

**C4-1: Region D Water User Group (WUG) Needs/Surplus**

WUG supplies and projected demands are entered for each of a WUG’s region-county-basin divisions. The needs shown in the WUG Needs/Surplus report are calculated by first deducting the WUG split’s projected demand from its total existing water supply volume. If the WUG split has a greater existing supply volume than projected demand in any given decade, this amount is considered a surplus volume. Surplus volumes are shown as positive values, and needs are shown as negative values in parentheses.

			Water Supply Needs or Surplus (acre-feet per year)					
WUG Name	County	Basin	2030	2040	2050	2060	2070	2080
Burns Redbank WSC	Bowie	Red	(260)	(274)	(291)	(310)	(329)	(349)
Central Bowie County WSC	Bowie	Red	(118)	(118)	(119)	(120)	(121)	(122)
De Kalb	Bowie	Red	(48)	(48)	(47)	(47)	(46)	(45)
Hooks	Bowie	Red	(317)	(313)	(310)	(305)	(301)	(296)
New Boston	Bowie	Red	(403)	(399)	(396)	(389)	(383)	(377)
Riverbend Water Resources District	Bowie	Red	(211)	(209)	(206)	(203)	(200)	(196)
Texarkana	Bowie	Red	(840)	(832)	(825)	(813)	(802)	(790)
County-Other	Bowie	Red	660	694	686	694	712	732
Manufacturing	Bowie	Red	(289)	(300)	(311)	(323)	(335)	(348)
Mining	Bowie	Red	(753)	(760)	(794)	(823)	(846)	(864)
Livestock	Bowie	Red	(52)	(47)	(40)	(35)	(32)	(32)
Irrigation	Bowie	Red	(2,184)	(2,184)	(2,184)	(2,184)	(2,184)	(2,184)
Central Bowie County WSC	Bowie	Sulphur	(651)	(651)	(657)	(663)	(669)	(675)
De Kalb	Bowie	Sulphur	(218)	(215)	(214)	(210)	(208)	(205)
Macedonia Eylau MUD 1	Bowie	Sulphur	(710)	(705)	(698)	(688)	(677)	(666)
Maud	Bowie	Sulphur	(164)	(162)	(161)	(158)	(156)	(153)
Nash	Bowie	Sulphur	(314)	(309)	(306)	(302)	(297)	(292)
New Boston	Bowie	Sulphur	(906)	(898)	(889)	(876)	(862)	(848)

TWDB: Source Availability

			Water Supply Needs or Surplus (acre-feet per year)					
WUG Name	County	Basin	2030	2040	2050	2060	2070	2080
Redwater	Bowie	Sulphur	(337)	(333)	(329)	(323)	(317)	(311)
Riverbend Water Resources District	Bowie	Sulphur	(169)	(166)	(165)	(162)	(159)	(157)
Texarkana	Bowie	Sulphur	(5,929)	(5,870)	(5,824)	(5,741)	(5,657)	(5,572)
Wake Village	Bowie	Sulphur	(649)	(641)	(635)	(625)	(615)	(605)
County-Other	Bowie	Sulphur	1,313	1,386	1,370	1,389	1,435	1,481
Manufacturing	Bowie	Sulphur	(1,512)	(1,569)	(1,629)	(1,690)	(1,754)	(1,820)
Mining	Bowie	Sulphur	(1,228)	(1,238)	(1,294)	(1,341)	(1,379)	(1,408)
Livestock	Bowie	Sulphur	(113)	(102)	(88)	(74)	(69)	(69)
Irrigation	Bowie	Sulphur	(3,032)	(3,032)	(3,032)	(3,032)	(3,032)	(3,032)
Bi County WSC	Camp	Cypress	505	503	501	496	490	485
Cypress Springs SUD	Camp	Cypress	(10)	(10)	(10)	(10)	(10)	(10)
Pittsburg	Camp	Cypress	(408)	(415)	(417)	(424)	(431)	(439)
Sharon WSC	Camp	Cypress	(4)	(4)	(4)	(4)	(4)	(4)
County-Other	Camp	Cypress	348	356	364	371	379	378
Manufacturing	Camp	Cypress	(42)	(44)	(46)	(48)	(50)	(52)
Livestock	Camp	Cypress	(496)	(496)	(496)	(496)	(496)	(496)
Irrigation	Camp	Cypress	(5)	(5)	(5)	(5)	(5)	(5)
Atlanta	Cass	Cypress	94	200	323	358	397	435
Avinger	Cass	Cypress	202	207	212	216	220	225
E M C WSC	Cass	Cypress	26	27	29	31	32	34
Eastern Cass WSC	Cass	Cypress	299	290	276	260	238	213
Holly Springs WSC	Cass	Cypress	(15)	(11)	(8)	(5)	(2)	1
Hughes Springs	Cass	Cypress	184	202	221	236	251	266
Linden	Cass	Cypress	97	113	129	142	155	168
Mims WSC	Cass	Cypress	118	119	119	120	121	121
Queen City	Cass	Cypress	16	22	27	30	32	33
Western Cass WSC	Cass	Cypress	686	698	709	717	726	734
County-Other	Cass	Cypress	(285)	(235)	(182)	(133)	(82)	(25)

TWDB: Source Availability

			Water Supply Needs or Surplus (acre-feet per year)					
WUG Name	County	Basin	2030	2040	2050	2060	2070	2080
Manufacturing	Cass	Cypress	231	230	230	229	228	228
Mining	Cass	Cypress	804	827	836	869	891	917
Livestock	Cass	Cypress	(187)	(187)	(187)	(187)	(187)	(187)
Atlanta	Cass	Sulphur	0	1	1	1	1	2
Eastern Cass WSC	Cass	Sulphur	15	15	14	12	11	9
Queen City	Cass	Sulphur	13	17	19	21	23	23
Western Cass WSC	Cass	Sulphur	114	117	121	125	128	131
County-Other	Cass	Sulphur	(76)	(56)	(34)	(15)	6	29
Manufacturing	Cass	Sulphur	(3,534)	(4,873)	(6,261)	(7,698)	(9,190)	(10,737)
Livestock	Cass	Sulphur	234	234	236	236	236	236
Cooper	Delta	Sulphur	1,045	838	632	427	248	236
Delta County MUD*	Delta	Sulphur	0	0	0	0	(22)	(204)
North Hunt SUD*	Delta	Sulphur	(20)	(22)	(23)	(25)	(25)	(24)
County-Other	Delta	Sulphur	27	31	34	39	43	48
Livestock	Delta	Sulphur	(220)	(220)	(220)	(220)	(220)	(220)
Irrigation	Delta	Sulphur	2,053	2,063	2,068	2,068	2,080	2,080
Cornersville WSC	Franklin	Cypress	(3)	(4)	(4)	(4)	(5)	(5)
Cypress Springs SUD	Franklin	Cypress	1,283	1,171	1,062	951	844	736
Winnsboro	Franklin	Cypress	234	208	185	163	142	122
County-Other	Franklin	Cypress	73	78	78	78	78	78
Livestock	Franklin	Cypress	(190)	(190)	(190)	(190)	(190)	(190)
Irrigation	Franklin	Cypress	56	56	56	56	56	56
Irrigation	Franklin	Sabine	56	56	56	56	56	56
Cypress Springs SUD	Franklin	Sulphur	620	563	507	451	395	341
Mount Vernon	Franklin	Sulphur	2,103	1,997	1,892	1,778	1,663	1,549
County-Other	Franklin	Sulphur	65	77	78	78	78	79
Livestock	Franklin	Sulphur	(118)	(118)	(118)	(118)	(118)	(118)
Irrigation	Franklin	Sulphur	57	57	57	57	57	57

