10,128	10,878	11,765	12,687	13,628
<b>Currently Available Water Supplies</b>						
Dallas Water Utilities	9,003	8,783	8,424	8,400	8,473	8,668
<b>Total Current Supplies</b>	9,003	8,783	8,424	8,400	8,473	8,668
<b>Need (Demand - Current Supply)</b>	439	1,345	2,454	3,365	4,214	4,960
<b>Water Management Strategies</b>						
Water Conservation	227	433	506	587	676	772
Additional Water from DWU	212	912	1,948	2,778	3,538	4,188
<b>Total Water Management Strategies</b>	439	1,345	2,454	3,365	4,214	4,960
<b>Reserve (Shortage)</b>	0	0	0	0	0	0

**Table C-96  
Double Oak**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	558	547	539	534	533	533
<b>Total Projected Water Demand</b>	<b>558</b>	<b>547</b>	<b>539</b>	<b>534</b>	<b>533</b>	<b>533</b>
<b>Currently Available Water Supplies</b>						
Groundwater (thru Cross Timbers WSC)	325	325	325	325	325	325
UTRWD (thru Cross Timbers WSC)	233	196	168	149	146	128
<b>Total Current Supplies</b>	<b>558</b>	<b>521</b>	<b>493</b>	<b>474</b>	<b>471</b>	<b>453</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>26</b>	<b>46</b>	<b>60</b>	<b>62</b>	<b>80</b>
<b>Water Management Strategies</b>						
Water Conservation	10	15	16	18	20	21
Additional Water from Cross Timbers WSC	0	43	94	140	172	189
<b>Total Water Management Strategies</b>	<b>10</b>	<b>58</b>	<b>110</b>	<b>158</b>	<b>192</b>	<b>210</b>
<b>Reserve (Shortage)</b>	<b>10</b>	<b>32</b>	<b>64</b>	<b>98</b>	<b>130</b>	<b>130</b>

**Table C-97  
Duncanville**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>42,927</b>	<b>47,106</b>	<b>47,106</b>	<b>47,106</b>	<b>47,106</b>	<b>47,106</b>
<b>Projected Water Demand</b>						
Municipal Demand	6,065	6,437	6,295	6,218	6,204	6,203
<b>Total Projected Demand</b>	<b>6,065</b>	<b>6,437</b>	<b>6,295</b>	<b>6,218</b>	<b>6,204</b>	<b>6,203</b>
<b>Currently Available Water Supplies</b>						
Dallas Water Utilities	5,783	5,582	4,875	4,439	4,143	3,946
<b>Total Current Supplies</b>	<b>5,783</b>	<b>5,582</b>	<b>4,875</b>	<b>4,439</b>	<b>4,143</b>	<b>3,946</b>
<b>Need (Demand - Current Supply)</b>	<b>282</b>	<b>855</b>	<b>1,420</b>	<b>1,779</b>	<b>2,061</b>	<b>2,257</b>
<b>Water Management Strategies</b>						
Water Conservation	51	73	63	83	103	124
Additional Water from DWU	231	782	1,357	1,696	1,958	2,133
<b>Total Water Management Strategies</b>	<b>282</b>	<b>855</b>	<b>1,420</b>	<b>1,779</b>	<b>2,061</b>	<b>2,257</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-98  
East Cedar Creek Fresh Water Supply District**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population (Outside Gun Barrel City)</b>	<b>11,036</b>	<b>12,000</b>	<b>14,568</b>	<b>15,773</b>	<b>16,973</b>	<b>18,161</b>
<b>Projected Water Demand</b>						
Outside Gun Barrel City	742	807	980	1,061	1,141	1,221
In Gun Barrel City	944	996	1,053	1,222	1,852	2,957
In Payne Springs	72	78	83	91	100	123
<b>Total Projected Demand</b>	<b>1,758</b>	<b>1,881</b>	<b>2,116</b>	<b>2,374</b>	<b>3,093</b>	<b>4,301</b>
<b>Currently Available Water Supplies</b>						
TRWD (Cedar Creek)	1,758	1,712	1,702	1,687	1,961	2,434
<b>Total Current Supplies</b>	<b>1,758</b>	<b>1,712</b>	<b>1,702</b>	<b>1,687</b>	<b>1,961</b>	<b>2,434</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>169</b>	<b>414</b>	<b>687</b>	<b>1,132</b>	<b>1,867</b>
<b>Water Management Strategies</b>						
Water Conservation	6	9	10	14	19	24
Water Conservation (Customers)	9	13	13	18	34	64
Additional TRWD, with treatment expansions as follows:	0	147	391	655	1,079	1,779
<i>Existing WTP (limit of 5.8 MGD / 3,251 af/y)</i>		147	391	655	1,079	817
<i>2 mgd Treatment Plant Expansion</i>						962
<b>Total Water Management Strategies</b>	<b>15</b>	<b>169</b>	<b>414</b>	<b>687</b>	<b>1,132</b>	<b>1,867</b>
<b>Reserve (Shortage)</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-99  
East Fork Special Utility District**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
Projected Population	4,684	6,151	7,785	9,533	11,423	13,447
Collin County Other Population	5,595	7,240	8,632	13,350	18,498	25,714
Rockwall County Other Population	1,523	2,035	2,583	3,469	4,519	5,851
<b>Total Population</b>	<b>11,802</b>	<b>15,426</b>	<b>19,000</b>	<b>26,352</b>	<b>34,440</b>	<b>45,012</b>
<b>Projected Water Demand</b>						
Municipal Demand for population above	572	721	891	1,081	1,293	1,520
Collin County Other Demand	382	516	625	1,016	1,441	2,048
Rockwall County Other Demand	104	145	187	264	352	466
<b>Total Projected Demand</b>	<b>1,058</b>	<b>1,382</b>	<b>1,703</b>	<b>2,361</b>	<b>3,086</b>	<b>4,034</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District	527	552	629	720	807	878
NTWMD for Collin Co Other	352	395	441	676	899	1,183
NTWMD for Rockwall Co Other	96	111	132	176	220	269
<b>Total Current Supplies</b>	<b>975</b>	<b>1,058</b>	<b>1,202</b>	<b>1,572</b>	<b>1,926</b>	<b>2,330</b>
<b>Need (Demand - Current Supply)</b>	<b>83</b>	<b>324</b>	<b>501</b>	<b>789</b>	<b>1,160</b>	<b>1,704</b>
<b>Water Management Strategies</b>						
Water Conservation	5	8	9	14	22	30
Water Conservation-Collin Co Other	3	6	6	14	24	41
Water Conservation-Rockwall Co Other	1	2	2	3	6	9
Additional Water from NTMWD	40	161	253	347	464	612
Add'l NTMWD for Collin Co Other	27	115	178	326	518	824
Add'l NTMWD for Rockwall Co Other	7	32	53	85	126	188
<i>Increase delivery infrastructure from NTWMD</i>	74	308	483	758	1,108	1,624
<b>Total Water Management Strategies</b>	<b>83</b>	<b>324</b>	<b>501</b>	<b>789</b>	<b>1,160</b>	<b>1,704</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-100**  
**Ector**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>773</b>	<b>850</b>	<b>909</b>	<b>962</b>	<b>1,044</b>	<b>1,133</b>
<b>Projected Water Demand</b>						
Municipal Demand	87	92	96	101	109	118
<b>Total Projected Demand</b>	<b>87</b>	<b>92</b>	<b>96</b>	<b>101</b>	<b>109</b>	<b>118</b>
<b>Currently Available Water Supplies</b>						
Woodbine Aquifer	87	87	87	87	87	87
<b>Total Current Supplies</b>	<b>87</b>	<b>87</b>	<b>87</b>	<b>87</b>	<b>87</b>	<b>87</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>5</b>	<b>9</b>	<b>14</b>	<b>22</b>	<b>31</b>
<b>Water Management Strategies</b>						
Water Conservation	1	1	1	1	2	2
NTMWD-Fannin Co Water Supply Project	0	46	50	55	62	71
<b>Total Water Management Strategies</b>	<b>1</b>	<b>47</b>	<b>51</b>	<b>56</b>	<b>64</b>	<b>73</b>
<b>Reserve (Shortage)</b>	<b>1</b>	<b>42</b>	<b>42</b>	<b>42</b>	<b>42</b>	<b>42</b>

**Table C-101**  
**Edgecliff**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>2,924</b>	<b>2,924</b>	<b>2,924</b>	<b>2,924</b>	<b>2,924</b>	<b>2,924</b>
<b>Projected Water Demand</b>						
Municipal Demand	503	491	480	475	474	474
<b>Total Projected Demand</b>	<b>503</b>	<b>491</b>	<b>480</b>	<b>475</b>	<b>474</b>	<b>474</b>
<b>Currently Available Water Supplies</b>						
Fort Worth (TRWD)	479	396	328	292	267	245
<b>Total Current Supplies</b>	<b>479</b>	<b>396</b>	<b>328</b>	<b>292</b>	<b>267</b>	<b>245</b>
<b>Need (Demand - Current Supply)</b>	<b>24</b>	<b>95</b>	<b>152</b>	<b>183</b>	<b>207</b>	<b>229</b>
<b>Water Management Strategies</b>						
Water Conservation	9	13	14	16	17	19
Additional Water from Fort Worth	15	82	138	167	190	210
<b>Total Water Management Strategies</b>	<b>24</b>	<b>95</b>	<b>152</b>	<b>183</b>	<b>207</b>	<b>229</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-102  
Ellis County Irrigation**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>572</b>	<b>572</b>	<b>572</b>	<b>572</b>	<b>572</b>	<b>572</b>
<b>Currently Available Water Supplies</b>						
Local Supplies	3	3	3	3	3	3
Trinity Aquifer	129	129	129	129	129	129
Woodbine Aquifer	440	440	440	440	440	440
<b>Total Current Supplies</b>	<b>572</b>	<b>572</b>	<b>572</b>	<b>572</b>	<b>572</b>	<b>572</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
None						
<b>Total Water Management Strategies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-103  
Ellis County Livestock**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>905</b>	<b>905</b>	<b>905</b>	<b>905</b>	<b>905</b>	<b>905</b>
<b>Currently Available Water Supplies</b>						
Local Supplies	1,112	1,112	1,112	1,112	1,112	1,112
Woodbine Aquifer	97	97	97	97	97	97
<b>Total Current Supplies</b>	<b>1,209</b>	<b>1,209</b>	<b>1,209</b>	<b>1,209</b>	<b>1,209</b>	<b>1,209</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
None						
<b>Total Water Management Strategies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Reserve (Shortage)</b>	<b>304</b>	<b>304</b>	<b>304</b>	<b>304</b>	<b>304</b>	<b>304</b>

**Table C-104  
Ellis County Manufacturing**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>5,247</b>	<b>5,403</b>	<b>5,560</b>	<b>5,716</b>	<b>5,716</b>	<b>5,716</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	900	900	900	900	900	900
Woodbine Aquifer	1,719	1,719	1,719	1,719	1,719	1,719
Midlothian (TRWD Sources)	164	143	119	103	89	79
Midlothian (Midlothian Sources)	83	67	52	43	35	29
Ennis (TRWD sources)	35	79	89	124	88	54
Ennis (Lake Bardwell)	475	418	366	263	160	95
Waxahachie (TRWD Sources)	565	472	356	649	619	498
Waxahachie (Lake Waxahachie)	602	524	413	323	257	200
Waxahachie (Lake Bardwell)	929	814	637	493	388	313
Waxahachie (Reuse)	749	755	736	666	553	450
<b>Total Current Supplies</b>	<b>6,222</b>	<b>5,891</b>	<b>5,388</b>	<b>5,282</b>	<b>4,808</b>	<b>4,338</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>172</b>	<b>434</b>	<b>908</b>	<b>1,378</b>
<b>Water Management Strategies</b>						
Water Conservation	0	6	63	88	90	90
Additional Water from Midlothian	15	60	107	140	162	178
Additional Water from Ennis	15	43	101	185	323	423
Additional Water from Waxahachie	0	0	99	111	425	781
<b>Total Water Management Strategies</b>	<b>30</b>	<b>103</b>	<b>307</b>	<b>437</b>	<b>911</b>	<b>1,381</b>
<b>Reserve (Shortage)</b>	<b>1,005</b>	<b>592</b>	<b>135</b>	<b>3</b>	<b>3</b>	<b>3</b>

**Table C-105  
Ellis County Mining**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>147</b>	<b>213</b>	<b>164</b>	<b>123</b>	<b>82</b>	<b>55</b>
<b>Currently Available Water Supplies</b>						
Woodbine Aquifer	213	213	213	213	213	213
<b>Total Current Supplies</b>	<b>213</b>	<b>213</b>	<b>213</b>	<b>213</b>	<b>213</b>	<b>213</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
None						
<b>Total Water Management Strategies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Reserve (Shortage)</b>	<b>66</b>	<b>0</b>	<b>49</b>	<b>90</b>	<b>131</b>	<b>158</b>



**Table C-106  
Ellis County Other**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>6,100</b>	<b>6,500</b>	<b>7,177</b>	<b>27,642</b>	<b>60,016</b>	<b>105,596</b>
<b>Projected Water Demand</b>						
Municipal Demand	745	762	815	3,058	6,623	11,645
<b>Total Projected Water Demand</b>	<b>745</b>	<b>762</b>	<b>815</b>	<b>3,058</b>	<b>6,623</b>	<b>11,645</b>
<b>Currently Available Water Supplies</b>						
Rockett Special Utility District (Midlothian)	481	333	224	162	142	186
Rockett Special Utility District (TRWD)	1,273	1,075	908	797	822	1,230
Waxahachie (Lake Waxahachie)	200	178	150	149	144	165
Waxahachie (Lake Bardwell)	309	277	231	228	218	259
Waxahachie (Reuse)	249	257	268	308	310	372
Waxahachie (TRWD)	188	160	129	300	347	411
Ennis (Lake Bardwell)	168	148	134	351	464	486
Ennis (TRWD)	12	28	33	166	256	275
Trinity Aquifer	200	200	200	200	200	200
Woodbine Aquifer	345	345	345	345	345	345
<b>Total Current Supplies</b>	<b>3,425</b>	<b>3,001</b>	<b>2,623</b>	<b>3,006</b>	<b>3,247</b>	<b>3,927</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>52</b>	<b>3,376</b>	<b>7,718</b>
<b>Water Management Strategies</b>						
Water Conservation	6	9	8	41	110	233
Additional Water from Rockett SUD	760	1,104	1,381	1,536	2,144	4,790
Additional Water from Waxhachie	0	0	34	41	215	605
Additional Water from Ennis	6	15	37	241	906	2,089
<b>Total Water Management Strategies</b>	<b>772</b>	<b>1,128</b>	<b>1,460</b>	<b>1,859</b>	<b>3,376</b>	<b>7,718</b>
<b>Reserve (Shortage)</b>	<b>3,452</b>	<b>3,367</b>	<b>3,268</b>	<b>1,807</b>	<b>0</b>	<b>0</b>

**Table C-107  
Ellis County Steam Electric Power**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>698</b>	<b>1,450</b>	<b>3,741</b>	<b>5,754</b>	<b>7,878</b>	<b>10,786</b>
<b>Currently Available Water Supplies</b>						
Ennis Direct Reuse	909	909	909	909	909	909
Ennis Treated Water	477	453	403	333	214	129
Midlothian	211	174	138	114	96	85
<b>Total Current Supplies</b>	<b>1,597</b>	<b>1,535</b>	<b>1,450</b>	<b>1,356</b>	<b>1,219</b>	<b>1,122</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>2,291</b>	<b>4,398</b>	<b>6,659</b>	<b>9,664</b>
<b>Water Management Strategies</b>						
Additional water from Midlothian	13	50	86	110	128	139
Additional Treated from Ennis	15	39	89	159	278	363
Waxahachie	0	0	2,116	4,129	4,484	4,484
Trinity River Authority Ellis Co. Reuse	0	0	0	0	2,200	4,700
<b>Total Water Management Strategies</b>	<b>28</b>	<b>90</b>	<b>2,291</b>	<b>4,398</b>	<b>7,090</b>	<b>9,687</b>
<b>Reserve (Shortage)</b>	<b>927</b>	<b>175</b>	<b>0</b>	<b>0</b>	<b>431</b>	<b>23</b>

**Table C-108  
Ennis**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population (Inside City)</b>	<b>22,000</b>	<b>26,000</b>	<b>30,000</b>	<b>41,059</b>	<b>66,101</b>	<b>110,000</b>
<b>Projected Water Demand</b>						
Inside City	4,148	4,789	5,447	7,397	11,879	19,748
Manufacturing, Steam Electric and Customers	2,508	2,620	2,757	3,462	4,506	6,904
<b>Total Projected Demand</b>	<b>6,656</b>	<b>7,409</b>	<b>8,204</b>	<b>10,859</b>	<b>16,385</b>	<b>26,652</b>
<b>Currently Available Water Supplies</b>						
Trinity River Authority (Lake Bardwell) <sup>(a)</sup>	5,200	5,035	4,801	4,567	4,333	4,296
Direct Reuse (Steam Electric)	909	909	909	909	909	909
<i>Contracted Amount from TRWD</i>	<i>3,991</i>	<i>3,991</i>	<i>3,991</i>	<i>3,991</i>	<i>3,991</i>	<i>3,991</i>
Available TRWD (through TRA)	379	946	1,173	2,309	3,934	3,991
Treated Water from Rockett for Retail Conn.	12	9	8	6	5	3
<b>Total Current Supplies</b>	<b>6,500</b>	<b>6,899</b>	<b>6,891</b>	<b>7,641</b>	<b>7,640</b>	<b>7,638</b>
<b>Need (Demand - Current Supply)</b>	<b>156</b>	<b>510</b>	<b>1,313</b>	<b>3,218</b>	<b>8,745</b>	<b>19,014</b>
<b>Water Management Strategies</b>						
Water Conservation	160	412	494	701	1,175	2,029
Water Conservation (customers)	8	14	24	41	67	146
Additional Rockett for Retail connections	5	8	9	11	12	14
Currently available TRWD supply previously unused due to WTP Capacity limit	0	0	0	144	1,536	1,558
Indirect Reuse			518	1,392	3,696	3,696
Additional TRWD		93	285	940	2,271	11,585
Plant Expansions to utilize supply:						
<i>6 MGD WTP expansion</i>			56	2,479	3,363	3,363
<i>8 MGD WTP expansion</i>					4,142	4,484
<i>16 MGD WTP expansion</i>						8,992
<b>Total Water Management Strategies</b>	<b>173</b>	<b>527</b>	<b>1,330</b>	<b>3,229</b>	<b>8,757</b>	<b>19,028</b>
<b>Reserve (Shortage)</b>	<b>17</b>	<b>17</b>	<b>17</b>	<b>11</b>	<b>12</b>	<b>14</b>

(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-109**  
**Eules**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>54,214</b>	<b>57,150</b>	<b>57,150</b>	<b>57,150</b>	<b>57,150</b>	<b>57,150</b>
<b>Projected Water Demand</b>						
Municipal Demand	8,978	9,212	9,031	8,932	8,913	8,913
<b>Total Projected Demand</b>	<b>8,978</b>	<b>9,212</b>	<b>9,031</b>	<b>8,932</b>	<b>8,913</b>	<b>8,913</b>
<b>Currently Available Water Supplies</b>						
Fort Worth Direct Reuse	368	368	368	368	368	368
Trinity Aquifer	1,211	1,211	1,211	1,211	1,211	1,211
Trinity River Authority (TRWD)	7,399	6,947	5,995	5,226	4,650	4,150
<b>Total Current Supplies</b>	<b>8,978</b>	<b>8,526</b>	<b>7,574</b>	<b>6,805</b>	<b>6,229</b>	<b>5,729</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>686</b>	<b>1,457</b>	<b>2,127</b>	<b>2,684</b>	<b>3,184</b>
<b>Water Management Strategies</b>						
Water Conservation	178	274	300	119	149	178
Additional Water from TRA (TRWD)	0	412	1,157	2,008	2,535	3,006
<b>Total Water Management Strategies</b>	<b>178</b>	<b>686</b>	<b>1,457</b>	<b>2,127</b>	<b>2,684</b>	<b>3,184</b>
<b>Reserve (Shortage)</b>	<b>178</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-110**  
**Eustace**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>1,100</b>	<b>1,200</b>	<b>1,300</b>	<b>1,919</b>	<b>2,500</b>	<b>3,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	119	125	132	191	248	297
<b>Total Projected Demand</b>	<b>119</b>	<b>125</b>	<b>132</b>	<b>191</b>	<b>248</b>	<b>297</b>
<b>Currently Available Water Supplies</b>						
Carrizo-Wilcox Aquifer	194	194	194	194	194	194
<b>Total Current Supplies</b>	<b>194</b>	<b>194</b>	<b>194</b>	<b>194</b>	<b>194</b>	<b>194</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>54</b>	<b>103</b>
<b>Water Management Strategies</b>						
Water Conservation	1	1	1	3	4	6
New well in Carrizo-Wilcox	103	103	103	103	103	103
<b>Total Water Management Strategies</b>	<b>104</b>	<b>104</b>	<b>104</b>	<b>106</b>	<b>107</b>	<b>109</b>
<b>Reserve (Shortage)</b>	<b>179</b>	<b>173</b>	<b>166</b>	<b>109</b>	<b>53</b>	<b>6</b>

**Table C-111  
Everman**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	6,286	6,477	6,600	6,600	6,600	6,600
<b>Projected Water Demand</b>						
Municipal Demand	541	528	514	501	499	499
<b>Total Projected Demand</b>	<b>541</b>	<b>528</b>	<b>514</b>	<b>501</b>	<b>499</b>	<b>499</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	604	604	604	604	604	604
<b>Total Current Supplies</b>	<b>604</b>	<b>604</b>	<b>604</b>	<b>604</b>	<b>604</b>	<b>604</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	5	6	5	7	8	10
<b>Total Water Management Strategies</b>	<b>5</b>	<b>6</b>	<b>5</b>	<b>7</b>	<b>8</b>	<b>10</b>
<b>Reserve (Shortage)</b>	<b>68</b>	<b>82</b>	<b>95</b>	<b>110</b>	<b>113</b>	<b>115</b>

**Table C-112  
Fairfield**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	3,232	3,486	3,662	7,000	8,000	10,000
<b>Projected Water Demand</b>						
Municipal Demand	673	708	730	1,385	1,580	1,974
Manufacturing customers	60	71	81	90	96	102
<b>Total Projected Demand</b>	<b>733</b>	<b>779</b>	<b>811</b>	<b>1,475</b>	<b>1,676</b>	<b>2,076</b>
<b>Currently Available Water Supplies</b>						
Carrizo-Wilcox Aquifer	1,192	1,181	1,171	1,162	1,104	998
Carrizo-Wilcox Aquifer for Manf	60	71	81	90	96	102
<b>Total Current Supplies</b>	<b>1,252</b>	<b>1,252</b>	<b>1,252</b>	<b>1,252</b>	<b>1,200</b>	<b>1,100</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>223</b>	<b>476</b>	<b>976</b>
<b>Water Management Strategies</b>						
Water Conservation	6	8	7	32	50	79
Purchase water from TRWD with New WTP	0	0	0	191	426	897
<b>Total Water Management Strategies</b>	<b>6</b>	<b>8</b>	<b>7</b>	<b>223</b>	<b>476</b>	<b>976</b>
<b>Reserve (Shortage)</b>	<b>525</b>	<b>481</b>	<b>448</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-113  
Fairview**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>13,000</b>	<b>15,000</b>	<b>20,025</b>	<b>20,025</b>	<b>20,025</b>	<b>20,025</b>
<b>Projected Water Demand</b>						
Municipal Demand	4,644	5,329	7,094	7,087	7,084	7,083
<b>Total Projected Demand</b>	<b>4,644</b>	<b>5,329</b>	<b>7,094</b>	<b>7,087</b>	<b>7,084</b>	<b>7,083</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District	4,279	4,083	5,010	4,718	4,420	4,091
<b>Total Current Supplies</b>	<b>4,279</b>	<b>4,083</b>	<b>5,010</b>	<b>4,718</b>	<b>4,420</b>	<b>4,091</b>
<b>Need (Demand - Current Supply)</b>	<b>365</b>	<b>1,246</b>	<b>2,084</b>	<b>2,369</b>	<b>2,664</b>	<b>2,992</b>
<b>Water Management Strategies</b>						
Water Conservation	91	145	219	243	266	290
Additional Water from NTMWD	274	1,101	1,865	2,126	2,398	2,702
<b>Total Water Management Strategies</b>	<b>365</b>	<b>1,246</b>	<b>2,084</b>	<b>2,369</b>	<b>2,664</b>	<b>2,992</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-114  
Fannin County Irrigation**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>8,301</b>	<b>8,301</b>	<b>8,301</b>	<b>8,301</b>	<b>8,301</b>	<b>8,301</b>
<b>Currently Available Water Supplies</b>						
Red River (Run-of-River)	4,613	4,613	4,613	4,613	4,613	4,613
Other Aquifer	2,909	2,909	2,909	2,909	2,909	2,909
Woodbine Aquifer	780	780	780	780	780	780
<b>Total Current Supplies</b>	<b>8,302</b>	<b>8,302</b>	<b>8,302</b>	<b>8,302</b>	<b>8,302</b>	<b>8,302</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
None	0	0	0	0	0	0
<b>Total Water Management Strategies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Reserve (Shortage)</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>

**Table C-115  
Fannin County Livestock**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>1,668</b>	<b>1,668</b>	<b>1,668</b>	<b>1,668</b>	<b>1,668</b>	<b>1,668</b>
<b>Currently Available Water Supplies</b>						
Local Supplies	1,306	1,306	1,306	1,306	1,306	1,306
Other Aquifer	10	10	10	10	10	10
Trinity Aquifer	320	320	320	320	320	320
Woodbine Aquifer	32	32	32	32	32	32
<b>Total Current Supplies</b>	<b>1,668</b>	<b>1,668</b>	<b>1,668</b>	<b>1,668</b>	<b>1,668</b>	<b>1,668</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
None						
<b>Total Water Management Strategies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-116  
Fannin County Manufacturing**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>88</b>	<b>97</b>	<b>106</b>	<b>114</b>	<b>124</b>	<b>135</b>
<b>Currently Available Water Supplies</b>						
NTMWD (Lake Bonham thru Bonham)	88	96	82	66	60	55
<b>Total Current Supplies</b>	<b>88</b>	<b>96</b>	<b>82</b>	<b>66</b>	<b>60</b>	<b>55</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>1</b>	<b>24</b>	<b>48</b>	<b>64</b>	<b>80</b>
<b>Water Management Strategies</b>						
Fannin County Water Supply Project	0	1	24	48	64	80
<b>Total Water Management Strategies</b>	<b>0</b>	<b>1</b>	<b>24</b>	<b>48</b>	<b>64</b>	<b>80</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-117  
Fannin County Mining**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>128</b>	<b>128</b>	<b>128</b>	<b>128</b>	<b>128</b>	<b>128</b>
<b>Currently Available Water Supplies</b>						
Run-Of-River	72	72	72	72	72	72
<b>Total Current Supplies</b>	<b>72</b>	<b>72</b>	<b>72</b>	<b>72</b>	<b>72</b>	<b>72</b>
<b>Need (Demand - Current Supply)</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>
<b>Water Management Strategies</b>						
NTMWD Fannin County Water Supply Project	56	56	56	56	56	56
<b>Total Water Management Strategies</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-118  
Fannin County Other**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>13,168</b>	<b>13,168</b>	<b>13,168</b>	<b>18,250</b>	<b>40,000</b>	<b>65,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	1,466	1,411	1,364	1,846	4,010	6,503
<b>Total Projected Water Demand</b>	<b>1,466</b>	<b>1,411</b>	<b>1,364</b>	<b>1,846</b>	<b>4,010</b>	<b>6,503</b>
<b>Currently Available Water Supplies</b>						
NTMWD (Lake Bonham thru Bonham)	399	607	477	464	388	327
Run-of-river - Red River	20	20	20	20	20	20
Run-of-river - Sulphur River	49	49	49	49	49	49
Trinity Aquifer	260	260	260	260	260	260
Woodbine Aquifer	738	738	738	738	738	738
<b>Total Current Supplies</b>	<b>1,466</b>	<b>1,674</b>	<b>1,544</b>	<b>1,531</b>	<b>1,455</b>	<b>1,394</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>315</b>	<b>2,555</b>	<b>5,109</b>
<b>Water Management Strategies</b>						
Water Conservation	12	17	14	25	67	130
Add'l NTWMD (via Fannin Co WSP)	0	0	123	607	2,805	5,296
<b>Total Water Management Strategies</b>	<b>12</b>	<b>17</b>	<b>137</b>	<b>632</b>	<b>2,872</b>	<b>5,426</b>
<b>Reserve (Shortage)</b>	<b>12</b>	<b>280</b>	<b>317</b>	<b>317</b>	<b>317</b>	<b>317</b>



**Table C-119**  
**Fannin County Steam Electric Power**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>6,363</b>	<b>11,474</b>	<b>11,910</b>	<b>12,443</b>	<b>13,092</b>	<b>13,775</b>
<b>Currently Available Water Supplies</b>						
Lake Texoma (Lumiant/Valley Lake)	6,363	6,363	6,363	6,363	6,363	6,363
Woodbine Aquifer	200	200	200	200	200	200
<b>Total Current Supplies</b>	<b>6,563</b>	<b>6,563</b>	<b>6,563</b>	<b>6,563</b>	<b>6,563</b>	<b>6,563</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>4,911</b>	<b>5,347</b>	<b>5,880</b>	<b>6,529</b>	<b>7,212</b>
<b>Water Management Strategies</b>						
Lake Texoma (GTUA)	0	9,000	9,000	9,000	9,000	9,000
<b>Total Water Management Strategies</b>	<b>0</b>	<b>9,000</b>	<b>9,000</b>	<b>9,000</b>	<b>9,000</b>	<b>9,000</b>
<b>Reserve (Shortage)</b>	<b>200</b>	<b>4,089</b>	<b>3,653</b>	<b>3,120</b>	<b>2,471</b>	<b>1,788</b>

**Table C-120**  
**Farmers Branch**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>30,613</b>	<b>32,509</b>	<b>34,455</b>	<b>36,567</b>	<b>38,625</b>	<b>40,689</b>
<b>Projected Water Demand</b>						
Municipal Demand	9,041	9,458	9,911	10,457	11,031	11,618
<b>Total Projected Demand</b>	<b>9,041</b>	<b>9,458</b>	<b>9,911</b>	<b>10,457</b>	<b>11,031</b>	<b>11,618</b>
<b>Currently Available Water Supplies</b>						
Dallas Water Utilities	8,621	8,202	7,675	7,466	7,367	7,390
<b>Total Current Supplies</b>	<b>8,621</b>	<b>8,202</b>	<b>7,675</b>	<b>7,466</b>	<b>7,367</b>	<b>7,390</b>
<b>Need (Demand - Current Supply)</b>	<b>420</b>	<b>1,256</b>	<b>2,236</b>	<b>2,991</b>	<b>3,664</b>	<b>4,228</b>
<b>Water Management Strategies</b>						
Water Conservation	215	398	456	519	588	661
Additional Water from DWU	205	858	1,780	2,472	3,076	3,567
<b>Total Water Management Strategies</b>	<b>420</b>	<b>1,256</b>	<b>2,236</b>	<b>2,991</b>	<b>3,664</b>	<b>4,228</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-121  
Farmersville**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>8,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	958	2,310	2,299	2,293	2,291	2,291
<b>Total Projected Demand</b>	<b>958</b>	<b>2,310</b>	<b>2,299</b>	<b>2,293</b>	<b>2,291</b>	<b>2,291</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District	883	1,770	1,624	1,526	1,429	1,323
<b>Total Current Supplies</b>	<b>883</b>	<b>1,770</b>	<b>1,624</b>	<b>1,526</b>	<b>1,429</b>	<b>1,323</b>
<b>Need (Demand - Current Supply)</b>	<b>75</b>	<b>540</b>	<b>675</b>	<b>767</b>	<b>862</b>	<b>968</b>
<b>Water Management Strategies</b>						
Water Conservation	8	20	23	31	38	46
Additional Water from NTMWD	67	520	652	736	824	922
<b>Total Water Management Strategies</b>	<b>75</b>	<b>540</b>	<b>675</b>	<b>767</b>	<b>862</b>	<b>968</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-122  
Fate**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>9,825</b>	<b>14,083</b>	<b>18,924</b>	<b>23,821</b>	<b>29,290</b>	<b>45,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	1,731	2,457	3,291	4,135	5,079	7,797
<b>Total Projected Demand</b>	<b>1,731</b>	<b>2,457</b>	<b>3,291</b>	<b>4,135</b>	<b>5,079</b>	<b>7,797</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District	1,595	1,883	2,324	2,753	3,169	4,503
<b>Total Current Supplies</b>	<b>1,595</b>	<b>1,883</b>	<b>2,324</b>	<b>2,753</b>	<b>3,169</b>	<b>4,503</b>
<b>Need (Demand - Current Supply)</b>	<b>136</b>	<b>574</b>	<b>967</b>	<b>1,382</b>	<b>1,910</b>	<b>3,294</b>
<b>Water Management Strategies</b>						
Water Conservation	32	62	99	138	186	312
Additional Water from NTMWD	104	512	868	1,244	1,724	2,982
<i>Increase delivery infrastructure from NTMWD</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>390</i>	<i>2,982</i>
<b>Total Water Management Strategies</b>	<b>136</b>	<b>574</b>	<b>967</b>	<b>1,382</b>	<b>1,910</b>	<b>3,294</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Table C-123

## Ferris

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	2,946	3,550	4,174	4,844	8,022	15,026
<b>Projected Water Demand</b>						
Municipal Demand	461	539	622	715	1,180	2,205
<b>Total Projected Demand</b>	<b>461</b>	<b>539</b>	<b>622</b>	<b>715</b>	<b>1,180</b>	<b>2,205</b>
<b>Currently Available Water Supplies</b>						
Woodbine Aquifer	353	353	353	353	353	353
Rockett Special Utility District (TRWD and Midlothian)	76	104	121	138	252	413
<b>Total Current Supplies</b>	<b>429</b>	<b>457</b>	<b>474</b>	<b>491</b>	<b>605</b>	<b>766</b>
<b>Need (Demand - Current Supply)</b>	<b>32</b>	<b>82</b>	<b>148</b>	<b>224</b>	<b>575</b>	<b>1,439</b>
<b>Water Management Strategies</b>						
Water Conservation	4	6	6	10	20	44
Additional Water from Rockett SUD	28	76	142	214	555	1,395
<i>Increase delivery infrastructure from Rockett SUD in future</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>394</i>	<i>1,395</i>
<b>Total Water Management Strategies</b>	<b>32</b>	<b>82</b>	<b>148</b>	<b>224</b>	<b>575</b>	<b>1,439</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Table C-124

## Files Valley Water Supply Corporation (Region C Only)

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Region C Population</b>	775	991	1,243	1,538	1,887	2,291
<b>Projected Water Demand</b>						
Municipal Demand in Region C	119	148	182	223	272	330
Milford	66	67	69	74	80	89
<b>Total Projected Region C Demand</b>	<b>185</b>	<b>215</b>	<b>251</b>	<b>297</b>	<b>352</b>	<b>419</b>
<b>Currently Available Water Supplies</b>						
Aquilla Water Supply District (BRA - Region G)	119	148	182	223	272	330
Aquilla Water Supply District (BRA - Region G) for Milford	84	84	84	84	84	84
<b>Total Current Supplies</b>	<b>203</b>	<b>232</b>	<b>266</b>	<b>307</b>	<b>356</b>	<b>414</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>
<b>Water Management Strategies</b>						
Water Conservation	1	2	2	3	5	7
Ellis County Water Supply Project (Waxahachie from TRA from TRWD)	0	55	59	63	68	72
<b>Total Water Management Strategies</b>	<b>1</b>	<b>57</b>	<b>61</b>	<b>66</b>	<b>73</b>	<b>79</b>
<b>Region C Reserve (Shortage)</b>	<b>19</b>	<b>74</b>	<b>76</b>	<b>76</b>	<b>77</b>	<b>74</b>

**Table C-125  
Flo Community Water Supply Corporation (Region C Only)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Region C Population</b>	521	562	590	611	627	638
<b>Projected Water Demand</b>						
Municipal Demand in Region C	40	41	41	42	43	43
<b>Total Projected Region C Demand</b>	<b>40</b>	<b>41</b>	<b>41</b>	<b>42</b>	<b>43</b>	<b>43</b>
<b>Currently Available Water Supplies</b>						
Carrizo-Wilcox Aquifer	40	41	41	42	43	43
<b>Total Current Supplies</b>	<b>40</b>	<b>41</b>	<b>41</b>	<b>42</b>	<b>43</b>	<b>43</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	0	0	0	1	1	1
<b>Total Water Management Strategies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>

**Table C-126  
Flower Mound**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	75,555	93,000	93,000	93,000	93,000	93,000
<b>Projected Water Demand</b>						
Municipal Demand	19,049	23,148	23,022	22,948	22,924	22,922
<b>Total Projected Demand</b>	<b>19,049</b>	<b>23,148</b>	<b>23,022</b>	<b>22,948</b>	<b>22,924</b>	<b>22,922</b>
<b>Currently Available Water Supplies</b>						
Upper Trinity Regional Water District	10,477	11,158	8,694	6,894	6,140	5,387
Dallas Water Utilities	6,166	6,166	6,166	6,166	5,817	5,540
<b>Total Current Supplies</b>	<b>16,643</b>	<b>17,323</b>	<b>14,859</b>	<b>13,059</b>	<b>11,957</b>	<b>10,927</b>
<b>Need (Demand - Current Supply)</b>	<b>2,407</b>	<b>5,825</b>	<b>8,163</b>	<b>9,889</b>	<b>10,967</b>	<b>11,995</b>
<b>Water Management Strategies</b>						
Water Conservation	349	597	691	765	841	917
Additional Water from UTRWD	0	2,824	5,152	6,860	7,551	8,257
Additional Water from DWU and additional pipeline	2,249	2,404	2,320	2,264	2,574	2,822
<b>Total Water Management Strategies</b>	<b>2,598</b>	<b>5,825</b>	<b>8,163</b>	<b>9,889</b>	<b>10,967</b>	<b>11,995</b>
<b>Reserve (Shortage)</b>	<b>192</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-127  
Forest Hill**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>13,000</b>	<b>13,788</b>	<b>15,000</b>	<b>18,000</b>	<b>23,000</b>	<b>30,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	1,362	1,381	1,448	1,703	2,164	2,817
<b>Total Projected Demand</b>	<b>1,362</b>	<b>1,381</b>	<b>1,448</b>	<b>1,703</b>	<b>2,164</b>	<b>2,817</b>
<b>Currently Available Water Supplies</b>						
Fort Worth (TRWD)	1,296	1,114	990	1,048	1,219	1,459
<b>Total Current Supplies</b>	<b>1,296</b>	<b>1,114</b>	<b>990</b>	<b>1,048</b>	<b>1,219</b>	<b>1,459</b>
<b>Need (Demand - Current Supply)</b>	<b>66</b>	<b>267</b>	<b>458</b>	<b>655</b>	<b>945</b>	<b>1,358</b>
<b>Water Management Strategies</b>						
Water Conservation	11	16	14	23	36	56
Additional Water from Fort Worth	55	251	444	632	909	1,302
<b>Total Water Management Strategies</b>	<b>66</b>	<b>267</b>	<b>458</b>	<b>655</b>	<b>945</b>	<b>1,358</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-128  
Forney**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population (In-City Only)</b>	<b>22,033</b>	<b>26,000</b>	<b>33,978</b>	<b>41,317</b>	<b>60,000</b>	<b>80,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	3,191	3,707	4,803	5,817	8,428	11,227
Manufacturing and Customer Demand	10,844	11,223	11,753	12,923	14,437	16,445
<b>Total Projected Demand</b>	<b>14,035</b>	<b>14,930</b>	<b>16,556</b>	<b>18,740</b>	<b>22,865</b>	<b>27,672</b>
<b>Currently Available Water Supplies</b>						
Garland Reuse (for power plant)	6,879	6,879	6,879	6,879	6,879	6,879
North Texas Municipal Water District	6,592	6,168	6,834	7,896	9,973	10,978
<b>Total Current Supplies</b>	<b>13,471</b>	<b>13,047</b>	<b>13,713</b>	<b>14,775</b>	<b>16,852</b>	<b>17,857</b>
<b>Need (Demand - Current Supply)</b>	<b>564</b>	<b>1,883</b>	<b>2,843</b>	<b>3,965</b>	<b>6,013</b>	<b>9,815</b>
<b>Water Management Strategies</b>						
Water Conservation	27	41	48	78	140	225
Water Conservation (Customers)	33	53	83	127	178	251
Additional Water from NTMWD	504	1,789	2,712	3,760	5,695	9,339
<i>Increase delivery infrastructure from NTWMD (pump station)</i>				678	4,690	9,339
<b>Total Water Management Strategies</b>	<b>564</b>	<b>1,883</b>	<b>2,843</b>	<b>3,965</b>	<b>6,013</b>	<b>9,815</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Note: See appendix H for details on customer demands.

**Table C-129  
Forney Lake Water Supply Corporation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>5,521</b>	<b>6,918</b>	<b>8,518</b>	<b>10,340</b>	<b>17,041</b>	<b>24,209</b>
<b>Projected Water Demand</b>						
Municipal Demand	896	1,108	1,355	1,639	2,694	3,824
<b>Total Projected Demand</b>	<b>896</b>	<b>1,108</b>	<b>1,355</b>	<b>1,639</b>	<b>2,694</b>	<b>3,824</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District	825	849	957	1,091	1,681	2,208
<b>Total Current Supplies</b>	<b>825</b>	<b>849</b>	<b>957</b>	<b>1,091</b>	<b>1,681</b>	<b>2,208</b>
<b>Need (Demand - Current Supply)</b>	<b>71</b>	<b>259</b>	<b>398</b>	<b>548</b>	<b>1,013</b>	<b>1,616</b>
<b>Water Management Strategies</b>						
Water Conservation	16	28	41	55	99	153
Additional Water from NTMWD	55	231	357	493	914	1,463
<b>Total Water Management Strategies</b>	<b>71</b>	<b>259</b>	<b>398</b>	<b>548</b>	<b>1,013</b>	<b>1,616</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-130  
Fort Worth (Region C and Region G)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>953,971</b>	<b>1,206,920</b>	<b>1,490,815</b>	<b>1,659,683</b>	<b>1,806,476</b>	<b>1,953,270</b>
<b>Projected Water Demand</b>						
Municipal Demand	187,763	232,925	284,675	315,508	343,007	370,751
Manufacturing and Customer Demand	104,660	115,101	125,715	139,908	154,345	170,006
<b>Total Projected Demand</b>	<b>292,423</b>	<b>348,026</b>	<b>410,390</b>	<b>455,416</b>	<b>497,352</b>	<b>540,757</b>
<b>Currently Available Water Supplies</b>						
Tarrant Regional Water District (limited by treatment plant capacity)	275,830	278,569	278,569	278,569	278,569	278,569
Direct Reuse (Village Creek)	4,366	4,423	4,423	4,423	4,423	4,423
<b>Total Current Supplies</b>	<b>280,196</b>	<b>282,992</b>	<b>282,992</b>	<b>282,992</b>	<b>282,992</b>	<b>282,992</b>
<b>Need (Demand - Current Supply)</b>	<b>12,227</b>	<b>65,035</b>	<b>127,398</b>	<b>172,425</b>	<b>214,360</b>	<b>257,766</b>
<b>Water Management Strategies</b>						
Water Conservation	16,721	20,051	12,454	14,455	16,831	19,409
Water Conservation Customers	1,569	2,338	3,079	3,878	4,589	5,378
Alliance Direct Reuse	2,800	2,800	7,841	7,841	7,841	7,841
Fort Worth Future Reuse	2,688	6,934	8,166	8,166	8,166	8,166
Additional Raw Water Needed from TRWD with treatment as below:		32,912	95,858	138,085	176,933	216,971
<i>Eagle Mountain 35 mgd expansion</i>		19,618	19,618	19,618	19,618	19,618
<i>West Plant 23 mgd expansion</i>		12,892	12,892	12,892	12,892	12,892
<i>Rolling Hills 50 mgd expansion</i>		402	28,025	28,025	28,025	28,025
<i>West Plant 35 mgd expansion</i>			19,618	19,618	19,618	19,618
<i>Eagle Mountain 30 mgd expansion</i>			15,705	16,815	16,815	16,815
<i>50 mgd expansion</i>				28,025	28,025	28,025
<i>50 mgd expansion</i>				13,092	28,025	28,025
<i>50 mgd expansion</i>					23,915	28,025
<i>50 mgd expansion</i>						28,025
<i>50 mgd expansion</i>						7,903
<b>Total Water Management Strategies</b>	<b>23,778</b>	<b>65,035</b>	<b>127,398</b>	<b>172,425</b>	<b>214,360</b>	<b>257,766</b>
<b>Reserve (Shortage)</b>	<b>11,551</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Note: See appendix H for details on customer demands.

**Table C-131  
Freestone County Irrigation**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>298</b>	<b>298</b>	<b>298</b>	<b>298</b>	<b>298</b>	<b>298</b>
<b>Currently Available Water Supplies</b>						
Carrizo-Wilcox Aquifer	298	298	298	298	298	298
Local Supplies	87	87	87	87	87	87
<b>Total Current Supplies</b>	<b>385</b>	<b>385</b>	<b>385</b>	<b>385</b>	<b>385</b>	<b>385</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	0	0	0	0	1	1
<b>Total Water Management Strategies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>
<b>Reserve (Shortage)</b>	<b>87</b>	<b>87</b>	<b>87</b>	<b>87</b>	<b>88</b>	<b>88</b>

**Table C-132  
Freestone County Livestock**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>1,852</b>	<b>1,852</b>	<b>1,852</b>	<b>1,852</b>	<b>1,852</b>	<b>1,852</b>
<b>Currently Available Water Supplies</b>						
Carrizo-Wilcox Aquifer	809	809	809	809	809	809
Local Supplies	1,043	1,043	1,043	1,043	1,043	1,043
<b>Total Current Supplies</b>	<b>1,852</b>	<b>1,852</b>	<b>1,852</b>	<b>1,852</b>	<b>1,852</b>	<b>1,852</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
None						
<b>Total Water Management Strategies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-133  
Freestone County Manufacturing**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>100</b>	<b>111</b>	<b>121</b>	<b>130</b>	<b>136</b>	<b>142</b>
<b>Currently Available Water Supplies</b>						
Teague (Carrizo-Wilcox groundwater)	40	40	40	40	40	40
Fairfield (carrizo-Wilcox groundwater)	60	71	81	90	96	102
<b>Total Current Supplies</b>	<b>100</b>	<b>111</b>	<b>121</b>	<b>130</b>	<b>136</b>	<b>142</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
None						
<b>Total Water Management Strategies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



**Table C-134  
Freestone County Mining**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>5,347</b>	<b>5,115</b>	<b>5,251</b>	<b>5,286</b>	<b>5,356</b>	<b>5,582</b>
<b>Currently Available Water Supplies</b>						
Carrizo-Wilcox Aquifer	874	874	874	874	874	874
Local Supplies	120	120	120	120	120	120
<b>Total Current Supplies</b>	<b>994</b>	<b>994</b>	<b>994</b>	<b>994</b>	<b>994</b>	<b>994</b>
<b>Need (Demand - Current Supply)</b>	<b>4,353</b>	<b>4,121</b>	<b>4,257</b>	<b>4,292</b>	<b>4,362</b>	<b>4,588</b>
<b>Water Management Strategies</b>						
None						
<b>Total Water Management Strategies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Reserve (Shortage)</b>	<b>-4,353</b>	<b>-4,121</b>	<b>-4,257</b>	<b>-4,292</b>	<b>-4,362</b>	<b>-4,588</b>

**Table C-135  
Freestone County Other**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>11,719</b>	<b>11,719</b>	<b>11,719</b>	<b>15,056</b>	<b>25,000</b>	<b>50,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	1,208	1,163	1,127	1,416	2,332	4,644
<b>Total Projected Water Demand</b>	<b>1,208</b>	<b>1,163</b>	<b>1,127</b>	<b>1,416</b>	<b>2,332</b>	<b>4,644</b>
<b>Currently Available Water Supplies</b>						
Carrizo-Wilcox Aquifer	848	848	848	848	848	848
Corsicana	121	75	68	76	110	189
Run-of-River local supply	41	41	41	41	41	41
<b>Total Current Supplies</b>	<b>1,010</b>	<b>964</b>	<b>957</b>	<b>965</b>	<b>999</b>	<b>1,078</b>
<b>Need (Demand - Current Supply)</b>	<b>198</b>	<b>199</b>	<b>170</b>	<b>451</b>	<b>1,333</b>	<b>3,566</b>
<b>Water Management Strategies</b>						
Water Conservation	10	14	11	19	39	93
Additional Water from Corsicana w/ additional delivery infrastructure	0	40	44	64	119	266
Water from TRWD with new delivery and treatment facilities	189	145	115	368	1,175	3,207
<b>Total Water Management Strategies</b>	<b>199</b>	<b>199</b>	<b>170</b>	<b>451</b>	<b>1,333</b>	<b>3,566</b>
<b>Reserve (Shortage)</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-136  
Freestone County Steam Electric Power**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>28,712</b>	<b>33,963</b>	<b>40,175</b>
<b>Currently Available Water Supplies</b>						
Carrizo-Wilcox Aquifer	152	152	152	152	152	152
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
TRA (TRWD Sources)	6,726	6,122	5,411	4,781	4,264	3,806
<b>Total Current Supplies</b>	<b>27,748</b>	<b>27,144</b>	<b>26,433</b>	<b>25,803</b>	<b>25,286</b>	<b>24,828</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,909</b>	<b>8,677</b>	<b>15,347</b>
<b>Water Management Strategies</b>						
Additional Water from TRWD (current contract)	0	604	1,315	1,945	2,462	2,920
Additional Water from TRWD (New contract)	0	0	0	0	0	5,667
Trinity River Authority Reuse	0	0	0	6,760	6,760	6,760
<b>Total Water Management Strategies</b>	<b>0</b>	<b>604</b>	<b>1,315</b>	<b>8,705</b>	<b>9,222</b>	<b>15,347</b>
<b>Reserve (Shortage)</b>	<b>2,748</b>	<b>2,748</b>	<b>2,748</b>	<b>5,796</b>	<b>545</b>	<b>0</b>

**Table C-137  
Frisco**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>171,326</b>	<b>225,663</b>	<b>280,000</b>	<b>280,000</b>	<b>280,000</b>	<b>280,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	41,595	54,375	67,287	67,224	67,180	67,167
Manufacturing (4% Collin Co)	138	156	173	188	204	222
Collin County Irrigation	140	140	140	140	140	140
<b>Total Projected Demand</b>	<b>41,873</b>	<b>54,671</b>	<b>67,600</b>	<b>67,552</b>	<b>67,524</b>	<b>67,529</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District	36,258	39,090	43,532	40,991	38,388	35,527
NTWMD (for manufacturing)	127	119	122	125	128	128
Trinity Aquifer (for Irrigation)	100	100	100	100	100	100
Woodbine Aquifer (for Irrigation)	40	40	40	40	40	40
<b>Total Current Supplies</b>	<b>36,525</b>	<b>39,349</b>	<b>43,794</b>	<b>41,256</b>	<b>38,656</b>	<b>35,795</b>
<b>Need (Demand - Current Supply)</b>	<b>5,348</b>	<b>15,322</b>	<b>23,806</b>	<b>26,296</b>	<b>28,868</b>	<b>31,734</b>
<b>Water Management Strategies</b>						
Water Conservation	1,730	2,645	3,572	3,793	4,015	4,238
Water Conservation - Manufacturing	0	0	4	5	6	6
Add'l Water from NTMWD for Frisco	1,367	9,280	14,533	16,790	19,127	21,752
Add'l Water from NTMWD for Manf	11	37	47	58	70	88
Direct Reuse	2,240	3,360	5,650	5,650	5,650	5,650
<b>Total Water Management Strategies</b>	<b>5,348</b>	<b>15,322</b>	<b>23,806</b>	<b>26,296</b>	<b>28,868</b>	<b>31,734</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Table C-138

## Frost

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>712</b>	<b>785</b>	<b>860</b>	<b>946</b>	<b>1,036</b>	<b>1,132</b>
<b>Projected Water Demand</b>						
Municipal Demand	69	72	76	82	90	98
<b>Total Projected Demand</b>	<b>69</b>	<b>72</b>	<b>76</b>	<b>82</b>	<b>90</b>	<b>98</b>
<b>Currently Available Water Supplies</b>						
Corsicana	69	47	46	44	42	40
Woodbine Aquifer	16	16	16	16	16	16
<b>Total Current Supplies</b>	<b>85</b>	<b>63</b>	<b>62</b>	<b>60</b>	<b>58</b>	<b>56</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>9</b>	<b>14</b>	<b>22</b>	<b>32</b>	<b>42</b>
<b>Water Management Strategies</b>						
Water Conservation	1	1	1	1	2	2
Additional water from Cosicana	0	24	29	37	46	56
Increase delivery infrastructure from Corsicana?						
<b>Total Water Management Strategies</b>	<b>1</b>	<b>25</b>	<b>30</b>	<b>38</b>	<b>48</b>	<b>58</b>
<b>Reserve (Shortage)</b>	<b>17</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>

Table C-139

## Gainesville

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population (In City Only)</b>	<b>17,336</b>	<b>18,607</b>	<b>19,582</b>	<b>20,552</b>	<b>25,000</b>	<b>35,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	2,492	2,589	2,659	2,755	3,338	4,663
Manufacturing and Customers	1,113	713	609	921	1,791	4,714
<b>Total Projected Demand</b>	<b>3,605</b>	<b>3,302</b>	<b>3,268</b>	<b>3,676</b>	<b>5,129</b>	<b>9,377</b>
<b>Currently Available Water Supplies</b>						
Moss Lake (limited by WTP capacity)	2,242	2,242	2,242	2,242	2,242	2,242
Direct Reuse (for Cooke Co Irr)	9	9	9	9	9	9
Trinity Aquifer	2,104	2,104	2,104	2,104	2,104	2,104
<b>Total Current Supplies</b>	<b>4,355</b>	<b>4,355</b>	<b>4,355</b>	<b>4,355</b>	<b>4,355</b>	<b>4,355</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>774</b>	<b>5,022</b>
<b>Water Management Strategies</b>						
Water Conservation	21	30	27	37	56	93
Water Conservation (Customers)	27	38	41	61	88	160
Additional Lake Moss with WTP Expansions as below					560	4,699
<i>2.5 MGD WTP Expansion</i>					560	1,401
<i>6 MGD WTP Expansion</i>						3,298
<i>Infrastructure to deliver to customers</i>	0	204	293	393	937	1,825
Expand Direct Reuse	70	70	70	70	70	70
<b>Total Water Management Strategies</b>	<b>118</b>	<b>138</b>	<b>138</b>	<b>168</b>	<b>774</b>	<b>5,022</b>
<b>Reserve (Shortage)</b>	<b>868</b>	<b>1,191</b>	<b>1,225</b>	<b>847</b>	<b>0</b>	<b>0</b>

Note: See Appendix H for details on customer demands.

**Table C-140  
Garland**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population (In City Only)</b>	<b>234,650</b>	<b>241,767</b>	<b>243,522</b>	<b>243,631</b>	<b>243,761</b>	<b>243,907</b>
<b>Projected Water Demand</b>						
Municipal Demand	37,871	38,007	37,508	37,102	37,037	37,060
Dallas Co Manufacturing	3,401	3,703	3,979	4,203	4,228	4,254
Collin Co Steam Electric	715	602	740	594	782	724
Reuse Demand (Forney)	8,979	8,979	8,979	8,979	8,979	8,979
<b>Total Projected Demand</b>	<b>50,966</b>	<b>51,291</b>	<b>51,206</b>	<b>50,878</b>	<b>51,026</b>	<b>51,017</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District	34,891	29,123	26,490	24,700	23,107	21,403
NTWMD for Manufacturing	3,133	2,838	2,810	2,798	2,638	2,456
NTWMD for Steam Electric	659	461	523	395	488	418
<b>Total Current Treated Supplies</b>	<b>38,683</b>	<b>32,422</b>	<b>29,823</b>	<b>27,893</b>	<b>26,233</b>	<b>24,277</b>
Reuse Supply	8,979	8,979	8,979	8,979	8,979	8,979
<b>Total Current Reuse Supplies</b>	<b>8,979</b>	<b>8,979</b>	<b>8,979</b>	<b>8,979</b>	<b>8,979</b>	<b>8,979</b>
<b>Need (Demand - Current Supply)</b>	<b>3,304</b>	<b>9,890</b>	<b>12,404</b>	<b>14,006</b>	<b>15,814</b>	<b>17,761</b>
<b>Water Management Strategies</b>						
Water Conservation	694	1,013	375	495	617	741
Water Conservation for Manufacturing	0	7	83	118	123	124
Additional NTWMD	2,610	8,870	11,946	13,393	15,074	16,896
<b>Total Water Management Strategies</b>	<b>3,304</b>	<b>9,890</b>	<b>12,404</b>	<b>14,006</b>	<b>15,814</b>	<b>17,761</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Note: See Appendix H for details on customer demands.

**Table C-141  
Garrett**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population (In City Only)</b>	<b>1,032</b>	<b>1,320</b>	<b>1,656</b>	<b>2,049</b>	<b>2,514</b>	<b>6,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	346	438	546	674	827	1,970
<b>Total Projected Demand</b>	<b>346</b>	<b>438</b>	<b>546</b>	<b>674</b>	<b>827</b>	<b>1,970</b>
<b>Currently Available Water Supplies</b>						
Ennis Bardwell Supply (via Community WC)	313	339	359	309	232	329
TRWD sources (via Ennis, via Community WC)	23	64	88	146	128	186
<b>Total Current Supplies</b>	<b>336</b>	<b>403</b>	<b>447</b>	<b>456</b>	<b>359</b>	<b>515</b>
<b>Need (Demand - Current Supply)</b>	<b>10</b>	<b>35</b>	<b>99</b>	<b>218</b>	<b>468</b>	<b>1,455</b>
<b>Water Management Strategies</b>						
Water Conservation	6	11	16	22	30	79
Add'l Ennis (direct & via Community WC)	4	24	83	196	438	1,376
<b>Total Water Management Strategies</b>	<b>10</b>	<b>35</b>	<b>99</b>	<b>218</b>	<b>468</b>	<b>1,455</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-142  
Gastonia-Scurry Special Utility District**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>						
Outside of Scurry	9,508	11,910	14,663	17,830	30,000	45,000
Scurry	850	1,050	1,250	1,919	2,700	6,000
<b>Total Population Served</b>	<b>10,358</b>	<b>12,960</b>	<b>15,913</b>	<b>19,749</b>	<b>32,700</b>	<b>51,000</b>
<b>Projected Water Demand</b>						
Municipal Demand (Outside of Scurry)	640	801	986	1,199	2,017	3,025
Demand in Scurry	59	71	85	129	182	404
Talty (33%)	101	124	152	185	256	425
<b>Total Projected Demand</b>	<b>800</b>	<b>996</b>	<b>1,223</b>	<b>1,513</b>	<b>2,455</b>	<b>3,854</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District	554	584	669	772	903	708
NTWMD for Scurry	54	54	60	86	114	233
NTWMD for Talty	93	95	108	123	160	246
<b>Total Current Supplies</b>	<b>701</b>	<b>733</b>	<b>837</b>	<b>981</b>	<b>1,177</b>	<b>1,187</b>
<b>Need (Demand - Current Supply)</b>	<b>99</b>	<b>263</b>	<b>386</b>	<b>532</b>	<b>1,278</b>	<b>2,667</b>
<b>Water Management Strategies</b>						
Water Conservation GSSUD	5	9	10	16	34	61
Water Conservation Scurry	0	1	1	2	3	8
Water Conservation Talty	1	1	2	2	4	9
Add'l Water from NTMWD for GSSUD	42	169	268	372	511	457
Add'l Water from NTMWD for Scurry	5	16	24	41	65	163
Add'l Water from NTMWD for Talty	7	28	42	60	92	170
Connect to Seagoville (DWU)	39	39	39	39	569	1,799
<b>Total Water Management Strategies</b>	<b>99</b>	<b>263</b>	<b>386</b>	<b>532</b>	<b>1,278</b>	<b>2,667</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-143  
Glenn Heights**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population (In City Only)</b>	<b>17,323</b>	<b>23,308</b>	<b>29,590</b>	<b>36,506</b>	<b>43,522</b>	<b>59,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	1,897	2,479	3,107	3,810	4,533	6,136
Customer Demand (Oak Leaf)	100	110	131	207	330	413
<b>Total Projected Demand</b>	<b>1,997</b>	<b>2,589</b>	<b>3,238</b>	<b>4,017</b>	<b>4,863</b>	<b>6,549</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	94	94	94	94	94	94
Dallas Water Utilities for Glenn Heights	1,644	2,095	2,373	2,745	3,132	4,056
Dallas Water Utilities for Oak Leaf	95	95	101	148	220	263
Woodbine Aquifer	79	79	79	79	79	79
<b>Total Current Supplies</b>	<b>1,912</b>	<b>2,363</b>	<b>2,647</b>	<b>3,066</b>	<b>3,525</b>	<b>4,492</b>
<b>Need (Demand - Current Supply)</b>	<b>85</b>	<b>226</b>	<b>591</b>	<b>951</b>	<b>1,338</b>	<b>2,057</b>
<b>Water Management Strategies</b>						
Water Conservation	16	26	31	51	76	123
Water Conservation (customer)	1	2	2	3	6	9
Additional DWU for Glenn Heights	64	185	530	841	1,152	1,784
Additional DWU for Oak Leaf	4	13	28	56	104	141
<i>Increase delivery infrastructure from DWU</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>289</i>	<i>1,925</i>
<b>Total Water Management Strategies</b>	<b>85</b>	<b>226</b>	<b>591</b>	<b>951</b>	<b>1,338</b>	<b>2,057</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-144  
Grand Prairie**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population (In City Only)</b>	<b>218,162</b>	<b>258,759</b>	<b>283,493</b>	<b>283,515</b>	<b>283,541</b>	<b>283,571</b>
<b>Projected Water Demand</b>						
Municipal Demand	35,194	40,815	44,164	43,910	43,850	43,845
Irrigation (raw water)	300	300	300	300	300	300
Johnson County Special Utility District	6,726	6,726	6,726	6,726	6,726	6,726
Manufacturing Demand	1,428	1,475	1,525	1,570	1,608	1,649
<b>Total Projected Demand</b>	<b>43,648</b>	<b>49,316</b>	<b>52,715</b>	<b>52,506</b>	<b>52,484</b>	<b>52,520</b>
<b>Currently Available Water Supplies</b>						
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)	2,667	2,260	1,916	1,725	1,579	1,451
Midlothian	3,363	3,363	3,363	3,363	3,363	3,363
Mansfield	3,363	3,363	3,363	3,146	2,841	2,573
Dallas Water Utilities	23,966	26,712	26,052	23,869	21,938	20,918
<b>Total Current Supplies</b>	<b>37,859</b>	<b>40,198</b>	<b>39,194</b>	<b>36,603</b>	<b>34,221</b>	<b>32,805</b>
<b>Need (Demand - Current Supply)</b>	<b>5,789</b>	<b>9,118</b>	<b>13,521</b>	<b>15,903</b>	<b>18,263</b>	<b>19,715</b>
<b>Water Management Strategies</b>						
Water Conservation	645	1,060	442	585	731	877
Water Conservation (customers)	1	13	50	68	75	80
DWU Pipeline and Additional DWU	781	3,327	7,301	9,154	10,393	11,331
Additional Fort Worth (TRWD)	85	495	831	1,016	1,159	1,286
Mansfield (TRWD)	3,240	3,188	3,296	3,490	3,773	4,018
Arlington (TRWD)	1,100	1,092	1,665	1,660	2,205	2,197
<b>Total Water Management Strategies</b>	<b>5,851</b>	<b>9,175</b>	<b>13,585</b>	<b>15,973</b>	<b>18,336</b>	<b>19,789</b>
<b>Reserve (Shortage)</b>	<b>62</b>	<b>57</b>	<b>64</b>	<b>70</b>	<b>73</b>	<b>74</b>



**Table C-145  
Grapevine**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>52,414</b>	<b>58,930</b>	<b>60,000</b>	<b>60,000</b>	<b>60,000</b>	<b>60,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	18,467	20,509	20,725	20,641	20,624	20,623
Golf Course (Tarrant County Irrigation)	1,121	1,121	1,121	1,121	1,121	1,121
<b>Total Projected Demand</b>	<b>19,588</b>	<b>21,630</b>	<b>21,846</b>	<b>21,762</b>	<b>21,745</b>	<b>21,744</b>
<b>Currently Available Water Supplies</b>						
Dallas Water Utilities	3,402	3,409	3,141	2,823	2,608	2,461
Indirect Reuse (Purchased from DCPCMUD)	3,311	3,677	3,716	3,701	3,698	3,698
Trinity River Authority (TRWD)	10,387	10,498	9,279	8,199	7,313	6,527
Lake Grapevine*	1,983	1,950	1,917	1,883	1,850	1,817
<b>Total Current Supplies</b>	<b>19,084</b>	<b>19,535</b>	<b>18,053</b>	<b>16,606</b>	<b>15,469</b>	<b>14,503</b>
<b>Need (Demand - Current Supply)</b>	<b>504</b>	<b>2,095</b>	<b>3,793</b>	<b>5,156</b>	<b>6,276</b>	<b>7,241</b>
<b>Water Management Strategies</b>						
Water Conservation	339	537	622	688	756	825
Additional Water from TRA/TRWD	0	1,037	2,256	3,336	4,222	5,008
Additional Water from DWU	165	522	915	1,132	1,298	1,408
<b>Total Water Management Strategies</b>	<b>504</b>	<b>2,095</b>	<b>3,793</b>	<b>5,156</b>	<b>6,276</b>	<b>7,241</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Alternate Water Management Strategy</b>						
Purchase unused Lake Grapevine yield from DCPCMUD	5,000	5,000	5,000	4,980	4,841	4,692

\*Lake Grapevine supply is based on Grapevine's portion of the firm yield as calculated by TCEQ WAM. It is significantly less than Grapevine's water right amount.

**Table C-146  
Grayson County Irrigation**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>2,438</b>	<b>2,654</b>	<b>2,870</b>	<b>3,086</b>	<b>3,303</b>	<b>3,519</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	503	503	503	503	503	503
Woodbine Aquifer	3,165	3,165	3,165	3,165	3,165	3,165
Red River Authority (Lake Texoma)	150	150	150	150	150	151
Local Supplies	1,091	1,091	1,091	1,091	1,091	1,091
<b>Total Current Supplies</b>	<b>4,909</b>	<b>4,909</b>	<b>4,909</b>	<b>4,909</b>	<b>4,909</b>	<b>4,910</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	0	4	9	12	16	19
<b>Total Water Management Strategies</b>	<b>0</b>	<b>4</b>	<b>9</b>	<b>12</b>	<b>16</b>	<b>19</b>
<b>Reserve (Shortage)</b>	<b>2,471</b>	<b>2,259</b>	<b>2,048</b>	<b>1,835</b>	<b>1,622</b>	<b>1,410</b>

**Table C-147  
Grayson County Livestock**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>1,458</b>	<b>1,458</b>	<b>1,458</b>	<b>1,458</b>	<b>1,458</b>	<b>1,458</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	104	104	104	104	104	104
Woodbine Aquifer	360	360	360	360	360	360
Local Supplies	1,075	1,075	1,075	1,075	1,075	1,075
<b>Total Current Supplies</b>	<b>1,539</b>	<b>1,539</b>	<b>1,539</b>	<b>1,539</b>	<b>1,539</b>	<b>1,539</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
None						
<b>Total Water Management Strategies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Reserve (Shortage)</b>	<b>81</b>	<b>81</b>	<b>81</b>	<b>81</b>	<b>81</b>	<b>81</b>

**Table C-148  
Grayson County Manufacturing**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>4,905</b>	<b>5,329</b>	<b>5,729</b>	<b>6,065</b>	<b>6,584</b>	<b>7,147</b>
<b>Currently Available Water Supplies</b>						
Sherman (GTUA - Lake Texoma)	3,619	3,718	3,595	3,297	2,789	2,100
Denison (Lake Randell)	736	799	859	910	988	1,072
Howe (NTMWD through GTUA)	45	41	40	40	41	41
Woodbine Aquifer	1,200	1,200	1,200	1,200	1,200	1,200
Local Supplies	30	30	30	30	30	30
<b>Total Current Supplies</b>	<b>5,630</b>	<b>5,788</b>	<b>5,724</b>	<b>5,477</b>	<b>5,048</b>	<b>4,443</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>588</b>	<b>1,536</b>	<b>2,704</b>
<b>Water Management Strategies</b>						
Water Conservation	0	11	122	175	187	203
Additional Howe	4	12	17	21	25	30
Additional Sherman (Grayson County Water Supply Project)	60	268	580	1,076	1,962	3,058
<b>Total Water Management Strategies</b>	<b>64</b>	<b>291</b>	<b>719</b>	<b>1,272</b>	<b>2,174</b>	<b>3,291</b>
<b>Reserve (Shortage)</b>	<b>789</b>	<b>750</b>	<b>714</b>	<b>684</b>	<b>638</b>	<b>587</b>
<b>Alternate Water Management Strategy</b>						
Direct Reuse from Sherman	561	561	561	561	561	561

**Table C-149  
Grayson County Mining**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	79	91	107	123	142	163
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	22	22	22	22	22	22
Red River Authority (Lake Texoma)	100	100	100	100	100	100
<b>Total Current Supplies</b>	<b>122</b>	<b>122</b>	<b>122</b>	<b>122</b>	<b>122</b>	<b>122</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>20</b>	<b>41</b>
<b>Water Management Strategies</b>						
New Well in Trinity Aquifer (Red Basin)				41	41	41
<b>Total Water Management Strategies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>41</b>	<b>41</b>	<b>41</b>
<b>Reserve (Shortage)</b>	<b>43</b>	<b>31</b>	<b>15</b>	<b>40</b>	<b>21</b>	<b>0</b>

**Table C-150  
Grayson County Other**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>21,617</b>	<b>21,617</b>	<b>21,617</b>	<b>21,617</b>	<b>30,000</b>	<b>50,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	2,746	2,642	2,554	2,536	3,494	5,801
<b>Total Projected Water Demand</b>	<b>2,746</b>	<b>2,642</b>	<b>2,554</b>	<b>2,536</b>	<b>3,494</b>	<b>5,801</b>
<b>Currently Available Water Supplies</b>						
Denison (Lake Randell)	60	60	60	60	60	60
Red River Authority (Lake Texoma)	641	641	641	641	641	641
Denison (Lake Texoma)	340	340	340	340	340	340
Sherman (GTUA - Lake Texoma)	2,161	2,043	1,838	1,593	1,241	1,363
Trinity Aquifer	750	750	750	750	750	750
Woodbine Aquifer	800	800	800	800	800	800
<b>Total Current Supplies</b>	<b>4,752</b>	<b>4,634</b>	<b>4,429</b>	<b>4,184</b>	<b>3,832</b>	<b>3,954</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,847</b>
<b>Water Management Strategies</b>						
Water Conservation	23	31	26	34	58	116
Grayson County Water Supply Project (Sherman WTP)	13	123	333	570	898	2,002
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
<b>Total Water Management Strategies</b>	<b>36</b>	<b>914</b>	<b>1,219</b>	<b>1,564</b>	<b>2,016</b>	<b>3,278</b>
<b>Reserve (Shortage)</b>	<b>2,041</b>	<b>2,905</b>	<b>3,093</b>	<b>3,211</b>	<b>2,353</b>	<b>1,430</b>

**Table C-151  
Grayson County Steam Electric Power**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>6,163</b>	<b>12,711</b>	<b>12,711</b>	<b>12,711</b>	<b>12,711</b>	<b>12,711</b>
<b>Currently Available Water Supplies</b>						
Sherman (GTUA - Lake Texoma)	6,163	6,163	6,163	6,163	6,163	6,163
<b>Total Current Supplies</b>	<b>6,163</b>	<b>6,163</b>	<b>6,163</b>	<b>6,163</b>	<b>6,163</b>	<b>6,163</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>6,548</b>	<b>6,548</b>	<b>6,548</b>	<b>6,548</b>	<b>6,548</b>
<b>Water Management Strategies</b>						
GTUA (Lake Texoma) with pipeline	0	6,548	6,548	6,548	6,548	6,548
<b>Total Water Management Strategies</b>	<b>0</b>	<b>6,548</b>	<b>6,548</b>	<b>6,548</b>	<b>6,548</b>	<b>6,548</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Alternate Water Management Strategy</b>						
Direct Reuse from Sherman		4,352	4,771	5,496	6,548	6,548

**Table C-152  
Gun Barrel City**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population (In City Only)</b>	<b>6,000</b>	<b>6,500</b>	<b>7,000</b>	<b>8,211</b>	<b>12,500</b>	<b>20,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	944	996	1,053	1,222	1,852	2,957
<b>Total Projected Demand</b>	<b>944</b>	<b>996</b>	<b>1,053</b>	<b>1,222</b>	<b>1,852</b>	<b>2,957</b>
<b>Currently Available Water Supplies</b>						
TRWD through East Cedar Creek Freshwater Supply District	620	611	575	594	691	794
<b>Total Current Supplies</b>	<b>620</b>	<b>611</b>	<b>575</b>	<b>594</b>	<b>691</b>	<b>794</b>
<b>Need (Demand - Current Supply)</b>	<b>324</b>	<b>385</b>	<b>478</b>	<b>628</b>	<b>1,161</b>	<b>2,163</b>
<b>Water Management Strategies</b>						
Water Conservation	8	11	11	16	31	59
Additional East Cedar Creek FWSD	316	374	467	612	1,130	2,104
<b>Total Water Management Strategies</b>	<b>324</b>	<b>385</b>	<b>478</b>	<b>628</b>	<b>1,161</b>	<b>2,163</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-153  
Gunter**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population (In City Only)</b>	<b>2,200</b>	<b>3,000</b>	<b>4,000</b>	<b>5,000</b>	<b>6,000</b>	<b>7,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	355	473	624	776	930	1,085
<b>Total Projected Demand</b>	<b>355</b>	<b>473</b>	<b>624</b>	<b>776</b>	<b>930</b>	<b>1,085</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	355	355	355	355	355	355
<b>Total Current Supplies</b>	<b>355</b>	<b>355</b>	<b>355</b>	<b>355</b>	<b>355</b>	<b>355</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>118</b>	<b>269</b>	<b>421</b>	<b>575</b>	<b>730</b>
<b>Water Management Strategies</b>						
Water Conservation	3	21	6	10	16	22
New wells	50	100	100	100	100	100
Grayson County Water Supply Project (Sherman WTP)	0	97	263	411	559	708
<b>Total Water Management Strategies</b>	<b>53</b>	<b>218</b>	<b>369</b>	<b>521</b>	<b>675</b>	<b>830</b>
<b>Reserve (Shortage)</b>	<b>53</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

**Table C-154  
Hackberry**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population (In City Only)</b>	<b>1,274</b>	<b>1,645</b>	<b>2,088</b>	<b>2,583</b>	<b>3,162</b>	<b>3,823</b>
<b>Projected Water Demand</b>						
Municipal Demand	309	394	498	615	752	908
<b>Total Projected Demand</b>	<b>309</b>	<b>394</b>	<b>498</b>	<b>615</b>	<b>752</b>	<b>908</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District	285	302	352	409	469	524
<b>Total Current Supplies</b>	<b>285</b>	<b>302</b>	<b>352</b>	<b>409</b>	<b>469</b>	<b>524</b>
<b>Need (Demand - Current Supply)</b>	<b>24</b>	<b>92</b>	<b>146</b>	<b>206</b>	<b>283</b>	<b>384</b>
<b>Water Management Strategies</b>						
Water Conservation	6	10	15	21	28	36
Additional Water from NTMWD	18	82	131	185	255	348
<i>Increase delivery infrastructure from NTWMD</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>70</i>	<i>200</i>	<i>348</i>
<b>Total Water Management Strategies</b>	<b>24</b>	<b>92</b>	<b>146</b>	<b>206</b>	<b>283</b>	<b>384</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-155  
Haltom City**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population (In City Only)</b>	<b>44,000</b>	<b>45,000</b>	<b>47,000</b>	<b>51,000</b>	<b>55,000</b>	<b>60,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	5,285	5,226	5,308	5,670	6,093	6,640
<b>Total Projected Demand</b>	<b>5,285</b>	<b>5,226</b>	<b>5,308</b>	<b>5,670</b>	<b>6,093</b>	<b>6,640</b>
<b>Currently Available Water Supplies</b>						
Fort Worth (TRWD)	5,030	4,215	3,628	3,490	3,432	3,439
<b>Total Current Supplies</b>	<b>5,030</b>	<b>4,215</b>	<b>3,628</b>	<b>3,490</b>	<b>3,432</b>	<b>3,439</b>
<b>Need (Demand - Current Supply)</b>	<b>255</b>	<b>1,011</b>	<b>1,680</b>	<b>2,180</b>	<b>2,661</b>	<b>3,201</b>
<b>Water Management Strategies</b>						
Water Conservation	44	61	53	76	102	133
Additional Water from Fort Worth	211	950	1,627	2,104	2,559	3,068
<b>Total Water Management Strategies</b>	<b>255</b>	<b>1,011</b>	<b>1,680</b>	<b>2,180</b>	<b>2,661</b>	<b>3,201</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-156  
Haslet**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population (In City Only)</b>	<b>1,630</b>	<b>2,000</b>	<b>2,303</b>	<b>5,000</b>	<b>7,000</b>	<b>8,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	532	644	736	1,589	2,222	2,539
<b>Total Projected Demand</b>	<b>532</b>	<b>644</b>	<b>736</b>	<b>1,589</b>	<b>2,222</b>	<b>2,539</b>
<b>Currently Available Water Supplies</b>						
Fort Worth (TRWD)	446	469	460	939	1,216	1,282
Trinity Aquifer	63	63	63	63	63	63
<b>Total Current Supplies</b>	<b>509</b>	<b>532</b>	<b>523</b>	<b>1,002</b>	<b>1,279</b>	<b>1,345</b>
<b>Need (Demand - Current Supply)</b>	<b>23</b>	<b>112</b>	<b>213</b>	<b>587</b>	<b>943</b>	<b>1,194</b>
<b>Water Management Strategies</b>						
Water Conservation	4	17	26	72	109	133
Additional Water from Fort Worth	19	95	187	515	834	1,061
<b>Total Water Management Strategies</b>	<b>23</b>	<b>112</b>	<b>213</b>	<b>587</b>	<b>943</b>	<b>1,194</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-157  
Heath**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>12,107</b>	<b>24,300</b>	<b>24,300</b>	<b>24,300</b>	<b>24,300</b>	<b>24,300</b>
<b>Projected Water Demand</b>						
Municipal Demand	3,945	7,839	7,826	7,818	7,816	7,815
<b>Total Projected Demand</b>	<b>3,945</b>	<b>7,839</b>	<b>7,826</b>	<b>7,818</b>	<b>7,816</b>	<b>7,815</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District (through Rockwall)	3,635	6,007	5,527	5,205	4,876	4,513
<b>Total Current Supplies</b>	<b>3,635</b>	<b>6,007</b>	<b>5,527</b>	<b>5,205</b>	<b>4,876</b>	<b>4,513</b>
<b>Need (Demand - Current Supply)</b>	<b>310</b>	<b>1,832</b>	<b>2,299</b>	<b>2,613</b>	<b>2,940</b>	<b>3,302</b>
<b>Water Management Strategies</b>						
Water Conservation	78	217	262	288	314	340
Additional Water from NTMWD (Rockwall)	232	1,615	2,037	2,325	2,626	2,962
<b>Total Water Management Strategies</b>	<b>310</b>	<b>1,832</b>	<b>2,299</b>	<b>2,613</b>	<b>2,940</b>	<b>3,302</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand in Region C</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Currently Available Water Supplies</b>						
Carrizo-Wilcox Aquifer	50	50	50	50	50	50
Direct reuse	32	32	32	32	32	32
Local supplies	415	415	415	415	415	415
<b>Total Current Supplies</b>	<b>497</b>	<b>497</b>	<b>497</b>	<b>497</b>	<b>497</b>	<b>497</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
None						
<b>Total Water Management Strategies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Reserve (Shortage)</b>	<b>497</b>	<b>497</b>	<b>497</b>	<b>497</b>	<b>497</b>	<b>497</b>

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

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand in Region C</b>	<b>490</b>	<b>490</b>	<b>490</b>	<b>490</b>	<b>490</b>	<b>490</b>
<b>Currently Available Water Supplies</b>						
Carrizo-Wilcox Aquifer	13	13	13	13	13	13
Queen City Aquifer	500	500	500	500	500	500
Local Supplies	341	341	341	341	341	341
<b>Total Current Supplies</b>	<b>854</b>	<b>854</b>	<b>854</b>	<b>854</b>	<b>854</b>	<b>854</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
None						
<b>Total Water Management Strategies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Reserve (Shortage)</b>	<b>364</b>	<b>364</b>	<b>364</b>	<b>364</b>	<b>364</b>	<b>364</b>

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

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand in Region C</b>	<b>575</b>	<b>594</b>	<b>613</b>	<b>633</b>	<b>652</b>	<b>671</b>
<b>Currently Available Water Supplies</b>						
Carrizo-Wilcox Aquifer	396	396	396	396	396	396
Carrizo-Wilcox Aquifer (through Malakoff)	6	6	6	6	7	7
Athens MWA (through Athens)	345	353	346	334	240	179
<b>Total Current Supplies</b>	<b>747</b>	<b>755</b>	<b>748</b>	<b>736</b>	<b>643</b>	<b>582</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>89</b>
<b>Water Management Strategies</b>						
Additional Water from Athens WMA (through Athens)	175	172	171	167	122	92
<b>Total Water Management Strategies</b>	<b>175</b>	<b>172</b>	<b>171</b>	<b>167</b>	<b>122</b>	<b>92</b>
<b>Reserve (Shortage)</b>	<b>347</b>	<b>333</b>	<b>306</b>	<b>270</b>	<b>113</b>	<b>3</b>