TWDB: Source Availability

			Water Supply Needs or Surplus (acre-feet per year)					
WUG Name	County	Basin	2030	2040	2050	2060	2070	2080
East Mountain Water System	Gregg	Cypress	(52)	(52)	(52)	(51)	(50)	(49)
Glenwood WSC	Gregg	Cypress	10	11	11	11	12	12
Tryon Road SUD	Gregg	Cypress	403	398	402	403	401	412
County-Other	Gregg	Cypress	194	210	236	269	295	300
Mining	Gregg	Cypress	12	12	7	3	(1)	(1)
Livestock	Gregg	Cypress	(16)	(16)	(16)	(16)	(16)	(16)
Chalk Hill SUD*	Gregg	Sabine	0	0	0	0	0	0
Clarksville City	Gregg	Sabine	119	119	119	121	123	125
Cross Roads SUD*	Gregg	Sabine	32	34	36	39	43	47
East Mountain Water System	Gregg	Sabine	(40)	(41)	(41)	(40)	(39)	(39)
Elderville WSC*	Gregg	Sabine	110	107	113	120	83	113
Gladewater	Gregg	Sabine	131	131	149	177	207	157
Kilgore*	Gregg	Sabine	2,305	2,094	1,887	1,730	2,066	2,117
Liberty City WSC	Gregg	Sabine	315	314	318	327	335	344
Longview	Gregg	Sabine	27,667	27,403	27,169	27,140	27,112	27,043
Starrville-Friendship WSC	Gregg	Sabine	34	34	34	35	36	37
Tryon Road SUD	Gregg	Sabine	656	655	656	660	663	667
West Gregg SUD*	Gregg	Sabine	171	158	141	122	98	77
White Oak	Gregg	Sabine	(66)	(88)	(69)	(26)	18	61
County-Other	Gregg	Sabine	1,088	1,207	1,373	1,588	1,734	1,815
Manufacturing	Gregg	Sabine	20	(38)	(98)	(160)	(224)	(291)
Mining	Gregg	Sabine	320	316	234	151	93	93
Steam Electric Power	Gregg	Sabine	1,302	1,302	1,302	1,302	1,302	1,302
Livestock	Gregg	Sabine	52	52	52	52	52	52
Irrigation	Gregg	Sabine	154	154	154	154	154	154
Blocker Crossroads WSC	Harrison	Cypress	5	6	6	6	4	4

TWDB: Source Availability

			Water Supply Needs or Surplus (acre-feet per year)					
WUG Name	County	Basin	2030	2040	2050	2060	2070	2080
Cypress Valley WSC	Harrison	Cypress	(11)	(14)	(15)	(17)	(18)	(19)
Diana SUD	Harrison	Cypress	56	55	55	54	53	52
Gum Springs WSC	Harrison	Cypress	690	659	655	624	598	570
Harleton WSC	Harrison	Cypress	14	6	5	0	(4)	(8)
Leigh WSC	Harrison	Cypress	(42)	0	5	68	129	188
Marshall	Harrison	Cypress	1,617	1,637	1,638	1,684	1,729	1,772
North Harrison WSC	Harrison	Cypress	(2)	(9)	(10)	(14)	(19)	(23)
Panola-Bethany WSC*	Harrison	Cypress	0	0	0	0	0	0
Scottsville	Harrison	Cypress	(31)	(42)	(45)	(56)	(66)	(76)
Talley WSC	Harrison	Cypress	39	38	38	36	37	37
Tryon Road SUD	Harrison	Cypress	(173)	(243)	(252)	(321)	(385)	(461)
Waskom	Harrison	Cypress	51	71	74	107	139	170
West Harrison WSC	Harrison	Cypress	46	41	38	32	27	22
County-Other	Harrison	Cypress	166	200	200	260	318	376
Manufacturing	Harrison	Cypress	2,476	2,476	2,475	2,475	2,474	2,474
Mining	Harrison	Cypress	(433)	(425)	(416)	(409)	(399)	(399)
Livestock	Harrison	Cypress	218	256	297	318	326	326
Irrigation	Harrison	Cypress	(283)	(283)	(283)	(283)	(283)	(283)
Blocker Crossroads WSC	Harrison	Sabine	55	52	51	50	51	50
Elysian Fields WSC*	Harrison	Sabine	(165)	(191)	(195)	(224)	(252)	(279)
Gill WSC*	Harrison	Sabine	115	117	117	124	131	137
Gum Springs WSC	Harrison	Sabine	1,000	899	882	787	691	601
Hallsville	Harrison	Sabine	161	113	106	61	18	(23)
Longview	Harrison	Sabine	1,020	959	932	858	786	728
Marshall	Harrison	Sabine	7,544	7,636	7,643	7,855	8,060	8,260
Panola-Bethany WSC*	Harrison	Sabine	0	0	0	0	0	0
Scottsville	Harrison	Sabine	(91)	(116)	(118)	(144)	(170)	(194)
Talley WSC	Harrison	Sabine	30	30	29	32	32	33

TWDB: Source Availability

WUG Name	County	Basin	Water Supply Needs or Surplus (acre-feet per year)					
			2030	2040	2050	2060	2070	2080
West Harrison WSC	Harrison	Sabine	119	100	99	78	57	37
County-Other	Harrison	Sabine	454	506	542	631	709	745
Manufacturing	Harrison	Sabine	79,501	78,502	77,469	76,395	75,283	74,165
Mining	Harrison	Sabine	(1,419)	(1,409)	(1,400)	(1,392)	(1,383)	(1,383)
Steam Electric Power	Harrison	Sabine	3,363	3,363	3,363	3,363	3,363	3,363
Livestock	Harrison	Sabine	151	160	168	175	180	180
Irrigation	Harrison	Sabine	(191)	(191)	(191)	(191)	(191)	(191)
Cornersville WSC	Hopkins	Cypress	45	42	40	39	36	34
Cypress Springs SUD	Hopkins	Cypress	116	111	105	95	85	74
Livestock	Hopkins	Cypress	(128)	(124)	(124)	(120)	(118)	(118)
Irrigation	Hopkins	Cypress	(8)	(8)	(8)	(8)	(8)	(8)
Brashear WSC	Hopkins	Sabine	(36)	(40)	(38)	(37)	(37)	(41)
Cash SUD*	Hopkins	Sabine	(4)	(8)	(10)	(9)	(29)	(38)
Como	Hopkins	Sabine	9	10	10	10	10	10
Cornersville WSC	Hopkins	Sabine	46	44	42	39	37	35
Cumby	Hopkins	Sabine	21	24	20	20	21	22
Jones WSC	Hopkins	Sabine	7	6	5	2	3	3
Lake Fork WSC	Hopkins	Sabine	26	25	25	24	24	23
Martin Springs WSC	Hopkins	Sabine	164	152	145	138	128	120
Miller Grove WSC	Hopkins	Sabine	(30)	(40)	(44)	(51)	(58)	(64)
Shady Grove No 2 WSC	Hopkins	Sabine	(14)	(15)	(14)	(13)	(12)	(15)
Shirley WSC	Hopkins	Sabine	91	78	69	57	44	33
County-Other	Hopkins	Sabine	398	392	353	333	328	326
Mining	Hopkins	Sabine	258	265	272	281	289	289
Livestock	Hopkins	Sabine	584	630	633	683	705	705
Irrigation	Hopkins	Sabine	(106)	(106)	(106)	(106)	(106)	(106)
Brashear WSC	Hopkins	Sulphur	(19)	(22)	(20)	(18)	(16)	(20)
Brinker WSC	Hopkins	Sulphur	(97)	(122)	(130)	(143)	(157)	(171)

TWDB: Source Availability

WUG Name	County	Basin	Water Supply Needs or Surplus (acre-feet per year)					
			2030	2040	2050	2060	2070	2080
Como	Hopkins	Sulphur	3	3	3	3	3	3
Cornersville WSC	Hopkins	Sulphur	(6)	(6)	(6)	(6)	(6)	(6)
Cumby	Hopkins	Sulphur	1	1	1	1	1	1
Cypress Springs SUD	Hopkins	Sulphur	183	175	163	148	132	116
Gafford Chapel WSC	Hopkins	Sulphur	36	37	40	44	49	46
Martin Springs WSC	Hopkins	Sulphur	23	21	18	16	15	13
North Hopkins WSC	Hopkins	Sulphur	(231)	(271)	(297)	(325)	(354)	(383)
Shady Grove No 2 WSC	Hopkins	Sulphur	9	8	11	13	15	13
Sulphur Springs	Hopkins	Sulphur	0	0	0	0	0	0
County-Other	Hopkins	Sulphur	441	436	408	391	388	384
Manufacturing	Hopkins	Sulphur	788	834	866	963	1,069	1,024
Livestock	Hopkins	Sulphur	145	95	92	39	16	16
Irrigation	Hopkins	Sulphur	(3,673)	(3,673)	(3,673)	(3,673)	(3,673)	(3,673)
Ables Springs SUD*	Hunt	Sabine	(4)	(8)	(14)	(17)	(20)	(23)
B H P WSC	Hunt	Sabine	(41)	(133)	(216)	(287)	(356)	(413)
Caddo Basin SUD*	Hunt	Sabine	(1,056)	(662)	(732)	(490)	(19)	(211)
Caddo Mills	Hunt	Sabine	33	46	84	148	155	152
Cash SUD*	Hunt	Sabine	(307)	(700)	(814)	(687)	(519)	(784)
Celeste	Hunt	Sabine	(14)	(19)	(24)	(28)	(32)	(35)
Combined Consumers SUD	Hunt	Sabine	0	0	0	0	0	0
Greenville	Hunt	Sabine	(13,658)	(16,254)	(17,865)	(19,224)	(20,604)	(21,801)
Hickory Creek SUD*	Hunt	Sabine	(90)	(125)	(170)	(220)	(276)	(343)
Josephine*	Hunt	Sabine	(3)	(7)	(13)	(17)	(20)	(24)
MacBee SUD*	Hunt	Sabine	(8)	(1)	7	21	42	41
Poetry WSC*	Hunt	Sabine	25	30	48	99	250	248
Quinlan	Hunt	Sabine	0	0	0	0	0	0
Royse City*	Hunt	Sabine	(57)	(179)	(329)	(475)	(629)	(771)