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

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand in Region C</b>	<b>607</b>	<b>607</b>	<b>607</b>	<b>607</b>	<b>607</b>	<b>607</b>
<b>Currently Available Water Supplies</b>						
Carrizo-Wilcox Aquifer	425	425	425	425	425	425
Tarrant Regional Water District	182	166	146	129	115	103
<b>Total Current Supplies</b>	<b>607</b>	<b>591</b>	<b>571</b>	<b>554</b>	<b>540</b>	<b>528</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>16</b>	<b>36</b>	<b>53</b>	<b>67</b>	<b>79</b>
<b>Water Management Strategies</b>						
Add'l TRWD	0	16	36	53	67	79
<b>Total Water Management Strategies</b>	<b>0</b>	<b>16</b>	<b>36</b>	<b>53</b>	<b>67</b>	<b>79</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-162  
Henderson County Other (Region C Only)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population in Region C</b>	<b>3,424</b>	<b>2,700</b>	<b>2,623</b>	<b>2,319</b>	<b>2,058</b>	<b>1,807</b>
<b>Projected Water Demand in Region C</b>						
Municipal Demand	314	233	215	189	167	147
<b>Total Projected Water Demand</b>	<b>314</b>	<b>233</b>	<b>215</b>	<b>189</b>	<b>167</b>	<b>147</b>
<b>Currently Available Water Supplies</b>						
Carrizo-Wilcox Aquifer	75	75	75	75	75	75
Tarrant Regional WD (direct & thru Mabank)	239	144	113	81	58	41
<b>Total Current Supplies</b>	<b>314</b>	<b>219</b>	<b>188</b>	<b>156</b>	<b>133</b>	<b>116</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>14</b>	<b>27</b>	<b>33</b>	<b>34</b>	<b>31</b>
<b>Water Management Strategies</b>						
Water Conservation	3	3	2	3	3	3
Additional Water from TRWD	0	11	25	30	31	28
<b>Total Water Management Strategies</b>	<b>3</b>	<b>14</b>	<b>27</b>	<b>33</b>	<b>34</b>	<b>31</b>
<b>Reserve (Shortage)</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-163  
Henderson County Steam Electric Power (Region C Only)**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand in Region C</b>	<b>4,000</b>	<b>7,000</b>	<b>8,000</b>	<b>9,000</b>	<b>10,000</b>	<b>11,000</b>
<b>Currently Available Water Supplies</b>						
Lake Trinidad	3,050	3,050	3,050	3,050	3,050	3,050
<b>Total Current Supplies</b>	<b>3,050</b>	<b>3,050</b>	<b>3,050</b>	<b>3,050</b>	<b>3,050</b>	<b>3,050</b>
<b>Need (Demand - Current Supply)</b>	<b>950</b>	<b>3,950</b>	<b>4,950</b>	<b>5,950</b>	<b>6,950</b>	<b>7,950</b>
<b>Water Management Strategies</b>						
Tarrant Regional Water District	4,500	4,500	4,950	5,950	6,950	7,950
<b>Total Water Management Strategies</b>	<b>4,500</b>	<b>4,500</b>	<b>4,950</b>	<b>5,950</b>	<b>6,950</b>	<b>7,950</b>
<b>Reserve (Shortage)</b>	<b>3,550</b>	<b>550</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-164  
Hickory Creek**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>4,089</b>	<b>5,110</b>	<b>6,331</b>	<b>7,941</b>	<b>7,941</b>	<b>7,941</b>
<b>Projected Water Demand</b>						
Municipal Demand	583	709	865	1,078	1,076	1,076
<b>Total Projected Demand</b>	<b>583</b>	<b>709</b>	<b>865</b>	<b>1,078</b>	<b>1,076</b>	<b>1,076</b>
<b>Currently Available Water Supplies</b>						
Lake Cities Municipal Utility Authority (Groundwater)	97	97	97	97	97	97
Lake Cities Municipal Utility Authority (UTRWD)	486	479	473	477	431	376
<b>Total Current Supplies</b>	<b>583</b>	<b>576</b>	<b>570</b>	<b>574</b>	<b>528</b>	<b>473</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>133</b>	<b>295</b>	<b>504</b>	<b>548</b>	<b>603</b>
<b>Water Management Strategies</b>						
Water Conservation	5	8	9	14	18	22
Add'l Water from Lake Cities MUA (UTRWD )	0	135	306	520	569	620
<b>Total Water Management Strategies</b>	<b>5</b>	<b>143</b>	<b>315</b>	<b>534</b>	<b>587</b>	<b>642</b>
<b>Reserve (Shortage)</b>	<b>5</b>	<b>10</b>	<b>20</b>	<b>30</b>	<b>39</b>	<b>39</b>

**Table C-165  
Hickory Creek Special Utility District (Region C Only)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population in Region C</b>	<b>4,517</b>	<b>6,474</b>	<b>9,112</b>	<b>12,741</b>	<b>17,913</b>	<b>25,413</b>
<b>Projected Water Demand in Region C</b>						
Municipal Demand	36	38	40	42	46	50
<b>Total Projected Region C Demand</b>	<b>36</b>	<b>38</b>	<b>40</b>	<b>42</b>	<b>46</b>	<b>50</b>
<b>Currently Available Water Supplies</b>						
Woodbine Aquifer in Region D	50	50	50	50	50	50
<b>Total Current Supplies</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	0	0	0	1	1	1
<b>Total Water Management Strategies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>Reserve (Shortage)</b>	<b>14</b>	<b>12</b>	<b>10</b>	<b>9</b>	<b>5</b>	<b>1</b>

**Table C-166  
High Point Water Supply Corporation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>5,255</b>	<b>6,585</b>	<b>8,108</b>	<b>9,847</b>	<b>15,716</b>	<b>20,831</b>
<b>Projected Water Demand</b>						
Municipal Demand	477	569	681	817	1,298	1,718
<b>Total Projected Demand</b>	<b>477</b>	<b>569</b>	<b>681</b>	<b>817</b>	<b>1,298</b>	<b>1,718</b>
<b>Currently Available Water Supplies</b>						
Forney (NTMWD)	220	218	240	272	405	496
Terrell (NTMWD)	141	141	141	141	141	141
<b>Total Current Supplies</b>	<b>361</b>	<b>359</b>	<b>382</b>	<b>413</b>	<b>546</b>	<b>637</b>
<b>Need (Demand - Current Supply)</b>	<b>116</b>	<b>210</b>	<b>299</b>	<b>404</b>	<b>752</b>	<b>1,081</b>
<b>Water Management Strategies</b>						
Water Conservation	4	6	7	11	22	34
Additional Water from Forney	17	64	97	132	233	346
Additional Water from Terrell (increase contract amount)	96	141	196	262	497	701
<b>Total Water Management Strategies</b>	<b>117</b>	<b>211</b>	<b>300</b>	<b>405</b>	<b>752</b>	<b>1,081</b>
<b>Reserve (Shortage)</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>

**Table C-167  
Highland Park**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	9,025	9,313	9,313	9,313	9,313	9,313
<b>Projected Water Demand</b>						
Municipal Demand	4,056	4,141	4,106	4,091	4,088	4,088
<b>Total Projected Demand</b>	<b>4,056</b>	<b>4,141</b>	<b>4,106</b>	<b>4,091</b>	<b>4,088</b>	<b>4,088</b>
<b>Currently Available Water Supplies</b>						
Dallas County Park Cities Municipal Utility District (Lake Grapevine)	4,022	4,093	4,065	4,036	4,020	4,006
<b>Total Current Supplies</b>	<b>4,022</b>	<b>4,093</b>	<b>4,065</b>	<b>4,036</b>	<b>4,020</b>	<b>4,006</b>
<b>Need (Demand - Current Supply)</b>	<b>34</b>	<b>48</b>	<b>41</b>	<b>55</b>	<b>68</b>	<b>82</b>
<b>Water Management Strategies</b>						
Water Conservation	34	48	41	55	68	82
<b>Total Water Management Strategies</b>	<b>34</b>	<b>48</b>	<b>41</b>	<b>55</b>	<b>68</b>	<b>82</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-168  
Highland Village**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	17,100	18,000	18,000	18,000	18,000	18,000
<b>Projected Water Demand</b>						
Municipal Demand	3,832	3,968	3,924	3,899	3,893	3,893
<b>Total Projected Demand</b>	<b>3,832</b>	<b>3,968</b>	<b>3,924</b>	<b>3,899</b>	<b>3,893</b>	<b>3,893</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	1,347	1,347	1,347	1,347	1,347	1,347
Upper Trinity Regional Water District	2,485	2,143	1,733	1,434	1,333	1,169
<b>Total Current Supplies</b>	<b>3,832</b>	<b>3,490</b>	<b>3,080</b>	<b>2,781</b>	<b>2,680</b>	<b>2,516</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>478</b>	<b>844</b>	<b>1,118</b>	<b>1,213</b>	<b>1,377</b>
<b>Water Management Strategies</b>						
Water Conservation	70	105	118	130	143	156
Additional Water from UTRWD	0	508	994	1,396	1,609	1,760
<b>Total Water Management Strategies</b>	<b>70</b>	<b>613</b>	<b>1,112</b>	<b>1,526</b>	<b>1,752</b>	<b>1,916</b>
<b>Reserve (Shortage)</b>	<b>70</b>	<b>135</b>	<b>268</b>	<b>408</b>	<b>539</b>	<b>539</b>

**Table C-169  
Honey Grove**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>1,700</b>	<b>1,800</b>	<b>1,800</b>	<b>1,800</b>	<b>1,800</b>	<b>1,800</b>
<b>Projected Water Demand</b>						
Municipal Demand	274	280	274	271	271	271
<b>Total Projected Demand</b>	<b>274</b>	<b>280</b>	<b>274</b>	<b>271</b>	<b>271</b>	<b>271</b>
<b>Currently Available Water Supplies</b>						
Woodbine Aquifer	274	274	274	274	274	274
<b>Total Current Supplies</b>	<b>274</b>	<b>274</b>	<b>274</b>	<b>274</b>	<b>274</b>	<b>274</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	2	3	3	4	5	5
NTMWD-Fannin Co Water Supply Project	0	185	241	237	236	236
<b>Total Water Management Strategies</b>	<b>2</b>	<b>188</b>	<b>244</b>	<b>241</b>	<b>241</b>	<b>241</b>
<b>Reserve (Shortage)</b>	<b>2</b>	<b>182</b>	<b>244</b>	<b>244</b>	<b>244</b>	<b>244</b>

**Table C-170  
Howe**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>3,000</b>	<b>3,500</b>	<b>4,000</b>	<b>4,500</b>	<b>5,000</b>	<b>5,500</b>
<b>Projected Water Demand</b>						
Municipal Demand	287	318	352	390	432	474
Grayson County Manufacturing	49	53	57	61	66	71
<b>Total Projected Demand</b>	<b>336</b>	<b>371</b>	<b>409</b>	<b>451</b>	<b>498</b>	<b>545</b>
<b>Currently Available Water Supplies</b>						
Woodbine Aquifer	282	282	282	282	282	282
North Texas Municipal WD (Collin-Grayson Municipal Alliance Pipeline)	5	28	49	72	94	111
North Texas MWD (Collin-Grayson MA for Grayson Co Manufacturing)	45	41	40	40	41	41
<b>Total Current Supplies</b>	<b>332</b>	<b>350</b>	<b>372</b>	<b>394</b>	<b>417</b>	<b>434</b>
<b>Need (Demand - Current Supply)</b>	<b>4</b>	<b>21</b>	<b>37</b>	<b>56</b>	<b>81</b>	<b>111</b>
<b>Water Management Strategies</b>						
Water Conservation	2	4	4	5	7	9
Additional Water from NTMWD (Expanded CGMA Pipeline)	0	4	17	31	49	72
Additional Water from NTMWD (Expanded CGMA Pipeline for Grayson Co Manufacturing)	4	12	17	21	25	30
<b>Total Water Management Strategies</b>	<b>6</b>	<b>21</b>	<b>37</b>	<b>57</b>	<b>81</b>	<b>111</b>
<b>Reserve (Shortage)</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Alternate Water Management Strategy</b>						
Grayson County Water Supply Project (Sherman WTP)	2	17	33	51	74	102

**Table C-171  
Hudson Oaks**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>2,673</b>	<b>3,684</b>	<b>4,695</b>	<b>4,808</b>	<b>4,808</b>	<b>4,808</b>
<b>Projected Water Demand</b>						
Municipal Demand	458	618	779	795	795	795
<b>Total Projected Demand</b>	<b>458</b>	<b>618</b>	<b>779</b>	<b>795</b>	<b>795</b>	<b>795</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	229	309	390	398	398	398
TRWD supplies (thru Weatherford)	229	281	313	245	146	132
Lake Weatherford (thru Weatherford)	106	120	128	84	55	38
<b>Total Current Supplies</b>	<b>564</b>	<b>710</b>	<b>831</b>	<b>727</b>	<b>599</b>	<b>568</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>69</b>	<b>197</b>	<b>228</b>
<b>Water Management Strategies</b>						
Water Conservation	9	19	27	30	33	36
Additional Water from Weatherford	0	0	0	39	164	192
<b>Total Water Management Strategies</b>	<b>9</b>	<b>19</b>	<b>27</b>	<b>69</b>	<b>197</b>	<b>228</b>
<b>Reserve (Shortage)</b>	<b>115</b>	<b>111</b>	<b>79</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-172  
Hurst**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>40,000</b>	<b>41,000</b>	<b>41,000</b>	<b>41,000</b>	<b>41,000</b>	<b>41,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	6,828	6,819	6,680	6,604	6,590	6,590
<b>Total Projected Demand</b>	<b>6,828</b>	<b>6,819</b>	<b>6,680</b>	<b>6,604</b>	<b>6,590</b>	<b>6,590</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	816	816	816	816	816	816
Fort Worth (TRWD)	5,722	4,841	4,008	3,563	3,253	2,990
<b>Total Current Supplies</b>	<b>6,538</b>	<b>5,657</b>	<b>4,824</b>	<b>4,379</b>	<b>4,069</b>	<b>3,806</b>
<b>Need (Demand - Current Supply)</b>	<b>290</b>	<b>1,162</b>	<b>1,856</b>	<b>2,225</b>	<b>2,521</b>	<b>2,784</b>
<b>Water Management Strategies</b>						
Water Conservation	219	275	292	311	332	354
Additional Water from Fort Worth	71	887	1,564	1,914	2,189	2,430
<b>Total Water Management Strategies</b>	<b>290</b>	<b>1,162</b>	<b>1,856</b>	<b>2,225</b>	<b>2,521</b>	<b>2,784</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-173  
Hutchins**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>9,903</b>	<b>13,922</b>	<b>17,941</b>	<b>21,960</b>	<b>25,979</b>	<b>30,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	1,022	1,396	1,779	2,166	2,558	2,952
Wilmer	193	190				
<b>Total Projected Demand</b>	<b>1,215</b>	<b>1,586</b>	<b>1,779</b>	<b>2,166</b>	<b>2,558</b>	<b>2,952</b>
<b>Currently Available Water Supplies</b>						
Dallas Water Utilities	974	1,211	1,378	1,546	1,708	1,878
DWU for Customer (Wilmer)	193	190				
<b>Total Current Supplies</b>	<b>1,167</b>	<b>1,401</b>	<b>1,378</b>	<b>1,546</b>	<b>1,708</b>	<b>1,878</b>
<b>Need (Demand - Current Supply)</b>	<b>48</b>	<b>185</b>	<b>401</b>	<b>620</b>	<b>850</b>	<b>1,074</b>
<b>Water Management Strategies</b>						
Water Conservation	9	14	18	29	43	59
Additional Water from DWU	39	171	383	591	807	1,015
<b>Total Water Management Strategies</b>	<b>48</b>	<b>185</b>	<b>401</b>	<b>620</b>	<b>850</b>	<b>1,074</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-174  
Irving**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>260,752</b>	<b>284,500</b>	<b>284,500</b>	<b>284,500</b>	<b>284,500</b>	<b>284,500</b>
<b>Projected Water Demand</b>						
Municipal Demand	56,135	60,148	59,460	59,081	59,001	58,992
Manufacturing Demand	3,779	4,115	4,421	4,670	4,698	4,727
<b>Total Projected Demand</b>	<b>59,914</b>	<b>64,263</b>	<b>63,881</b>	<b>63,751</b>	<b>63,699</b>	<b>63,719</b>
<b>Currently Available Water Supplies</b>						
Lake Chapman for Municipal	35,084	34,568	34,083	33,655	33,447	33,239
Lake Chapman for Manufacturing	3,779	4,115	4,421	4,670	4,698	4,727
Dallas Water Utilities	4,768	4,336	3,872	3,570	3,339	3,180
<b>Total Current Supplies</b>	<b>43,631</b>	<b>43,019</b>	<b>42,376</b>	<b>41,895</b>	<b>41,484</b>	<b>41,146</b>
<b>Need (Demand - Current Supply)</b>	<b>16,283</b>	<b>21,244</b>	<b>21,505</b>	<b>21,856</b>	<b>22,215</b>	<b>22,573</b>
<b>Water Management Strategies</b>						
Water Conservation	1,029	1,584	1,784	1,969	2,163	2,360
Water Conservation (Manufacturing)	0	8	92	132	137	138
Lake Chapman Silt Barrier Removal	3,418	3,326	3,235	3,143	3,052	2,960
Additional Water from DWU	232	664	1,128	1,430	1,661	1,820
TRA Central Reuse Project	28,025	28,025	28,025	28,025	28,025	28,025
<b>Total Water Management Strategies</b>	<b>32,704</b>	<b>33,607</b>	<b>34,263</b>	<b>34,699</b>	<b>35,037</b>	<b>35,303</b>
<b>Reserve (Shortage)</b>	<b>16,420</b>	<b>12,363</b>	<b>12,758</b>	<b>12,842</b>	<b>12,823</b>	<b>12,730</b>

**Table C-175  
Italy**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>2,386</b>	<b>3,052</b>	<b>3,828</b>	<b>4,738</b>	<b>6,000</b>	<b>8,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	314	386	473	580	733	976
<b>Total Projected Demand</b>	<b>314</b>	<b>386</b>	<b>473</b>	<b>580</b>	<b>733</b>	<b>976</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	192	192	192	192	192	192
Woodbine Aquifer	122	122	122	122	122	122
<b>Total Current Supplies</b>	<b>314</b>	<b>314</b>	<b>314</b>	<b>314</b>	<b>314</b>	<b>314</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>72</b>	<b>159</b>	<b>266</b>	<b>419</b>	<b>662</b>
<b>Water Management Strategies</b>						
Water Conservation	3	4	5	8	12	20
Waxahachie (TRWD through TRA)	0	68	154	258	407	642
<b>Total Water Management Strategies</b>	<b>3</b>	<b>72</b>	<b>159</b>	<b>266</b>	<b>419</b>	<b>662</b>
<b>Reserve (Shortage)</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-176  
Jack County Irrigation**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>101</b>	<b>101</b>	<b>101</b>	<b>101</b>	<b>101</b>	<b>101</b>
<b>Currently Available Water Supplies</b>						
Other Aquifer	55	55	55	55	55	55
Direct reuse	27	26	26	25	25	24
Local supplies (Run-of-River)	110	110	110	110	110	110
<b>Total Current Supplies</b>	<b>192</b>	<b>191</b>	<b>191</b>	<b>190</b>	<b>190</b>	<b>189</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	0	3	6	8	10	11
<b>Total Water Management Strategies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Reserve (Shortage)</b>	<b>91</b>	<b>90</b>	<b>90</b>	<b>89</b>	<b>89</b>	<b>88</b>



**Table C-177  
Jack County Livestock**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	932	932	932	932	932	932
<b>Currently Available Water Supplies</b>						
Other Aquifer	130	130	130	130	130	130
Local Livestock Supplies	802	802	802	802	802	802
<b>Total Current Supplies</b>	932	932	932	932	932	932
<b>Need (Demand - Current Supply)</b>	0	0	0	0	0	0
<b>Water Management Strategies</b>						
None						
<b>Total Water Management Strategies</b>	0	0	0	0	0	0
<b>Reserve (Shortage)</b>	0	0	0	0	0	0

**Table C-178  
Jack County Manufacturing**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	2	2	2	2	2	2
<b>Currently Available Water Supplies</b>						
Bryson	1	1	1	1	1	1
Jacksboro (Lost Creek/Jacksboro system)	1	1	1	1	1	1
<b>Total Current Supplies</b>	2	2	2	2	2	2
<b>Need (Demand - Current Supply)</b>	0	0	0	0	0	0
<b>Water Management Strategies</b>						
None						
<b>Total Water Management Strategies</b>	0	0	0	0	0	0
<b>Reserve (Shortage)</b>	0	0	0	0	0	0

**Table C-179  
Jack County Mining**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>1,555</b>	<b>1,745</b>	<b>1,698</b>	<b>1,731</b>	<b>1,768</b>	<b>1,862</b>
<b>Currently Available Water Supplies</b>						
Other Aquifer	204	204	204	204	204	204
Local Supplies	370	370	370	370	370	370
<b>Total Current Supplies</b>	<b>574</b>	<b>574</b>	<b>574</b>	<b>574</b>	<b>574</b>	<b>574</b>
<b>Need (Demand - Current Supply)</b>	<b>981</b>	<b>1,171</b>	<b>1,124</b>	<b>1,157</b>	<b>1,194</b>	<b>1,288</b>
<b>Water Management Strategies</b>						
Jacksboro Indirect Reuse to Mining	330	342	348	351	356	359
Tarrant Regional Water District	401	579	526	556	588	679
<b>Total Water Management Strategies</b>	<b>731</b>	<b>921</b>	<b>874</b>	<b>907</b>	<b>944</b>	<b>1,038</b>
<b>Reserve (Shortage)</b>	<b>-250</b>	<b>-250</b>	<b>-250</b>	<b>-250</b>	<b>-250</b>	<b>-250</b>

**Table C-180  
Jack County Other**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>4,307</b>	<b>4,598</b>	<b>4,778</b>	<b>4,873</b>	<b>4,943</b>	<b>4,988</b>
<b>Projected Water Demand in Region C</b>						
Municipal Demand	482	495	500	502	508	512
<b>Total Projected Water Demand</b>	<b>482</b>	<b>495</b>	<b>500</b>	<b>502</b>	<b>508</b>	<b>512</b>
<b>Currently Available Water Supplies</b>						
Other Aquifer	495	495	495	495	495	495
<b>Total Current Supplies</b>	<b>495</b>	<b>495</b>	<b>495</b>	<b>495</b>	<b>495</b>	<b>495</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>7</b>	<b>13</b>	<b>17</b>
<b>Water Management Strategies</b>						
Water Conservation	4	6	5	7	8	10
Jacksboro (Lost Creek/Jacksboro system)	7	7	7	7	7	7
Walnut Creek SUD	48	49	49	50	50	51
<b>Total Water Management Strategies</b>	<b>59</b>	<b>62</b>	<b>61</b>	<b>64</b>	<b>65</b>	<b>68</b>
<b>Reserve (Shortage)</b>	<b>72</b>	<b>62</b>	<b>56</b>	<b>57</b>	<b>52</b>	<b>51</b>

**Table C-181  
Jack County Steam Electric Power**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>2,665</b>	<b>2,879</b>	<b>3,092</b>	<b>3,305</b>	<b>3,518</b>	<b>3,745</b>
<b>Currently Available Water Supplies</b>						
Tarrant Regional Water District	2,665	2,620	2,487	2,349	2,230	2,119
<b>Total Current Supplies</b>	<b>2,665</b>	<b>2,620</b>	<b>2,487</b>	<b>2,349</b>	<b>2,230</b>	<b>2,119</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>259</b>	<b>605</b>	<b>956</b>	<b>1,288</b>	<b>1,626</b>
<b>Water Management Strategies</b>						
Additional Tarrant Regional WD	0	259	605	956	1,288	1,626
<b>Total Water Management Strategies</b>	<b>0</b>	<b>259</b>	<b>605</b>	<b>956</b>	<b>1,288</b>	<b>1,626</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-182  
Jacksboro**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>4,863</b>	<b>5,191</b>	<b>5,395</b>	<b>5,503</b>	<b>5,581</b>	<b>5,631</b>
<b>Projected Water Demand</b>						
Municipal Demand	681	706	719	725	734	740
Jack County Other	7	7	7	7	7	7
Jack County Manufacturing	1	1	1	1	1	1
Jack County Mining (Reuse Demand)	330	342	348	351	356	359
<b>Total Projected Demand</b>	<b>1,019</b>	<b>1,056</b>	<b>1,075</b>	<b>1,084</b>	<b>1,098</b>	<b>1,107</b>
<b>Currently Available Water Supplies</b>						
Lost Creek/Jacksboro system (limited by WTP Capacity of 1.3 MGD)	734	734	734	734	734	734
<b>Total Current Supplies</b>	<b>734</b>	<b>734</b>	<b>734</b>	<b>734</b>	<b>734</b>	<b>734</b>
<b>Need (Demand - Current Supply)</b>	<b>285</b>	<b>322</b>	<b>341</b>	<b>350</b>	<b>364</b>	<b>373</b>
<b>Water Management Strategies</b>						
Water Conservation	6	8	7	10	12	15
Jacksboro Indirect Reuse to Mining	330	342	348	351	356	359
<b>Total Water Management Strategies</b>	<b>336</b>	<b>350</b>	<b>355</b>	<b>361</b>	<b>368</b>	<b>374</b>
<b>Reserve (Shortage)</b>	<b>51</b>	<b>28</b>	<b>14</b>	<b>11</b>	<b>4</b>	<b>1</b>

**Table C-183  
Johnson County Special Utility District (Region C &G)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>39,845</b>	<b>45,919</b>	<b>52,179</b>	<b>59,015</b>	<b>66,375</b>	<b>74,235</b>
<b>Projected Water Demand</b>						
Municipal Demand	5,134	5,735	6,389	7,155	8,027	8,970
<b>Total Projected Region C Demand</b>	<b>5,134</b>	<b>5,735</b>	<b>6,389</b>	<b>7,155</b>	<b>8,027</b>	<b>8,970</b>
<b>Currently Available Water Supplies</b>						
Mansfield (TRWD)	6,887	6,304	5,633	4,720	4,262	3,860
BRA Lake Granbury	276	304	334	368	405	444
<b>Total Current Supplies</b>	<b>7,163</b>	<b>6,608</b>	<b>5,967</b>	<b>5,088</b>	<b>4,667</b>	<b>4,304</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>422</b>	<b>2,067</b>	<b>3,360</b>	<b>4,666</b>
<b>Water Management Strategies</b>						
Water Conservation	2	4	4	5	7	10
Additional Supply from Mansfield	3,202	3,785	4,456	5,369	5,827	6,229
Grand Prairie (multiple sources)	6,726	6,726	6,726	6,726	6,726	6,726
<b>Total Water Management Strategies</b>	<b>9,930</b>	<b>10,515</b>	<b>11,186</b>	<b>12,100</b>	<b>12,560</b>	<b>12,965</b>
<b>Available for Brazos G Region</b>	<b>11,959</b>	<b>11,388</b>	<b>10,764</b>	<b>10,033</b>	<b>9,200</b>	<b>8,299</b>

**Table C-184  
Josephine (Region C and D)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>1,859</b>	<b>2,906</b>	<b>3,953</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	278	424	573	722	722	722
<b>Total Projected Demand</b>	<b>278</b>	<b>424</b>	<b>573</b>	<b>722</b>	<b>722</b>	<b>722</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District	238	299	367	427	400	370
<b>Total Current Supplies</b>	<b>238</b>	<b>299</b>	<b>367</b>	<b>427</b>	<b>400</b>	<b>370</b>
<b>Need (Demand - Current Supply)</b>	<b>40</b>	<b>125</b>	<b>206</b>	<b>295</b>	<b>322</b>	<b>352</b>
<b>Water Management Strategies</b>						
Water Conservation	2	4	5	9	11	13
Additional Water from NTMWD	38	121	201	286	311	339
<b>Total Water Management Strategies</b>	<b>40</b>	<b>125</b>	<b>206</b>	<b>295</b>	<b>322</b>	<b>352</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-185**

**Justin**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>4,650</b>	<b>8,325</b>	<b>12,000</b>	<b>12,000</b>	<b>12,000</b>	<b>12,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	695	1,212	1,733	1,729	1,728	1,727
<b>Total Projected Demand</b>	<b>695</b>	<b>1,212</b>	<b>1,733</b>	<b>1,729</b>	<b>1,728</b>	<b>1,727</b>
<b>Currently Available Water Supplies</b>						
Upper Trinity Regional Water District	209	603	819	674	621	544
Trinity Aquifer	242	242	242	242	242	242
<b>Total Current Supplies</b>	<b>451</b>	<b>845</b>	<b>1,061</b>	<b>916</b>	<b>863</b>	<b>786</b>
<b>Need (Demand - Current Supply)</b>	<b>244</b>	<b>367</b>	<b>672</b>	<b>813</b>	<b>865</b>	<b>941</b>
<b>Water Management Strategies</b>						
Water Conservation	6	12	17	23	29	35
New well	244	244	244	244	244	244
Additional Water from UTRWD	0	160	508	694	787	857
<b>Total Water Management Strategies</b>	<b>250</b>	<b>416</b>	<b>769</b>	<b>961</b>	<b>1,060</b>	<b>1,136</b>
<b>Reserve (Shortage)</b>	<b>6</b>	<b>49</b>	<b>97</b>	<b>148</b>	<b>195</b>	<b>195</b>

**Table C-186**

**Kaufman**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population In City Only</b>	<b>8,000</b>	<b>10,000</b>	<b>12,500</b>	<b>18,890</b>	<b>24,445</b>	<b>30,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	990	1,184	1,442	2,151	2,777	3,406
Kaufman County Other	22	31	169	441	1,332	2,022
<b>Total Projected Demand</b>	<b>1,012</b>	<b>1,215</b>	<b>1,611</b>	<b>2,592</b>	<b>4,109</b>	<b>5,428</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District	912	907	1,018	1,432	1,733	1,967
NTWMD for Kaufman Co Other	19	22	102	232	733	1,043
<b>Total Current Supplies</b>	<b>931</b>	<b>929</b>	<b>1,121</b>	<b>1,664</b>	<b>2,466</b>	<b>3,010</b>
<b>Need (Demand - Current Supply)</b>	<b>81</b>	<b>285</b>	<b>490</b>	<b>927</b>	<b>1,643</b>	<b>2,418</b>
<b>Water Management Strategies</b>						
Water Conservation	8	13	14	29	46	68
Additional Water from NTMWD	70	264	410	690	998	1,371
Add'l NTMWD for Kaufman Co Other	3	8	67	208	599	979
<b>Total Water Management Strategies</b>	<b>81</b>	<b>285</b>	<b>490</b>	<b>927</b>	<b>1,643</b>	<b>2,418</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-187  
Kaufman County Irrigation**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>179</b>	<b>179</b>	<b>179</b>	<b>179</b>	<b>179</b>	<b>179</b>
<b>Currently Available Water Supplies</b>						
Tarrant Regional WD (Cedar Creek)	425	387	342	302	269	240
Direct Reuse	547	650	758	758	758	758
North Texas MWD Reuse	0	0	0	0	0	0
Local Supplies	64	64	64	64	64	64
Nacatoch Aquifer	89	89	89	89	89	89
Trinity Aquifer	0	0	0	0	0	0
<b>Total Current Supplies</b>	<b>1,125</b>	<b>1,189</b>	<b>1,252</b>	<b>1,213</b>	<b>1,180</b>	<b>1,151</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Additional Water from TRWD	0	38	83	123	156	185
<b>Total Water Management Strategies</b>	<b>0</b>	<b>38</b>	<b>83</b>	<b>123</b>	<b>156</b>	<b>185</b>
<b>Reserve (Shortage)</b>	<b>946</b>	<b>1,049</b>	<b>1,157</b>	<b>1,157</b>	<b>1,157</b>	<b>1,157</b>

**Table C-188  
Kaufman County Livestock**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>1,717</b>	<b>1,717</b>	<b>1,717</b>	<b>1,717</b>	<b>1,717</b>	<b>1,717</b>
<b>Currently Available Water Supplies</b>						
Nacatoch Aquifer	100	100	100	100	100	100
Local Supplies	1,622	1,622	1,622	1,622	1,622	1,622
<b>Total Current Supplies</b>	<b>1,722</b>	<b>1,722</b>	<b>1,722</b>	<b>1,722</b>	<b>1,722</b>	<b>1,722</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
None						
<b>Total Water Management Strategies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Reserve (Shortage)</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>

**Table C-189  
Kaufman County Manufacturing**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>813</b>	<b>869</b>	<b>928</b>	<b>993</b>	<b>1,061</b>	<b>1,134</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	487	487	487	487	487	487
North Texas Municipal Water District (through Terrell, Forney, and Kaufman)	749	666	632	609	589	568
<b>Total Current Supplies</b>	<b>1,236</b>	<b>1,153</b>	<b>1,119</b>	<b>1,096</b>	<b>1,076</b>	<b>1,055</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>79</b>
<b>Water Management Strategies</b>						
Water Conservation	0	2	20	28	30	32
Additional water from NTMWD	64	201	276	356	442	534
<b>Total Water Management Strategies</b>	<b>64</b>	<b>203</b>	<b>296</b>	<b>384</b>	<b>472</b>	<b>566</b>
<b>Reserve (Shortage)</b>	<b>487</b>	<b>487</b>	<b>487</b>	<b>487</b>	<b>487</b>	<b>487</b>

**Table C-190  
Kaufman County Mining**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>296</b>	<b>386</b>	<b>491</b>	<b>646</b>	<b>783</b>	<b>951</b>
<b>Currently Available Water Supplies</b>						
Local Supplies	86	86	86	86	86	86
Trinity Aquifer	350	350	350	350	350	350
<b>Total Current Supplies</b>	<b>436</b>	<b>436</b>	<b>436</b>	<b>436</b>	<b>436</b>	<b>436</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>55</b>	<b>210</b>	<b>347</b>	<b>515</b>
<b>Water Management Strategies</b>						
Trinity Aquifer New wells	0	0	344	344	344	344
Connect to and Purchase water from NTMWD	0	0	0	0	3	171
<b>Total Water Management Strategies</b>	<b>0</b>	<b>0</b>	<b>344</b>	<b>344</b>	<b>347</b>	<b>515</b>
<b>Reserve (Shortage)</b>	<b>140</b>	<b>50</b>	<b>289</b>	<b>134</b>	<b>0</b>	<b>0</b>

**Table C-191  
Kaufman County Other**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>15,829</b>	<b>17,093</b>	<b>24,432</b>	<b>38,000</b>	<b>65,000</b>	<b>90,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	1,742	1,835	2,565	3,949	6,730	9,310
<b>Total Projected Water Demand</b>	<b>1,742</b>	<b>1,835</b>	<b>2,565</b>	<b>3,949</b>	<b>6,730</b>	<b>9,310</b>
<b>Currently Available Water Supplies</b>						
Nacatoch Aquifer	736	736	736	736	736	736
Woodbine Aquifer	200	200	200	200	200	200
DWU (through Combine WSC thru Seagoville)	156	144	172	224	288	309
North Texas Municipal Water District	313	298	599	1,123	2,450	3,408
Tarrant Regional Water District (thru Mabank)	183	194	201	179	143	114
<b>Total Current Supplies</b>	<b>1,588</b>	<b>1,572</b>	<b>1,908</b>	<b>2,461</b>	<b>3,817</b>	<b>4,767</b>
<b>Need (Demand - Current Supply)</b>	<b>155</b>	<b>263</b>	<b>657</b>	<b>1,488</b>	<b>2,913</b>	<b>4,543</b>
<b>Water Management Strategies</b>						
Water Conservation	15	21	26	53	112	186
Additional Water from DWU	94	116	198	347	690	1,043
Additional Water from NTMWD	47	106	382	976	1,928	3,067
Additional Water from TRWD (thru Mabank)	0	22	52	115	189	256
Water from TRWD w/ new delivery and treatment facilities (0.8 MGD)	86	91	127	194	331	457
<b>Total Water Management Strategies</b>	<b>242</b>	<b>355</b>	<b>785</b>	<b>1,685</b>	<b>3,250</b>	<b>5,009</b>
<b>Reserve (Shortage)</b>	<b>87</b>	<b>92</b>	<b>128</b>	<b>197</b>	<b>337</b>	<b>466</b>

**Table C-192  
Kaufman County Steam Electric Power**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>8,000</b>	<b>8,000</b>	<b>8,000</b>	<b>8,000</b>	<b>8,000</b>	<b>8,000</b>
<b>Currently Available Water Supplies</b>						
Reuse from Garland (through Forney)	8,979	8,979	8,979	8,979	8,979	8,979
NTMWD treated water (through Forney)	1,033	859	792	746	699	647
<b>Total Current Supplies</b>	<b>10,012</b>	<b>9,838</b>	<b>9,771</b>	<b>9,725</b>	<b>9,678</b>	<b>9,626</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Add'l NTMWD treated water	88	262	329	375	422	474
TRA Reuse	1,000	1,000	1,000	1,000	1,000	1,000
<b>Total Water Management Strategies</b>	<b>1,088</b>	<b>1,262</b>	<b>1,329</b>	<b>1,375</b>	<b>1,422</b>	<b>1,474</b>
<b>Reserve (Shortage)</b>	<b>3,100</b>	<b>3,100</b>	<b>3,100</b>	<b>3,100</b>	<b>3,100</b>	<b>3,100</b>



Table C-193

## Keller

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>47,663</b>	<b>51,310</b>	<b>51,310</b>	<b>51,310</b>	<b>51,310</b>	<b>51,310</b>
<b>Projected Water Demand</b>						
Municipal Demand	12,182	12,981	12,906	12,862	12,847	12,846
<b>Total Projected Demand</b>	<b>12,182</b>	<b>12,981</b>	<b>12,906</b>	<b>12,862</b>	<b>12,847</b>	<b>12,846</b>
<b>Currently Available Water Supplies</b>						
Fort Worth (TRWD)	11,595	10,469	8,822	7,917	7,237	6,653
<b>Total Current Supplies</b>	<b>11,595</b>	<b>10,469</b>	<b>8,822</b>	<b>7,917</b>	<b>7,237</b>	<b>6,653</b>
<b>Need (Demand - Current Supply)</b>	<b>587</b>	<b>2,512</b>	<b>4,084</b>	<b>4,945</b>	<b>5,610</b>	<b>6,193</b>
<b>Water Management Strategies</b>						
Water Conservation	223	342	387	429	471	514
Add'l Water from Fort Worth; Expand PS & Pipeline	364	2,170	3,697	4,516	5,139	5,679
<b>Total Water Management Strategies</b>	<b>587</b>	<b>2,512</b>	<b>4,084</b>	<b>4,945</b>	<b>5,610</b>	<b>6,193</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Table C-194

## Kemp

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>1,734</b>	<b>2,172</b>	<b>2,674</b>	<b>3,252</b>	<b>5,000</b>	<b>7,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	308	376	456	551	845	1,182
<b>Total Projected Demand</b>	<b>308</b>	<b>376</b>	<b>456</b>	<b>551</b>	<b>845</b>	<b>1,182</b>
<b>Currently Available Water Supplies</b>						
West Cedar Creek Municipal Utility District (TRWD)	269	292	315	332	380	394
<b>Total Current Supplies</b>	<b>269</b>	<b>292</b>	<b>315</b>	<b>332</b>	<b>380</b>	<b>394</b>
<b>Need (Demand - Current Supply)</b>	<b>39</b>	<b>84</b>	<b>141</b>	<b>219</b>	<b>465</b>	<b>788</b>
<b>Water Management Strategies</b>						
Water Conservation	11	30	38	48	76	111
Additional Water from WCCMUD	28	54	103	171	389	677
<b>Total Water Management Strategies</b>	<b>39</b>	<b>84</b>	<b>141</b>	<b>219</b>	<b>465</b>	<b>788</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-195  
Kennedale**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>8,000</b>	<b>9,200</b>	<b>10,824</b>	<b>11,303</b>	<b>11,626</b>	<b>11,626</b>
<b>Projected Water Demand</b>						
Municipal Demand	1,413	1,588	1,840	1,909	1,961	1,961
Tarrant County Manufacturing	102	118	135	150	162	176
<b>Total Projected Demand</b>	<b>1,515</b>	<b>1,706</b>	<b>1,975</b>	<b>2,059</b>	<b>2,123</b>	<b>2,137</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	1,221	1,221	1,221	1,221	1,221	1,221
Fort Worth (TRWD)	350	438	543	532	516	474
<b>Total Current Supplies</b>	<b>1,571</b>	<b>1,659</b>	<b>1,764</b>	<b>1,753</b>	<b>1,737</b>	<b>1,695</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>47</b>	<b>211</b>	<b>306</b>	<b>386</b>	<b>442</b>
<b>Water Management Strategies</b>						
Water Conservation	12	34	46	64	72	78
Additional Fort Worth	6	71	206	268	328	364
<i>Increase delivery infrastructure from Ft Worth</i>	<i>0</i>	<i>0</i>	<i>188</i>	<i>239</i>	<i>283</i>	<i>277</i>
Water from Arlington (TRWD); initial connection	280	280	280	280	280	280
<b>Total Water Management Strategies</b>	<b>298</b>	<b>385</b>	<b>532</b>	<b>612</b>	<b>680</b>	<b>722</b>
<b>Reserve (Shortage)</b>	<b>354</b>	<b>338</b>	<b>321</b>	<b>306</b>	<b>294</b>	<b>280</b>

**Table C-196  
Kentucky Town Water Supply Corporation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>2,945</b>	<b>3,532</b>	<b>4,111</b>	<b>4,776</b>	<b>6,000</b>	<b>7,500</b>
<b>Projected Water Demand</b>						
Municipal Demand	367	424	482	554	693	865
<b>Total Projected Demand</b>	<b>367</b>	<b>424</b>	<b>482</b>	<b>554</b>	<b>693</b>	<b>865</b>
<b>Currently Available Water Supplies</b>						
Woodbine Aquifer	865	865	865	865	865	865
<b>Total Current Supplies</b>	<b>865</b>	<b>865</b>	<b>865</b>	<b>865</b>	<b>865</b>	<b>865</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	3	5	5	7	12	17
Grayson County Water Supply Project (Sherman WTP)	0	0	95	93	88	83
<b>Total Water Management Strategies</b>	<b>3</b>	<b>5</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>Reserve (Shortage)</b>	<b>501</b>	<b>446</b>	<b>483</b>	<b>411</b>	<b>272</b>	<b>100</b>

**Table C-197  
Kerens**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	1,741	1,919	2,104	2,314	2,534	2,768
<b>Projected Water Demand</b>						
Municipal Demand	206	218	231	252	275	300
<b>Total Projected Demand</b>	<b>206</b>	<b>218</b>	<b>231</b>	<b>252</b>	<b>275</b>	<b>300</b>
<b>Currently Available Water Supplies</b>						
Corsicana	206	141	139	136	130	122
<b>Total Current Supplies</b>	<b>206</b>	<b>141</b>	<b>139</b>	<b>136</b>	<b>130</b>	<b>122</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>77</b>	<b>92</b>	<b>116</b>	<b>145</b>	<b>178</b>
<b>Water Management Strategies</b>						
Water Conservation	2	2	2	3	5	6
Additional Water from Corsicana	0	75	90	113	140	172
<b>Total Water Management Strategies</b>	<b>2</b>	<b>77</b>	<b>92</b>	<b>116</b>	<b>145</b>	<b>178</b>
<b>Reserve (Shortage)</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-198  
Krugerville**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	1,986	2,437	2,889	3,440	3,440	3,440
<b>Projected Water Demand</b>						
Municipal Demand	263	315	368	435	434	434
<b>Total Projected Demand</b>	<b>263</b>	<b>315</b>	<b>368</b>	<b>435</b>	<b>434</b>	<b>434</b>
<b>Currently Available Water Supplies</b>						
Mustang Special Utility District (UTRWD and Groundwater)	306	288	267	254	230	207
<b>Total Current Supplies</b>	<b>306</b>	<b>288</b>	<b>267</b>	<b>254</b>	<b>230</b>	<b>207</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>27</b>	<b>101</b>	<b>181</b>	<b>204</b>	<b>227</b>
<b>Water Management Strategies</b>						
Water Conservation	2	3	4	6	7	9
Additional Water from Mustang SUD	0	24	97	175	197	218
<b>Total Water Management Strategies</b>	<b>2</b>	<b>27</b>	<b>101</b>	<b>181</b>	<b>204</b>	<b>227</b>
<b>Reserve (Shortage)</b>	<b>45</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-199**  
**Krum**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	5,195	6,453	7,957	9,637	11,603	13,848
<b>Projected Water Demand</b>						
Municipal Demand	1,154	1,414	1,731	2,089	2,512	2,997
<b>Total Projected Demand</b>	<b>1,154</b>	<b>1,414</b>	<b>1,731</b>	<b>2,089</b>	<b>2,512</b>	<b>2,997</b>
<b>Currently Available Water Supplies</b>						
Upper Trinity Regional Water District	707	787	836	861	970	1,035
Trinity Aquifer	448	448	448	448	448	448
<b>Total Current Supplies</b>	<b>1,155</b>	<b>1,235</b>	<b>1,284</b>	<b>1,309</b>	<b>1,418</b>	<b>1,483</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>179</b>	<b>447</b>	<b>780</b>	<b>1,094</b>	<b>1,514</b>
<b>Water Management Strategies</b>						
Water Conservation	21	36	52	70	92	120
Additional Water from UTRWD	0	189	485	847	1,183	1,575
Additional Groundwater (new well)	577	707	866	1,025	1,025	1,025
<b>Total Water Management Strategies</b>	<b>598</b>	<b>932</b>	<b>1,402</b>	<b>1,942</b>	<b>2,300</b>	<b>2,720</b>
<b>Reserve (Shortage)</b>	<b>599</b>	<b>753</b>	<b>955</b>	<b>1,162</b>	<b>1,206</b>	<b>1,206</b>

**Table C-200**  
**Ladonia**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	1,600	2,000	2,200	2,500	3,000	3,000
<b>Projected Water Demand</b>						
Municipal Demand	120	144	155	175	210	209
<b>Total Projected Demand</b>	<b>120</b>	<b>144</b>	<b>155</b>	<b>175</b>	<b>210</b>	<b>209</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	120	120	120	120	120	120
<b>Total Current Supplies</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>24</b>	<b>35</b>	<b>55</b>	<b>90</b>	<b>89</b>
<b>Water Management Strategies</b>						
Water Conservation	1	2	2	2	4	4
Upper Trinity Regional Water District (Ralph Hall Lake); Connect; WTP	0	34	57	89	134	133
<b>Total Water Management Strategies</b>	<b>1</b>	<b>36</b>	<b>59</b>	<b>91</b>	<b>138</b>	<b>137</b>
<b>Reserve (Shortage)</b>	<b>1</b>	<b>12</b>	<b>24</b>	<b>36</b>	<b>48</b>	<b>48</b>

**Table C-201  
Lake Dallas**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>7,782</b>	<b>8,603</b>	<b>9,933</b>	<b>9,933</b>	<b>9,933</b>	<b>9,933</b>
<b>Projected Water Demand</b>						
Municipal Demand	1,096	1,181	1,339	1,329	1,326	1,326
<b>Total Projected Demand</b>	<b>1,096</b>	<b>1,181</b>	<b>1,339</b>	<b>1,329</b>	<b>1,326</b>	<b>1,326</b>
<b>Currently Available Water Supplies</b>						
Lake Cities Municipal Utility Authority (Groundwater)	182	182	182	182	182	182
Lake Cities Municipal Utility Authority (UTRWD)	913	794	729	591	532	468
<b>Total Current Supplies</b>	<b>1,095</b>	<b>976</b>	<b>910</b>	<b>772</b>	<b>714</b>	<b>650</b>
<b>Need (Demand - Current Supply)</b>	<b>1</b>	<b>205</b>	<b>429</b>	<b>557</b>	<b>612</b>	<b>676</b>
<b>Water Management Strategies</b>						
Water Conservation	9	13	13	18	22	27
Additional Water from Lake Cities MUA	0	210	451	593	663	722
<b>Total Water Management Strategies</b>	<b>9</b>	<b>223</b>	<b>464</b>	<b>611</b>	<b>685</b>	<b>749</b>
<b>Reserve (Shortage)</b>	<b>8</b>	<b>18</b>	<b>36</b>	<b>55</b>	<b>73</b>	<b>73</b>

**Table C-202  
Lake Kiowa Special Utility District**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>2,209</b>	<b>2,247</b>	<b>2,286</b>	<b>2,325</b>	<b>2,363</b>	<b>2,363</b>
<b>Projected Water Demand</b>						
Municipal Demand	786	790	800	813	826	826
<b>Total Projected Demand</b>	<b>786</b>	<b>790</b>	<b>800</b>	<b>813</b>	<b>826</b>	<b>826</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	829	829	829	829	829	829
<b>Total Current Supplies</b>	<b>829</b>	<b>829</b>	<b>829</b>	<b>829</b>	<b>829</b>	<b>829</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	7	9	8	11	14	17
Connect to Gainesville System	0	100	100	100	100	100
<b>Total Water Management Strategies</b>	<b>7</b>	<b>109</b>	<b>108</b>	<b>111</b>	<b>114</b>	<b>117</b>
<b>Reserve (Shortage)</b>	<b>50</b>	<b>148</b>	<b>137</b>	<b>127</b>	<b>117</b>	<b>120</b>

**Table C-203  
Lake Worth**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	5,186	5,831	6,468	7,500	8,800	12,000
<b>Projected Water Demand</b>						
Municipal Demand	1,137	1,248	1,363	1,567	1,836	2,501
<b>Total Projected Demand</b>	<b>1,137</b>	<b>1,248</b>	<b>1,363</b>	<b>1,567</b>	<b>1,836</b>	<b>2,501</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	345	345	345	345	345	345
Fort Worth (TRWD)	754	728	696	752	840	1,117
<b>Total Current Supplies</b>	<b>1,099</b>	<b>1,073</b>	<b>1,041</b>	<b>1,097</b>	<b>1,185</b>	<b>1,462</b>
<b>Need (Demand - Current Supply)</b>	<b>38</b>	<b>175</b>	<b>322</b>	<b>470</b>	<b>651</b>	<b>1,039</b>
<b>Water Management Strategies</b>						
Water Conservation	21	33	41	52	67	100
Additional Water from Fort Worth	17	142	281	418	584	939
<b>Total Water Management Strategies</b>	<b>38</b>	<b>175</b>	<b>322</b>	<b>470</b>	<b>651</b>	<b>1,039</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-204  
Lakeside**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	1,350	1,400	1,450	1,500	1,500	1,500
<b>Projected Water Demand</b>						
Municipal Demand	227	230	234	239	239	239
<b>Total Projected Demand</b>	<b>227</b>	<b>230</b>	<b>234</b>	<b>239</b>	<b>239</b>	<b>239</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	262	262	262	262	262	262
<b>Total Current Supplies</b>	<b>262</b>	<b>262</b>	<b>262</b>	<b>262</b>	<b>262</b>	<b>262</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	2	3	2	3	4	5
<b>Total Water Management Strategies</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Reserve (Shortage)</b>	<b>37</b>	<b>35</b>	<b>30</b>	<b>26</b>	<b>27</b>	<b>28</b>

**Table C-205  
Lakewood Village**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	692	870	1,082	1,319	1,597	1,914
<b>Projected Water Demand</b>						
Municipal Demand	83	102	125	151	182	218
<b>Total Projected Demand</b>	<b>83</b>	<b>102</b>	<b>125</b>	<b>151</b>	<b>182</b>	<b>218</b>
<b>Currently Available Water Supplies</b>						
Woodbine Aquifer	218	218	218	218	218	218
<b>Total Current Supplies</b>	<b>218</b>	<b>218</b>	<b>218</b>	<b>218</b>	<b>218</b>	<b>218</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	1	1	1	2	3	4
Upper Trinity Regional Water District	0	0	0	0	49	84
<b>Total Water Management Strategies</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>52</b>	<b>88</b>
<b>Reserve (Shortage)</b>	<b>136</b>	<b>117</b>	<b>94</b>	<b>69</b>	<b>88</b>	<b>88</b>

**Table C-206  
Lancaster**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	45,184	58,895	69,717	77,649	85,582	93,514
<b>Projected Water Demand</b>						
Municipal Demand	7,686	9,775	11,429	12,659	13,932	15,216
Wilmer (beginning in 2020)	207	242	300	400	600	800
<b>Total Projected Demand</b>	<b>7,893</b>	<b>10,017</b>	<b>11,729</b>	<b>13,059</b>	<b>14,532</b>	<b>16,016</b>
<b>Currently Available Water Supplies</b>						
Dallas Water Utilities	7,243	8,399	8,781	8,974	9,244	9,621
Rockett Special Utility District (TRWD and Midlothian)	62	50	40	34	27	20
<b>Total Current Supplies</b>	<b>7,305</b>	<b>8,449</b>	<b>8,821</b>	<b>9,008</b>	<b>9,271</b>	<b>9,641</b>
<b>Need (Demand - Current Supply)</b>	<b>588</b>	<b>1,568</b>	<b>2,908</b>	<b>4,051</b>	<b>5,261</b>	<b>6,375</b>
<b>Water Management Strategies</b>						
Water Conservation	145	262	358	439	530	630
Additional DWU	208	1,024	2,200	3,156	4,068	4,875
Additional DWU for Wilmer	207	242	300	400	600	800
Additional Water from Rockett SUD	28	40	50	56	63	70
<b>Total Water Management Strategies</b>	<b>588</b>	<b>1,568</b>	<b>2,908</b>	<b>4,051</b>	<b>5,261</b>	<b>6,375</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-207  
Lavon**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>3,500</b>	<b>4,500</b>	<b>6,885</b>	<b>8,891</b>	<b>20,000</b>	<b>45,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	559	711	1,081	1,392	3,125	7,025
<b>Total Projected Demand</b>	<b>559</b>	<b>711</b>	<b>1,081</b>	<b>1,392</b>	<b>3,125</b>	<b>7,025</b>
<b>Currently Available Water Supplies</b>						
North Texas MWD (Thru Lavon SUD)	515	545	763	927	1,950	4,057
<b>Total Current Supplies</b>	<b>515</b>	<b>545</b>	<b>763</b>	<b>927</b>	<b>1,950</b>	<b>4,057</b>
<b>Need (Demand - Current Supply)</b>	<b>44</b>	<b>166</b>	<b>318</b>	<b>465</b>	<b>1,175</b>	<b>2,968</b>
<b>Water Management Strategies</b>						
Water Conservation	10	18	32	19	52	141
Additional Water from NTMWD	34	148	286	446	1,123	2,827
<b>Total Water Management Strategies</b>	<b>44</b>	<b>166</b>	<b>318</b>	<b>465</b>	<b>1,175</b>	<b>2,968</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-208  
Lavon Special Utility District**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>5,000</b>	<b>6,200</b>	<b>7,819</b>	<b>10,303</b>	<b>18,000</b>	<b>35,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	590	711	881	1,152	2,007	3,897
Lavon	559	711	1,081	1,392	3,125	7,025
<b>Total Projected Demand</b>	<b>1,149</b>	<b>1,422</b>	<b>1,962</b>	<b>2,544</b>	<b>5,132</b>	<b>10,922</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District	544	545	622	767	1,252	2,251
NTMWD for Lavon	515	545	763	927	1,950	4,057
<b>Total Current Supplies</b>	<b>1,059</b>	<b>1,090</b>	<b>1,386</b>	<b>1,694</b>	<b>3,202</b>	<b>6,308</b>
<b>Need (Demand - Current Supply)</b>	<b>90</b>	<b>332</b>	<b>576</b>	<b>850</b>	<b>1,930</b>	<b>4,614</b>
<b>Water Management Strategies</b>						
Water Conservation Lavon SUD	5	8	9	15	33	78
Water Conservation Lavon	10	18	32	19	52	141
Add'l Water from NTMWD Lavon SUD	41	158	250	370	722	1,568
Add'l Water from NTMWD Lavon	34	148	286	446	1,123	2,827
Increase delivery infrastructure from NTWMD?						
<b>Total Water Management Strategies</b>	<b>90</b>	<b>332</b>	<b>576</b>	<b>850</b>	<b>1,930</b>	<b>4,614</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



**Table C-209  
Leonard**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>2,213</b>	<b>2,434</b>	<b>2,602</b>	<b>2,757</b>	<b>2,991</b>	<b>3,245</b>
<b>Projected Water Demand</b>						
Municipal Demand	331	352	368	386	417	452
<b>Total Projected Demand</b>	<b>331</b>	<b>352</b>	<b>368</b>	<b>386</b>	<b>417</b>	<b>452</b>
<b>Currently Available Water Supplies</b>						
Woodbine Aquifer	331	331	331	331	331	331
<b>Total Current Supplies</b>	<b>331</b>	<b>331</b>	<b>331</b>	<b>331</b>	<b>331</b>	<b>331</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>21</b>	<b>37</b>	<b>55</b>	<b>86</b>	<b>121</b>
<b>Water Management Strategies</b>						
Water Conservation	3	4	4	5	7	9
Fannin Co Water Supply Project (NTMWD)	0	148	194	211	240	273
<i>Water System Improvement needed to take delivery of water from Fannin Co WSP</i>	<i>0</i>	<i>148</i>	<i>194</i>	<i>211</i>	<i>240</i>	<i>273</i>
<b>Total Water Management Strategies</b>	<b>3</b>	<b>152</b>	<b>198</b>	<b>216</b>	<b>247</b>	<b>282</b>
<b>Reserve (Shortage)</b>	<b>3</b>	<b>131</b>	<b>161</b>	<b>161</b>	<b>161</b>	<b>161</b>

**Table C-210  
Lewisville**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>107,327</b>	<b>121,924</b>	<b>139,368</b>	<b>158,857</b>	<b>177,356</b>	<b>177,356</b>
<b>Projected Water Demand</b>						
Municipal Demand	20,143	22,441	25,330	28,689	31,974	31,970
Customer Demand (Denton Co FWSD1A)	1,207	2,143	2,566	2,565	2,564	2,564
<b>Total Projected Demand</b>	<b>21,350</b>	<b>24,584</b>	<b>27,896</b>	<b>31,254</b>	<b>34,538</b>	<b>34,534</b>
<b>Currently Available Water Supplies</b>						
Dallas Water Utilities (for Lewisville)	19,207	19,442	19,340	19,551	19,718	19,718
Dallas Water Utilities (Denton Co FWSD1A)	1,151	1,857	1,959	1,748	1,581	1,581
<b>Total Current Supplies</b>	<b>20,358</b>	<b>21,299</b>	<b>21,299</b>	<b>21,299</b>	<b>21,299</b>	<b>21,299</b>
<b>Need (Demand - Current Supply)</b>	<b>992</b>	<b>3,285</b>	<b>6,597</b>	<b>9,955</b>	<b>13,239</b>	<b>13,235</b>
<b>Water Management Strategies</b>						
Water Conservation	382	619	799	1,004	1,228	1,334
Water Conservation (DCFWS1A)	67	159	233	259	285	311
Additional Water from DWU with treatment improvements below	543	2,507	5,565	8,692	11,726	11,590
<i>6 MGD WTP Expansion-2030</i>		<i>1,386</i>	<i>3,363</i>	<i>3,363</i>	<i>3,363</i>	<i>3,363</i>
<i>6 MGD WTP Expansion-2040</i>			<i>1,081</i>	<i>3,363</i>	<i>3,363</i>	<i>3,363</i>
<i>7 MGD WTP Expansion-2050</i>				<i>845</i>	<i>3,879</i>	<i>3,743</i>
<b>Total Water Management Strategies</b>	<b>992</b>	<b>3,285</b>	<b>6,597</b>	<b>9,955</b>	<b>13,239</b>	<b>13,235</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-211  
Lindsay**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>1,102</b>	<b>1,183</b>	<b>1,245</b>	<b>1,307</b>	<b>2,500</b>	<b>5,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	144	150	154	160	304	605
<b>Total Projected Demand</b>	<b>144</b>	<b>150</b>	<b>154</b>	<b>160</b>	<b>304</b>	<b>605</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	158	158	158	158	158	158
<b>Total Current Supplies</b>	<b>158</b>	<b>158</b>	<b>158</b>	<b>158</b>	<b>158</b>	<b>158</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>146</b>	<b>447</b>
<b>Water Management Strategies</b>						
Water Conservation	1	2	2	2	5	12
Connect to Gainesville System	0	0	0	0	141	435
<b>Total Water Management Strategies</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>146</b>	<b>447</b>
<b>Reserve (Shortage)</b>	<b>15</b>	<b>10</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-212  
Little Elm**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population-Little Elm</b>	<b>29,860</b>	<b>33,821</b>	<b>33,821</b>	<b>33,821</b>	<b>33,821</b>	<b>33,821</b>
<b>Projected Population-Customers</b>	<b>14,390</b>	<b>14,390</b>	<b>14,390</b>	<b>14,390</b>	<b>14,390</b>	<b>14,390</b>
<b>Projected Water Demand</b>						
Municipal Demand	4,108	4,600	4,586	4,574	4,564	4,564
Denton County Other (partial)	1,800	1,800	1,800	1,800	1,800	1,800
<b>Total Projected Demand</b>	<b>5,908</b>	<b>6,400</b>	<b>6,386</b>	<b>6,374</b>	<b>6,364</b>	<b>6,364</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District	3,785	3,525	3,239	3,045	2,847	2,636
NTWMD for Denton Co Other	1,658	1,379	1,271	1,198	1,123	1,040
<b>Total Current Supplies</b>	<b>5,443</b>	<b>4,904</b>	<b>4,510</b>	<b>4,243</b>	<b>3,970</b>	<b>3,675</b>
<b>Need (Demand - Current Supply)</b>	<b>465</b>	<b>1,496</b>	<b>1,876</b>	<b>2,131</b>	<b>2,394</b>	<b>2,689</b>
<b>Water Management Strategies</b>						
Water Conservation	34	51	46	61	76	91
Water Conservation (customer)	8	9	7	8	9	10
Add'l Water from NTMWD	289	1,024	1,301	1,468	1,641	1,837
Add'l Water from NTMWD for Denton Co Other	134	412	522	594	668	750
<b>Total Water Management Strategies</b>	<b>465</b>	<b>1,496</b>	<b>1,876</b>	<b>2,131</b>	<b>2,394</b>	<b>2,689</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-213  
Log Cabin**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>777</b>	<b>834</b>	<b>882</b>	<b>946</b>	<b>1,000</b>	<b>1,054</b>
<b>Projected Water Demand</b>						
Municipal Demand	80	82	84	89	93	98
<b>Total Projected Demand</b>	<b>80</b>	<b>82</b>	<b>84</b>	<b>89</b>	<b>93</b>	<b>98</b>
<b>Currently Available Water Supplies</b>						
Carrizo-Wilcox Aquifer	98	98	98	98	98	98
<b>Total Current Supplies</b>	<b>98</b>	<b>98</b>	<b>98</b>	<b>98</b>	<b>98</b>	<b>98</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	1	1	1	1	2	2
<b>Total Water Management Strategies</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>
<b>Reserve (Shortage)</b>	<b>19</b>	<b>17</b>	<b>15</b>	<b>10</b>	<b>7</b>	<b>2</b>

**Table C-214  
Lowry Crossing**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>2,040</b>	<b>2,446</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	222	257	308	306	305	305
<b>Total Projected Demand</b>	<b>222</b>	<b>257</b>	<b>308</b>	<b>306</b>	<b>305</b>	<b>305</b>
<b>Currently Available Water Supplies</b>						
Milligan WSC (NTMWD)	205	197	218	204	190	176
<b>Total Current Supplies</b>	<b>205</b>	<b>197</b>	<b>218</b>	<b>204</b>	<b>190</b>	<b>176</b>
<b>Need (Demand - Current Supply)</b>	<b>17</b>	<b>60</b>	<b>90</b>	<b>102</b>	<b>115</b>	<b>129</b>
<b>Water Management Strategies</b>						
Water Conservation	2	3	3	4	5	6
Additional Water from Milligan WSC	15	57	87	98	110	123
<b>Total Water Management Strategies</b>	<b>17</b>	<b>60</b>	<b>90</b>	<b>102</b>	<b>115</b>	<b>129</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-215**  
**Lucas**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>7,200</b>	<b>8,200</b>	<b>10,857</b>	<b>12,131</b>	<b>13,406</b>	<b>13,406</b>
<b>Projected Water Demand</b>						
Municipal Demand	2,132	2,406	3,165	3,528	3,896	3,896
<b>Total Projected Demand</b>	<b>2,132</b>	<b>2,406</b>	<b>3,165</b>	<b>3,528</b>	<b>3,896</b>	<b>3,896</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District	1,964	1,844	2,235	2,349	2,431	2,250
<b>Total Current Supplies</b>	<b>1,964</b>	<b>1,844</b>	<b>2,235</b>	<b>2,349</b>	<b>2,431</b>	<b>2,250</b>
<b>Need (Demand - Current Supply)</b>	<b>168</b>	<b>562</b>	<b>930</b>	<b>1,179</b>	<b>1,465</b>	<b>1,646</b>
<b>Water Management Strategies</b>						
Water Conservation	82	204	281	325	373	386
Additional Water from NTMWD	86	358	649	854	1,092	1,260
<b>Total Water Management Strategies</b>	<b>168</b>	<b>562</b>	<b>930</b>	<b>1,179</b>	<b>1,465</b>	<b>1,646</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-216**  
**Luella Special Utility District**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>3,800</b>	<b>4,380</b>	<b>4,952</b>	<b>5,609</b>	<b>6,306</b>	<b>7,055</b>
<b>Projected Water Demand</b>						
Municipal Demand	400	444	490	548	614	687
<b>Total Projected Demand</b>	<b>400</b>	<b>444</b>	<b>490</b>	<b>548</b>	<b>614</b>	<b>687</b>
<b>Currently Available Water Supplies</b>						
Woodbine Aquifer	687	687	687	687	687	687
<b>Total Current Supplies</b>	<b>687</b>	<b>687</b>	<b>687</b>	<b>687</b>	<b>687</b>	<b>687</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	3	5	5	7	10	14
Grayson County Water Supply Project (Sherman WTP)	0	0	195	193	290	286
<b>Total Water Management Strategies</b>	<b>3</b>	<b>5</b>	<b>200</b>	<b>200</b>	<b>300</b>	<b>300</b>
<b>Reserve (Shortage)</b>	<b>290</b>	<b>248</b>	<b>397</b>	<b>339</b>	<b>373</b>	<b>300</b>

**Table C-217  
Mabank**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population (In-city only)</b>	<b>3,950</b>	<b>4,600</b>	<b>5,250</b>	<b>7,396</b>	<b>11,000</b>	<b>16,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	783	896	1,012	1,417	2,103	3,056
Customer Demand (Henderson, Kaufman, & Van Zandt County Other)	410	483	556	636	710	789
<b>Total Projected Demand</b>	<b>1,193</b>	<b>1,379</b>	<b>1,568</b>	<b>2,053</b>	<b>2,813</b>	<b>3,845</b>
<b>Currently Available Water Supplies</b>						
Tarrant Regional Water District, limited to WTP Capacity	783	805	805	862	908	946
TRWD for Customers, limited to WTP capacity	410	450	457	427	381	343
<b>Total Current Supplies</b>	<b>1,193</b>	<b>1,255</b>	<b>1,261</b>	<b>1,289</b>	<b>1,289</b>	<b>1,289</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>124</b>	<b>307</b>	<b>764</b>	<b>1,524</b>	<b>2,556</b>
<b>Water Management Strategies</b>						
Water Conservation	14	23	30	47	77	122
Additional Raw Water Needed from TRWD with treatment as below:	0	101	277	717	1,447	2,434
2 MGD WTP Expansion		67	249	717	1,121	1,121
3 MGD WTP Expansion					326	1,313
Increase delivery infrastructure from Cedar Creek Lake		67	249	717	1,447	2,434
<b>Total Water Management Strategies</b>	<b>14</b>	<b>124</b>	<b>307</b>	<b>764</b>	<b>1,524</b>	<b>2,556</b>
<b>Reserve (Shortage)</b>	<b>14</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-218  
MacBee Special Utility District (Region C Only)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population in Region C</b>	266	333	410	498	601	719
<b>Projected Water Demand in Region C</b>						
Municipal Demand	18	23	28	34	41	49
<b>Total Projected Demand in Region C</b>	<b>18</b>	<b>23</b>	<b>28</b>	<b>34</b>	<b>41</b>	<b>49</b>
<b>Currently Available Water Supplies</b>						
Sabine River Authority (Region D)	18	23	28	34	41	49
<b>Total Current Supplies</b>	<b>18</b>	<b>23</b>	<b>28</b>	<b>34</b>	<b>41</b>	<b>49</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	0	0	0	0	1	1
<b>Total Water Management Strategies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>

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

**Table C-219  
Malakoff**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>2,411</b>	<b>2,491</b>	<b>2,557</b>	<b>2,645</b>	<b>2,800</b>	<b>3,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	272	270	268	272	287	307
Henderson Co Manufacturing Demand	6	6	6	6	7	7
<b>Total Projected Demand</b>	<b>278</b>	<b>276</b>	<b>274</b>	<b>278</b>	<b>294</b>	<b>314</b>
<b>Currently Available Water Supplies</b>						
Carrizo-Wilcox Aquifer	243	243	243	243	242	242
Carrizo-Wilcox Aquifer for Manufacturing	6	6	6	6	7	7
Tarrant Regional Water District	29	25	20	21	29	37
<b>Total Current Supplies</b>	<b>278</b>	<b>274</b>	<b>269</b>	<b>270</b>	<b>278</b>	<b>286</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>2</b>	<b>5</b>	<b>8</b>	<b>16</b>	<b>28</b>
<b>Water Management Strategies</b>						
Water Conservation	2	3	3	4	5	6
Add'l Tarrant Regional WD	0	0	2	4	11	22
<b>Total Water Management Strategies</b>	<b>2</b>	<b>3</b>	<b>5</b>	<b>8</b>	<b>16</b>	<b>28</b>
<b>Reserve (Shortage)</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-220  
Mansfield (Regions C and G)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population (In City Only)</b>	<b>72,000</b>	<b>85,000</b>	<b>102,988</b>	<b>135,573</b>	<b>157,000</b>	<b>180,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	19,728	23,075	27,815	36,508	42,240	48,412
Manufacturing and Customer Demand	17,224	17,288	17,353	17,413	17,464	17,519
<b>Total Projected Demand</b>	<b>36,952</b>	<b>40,363</b>	<b>45,168</b>	<b>53,921</b>	<b>59,704</b>	<b>65,931</b>
<b>Currently Available Water Supplies</b>						
Tarrant Regional Water District (Limited by Treatment Plant Capacity)	25,223	25,223	25,223	25,223	25,223	25,223
<b>Total Current Supplies</b>	<b>25,223</b>	<b>25,223</b>	<b>25,223</b>	<b>25,223</b>	<b>25,223</b>	<b>25,223</b>
<b>Need (Demand - Current Supply)</b>	<b>11,730</b>	<b>15,141</b>	<b>19,946</b>	<b>28,699</b>	<b>34,482</b>	<b>40,709</b>
<b>Water Management Strategies</b>						
Water Conservation (retail)	348	573	794	1,161	1,473	1,838
Water Conservation (wholesale)	127	183	84	114	139	166
Currently available TRWD supply previous unused due to WTP Capacity limit	11,730	11,513	11,112	13,104	12,629	12,086
Additional Raw Water from TRWD	0	2,871	7,956	14,320	20,240	26,619
Infrastructure to treat TRWD water above:						
15 MGD WTP Expansion	8,408	8,408	8,408	8,408	8,408	8,408
20 MGD WTP Expansion-1	3,322	5,977	10,660	11,210	11,210	11,210
20 MGD WTP Expansion-2				7,806	11,210	11,210
16 MGD WTP Expansion					2,042	7,877
<b>Total Water Management Strategies</b>	<b>12,205</b>	<b>15,141</b>	<b>19,946</b>	<b>28,699</b>	<b>34,482</b>	<b>40,709</b>
<b>Reserve (Shortage)</b>	<b>475</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Note: See Appendix H for details on customer demands.

**Table C-221  
Marilee Special Utility District**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	6,410	6,410	6,298	6,298	6,201	6,201
<b>Projected Water Demand</b>						
Municipal Demand	946	931	904	901	886	885
<b>Total Projected Demand</b>	<b>946</b>	<b>931</b>	<b>904</b>	<b>901</b>	<b>886</b>	<b>885</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	946	946	946	946	946	946
Sherman	246	233	209	181	141	98
<b>Total Current Supplies</b>	<b>1,192</b>	<b>1,179</b>	<b>1,155</b>	<b>1,127</b>	<b>1,087</b>	<b>1,044</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	8	11	9	12	15	18
Additional Water from Sherman (Grayson Co WSP)	0	6	32	57	94	134
<b>Total Water Management Strategies</b>	<b>8</b>	<b>17</b>	<b>41</b>	<b>69</b>	<b>109</b>	<b>152</b>
<b>Reserve (Shortage)</b>	<b>254</b>	<b>265</b>	<b>292</b>	<b>295</b>	<b>310</b>	<b>311</b>

**Table C-222  
Maypearl**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	1,128	1,359	1,500	1,500	1,500	1,500
<b>Projected Water Demand</b>						
Municipal Demand	117	135	145	143	143	143
<b>Total Projected Demand</b>	<b>117</b>	<b>135</b>	<b>145</b>	<b>143</b>	<b>143</b>	<b>143</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	55	55	55	55	55	55
Woodbine Aquifer	100	100	100	100	100	100
<b>Total Current Supplies</b>	<b>155</b>	<b>155</b>	<b>155</b>	<b>155</b>	<b>155</b>	<b>155</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	1	1	1	2	2	3
Connect to Waxahachie	116	134	144	141	141	140
<b>Total Water Management Strategies</b>	<b>117</b>	<b>135</b>	<b>145</b>	<b>143</b>	<b>143</b>	<b>143</b>
<b>Reserve (Shortage)</b>	<b>155</b>	<b>155</b>	<b>155</b>	<b>155</b>	<b>155</b>	<b>155</b>



**Table C-223  
McKinney**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>156,924</b>	<b>188,628</b>	<b>274,566</b>	<b>358,000</b>	<b>358,000</b>	<b>358,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	34,365	40,877	59,112	76,866	76,818	76,814
Municipal Customer Demand*	717	735	758	784	817	854
Manufacturing Demand (15% Collin Co)	518	583	648	706	766	832
<b>Total Projected Demand</b>	<b>35,600</b>	<b>42,195</b>	<b>60,518</b>	<b>78,356</b>	<b>78,401</b>	<b>78,500</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District	31,661	31,322	41,748	51,171	47,927	44,361
NTMWD (for Customers)	661	563	535	522	510	493
NTMWD (for Manufacturing)	478	447	458	470	478	481
<b>Total Current Supplies</b>	<b>32,800</b>	<b>32,332</b>	<b>42,742</b>	<b>52,164</b>	<b>48,915</b>	<b>45,335</b>
<b>Need (Demand - Current Supply)</b>	<b>2,801</b>	<b>9,864</b>	<b>17,776</b>	<b>26,192</b>	<b>29,487</b>	<b>33,165</b>
<b>Water Management Strategies</b>						
Water Conservation	755	1,470	2,364	3,327	3,581	3,837
Water Conservation (customers)	18	23	26	29	32	35
Water Conservation (Manufacturing)	0	1	14	20	22	24
Add'l Water from NTMWD	1,949	8,085	15,000	22,368	25,310	28,616
Add'l Water from NTMWD for customers	38	149	197	233	275	326
Add'l Water from NTMWD for Manf	40	135	176	216	266	327
<b>Total Water Management Strategies</b>	<b>2,801</b>	<b>9,864</b>	<b>17,776</b>	<b>26,192</b>	<b>29,487</b>	<b>33,165</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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

**Table C-224  
McLendon-Chisholm**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>1,739</b>	<b>2,188</b>	<b>2,698</b>	<b>3,215</b>	<b>3,792</b>	<b>4,403</b>
<b>Projected Water Demand</b>						
Municipal Demand	330	406	495	587	691	802
<b>Total Projected Demand</b>	<b>330</b>	<b>406</b>	<b>495</b>	<b>587</b>	<b>691</b>	<b>802</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District (through High Point WSC and RCH WSC)	304	311	350	391	431	463
<b>Total Current Supplies</b>	<b>304</b>	<b>311</b>	<b>350</b>	<b>391</b>	<b>431</b>	<b>463</b>
<b>Need (Demand - Current Supply)</b>	<b>26</b>	<b>95</b>	<b>145</b>	<b>196</b>	<b>260</b>	<b>339</b>
<b>Water Management Strategies</b>						
Water Conservation	6	10	15	20	25	32
Additional Water from NTMWD	20	85	130	176	235	307
<b>Total Water Management Strategies</b>	<b>26</b>	<b>95</b>	<b>145</b>	<b>196</b>	<b>260</b>	<b>339</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-225  
Melissa**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	6,978	9,790	13,216	30,000	50,000	75,000
<b>Projected Water Demand</b>						
Municipal Demand	1,535	2,133	2,869	6,493	10,814	16,216
<b>Total Projected Demand</b>	<b>1,535</b>	<b>2,133</b>	<b>2,869</b>	<b>6,493</b>	<b>10,814</b>	<b>16,216</b>
<b>Currently Available Water Supplies</b>						
Woodbine Aquifer	201	201	201	201	201	201
North Texas Municipal Water District (through McKinney)	517	430	396	373	350	324
North Texas Municipal Water District (GTUA Collin-Grayson Municipal Alliance Pipeline)	712	1,051	1,488	3,815	6,271	8,925
<b>Total Current Supplies</b>	<b>1,430</b>	<b>1,681</b>	<b>2,085</b>	<b>4,390</b>	<b>6,822</b>	<b>9,450</b>
<b>Need (Demand - Current Supply)</b>	<b>105</b>	<b>452</b>	<b>784</b>	<b>2,103</b>	<b>3,992</b>	<b>6,766</b>
<b>Water Management Strategies</b>						
Water Conservation	47	81	122	298	532	852
Additional Water from NTMWD (thru McKinney)	44	131	165	188	211	237
Additional Water from NTMWD (GTUA CGMA Pipeline)	14	239	497	1,618	3,249	5,677
<b>Total Water Management Strategies</b>	<b>105</b>	<b>452</b>	<b>784</b>	<b>2,103</b>	<b>3,992</b>	<b>6,766</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-226  
M-E-N Water Supply Corporation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>3,346</b>	<b>3,689</b>	<b>4,044</b>	<b>4,448</b>	<b>4,870</b>	<b>5,321</b>
<b>Projected Water Demand</b>						
Municipal Demand	472	508	548	597	652	712
<b>Total Projected Demand</b>	<b>472</b>	<b>508</b>	<b>548</b>	<b>597</b>	<b>652</b>	<b>712</b>
<b>Currently Available Water Supplies</b>						
Corsicana	472	329	329	321	307	290
<b>Total Current Supplies</b>	<b>472</b>	<b>329</b>	<b>329</b>	<b>321</b>	<b>307</b>	<b>290</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>179</b>	<b>219</b>	<b>276</b>	<b>345</b>	<b>422</b>
<b>Water Management Strategies</b>						
Water Conservation	4	6	5	8	11	14
Additional Water from Corsicana	0	173	214	268	334	408
<i>Increase delivery infrastructure from Corsicana (Upsize Lake Halbert connection)</i>	<i>0</i>	<i>173</i>	<i>214</i>	<i>268</i>	<i>334</i>	<i>408</i>
<b>Total Water Management Strategies</b>	<b>4</b>	<b>179</b>	<b>219</b>	<b>276</b>	<b>345</b>	<b>422</b>
<b>Reserve (Shortage)</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-227  
Mesquite**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>150,000</b>	<b>165,000</b>	<b>186,335</b>	<b>203,166</b>	<b>219,576</b>	<b>236,034</b>
<b>Projected Water Demand</b>						
Municipal Demand	22,344	23,858	26,361	28,441	30,667	32,947
Dallas County Manufacturing	378	412	442	467	470	473
Kaufman County Other	22	31	169	441	666	1,011
<b>Total Projected Demand</b>	<b>22,744</b>	<b>24,301</b>	<b>26,972</b>	<b>29,349</b>	<b>31,803</b>	<b>34,431</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District	20,585	18,281	18,618	18,934	19,133	19,028
NTMWD for manufacturing	348	315	312	311	293	273
NTMWD for Kaufman County Other	19	22	102	232	367	521
<b>Total Current Supplies</b>	<b>20,952</b>	<b>18,618</b>	<b>19,032</b>	<b>19,477</b>	<b>19,793</b>	<b>19,822</b>
<b>Need (Demand - Current Supply)</b>	<b>1,792</b>	<b>5,683</b>	<b>7,940</b>	<b>9,872</b>	<b>12,010</b>	<b>14,609</b>
<b>Water Management Strategies</b>						
Water Conservation	186	271	264	379	511	659
Water Conservation (manufacturing)	0	1	9	13	14	14
Add'l Water from NTMWD	1,573	5,306	7,479	9,128	11,023	13,260
Add'l Water from NTMWD for Manf	30	96	121	143	163	186
Add'l Water from NTMWD for Kaufman Co Other	3	9	67	209	299	490
<b>Total Water Management Strategies</b>	<b>1,792</b>	<b>5,683</b>	<b>7,940</b>	<b>9,872</b>	<b>12,010</b>	<b>14,609</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-228  
Midlothian**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population (In City Only)</b>	<b>18,025</b>	<b>23,643</b>	<b>31,011</b>	<b>37,802</b>	<b>43,871</b>	<b>48,460</b>
<b>Projected Water Demand</b>						
Municipal Demand	4,198	5,429	7,069	8,589	9,956	10,995
Manufacturing and Customer Demand	8,055	8,591	9,213	9,943	10,792	11,770
<b>Total Projected Demand</b>	<b>12,253</b>	<b>14,020</b>	<b>16,282</b>	<b>18,532</b>	<b>20,748</b>	<b>22,765</b>
<b>Currently Available Water Supplies</b>						
Joe Pool Lake (TRA)	5,833	5,712	5,591	5,470	5,349	5,229
TRA (TRWD Sources), limited to WTP Capacity for TRWD supply	4,870	5,045	5,045	5,045	5,045	5,045
<b>Total Current Supplies</b>	<b>10,703</b>	<b>10,757</b>	<b>10,636</b>	<b>10,515</b>	<b>10,394</b>	<b>10,274</b>
<b>Need (Demand - Current Supply)</b>	<b>1,550</b>	<b>3,263</b>	<b>5,646</b>	<b>8,017</b>	<b>10,354</b>	<b>12,491</b>
<b>Water Management Strategies</b>						
Water Conservation (Midlothian)	96	192	285	378	473	560
Water Conservation (customers)	95	93	113	286	644	802
Additional TRA/TRWD with WTP Expansions as below:	1,359	2,978	5,248	7,353	9,237	11,129
<i>Existing WTP capacity</i>	175	0	0	0	0	0
<i>6 MGD WTP Expansion-1</i>	1,184	2,978	3,363	3,363	3,363	3,363
<i>6 MGD WTP Expansion-2</i>			1,885	3,363	3,363	3,363
<i>6 MGD WTP Expansion-3</i>					2,511	3,363
<b>Total Water Management Strategies</b>	<b>1,550</b>	<b>3,263</b>	<b>5,646</b>	<b>8,017</b>	<b>10,354</b>	<b>12,491</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Note: See Appendix H for details on customer demands.

**Table C-229  
Milford**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>775</b>	<b>835</b>	<b>905</b>	<b>987</b>	<b>1,083</b>	<b>1,195</b>
<b>Projected Water Demand</b>						
Municipal Demand	66	67	69	74	80	89
<b>Total Projected Demand</b>	<b>66</b>	<b>67</b>	<b>69</b>	<b>74</b>	<b>80</b>	<b>89</b>
<b>Currently Available Water Supplies</b>						
Woodbine Aquifer	32	32	32	32	32	32
Files Valley Water Supply Corporation (BRA/Aquilla WSC in Region G)	84	84	84	84	84	84
<b>Total Current Supplies</b>	<b>116</b>	<b>116</b>	<b>116</b>	<b>116</b>	<b>116</b>	<b>116</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	1	1	1	1	1	2
<b>Total Water Management Strategies</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>
<b>Reserve (Shortage)</b>	<b>51</b>	<b>50</b>	<b>48</b>	<b>43</b>	<b>37</b>	<b>29</b>

**Table C-230  
Mineral Wells (Region C Only\*)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population in Region C</b>	<b>2,119</b>	<b>2,089</b>	<b>2,055</b>	<b>2,015</b>	<b>1,969</b>	<b>1,915</b>
<b>Projected Water Demand in Region C</b>						
Municipal Demand	346	332	320	310	302	294
<b>Total Projected Demand in Region C</b>	<b>346</b>	<b>332</b>	<b>320</b>	<b>310</b>	<b>302</b>	<b>294</b>
<b>Currently Available Water Supplies</b>						
Palo Pinto County WCID # 1 (Lake Palo Pinto)	346	332	320	310	302	294
<b>Total Current Supplies</b>	<b>346</b>	<b>332</b>	<b>320</b>	<b>310</b>	<b>302</b>	<b>294</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	6	9	3	4	5	6
<b>Total Water Management Strategies</b>	<b>6</b>	<b>9</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
<b>Reserve (Shortage)</b>	<b>6</b>	<b>9</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>

\*The Region C portion is only that population in Parker County. Additional population for Mineral Wells is located in Region G (Palo Pinto County).