TWDB: Source Availability

			Water Supply Needs or Surplus (acre-feet per year)					
WUG Name	County	Basin	2030	2040	2050	2060	2070	2080
Shady Grove SUD	Hunt	Sabine	0	0	0	0	0	0
West Tawakoni	Hunt	Sabine	481	443	355	376	344	318
County-Other	Hunt	Sabine	885	1,040	1,291	1,704	2,414	2,435
Manufacturing	Hunt	Sabine	465	622	770	864	1,024	997
Steam Electric Power	Hunt	Sabine	0	0	0	0	0	0
Livestock	Hunt	Sabine	(23)	(23)	(23)	(23)	(23)	(23)
Irrigation	Hunt	Sabine	(124)	(124)	(124)	(124)	(124)	(124)
Commerce	Hunt	Sulphur	540	593	633	694	755	816
Hickory Creek SUD*	Hunt	Sulphur	(75)	(101)	(129)	(164)	(204)	(249)
North Hunt SUD*	Hunt	Sulphur	(172)	(160)	(150)	(137)	(124)	(115)
Shady Grove SUD	Hunt	Sulphur	0	0	0	0	0	0
Texas A&M University Commerce	Hunt	Sulphur	(276)	(275)	(275)	(275)	(275)	(275)
Wolfe City*	Hunt	Sulphur	88	87	84	84	82	81
County-Other	Hunt	Sulphur	(230)	(209)	(259)	(217)	(146)	(103)
Livestock	Hunt	Sulphur	(39)	(39)	(39)	(39)	(39)	(39)
Irrigation	Hunt	Sulphur	(69)	(69)	(69)	(69)	(69)	(69)
Frognot WSC*	Hunt	Trinity	3	4	5	5	6	7
Hickory Creek SUD*	Hunt	Trinity	(59)	(76)	(96)	(118)	(144)	(174)
West Leonard WSC*	Hunt	Trinity	0	0	0	0	0	0
County-Other	Hunt	Trinity	34	47	27	34	52	52
Livestock	Hunt	Trinity	(14)	(14)	(14)	(13)	(13)	(13)
Irrigation	Hunt	Trinity	2	2	2	2	2	2
Bois D Arc MUD*	Lamar	Red	0	0	(1)	(1)	(1)	(1)
Lamar County WSD	Lamar	Red	3,199	3,152	3,126	3,101	3,060	3,070
Paris	Lamar	Red	155	65	0	0	0	0
Reno (Lamar)	Lamar	Red	101	112	123	134	145	145
County-Other	Lamar	Red	(29)	(29)	(28)	(28)	(28)	(28)
Manufacturing	Lamar	Red	(319)	(324)	(336)	(319)	(336)	(388)



TWDB: Source Availability

			Water Supply Needs or Surplus (acre-feet per year)					
WUG Name	County	Basin	2030	2040	2050	2060	2070	2080
Steam Electric Power	Lamar	Red	297	297	297	297	297	297
Livestock	Lamar	Red	(82)	(82)	(82)	(82)	(82)	(82)
Irrigation	Lamar	Red	(3,883)	(3,883)	(3,883)	(3,883)	(3,883)	(3,883)
Blossom	Lamar	Sulphur	93	109	109	110	111	111
Lamar County WSD	Lamar	Sulphur	2,691	2,660	2,640	2,620	2,590	2,593
Paris	Lamar	Sulphur	240	101	0	0	0	0
Reno (Lamar)	Lamar	Sulphur	196	241	292	342	394	396
County-Other	Lamar	Sulphur	(92)	(85)	(86)	(86)	(87)	(85)
Manufacturing	Lamar	Sulphur	812	902	976	1,005	845	678
Steam Electric Power	Lamar	Sulphur	2,958	2,958	2,958	2,958	2,958	2,958
Livestock	Lamar	Sulphur	575	575	575	575	575	575
Irrigation	Lamar	Sulphur	(808)	(808)	(808)	(808)	(808)	(808)
Diana SUD	Marion	Cypress	2	11	17	22	27	31
E M C WSC	Marion	Cypress	113	127	142	152	163	174
Harleton WSC	Marion	Cypress	33	43	54	61	68	76
Jefferson	Marion	Cypress	1,829	1,860	1,892	1,914	1,936	1,957
Kellyville-Berea WSC	Marion	Cypress	23	26	29	31	32	33
Mims WSC	Marion	Cypress	640	635	628	624	620	614
Ore City	Marion	Cypress	(15)	(19)	(25)	(29)	(33)	(37)
County-Other	Marion	Cypress	550	564	582	593	605	619
Manufacturing	Marion	Cypress	(151)	(157)	(163)	(169)	(175)	(181)
Mining	Marion	Cypress	95	98	100	102	104	104
Steam Electric Power	Marion	Cypress	188	570	1,035	1,603	1,990	1,990
Livestock	Marion	Cypress	242	242	242	242	242	242
Irrigation	Marion	Cypress	310	310	310	310	310	310
Bi County WSC	Morris	Cypress	10	22	35	43	51	60
Daingerfield	Morris	Cypress	1,130	1,119	1,103	1,095	1,086	1,077
Holly Springs WSC	Morris	Cypress	(20)	(15)	(8)	(4)	0	3
Lone Star	Morris	Cypress	541	557	575	587	598	611

TWDB: Source Availability

			Water Supply Needs or Surplus (acre-feet per year)					
WUG Name	County	Basin	2030	2040	2050	2060	2070	2080
Naples	Morris	Cypress	23	24	24	25	25	26
Omaha	Morris	Cypress	78	80	83	84	86	88
Tri SUD	Morris	Cypress	(45)	(47)	(41)	(35)	(26)	(17)
Western Cass WSC	Morris	Cypress	(6)	(5)	(5)	(5)	(5)	(5)
County-Other	Morris	Cypress	162	166	169	170	173	174
Manufacturing	Morris	Cypress	87,699	81,358	81,551	89,323	81,954	80,768
Steam Electric Power	Morris	Cypress	770	770	770	770	770	770
Livestock	Morris	Cypress	(61)	(61)	(61)	(61)	(61)	(61)
Irrigation	Morris	Cypress	58	58	58	58	58	58
Naples	Morris	Sulphur	20	21	22	22	23	23
Omaha	Morris	Sulphur	57	59	60	62	63	64
Western Cass WSC	Morris	Sulphur	(10)	(10)	(10)	(10)	(10)	(10)
County-Other	Morris	Sulphur	114	115	116	117	117	118
Livestock	Morris	Sulphur	70	70	70	70	70	70
Irrigation	Morris	Sulphur	1	1	1	1	1	1
Bright Star Salem SUD	Rains	Sabine	695	659	628	589	548	515
Cash SUD*	Rains	Sabine	(14)	(32)	(40)	(39)	(141)	(173)
East Tawakoni	Rains	Sabine	63	62	58	60	61	62
Emory	Rains	Sabine	97	92	76	73	70	66
Golden WSC	Rains	Sabine	0	(1)	(1)	(1)	(1)	(1)
Miller Grove WSC	Rains	Sabine	(6)	(8)	(10)	(11)	(14)	(16)
Point	Rains	Sabine	150	147	142	143	142	142
Shirley WSC	Rains	Sabine	43	38	35	31	26	19
South Rains SUD	Rains	Sabine	11	(12)	(28)	(49)	(70)	(92)
County-Other	Rains	Sabine	158	146	130	107	88	69
Manufacturing	Rains	Sabine	11	11	11	11	11	11
Livestock	Rains	Sabine	3	3	3	3	3	3
Irrigation	Rains	Sabine	(3)	(3)	(3)	(3)	(3)	(3)
410 WSC	Red River	Red	(87)	(81)	(74)	(69)	(64)	(58)

TWDB: Source Availability

			Water Supply Needs or Surplus (acre-feet per year)					
WUG Name	County	Basin	2030	2040	2050	2060	2070	2080
Red River County WSC	Red River	Red	74	82	88	91	92	89
County-Other	Red River	Red	11	18	27	33	41	54
Manufacturing	Red River	Red	5,051	5,044	5,044	5,044	5,044	5,044
Livestock	Red River	Red	80	80	80	80	80	80
Irrigation	Red River	Red	(212)	(212)	(212)	(212)	(212)	(212)
410 WSC	Red River	Sulphur	(48)	(41)	(32)	(25)	(17)	(10)
Bogata	Red River	Sulphur	340	350	359	367	374	381
Clarksville	Red River	Sulphur	(252)	(179)	(106)	(49)	10	69
Red River County WSC	Red River	Sulphur	48	69	82	90	92	87
Talco	Red River	Sulphur	12	11	11	11	10	10
County-Other	Red River	Sulphur	(30)	(12)	10	34	64	103
Livestock	Red River	Sulphur	(145)	(145)	(145)	(145)	(145)	(145)
Irrigation	Red River	Sulphur	(2,469)	(2,469)	(2,469)	(2,469)	(2,469)	(2,469)
Carroll WSC*	Smith	Sabine	9	9	12	15	19	17
Crystal Systems Texas*	Smith	Sabine	(204)	(296)	(363)	(393)	(417)	(443)
East Texas MUD	Smith	Sabine	(172)	(385)	(537)	(678)	(820)	(962)
Jackson WSC*	Smith	Sabine	0	0	0	0	0	0
Liberty City WSC	Smith	Sabine	(1)	(3)	(5)	(7)	(9)	(11)
Lindale Rural WSC*	Smith	Sabine	(291)	(419)	(514)	(594)	(675)	(756)
Lindale*	Smith	Sabine	(86)	(116)	(153)	(154)	(150)	(158)
Overton*	Smith	Sabine	0	0	0	0	0	0
Pine Ridge WSC	Smith	Sabine	72	50	32	18	3	(11)
Sand Flat WSC	Smith	Sabine	227	215	207	203	200	196
Southern Utilities*	Smith	Sabine	0	0	(64)	(116)	(170)	(223)
Star Mountain WSC	Smith	Sabine	(31)	(42)	(52)	(57)	(63)	(69)
Starrville-Friendship WSC	Smith	Sabine	81	83	83	86	89	92

TWDB: Source Availability

			Water Supply Needs or Surplus (acre-feet per year)					
WUG Name	County	Basin	2030	2040	2050	2060	2070	2080
Tyler*	Smith	Sabine	0	0	0	0	0	0
West Gregg SUD*	Smith	Sabine	28	23	18	16	16	13
Winona	Smith	Sabine	(11)	(30)	(43)	(55)	(66)	(77)
County-Other*	Smith	Sabine	23	23	23	23	23	23
Manufacturing*	Smith	Sabine	0	0	(7)	(8)	(7)	(9)
Livestock*	Smith	Sabine	0	0	0	0	0	0
Irrigation*	Smith	Sabine	0	0	0	0	0	0
Bi County WSC	Titus	Cypress	31	21	6	(7)	(20)	(35)
Cypress Springs SUD	Titus	Cypress	68	73	82	82	80	79
Mount Pleasant	Titus	Cypress	13,188	12,735	12,329	11,780	11,305	11,134
Tri SUD	Titus	Cypress	(288)	(340)	(338)	(322)	(279)	(215)
County-Other	Titus	Cypress	365	391	421	395	383	395
Manufacturing	Titus	Cypress	(1,718)	(1,761)	(1,943)	(2,380)	(2,695)	(2,887)
Steam Electric Power	Titus	Cypress	(1,076)	(2,496)	(3,816)	(4,584)	(5,473)	(6,293)
Livestock	Titus	Cypress	(242)	(242)	(242)	(247)	(247)	(247)
Irrigation	Titus	Cypress	3	3	3	3	3	3
Cypress Springs SUD	Titus	Sulphur	50	53	59	59	59	57
Talco	Titus	Sulphur	348	349	353	356	360	364
Tri SUD	Titus	Sulphur	(164)	(193)	(193)	(184)	(160)	(123)
County-Other	Titus	Sulphur	390	423	466	505	522	542
Livestock	Titus	Sulphur	77	77	77	37	16	16
Irrigation	Titus	Sulphur	4	4	4	4	4	4
Bi County WSC	Upshur	Cypress	77	76	78	83	89	95
Diana SUD	Upshur	Cypress	605	559	504	445	379	307
East Mountain Water System	Upshur	Cypress	8	8	8	9	10	11
Gilmer	Upshur	Cypress	280	275	279	292	306	320
Glenwood WSC	Upshur	Cypress	15	13	14	19	23	28
Ore City	Upshur	Cypress	1,526	1,525	1,526	1,529	1,531	1,534

TWDB: Source Availability

			Water Supply Needs or Surplus (acre-feet per year)					
WUG Name	County	Basin	2030	2040	2050	2060	2070	2080
Pritchett WSC	Upshur	Cypress	186	185	186	189	193	197
Sharon WSC	Upshur	Cypress	133	132	133	136	139	142
Union Grove WSC	Upshur	Cypress	6	6	7	6	6	7
County-Other	Upshur	Cypress	669	790	838	921	1,011	1,085
Manufacturing	Upshur	Cypress	(27)	(28)	(30)	(31)	(32)	(33)
Livestock	Upshur	Cypress	350	350	350	350	350	350
Irrigation	Upshur	Cypress	568	568	568	568	568	568
Big Sandy	Upshur	Sabine	(19)	(20)	(20)	(16)	(12)	(8)
East Mountain Water System	Upshur	Sabine	(175)	(177)	(176)	(172)	(167)	(163)
Fouke WSC	Upshur	Sabine	3	2	2	2	1	1
Gladewater	Upshur	Sabine	72	64	54	47	38	(98)
Glenwood WSC	Upshur	Sabine	3	3	3	3	4	4
Pritchett WSC	Upshur	Sabine	(46)	(49)	(46)	(37)	(28)	(19)
Union Grove WSC	Upshur	Sabine	138	136	136	141	144	146
County-Other	Upshur	Sabine	448	476	496	525	555	583
Manufacturing	Upshur	Sabine	(52)	(54)	(55)	(57)	(59)	(62)
Mining	Upshur	Sabine	119	129	95	61	36	36
Livestock	Upshur	Sabine	53	53	53	53	53	53
Ben Wheeler WSC*	Van Zandt	Neches	14	(36)	(82)	(132)	(183)	(227)
Bethel Ash WSC*	Van Zandt	Neches	0	0	0	0	0	0
Carroll WSC*	Van Zandt	Neches	0	0	(1)	(1)	(1)	(1)
Edom WSC*	Van Zandt	Neches	(46)	(51)	(56)	(59)	(60)	(60)
Little Hope Moore WSC	Van Zandt	Neches	(4)	(6)	(9)	(11)	(14)	(15)
R P M WSC*	Van Zandt	Neches	(21)	(26)	(24)	(23)	(19)	(14)
Van	Van Zandt	Neches	68	42	21	3	(16)	(17)
County-Other	Van Zandt	Neches	739	681	634	600	595	587
Livestock	Van Zandt	Neches	524	522	521	520	519	518