**Table C-231**  
**Mount Zion Water Supply Corporation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	1,985	2,497	3,080	3,669	4,327	5,025
<b>Projected Water Demand</b>						
Municipal Demand	395	485	589	698	822	954
<b>Total Projected Demand</b>	<b>395</b>	<b>485</b>	<b>589</b>	<b>698</b>	<b>822</b>	<b>954</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal WD (thru Rockwall)	364	372	416	465	513	551
<b>Total Current Supplies</b>	<b>364</b>	<b>372</b>	<b>416</b>	<b>465</b>	<b>513</b>	<b>551</b>
<b>Need (Demand - Current Supply)</b>	<b>31</b>	<b>113</b>	<b>173</b>	<b>233</b>	<b>309</b>	<b>403</b>
<b>Water Management Strategies</b>						
Water Conservation	7	12	18	23	30	38
Add'l Water from NTMWD thru Rockwall	24	101	155	210	279	365
<b>Total Water Management Strategies</b>	<b>31</b>	<b>113</b>	<b>173</b>	<b>233</b>	<b>309</b>	<b>403</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-232**  
**Mountain Peak Special Utility District (Region C Only)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	7,272	9,183	11,355	13,866	16,782	20,116
<b>Projected Water Demand</b>						
Municipal Demand	1,671	2,109	2,627	3,240	3,971	4,820
<b>Total Projected Demand</b>	<b>1,671</b>	<b>2,109</b>	<b>2,627</b>	<b>3,240</b>	<b>3,971</b>	<b>4,820</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	1,257	1,257	1,257	1,257	1,257	1,257
Midlothian	392	661	845	1,009	1,173	1,347
<b>Total Current Supplies</b>	<b>1,649</b>	<b>1,918</b>	<b>2,102</b>	<b>2,266</b>	<b>2,430</b>	<b>2,604</b>
<b>Need (Demand - Current Supply)</b>	<b>22</b>	<b>191</b>	<b>525</b>	<b>974</b>	<b>1,541</b>	<b>2,216</b>
<b>Water Management Strategies</b>						
Water Conservation	14	22	26	191	551	709
Additional Water from Midlothian	8	169	499	783	990	1,507
Woodbine Aquifer (new wells)	7	7	7	7	7	7
<b>Total Water Management Strategies</b>	<b>29</b>	<b>198</b>	<b>532</b>	<b>981</b>	<b>1,548</b>	<b>2,223</b>
<b>Reserve (Shortage)</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>



**Table C-233**  
**Mountain Spring Water Supply Corporation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>2,709</b>	<b>2,909</b>	<b>3,066</b>	<b>3,221</b>	<b>5,084</b>	<b>8,094</b>
<b>Projected Water Demand</b>						
Municipal Demand	456	480	499	520	816	1,296
<b>Total Projected Demand</b>	<b>456</b>	<b>480</b>	<b>499</b>	<b>520</b>	<b>816</b>	<b>1,296</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	520	520	520	520	520	520
<b>Total Current Supplies</b>	<b>520</b>	<b>520</b>	<b>520</b>	<b>520</b>	<b>520</b>	<b>520</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>296</b>	<b>776</b>
<b>Water Management Strategies</b>						
Water Conservation	4	5	5	7	14	26
Connect to Gainesville	0	0	0	0	282	750
<b>Total Water Management Strategies</b>	<b>4</b>	<b>5</b>	<b>5</b>	<b>7</b>	<b>296</b>	<b>776</b>
<b>Reserve (Shortage)</b>	<b>68</b>	<b>45</b>	<b>26</b>	<b>7</b>	<b>0</b>	<b>0</b>

**Table C-234**  
**Muenster**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>1,550</b>	<b>1,550</b>	<b>1,600</b>	<b>1,600</b>	<b>1,650</b>	<b>1,650</b>
<b>Projected Water Demand</b>						
Municipal Demand	266	259	261	258	265	265
<b>Total Projected Demand</b>	<b>266</b>	<b>259</b>	<b>261</b>	<b>258</b>	<b>265</b>	<b>265</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	283	283	283	283	283	283
<b>Total Current Supplies</b>	<b>283</b>	<b>283</b>	<b>283</b>	<b>283</b>	<b>283</b>	<b>283</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	2	3	5	7	10	11
New 0.5 MGD WTP at Muenster Lake	280	280	280	280	280	280
<b>Total Water Management Strategies</b>	<b>282</b>	<b>283</b>	<b>285</b>	<b>287</b>	<b>290</b>	<b>291</b>
<b>Reserve (Shortage)</b>	<b>299</b>	<b>307</b>	<b>307</b>	<b>312</b>	<b>308</b>	<b>309</b>
<b>Alternate Water Management Strategy</b>						
Connect to Gainesville	280	280	280	280	280	280

**Table C-235  
Murphy**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>23,000</b>	<b>23,000</b>	<b>23,000</b>	<b>23,000</b>	<b>23,000</b>	<b>23,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	5,285	5,253	5,238	5,228	5,222	5,220
<b>Total Projected Demand</b>	<b>5,285</b>	<b>5,253</b>	<b>5,238</b>	<b>5,228</b>	<b>5,222</b>	<b>5,220</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District	4,869	4,025	3,699	3,480	3,258	3,015
<b>Total Current Supplies</b>	<b>4,869</b>	<b>4,025</b>	<b>3,699</b>	<b>3,480</b>	<b>3,258</b>	<b>3,015</b>
<b>Need (Demand - Current Supply)</b>	<b>416</b>	<b>1,228</b>	<b>1,539</b>	<b>1,748</b>	<b>1,964</b>	<b>2,205</b>
<b>Water Management Strategies</b>						
Water Conservation	124	194	210	227	245	262
Additional Water from NTMWD	292	1,034	1,329	1,521	1,719	1,943
<b>Total Water Management Strategies</b>	<b>416</b>	<b>1,228</b>	<b>1,539</b>	<b>1,748</b>	<b>1,964</b>	<b>2,205</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-236  
Mustang Special Utility District**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>						
Outside of Cities	12,500	23,946	35,392	46,838	58,284	69,730
Customer Population	31,631	48,367	50,454	51,299	52,206	50,926
<b>Total Population Served</b>	<b>44,131</b>	<b>72,313</b>	<b>85,846</b>	<b>98,137</b>	<b>110,490</b>	<b>120,656</b>
<b>Projected Water Demand</b>						
Outside of Cities	1,875	3,527	5,190	6,856	8,526	10,196
Customer Demands	5,307	8,627	9,364	9,981	10,530	10,527
<b>Total Projected Demand</b>	<b>7,182</b>	<b>12,154</b>	<b>14,554</b>	<b>16,837</b>	<b>19,056</b>	<b>20,723</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	1,104	1,104	1,104	1,104	1,104	1,104
Woodbine Aquifer	71	71	71	71	71	71
Upper Trinity Regional Water District	6,007	8,626	8,290	7,760	7,928	7,587
<b>Total Current Supplies</b>	<b>7,182</b>	<b>9,801</b>	<b>9,465</b>	<b>8,935</b>	<b>9,103</b>	<b>8,762</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>2,353</b>	<b>5,089</b>	<b>7,902</b>	<b>9,953</b>	<b>11,961</b>
<b>Water Management Strategies</b>						
Water Conservation	16	33	52	91	142	204
Water Conservation (customers)	25	86	111	135	164	185
Additional Water from UTRWD	0	2,351	5,159	8,031	10,117	12,042
<i>Infrastructure to deliver to customers</i>	<i>0</i>	<i>2,351</i>	<i>5,159</i>	<i>8,031</i>	<i>10,117</i>	<i>12,042</i>
<b>Total Water Management Strategies</b>	<b>41</b>	<b>2,470</b>	<b>5,322</b>	<b>8,257</b>	<b>10,423</b>	<b>12,431</b>
<b>Reserve (Shortage)</b>	<b>41</b>	<b>117</b>	<b>233</b>	<b>355</b>	<b>470</b>	<b>470</b>

**Table C-237  
Navarro County Irrigation**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>58</b>	<b>58</b>	<b>58</b>	<b>58</b>	<b>58</b>	<b>58</b>
<b>Currently Available Water Supplies</b>						
Local Supplies	226	226	226	226	226	226
<b>Total Current Supplies</b>	<b>226</b>	<b>226</b>	<b>226</b>	<b>226</b>	<b>226</b>	<b>226</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	0	2	4	5	5	6
<b>Total Water Management Strategies</b>	<b>0</b>	<b>2</b>	<b>4</b>	<b>5</b>	<b>5</b>	<b>6</b>
<b>Reserve (Shortage)</b>	<b>168</b>	<b>170</b>	<b>172</b>	<b>173</b>	<b>173</b>	<b>174</b>

**Table C-238**  
**Navarro County Livestock**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>1,544</b>	<b>1,544</b>	<b>1,544</b>	<b>1,544</b>	<b>1,544</b>	<b>1,544</b>
<b>Currently Available Water Supplies</b>						
Carrizo-Wilcox Aquifer	9	9	9	9	9	9
Livestock Local Supply	1,603	1,603	1,603	1,603	1,603	1,603
Nacatoch Aquifer	10	10	10	10	10	10
<b>Total Current Supplies</b>	<b>1,622</b>	<b>1,622</b>	<b>1,622</b>	<b>1,622</b>	<b>1,622</b>	<b>1,622</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
None						
<b>Total Water Management Strategies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Reserve (Shortage)</b>	<b>78</b>	<b>78</b>	<b>78</b>	<b>78</b>	<b>78</b>	<b>78</b>

**Table C-239**  
**Navarro County Manufacturing**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>1,114</b>	<b>1,249</b>	<b>1,384</b>	<b>1,519</b>	<b>1,654</b>	<b>1,789</b>
<b>Currently Available Water Supplies</b>						
Corsicana	1,109	806	827	814	777	727
Navarro County Other (Winkler WSC)	5	5	4	4	3	3
<b>Total Current Supplies</b>	<b>1,114</b>	<b>811</b>	<b>831</b>	<b>818</b>	<b>780</b>	<b>730</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>438</b>	<b>553</b>	<b>701</b>	<b>874</b>	<b>1,059</b>
<b>Water Management Strategies</b>						
Additional water from Corsicana	0	438	552	700	872	1,057
Additional water from TRWD	0	0	1	1	2	2
<b>Total Water Management Strategies</b>	<b>0</b>	<b>438</b>	<b>553</b>	<b>701</b>	<b>874</b>	<b>1,059</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-240  
Navarro County Mining**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	883	1,071	1,282	1,572	1,806	2,076
<b>Currently Available Water Supplies</b>						
Carrizo-Wilcox Aquifer	6	6	6	6	6	6
Trinity Aquifer	1,100	1,100	1,100	1,100	1,100	1,100
Nacatoch Aquifer	970	970	970	970	970	970
<b>Total Current Supplies</b>	<b>2,076</b>	<b>2,076</b>	<b>2,076</b>	<b>2,076</b>	<b>2,076</b>	<b>2,076</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
None						
<b>Total Water Management Strategies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Reserve (Shortage)</b>	<b>1,193</b>	<b>1,005</b>	<b>794</b>	<b>504</b>	<b>270</b>	<b>0</b>

**Table C-241  
Navarro County Other**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	5,475	5,475	5,475	10,000	20,000	35,000
<b>Projected Water Demand</b>						
Municipal Demand	623	606	593	1,061	2,110	3,685
<b>Total Projected Water Demand</b>	<b>623</b>	<b>606</b>	<b>593</b>	<b>1,061</b>	<b>2,110</b>	<b>3,685</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	200	200	200	200	200	200
Corsicana	374	236	214	343	597	900
Tarrant Regional Water District	54	43	34	163	411	560
<b>Total Current Supplies</b>	<b>628</b>	<b>479</b>	<b>448</b>	<b>706</b>	<b>1,208</b>	<b>1,660</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>127</b>	<b>145</b>	<b>355</b>	<b>902</b>	<b>2,025</b>
<b>Water Management Strategies</b>						
Water Conservation	5	7	6	14	35	74
Additional Water from Corsicana	0	124	138	286	648	1,267
Additional Water from TRWD	0	1	6	60	224	689
<b>Total Water Management Strategies</b>	<b>5</b>	<b>132</b>	<b>150</b>	<b>360</b>	<b>907</b>	<b>2,030</b>
<b>Reserve (Shortage)</b>	<b>10</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>

**Table C-242**  
**Navarro County Steam Electric Power**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>8,000</b>	<b>13,440</b>	<b>13,440</b>	<b>13,440</b>	<b>13,440</b>	<b>13,440</b>
<b>Currently Available Water Supplies</b>						
None	0	0	0	0	0	0
<b>Total Current Supplies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Need (Demand - Current Supply)</b>	<b>8,000</b>	<b>13,440</b>	<b>13,440</b>	<b>13,440</b>	<b>13,440</b>	<b>13,440</b>
<b>Water Management Strategies</b>						
TRWD	8,000	8,000	8,000	8,000	8,000	8,000
Corsicana	0	5,440	5,440	5,440	5,440	5,440
<b>Total Water Management Strategies</b>	<b>8,000</b>	<b>13,440</b>	<b>13,440</b>	<b>13,440</b>	<b>13,440</b>	<b>13,440</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-243**  
**Navarro Mills Water Supply Corporation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>3,308</b>	<b>3,648</b>	<b>3,999</b>	<b>4,398</b>	<b>4,816</b>	<b>5,261</b>
<b>Projected Water Demand</b>						
Municipal Demand	352	373	398	431	470	513
<b>Total Projected Demand</b>	<b>352</b>	<b>373</b>	<b>398</b>	<b>431</b>	<b>470</b>	<b>513</b>
<b>Currently Available Water Supplies</b>						
Corsicana	352	242	239	232	222	209
Woodbine Aquifer	205	205	205	205	205	205
<b>Total Current Supplies</b>	<b>557</b>	<b>447</b>	<b>444</b>	<b>437</b>	<b>427</b>	<b>414</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>43</b>	<b>99</b>
<b>Water Management Strategies</b>						
Water Conservation	3	4	4	6	8	10
Additional Water from Corsicana	0	127	155	193	240	294
Future New well in Woodbine Aquifer				79	79	79
<b>Total Water Management Strategies</b>	<b>3</b>	<b>131</b>	<b>159</b>	<b>278</b>	<b>327</b>	<b>383</b>
<b>Reserve (Shortage)</b>	<b>208</b>	<b>205</b>	<b>205</b>	<b>284</b>	<b>284</b>	<b>284</b>

**Table C-244  
Nevada**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	999	1,217	1,483	6,000	15,000	27,000
<b>Projected Water Demand</b>						
Municipal Demand	96	112	133	528	1,316	2,368
<b>Total Projected Demand</b>	<b>96</b>	<b>112</b>	<b>133</b>	<b>528</b>	<b>1,316</b>	<b>2,368</b>
<b>Currently Available Water Supplies</b>						
Nevada WSC (NTMWD)	88	86	94	352	821	1,368
<b>Total Current Supplies</b>	<b>88</b>	<b>86</b>	<b>94</b>	<b>352</b>	<b>821</b>	<b>1,368</b>
<b>Need (Demand - Current Supply)</b>	<b>8</b>	<b>26</b>	<b>39</b>	<b>176</b>	<b>495</b>	<b>1,000</b>
<b>Water Management Strategies</b>						
Water Conservation	1	1	1	7	22	47
Additional Water from Nevada WSC	7	25	38	169	473	953
<b>Total Water Management Strategies</b>	<b>8</b>	<b>26</b>	<b>39</b>	<b>176</b>	<b>495</b>	<b>1,000</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-245  
New Fairview**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	1,597	1,983	2,379	2,900	3,400	4,000
<b>Projected Water Demand</b>						
Municipal Demand	163	199	236	286	334	392
<b>Total Projected Demand</b>	<b>163</b>	<b>199</b>	<b>236</b>	<b>286</b>	<b>334</b>	<b>392</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	163	163	163	163	163	163
<b>Total Current Supplies</b>	<b>163</b>	<b>163</b>	<b>163</b>	<b>163</b>	<b>163</b>	<b>163</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>36</b>	<b>73</b>	<b>123</b>	<b>171</b>	<b>229</b>
<b>Water Management Strategies</b>						
Water Conservation	1	2	2	4	6	8
Connect to Rhome (from Walnut Ck. SUD from TRWD)	0	34	71	119	165	221
<b>Total Water Management Strategies</b>	<b>1</b>	<b>36</b>	<b>73</b>	<b>123</b>	<b>171</b>	<b>229</b>
<b>Reserve (Shortage)</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-246  
New Hope**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>770</b>	<b>962</b>	<b>1,195</b>	<b>1,445</b>	<b>1,741</b>	<b>2,077</b>
<b>Projected Water Demand</b>						
Municipal Demand	119	143	174	209	251	299
<b>Total Projected Demand</b>	<b>119</b>	<b>143</b>	<b>174</b>	<b>209</b>	<b>251</b>	<b>299</b>
<b>Currently Available Water Supplies</b>						
North Texas MWD (thru N. Collin WSC)	110	110	123	139	157	173
<b>Total Current Supplies</b>	<b>110</b>	<b>110</b>	<b>123</b>	<b>139</b>	<b>157</b>	<b>173</b>
<b>Need (Demand - Current Supply)</b>	<b>9</b>	<b>33</b>	<b>51</b>	<b>70</b>	<b>94</b>	<b>126</b>
<b>Water Management Strategies</b>						
Water Conservation	1	2	2	3	4	6
Additional Water from NTMWD	8	31	49	67	90	120
<b>Total Water Management Strategies</b>	<b>9</b>	<b>33</b>	<b>51</b>	<b>70</b>	<b>94</b>	<b>126</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-247  
Newark**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>1,772</b>	<b>2,339</b>	<b>3,302</b>	<b>4,458</b>	<b>6,216</b>	<b>8,300</b>
<b>Projected Water Demand</b>						
Municipal Demand	195	249	345	462	643	858
<b>Total Projected Demand</b>	<b>195</b>	<b>249</b>	<b>345</b>	<b>462</b>	<b>643</b>	<b>858</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	195	195	195	195	195	195
<b>Total Current Supplies</b>	<b>195</b>	<b>195</b>	<b>195</b>	<b>195</b>	<b>195</b>	<b>195</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>54</b>	<b>150</b>	<b>267</b>	<b>448</b>	<b>663</b>
<b>Water Management Strategies</b>						
Water Conservation	2	3	3	6	11	17
Connect to Rhome (from Walnut Ck. SUD from TRWD)	0	51	147	261	437	646
<b>Total Water Management Strategies</b>	<b>2</b>	<b>54</b>	<b>150</b>	<b>267</b>	<b>448</b>	<b>663</b>
<b>Reserve (Shortage)</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



**Table C-248  
North Collin Water Supply Corporation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>5,319</b>	<b>6,086</b>	<b>7,020</b>	<b>8,019</b>	<b>9,202</b>	<b>10,544</b>
<b>Projected Water Demand</b>						
Municipal Demand	782	871	987	1,117	1,279	1,464
Customer Demand (New Hope)	119	143	174	209	251	299
<b>Total Projected Demand</b>	<b>901</b>	<b>1,014</b>	<b>1,161</b>	<b>1,326</b>	<b>1,530</b>	<b>1,763</b>
<b>Currently Available Water Supplies</b>						
North Texas MWD (part thru McKinney)	720	667	697	744	798	845
North Texas MWD (for New Hope)	110	110	123	139	157	173
<b>Total Current Supplies</b>	<b>830</b>	<b>777</b>	<b>820</b>	<b>883</b>	<b>955</b>	<b>1,018</b>
<b>Need (Demand - Current Supply)</b>	<b>71</b>	<b>237</b>	<b>341</b>	<b>443</b>	<b>575</b>	<b>745</b>
<b>Water Management Strategies</b>						
Water Conservation	7	10	10	15	21	29
Water Conservation (New Hope)	1	2	2	3	4	6
Add'l Water from NTMWD	55	194	280	358	460	590
Add'l Water from NTMWD for New Hope	8	31	49	67	90	120
<b>Total Water Management Strategies</b>	<b>71</b>	<b>237</b>	<b>341</b>	<b>443</b>	<b>575</b>	<b>745</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-249  
North Hunt Special Utility District (Region C Only)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population in Region C</b>	<b>525</b>	<b>577</b>	<b>617</b>	<b>653</b>	<b>709</b>	<b>769</b>
<b>Projected Water Demand in Region C</b>						
Municipal Demand	36	39	42	44	48	52
<b>Total Projected Demand in Region C</b>	<b>36</b>	<b>39</b>	<b>42</b>	<b>44</b>	<b>48</b>	<b>52</b>
<b>Currently Available Water Supplies</b>						
Woodbine Aquifer	52	52	52	52	52	52
<b>Total Current Supplies</b>	<b>52</b>	<b>52</b>	<b>52</b>	<b>52</b>	<b>52</b>	<b>52</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	0	0	0	1	1	1
<b>Total Water Management Strategies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>Reserve (Shortage)</b>	<b>16</b>	<b>13</b>	<b>10</b>	<b>9</b>	<b>5</b>	<b>1</b>

**Table C-250  
North Richland Hills**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population (In City Only)</b>	<b>71,655</b>	<b>77,000</b>	<b>77,000</b>	<b>77,000</b>	<b>77,000</b>	<b>77,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	12,733	13,375	13,172	13,059	13,036	13,034
Customer Demand (Watauga)	2,899	2,794	2,707	2,659	2,650	2,650
<b>Total Projected Demand</b>	<b>15,632</b>	<b>16,169</b>	<b>15,879</b>	<b>15,718</b>	<b>15,686</b>	<b>15,684</b>
<b>Currently Available Water Supplies</b>						
Trinity River Authority (TRWD)	4,244	4,058	3,532	3,094	2,755	2,459
Fort Worth (TRWD)	6,053	6,053	6,053	6,053	6,053	5,872
<b>Total Current Supplies</b>	<b>10,298</b>	<b>10,111</b>	<b>9,585</b>	<b>9,147</b>	<b>8,808</b>	<b>8,331</b>
<b>Need (Demand - Current Supply)</b>	<b>5,334</b>	<b>6,058</b>	<b>6,294</b>	<b>6,571</b>	<b>6,878</b>	<b>7,353</b>
<b>Water Management Strategies</b>						
Water Conservation	233	353	395	435	478	521
Water Conservation customer (Watauga)	24	33	27	35	44	53
Additional Water from TRA	0	283	727	1,114	1,431	1,712
Additional Water from Fort Worth	5,077	5,389	5,145	4,987	4,924	5,067
<i>Increase delivery infrastructure from Fort Worth</i>	<i>5,077</i>	<i>5,389</i>	<i>5,145</i>	<i>4,987</i>	<i>4,924</i>	<i>5,067</i>
<b>Total Water Management Strategies</b>	<b>5,334</b>	<b>6,058</b>	<b>6,294</b>	<b>6,571</b>	<b>6,878</b>	<b>7,353</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

See Appendix H for details on demands.

**Table C-251  
Northlake**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>4,500</b>	<b>17,000</b>	<b>31,010</b>	<b>43,005</b>	<b>55,000</b>	<b>55,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	911	3,402	6,198	8,591	10,986	10,986
Denton Co Manufacturing Demand	14	16	18	20	22	24
<b>Total Projected Demand</b>	<b>925</b>	<b>3,418</b>	<b>6,216</b>	<b>8,611</b>	<b>11,008</b>	<b>11,010</b>
<b>Currently Available Water Supplies</b>						
Woodbine Aquifer	170	170	170	170	170	170
Fort Worth (TRWD)	155	573	906	1,141	1,341	1,233
Fort Worth (TRWD) (for Manufacturing)	14	15	14	14	14	14
Upper Trinity Regional Water District	578	1,960	2,864	3,182	3,644	3,197
<b>Total Current Supplies</b>	<b>917</b>	<b>2,717</b>	<b>3,954</b>	<b>4,507</b>	<b>5,169</b>	<b>4,614</b>
<b>Need (Demand - Current Supply)</b>	<b>8</b>	<b>701</b>	<b>2,262</b>	<b>4,104</b>	<b>5,839</b>	<b>6,396</b>
<b>Water Management Strategies</b>						
Water Conservation	17	78	186	286	403	439
Additional Water from Fort Worth	5	122	380	650	952	1,052
Add'l Water from Fort Worth (for Manf)	0	1	4	5	7	9
Upper Trinity Regional Water District	0	503	1,697	3,167	4,482	4,901
<b>Total Water Management Strategies</b>	<b>22</b>	<b>704</b>	<b>2,267</b>	<b>4,108</b>	<b>5,844</b>	<b>6,402</b>
<b>Reserve (Shortage)</b>	<b>14</b>	<b>4</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>6</b>

**Table C-252  
Oak Grove**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>800</b>	<b>1,000</b>	<b>1,200</b>	<b>1,850</b>	<b>2,500</b>	<b>5,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	75	88	103	157	212	422
<b>Total Projected Demand</b>	<b>75</b>	<b>88</b>	<b>103</b>	<b>157</b>	<b>212</b>	<b>422</b>
<b>Currently Available Water Supplies</b>						
NTMWD	69	67	73	105	132	244
<b>Total Current Supplies</b>	<b>69</b>	<b>67</b>	<b>73</b>	<b>105</b>	<b>132</b>	<b>244</b>
<b>Need (Demand - Current Supply)</b>	<b>6</b>	<b>21</b>	<b>30</b>	<b>52</b>	<b>80</b>	<b>178</b>
<b>Water Management Strategies</b>						
Water Conservation	1	1	1	2	4	8
Additional NTMWD	5	20	29	50	76	170
Increase delivery infrastructure from NTWMD?						
<b>Total Water Management Strategies</b>	<b>6</b>	<b>21</b>	<b>30</b>	<b>52</b>	<b>80</b>	<b>178</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-253  
Oak Leaf**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>1,350</b>	<b>1,500</b>	<b>1,750</b>	<b>2,500</b>	<b>3,700</b>	<b>4,500</b>
<b>Projected Water Demand</b>						
Municipal Demand	155	165	186	262	385	468
<b>Total Projected Demand</b>	<b>155</b>	<b>165</b>	<b>186</b>	<b>262</b>	<b>385</b>	<b>468</b>
<b>Currently Available Water Supplies</b>						
Glenn Heights (DWU)	95	95	101	148	220	263
Rockett Special Utility District (TRWD and Midlothian)	39	30	25	21	16	13
<b>Total Current Supplies</b>	<b>134</b>	<b>125</b>	<b>126</b>	<b>169</b>	<b>236</b>	<b>276</b>
<b>Need (Demand - Current Supply)</b>	<b>21</b>	<b>40</b>	<b>60</b>	<b>93</b>	<b>149</b>	<b>192</b>
<b>Water Management Strategies</b>						
Water Conservation	1	2	2	3	6	9
Additional Water from Glenn Heights	4	13	28	56	104	141
Additional Water from Rockett SUD	16	25	30	34	39	42
<b>Total Water Management Strategies</b>	<b>21</b>	<b>40</b>	<b>60</b>	<b>93</b>	<b>149</b>	<b>192</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-254  
Oak Point**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	8,305	12,586	16,868	21,149	25,430	25,430
<b>Projected Water Demand</b>						
Municipal Demand	1,053	1,572	2,097	2,624	3,153	3,152
<b>Total Projected Demand</b>	<b>1,053</b>	<b>1,572</b>	<b>2,097</b>	<b>2,624</b>	<b>3,153</b>	<b>3,152</b>
<b>Currently Available Water Supplies</b>						
Mustang SUD (Groundwater)	789	1,037	1,148	1,182	1,294	1,135
Mustang SUD (UTRWD)	129	129	129	129	129	129
Trinity Aquifer	264	264	264	264	264	264
<b>Total Current Supplies</b>	<b>1,182</b>	<b>1,430</b>	<b>1,541</b>	<b>1,575</b>	<b>1,687</b>	<b>1,528</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>142</b>	<b>556</b>	<b>1,049</b>	<b>1,466</b>	<b>1,624</b>
<b>Water Management Strategies</b>						
Water Conservation	9	16	21	35	53	63
Additional Water from Mustang SUD	0	152	587	1,094	1,519	1,667
<b>Total Water Management Strategies</b>	<b>9</b>	<b>168</b>	<b>608</b>	<b>1,129</b>	<b>1,572</b>	<b>1,730</b>
<b>Reserve (Shortage)</b>	<b>138</b>	<b>26</b>	<b>52</b>	<b>80</b>	<b>106</b>	<b>106</b>

**Table C-255  
Oakwood (Region C Only)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	40	43	45	47	48	49
<b>Projected Water Demand</b>						
Municipal Demand	7	7	7	7	7	8
<b>Total Projected Demand</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>8</b>
<b>Currently Available Water Supplies</b>	7	7	7	7	7	8
<b>Total Current Supplies</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>8</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
None						
<b>Total Water Management Strategies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-256  
Ovilla**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	4,525	5,791	7,249	8,946	10,917	20,000
<b>Projected Water Demand</b>						
Municipal Demand	1,080	1,357	1,682	2,067	2,519	4,610
<b>Total Projected Demand</b>	<b>1,080</b>	<b>1,357</b>	<b>1,682</b>	<b>2,067</b>	<b>2,519</b>	<b>4,610</b>
<b>Currently Available Water Supplies</b>						
Dallas Water Utilities	1,030	1,177	1,303	1,476	1,682	2,932
<b>Total Current Supplies</b>	<b>1,030</b>	<b>1,177</b>	<b>1,303</b>	<b>1,476</b>	<b>1,682</b>	<b>2,932</b>
<b>Need (Demand - Current Supply)</b>	<b>50</b>	<b>180</b>	<b>379</b>	<b>591</b>	<b>837</b>	<b>1,678</b>
<b>Water Management Strategies</b>						
Water Conservation	20	35	50	69	92	184
Additional Water from DWU	30	145	329	522	745	1,494
<i>Increase delivery infrastructure from DWU</i>	0	0	0	0	0	1,494
<b>Total Water Management Strategies</b>	<b>50</b>	<b>180</b>	<b>379</b>	<b>591</b>	<b>837</b>	<b>1,678</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-257  
Palmer**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	2,562	3,276	4,109	5,086	6,500	12,000
<b>Projected Water Demand</b>						
Municipal Demand	289	353	432	529	675	1,242
<b>Total Projected Demand</b>	<b>289</b>	<b>353</b>	<b>432</b>	<b>529</b>	<b>675</b>	<b>1,242</b>
<b>Currently Available Water Supplies</b>						
Rockett Special Utility District (TRWD & Midlothian)	201	198	194	201	205	277
Woodbine Aquifer	24	24	24	24	24	24
<b>Total Current Supplies</b>	<b>225</b>	<b>222</b>	<b>218</b>	<b>225</b>	<b>229</b>	<b>301</b>
<b>Need (Demand - Current Supply)</b>	<b>64</b>	<b>131</b>	<b>214</b>	<b>304</b>	<b>446</b>	<b>941</b>
<b>Water Management Strategies</b>						
Water Conservation	2	4	4	7	11	25
Additional Water from Rockett SUD	86	151	234	321	459	940
<i>Increase delivery infrastructure from Rockett SUD</i>	10	72	151	245	387	940
<b>Total Water Management Strategies</b>	<b>88</b>	<b>155</b>	<b>238</b>	<b>328</b>	<b>470</b>	<b>965</b>
<b>Reserve (Shortage)</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>

**Table C-258  
Paloma Creek**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>12,348</b>	<b>16,839</b>	<b>16,839</b>	<b>16,839</b>	<b>16,839</b>	<b>16,839</b>
<b>Projected Water Demand</b>						
Municipal Demand	2,562	3,472	3,470	3,468	3,465	3,464
<b>Total Projected Demand</b>	<b>2,562</b>	<b>3,472</b>	<b>3,470</b>	<b>3,468</b>	<b>3,465</b>	<b>3,464</b>
<b>Currently Available Water Supplies</b>						
Mustang SUD (UTRWD)	2,562	2,699	2,113	1,680	1,497	1,313
Mustang SUD (Groundwater)	419	419	419	419	419	419
<b>Total Current Supplies</b>	<b>2,981</b>	<b>3,118</b>	<b>2,532</b>	<b>2,099</b>	<b>1,916</b>	<b>1,732</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>354</b>	<b>938</b>	<b>1,369</b>	<b>1,549</b>	<b>1,732</b>
<b>Water Management Strategies</b>						
Water Conservation	47	88	104	116	127	139
Additional Water from Mustang SUD	0	266	834	1,253	1,422	1,593
<b>Total Water Management Strategies</b>	<b>47</b>	<b>354</b>	<b>938</b>	<b>1,369</b>	<b>1,549</b>	<b>1,732</b>
<b>Reserve (Shortage)</b>	<b>466</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-259  
Pantego**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>2,400</b>	<b>2,400</b>	<b>2,400</b>	<b>2,400</b>	<b>2,400</b>	<b>2,400</b>
<b>Projected Water Demand</b>						
Municipal Demand	621	610	601	596	595	595
<b>Total Projected Demand</b>	<b>621</b>	<b>610</b>	<b>601</b>	<b>596</b>	<b>595</b>	<b>595</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	732	732	732	732	732	732
<b>Total Current Supplies</b>	<b>732</b>	<b>732</b>	<b>732</b>	<b>732</b>	<b>732</b>	<b>732</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	5	7	6	8	10	12
Fort Worth (TRWD), Initial connection	0	27	27	26	25	24
Arlington (TRWD), Initial connection	0	27	27	26	25	24
<b>Total Water Management Strategies</b>	<b>5</b>	<b>61</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>
<b>Reserve (Shortage)</b>	<b>116</b>	<b>183</b>	<b>191</b>	<b>196</b>	<b>197</b>	<b>197</b>

**Table C-260  
Parker**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	6,000	16,000	20,000	20,000	20,000	20,000
<b>Projected Water Demand</b>						
Municipal Demand	2,561	6,772	8,454	8,450	8,449	8,449
<b>Total Projected Demand</b>	<b>2,561</b>	<b>6,772</b>	<b>8,454</b>	<b>8,450</b>	<b>8,449</b>	<b>8,449</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District	2,359	2,803	2,803	2,803	2,803	2,803
<b>Total Current Supplies</b>	<b>2,359</b>	<b>2,803</b>	<b>2,803</b>	<b>2,803</b>	<b>2,803</b>	<b>2,803</b>
<b>Need (Demand - Current Supply)</b>	<b>202</b>	<b>3,970</b>	<b>5,652</b>	<b>5,648</b>	<b>5,647</b>	<b>5,647</b>
<b>Water Management Strategies</b>						
Water Conservation	47	160	254	282	310	338
Additional Water from NTMWD	155	3,810	5,398	5,366	5,337	5,309
<i>Increase delivery infrastructure from NTMWD</i>	<i>0</i>	<i>3,810</i>	<i>5,398</i>	<i>5,366</i>	<i>5,337</i>	<i>5,309</i>
<b>Total Water Management Strategies</b>	<b>202</b>	<b>3,970</b>	<b>5,652</b>	<b>5,648</b>	<b>5,647</b>	<b>5,647</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-261  
Parker County Irrigation**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	490	490	490	490	490	490
<b>Currently Available Water Supplies</b>						
Local Supplies	239	239	239	239	239	239
Direct Reuse	97	97	97	97	97	97
Trinity Aquifer	246	246	246	246	246	246
Weatherford	13	13	13	13	13	13
<b>Total Current Supplies</b>	<b>595</b>	<b>595</b>	<b>595</b>	<b>595</b>	<b>595</b>	<b>595</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
None	0	0	0	0	0	0
<b>Total Water Management Strategies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Reserve (Shortage)</b>	<b>105</b>	<b>105</b>	<b>105</b>	<b>105</b>	<b>105</b>	<b>105</b>



**Table C-262  
Parker County Livestock**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>1,544</b>	<b>1,544</b>	<b>1,544</b>	<b>1,544</b>	<b>1,544</b>	<b>1,544</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	229	229	229	229	229	229
Local Supplies	1,922	1,922	1,922	1,922	1,922	1,922
<b>Total Current Supplies</b>	<b>2,151</b>	<b>2,151</b>	<b>2,151</b>	<b>2,151</b>	<b>2,151</b>	<b>2,151</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
None						
<b>Total Water Management Strategies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Reserve (Shortage)</b>	<b>607</b>	<b>607</b>	<b>607</b>	<b>607</b>	<b>607</b>	<b>607</b>

**Table C-263  
Parker County Manufacturing**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>638</b>	<b>729</b>	<b>821</b>	<b>912</b>	<b>1,004</b>	<b>1,095</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	84	84	84	84	84	84
Mineral Wells (Palo Pinto Co. WCID)	25	25	25	25	25	25
Weatherford (Lake Weatherford)	244	241	234	169	123	93
Weatherford (TRWD)	529	564	573	495	328	327
Walnut Creek SUD (TRWD sources)	96	99	99	97	85	71
<b>Total Current Supplies</b>	<b>978</b>	<b>1,013</b>	<b>1,015</b>	<b>870</b>	<b>645</b>	<b>600</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>42</b>	<b>359</b>	<b>495</b>
<b>Water Management Strategies</b>						
Water Conservation	0	1	17	25	28	31
Add'l water from Weatherford (TRWD sources)	0	55	125	288	545	634
Add'l water from Walnut Creek SUD/TRWD	0	10	21	35	60	87
<b>Total Water Management Strategies</b>	<b>0</b>	<b>66</b>	<b>163</b>	<b>348</b>	<b>633</b>	<b>752</b>
<b>Reserve (Shortage)</b>	<b>340</b>	<b>350</b>	<b>357</b>	<b>306</b>	<b>274</b>	<b>257</b>

**Table C-264  
Parker County Mining**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>3,182</b>	<b>4,029</b>	<b>4,006</b>	<b>4,073</b>	<b>4,124</b>	<b>4,364</b>
<b>Currently Available Water Supplies</b>						
Local supplies	20	20	20	20	20	20
Brazos River Authority	44	35	26	18	9	0
Trinity Aquifer	4,344	4,344	4,344	4,344	4,344	4,344
<b>Total Current Supplies</b>	<b>4,408</b>	<b>4,399</b>	<b>4,390</b>	<b>4,382</b>	<b>4,373</b>	<b>4,364</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
None						
<b>Total Water Management Strategies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Reserve (Shortage)</b>	<b>1,226</b>	<b>370</b>	<b>384</b>	<b>309</b>	<b>249</b>	<b>0</b>

**Table C-265  
Parker County Other**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>54,108</b>	<b>54,108</b>	<b>54,108</b>	<b>75,898</b>	<b>116,910</b>	<b>181,910</b>
<b>Projected Water Demand</b>						
Municipal Demand	7,027	6,851	6,714	9,269	14,205	22,058
<b>Total Projected Water Demand</b>	<b>7,027</b>	<b>6,851</b>	<b>6,714</b>	<b>9,269</b>	<b>14,205</b>	<b>22,058</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	6,575	6,575	6,575	6,575	6,575	6,575
Other Aquifer	50	50	50	50	50	50
Local Supplies	33	33	33	33	33	33
Mineral Wells (Palo Pinto Co. WCID)	957	957	957	957	957	957
Walnut Creek (TRWD)	211	187	162	198	240	285
<b>Total Current Supplies</b>	<b>7,826</b>	<b>7,802</b>	<b>7,777</b>	<b>7,813</b>	<b>7,855</b>	<b>7,900</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,456</b>	<b>6,350</b>	<b>14,158</b>
<b>Water Management Strategies</b>						
Water Conservation	59	81	67	124	237	441
New wells in Trinity Aquifer	200	200	200	200	200	200
Additional Water from Weatherford	0	0	0	1,403	2,488	3,978
Water from TRWD with Water Treatment Plant	0	0	0	0	3,635	9,618
Additional Water from Walnut Creek	0	17	37	76	179	364
<b>Total Water Management Strategies</b>	<b>259</b>	<b>298</b>	<b>304</b>	<b>1,803</b>	<b>6,739</b>	<b>14,601</b>
<b>Reserve (Shortage)</b>	<b>1,058</b>	<b>1,249</b>	<b>1,367</b>	<b>347</b>	<b>389</b>	<b>443</b>

**Table C-266  
Parker County Steam Electric Power**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	260	260	260	260	260	260
<b>Currently Available Water Supplies</b>						
Weatherford	380	338	294	240	201	172
<b>Total Current Supplies</b>	<b>380</b>	<b>338</b>	<b>294</b>	<b>240</b>	<b>201</b>	<b>172</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20</b>	<b>59</b>	<b>88</b>
<b>Water Management Strategies</b>						
Additional Weatherford	0	0	0	20	59	88
<b>Total Water Management Strategies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20</b>	<b>59</b>	<b>88</b>
<b>Reserve (Shortage)</b>	<b>120</b>	<b>78</b>	<b>34</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-267  
Parker County Special Utility District**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	6,162	8,161	10,420	13,069	16,140	19,687
<b>Projected Water Demand</b>						
Municipal Demand	655	842	1,060	1,321	1,627	1,983
<b>Total Projected Demand</b>	<b>655</b>	<b>842</b>	<b>1,060</b>	<b>1,321</b>	<b>1,627</b>	<b>1,983</b>
<b>Currently Available Water Supplies</b>						
Mineral Wells (Reg G)	294	294	294	294	294	294
Brazos River Authority (Reg G) WTP capacity	561	561	561	561	561	561
Trinity Aquifer	36	36	36	36	36	36
<b>Total Current Supplies</b>	<b>891</b>	<b>891</b>	<b>891</b>	<b>891</b>	<b>891</b>	<b>891</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>170</b>	<b>431</b>	<b>737</b>	<b>1,093</b>
<b>Water Management Strategies</b>						
Water Conservation	5	9	11	18	27	40
1 MGD WTP expansion for BRA supply	540	540	540	540	540	540
Additional Groundwater (new wells)					513	513
<b>Total Water Management Strategies</b>	<b>545</b>	<b>549</b>	<b>551</b>	<b>558</b>	<b>1,080</b>	<b>1,093</b>
<b>Reserve (Shortage)</b>	<b>780</b>	<b>597</b>	<b>381</b>	<b>127</b>	<b>343</b>	<b>0</b>

**Table C-268  
Payne Springs**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>877</b>	<b>977</b>	<b>1,060</b>	<b>1,170</b>	<b>1,300</b>	<b>1,600</b>
<b>Projected Water Demand</b>						
Municipal Demand	143	155	165	181	200	246
<b>Total Projected Demand</b>	<b>143</b>	<b>155</b>	<b>165</b>	<b>181</b>	<b>200</b>	<b>246</b>
<b>Currently Available Water Supplies</b>						
Carrizo-Wilcox Aquifer	101	101	101	101	101	101
East Cedar Creek FWSD (TRWD sources)	47	48	45	44	37	33
<b>Total Current Supplies</b>	<b>148</b>	<b>149</b>	<b>146</b>	<b>145</b>	<b>138</b>	<b>134</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>6</b>	<b>19</b>	<b>36</b>	<b>62</b>	<b>112</b>
<b>Water Management Strategies</b>						
Water Conservation	1	2	2	2	3	5
Carrizo-Wilcox Aquifer (new wells)	145	145	145	145	145	145
Additional ECCFWSD (TRWD)	23	27	35	44	60	85
<b>Total Water Management Strategies</b>	<b>169</b>	<b>174</b>	<b>182</b>	<b>191</b>	<b>208</b>	<b>235</b>
<b>Reserve (Shortage)</b>	<b>174</b>	<b>168</b>	<b>163</b>	<b>155</b>	<b>146</b>	<b>123</b>

**Table C-269  
Pecan Hill**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>801</b>	<b>1,025</b>	<b>1,286</b>	<b>1,592</b>	<b>2,000</b>	<b>3,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	111	136	167	205	257	384
<b>Total Projected Demand</b>	<b>111</b>	<b>136</b>	<b>167</b>	<b>205</b>	<b>257</b>	<b>384</b>
<b>Currently Available Water Supplies</b>						
Rockett SUD (TRWD and Midlothian)	77	76	75	78	79	86
<b>Total Current Supplies</b>	<b>77</b>	<b>76</b>	<b>75</b>	<b>78</b>	<b>79</b>	<b>86</b>
<b>Need (Demand - Current Supply)</b>	<b>34</b>	<b>60</b>	<b>92</b>	<b>127</b>	<b>178</b>	<b>298</b>
<b>Water Management Strategies</b>						
Water Conservation	1	1	2	3	4	8
Add'l Rockett SUD	33	59	90	124	174	290
Increase delivery infrastructure from Rockett SUD?						
<b>Total Water Management Strategies</b>	<b>34</b>	<b>60</b>	<b>92</b>	<b>127</b>	<b>178</b>	<b>298</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-270  
Pelican Bay**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>1,575</b>	<b>1,605</b>	<b>1,635</b>	<b>1,664</b>	<b>1,693</b>	<b>1,721</b>
<b>Projected Water Demand</b>						
Municipal Demand	106	108	110	112	114	116
<b>Total Projected Demand</b>	<b>106</b>	<b>108</b>	<b>110</b>	<b>112</b>	<b>114</b>	<b>116</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	117	117	117	117	117	117
<b>Total Current Supplies</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	1	1	1	1	2	2
Azle (TRWD) initial connection	0	11	11	11	11	12
<b>Total Water Management Strategies</b>	<b>1</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>13</b>	<b>14</b>
<b>Reserve (Shortage)</b>	<b>12</b>	<b>21</b>	<b>19</b>	<b>17</b>	<b>16</b>	<b>15</b>

**Table C-271  
Pilot Point**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>6,500</b>	<b>8,000</b>	<b>11,000</b>	<b>15,000</b>	<b>20,000</b>	<b>27,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	891	1,070	1,449	1,965	2,615	3,527
<b>Total Projected Demand</b>	<b>891</b>	<b>1,070</b>	<b>1,449</b>	<b>1,965</b>	<b>2,615</b>	<b>3,527</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	1,102	1,102	1,102	1,102	1,102	1,102
<b>Total Current Supplies</b>	<b>1,102</b>	<b>1,102</b>	<b>1,102</b>	<b>1,102</b>	<b>1,102</b>	<b>1,102</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>347</b>	<b>863</b>	<b>1,513</b>	<b>2,425</b>
<b>Water Management Strategies</b>						
Water Conservation	7	12	14	26	44	71
Additional Trinity Aquifer (new wells)	269	269	269	269	269	269
Upper Trinity Regional Water District	0	0	68	715	1,481	2,366
<b>Total Water Management Strategies</b>	<b>276</b>	<b>281</b>	<b>351</b>	<b>1,010</b>	<b>1,794</b>	<b>2,706</b>
<b>Reserve (Shortage)</b>	<b>487</b>	<b>313</b>	<b>4</b>	<b>147</b>	<b>281</b>	<b>281</b>

**Table C-272**  
**Plano**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>268,000</b>	<b>278,000</b>	<b>290,656</b>	<b>292,656</b>	<b>292,656</b>	<b>292,656</b>
<b>Projected Water Demand</b>						
Municipal Demand	69,020	70,608	73,054	73,153	73,059	73,059
Customer Demand (The Colony)	1,200	2,000	2,200	2,400	2,600	2,800
Manufacturing Demand (12% Collin Co)	415	467	518	565	613	666
<b>Total Projected Demand</b>	<b>70,635</b>	<b>73,075</b>	<b>75,772</b>	<b>76,118</b>	<b>76,272</b>	<b>76,525</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District	63,589	54,103	51,595	48,700	45,581	42,193
NTMWD (for The Colony)	1,106	1,532	1,554	1,598	1,622	1,617
NTMWD (for Manufacturing)	382	358	366	376	383	384
<b>Total Current Supplies</b>	<b>65,076</b>	<b>55,993</b>	<b>53,515</b>	<b>50,673</b>	<b>47,586</b>	<b>44,194</b>
<b>Need (Demand - Current Supply)</b>	<b>5,559</b>	<b>17,082</b>	<b>22,257</b>	<b>25,445</b>	<b>28,686</b>	<b>32,331</b>
<b>Water Management Strategies</b>						
Water Conservation	1,460	2,135	2,640	2,458	2,698	2,942
Water Conservation (The Colony)	12	26	26	37	50	65
Water Conservation (manufacturing)	0	1	11	16	17	19
Additional Water from NTMWD	3,971	14,370	18,819	21,995	24,780	27,924
Add'l Water from NTMWD for The Colony	82	442	620	765	928	1,118
Add'l Water from NTMWD for Manf	33	108	141	173	213	263
<b>Total Water Management Strategies</b>	<b>5,559</b>	<b>17,082</b>	<b>22,257</b>	<b>25,445</b>	<b>28,686</b>	<b>32,331</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-273  
Ponder**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>2,035</b>	<b>2,811</b>	<b>3,738</b>	<b>4,774</b>	<b>5,987</b>	<b>7,371</b>
<b>Projected Water Demand</b>						
Municipal Demand	254	343	451	574	718	883
<b>Total Projected Demand</b>	<b>254</b>	<b>343</b>	<b>451</b>	<b>574</b>	<b>718</b>	<b>883</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	476	476	476	476	476	476
<b>Total Current Supplies</b>	<b>476</b>	<b>476</b>	<b>476</b>	<b>476</b>	<b>476</b>	<b>476</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>98</b>	<b>242</b>	<b>407</b>
<b>Water Management Strategies</b>						
Water Conservation	2	4	5	8	12	18
Upper Trinity Regional Water District	0	0	65	235	421	580
<b>Total Water Management Strategies</b>	<b>2</b>	<b>4</b>	<b>70</b>	<b>243</b>	<b>433</b>	<b>598</b>
<b>Reserve (Shortage)</b>	<b>224</b>	<b>137</b>	<b>95</b>	<b>145</b>	<b>191</b>	<b>191</b>

**Table C-274  
Post Oak Bend City**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>800</b>	<b>1,000</b>	<b>1,200</b>	<b>1,850</b>	<b>2,500</b>	<b>5,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	93	113	134	205	276	550
<b>Total Projected Demand</b>	<b>93</b>	<b>113</b>	<b>134</b>	<b>205</b>	<b>276</b>	<b>550</b>
<b>Currently Available Water Supplies</b>						
Rose Hill SUD (NTMWD)	86	87	95	136	172	318
<b>Total Current Supplies</b>	<b>86</b>	<b>87</b>	<b>95</b>	<b>136</b>	<b>172</b>	<b>318</b>
<b>Need (Demand - Current Supply)</b>	<b>7</b>	<b>26</b>	<b>39</b>	<b>69</b>	<b>104</b>	<b>232</b>
<b>Water Management Strategies</b>						
Water Conservation	1	1	1	3	5	11
Additional Water from Rose Hill SUD	6	25	38	66	99	221
<b>Total Water Management Strategies</b>	<b>7</b>	<b>26</b>	<b>39</b>	<b>69</b>	<b>104</b>	<b>232</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-275  
Pottsboro**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>2,896</b>	<b>3,745</b>	<b>4,582</b>	<b>6,000</b>	<b>10,000</b>	<b>18,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	491	621	751	977	1,624	2,921
<b>Total Projected Demand</b>	<b>491</b>	<b>621</b>	<b>751</b>	<b>977</b>	<b>1,624</b>	<b>2,921</b>
<b>Currently Available Water Supplies</b>						
Woodbine Aquifer	129	129	129	129	129	129
Denison	362	441	458	419	357	288
<b>Total Current Supplies</b>	<b>491</b>	<b>570</b>	<b>587</b>	<b>548</b>	<b>486</b>	<b>417</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>51</b>	<b>164</b>	<b>429</b>	<b>1,138</b>	<b>2,504</b>
<b>Water Management Strategies</b>						
Water Conservation	4	7	15	28	60	117
Additional Denison	0	51	102	141	203	272
Grayson County Water Supply Project (North WTP)	0	0	47	260	875	2,115
<b>Total Water Management Strategies</b>	<b>4</b>	<b>58</b>	<b>164</b>	<b>429</b>	<b>1,138</b>	<b>2,504</b>
<b>Reserve (Shortage)</b>	<b>4</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-276  
Princeton**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population (In City Only)</b>	<b>9,080</b>	<b>11,880</b>	<b>15,290</b>	<b>36,295</b>	<b>57,300</b>	<b>78,304</b>
<b>Projected Water Demand</b>						
Municipal Demand	974	1,236	1,566	3,679	5,798	7,919
Culleoka Water Supply Corporation	328	370	605	740	807	1,009
<b>Total Projected Demand</b>	<b>1,302</b>	<b>1,606</b>	<b>2,171</b>	<b>4,419</b>	<b>6,605</b>	<b>8,928</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District	897	947	1,106	2,449	3,617	4,573
NTMWD for Ceulleoka WSC	302	284	427	493	503	583
<b>Total Current Supplies</b>	<b>1,200</b>	<b>1,231</b>	<b>1,533</b>	<b>2,942</b>	<b>4,121</b>	<b>5,156</b>
<b>Need (Demand - Current Supply)</b>	<b>102</b>	<b>375</b>	<b>638</b>	<b>1,477</b>	<b>2,484</b>	<b>3,772</b>
<b>Water Management Strategies</b>						
Water Conservation	8	13	16	49	97	158
Water Conservation (Culleoka WSC)	3	4	6	10	13	20
Additional Water from NTMWD	91	358	616	1,418	2,374	3,594
<b>Total Water Management Strategies</b>	<b>102</b>	<b>375</b>	<b>638</b>	<b>1,477</b>	<b>2,484</b>	<b>3,772</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



**Table C-277  
Prosper**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>20,754</b>	<b>32,816</b>	<b>44,878</b>	<b>56,940</b>	<b>69,000</b>	<b>69,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	5,322	8,355	11,405	14,457	17,511	17,509
<b>Total Projected Demand</b>	<b>5,322</b>	<b>8,355</b>	<b>11,405</b>	<b>14,457</b>	<b>17,511</b>	<b>17,509</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District	4,903	5,605	5,605	5,605	5,605	5,605
<b>Total Current Supplies</b>	<b>4,903</b>	<b>5,605</b>	<b>5,605</b>	<b>5,605</b>	<b>5,605</b>	<b>5,605</b>
<b>Need (Demand - Current Supply)</b>	<b>419</b>	<b>2,750</b>	<b>5,800</b>	<b>8,852</b>	<b>11,906</b>	<b>11,904</b>
<b>Water Management Strategies</b>						
Water Conservation	198	365	557	754	972	1,030
Additional Water from NTMWD	221	2,385	5,243	8,098	10,934	10,874
<i>Increase delivery infrastructure from NTMWD</i>	<i>0</i>	<i>2,385</i>	<i>5,243</i>	<i>8,098</i>	<i>10,934</i>	<i>10,874</i>
<b>Total Water Management Strategies</b>	<b>419</b>	<b>2,750</b>	<b>5,800</b>	<b>8,852</b>	<b>11,906</b>	<b>11,904</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-278  
Providence Village Water Control and Improvement District**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>7,235</b>	<b>7,235</b>	<b>7,235</b>	<b>7,235</b>	<b>7,235</b>	<b>7,235</b>
<b>Projected Water Demand</b>						
Municipal Demand	938	931	929	927	926	925
<b>Total Projected Demand</b>	<b>938</b>	<b>931</b>	<b>929</b>	<b>927</b>	<b>926</b>	<b>925</b>
<b>Currently Available Water Supplies</b>						
Mustang SUD (UTRWD)	938	724	566	449	400	351
Mustang SUD (Groundwater)	153	153	153	153	153	153
<b>Total Current Supplies</b>	<b>1,091</b>	<b>877</b>	<b>719</b>	<b>602</b>	<b>553</b>	<b>504</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>54</b>	<b>210</b>	<b>325</b>	<b>373</b>	<b>421</b>
<b>Water Management Strategies</b>						
Water Conservation	8	11	9	12	15	19
Additional Water from Mustang SUD	0	43	201	313	358	402
<b>Total Water Management Strategies</b>	<b>8</b>	<b>54</b>	<b>210</b>	<b>325</b>	<b>373</b>	<b>421</b>
<b>Reserve (Shortage)</b>	<b>161</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-279  
Red Oak**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>12,369</b>	<b>14,000</b>	<b>19,000</b>	<b>26,000</b>	<b>32,000</b>	<b>50,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	1,845	2,052	2,750	3,741	4,595	7,170
<b>Total Projected Demand</b>	<b>1,845</b>	<b>2,052</b>	<b>2,750</b>	<b>3,741</b>	<b>4,595</b>	<b>7,170</b>
<b>Currently Available Water Supplies</b>						
Woodbine Aquifer	556	556	556	556	556	556
Dallas Water Utilities	56	231	747	1,396	1,876	3,425
Rockett Special Utility District	856	688	552	468	374	275
<b>Total Current Supplies</b>	<b>1,468</b>	<b>1,475</b>	<b>1,855</b>	<b>2,420</b>	<b>2,806</b>	<b>4,256</b>
<b>Need (Demand - Current Supply)</b>	<b>377</b>	<b>577</b>	<b>895</b>	<b>1,321</b>	<b>1,789</b>	<b>2,914</b>
<b>Water Management Strategies</b>						
Water Conservation	15	23	28	50	77	143
Additional Water from Rockett SUD	364	527	659	729	805	860
Additional Water from DWU	0	27	208	542	907	1,911
<b>Total Water Management Strategies</b>	<b>379</b>	<b>577</b>	<b>895</b>	<b>1,321</b>	<b>1,789</b>	<b>2,914</b>
<b>Reserve (Shortage)</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-280  
Reno**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>2,535</b>	<b>2,585</b>	<b>2,640</b>	<b>2,703</b>	<b>2,775</b>	<b>2,856</b>
<b>Projected Water Demand</b>						
Municipal Demand	172	175	178	183	187	193
<b>Total Projected Demand</b>	<b>172</b>	<b>175</b>	<b>178</b>	<b>183</b>	<b>187</b>	<b>193</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	167	167	167	167	167	167
Walnut Creek SUD (TRWD)	50	46	40	36	28	22
<b>Total Current Supplies</b>	<b>217</b>	<b>213</b>	<b>207</b>	<b>203</b>	<b>195</b>	<b>189</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>
<b>Water Management Strategies</b>						
Water Conservation	1	2	2	2	3	4
Additional Water from Walnut Ck. SUD	0	2	8	12	19	24
<b>Total Water Management Strategies</b>	<b>1</b>	<b>4</b>	<b>10</b>	<b>14</b>	<b>22</b>	<b>28</b>
<b>Reserve (Shortage)</b>	<b>46</b>	<b>42</b>	<b>39</b>	<b>34</b>	<b>30</b>	<b>24</b>

**Table C-281  
Rhome**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>2,384</b>	<b>3,368</b>	<b>4,377</b>	<b>7,000</b>	<b>9,400</b>	<b>12,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	411	571	738	1,175	1,576	2,011
Customer Demand - Aurora	71	96	123	161	200	248
Future Customer Demand - Newark	0	36	73	123	171	229
Future Customer Demand - New Fairview	0	54	150	267	448	663
<b>Total Projected Demand</b>	<b>482</b>	<b>757</b>	<b>1,084</b>	<b>1,726</b>	<b>2,395</b>	<b>3,151</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	280	280	280	280	280	280
Walnut Creek SUD (TRWD)	131	265	368	636	730	745
Walnut Creek SUD (TRWD) for Aurora	71	87	99	114	113	107
<b>Total Current Supplies</b>	<b>482</b>	<b>632</b>	<b>747</b>	<b>1,030</b>	<b>1,123</b>	<b>1,132</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>125</b>	<b>337</b>	<b>696</b>	<b>1,272</b>	<b>2,019</b>
<b>Water Management Strategies</b>						
Water Conservation	8	14	22	39	58	80
Water Conservation Aurora	1	2	2	3	4	6
Water Conservation Newark		2	2	4	6	8
Water Conservation New Fairview		3	3	6	11	17
Additional Water from Walnut Ck. SUD	0	12	68	220	508	906
Additional Walnut Ck. SUD - Aurora	0	7	22	44	83	135
Walnut Ck. SUD - Newark	0	51	147	261	437	646
Walnut Ck. SUD - New Fairview	0	34	71	119	165	221
<b>Total Water Management Strategies</b>	<b>9</b>	<b>125</b>	<b>337</b>	<b>696</b>	<b>1,272</b>	<b>2,019</b>
<b>Reserve (Shortage)</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-282**  
**Rice**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>1,022</b>	<b>1,126</b>	<b>1,235</b>	<b>1,358</b>	<b>1,487</b>	<b>1,625</b>
<b>Projected Water Demand</b>						
Municipal Demand	163	176	190	207	226	246
<b>Total Projected Demand</b>	<b>163</b>	<b>176</b>	<b>190</b>	<b>207</b>	<b>226</b>	<b>246</b>
<b>Currently Available Water Supplies</b>						
Rice Water Supply Corporation (Corsicana)	163	114	114	111	107	100
<b>Total Current Supplies</b>	<b>163</b>	<b>114</b>	<b>114</b>	<b>111</b>	<b>107</b>	<b>100</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>62</b>	<b>76</b>	<b>96</b>	<b>119</b>	<b>146</b>
<b>Water Management Strategies</b>						
Water Conservation	1	2	2	3	4	5
Additional Water from Rice WSC	0	60	74	93	115	141
<b>Total Water Management Strategies</b>	<b>1</b>	<b>62</b>	<b>76</b>	<b>96</b>	<b>119</b>	<b>146</b>
<b>Reserve (Shortage)</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-283  
Rice Water Supply Corporation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>						
Outside of Rice	8,499	10,611	13,055	15,914	19,266	23,134
In Rice	1,022	1,126	1,235	1,358	1,487	1,625
<b>Total Population Served</b>	<b>9,521</b>	<b>11,737</b>	<b>14,290</b>	<b>17,272</b>	<b>20,753</b>	<b>24,759</b>
<b>Projected Water Demand</b>						
Outside of Rice	800	958	1,151	1,388	1,675	2,008
In Rice	163	176	190	207	226	246
<b>Total Projected Demand</b>	<b>963</b>	<b>1,134</b>	<b>1,341</b>	<b>1,595</b>	<b>1,901</b>	<b>2,254</b>
<b>Currently Available Water Supplies</b>						
Corsicana for Rice WSC	750	588	661	720	766	797
Corsicana for Rice	163	114	114	111	107	100
Ennis for Rice WSC	48	46	41	34	22	13
<b>Total Current Supplies</b>	<b>961</b>	<b>748</b>	<b>816</b>	<b>865</b>	<b>895</b>	<b>910</b>
<b>Need (Demand - Current Supply)</b>	<b>2</b>	<b>386</b>	<b>525</b>	<b>730</b>	<b>1,006</b>	<b>1,344</b>
<b>Water Management Strategies</b>						
Water Conservation (Outside of Rice)	7	10	12	19	28	40
Water Conservation (In Rice)	1	2	2	3	4	5
Add'l Corsicana for Rice WSC	0	310	428	599	831	1,121
Add'l Corsicana for Rice	0	60	74	93	115	141
Add'l Ennis for Rice WSC	2	4	9	16	28	37
<i>Increase delivery infrastructure from Corsicana</i>	<i>0</i>	<i>0</i>	<i>156</i>	<i>402</i>	<i>698</i>	<i>1,038</i>
<b>Total Water Management Strategies</b>	<b>10</b>	<b>386</b>	<b>525</b>	<b>730</b>	<b>1,006</b>	<b>1,344</b>
<b>Reserve (Shortage)</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-284  
Richardson**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>105,000</b>	<b>108,200</b>	<b>112,500</b>	<b>116,000</b>	<b>116,000</b>	<b>116,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	26,328	26,676	27,364	28,016	27,979	27,978
Manufacturing Demand (60% Collin Co)	2,074	2,333	2,591	2,824	3,065	3,328
<b>Total Projected Demand</b>	<b>28,402</b>	<b>29,009</b>	<b>29,955</b>	<b>30,840</b>	<b>31,044</b>	<b>31,306</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District	24,256	20,440	19,326	18,651	17,456	16,158
NTMWD for Collin Co Manufacturing	1,910	1,788	1,830	1,880	1,913	1,922
<b>Total Current Supplies</b>	<b>26,166</b>	<b>22,228</b>	<b>21,156</b>	<b>20,531</b>	<b>19,369</b>	<b>18,080</b>
<b>Need (Demand - Current Supply)</b>	<b>2,236</b>	<b>6,781</b>	<b>8,799</b>	<b>10,309</b>	<b>11,675</b>	<b>13,226</b>
<b>Water Management Strategies</b>						
Water Conservation	604	830	941	1,054	1,146	1,239
Water Conservation (manufacturing)	0	5	54	80	87	94
Additional Water from NTMWD	1,468	5,406	7,097	8,311	9,377	10,581
Add'l Water from NTMWD for Manf	164	540	707	864	1,065	1,312
<b>Total Water Management Strategies</b>	<b>2,236</b>	<b>6,781</b>	<b>8,799</b>	<b>10,309</b>	<b>11,675</b>	<b>13,226</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-285  
Richland Hills**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>8,401</b>	<b>9,001</b>	<b>9,601</b>	<b>10,850</b>	<b>12,000</b>	<b>13,500</b>
<b>Projected Water Demand</b>						
Municipal Demand	1,148	1,185	1,228	1,372	1,513	1,700
<b>Total Projected Demand</b>	<b>1,148</b>	<b>1,185</b>	<b>1,228</b>	<b>1,372</b>	<b>1,513</b>	<b>1,700</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	242	242	242	242	242	242
Fort Worth (TRWD)	862	761	674	696	716	755
<b>Total Current Supplies</b>	<b>1,104</b>	<b>1,003</b>	<b>916</b>	<b>938</b>	<b>958</b>	<b>997</b>
<b>Need (Demand - Current Supply)</b>	<b>44</b>	<b>182</b>	<b>312</b>	<b>434</b>	<b>555</b>	<b>703</b>
<b>Water Management Strategies</b>						
Water Conservation	10	14	12	18	25	34
Additional Water from Fort Worth	34	168	300	416	530	669
<b>Total Water Management Strategies</b>	<b>44</b>	<b>182</b>	<b>312</b>	<b>434</b>	<b>555</b>	<b>703</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-286  
River Oaks**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	7,500	7,500	7,500	7,500	7,500	7,500
<b>Projected Water Demand</b>						
Municipal Demand	850	817	790	775	772	772
<b>Total Projected Demand</b>	<b>850</b>	<b>817</b>	<b>790</b>	<b>775</b>	<b>772</b>	<b>772</b>
<b>Currently Available Water Supplies</b>						
Tarrant Regional Water District	850	744	635	551	489	437
<b>Total Current Supplies</b>	<b>850</b>	<b>744</b>	<b>635</b>	<b>551</b>	<b>489</b>	<b>437</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>73</b>	<b>155</b>	<b>224</b>	<b>283</b>	<b>335</b>
<b>Water Management Strategies</b>						
Water Conservation	7	10	8	10	13	15
Additional Water from TRWD	0	63	147	214	270	320
<b>Total Water Management Strategies</b>	<b>7</b>	<b>73</b>	<b>155</b>	<b>224</b>	<b>283</b>	<b>335</b>
<b>Reserve (Shortage)</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-287  
Roanoke**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	7,975	9,988	12,000	12,000	12,000	12,000
<b>Projected Water Demand</b>						
Municipal Demand	2,263	2,807	3,356	3,350	3,348	3,348
<b>Total Projected Demand</b>	<b>2,263</b>	<b>2,807</b>	<b>3,356</b>	<b>3,350</b>	<b>3,348</b>	<b>3,348</b>
<b>Currently Available Water Supplies</b>						
Fort Worth (TRWD)	2,154	2,264	2,294	2,062	1,886	1,734
<b>Total Current Supplies</b>	<b>2,154</b>	<b>2,264</b>	<b>2,294</b>	<b>2,062</b>	<b>1,886</b>	<b>1,734</b>
<b>Need (Demand - Current Supply)</b>	<b>109</b>	<b>543</b>	<b>1,062</b>	<b>1,288</b>	<b>1,462</b>	<b>1,614</b>
<b>Water Management Strategies</b>						
Water Conservation	44	78	108	119	130	141
Additional Water from Fort Worth	65	465	954	1,169	1,332	1,473
<b>Total Water Management Strategies</b>	<b>109</b>	<b>543</b>	<b>1,062</b>	<b>1,288</b>	<b>1,462</b>	<b>1,614</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



**Table C-288  
Rockett Special Utility District**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population (Outside of Cities)</b>	<b>33,882</b>	<b>44,048</b>	<b>55,743</b>	<b>69,279</b>	<b>90,000</b>	<b>111,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	3,871	4,841	6,001	7,390	9,575	11,798
Areas Inside Cities and Customers	7,222	8,298	9,546	10,317	12,009	17,090
<b>Total Projected Demand</b>	<b>11,093</b>	<b>13,139</b>	<b>15,547</b>	<b>17,707</b>	<b>21,584</b>	<b>28,888</b>
<b>Currently Available Water Supplies</b>						
Midlothian	2,118	1,738	1,382	1,141	969	848
Trinity River Authority (TRWD), Capped by Water Treatment Plant Capacity	5,605	5,605	5,605	5,605	5,605	5,605
<b>Total Current Supplies</b>	<b>7,723</b>	<b>7,343</b>	<b>6,987</b>	<b>6,746</b>	<b>6,574</b>	<b>6,453</b>
<b>Need (Demand - Current Supply)</b>	<b>3,370</b>	<b>5,796</b>	<b>8,560</b>	<b>10,961</b>	<b>15,010</b>	<b>22,435</b>
<b>Water Management Strategies</b>						
Water Conservation	32	52	60	99	160	236
Water Conservation (customers)	94	156	212	273	343	456
Additional Midlothian	124	504	860	1,101	1,273	1,394
Additional Water from TRA/TRWD with WTP	4,934	7,303	10,124	12,610	16,996	24,899
Expansions below:						
<i>Sokoll 10 MGD Expansion-1</i>	<i>4,934</i>	<i>5,605</i>	<i>5,605</i>	<i>5,605</i>	<i>5,605</i>	<i>5,605</i>
<i>Sokoll 10 MGD Expansion-2</i>		<i>1,698</i>	<i>4,519</i>	<i>5,605</i>	<i>5,605</i>	<i>5,605</i>
<i>Sokoll 10 MGD Expansion-3</i>				<i>1,400</i>	<i>5,605</i>	<i>5,605</i>
<i>Sokoll 10 MGD Expansion-4</i>						<i>5,605</i>
<b>Total Water Management Strategies</b>	<b>5,184</b>	<b>8,015</b>	<b>11,256</b>	<b>14,083</b>	<b>18,772</b>	<b>26,985</b>
<b>Reserve (Shortage)</b>	<b>1,814</b>	<b>2,219</b>	<b>2,696</b>	<b>3,122</b>	<b>3,762</b>	<b>4,550</b>

Note: See Appendix H for details of demands.

**Table C-289**  
**Rockwall**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population (Rockwall Only)</b>	<b>47,474</b>	<b>59,732</b>	<b>73,669</b>	<b>87,768</b>	<b>103,514</b>	<b>120,202</b>
<b>Projected Water Demand</b>						
Municipal Demand	8,914	11,049	13,526	16,057	18,911	21,947
Manufacturing and Customer Demand	5,779	9,836	10,017	10,213	11,536	12,731
<b>Total Projected Demand</b>	<b>14,693</b>	<b>20,885</b>	<b>23,543</b>	<b>26,270</b>	<b>30,447</b>	<b>34,678</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District	13,537	16,003	16,627	17,488	18,995	20,027
<b>Total Current Supplies</b>	<b>13,537</b>	<b>16,003</b>	<b>16,627</b>	<b>17,488</b>	<b>18,995</b>	<b>20,027</b>
<b>Need (Demand - Current Supply)</b>	<b>1,156</b>	<b>4,882</b>	<b>6,916</b>	<b>8,782</b>	<b>11,452</b>	<b>14,651</b>
<b>Water Management Strategies</b>						
Water Conservation	329	490	658	834	1,045	1,286
Water Conservation Manf & Customers	78	217	263	289	327	375
Additional Water from NTMWD	749	4,175	5,995	7,659	10,080	12,990
<i>Increase delivery infrastructure from NTMWD</i>	<i>0</i>	<i>1,457</i>	<i>3,901</i>	<i>6,426</i>	<i>10,080</i>	<i>12,990</i>
<b>Total Water Management Strategies</b>	<b>1,156</b>	<b>4,882</b>	<b>6,916</b>	<b>8,782</b>	<b>11,452</b>	<b>14,651</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Note: See Appendix H for details of demands.

**Table C-290**  
**Rockwall County Irrigation**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>374</b>	<b>374</b>	<b>374</b>	<b>374</b>	<b>374</b>	<b>374</b>
<b>Currently Available Water Supplies</b>						
NTMWD Reuse	672	672	672	672	672	672
Dallas Water Utilities	264	240	215	198	185	176
<b>Total Current Supplies</b>	<b>936</b>	<b>912</b>	<b>887</b>	<b>870</b>	<b>857</b>	<b>848</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	1	12	24	30	35	41
Additional Water from NTMWD	97	94	91	89	88	86
Additional Water from DWU	12	28	44	57	66	71
<b>Total Water Management Strategies</b>	<b>110</b>	<b>134</b>	<b>159</b>	<b>176</b>	<b>189</b>	<b>198</b>
<b>Reserve (Shortage)</b>	<b>672</b>	<b>672</b>	<b>672</b>	<b>672</b>	<b>672</b>	<b>672</b>

**Table C-291  
Rockwall County Livestock**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>
<b>Currently Available Water Supplies</b>						
Local Supplies	117	117	117	117	117	117
<b>Total Current Supplies</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
None						
<b>Total Water Management Strategies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-292  
Rockwall County Manufacturing**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>35</b>	<b>40</b>	<b>45</b>	<b>50</b>	<b>55</b>	<b>61</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District (through Rockwall)	32	31	32	33	34	35
<b>Total Current Supplies</b>	<b>32</b>	<b>31</b>	<b>32</b>	<b>33</b>	<b>34</b>	<b>35</b>
<b>Need (Demand - Current Supply)</b>	<b>3</b>	<b>9</b>	<b>13</b>	<b>17</b>	<b>21</b>	<b>26</b>
<b>Water Management Strategies</b>						
Water Conservation	0	0	1	1	2	2
Additional water from NTMWD	3	9	12	16	19	24
<b>Total Water Management Strategies</b>	<b>3</b>	<b>9</b>	<b>13</b>	<b>17</b>	<b>21</b>	<b>26</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-293  
Rockwall County Mining**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	0	0	0	0	0	0
<b>Currently Available Water Supplies</b>						
None	0	0	0	0	0	0
<b>Total Current Supplies</b>	0	0	0	0	0	0
<b>Need (Demand - Current Supply)</b>	0	0	0	0	0	0
<b>Water Management Strategies</b>						
None						
<b>Total Water Management Strategies</b>	0	0	0	0	0	0
<b>Reserve (Shortage)</b>	0	0	0	0	0	0

**Table C-294  
Rockwall County Other**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	3,527	3,527	3,527	3,527	12,000	20,000
<b>Projected Water Demand</b>						
Municipal Demand	568	564	562	560	1,886	3,139
<b>Total Projected Water Demand</b>	568	564	562	560	1,886	3,139
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District (through various providers)	523	432	397	373	1,177	1,813
<b>Total Current Supplies</b>	523	432	397	373	1,177	1,813
<b>Need (Demand - Current Supply)</b>	45	132	165	187	709	1,326
<b>Water Management Strategies</b>						
Water Conservation	5	7	6	7	31	63
Additional Water from NTMWD	40	125	159	180	678	1,263
<b>Total Water Management Strategies</b>	45	132	165	187	709	1,326
<b>Reserve (Shortage)</b>	0	0	0	0	0	0

**Table C-295  
Rockwall County Steam Electric Power**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	0	0	0	0	0	0
<b>Currently Available Water Supplies</b>						
None	0	0	0	0	0	0
<b>Total Current Supplies</b>	0	0	0	0	0	0
<b>Need (Demand - Current Supply)</b>	0	0	0	0	0	0
<b>Water Management Strategies</b>						
None						
<b>Total Water Management Strategies</b>	0	0	0	0	0	0
<b>Reserve (Shortage)</b>	0	0	0	0	0	0

**Table C-296  
Rose Hill Special Utility District**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	5,278	6,611	8,139	9,897	13,000	20,000
<b>Projected Water Demand</b>						
Municipal Demand	456	546	656	789	1,033	1,586
Customer Demand (Post Oak Bend City)	93	113	134	205	276	550
<b>Total Projected Demand</b>	549	659	790	994	1,309	2,136
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District	420	418	463	525	644	916
NTWMD (for Post Oak Bend City)	86	87	95	136	172	318
<b>Total Current Supplies</b>	506	505	558	662	817	1,234
<b>Need (Demand - Current Supply)</b>	43	154	232	332	492	902
<b>Water Management Strategies</b>						
Water Conservation	4	6	7	11	17	32
Water Conservation (customer)	1	1	1	3	5	11
Additional Water from NTWMD	32	122	186	253	372	638
Add'l Water from NTWMD for Post Oak	6	25	38	66	99	221
<b>Total Water Management Strategies</b>	43	154	232	332	492	902
<b>Reserve (Shortage)</b>	0	0	0	0	0	0

**Table C-297  
Rowlett**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>64,500</b>	<b>70,000</b>	<b>70,000</b>	<b>70,000</b>	<b>70,000</b>	<b>70,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	9,870	10,484	10,348	10,270	10,249	10,248
<b>Total Projected Demand</b>	<b>9,870</b>	<b>10,484</b>	<b>10,348</b>	<b>10,270</b>	<b>10,249</b>	<b>10,248</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District	9,093	8,033	7,308	6,837	6,395	5,918
<b>Total Current Supplies</b>	<b>9,093</b>	<b>8,033</b>	<b>7,308</b>	<b>6,837</b>	<b>6,395</b>	<b>5,918</b>
<b>Need (Demand - Current Supply)</b>	<b>777</b>	<b>2,451</b>	<b>3,040</b>	<b>3,433</b>	<b>3,854</b>	<b>4,330</b>
<b>Water Management Strategies</b>						
Water Conservation	82	119	103	137	171	205
Additional Water from NTMWD	695	2,332	2,937	3,296	3,683	4,125
<b>Total Water Management Strategies</b>	<b>777</b>	<b>2,451</b>	<b>3,040</b>	<b>3,433</b>	<b>3,854</b>	<b>4,330</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-298  
Royse City**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>10,864</b>	<b>15,452</b>	<b>23,572</b>	<b>45,737</b>	<b>80,973</b>	<b>91,316</b>
<b>Projected Water Demand</b>						
Municipal Demand	1,261	1,746	2,628	5,065	8,948	10,089
<b>Total Projected Demand</b>	<b>1,261</b>	<b>1,746</b>	<b>2,628</b>	<b>5,065</b>	<b>8,948</b>	<b>10,089</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District	1,122	1,298	1,811	3,318	5,516	5,742
<b>Total Current Supplies</b>	<b>1,122</b>	<b>1,298</b>	<b>1,811</b>	<b>3,318</b>	<b>5,516</b>	<b>5,742</b>
<b>Need (Demand - Current Supply)</b>	<b>139</b>	<b>448</b>	<b>817</b>	<b>1,747</b>	<b>3,432</b>	<b>4,347</b>
<b>Water Management Strategies</b>						
Water Conservation	10	17	26	66	147	199
Additional Water from NTMWD	129	431	791	1,681	3,285	4,148
<b>Total Water Management Strategies</b>	<b>139</b>	<b>448</b>	<b>817</b>	<b>1,747</b>	<b>3,432</b>	<b>4,347</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-299  
Runaway Bay**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>1,448</b>	<b>1,633</b>	<b>1,822</b>	<b>2,200</b>	<b>2,500</b>	<b>3,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	350	388	428	514	584	700
<b>Total Projected Demand</b>	<b>350</b>	<b>388</b>	<b>428</b>	<b>514</b>	<b>584</b>	<b>700</b>
<b>Currently Available Water Supplies</b>						
Tarrant Regional Water District	350	353	344	365	370	396
<b>Total Current Supplies</b>	<b>350</b>	<b>353</b>	<b>344</b>	<b>365</b>	<b>370</b>	<b>396</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>35</b>	<b>84</b>	<b>149</b>	<b>214</b>	<b>304</b>
<b>Water Management Strategies</b>						
Water Conservation	6	10	13	17	21	28
Additional Water from TRWD with infrastructure below:	0	25	71	132	193	276
<i>0.5 MGD Water Treatment Plant Expansion</i>						100
<i>Increase capacity of lake intake</i>						100
<b>Total Water Management Strategies</b>	<b>6</b>	<b>35</b>	<b>84</b>	<b>149</b>	<b>214</b>	<b>304</b>
<b>Reserve (Shortage)</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-300  
Sachse**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>28,499</b>	<b>28,499</b>	<b>28,499</b>	<b>28,499</b>	<b>28,499</b>	<b>28,499</b>
<b>Projected Water Demand</b>						
Municipal Demand	5,179	5,124	5,091	5,071	5,064	5,062
<b>Total Projected Demand</b>	<b>5,179</b>	<b>5,124</b>	<b>5,091</b>	<b>5,071</b>	<b>5,064</b>	<b>5,062</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District	4,771	3,926	3,596	3,376	3,159	2,923
<b>Total Current Supplies</b>	<b>4,771</b>	<b>3,926</b>	<b>3,596</b>	<b>3,376</b>	<b>3,159</b>	<b>2,923</b>
<b>Need (Demand - Current Supply)</b>	<b>408</b>	<b>1,198</b>	<b>1,495</b>	<b>1,695</b>	<b>1,905</b>	<b>2,139</b>
<b>Water Management Strategies</b>						
Water Conservation	95	137	153	169	186	202
Additional Water from NTMWD	313	1,061	1,342	1,526	1,719	1,937
<b>Total Water Management Strategies</b>	<b>408</b>	<b>1,198</b>	<b>1,495</b>	<b>1,695</b>	<b>1,905</b>	<b>2,139</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-301  
Saginaw**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>23,004</b>	<b>26,202</b>	<b>29,400</b>	<b>31,000</b>	<b>31,000</b>	<b>31,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	3,148	3,503	3,876	4,059	4,052	4,051
<b>Total Projected Demand</b>	<b>3,148</b>	<b>3,503</b>	<b>3,876</b>	<b>4,059</b>	<b>4,052</b>	<b>4,051</b>
<b>Currently Available Water Supplies</b>						
Fort Worth (TRWD)	2,996	2,825	2,649	2,498	2,283	2,098
<b>Total Current Supplies</b>	<b>2,996</b>	<b>2,825</b>	<b>2,649</b>	<b>2,498</b>	<b>2,283</b>	<b>2,098</b>
<b>Need (Demand - Current Supply)</b>	<b>152</b>	<b>678</b>	<b>1,227</b>	<b>1,561</b>	<b>1,769</b>	<b>1,953</b>
<b>Water Management Strategies</b>						
Water Conservation	26	39	39	54	68	81
Additional Water from Fort Worth	126	639	1,188	1,507	1,701	1,872
<b>Total Water Management Strategies</b>	<b>152</b>	<b>678</b>	<b>1,227</b>	<b>1,561</b>	<b>1,769</b>	<b>1,953</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-302  
Sanger**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>8,632</b>	<b>10,713</b>	<b>13,199</b>	<b>15,977</b>	<b>19,229</b>	<b>22,941</b>
<b>Projected Water Demand</b>						
Municipal Demand	1,202	1,452	1,763	2,119	2,545	3,034
<b>Total Projected Demand</b>	<b>1,202</b>	<b>1,452</b>	<b>1,763</b>	<b>2,119</b>	<b>2,545</b>	<b>3,034</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	1,121	1,121	1,121	1,121	1,121	1,121
Upper Trinity Regional Water District	78	342	525	647	808	894
<b>Total Current Supplies</b>	<b>1,199</b>	<b>1,463</b>	<b>1,646</b>	<b>1,768</b>	<b>1,930</b>	<b>2,016</b>
<b>Need (Demand - Current Supply)</b>	<b>3</b>	<b>0</b>	<b>117</b>	<b>351</b>	<b>615</b>	<b>1,018</b>
<b>Water Management Strategies</b>						
Water Conservation	10	16	18	28	42	61
Additional Water from UTRWD	0	82	319	660	1,021	1,405
<b>Total Water Management Strategies</b>	<b>10</b>	<b>98</b>	<b>337</b>	<b>688</b>	<b>1,063</b>	<b>1,466</b>
<b>Reserve (Shortage)</b>	<b>7</b>	<b>109</b>	<b>220</b>	<b>337</b>	<b>447</b>	<b>447</b>