TWDB: Source Availability

WUG Name	County	Basin	Water Supply Needs or Surplus (acre-feet per year)					
			2030	2040	2050	2060	2070	2080
Irrigation	Van Zandt	Neches	17	15	14	12	7	7
Ables Springs SUD*	Van Zandt	Sabine	(1)	(1)	(2)	(2)	(2)	(2)
Canton	Van Zandt	Sabine	640	444	254	58	(197)	(400)
Carroll WSC*	Van Zandt	Sabine	(58)	(66)	(72)	(81)	(89)	(97)
Combined Consumers SUD	Van Zandt	Sabine	0	0	0	0	0	0
Edgewood	Van Zandt	Sabine	0	0	0	0	0	0
Fruitvale WSC	Van Zandt	Sabine	26	(3)	(18)	(43)	(76)	(95)
Golden WSC	Van Zandt	Sabine	0	(9)	(19)	(29)	(39)	(49)
Grand Saline	Van Zandt	Sabine	(121)	(128)	(122)	(117)	(120)	(109)
Little Hope Moore WSC	Van Zandt	Sabine	(8)	(14)	(19)	(25)	(30)	(33)
MacBee SUD*	Van Zandt	Sabine	(121)	(206)	(304)	(432)	(597)	(809)
Myrtle Springs WSC	Van Zandt	Sabine	(37)	(55)	(70)	(90)	(110)	(129)
Pine Ridge WSC	Van Zandt	Sabine	(31)	(44)	(55)	(68)	(82)	(95)
Pruitt Sandflat WSC	Van Zandt	Sabine	101	101	110	116	117	127
South Tawakoni WSC	Van Zandt	Sabine	0	0	0	0	0	0
Van	Van Zandt	Sabine	(114)	(111)	(110)	(106)	(101)	(101)
Wills Point	Van Zandt	Sabine	19	19	19	19	19	19
County-Other	Van Zandt	Sabine	(54)	(149)	(270)	(350)	(330)	(371)
Manufacturing	Van Zandt	Sabine	(348)	(369)	(383)	(403)	(436)	(456)
Mining	Van Zandt	Sabine	2,003	2,176	2,387	2,576	2,687	2,725
Livestock	Van Zandt	Sabine	271	271	273	274	270	272
Bethel Ash WSC*	Van Zandt	Trinity	0	0	0	0	0	0
Mabank*	Van Zandt	Trinity	(9)	(16)	(22)	(30)	(37)	(44)
MacBee SUD*	Van Zandt	Trinity	(268)	(387)	(539)	(735)	(985)	(1,314)
Myrtle Springs WSC	Van Zandt	Trinity	(93)	(137)	(175)	(224)	(274)	(320)
Wills Point	Van Zandt	Trinity	0	0	0	0	0	0
County-Other	Van Zandt	Trinity	302	269	191	164	175	82

TWDB: Source Availability

			Water Supply Needs or Surplus (acre-feet per year)					
WUG Name	County	Basin	2030	2040	2050	2060	2070	2080
Livestock	Van Zandt	Trinity	89	83	52	103	36	81
Cypress Springs SUD	Wood	Cypress	123	119	111	104	96	86
Sharon WSC	Wood	Cypress	(1)	(11)	(17)	(29)	(42)	(54)
Winnsboro	Wood	Cypress	388	358	329	296	262	229
County-Other	Wood	Cypress	740	750	747	759	758	763
Livestock	Wood	Cypress	209	209	209	209	209	209
Irrigation	Wood	Cypress	60	60	60	60	60	60
Bright Star Salem SUD	Wood	Sabine	42	13	(5)	(46)	(87)	(128)
Cornersville WSC	Wood	Sabine	26	26	26	25	25	24
Fouke WSC	Wood	Sabine	228	197	175	137	100	61
Golden WSC	Wood	Sabine	(1)	(12)	(19)	(30)	(42)	(53)
Hawkins	Wood	Sabine	536	530	526	525	523	521
Jones WSC	Wood	Sabine	348	315	294	143	208	164
Lake Fork WSC	Wood	Sabine	393	375	364	342	320	298
Liberty Utilities Silverleaf Water*	Wood	Sabine	(331)	(355)	(370)	(391)	(412)	(434)
Mineola	Wood	Sabine	806	764	736	685	634	582
New Hope SUD	Wood	Sabine	(167)	(162)	(160)	(141)	(122)	(105)
Pritchett WSC	Wood	Sabine	2	1	1	1	1	1
Quitman	Wood	Sabine	665	656	645	643	639	647
Ramey WSC	Wood	Sabine	10	(73)	(172)	(285)	(415)	(564)
Sharon WSC	Wood	Sabine	126	106	93	66	40	13
Shirley WSC	Wood	Sabine	6	5	5	3	3	2
Winnsboro	Wood	Sabine	409	377	347	311	277	240
County-Other	Wood	Sabine	3,270	3,273	3,307	3,312	3,339	3,371
Manufacturing	Wood	Sabine	(1,410)	(1,518)	(1,630)	(1,746)	(1,866)	(1,991)
Mining	Wood	Sabine	(59)	(60)	(61)	(60)	(60)	(60)
Livestock	Wood	Sabine	318	318	318	318	318	318
Irrigation	Wood	Sabine	775	775	775	775	775	775

TWDB: Source Availability





TWDB: WUG Category Summary

**C4-3: Region D Water User Group (WUG) Second-Tier Identified Water Needs**

Second-tier needs are WUG split needs adjusted to include the implementation of recommended demand reduction and direct reuse water management strategies.

	WUG SECOND-TIER NEEDS (ACRE-FEET PER YEAR)					
	2030	2040	2050	2060	2070	2080
<b>BOWIE COUNTY - RED</b>						
Burns Redbank WSC	260	274	291	310	329	349
Central Bowie County WSC	118	118	119	120	121	122
County-Other, Bowie	0	0	0	0	0	0
De Kalb	48	48	47	47	46	45
Hooks	317	313	310	305	301	296
Irrigation, Bowie	2,184	2,184	2,184	2,184	2,184	2,184
Livestock, Bowie	52	47	40	35	32	32
Manufacturing, Bowie	260	269	279	290	301	313
Mining, Bowie	753	760	794	823	846	864
New Boston	403	399	396	389	383	377
Riverbend Water Resources District	211	209	206	203	200	196
Texarkana	840	832	825	813	802	790
<b>BOWIE COUNTY - SULPHUR</b>						
Central Bowie County WSC	651	651	657	663	669	675
County-Other, Bowie	0	0	0	0	0	0
De Kalb	218	215	214	210	208	205
Irrigation, Bowie	3,032	3,032	3,032	3,032	3,032	3,032
Livestock, Bowie	113	102	88	74	69	69
Macedonia Eylau MUD 1	710	705	698	688	677	666
Manufacturing, Bowie	1,483	1,538	1,597	1,657	1,720	1,785
Maud	164	162	161	158	156	153
Mining, Bowie	1,228	1,238	1,294	1,341	1,379	1,408
Nash	314	309	306	302	297	292
New Boston	906	898	889	876	862	848
Redwater	337	333	329	323	317	311
Riverbend Water Resources District	169	166	165	162	159	157

TWDB: WUG Second-Tier Identified Water Needs

	WUG SECOND-TIER NEEDS (ACRE-FEET PER YEAR)					
	2030	2040	2050	2060	2070	2080
Texarkana	5,929	5,870	5,824	5,741	5,657	5,572
Wake Village	649	641	635	625	615	605
<b>CAMP COUNTY - CYPRESS</b>						
Bi County WSC	0	0	0	0	0	0
County-Other, Camp	0	0	0	0	0	0
Cypress Springs SUD	10	10	10	10	10	10
Irrigation, Camp	5	5	5	5	5	5
Livestock, Camp	496	496	496	496	496	496
Manufacturing, Camp	38	39	41	43	45	47
Pittsburg	408	415	417	424	431	439
Sharon WSC	4	4	4	4	4	4
<b>CASS COUNTY - CYPRESS</b>						
Atlanta	0	0	0	0	0	0
Avinger	0	0	0	0	0	0
County-Other, Cass	285	235	182	133	82	25
E M C WSC	0	0	0	0	0	0
Eastern Cass WSC	0	0	0	0	0	0
Holly Springs WSC	15	11	8	5	2	0
Hughes Springs	0	0	0	0	0	0
Linden	0	0	0	0	0	0
Livestock, Cass	187	187	187	187	187	187
Manufacturing, Cass	0	0	0	0	0	0
Mims WSC	0	0	0	0	0	0
Mining, Cass	0	0	0	0	0	0
Queen City	0	0	0	0	0	0
Western Cass WSC	0	0	0	0	0	0
<b>CASS COUNTY - SULPHUR</b>						
Atlanta	0	0	0	0	0	0
County-Other, Cass	76	56	34	15	0	0
Eastern Cass WSC	0	0	0	0	0	0
Livestock, Cass	0	0	0	0	0	0
Manufacturing, Cass	3,533	4,872	6,260	7,696	9,188	10,735

TWDB: WUG Second-Tier Identified Water Needs

	WUG SECOND-TIER NEEDS (ACRE-FEET PER YEAR)					
	2030	2040	2050	2060	2070	2080
Queen City	0	0	0	0	0	0
Western Cass WSC	0	0	0	0	0	0
<b>COLLIN COUNTY - SABINE</b>						
Caddo Basin SUD	0	604	1,048	1,210	1,344	1,400
<b>COLLIN COUNTY - TRINITY</b>						
Caddo Basin SUD	24	535	907	1,046	1,163	1,209
Hickory Creek SUD	10	13	18	24	29	36
<b>DELTA COUNTY - SULPHUR</b>						
Cooper	0	0	0	0	0	0
County-Other, Delta	0	0	0	0	0	0
Delta County MUD	0	0	0	0	22	204
Irrigation, Delta	0	0	0	0	0	0
Livestock, Delta	220	220	220	220	220	220
North Hunt SUD	20	22	23	25	25	24
<b>FANNIN COUNTY - SULPHUR</b>						
Delta County MUD	0	0	0	0	1	11
Hickory Creek SUD	17	17	18	19	17	17
North Hunt SUD	0	0	2	4	7	8
Wolfe City	0	0	0	0	0	0
<b>FANNIN COUNTY - TRINITY</b>						
Hickory Creek SUD	7	6	6	6	6	5
<b>FRANKLIN COUNTY - CYPRESS</b>						
Cornersville WSC	3	4	4	4	5	5
County-Other, Franklin	0	0	0	0	0	0
Cypress Springs SUD	0	0	0	0	0	0
Irrigation, Franklin	0	0	0	0	0	0
Livestock, Franklin	190	190	190	190	190	190
Winnsboro	0	0	0	0	0	0
<b>FRANKLIN COUNTY - SABINE</b>						
Irrigation, Franklin	0	0	0	0	0	0
<b>FRANKLIN COUNTY - SULPHUR</b>						
County-Other, Franklin	0	0	0	0	0	0

TWDB: WUG Second-Tier Identified Water Needs

	WUG SECOND-TIER NEEDS (ACRE-FEET PER YEAR)					
	2030	2040	2050	2060	2070	2080
Cypress Springs SUD	0	0	0	0	0	0
Irrigation, Franklin	0	0	0	0	0	0
Livestock, Franklin	118	118	118	118	118	118
Mount Vernon	0	0	0	0	0	0
<b>GREGG COUNTY - CYPRESS</b>						
County-Other, Gregg	0	0	0	0	0	0
East Mountain Water System	32	32	32	31	30	30
Glenwood WSC	0	0	0	0	0	0
Livestock, Gregg	16	16	16	16	16	16
Mining, Gregg	0	0	0	0	1	1
Tryon Road SUD	0	0	0	0	0	0
<b>GREGG COUNTY - SABINE</b>						
Clarksville City	0	0	0	0	0	0
County-Other, Gregg	0	0	0	0	0	0
East Mountain Water System	20	21	21	20	19	20
Elderville WSC	0	0	0	0	0	0
Gladewater	0	0	0	0	0	0
Irrigation, Gregg	0	0	0	0	0	0
Kilgore	0	0	0	0	0	0
Liberty City WSC	0	0	0	0	0	0
Livestock, Gregg	0	0	0	0	0	0
Longview	0	0	0	0	0	0
Manufacturing, Gregg	0	0	0	0	44	105
Mining, Gregg	0	0	0	0	0	0
Starrville-Friendship WSC	0	0	0	0	0	0
Steam-Electric Power, Gregg	0	0	0	0	0	0
Tryon Road SUD	0	0	0	0	0	0
West Gregg SUD	0	0	0	0	0	0
White Oak	0	0	0	0	0	0
<b>HARRISON COUNTY - CYPRESS</b>						
Blocker Crossroads WSC	0	0	0	0	0	0
County-Other, Harrison	0	0	0	0	0	0

TWDB: WUG Second-Tier Identified Water Needs

	WUG SECOND-TIER NEEDS (ACRE-FEET PER YEAR)					
	2030	2040	2050	2060	2070	2080
Cypress Valley WSC	11	14	15	17	18	19
Diana SUD	0	0	0	0	0	0
Gum Springs WSC	0	0	0	0	0	0
Harleton WSC	0	0	0	0	4	8
Irrigation, Harrison	283	283	283	283	283	283
Leigh WSC	0	0	0	0	0	0
Livestock, Harrison	0	0	0	0	0	0
Manufacturing, Harrison	0	0	0	0	0	0
Marshall	0	0	0	0	0	0
Mining, Harrison	433	425	416	409	399	399
North Harrison WSC	2	9	10	14	19	23
Scottsville	0	0	1	8	14	20
Talley WSC	0	0	0	0	0	0
Tryon Road SUD	162	234	243	312	377	453
Waskom	0	0	0	0	0	0
West Harrison WSC	0	0	0	0	0	0
<b>HARRISON COUNTY - SABINE</b>						
Blocker Crossroads WSC	0	0	0	0	0	0
County-Other, Harrison	0	0	0	0	0	0
Elysian Fields WSC	165	191	195	224	252	279
Gill WSC	0	0	0	0	0	0
Gum Springs WSC	0	0	0	0	0	0
Hallsville	0	0	0	0	0	23
Irrigation, Harrison	191	191	191	191	191	191
Livestock, Harrison	0	0	0	0	0	0
Longview	0	0	0	0	0	0
Manufacturing, Harrison	0	0	0	0	0	0
Marshall	0	0	0	0	0	0
Mining, Harrison	1,419	1,409	1,400	1,392	1,383	1,383
Scottsville	52	73	74	96	118	138
Steam-Electric Power, Harrison	0	0	0	0	0	0
Talley WSC	0	0	0	0	0	0

TWDB: WUG Second-Tier Identified Water Needs

	WUG SECOND-TIER NEEDS (ACRE-FEET PER YEAR)					
	2030	2040	2050	2060	2070	2080
West Harrison WSC	0	0	0	0	0	0
<b>HENDERSON COUNTY - NECHES</b>						
Edom WSC	21	24	23	24	26	27
R P M WSC	0	7	5	9	12	13
<b>HOPKINS COUNTY - CYPRESS</b>						
Cornersville WSC	0	0	0	0	0	0
Cypress Springs SUD	0	0	0	0	0	0
Irrigation, Hopkins	8	8	8	8	8	8
Livestock, Hopkins	128	124	124	120	118	118
<b>HOPKINS COUNTY - SABINE</b>						
Brashear WSC	36	40	38	37	37	41
Cash SUD	4	8	10	9	29	38
Como	0	0	0	0	0	0
Cornersville WSC	0	0	0	0	0	0
County-Other, Hopkins	0	0	0	0	0	0
Cumby	0	0	0	0	0	0
Irrigation, Hopkins	106	106	106	106	106	106
Jones WSC	0	0	0	0	0	0
Lake Fork WSC	0	0	0	0	0	0
Livestock, Hopkins	0	0	0	0	0	0
Martin Springs WSC	0	0	0	0	0	0
Miller Grove WSC	30	40	44	51	58	64
Mining, Hopkins	0	0	0	0	0	0
Shady Grove No 2 WSC	14	15	14	13	12	15
Shirley WSC	0	0	0	0	0	0
<b>HOPKINS COUNTY - SULPHUR</b>						
Brashear WSC	19	22	20	18	16	20
Brinker WSC	97	122	130	143	157	171
Como	0	0	0	0	0	0
Cornersville WSC	6	6	6	6	6	6
County-Other, Hopkins	0	0	0	0	0	0
Cumby	0	0	0	0	0	0