**Table C-303  
Sansom Park**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>4,800</b>	<b>5,100</b>	<b>5,723</b>	<b>6,064</b>	<b>6,406</b>	<b>6,740</b>
<b>Projected Water Demand</b>						
Municipal Demand	534	545	592	617	650	683
<b>Total Projected Demand</b>	<b>534</b>	<b>545</b>	<b>592</b>	<b>617</b>	<b>650</b>	<b>683</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	578	578	578	578	578	578
Fort Worth (TRWD)	0	0	10	24	41	54
<b>Total Current Supplies</b>	<b>578</b>	<b>578</b>	<b>588</b>	<b>602</b>	<b>619</b>	<b>632</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>15</b>	<b>31</b>	<b>51</b>
<b>Water Management Strategies</b>						
Water Conservation	4	6	6	8	11	14
Add'l Fort Worth	0	0	0	7	20	37
<b>Total Water Management Strategies</b>	<b>4</b>	<b>6</b>	<b>6</b>	<b>15</b>	<b>31</b>	<b>51</b>
<b>Reserve (Shortage)</b>	<b>48</b>	<b>39</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-304  
Sardis-Lone Elm Water Supply Corporation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>14,500</b>	<b>18,000</b>	<b>22,000</b>	<b>24,000</b>	<b>25,340</b>	<b>25,340</b>
<b>Projected Water Demand</b>						
Municipal Demand	3,904	4,793	5,824	6,338	6,688	6,686
<b>Total Projected Demand</b>	<b>3,904</b>	<b>4,793</b>	<b>5,824</b>	<b>6,338</b>	<b>6,688</b>	<b>6,686</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	352	352	352	352	352	352
Woodbine Aquifer	1,386	1,386	1,386	1,386	1,386	1,386
Rockett Special Utility District (TRWD and Midlothian)	1,508	1,525	1,484	1,417	1,343	1,105
<b>Total Current Supplies</b>	<b>3,246</b>	<b>3,263</b>	<b>3,222</b>	<b>3,155</b>	<b>3,081</b>	<b>2,843</b>
<b>Need (Demand - Current Supply)</b>	<b>658</b>	<b>1,530</b>	<b>2,602</b>	<b>3,183</b>	<b>3,607</b>	<b>3,843</b>
<b>Water Management Strategies</b>						
Water Conservation	72	123	175	211	245	267
Rockett Special Utility District (TRWD)	586	1,407	2,427	2,972	3,362	3,576
Increase delivery Infrastructure from Rockett SUD	0	0	548	1,026	1,342	1,318
Connect to Midlothian	1,121	1,121	1,121	1,121	1,121	1,121
<b>Total Water Management Strategies</b>	<b>1,779</b>	<b>2,651</b>	<b>3,723</b>	<b>4,304</b>	<b>4,728</b>	<b>4,964</b>
<b>Reserve (Shortage)</b>	<b>1,121</b>	<b>1,121</b>	<b>1,121</b>	<b>1,121</b>	<b>1,121</b>	<b>1,121</b>

**Table C-305  
Savoy**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	924	1,016	1,086	1,151	1,249	1,355
<b>Projected Water Demand</b>						
Municipal Demand	88	92	94	98	106	115
<b>Total Projected Demand</b>	<b>88</b>	<b>92</b>	<b>94</b>	<b>98</b>	<b>106</b>	<b>115</b>
<b>Currently Available Water Supplies</b>						
Woodbine Aquifer	88	88	88	88	88	88
<b>Total Current Supplies</b>	<b>88</b>	<b>88</b>	<b>88</b>	<b>88</b>	<b>88</b>	<b>88</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>4</b>	<b>6</b>	<b>10</b>	<b>18</b>	<b>27</b>
<b>Water Management Strategies</b>						
Water Conservation	1	1	1	1	2	2
Fannin County Water Supply Project (NTMWD)	0	31	43	47	54	63
<b>Total Water Management Strategies</b>	<b>1</b>	<b>32</b>	<b>44</b>	<b>48</b>	<b>56</b>	<b>65</b>
<b>Reserve (Shortage)</b>	<b>1</b>	<b>28</b>	<b>38</b>	<b>38</b>	<b>38</b>	<b>38</b>

**Table C-306  
Scurry**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	850	1,050	1,250	1,919	2,700	6,000
<b>Projected Water Demand</b>						
Municipal Demand	59	71	85	129	182	404
<b>Total Projected Demand</b>	<b>59</b>	<b>71</b>	<b>85</b>	<b>129</b>	<b>182</b>	<b>404</b>
<b>Currently Available Water Supplies</b>						
Gastonia-Scurry WSC (NTMWD)	54	54	60	86	114	233
<b>Total Current Supplies</b>	<b>54</b>	<b>54</b>	<b>60</b>	<b>86</b>	<b>114</b>	<b>233</b>
<b>Need (Demand - Current Supply)</b>	<b>5</b>	<b>17</b>	<b>25</b>	<b>43</b>	<b>68</b>	<b>171</b>
<b>Water Management Strategies</b>						
Water Conservation	0	1	1	2	3	8
Additional Water from Gastonia-Scurry WSC (NTMWD)	5	16	24	41	65	163
<b>Total Water Management Strategies</b>	<b>5</b>	<b>17</b>	<b>25</b>	<b>43</b>	<b>68</b>	<b>171</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-307  
Seagoville**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population In City Only</b>	<b>18,854</b>	<b>22,873</b>	<b>26,892</b>	<b>30,911</b>	<b>35,000</b>	<b>35,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	2,062	2,413	2,779	3,162	3,571	3,571
Customer Demand	757	824	996	1,278	2,316	4,032
<b>Total Projected Demand</b>	<b>2,819</b>	<b>3,237</b>	<b>3,775</b>	<b>4,440</b>	<b>5,887</b>	<b>7,603</b>
<b>Currently Available Water Supplies</b>						
Dallas Water Utilities	1,682	1,682	1,682	1,682	1,682	1,682
<b>Total Current Supplies</b>	<b>1,682</b>	<b>1,682</b>	<b>1,682</b>	<b>1,682</b>	<b>1,682</b>	<b>1,682</b>
<b>Need (Demand - Current Supply)</b>	<b>1,137</b>	<b>1,555</b>	<b>2,093</b>	<b>2,758</b>	<b>4,205</b>	<b>5,921</b>
<b>Water Management Strategies</b>						
Water Conservation	17	26	28	42	60	71
Water Conservation (customers)	14	19	19	29	52	95
Additional Dallas Water	1,107	1,511	2,047	2,688	4,094	5,756
<b>Total Water Management Strategies</b>	<b>1,138</b>	<b>1,556</b>	<b>2,094</b>	<b>2,759</b>	<b>4,206</b>	<b>5,922</b>
<b>Reserve (Shortage)</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>

Note: See Appendix H for details on demands.

**Table C-308  
Seis Lagos Utility District**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>2,130</b>	<b>2,130</b>	<b>2,130</b>	<b>2,130</b>	<b>2,130</b>	<b>2,130</b>
<b>Projected Water Demand</b>						
Municipal Demand	603	598	596	594	594	594
<b>Total Projected Demand</b>	<b>603</b>	<b>598</b>	<b>596</b>	<b>594</b>	<b>594</b>	<b>594</b>
<b>Currently Available Water Supplies</b>						
NTMWD	556	458	421	395	371	343
<b>Total Current Supplies</b>	<b>556</b>	<b>458</b>	<b>421</b>	<b>395</b>	<b>371</b>	<b>343</b>
<b>Need (Demand - Current Supply)</b>	<b>47</b>	<b>140</b>	<b>175</b>	<b>199</b>	<b>223</b>	<b>251</b>
<b>Water Management Strategies</b>						
Water Conservation	34	39	41	42	44	46
Additional Water from NTMWD	13	101	134	157	179	205
<b>Total Water Management Strategies</b>	<b>47</b>	<b>140</b>	<b>175</b>	<b>199</b>	<b>223</b>	<b>251</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-309  
Seven Points**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>1,605</b>	<b>1,881</b>	<b>2,162</b>	<b>2,737</b>	<b>3,238</b>	<b>3,784</b>
<b>Projected Water Demand</b>						
Municipal Demand	355	409	465	586	692	808
<b>Total Projected Demand</b>	<b>355</b>	<b>409</b>	<b>465</b>	<b>586</b>	<b>692</b>	<b>808</b>
<b>Currently Available Water Supplies</b>						
West Cedar Creek Municipal Utility District (TRWD)	310	318	322	353	311	270
<b>Total Current Supplies</b>	<b>310</b>	<b>318</b>	<b>322</b>	<b>353</b>	<b>311</b>	<b>270</b>
<b>Need (Demand - Current Supply)</b>	<b>45</b>	<b>91</b>	<b>143</b>	<b>233</b>	<b>381</b>	<b>538</b>
<b>Water Management Strategies</b>						
Water Conservation	7	11	14	20	25	32
Additional Water from WCCMUD (retail)	38	80	129	213	356	506
<b>Total Water Management Strategies</b>	<b>45</b>	<b>91</b>	<b>143</b>	<b>233</b>	<b>381</b>	<b>538</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-310  
Shady Shores**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>3,441</b>	<b>3,936</b>	<b>3,936</b>	<b>3,936</b>	<b>3,936</b>	<b>3,936</b>
<b>Projected Water Demand</b>						
Municipal Demand	461	516	511	508	507	506
<b>Total Projected Demand</b>	<b>461</b>	<b>516</b>	<b>511</b>	<b>508</b>	<b>507</b>	<b>506</b>
<b>Currently Available Water Supplies</b>						
Lake Cities Municipal Utility Authority (Groundwater)	76	76	76	76	76	76
Lake Cities Municipal Utility Authority (UTRWD)	385	348	279	225	203	178
<b>Total Current Supplies</b>	<b>461</b>	<b>424</b>	<b>355</b>	<b>302</b>	<b>279</b>	<b>254</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>92</b>	<b>156</b>	<b>206</b>	<b>228</b>	<b>252</b>
<b>Water Management Strategies</b>						
Water Conservation	4	6	5	7	8	10
Additional Water from Lake Cities MUA	0	93	166	223	250	272
<b>Total Water Management Strategies</b>	<b>4</b>	<b>99</b>	<b>171</b>	<b>230</b>	<b>258</b>	<b>282</b>
<b>Reserve (Shortage)</b>	<b>4</b>	<b>7</b>	<b>15</b>	<b>23</b>	<b>30</b>	<b>30</b>

**Table C-311  
Sherman**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population (In City Only)</b>	<b>42,880</b>	<b>45,000</b>	<b>50,000</b>	<b>58,000</b>	<b>75,000</b>	<b>105,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	10,543	10,881	11,928	13,741	17,732	24,800
Treated Customer Demand	6,226	6,714	7,619	8,090	9,510	11,935
Raw (SEP) Customer Demand	6,163	6,163	6,163	6,163	6,163	6,163
<b>Total Projected Demand</b>	<b>22,932</b>	<b>23,758</b>	<b>25,710</b>	<b>27,994</b>	<b>33,405</b>	<b>42,898</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	4,083	4,083	4,083	4,083	4,083	4,083
Woodbine Aquifer	1,289	1,289	1,289	1,289	1,289	1,289
Greater Texoma Utility Authority (Lake Texoma, Treated, limited by WTP)	11,210	11,210	11,210	11,210	11,210	11,210
Greater Texoma Utility Authority (Lake Texoma, Raw)	6,163	6,163	6,163	6,163	6,163	6,163
<b>Total Current Treated Supplies</b>	<b>16,582</b>	<b>16,582</b>	<b>16,582</b>	<b>16,582</b>	<b>16,582</b>	<b>16,582</b>
<b>Total Current Raw Supplies</b>	<b>6,163</b>	<b>6,163</b>	<b>6,163</b>	<b>6,163</b>	<b>6,163</b>	<b>6,163</b>
<b>Treated Need (Demand - Current Supply)</b>	<b>187</b>	<b>1,013</b>	<b>2,965</b>	<b>5,249</b>	<b>10,660</b>	<b>20,153</b>
<b>Raw Water Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	193	288	358	458	650	992
Water Conservation (customers)	36	90	168	240	319	439
Grayson County WSP - Additional Texoma Supply from GTUA:						
10 MGD WTP Expansion (desal)	5,605	5,605	5,605	11,210	11,210	22,420
10 MGD New WTP (desal)				5,605	5,605	5,605
20 MGD WTP Expansion (desal)						11,210
<b>Total Water Management Strategies</b>	<b>5,834</b>	<b>5,983</b>	<b>6,131</b>	<b>11,908</b>	<b>12,179</b>	<b>23,851</b>
<b>Reserve (Shortage)</b>	<b>5,647</b>	<b>4,970</b>	<b>3,166</b>	<b>6,659</b>	<b>1,519</b>	<b>3,698</b>

**Table C-312**  
**South Grayson Water Supply Corporation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	4,500	5,000	6,000	6,500	7,000	7,500
<b>Projected Water Demand</b>						
Municipal Demand	551	599	708	762	818	875
<b>Total Projected Demand</b>	<b>551</b>	<b>599</b>	<b>708</b>	<b>762</b>	<b>818</b>	<b>875</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	275	275	275	275	275	275
Woodbine Aquifer	551	551	551	551	551	551
<b>Total Current Supplies</b>	<b>826</b>	<b>826</b>	<b>826</b>	<b>826</b>	<b>826</b>	<b>826</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>49</b>
<b>Water Management Strategies</b>						
Water Conservation	5	7	7	10	14	18
Grayson County Water Supply Project (GTUA - Sherman WTP)	95	93	93	90	86	82
<b>Total Water Management Strategies</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>Reserve (Shortage)</b>	<b>375</b>	<b>327</b>	<b>218</b>	<b>164</b>	<b>108</b>	<b>51</b>

**Table C-313**  
**Southlake**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	27,818	31,315	36,669	42,065	47,528	53,057
<b>Projected Water Demand</b>						
Municipal Demand	11,501	12,865	15,005	17,178	19,392	21,642
<b>Total Projected Demand</b>	<b>11,501</b>	<b>12,865</b>	<b>15,005</b>	<b>17,178</b>	<b>19,392</b>	<b>21,642</b>
<b>Currently Available Water Supplies</b>						
Fort Worth (TRWD)	10,947	10,376	10,256	10,574	10,924	11,208
<b>Total Current Supplies</b>	<b>10,947</b>	<b>10,376</b>	<b>10,256</b>	<b>10,574</b>	<b>10,924</b>	<b>11,208</b>
<b>Need (Demand - Current Supply)</b>	<b>554</b>	<b>2,489</b>	<b>4,749</b>	<b>6,604</b>	<b>8,468</b>	<b>10,434</b>
<b>Water Management Strategies</b>						
Water Conservation	261	393	517	649	797	962
Additional Water from Fort Worth	293	2,096	4,232	5,955	7,671	9,472
<i>Increase delivery infrastructure from Ft Worth</i>	0	141	2,157	4,198	6,264	8,349
<b>Total Water Management Strategies</b>	<b>554</b>	<b>2,489</b>	<b>4,749</b>	<b>6,604</b>	<b>8,468</b>	<b>10,434</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-314  
Southmayd**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>1,098</b>	<b>1,222</b>	<b>1,344</b>	<b>1,483</b>	<b>2,000</b>	<b>3,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	97	103	110	119	159	238
<b>Total Projected Demand</b>	<b>97</b>	<b>103</b>	<b>110</b>	<b>119</b>	<b>159</b>	<b>238</b>
<b>Currently Available Water Supplies</b>						
Woodbine Aquifer	161	161	161	161	161	161
<b>Total Current Supplies</b>	<b>161</b>	<b>161</b>	<b>161</b>	<b>161</b>	<b>161</b>	<b>161</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>77</b>
<b>Water Management Strategies</b>						
Water Conservation	1	1	1	2	3	5
Grayson County Water Supply Project (Sherman WTP)	0	0	49	48	72	95
New Well Woodbine Aquifer						77
<b>Total Water Management Strategies</b>	<b>1</b>	<b>1</b>	<b>50</b>	<b>50</b>	<b>75</b>	<b>177</b>
<b>Reserve (Shortage)</b>	<b>65</b>	<b>59</b>	<b>101</b>	<b>92</b>	<b>77</b>	<b>100</b>

**Table C-315  
Southwest Fannin County Special Utility District**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>5,628</b>	<b>6,913</b>	<b>8,096</b>	<b>9,384</b>	<b>12,000</b>	<b>15,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	559	664	763	878	1,118	1,394
<b>Total Projected Demand</b>	<b>559</b>	<b>664</b>	<b>763</b>	<b>878</b>	<b>1,118</b>	<b>1,394</b>
<b>Currently Available Water Supplies</b>						
Woodbine Aquifer	610	610	610	610	610	610
<b>Total Current Supplies</b>	<b>610</b>	<b>610</b>	<b>610</b>	<b>610</b>	<b>610</b>	<b>610</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>54</b>	<b>153</b>	<b>268</b>	<b>508</b>	<b>784</b>
<b>Water Management Strategies</b>						
Water Conservation	5	7	8	12	19	28
New Well in Woodbine Aquifer and Transmission Facilities		100	100	100	100	100
Fannin County Water Supply Project		336	434	545	778	1,045
<b>Total Water Management Strategies</b>	<b>5</b>	<b>443</b>	<b>542</b>	<b>657</b>	<b>897</b>	<b>1,173</b>
<b>Reserve (Shortage)</b>	<b>56</b>	<b>389</b>	<b>389</b>	<b>389</b>	<b>389</b>	<b>389</b>

**Table C-316  
Springtown**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	4,079	5,500	5,500	5,500	5,500	5,500
<b>Projected Water Demand</b>						
Municipal Demand	577	757	749	745	744	743
<b>Total Projected Demand</b>	<b>577</b>	<b>757</b>	<b>749</b>	<b>745</b>	<b>744</b>	<b>743</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	95	95	95	95	95	95
Tarrant Regional Water District	340	340	340	340	340	327
<b>Total Current Supplies</b>	<b>435</b>	<b>435</b>	<b>435</b>	<b>435</b>	<b>435</b>	<b>422</b>
<b>Need (Demand - Current Supply)</b>	<b>142</b>	<b>322</b>	<b>314</b>	<b>310</b>	<b>309</b>	<b>321</b>
<b>Water Management Strategies</b>						
Water Conservation	5	8	7	10	12	15
Trinity Aquifer - new wells	70	70	70	70	70	70
Additional Water from TRWD	67	244	237	230	227	236
<i>Infrastructure needs (Lake Intake modifications for lower lake levels)</i>	<i>67</i>	<i>244</i>	<i>237</i>	<i>230</i>	<i>227</i>	<i>236</i>
<b>Total Water Management Strategies</b>	<b>142</b>	<b>322</b>	<b>314</b>	<b>310</b>	<b>309</b>	<b>321</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-317  
Saint Paul**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	1,965	2,255	2,453	2,559	2,666	2,666
<b>Projected Water Demand</b>						
Municipal Demand	265	298	322	334	348	347
<b>Total Projected Demand</b>	<b>265</b>	<b>298</b>	<b>322</b>	<b>334</b>	<b>348</b>	<b>347</b>
<b>Currently Available Water Supplies</b>						
NTMWD (through Wylie Northeast SUD)	244	228	227	222	217	200
<b>Total Current Supplies</b>	<b>244</b>	<b>228</b>	<b>227</b>	<b>222</b>	<b>217</b>	<b>200</b>
<b>Need (Demand - Current Supply)</b>	<b>21</b>	<b>70</b>	<b>95</b>	<b>112</b>	<b>131</b>	<b>147</b>
<b>Water Management Strategies</b>						
Water Conservation	2	3	3	4	6	7
Additional Water from NTMWD	19	67	92	108	125	140
<b>Total Water Management Strategies</b>	<b>21</b>	<b>70</b>	<b>95</b>	<b>112</b>	<b>131</b>	<b>147</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



**Table C-318  
Sunnyvale**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>7,000</b>	<b>10,000</b>	<b>13,000</b>	<b>15,000</b>	<b>18,000</b>	<b>18,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	2,357	3,332	4,313	4,968	5,958	5,957
<b>Total Projected Demand</b>	<b>2,357</b>	<b>3,332</b>	<b>4,313</b>	<b>4,968</b>	<b>5,958</b>	<b>5,957</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District	2,172	2,553	3,046	3,307	3,717	3,440
<b>Total Current Supplies</b>	<b>2,172</b>	<b>2,553</b>	<b>3,046</b>	<b>3,307</b>	<b>3,717</b>	<b>3,440</b>
<b>Need (Demand - Current Supply)</b>	<b>185</b>	<b>779</b>	<b>1,267</b>	<b>1,661</b>	<b>2,241</b>	<b>2,517</b>
<b>Water Management Strategies</b>						
Water Conservation	43	84	129	166	218	238
Additional Water from NTMWD and additional pipeline	142	695	1,138	1,495	2,023	2,279
<b>Total Water Management Strategies</b>	<b>185</b>	<b>779</b>	<b>1,267</b>	<b>1,661</b>	<b>2,241</b>	<b>2,517</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-319  
Talty**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>2,306</b>	<b>2,889</b>	<b>3,557</b>	<b>4,325</b>	<b>6,000</b>	<b>10,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	305	377	462	560	775	1,289
<b>Total Projected Demand</b>	<b>305</b>	<b>377</b>	<b>462</b>	<b>560</b>	<b>775</b>	<b>1,289</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District (through Talty WSC 67%)	188	194	219	250	324	499
North Texas Municipal Water District (through Gastonia-Scurry SUD 33%)	93	95	108	123	160	246
<b>Total Current Supplies</b>	<b>281</b>	<b>289</b>	<b>326</b>	<b>373</b>	<b>484</b>	<b>744</b>
<b>Need (Demand - Current Supply)</b>	<b>24</b>	<b>88</b>	<b>136</b>	<b>187</b>	<b>291</b>	<b>545</b>
<b>Water Management Strategies</b>						
Water Conservation	3	4	5	7	13	26
Add'l Water from Talty WSC (NTMWD)	14	56	88	121	187	347
Add'l Water from G-S SUD(NTMWD)	7	28	43	59	92	171
<b>Total Water Management Strategies</b>	<b>24</b>	<b>88</b>	<b>136</b>	<b>187</b>	<b>291</b>	<b>545</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-320**  
**Talty Water Supply Corporation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>9,663</b>	<b>11,103</b>	<b>12,902</b>	<b>18,121</b>	<b>23,000</b>	<b>30,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	1,584	1,801	2,083	2,914	3,693	4,813
Talty (67%)	204	253	310	375	519	864
<b>Total Projected Demand</b>	<b>1,788</b>	<b>2,054</b>	<b>2,393</b>	<b>3,289</b>	<b>4,212</b>	<b>5,677</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District	1,459	1,380	1,471	1,940	2,304	2,780
NTWMD (for Talty)	188	194	219	250	324	499
<b>Total Current Supplies</b>	<b>1,648</b>	<b>1,574</b>	<b>1,690</b>	<b>2,190</b>	<b>2,628</b>	<b>3,278</b>
<b>Need (Demand - Current Supply)</b>	<b>140</b>	<b>480</b>	<b>703</b>	<b>1,099</b>	<b>1,584</b>	<b>2,399</b>
<b>Water Management Strategies</b>						
Water Conservation Talty WSC	29	47	62	97	135	193
Water Conservation Talty (67%)	2	3	3	5	9	17
Add'l NTWMD	96	374	551	877	1,254	1,841
Add'l NTWMD for Talty	14	56	88	121	187	347
<b>Total Water Management Strategies</b>	<b>141</b>	<b>480</b>	<b>703</b>	<b>1,100</b>	<b>1,585</b>	<b>2,399</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>

**Table C-321  
Tarrant County Irrigation**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>4,466</b>	<b>4,466</b>	<b>4,466</b>	<b>4,466</b>	<b>4,466</b>	<b>4,466</b>
<b>Currently Available Water Supplies</b>						
Local Supplies	549	549	549	549	549	549
Trinity Aquifer	752	752	752	752	752	752
Woodbine Aquifer	632	632	632	632	632	632
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	1,340	1,219	1,078	952	849	758
Direct Reuse (Fort Worth)	2,000	2,000	2,000	2,000	2,000	2,000
<b>Total Current Supplies</b>	<b>6,694</b>	<b>6,574</b>	<b>6,432</b>	<b>6,307</b>	<b>6,204</b>	<b>6,112</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	8	138	266	334	396	459
Add'l Tarrant Regional WD	0	0	0	53	94	123
<b>Total Water Management Strategies</b>	<b>8</b>	<b>138</b>	<b>266</b>	<b>387</b>	<b>490</b>	<b>582</b>
<b>Reserve (Shortage)</b>	<b>2,236</b>	<b>2,246</b>	<b>2,232</b>	<b>2,228</b>	<b>2,228</b>	<b>2,228</b>

**Table C-322  
Tarrant County Livestock**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>723</b>	<b>723</b>	<b>723</b>	<b>723</b>	<b>723</b>	<b>723</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	281	281	281	281	281	281
Local Supplies	442	442	442	442	442	442
<b>Total Current Supplies</b>	<b>723</b>	<b>723</b>	<b>723</b>	<b>723</b>	<b>723</b>	<b>723</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
None						
<b>Total Water Management Strategies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-323  
Tarrant County Manufacturing**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>20,444</b>	<b>23,630</b>	<b>26,924</b>	<b>29,919</b>	<b>32,457</b>	<b>35,210</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	1,937	1,937	1,937	1,937	1,937	1,937
Trinity Aquifer (Through Kennedale)	102	118	135	150	162	176
Fort Worth (TRWD Sources)	15,275	14,961	14,446	14,456	14,353	14,314
Arlington (TRWD Sources)	2,275	2,623	2,650	2,599	2,525	2,433
Mansfield (TRWD Sources)	279	296	300	280	274	269
Grand Prairie (TRWD Sources)	195	180	162	157	148	147
<b>Total Current Supplies</b>	<b>20,063</b>	<b>20,115</b>	<b>19,630</b>	<b>19,579</b>	<b>19,399</b>	<b>19,276</b>
<b>Need (Demand - Current Supply)</b>	<b>381</b>	<b>3,515</b>	<b>7,294</b>	<b>10,340</b>	<b>13,058</b>	<b>15,934</b>
<b>Water Management Strategies</b>						
Water Conservation	0	47	556	834	919	999
Add'l water from Ft Worth (TRWD)	774	3,552	6,253	8,375	10,405	12,542
Add'l water from Arlington (TRWD)	178	207	514	891	1,260	1,672
Add'l water from Mansfield (TRWD)	130	176	226	302	356	415
Add'l water from Grand Prairie (TRWD)	112	173	234	279	325	366
<b>Total Water Management Strategies</b>	<b>1,194</b>	<b>4,156</b>	<b>7,783</b>	<b>10,681</b>	<b>13,265</b>	<b>15,994</b>
<b>Reserve (Shortage)</b>	<b>813</b>	<b>641</b>	<b>489</b>	<b>341</b>	<b>207</b>	<b>60</b>

**Table C-324  
Tarrant County Mining**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>7,367</b>	<b>4,482</b>	<b>1,589</b>	<b>1,537</b>	<b>1,497</b>	<b>1,464</b>
<b>Currently Available Water Supplies</b>						
Local supplies	342	342	342	342	342	342
Tarrant Regional Water District	6,567	3,351	635	524	442	376
Trinity Aquifer	800	800	800	800	800	800
<b>Total Current Supplies</b>	<b>7,709</b>	<b>4,493</b>	<b>1,777</b>	<b>1,666</b>	<b>1,584</b>	<b>1,518</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Tarrant Regional Water District	0	331	154	213	255	288
<b>Total Water Management Strategies</b>	<b>0</b>	<b>331</b>	<b>154</b>	<b>213</b>	<b>255</b>	<b>288</b>
<b>Reserve (Shortage)</b>	<b>342</b>	<b>342</b>	<b>342</b>	<b>342</b>	<b>342</b>	<b>342</b>

**Table C-325  
Tarrant County Other**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>36,012</b>	<b>36,012</b>	<b>36,012</b>	<b>60,000</b>	<b>80,000</b>	<b>110,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	8,008	7,862	7,743	11,410	14,509	19,178
<b>Total Projected Water Demand</b>	<b>8,008</b>	<b>7,862</b>	<b>7,743</b>	<b>11,410</b>	<b>14,509</b>	<b>19,178</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	1,200	1,200	1,200	1,200	1,200	1,200
TRWD direct (5% of non-DFW Airport demand) (Monarch Utilities)	240	212	183	292	358	452
Fort Worth	4,346	3,570	2,949	4,800	6,051	7,860
Fort Worth for DFW Airport	724	614	581	524	479	440
Fort Worth Reuse for DFW Airport	40	40	150	150	150	150
Dallas Water Utilities (for DFW Airport)	1,145	1,041	775	715	668	637
<b>Total Current Supplies</b>	<b>7,696</b>	<b>6,677</b>	<b>5,838</b>	<b>7,681</b>	<b>8,907</b>	<b>10,739</b>
<b>Need (Demand - Current Supply)</b>	<b>312</b>	<b>1,185</b>	<b>1,905</b>	<b>3,729</b>	<b>5,602</b>	<b>8,439</b>
<b>Water Management Strategies</b>						
Water Conservation	50	69	57	125	208	344
Additional Water from TRWD direct	0	19	42	115	199	333
Additional Water from Ft Worth	191	818	1,333	2,913	4,537	7,045
Add'l Water from Ft Worth (for DFW Airport)	77	187	420	477	522	561
Add'l Dallas (for DFW Airport)	56	160	226	286	333	364
<b>Total Water Management Strategies</b>	<b>374</b>	<b>1,253</b>	<b>2,078</b>	<b>3,915</b>	<b>5,799</b>	<b>8,647</b>
<b>Reserve (Shortage)</b>	<b>61</b>	<b>68</b>	<b>173</b>	<b>186</b>	<b>196</b>	<b>208</b>

**Table C-326  
Tarrant County Steam Electric Power**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>2,448</b>	<b>4,168</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>
<b>Currently Available Water Supplies</b>						
Run-of-River supplies	959	959	959	959	959	959
Tarrant Regional Water District	2,448	2,228	1,969	1,740	1,552	1,385
<b>Total Current Supplies</b>	<b>3,407</b>	<b>3,187</b>	<b>2,928</b>	<b>2,699</b>	<b>2,511</b>	<b>2,344</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>981</b>	<b>2,072</b>	<b>2,301</b>	<b>2,489</b>	<b>2,656</b>
<b>Water Management Strategies</b>						
Additional Water from TRWD	0	220	479	708	896	1,063
Reuse	0	1,528	2,360	2,360	2,360	2,360
<b>Total Water Management Strategies</b>	<b>0</b>	<b>1,748</b>	<b>2,839</b>	<b>3,068</b>	<b>3,256</b>	<b>3,423</b>
<b>Reserve (Shortage)</b>	<b>959</b>	<b>767</b>	<b>767</b>	<b>767</b>	<b>767</b>	<b>767</b>

**Table C-327**  
**Teague**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>3,750</b>	<b>4,000</b>	<b>5,600</b>	<b>7,050</b>	<b>8,500</b>	<b>10,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	380	386	515	637	765	899
Freestone County Manufacturing	40	40	40	40	40	40
<b>Total Projected Demand</b>	<b>420</b>	<b>426</b>	<b>555</b>	<b>677</b>	<b>805</b>	<b>939</b>
<b>Currently Available Water Supplies</b>						
Carrizo-Wilcox Aquifer	899	899	899	899	899	899
Carrizo-Wilcox Aquifer for manf	40	40	40	40	40	40
<b>Total Current Supplies</b>	<b>939</b>	<b>939</b>	<b>939</b>	<b>939</b>	<b>939</b>	<b>939</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	3	4	5	8	13	18
New Wells in Trinity Aquifer				200	200	200
<b>Total Water Management Strategies</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>208</b>	<b>213</b>	<b>218</b>
<b>Reserve (Shortage)</b>	<b>522</b>	<b>517</b>	<b>389</b>	<b>470</b>	<b>347</b>	<b>218</b>

**Table C-328**  
**Terrell**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population (In City Only)</b>	<b>23,769</b>	<b>43,403</b>	<b>52,959</b>	<b>65,689</b>	<b>76,235</b>	<b>88,473</b>
<b>Projected Water Demand</b>						
Municipal Demand	4,035	7,143	8,638	10,670	12,372	14,353
Manufacturing and Customer Demand	1,301	1,578	2,140	3,023	4,780	6,612
<b>Total Projected Demand</b>	<b>5,336</b>	<b>8,721</b>	<b>10,778</b>	<b>13,693</b>	<b>17,152</b>	<b>20,965</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District	4,915	6,682	6,726	6,726	6,726	6,726
<b>Total Current Supplies</b>	<b>4,915</b>	<b>6,682</b>	<b>6,726</b>	<b>6,726</b>	<b>6,726</b>	<b>6,726</b>
<b>Need (Demand - Current Supply)</b>	<b>421</b>	<b>2,039</b>	<b>4,052</b>	<b>6,967</b>	<b>10,426</b>	<b>14,239</b>
<b>Water Management Strategies</b>						
Water Conservation	74	175	259	356	454	574
Water Conservation (Customers)	7	10	17	24	36	49
Add'l NTMWD with Infrastructure as below:	340	1,854	3,776	6,587	9,936	13,616
<i>Infrastructure Upgrades to Deliver water to Wholesale Customers</i>	340	1,854	3,776	6,587	9,936	13,616
<i>Additional Connection to NTMWD</i>	340	1,854	3,776	6,587	9,936	13,616
<b>Total Water Management Strategies</b>	<b>421</b>	<b>2,039</b>	<b>4,052</b>	<b>6,967</b>	<b>10,426</b>	<b>14,239</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-329  
The Colony**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>51,000</b>	<b>58,000</b>	<b>62,000</b>	<b>67,600</b>	<b>67,600</b>	<b>67,600</b>
<b>Projected Water Demand</b>						
Municipal Demand	7,762	8,632	9,106	9,857	9,844	9,841
<b>Total Projected Demand</b>	<b>7,762</b>	<b>8,632</b>	<b>9,106</b>	<b>9,857</b>	<b>9,844</b>	<b>9,841</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	1,327	1,327	1,327	1,327	1,327	1,327
Dallas Water Utilities	4,992	4,600	4,320	4,377	3,952	3,635
Plano (NTMWD)	1,106	1,532	1,554	1,598	1,622	1,617
<b>Total Current Supplies</b>	<b>7,425</b>	<b>7,459</b>	<b>7,201</b>	<b>7,302</b>	<b>6,901</b>	<b>6,579</b>
<b>Need (Demand - Current Supply)</b>	<b>337</b>	<b>1,173</b>	<b>1,905</b>	<b>2,555</b>	<b>2,943</b>	<b>3,262</b>
<b>Water Management Strategies</b>						
Water Conservation	65	96	91	131	164	197
Additional Water from DWU	199	609	1,168	1,622	1,801	1,882
Additional Water from Plano	84	468	646	802	978	1,183
<b>Total Water Management Strategies</b>	<b>348</b>	<b>1,173</b>	<b>1,905</b>	<b>2,555</b>	<b>2,943</b>	<b>3,262</b>
<b>Reserve (Shortage)</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-330  
Tioga**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	865	936	1,006	1,087	3,500	4,800
<b>Projected Water Demand</b>						
Municipal Demand	119	124	131	139	444	608
<b>Total Projected Demand</b>	<b>119</b>	<b>124</b>	<b>131</b>	<b>139</b>	<b>444</b>	<b>608</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	119	119	119	119	119	119
<b>Total Current Supplies</b>	<b>119</b>	<b>119</b>	<b>119</b>	<b>119</b>	<b>119</b>	<b>119</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>5</b>	<b>12</b>	<b>20</b>	<b>325</b>	<b>489</b>
<b>Water Management Strategies</b>						
Water Conservation	1	1	1	2	7	12
Grayson County Water Supply Project (Sherman WTP)	0	4	11	18	318	477
<b>Total Water Management Strategies</b>	<b>1</b>	<b>5</b>	<b>12</b>	<b>20</b>	<b>325</b>	<b>489</b>
<b>Reserve (Shortage)</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Alternate Water Management Strategies</b>						
Grayson County Water Supply Project (Northwest WTP)	0	4	11	18	318	477

**Table C-331  
Tom Bean**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	1,176	1,328	1,477	1,649	2,000	3,000
<b>Projected Water Demand</b>						
Municipal Demand	222	245	268	297	359	538
<b>Total Projected Demand</b>	<b>222</b>	<b>245</b>	<b>268</b>	<b>297</b>	<b>359</b>	<b>538</b>
<b>Currently Available Water Supplies</b>						
Woodbine Aquifer	222	222	222	222	222	222
<b>Total Current Supplies</b>	<b>222</b>	<b>222</b>	<b>222</b>	<b>222</b>	<b>222</b>	<b>222</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>23</b>	<b>46</b>	<b>75</b>	<b>137</b>	<b>316</b>
<b>Water Management Strategies</b>						
Water Conservation	2	23	64	73	90	137
Grayson County Water Supply Project (Sherman WTP)	0	0	0	2	47	179
<b>Total Water Management Strategies</b>	<b>2</b>	<b>23</b>	<b>64</b>	<b>75</b>	<b>137</b>	<b>316</b>
<b>Reserve (Shortage)</b>	<b>2</b>	<b>0</b>	<b>18</b>	<b>0</b>	<b>0</b>	<b>0</b>



**Table C-332  
Tool**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>2,438</b>	<b>2,618</b>	<b>2,769</b>	<b>2,968</b>	<b>4,500</b>	<b>6,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	553	583	607	646	976	1,300
<b>Total Projected Demand</b>	<b>553</b>	<b>583</b>	<b>607</b>	<b>646</b>	<b>976</b>	<b>1,300</b>
<b>Currently Available Water Supplies</b>						
West Cedar Creek Municipal Utility District (TRWD)	483	453	420	390	439	434
<b>Total Current Supplies</b>	<b>483</b>	<b>453</b>	<b>420</b>	<b>390</b>	<b>439</b>	<b>434</b>
<b>Need (Demand - Current Supply)</b>	<b>70</b>	<b>130</b>	<b>187</b>	<b>256</b>	<b>537</b>	<b>866</b>
<b>Water Management Strategies</b>						
Water Conservation	10	15	18	22	36	52
Additional Water from WCCMUD	60	115	169	234	501	814
<b>Total Water Management Strategies</b>	<b>70</b>	<b>130</b>	<b>187</b>	<b>256</b>	<b>537</b>	<b>866</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-333  
Trenton**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>706</b>	<b>1,000</b>	<b>3,500</b>	<b>6,000</b>	<b>8,000</b>	<b>10,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	131	179	609	1,041	1,387	1,733
<b>Total Projected Demand</b>	<b>131</b>	<b>179</b>	<b>609</b>	<b>1,041</b>	<b>1,387</b>	<b>1,733</b>
<b>Currently Available Water Supplies</b>						
Woodbine Aquifer	131	131	131	131	131	131
<b>Total Current Supplies</b>	<b>131</b>	<b>131</b>	<b>131</b>	<b>131</b>	<b>131</b>	<b>131</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>48</b>	<b>478</b>	<b>910</b>	<b>1,256</b>	<b>1,602</b>
<b>Water Management Strategies</b>						
Water Conservation	1	4	15	35	51	69
New Well in Woodbine Aquifer (Fannin Co)		25	25	25	25	25
Fannin Co Water Supply Project (NTMWD)	0	89	508	920	1,250	1,578
<b>Total Water Management Strategies</b>	<b>1</b>	<b>118</b>	<b>548</b>	<b>980</b>	<b>1,326</b>	<b>1,672</b>
<b>Reserve (Shortage)</b>	<b>1</b>	<b>70</b>	<b>70</b>	<b>70</b>	<b>70</b>	<b>70</b>

**Table C-334  
Trinidad**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	886	886	886	886	1,000	1,200
<b>Projected Water Demand</b>						
Municipal Demand	91	86	83	83	93	111
<b>Total Projected Demand</b>	<b>91</b>	<b>86</b>	<b>83</b>	<b>83</b>	<b>93</b>	<b>111</b>
<b>Currently Available Water Supplies</b>						
Trinidad City Lake	450	450	450	450	450	450
<b>Total Current Supplies</b>	<b>450</b>	<b>450</b>	<b>450</b>	<b>450</b>	<b>450</b>	<b>450</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	1	1	1	1	2	2
<b>Total Water Management Strategies</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>
<b>Reserve (Shortage)</b>	<b>360</b>	<b>365</b>	<b>368</b>	<b>368</b>	<b>359</b>	<b>341</b>

**Table C-335  
Trophy Club**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	14,000	14,000	14,000	14,000	14,000	14,000
<b>Projected Water Demand</b>						
Municipal Demand	6,125	6,094	6,075	6,064	6,061	6,060
<b>Total Projected Demand</b>	<b>6,125</b>	<b>6,094</b>	<b>6,075</b>	<b>6,064</b>	<b>6,061</b>	<b>6,060</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	600	0	0	0	0	0
Fort Worth (TRWD)	5,259	4,915	4,152	3,733	3,414	3,138
<b>Total Current Supplies</b>	<b>5,859</b>	<b>4,915</b>	<b>4,152</b>	<b>3,733</b>	<b>3,414</b>	<b>3,138</b>
<b>Need (Demand - Current Supply)</b>	<b>266</b>	<b>1,179</b>	<b>1,923</b>	<b>2,331</b>	<b>2,647</b>	<b>2,922</b>
<b>Water Management Strategies</b>						
Water Conservation	233	283	302	322	342	362
Additional Water from Fort Worth	33	896	1,621	2,009	2,305	2,560
<i>Phase I-Increase delivery infrastructure from Ft Worth; joint project with Ft Worth, Westlake, Trophy Club</i>	33	896	1,621	2,009	2,305	2,560
<i>Phase II-Increase delivery infrastructure from Ft Worth; 24" line</i>	33	896	1,621	2,009	2,305	2,560
<b>Total Water Management Strategies</b>	<b>266</b>	<b>1,179</b>	<b>1,923</b>	<b>2,331</b>	<b>2,647</b>	<b>2,922</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-336  
Two Way Special Utility District**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	6,394	8,221	10,020	12,085	16,000	20,000
<b>Projected Water Demand</b>						
Municipal Demand	710	884	1,060	1,268	1,674	2,090
<b>Total Projected Demand</b>	<b>710</b>	<b>884</b>	<b>1,060</b>	<b>1,268</b>	<b>1,674</b>	<b>2,090</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	710	710	710	710	710	710
<b>Total Current Supplies</b>	<b>710</b>	<b>710</b>	<b>710</b>	<b>710</b>	<b>710</b>	<b>710</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>174</b>	<b>350</b>	<b>558</b>	<b>964</b>	<b>1,380</b>
<b>Water Management Strategies</b>						
Water Conservation	6	9	11	17	28	42
Grayson Co Water Supply Project (Northwest WTP)	0	165	339	541	936	1,338
<b>Total Water Management Strategies</b>	<b>6</b>	<b>174</b>	<b>350</b>	<b>558</b>	<b>964</b>	<b>1,380</b>
<b>Reserve (Shortage)</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-337  
University Park**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	25,688	25,688	25,688	25,688	25,688	25,688
<b>Projected Water Demand</b>						
Municipal Demand	7,622	7,515	7,427	7,379	7,371	7,370
<b>Total Projected Demand</b>	<b>7,622</b>	<b>7,515</b>	<b>7,427</b>	<b>7,379</b>	<b>7,371</b>	<b>7,370</b>
<b>Currently Available Water Supplies</b>						
Dallas County Park Cities MUD	7,558	7,427	7,353	7,281	7,248	7,223
<b>Total Current Supplies</b>	<b>7,558</b>	<b>7,427</b>	<b>7,353</b>	<b>7,281</b>	<b>7,248</b>	<b>7,223</b>
<b>Need (Demand - Current Supply)</b>	<b>64</b>	<b>88</b>	<b>74</b>	<b>98</b>	<b>123</b>	<b>147</b>
<b>Water Management Strategies</b>						
Water Conservation	64	88	74	98	123	147
<b>Total Water Management Strategies</b>	<b>64</b>	<b>88</b>	<b>74</b>	<b>98</b>	<b>123</b>	<b>147</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-338  
Valley View**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	820	880	926	972	1,010	1,043
<b>Projected Water Demand</b>						
Municipal Demand	56	60	63	66	68	71
<b>Total Projected Demand</b>	<b>56</b>	<b>60</b>	<b>63</b>	<b>66</b>	<b>68</b>	<b>71</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	56	56	56	56	56	56
<b>Total Current Supplies</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>4</b>	<b>7</b>	<b>10</b>	<b>12</b>	<b>15</b>
<b>Water Management Strategies</b>						
Water Conservation	0	1	1	1	1	1
Connect to Gainesville System	0	3	6	9	11	14
<b>Total Water Management Strategies</b>	<b>0</b>	<b>4</b>	<b>7</b>	<b>10</b>	<b>12</b>	<b>15</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-339  
Van Alstyne**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	3,735	4,530	5,314	6,214	18,000	25,000
<b>Projected Water Demand</b>						
Municipal Demand	517	608	700	811	2,337	3,243
<b>Total Projected Demand</b>	<b>517</b>	<b>608</b>	<b>700</b>	<b>811</b>	<b>2,337</b>	<b>3,243</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	0	0	0	0	0	0
Woodbine Aquifer	517	517	517	517	517	517
Greater Texoma Utility Authority (Collin-Grayson Municipal Alliance Pipeline from NTMWD)	0	70	129	196	1,135	1,291
<b>Total Current Supplies</b>	<b>517</b>	<b>587</b>	<b>646</b>	<b>713</b>	<b>1,652</b>	<b>1,808</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>21</b>	<b>54</b>	<b>98</b>	<b>685</b>	<b>1,435</b>
<b>Water Management Strategies</b>						
Water Conservation	4	7	7	11	39	65
Additional Water from GTUA and Expanded CGMA Pipeline	0	14	47	87	646	1,370
<i>Water System Improvements to take delivery of water from GTUA</i>	0	14	47	87	646	1,370
<b>Total Water Management Strategies</b>	<b>4</b>	<b>21</b>	<b>54</b>	<b>98</b>	<b>685</b>	<b>1,435</b>
<b>Reserve (Shortage)</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-340**  
**Venus (Regions C and G)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>3,418</b>	<b>3,954</b>	<b>4,510</b>	<b>5,122</b>	<b>5,785</b>	<b>6,499</b>
<b>Projected Water Demand</b>						
Municipal Demand	640	730	826	935	1,053	1,182
<b>Total Projected Demand</b>	<b>640</b>	<b>730</b>	<b>826</b>	<b>935</b>	<b>1,053</b>	<b>1,182</b>
<b>Currently Available Water Supplies</b>						
Woodbine Aquifer (Region G)	211	211	211	211	211	211
Midlothian	405	403	379	369	364	367
<b>Total Current Supplies</b>	<b>616</b>	<b>614</b>	<b>590</b>	<b>580</b>	<b>575</b>	<b>578</b>
<b>Need (Demand - Current Supply)</b>	<b>24</b>	<b>116</b>	<b>236</b>	<b>355</b>	<b>478</b>	<b>604</b>
<b>Water Management Strategies</b>						
Water Conservation	0	1	1	1	1	2
Additional Water from Midlothian	24	115	235	354	477	602
<b>Total Water Management Strategies</b>	<b>24</b>	<b>116</b>	<b>236</b>	<b>355</b>	<b>478</b>	<b>604</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-341**  
**Virginia Hill Water Supply Corporation (Regions C and I)**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>2,526</b>	<b>2,898</b>	<b>3,208</b>	<b>3,617</b>	<b>4,000</b>	<b>4,500</b>
<b>Projected Water Demand</b>						
Municipal Demand	420	460	494	548	602	667
<b>Total Projected Demand</b>	<b>420</b>	<b>460</b>	<b>494</b>	<b>548</b>	<b>602</b>	<b>667</b>
<b>Currently Available Water Supplies</b>						
Carrizo-Wilcox Aquifer	387	387	388	387	388	394
Carrizo-Wilcox Aquifer (to Region I portion)	280	280	279	280	279	273
<b>Total Current Supplies</b>	<b>667</b>	<b>667</b>	<b>667</b>	<b>667</b>	<b>667</b>	<b>667</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	2	3	3	4	6	8
<b>Total Water Management Strategies</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>4</b>	<b>6</b>	<b>8</b>
<b>Reserve (Shortage)</b>	<b>249</b>	<b>210</b>	<b>176</b>	<b>123</b>	<b>71</b>	<b>8</b>

**Table C-342  
Walnut Creek Special Utility District**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population (Outside of Cities)</b>	<b>23,333</b>	<b>28,376</b>	<b>34,064</b>	<b>43,809</b>	<b>65,000</b>	<b>85,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	1,745	2,035	2,386	3,029	4,470	5,835
Customer Demand	834	1,036	1,324	2,013	2,813	3,632
Potential future customer demand	48	139	272	440	669	943
<b>Total Projected Demand</b>	<b>2,627</b>	<b>3,210</b>	<b>3,982</b>	<b>5,482</b>	<b>7,952</b>	<b>10,410</b>
<b>Currently Available Water Supplies</b>						
TRWD (limited by WTP capacity)	2,627	2,922	3,203	3,897	4,480	4,480
<b>Total Current Supplies</b>	<b>2,627</b>	<b>2,922</b>	<b>3,203</b>	<b>3,897</b>	<b>4,480</b>	<b>4,480</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>288</b>	<b>779</b>	<b>1,585</b>	<b>3,472</b>	<b>5,930</b>
<b>Water Management Strategies</b>						
Water Conservation	15	22	24	40	75	117
Water Conservation (customers)	25	49	68	70	106	151
Additional TRWD with infrastructure below:	0	218	686	1,476	3,291	5,662
<i>6 MGD WTP New</i>	0	218	686	1,476	3,291	3,363
<i>0 MGD WTP Expansion-2</i>	0	0	0	0	0	0
<i>0 MGD WTP Expansion-3</i>	0	0	0	0	0	0
<i>New 12 MGD Eagle Mountain WTP</i>	0	0	0	0	0	2,299
<b>Total Water Management Strategies</b>	<b>40</b>	<b>288</b>	<b>779</b>	<b>1,585</b>	<b>3,472</b>	<b>5,930</b>
<b>Reserve (Shortage)</b>	<b>40</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Note: See Appendix H for details of demands.

**Table C-343  
Watauga**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	2,899	2,794	2,707	2,659	2,650	2,650
<b>Total Projected Demand</b>	<b>2,899</b>	<b>2,794</b>	<b>2,707</b>	<b>2,659</b>	<b>2,650</b>	<b>2,650</b>
<b>Currently Available Water Supplies</b>						
North Richland Hills (from Fort Worth/TRWD)	2,759	2,253	1,850	1,637	1,493	1,372
<b>Total Current Supplies</b>	<b>2,759</b>	<b>2,253</b>	<b>1,850</b>	<b>1,637</b>	<b>1,493</b>	<b>1,372</b>
<b>Need (Demand - Current Supply)</b>	<b>140</b>	<b>541</b>	<b>857</b>	<b>1,022</b>	<b>1,157</b>	<b>1,278</b>
<b>Water Management Strategies</b>						
Water Conservation	24	33	27	35	44	53
Additional Water from North Richland Hills (Ft Worth/TRWD)	116	508	830	987	1,113	1,225
<i>Increase in delivery infrastructure from Fort Worth (jointly with N. Richland Hills)</i>	<i>See North Richland Hills</i>					
<b>Total Water Management Strategies</b>	<b>140</b>	<b>541</b>	<b>857</b>	<b>1,022</b>	<b>1,157</b>	<b>1,278</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-344  
Waxahachie**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population (In City Only)</b>	<b>37,700</b>	<b>43,300</b>	<b>52,800</b>	<b>64,400</b>	<b>78,500</b>	<b>95,500</b>
<b>Projected Water Demand</b>						
Municipal Demand	6,872	7,741	9,320	11,299	13,749	16,715
Manufacturing and Customer Demand	3,777	3,941	6,436	9,181	10,863	12,740
<b>Total Projected Demand</b>	<b>10,649</b>	<b>11,682</b>	<b>15,756</b>	<b>20,480</b>	<b>24,612</b>	<b>29,455</b>
<b>Currently Available Water Supplies</b>						
<i>Rockett (Retail Connections)</i>	427	343	275	234	187	137
<i>Lake Bardwell</i>	4,320	4,183	3,989	3,794	3,600	3,569
<i>Lake Waxahachie</i>	2,800	2,695	2,590	2,485	2,380	2,275
<i>Reuse</i>	3,479	3,882	4,614	5,129	5,129	5,129
<i>TRWD through TRA for Sokoll</i>	2,500	2,275	2,011	4,419	5,212	5,212
<b>Total Current Supplies</b>	<b>13,526</b>	<b>13,378</b>	<b>13,479</b>	<b>16,061</b>	<b>16,508</b>	<b>16,322</b>
<b>Total Current Supplies limited by WTP Capacity</b>	<b>13,016</b>	<b>12,707</b>	<b>12,375</b>	<b>14,742</b>	<b>15,488</b>	<b>15,438</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>3,381</b>	<b>5,738</b>	<b>9,124</b>	<b>14,017</b>
<b>Water Management Strategies</b>						
Water Conservation	130	211	292	392	525	695
Water Conservation (customers)	33	55	92	158	273	457
Add'l Rockett for retail connections	186	270	338	379	426	476
Dredge Lake Waxahachie	0	705	705	705	705	705
Add'l TRWD with infrastructure as detailed in Section 5C.	0	0	2,659	4,809	7,900	12,389
<b>Total Water Management Strategies</b>	<b>349</b>	<b>1,241</b>	<b>4,086</b>	<b>6,443</b>	<b>9,829</b>	<b>14,722</b>
<b>Reserve (Shortage)</b>	<b>2,716</b>	<b>2,266</b>	<b>705</b>	<b>705</b>	<b>705</b>	<b>705</b>

Note: See Appendix H for details of demands.



**Table C-345  
Weatherford**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population (In City Only)</b>	<b>30,184</b>	<b>36,157</b>	<b>42,908</b>	<b>70,000</b>	<b>110,000</b>	<b>160,720</b>
<b>Projected Water Demand</b>						
Municipal Demand	5,307	6,213	7,273	11,769	18,457	26,947
Manufacturing and Customer Demand	1,033	1,376	1,736	3,675	5,372	7,531
<b>Total Projected Demand</b>	<b>6,340</b>	<b>7,589</b>	<b>9,009</b>	<b>15,444</b>	<b>23,829</b>	<b>34,478</b>
<b>Currently Available Water Supplies</b>						
Lake Weatherford	2,923	2,880	2,837	2,793	2,750	2,707
TRWD	1,162	2,077	2,862	5,826	8,824	8,770
<b>Total Current Supplies</b>	<b>4,085</b>	<b>4,957</b>	<b>5,699</b>	<b>8,619</b>	<b>11,574</b>	<b>11,477</b>
<b>Total Current Supplies limited by WTP Capacity</b>	<b>4,085</b>	<b>4,957</b>	<b>5,699</b>	<b>7,860</b>	<b>7,860</b>	<b>7,860</b>
<b>Need (Demand - Current Supply)</b>	<b>2,255</b>	<b>2,632</b>	<b>3,310</b>	<b>6,825</b>	<b>12,254</b>	<b>23,000</b>
<b>Water Management Strategies</b>						
Water Conservation	141	299	385	676	1,134	1,756
Water Conservation (customers)	21	38	57	79	105	136
Indirect Reuse - Lake Weatherford/Sunshine	2,240	2,240	2,240	2,240	2,240	2,240
Add'l Water from TRWD	0	55	628	4,589	12,490	22,486
Infrastructure as detailed in Section 5C.						
<b>Total Water Management Strategies</b>	<b>2,402</b>	<b>2,632</b>	<b>3,310</b>	<b>7,584</b>	<b>15,969</b>	<b>26,618</b>
<b>Reserve (Shortage)</b>	<b>147</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Note: See Appendix H for details of demands.

**Table C-346  
West Cedar Creek Municipal Utility District**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>						
Outside of Cities	19,712	22,172	24,987	28,228	36,000	50,000
Kemp	1,734	2,172	2,674	3,252	5,000	7,000
Seven Points	1,605	1,881	2,162	2,737	3,238	3,784
Tool	2,438	2,618	2,769	2,968	4,500	6,000
<b>Total Population Served</b>	<b>25,489</b>	<b>28,843</b>	<b>32,592</b>	<b>37,185</b>	<b>48,738</b>	<b>66,784</b>
<b>Projected Water Demand</b>						
Municipal Demand	1,326	1,491	1,681	1,898	2,421	3,362
Kemp	308	376	456	551	845	1,182
Seven Points	355	409	465	586	692	808
Tool	553	583	607	646	976	1,300
<b>Total Projected Demand</b>	<b>2,542</b>	<b>2,859</b>	<b>3,209</b>	<b>3,681</b>	<b>4,934</b>	<b>6,652</b>
<b>Currently Available Water Supplies</b>						
TRWD (limited by contract)	2,220	2,220	2,220	2,220	2,220	2,220
<b>Total Current Supplies</b>	<b>2,220</b>	<b>2,220</b>	<b>2,220</b>	<b>2,220</b>	<b>2,220</b>	<b>2,220</b>
<b>Need (Demand - Current Supply)</b>	<b>322</b>	<b>639</b>	<b>989</b>	<b>1,461</b>	<b>2,714</b>	<b>4,432</b>
<b>Water Management Strategies</b>						
Water Conservation	11	17	17	25	40	67
Water Conservation (customers)	28	56	70	90	137	195
Additional Water from TRWD with Contract Increase & Treatment Plants as follows:	283	566	902	1,346	2,537	4,170
<i>6 MGD WTP Expansion</i>				427	1,618	3,251
<i>Expand Infrastructure to take delivery from TRWD (Cedar Creek Lake)</i>				427	1,618	3,251
<i>Infrastructure to delivery to customers</i>				427	1,618	3,251
<b>Total Water Management Strategies</b>	<b>322</b>	<b>639</b>	<b>989</b>	<b>1,461</b>	<b>2,714</b>	<b>4,432</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-347  
West Wise Special Utility District**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>3,459</b>	<b>3,580</b>	<b>3,705</b>	<b>3,835</b>	<b>3,969</b>	<b>4,108</b>
<b>Projected Water Demand</b>						
Municipal Demand	425	424	427	435	449	464
Demand for Chico	14	20	28	218	329	459
<b>Total Projected Demand</b>	<b>439</b>	<b>444</b>	<b>455</b>	<b>653</b>	<b>778</b>	<b>923</b>
<b>Currently Available Water Supplies</b>						
Tarrant Regional Water District (direct 95% and through Walnut Creek SUD 5%)	425	386	344	310	283	260
Tarrant Regional WD (direct 95% and through Walnut Creek SUD 5%) for Chico	13	13	13	13	13	13
<b>Total Current Supplies</b>	<b>438</b>	<b>399</b>	<b>357</b>	<b>323</b>	<b>296</b>	<b>273</b>
<b>Need (Demand - Current Supply)</b>	<b>1</b>	<b>45</b>	<b>98</b>	<b>330</b>	<b>482</b>	<b>650</b>
<b>Water Management Strategies</b>						
Water Conservation (West Wise SUD only)	4	5	4	6	7	9
Additional Water from TRWD with infrastructure below:	0	40	94	324	475	641
<i>0.8 MGD Water Treatment Plant Expansion</i>				54	172	308
<b>Total Water Management Strategies</b>	<b>4</b>	<b>45</b>	<b>98</b>	<b>330</b>	<b>482</b>	<b>650</b>
<b>Reserve (Shortage)</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-348  
Westlake**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>1,200</b>	<b>1,800</b>	<b>2,609</b>	<b>3,144</b>	<b>3,682</b>	<b>4,211</b>
<b>Projected Water Demand</b>						
Municipal Demand	1,388	2,078	3,007	3,623	4,242	4,850
<b>Total Projected Demand</b>	<b>1,388</b>	<b>2,078</b>	<b>3,007</b>	<b>3,623</b>	<b>4,242</b>	<b>4,850</b>
<b>Currently Available Water Supplies</b>						
Fort Worth (TRWD)	1,321	1,676	2,055	2,230	2,390	2,512
<b>Total Current Supplies</b>	<b>1,321</b>	<b>1,676</b>	<b>2,055</b>	<b>2,230</b>	<b>2,390</b>	<b>2,512</b>
<b>Need (Demand - Current Supply)</b>	<b>67</b>	<b>402</b>	<b>952</b>	<b>1,393</b>	<b>1,852</b>	<b>2,338</b>
<b>Water Management Strategies</b>						
Water Conservation	25	52	90	121	156	194
Additional Ft Worth (TRWD)	42	350	862	1,272	1,696	2,144
<i>Increase delivery infrastructure from Ft Worth; joint project with Ft Worth, Westlake, Trophy Club</i>	42	705	1,596	2,181	2,765	3,335
<b>Total Water Management Strategies</b>	<b>67</b>	<b>402</b>	<b>952</b>	<b>1,393</b>	<b>1,852</b>	<b>2,338</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-349  
Weston**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>3,370</b>	<b>7,159</b>	<b>32,647</b>	<b>79,837</b>	<b>127,026</b>	<b>127,026</b>
<b>Projected Water Demand</b>						
Municipal Demand	506	1,060	4,814	11,768	18,723	18,721
<b>Total Projected Demand</b>	<b>506</b>	<b>1,060</b>	<b>4,814</b>	<b>11,768</b>	<b>18,723</b>	<b>18,721</b>
<b>Currently Available Water Supplies</b>						
Woodbine Aquifer	435	435	435	435	435	435
<b>Total Current Supplies</b>	<b>435</b>	<b>435</b>	<b>435</b>	<b>435</b>	<b>435</b>	<b>435</b>
<b>Need (Demand - Current Supply)</b>	<b>71</b>	<b>625</b>	<b>4,379</b>	<b>11,333</b>	<b>18,288</b>	<b>18,286</b>
<b>Water Management Strategies</b>						
Water Conservation	4	10	48	157	312	374
New Wells in Woodbine Aquifer	71	71	71	71	71	71
Connect to North Texas Municipal Water District	0	829	4,600	11,501	18,301	18,237
<b>Total Water Management Strategies</b>	<b>75</b>	<b>910</b>	<b>4,719</b>	<b>11,729</b>	<b>18,684</b>	<b>18,682</b>
<b>Reserve (Shortage)</b>	<b>4</b>	<b>285</b>	<b>340</b>	<b>396</b>	<b>396</b>	<b>396</b>

**Table C-350  
Westover Hills**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	698	715	732	749	766	782
<b>Projected Water Demand</b>						
Municipal Demand	952	972	992	1,013	1,036	1,058
<b>Total Projected Demand</b>	<b>952</b>	<b>972</b>	<b>992</b>	<b>1,013</b>	<b>1,036</b>	<b>1,058</b>
<b>Currently Available Water Supplies</b>						
Fort Worth (TRWD)	906	784	678	624	584	548
<b>Total Current Supplies</b>	<b>906</b>	<b>784</b>	<b>678</b>	<b>624</b>	<b>584</b>	<b>548</b>
<b>Need (Demand - Current Supply)</b>	<b>46</b>	<b>188</b>	<b>314</b>	<b>389</b>	<b>452</b>	<b>510</b>
<b>Water Management Strategies</b>						
Water Conservation	39	85	90	95	101	107
Additional Water from Fort Worth	7	103	224	294	351	403
<b>Total Water Management Strategies</b>	<b>46</b>	<b>188</b>	<b>314</b>	<b>389</b>	<b>452</b>	<b>510</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-351  
Westworth Village**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	2,700	2,945	3,187	3,422	3,658	3,889
<b>Projected Water Demand</b>						
Municipal Demand	395	417	441	468	499	530
<b>Total Projected Demand</b>	<b>395</b>	<b>417</b>	<b>441</b>	<b>468</b>	<b>499</b>	<b>530</b>
<b>Currently Available Water Supplies</b>						
Fort Worth (TRWD)	376	336	301	288	281	274
<b>Total Current Supplies</b>	<b>376</b>	<b>336</b>	<b>301</b>	<b>288</b>	<b>281</b>	<b>274</b>
<b>Need (Demand - Current Supply)</b>	<b>19</b>	<b>81</b>	<b>140</b>	<b>180</b>	<b>218</b>	<b>256</b>
<b>Water Management Strategies</b>						
Water Conservation	3	5	4	6	8	11
Additional Water from Fort Worth	16	76	136	174	210	245
<b>Total Water Management Strategies</b>	<b>19</b>	<b>81</b>	<b>140</b>	<b>180</b>	<b>218</b>	<b>256</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-352  
White Settlement**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	16,957	17,858	18,750	22,000	28,000	34,000
<b>Projected Water Demand</b>						
Municipal Demand	2,081	2,108	2,146	2,472	3,132	3,798
<b>Total Projected Demand</b>	<b>2,081</b>	<b>2,108</b>	<b>2,146</b>	<b>2,472</b>	<b>3,132</b>	<b>3,798</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	1,040	1,040	1,040	1,040	1,040	1,040
Fort Worth (TRWD)	991	861	756	881	1,178	1,428
<b>Total Current Supplies</b>	<b>2,031</b>	<b>1,901</b>	<b>1,796</b>	<b>1,921</b>	<b>2,218</b>	<b>2,468</b>
<b>Need (Demand - Current Supply)</b>	<b>50</b>	<b>207</b>	<b>350</b>	<b>551</b>	<b>914</b>	<b>1,330</b>
<b>Water Management Strategies</b>						
Water Conservation	17	24	21	33	52	76
Additional Water from Fort Worth	33	183	329	518	862	1,254
<b>Total Water Management Strategies</b>	<b>50</b>	<b>207</b>	<b>350</b>	<b>551</b>	<b>914</b>	<b>1,330</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-353  
Whitesboro**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	3,834	3,882	3,929	3,983	5,000	6,500
<b>Projected Water Demand</b>						
Municipal Demand	469	458	450	449	560	726
<b>Total Projected Demand</b>	<b>469</b>	<b>458</b>	<b>450</b>	<b>449</b>	<b>560</b>	<b>726</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	547	547	547	547	547	547
<b>Total Current Supplies</b>	<b>547</b>	<b>547</b>	<b>547</b>	<b>547</b>	<b>547</b>	<b>547</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13</b>	<b>179</b>
<b>Water Management Strategies</b>						
Water Conservation	4	5	5	6	9	15
Grayson County Water Supply Project (Northwest WTP)	0	0	0	0	4	164
<b>Total Water Management Strategies</b>	<b>4</b>	<b>5</b>	<b>5</b>	<b>6</b>	<b>13</b>	<b>179</b>
<b>Reserve (Shortage)</b>	<b>82</b>	<b>94</b>	<b>102</b>	<b>104</b>	<b>0</b>	<b>0</b>
<b>Alternate Water Management Strategies</b>						
Grayson County Water Supply Project (Sherman WTP)	0	0	0	0	4	164

**Table C-354  
Whitewright**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	1,605	1,625	1,645	1,665	1,765	1,865
<b>Projected Water Demand</b>						
Municipal Demand	222	216	212	212	224	237
<b>Total Projected Demand</b>	<b>222</b>	<b>216</b>	<b>212</b>	<b>212</b>	<b>224</b>	<b>237</b>
<b>Currently Available Water Supplies</b>						
Woodbine Aquifer	284	284	284	284	284	284
<b>Total Current Supplies</b>	<b>284</b>	<b>284</b>	<b>284</b>	<b>284</b>	<b>284</b>	<b>284</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
Water Conservation	2	3	2	3	4	5
Grayson County Water Supply Project (Sherman WTP)	0	0	48	47	96	95
<b>Total Water Management Strategies</b>	<b>2</b>	<b>3</b>	<b>50</b>	<b>50</b>	<b>100</b>	<b>100</b>
<b>Reserve (Shortage)</b>	<b>64</b>	<b>71</b>	<b>122</b>	<b>122</b>	<b>160</b>	<b>147</b>

**Table C-355  
Willow Park**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	4,877	5,960	7,184	10,000	13,000	16,000
<b>Projected Water Demand</b>						
Municipal Demand	759	904	1,074	1,483	1,924	2,366
<b>Total Projected Demand</b>	<b>759</b>	<b>904</b>	<b>1,074</b>	<b>1,483</b>	<b>1,924</b>	<b>2,366</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	757	757	757	757	757	757
<b>Total Current Supplies</b>	<b>757</b>	<b>757</b>	<b>757</b>	<b>757</b>	<b>757</b>	<b>757</b>
<b>Need (Demand - Current Supply)</b>	<b>2</b>	<b>147</b>	<b>317</b>	<b>726</b>	<b>1,167</b>	<b>1,609</b>
<b>Water Management Strategies</b>						
Water Conservation	6	10	11	20	32	47
Weatherford (TRWD) initial connection	0	137	306	706	1,135	1,562
<b>Total Water Management Strategies</b>	<b>6</b>	<b>147</b>	<b>317</b>	<b>726</b>	<b>1,167</b>	<b>1,609</b>
<b>Reserve (Shortage)</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Alternate Water Management Strategies</b>						
Fort Worth (TRWD)	0	137	306	706	1,135	1,562

**Table C-356  
Wilmer**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>4,203</b>	<b>4,698</b>	<b>7,500</b>	<b>14,000</b>	<b>22,000</b>	<b>40,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	433	466	718	1,323	2,073	3,763
<b>Total Projected Demand</b>	<b>433</b>	<b>466</b>	<b>718</b>	<b>1,323</b>	<b>2,073</b>	<b>3,763</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	29	29	29	29	29	29
Hutchins (DWU)	193	190				
<b>Total Current Supplies</b>	<b>222</b>	<b>219</b>	<b>29</b>	<b>29</b>	<b>29</b>	<b>29</b>
<b>Need (Demand - Current Supply)</b>	<b>211</b>	<b>247</b>	<b>689</b>	<b>1,294</b>	<b>2,044</b>	<b>3,734</b>
<b>Water Management Strategies</b>						
Water Conservation	4	5	7	18	35	75
New Connection to Dallas (via Lancaster)	207	242	300	400	600	800
Direct Connection to Dallas 36" Transmission Line			382	876	1,409	2,859
<b>Total Water Management Strategies</b>	<b>211</b>	<b>247</b>	<b>689</b>	<b>1,294</b>	<b>2,044</b>	<b>3,734</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-357  
Wise County Irrigation**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>1,324</b>	<b>1,324</b>	<b>1,324</b>	<b>1,324</b>	<b>1,324</b>	<b>1,324</b>
<b>Currently Available Water Supplies</b>						
Local Supplies	139	139	139	139	139	139
Trinity Aquifer	680	680	680	680	680	680
Tarrant Regional Water District	124	124	124	124	124	124
<b>Total Current Supplies</b>	<b>943</b>	<b>943</b>	<b>943</b>	<b>943</b>	<b>943</b>	<b>943</b>
<b>Need (Demand - Current Supply)</b>	<b>381</b>	<b>381</b>	<b>381</b>	<b>381</b>	<b>381</b>	<b>381</b>
<b>Water Management Strategies</b>						
Water Conservation	0	0	1	1	1	1
Add'l TRWD (new contract)	406	406	405	405	405	405
<b>Total Water Management Strategies</b>	<b>406</b>	<b>406</b>	<b>406</b>	<b>406</b>	<b>406</b>	<b>406</b>
<b>Reserve (Shortage)</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>



**Table C-358  
Wise County Livestock**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>1,575</b>	<b>1,575</b>	<b>1,575</b>	<b>1,575</b>	<b>1,575</b>	<b>1,575</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	458	458	458	458	458	458
Local Supplies	1,117	1,117	1,117	1,117	1,117	1,117
<b>Total Current Supplies</b>	<b>1,575</b>	<b>1,575</b>	<b>1,575</b>	<b>1,575</b>	<b>1,575</b>	<b>1,575</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Water Management Strategies</b>						
None						
<b>Total Water Management Strategies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-359  
Wise County Manufacturing**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>2,660</b>	<b>2,979</b>	<b>3,277</b>	<b>3,539</b>	<b>3,858</b>	<b>4,206</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	250	250	250	250	250	250
Tarrant Regional Water District direct	2,022	2,128	2,117	2,077	2,059	2,035
Tarrant Regional Water District (through Wise Co WSD)	138	128	117	83	70	62
<b>Total Current Supplies</b>	<b>2,410</b>	<b>2,506</b>	<b>2,484</b>	<b>2,410</b>	<b>2,379</b>	<b>2,347</b>
<b>Need (Demand - Current Supply)</b>	<b>250</b>	<b>473</b>	<b>793</b>	<b>1,129</b>	<b>1,479</b>	<b>1,859</b>
<b>Water Management Strategies</b>						
Water Conservation	0	0	1	1	1	1
Additional water from TRWD	0	223	542	878	1,228	1,608
New Wells in Trinity Aquifer	250	250	250	250	250	250
<b>Total Water Management Strategies</b>	<b>250</b>	<b>473</b>	<b>793</b>	<b>1,129</b>	<b>1,479</b>	<b>1,859</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-360  
Wise County Mining**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>10,320</b>	<b>11,159</b>	<b>12,337</b>	<b>13,975</b>	<b>15,378</b>	<b>17,694</b>
<b>Currently Available Water Supplies</b>						
Reuse	6,261	6,261	6,261	6,261	6,076	6,076
Run-of-river - Trinity	133	133	133	133	133	133
Trinity Aquifer	2,155	2,155	2,155	2,155	2,155	2,155
Tarrant Regional Water District (direct & thru Bridgeport)	2,896	2,896	2,896	2,896	2,896	2,896
<b>Total Current Supplies</b>	<b>11,445</b>	<b>11,445</b>	<b>11,445</b>	<b>11,445</b>	<b>11,260</b>	<b>11,260</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>0</b>	<b>892</b>	<b>2,530</b>	<b>4,118</b>	<b>6,434</b>
<b>Water Management Strategies</b>						
Add'l Water from TRWD (increase contract)	200	452	805	1,297	1,717	2,412
Reuse - Recycled water	0	0	87	1,234	2,401	4,022
<b>Total Water Management Strategies</b>	<b>200</b>	<b>452</b>	<b>892</b>	<b>2,531</b>	<b>4,118</b>	<b>6,434</b>
<b>Reserve (Shortage)</b>	<b>1,325</b>	<b>738</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>

**Table C-361  
Wise County Other**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>30,543</b>	<b>30,543</b>	<b>30,543</b>	<b>45,000</b>	<b>58,000</b>	<b>70,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	3,667	3,565	3,485	5,039	6,465	7,794
<b>Total Projected Water Demand</b>	<b>3,667</b>	<b>3,565</b>	<b>3,485</b>	<b>5,039</b>	<b>6,465</b>	<b>7,794</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	2,584	2,584	2,584	2,584	2,584	2,584
Tarrant Regional Water District through Wise County WSD	506	374	284	540	667	733
Tarrant Regional Water District through Walnut Creek SUD	110	97	84	107	109	101
<b>Total Current Supplies</b>	<b>3,200</b>	<b>3,055</b>	<b>2,952</b>	<b>3,231</b>	<b>3,360</b>	<b>3,418</b>
<b>Need (Demand - Current Supply)</b>	<b>467</b>	<b>510</b>	<b>533</b>	<b>1,808</b>	<b>3,105</b>	<b>4,376</b>
<b>Water Management Strategies</b>						
Water Conservation	31	42	35	67	108	156
Additional TRWD	436	468	498	1,741	2,997	4,220
<b>Total Water Management Strategies</b>	<b>467</b>	<b>510</b>	<b>533</b>	<b>1,808</b>	<b>3,105</b>	<b>4,376</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-362**  
**Wise County Steam Electric Power**

(Values in Ac-Ft/Yr)	Projected Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Water Demand</b>	<b>1,494</b>	<b>1,459</b>	<b>2,254</b>	<b>2,450</b>	<b>3,298</b>	<b>3,673</b>
<b>Currently Available Water Supplies</b>						
Tarrant Regional Water District	1,494	1,328	1,813	1,741	2,091	2,078
<b>Total Current Supplies</b>	<b>1,494</b>	<b>1,328</b>	<b>1,813</b>	<b>1,741</b>	<b>2,091</b>	<b>2,078</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>131</b>	<b>441</b>	<b>709</b>	<b>1,207</b>	<b>1,595</b>
<b>Water Management Strategies</b>						
Additional Water from TRWD	0	131	441	709	1,207	1,595
<b>Total Water Management Strategies</b>	<b>0</b>	<b>131</b>	<b>441</b>	<b>709</b>	<b>1,207</b>	<b>1,595</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-363**  
**Woodbine Water Supply Corporation**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>6,215</b>	<b>7,040</b>	<b>7,865</b>	<b>8,690</b>	<b>9,515</b>	<b>10,340</b>
<b>Projected Water Demand</b>						
Municipal Demand	660	717	778	848	925	1,004
<b>Total Projected Demand</b>	<b>660</b>	<b>717</b>	<b>778</b>	<b>848</b>	<b>925</b>	<b>1,004</b>
<b>Currently Available Water Supplies</b>						
Trinity Aquifer	667	667	667	667	667	667
<b>Total Current Supplies</b>	<b>667</b>	<b>667</b>	<b>667</b>	<b>667</b>	<b>667</b>	<b>667</b>
<b>Need (Demand - Current Supply)</b>	<b>0</b>	<b>50</b>	<b>111</b>	<b>181</b>	<b>258</b>	<b>337</b>
<b>Water Management Strategies</b>						
Water Conservation	6	8	8	11	15	20
Connect to Gainesville system	0	42	103	170	243	317
<b>Total Water Management Strategies</b>	<b>6</b>	<b>50</b>	<b>111</b>	<b>181</b>	<b>258</b>	<b>337</b>
<b>Reserve (Shortage)</b>	<b>13</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-364  
Wortham**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>1,175</b>	<b>1,267</b>	<b>1,331</b>	<b>1,378</b>	<b>2,300</b>	<b>2,600</b>
<b>Projected Water Demand</b>						
Municipal Demand	168	175	179	183	303	343
<b>Total Projected Demand</b>	<b>168</b>	<b>175</b>	<b>179</b>	<b>183</b>	<b>303</b>	<b>343</b>
<b>Currently Available Water Supplies</b>						
Mexia	157	157	157	157	157	157
<b>Total Current Supplies</b>	<b>157</b>	<b>157</b>	<b>157</b>	<b>157</b>	<b>157</b>	<b>157</b>
<b>Need (Demand - Current Supply)</b>	<b>11</b>	<b>18</b>	<b>22</b>	<b>26</b>	<b>146</b>	<b>186</b>
<b>Water Management Strategies</b>						
Water Conservation	1	2	2	2	5	7
Additional supply from Mexia (Reg G)	10	16	20	24	141	179
<b>Total Water Management Strategies</b>	<b>11</b>	<b>18</b>	<b>22</b>	<b>26</b>	<b>146</b>	<b>186</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-365  
Wylie**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
<b>Projected Population</b>	<b>48,484</b>	<b>54,198</b>	<b>58,000</b>	<b>61,000</b>	<b>63,000</b>	<b>65,000</b>
<b>Projected Water Demand</b>						
Municipal Demand	7,308	8,052	8,552	8,954	9,230	9,519
Manufacturing Demand (1% Collin Co)	35	39	43	47	51	55
<b>Total Projected Demand</b>	<b>7,343</b>	<b>8,091</b>	<b>8,595</b>	<b>9,001</b>	<b>9,281</b>	<b>9,574</b>
<b>Currently Available Water Supplies</b>						
North Texas Municipal Water District	6,733	6,170	6,041	5,961	5,758	5,498
NTMWD (for Manufacturing)	32	30	31	31	32	32
<b>Total Current Supplies</b>	<b>6,765</b>	<b>6,200</b>	<b>6,072</b>	<b>5,992</b>	<b>5,790</b>	<b>5,530</b>
<b>Need (Demand - Current Supply)</b>	<b>578</b>	<b>1,891</b>	<b>2,523</b>	<b>3,009</b>	<b>3,491</b>	<b>4,044</b>
<b>Water Management Strategies</b>						
Water Conservation	61	90	86	119	154	190
Water Conservation - manufacturing	0	0	1	1	1	2
Additional Water from NTMWD	514	1,792	2,425	2,874	3,318	3,831
Add'l Water from NTMWD for Manf	3	9	11	15	18	21
<b>Total Water Management Strategies</b>	<b>578</b>	<b>1,891</b>	<b>2,523</b>	<b>3,009</b>	<b>3,491</b>	<b>4,044</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table C-366**  
**Wylie Northeast Special Utility District**

(Values in Ac-Ft/Yr)	Projected Population and Demand					
	2020	2030	2040	2050	2060	2070
Projected Population	1,889	2,390	3,000	6,000	10,000	16,000
St. Paul Population	1,965	2,255	2,453	2,559	2,666	2,666
Collin County Other Population	1,813	4,022	4,714	2,358	0	0
<b>Total Population</b>	<b>5,667</b>	<b>8,667</b>	<b>10,167</b>	<b>10,917</b>	<b>12,666</b>	<b>18,666</b>
<b>Projected Water Demand</b>						
Municipal Demand	257	319	396	785	1,305	2,086
St. Paul	265	298	322	334	348	347
Collin County Other	0	111	136	0	0	0
<b>Total Projected Demand</b>	<b>522</b>	<b>728</b>	<b>854</b>	<b>1,119</b>	<b>1,653</b>	<b>2,433</b>
<b>Currently Available Water Supplies</b>						
NTWMD	237	244	280	523	814	1,205
NTWMD for St. Paul	244	228	227	222	217	200
NTWMD for Collin County Other	0	85	96	0	0	0
<b>Total Current Supplies</b>	<b>481</b>	<b>558</b>	<b>603</b>	<b>745</b>	<b>1,031</b>	<b>1,405</b>
<b>Need (Demand - Current Supply)</b>	<b>41</b>	<b>170</b>	<b>251</b>	<b>374</b>	<b>622</b>	<b>1,028</b>
<b>Water Management Strategies</b>						
Water Conservation	2	3	4	10	22	42
Water Conservation (St. Paul)	2	3	3	4	6	7
Water Conservation (Collin Co Other)	0	1	1	0	0	0
Additional Water from NTMWD	18	72	112	252	469	839
Additional Water from NTMWD for St. Paul	19	67	92	108	125	140
Additional Water from NTMWD for Collin County Other	0	25	39	0	0	0
<i>Increase delivery infrastructure from NTWMD</i>	<i>37</i>	<i>163</i>	<i>243</i>	<i>360</i>	<i>594</i>	<i>979</i>
<b>Total Water Management Strategies</b>	<b>41</b>	<b>170</b>	<b>251</b>	<b>374</b>	<b>622</b>	<b>1,028</b>
<b>Reserve (Shortage)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>