TWDB: WUG Second-Tier Identified Water Needs

	WUG SECOND-TIER NEEDS (ACRE-FEET PER YEAR)					
	2030	2040	2050	2060	2070	2080
Cypress Springs SUD	0	0	0	0	0	0
Gafford Chapel WSC	0	0	0	0	0	0
Irrigation, Hopkins	3,673	3,673	3,673	3,673	3,673	3,673
Livestock, Hopkins	0	0	0	0	0	0
Manufacturing, Hopkins	0	0	0	0	0	0
Martin Springs WSC	0	0	0	0	0	0
North Hopkins WSC	231	271	297	325	354	383
Shady Grove No 2 WSC	0	0	0	0	0	0
Sulphur Springs	0	0	0	0	0	0
<b>HUNT COUNTY - SABINE</b>						
B H P WSC	41	133	216	287	356	413
Caddo Basin SUD	1,056	662	732	490	19	211
Caddo Mills	0	0	0	0	0	0
Cash SUD	307	700	814	687	519	784
Celeste	14	19	24	28	32	35
Combined Consumers SUD	0	0	0	0	0	0
County-Other, Hunt	0	0	0	0	0	0
Greenville	13,658	16,254	17,865	19,224	20,604	21,801
Hickory Creek SUD	90	124	169	220	275	342
Irrigation, Hunt	124	124	124	124	124	124
Livestock, Hunt	23	23	23	23	23	23
MacBee SUD	8	1	0	0	0	0
Manufacturing, Hunt	0	0	0	0	0	0
Poetry WSC	0	0	0	0	0	0
Quinlan	0	0	0	0	0	0
Shady Grove SUD	0	0	0	0	0	0
Steam-Electric Power, Hunt	0	0	0	0	0	0
West Tawakoni	0	0	0	0	0	0
<b>HUNT COUNTY - SULPHUR</b>						
Commerce	0	0	0	0	0	0
County-Other, Hunt	230	209	259	217	146	103
Hickory Creek SUD	75	100	128	164	203	248

TWDB: WUG Second-Tier Identified Water Needs

	WUG SECOND-TIER NEEDS (ACRE-FEET PER YEAR)					
	2030	2040	2050	2060	2070	2080
Irrigation, Hunt	69	69	69	69	69	69
Livestock, Hunt	39	39	39	39	39	39
North Hunt SUD	172	160	150	137	124	115
Shady Grove SUD	0	0	0	0	0	0
Texas A&M University Commerce	276	275	275	275	275	275
Wolfe City	0	0	0	0	0	0
<b>HUNT COUNTY - TRINITY</b>						
County-Other, Hunt	0	0	0	0	0	0
Hickory Creek SUD	59	75	95	118	143	173
Irrigation, Hunt	0	0	0	0	0	0
Livestock, Hunt	14	14	14	13	13	13
<b>KAUFMAN COUNTY - SABINE</b>						
MacBee SUD	3	2	2	3	3	12
Poetry WSC	46	68	133	235	402	502
<b>KAUFMAN COUNTY - TRINITY</b>						
MacBee SUD	7	10	12	14	17	20
Poetry WSC	68	97	181	315	522	645
<b>LAMAR COUNTY - RED</b>						
County-Other, Lamar	29	29	28	28	28	28
Irrigation, Lamar	3,883	3,883	3,883	3,883	3,883	3,883
Lamar County WSD	0	0	0	0	0	0
Livestock, Lamar	82	82	82	82	82	82
Manufacturing, Lamar	196	196	204	182	194	240
Paris	0	0	0	0	0	0
Reno (Lamar)	0	0	0	0	0	0
Steam-Electric Power, Lamar	0	0	0	0	0	0
<b>LAMAR COUNTY - SULPHUR</b>						
Blossom	0	0	0	0	0	0
County-Other, Lamar	92	85	86	86	87	85
Irrigation, Lamar	808	808	808	808	808	808
Lamar County WSD	0	0	0	0	0	0
Livestock, Lamar	0	0	0	0	0	0

TWDB: WUG Second-Tier Identified Water Needs

	WUG SECOND-TIER NEEDS (ACRE-FEET PER YEAR)					
	2030	2040	2050	2060	2070	2080
Manufacturing, Lamar	0	0	0	0	0	0
Paris	0	0	0	0	0	0
Reno (Lamar)	0	0	0	0	0	0
Steam-Electric Power, Lamar	0	0	0	0	0	0
<b>MARION COUNTY - CYPRESS</b>						
County-Other, Marion	0	0	0	0	0	0
Diana SUD	0	0	0	0	0	0
E M C WSC	0	0	0	0	0	0
Harleton WSC	0	0	0	0	0	0
Irrigation, Marion	0	0	0	0	0	0
Jefferson	0	0	0	0	0	0
Kellyville-Berea WSC	0	0	0	0	0	0
Livestock, Marion	0	0	0	0	0	0
Manufacturing, Marion	136	141	147	152	158	163
Mims WSC	0	0	0	0	0	0
Mining, Marion	0	0	0	0	0	0
Ore City	15	19	25	29	33	37
Steam-Electric Power, Marion	0	0	0	0	0	0
<b>MORRIS COUNTY - CYPRESS</b>						
Bi County WSC	0	0	0	0	0	0
County-Other, Morris	0	0	0	0	0	0
Daingerfield	0	0	0	0	0	0
Holly Springs WSC	20	15	8	4	0	0
Irrigation, Morris	0	0	0	0	0	0
Livestock, Morris	61	61	61	61	61	61
Lone Star	0	0	0	0	0	0
Manufacturing, Morris	0	0	0	0	0	0
Naples	0	0	0	0	0	0
Omaha	0	0	0	0	0	0
Steam-Electric Power, Morris	0	0	0	0	0	0
Tri SUD	45	47	41	35	26	17
Western Cass WSC	6	5	5	5	5	5

TWDB: WUG Second-Tier Identified Water Needs

	WUG SECOND-TIER NEEDS (ACRE-FEET PER YEAR)					
	2030	2040	2050	2060	2070	2080
<b>MORRIS COUNTY - SULPHUR</b>						
County-Other, Morris	0	0	0	0	0	0
Irrigation, Morris	0	0	0	0	0	0
Livestock, Morris	0	0	0	0	0	0
Naples	0	0	0	0	0	0
Omaha	0	0	0	0	0	0
Western Cass WSC	10	10	10	10	10	10
<b>PANOLA COUNTY - SABINE</b>						
Elysian Fields WSC	5	6	6	6	6	6
Gill WSC	0	0	0	0	0	0
<b>RAINS COUNTY - SABINE</b>						
Bright Star Salem SUD	0	0	0	0	0	0
Cash SUD	14	32	40	39	141	173
County-Other, Rains	0	0	0	0	0	0
East Tawakoni	0	0	0	0	0	0
Emory	0	0	0	0	0	0
Golden WSC	0	1	1	1	1	1
Irrigation, Rains	3	3	3	3	3	3
Livestock, Rains	0	0	0	0	0	0
Manufacturing, Rains	0	0	0	0	0	0
Miller Grove WSC	6	8	10	11	14	16
Point	0	0	0	0	0	0
Shirley WSC	0	0	0	0	0	0
South Rains SUD	0	12	28	49	70	92
<b>RED RIVER COUNTY - RED</b>						
410 WSC	28	25	21	18	15	11
County-Other, Red River	0	0	0	0	0	0
Irrigation, Red River	212	212	212	212	212	212
Livestock, Red River	0	0	0	0	0	0
Manufacturing, Red River	0	0	0	0	0	0
Red River County WSC	0	0	0	0	0	0
<b>RED RIVER COUNTY - SULPHUR</b>						

TWDB: WUG Second-Tier Identified Water Needs

	WUG SECOND-TIER NEEDS (ACRE-FEET PER YEAR)					
	2030	2040	2050	2060	2070	2080
410 WSC	0	0	0	0	0	0
Bogata	0	0	0	0	0	0
Clarksville	252	179	106	49	0	0
County-Other, Red River	30	12	0	0	0	0
Irrigation, Red River	2,469	2,469	2,469	2,469	2,469	2,469
Livestock, Red River	145	145	145	145	145	145
Red River County WSC	0	0	0	0	0	0
Talco	0	0	0	0	0	0
<b>ROCKWALL COUNTY - SABINE</b>						
Cash SUD	47	125	171	167	151	261
<b>RUSK COUNTY - SABINE</b>						
Elderville WSC	0	0	0	0	0	0
Kilgore	0	0	0	0	0	0
West Gregg SUD	0	0	0	0	0	3
<b>SMITH COUNTY - NECHES</b>						
Ben Wheeler WSC	1	0	1	2	3	3
Carroll WSC	0	0	0	0	0	0
Crystal Systems Texas	0	0	0	0	0	0
Liberty Utilities Silverleaf Water	0	5	27	48	69	90
Lindale	0	0	0	0	0	0
Lindale Rural WSC	0	0	0	0	0	0
R P M WSC	0	0	0	0	0	0
<b>SMITH COUNTY - SABINE</b>						
Carroll WSC	0	0	0	0	0	0
Crystal Systems Texas	0	0	0	0	0	0
East Texas MUD	172	385	537	678	820	962
Liberty City WSC	1	3	5	7	9	11
Lindale	86	116	153	154	150	158
Lindale Rural WSC	291	419	514	594	675	756
Pine Ridge WSC	0	0	0	0	0	11
Sand Flat WSC	0	0	0	0	0	0
Star Mountain WSC	31	42	52	57	63	69

TWDB: WUG Second-Tier Identified Water Needs

	WUG SECOND-TIER NEEDS (ACRE-FEET PER YEAR)					
	2030	2040	2050	2060	2070	2080
Starrville-Friendship WSC	0	0	0	0	0	0
West Gregg SUD	0	0	0	0	0	0
Winona	11	30	43	55	66	77
<b>TITUS COUNTY - CYPRESS</b>						
Bi County WSC	0	0	0	7	20	35
County-Other, Titus	0	0	0	0	0	0
Cypress Springs SUD	0	0	0	0	0	0
Irrigation, Titus	0	0	0	0	0	0
Livestock, Titus	242	242	242	247	247	247
Manufacturing, Titus	1,273	1,299	1,464	1,883	2,179	2,352
Mount Pleasant	0	0	0	0	0	0
Steam-Electric Power, Titus	0	0	0	0	0	0
Tri SUD	288	340	338	322	279	215
<b>TITUS COUNTY - SULPHUR</b>						
County-Other, Titus	0	0	0	0	0	0
Cypress Springs SUD	0	0	0	0	0	0
Irrigation, Titus	0	0	0	0	0	0
Livestock, Titus	0	0	0	0	0	0
Talco	0	0	0	0	0	0
Tri SUD	164	193	193	184	160	123
<b>UPSHUR COUNTY - CYPRESS</b>						
Bi County WSC	0	0	0	0	0	0
County-Other, Upshur	0	0	0	0	0	0
Diana SUD	0	0	0	0	0	0
East Mountain Water System	0	0	0	0	0	0
Gilmer	0	0	0	0	0	0
Glenwood WSC	0	0	0	0	0	0
Irrigation, Upshur	0	0	0	0	0	0
Livestock, Upshur	0	0	0	0	0	0
Manufacturing, Upshur	24	25	26	27	28	29
Ore City	0	0	0	0	0	0
Pritchett WSC	0	0	0	0	0	0

TWDB: WUG Second-Tier Identified Water Needs

	WUG SECOND-TIER NEEDS (ACRE-FEET PER YEAR)					
	2030	2040	2050	2060	2070	2080
Sharon WSC	0	0	0	0	0	0
Union Grove WSC	0	0	0	0	0	0
<b>UPSHUR COUNTY - SABINE</b>						
Big Sandy	19	20	20	16	12	8
County-Other, Upshur	0	0	0	0	0	0
East Mountain Water System	155	157	156	152	147	144
Fouke WSC	0	0	0	0	0	0
Gladewater	0	0	0	0	0	0
Glenwood WSC	0	0	0	0	0	0
Livestock, Upshur	0	0	0	0	0	0
Manufacturing, Upshur	49	51	51	53	55	58
Mining, Upshur	0	0	0	0	0	0
Pritchett WSC	46	49	46	37	28	19
Union Grove WSC	0	0	0	0	0	0
<b>VAN ZANDT COUNTY - NECHES</b>						
Ben Wheeler WSC	0	36	82	132	183	227
Carroll WSC	0	0	1	1	1	1
County-Other, Van Zandt	0	0	0	0	0	0
Edom WSC	46	51	56	59	60	60
Irrigation, Van Zandt	0	0	0	0	0	0
Little Hope Moore WSC	4	6	9	11	14	15
Livestock, Van Zandt	0	0	0	0	0	0
R P M WSC	35	34	34	30	24	19
Van	0	0	0	0	16	17
<b>VAN ZANDT COUNTY - SABINE</b>						
Canton	0	0	0	0	197	400
Carroll WSC	58	66	72	81	89	97
Combined Consumers SUD	0	0	0	0	0	0
County-Other, Van Zandt	54	149	270	350	330	371
Edgewood	0	0	0	0	0	0
Fruitvale WSC	0	3	18	43	76	95
Golden WSC	0	9	19	29	39	49

TWDB: WUG Second-Tier Identified Water Needs

	WUG SECOND-TIER NEEDS (ACRE-FEET PER YEAR)					
	2030	2040	2050	2060	2070	2080
Grand Saline	121	128	122	117	120	109
Little Hope Moore WSC	8	14	19	25	30	33
Livestock, Van Zandt	0	0	0	0	0	0
MacBee SUD	121	206	304	432	597	809
Manufacturing, Van Zandt	292	311	323	341	372	389
Mining, Van Zandt	0	0	0	0	0	0
Myrtle Springs WSC	37	55	70	90	110	129
Pine Ridge WSC	31	44	55	68	82	95
Pruitt Sandflat WSC	0	0	0	0	0	0
South Tawakoni WSC	0	0	0	0	0	0
Van	114	111	110	106	101	101
Wills Point	0	0	0	0	0	0
<b>VAN ZANDT COUNTY - TRINITY</b>						
County-Other, Van Zandt	0	0	0	0	0	0
Livestock, Van Zandt	0	0	0	0	0	0
MacBee SUD	268	387	539	735	985	1,314
Myrtle Springs WSC	93	137	175	224	274	320
Wills Point	0	0	0	0	0	0
<b>WOOD COUNTY - CYPRESS</b>						
County-Other, Wood	0	0	0	0	0	0
Cypress Springs SUD	0	0	0	0	0	0
Irrigation, Wood	0	0	0	0	0	0
Livestock, Wood	0	0	0	0	0	0
Sharon WSC	1	11	17	29	42	54
Winnsboro	0	0	0	0	0	0
<b>WOOD COUNTY - SABINE</b>						
Bright Star Salem SUD	0	0	0	21	61	100
Cornersville WSC	0	0	0	0	0	0
County-Other, Wood	0	0	0	0	0	0
Fouke WSC	0	0	0	0	0	0
Golden WSC	1	12	19	30	42	53
Hawkins	0	0	0	0	0	0



TWDB: WUG Second-Tier Identified Water Needs

	WUG SECOND-TIER NEEDS (ACRE-FEET PER YEAR)					
	2030	2040	2050	2060	2070	2080
Irrigation, Wood	0	0	0	0	0	0
Jones WSC	0	0	0	0	0	0
Lake Fork WSC	0	0	0	0	0	0
Liberty Utilities Silverleaf Water	331	355	370	391	412	434
Livestock, Wood	0	0	0	0	0	0
Manufacturing, Wood	1,119	1,216	1,317	1,421	1,529	1,642
Mineola	0	0	0	0	0	0
Mining, Wood	59	60	61	60	60	60
New Hope SUD	167	162	160	141	122	105
Pritchett WSC	0	0	0	0	0	0
Quitman	0	0	0	0	0	0
Ramey WSC	0	73	172	285	415	564
Sharon WSC	0	0	0	0	0	0
Shirley WSC	0	0	0	0	0	0
Winnsboro	0	0	0	0	0	0

**C4-4: Region D Water User Group (WUG) Second-Tier Identified Water Needs Summary**

Second-tier needs are WUG split needs adjusted to include the implementation of recommended demand reduction and direct reuse water management strategies.

WUG CATEGORY	WUG SECOND-TIER NEEDS (ACRE-FEET PER YEAR)					
	2030	2040	2050	2060	2070	2080
IRRIGATION	17,050	17,050	17,050	17,050	17,050	17,050
LIVESTOCK	2,126	2,106	2,085	2,066	2,056	2,056
MANUFACTURING	8,400	9,958	11,709	13,746	15,813	17,857
MINING	3,892	3,892	3,965	4,025	4,068	4,115
MUNICIPAL	33,489	38,511	42,350	44,915	47,655	51,523
STEAM ELECTRIC POWER	0	0	0	0	0	0