

Appendix 2-C

Water User Group Demand Projections DB17 Report

The following appendix includes a copy of the Water Demand Projections data from the TWDB Data Web Interface known as the DB17. The summary is divided by Water User Group, county, and river basin.

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Water User Group (WUG) Demand

REGION I	WUG DEMAND (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
ANDERSON COUNTY						
NECHES BASIN						
BRUSHY CREEK WSC	149	146	141	138	138	138
FRANKSTON	239	240	238	236	236	236
PALESTINE	2,588	2,626	2,620	2,600	2,596	2,596
WALSTON SPRINGS WSC	291	288	283	277	276	276
COUNTY-OTHER	877	878	867	856	854	854
MANUFACTURING	14	18	19	20	21	22
MINING	64	81	85	68	48	35
STEAM ELECTRIC POWER	11,306	13,218	15,549	18,390	21,853	25,968
LIVESTOCK	648	648	648	648	648	648
IRRIGATION	207	207	207	207	207	207
NECHES BASIN TOTAL DEMAND	16,383	18,350	20,657	23,440	26,877	30,980
TRINITY BASIN						
BRUSHY CREEK WSC	89	87	84	82	81	81
ELKHART	249	251	250	247	246	246
FOUR PINES WSC	336	336	331	327	326	325
PALESTINE	2,457	2,492	2,484	2,465	2,462	2,462
THE CONSOLIDATED WSC	189	189	185	182	181	181
WALSTON SPRINGS WSC	117	116	113	111	111	111
COUNTY-OTHER	2,895	2,899	2,863	2,825	2,817	2,817
MANUFACTURING	16	22	23	24	25	26
MINING	76	96	100	79	57	40
LIVESTOCK	754	754	754	754	754	754
IRRIGATION	255	255	255	255	255	255
TRINITY BASIN TOTAL DEMAND	7,433	7,497	7,442	7,351	7,315	7,298
ANDERSON COUNTY TOTAL DEMAND	23,816	25,847	28,099	30,791	34,192	38,278
ANGELINA COUNTY						
NECHES BASIN						
ANGELINA WSC	251	251	255	265	275	284
BURKE	156	165	172	180	186	193
CENTRAL WCID OF ANGELINA COUNTY	480	495	522	547	569	589
DIBOLL	672	690	707	738	766	792
FOUR WAY SUD	490	509	527	546	566	585
HUDSON	388	397	406	418	433	448
HUDSON WSC	407	435	459	481	500	518
HUNTINGTON	231	236	241	247	257	265
LUFKIN	6,271	6,523	6,736	6,979	7,246	7,494
REDLAND WSC	201	199	208	217	225	232
ZAVALLA	79	81	82	84	87	90
COUNTY-OTHER	1,961	1,999	2,045	2,134	2,214	2,289
MANUFACTURING	15,249	16,858	18,487	19,934	21,478	23,142
MINING	486	585	410	312	237	180
STEAM ELECTRIC POWER	1,000	1,000	1,000	1,000	1,000	1,000
LIVESTOCK	648	648	648	648	648	648
IRRIGATION	481	481	481	481	481	481
NECHES BASIN TOTAL DEMAND	29,451	31,552	33,386	35,211	37,168	39,230
ANGELINA COUNTY TOTAL DEMAND	29,451	31,552	33,386	35,211	37,168	39,230

Water User Group (WUG) Demand

REGION I	WUG DEMAND (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
CHEROKEE COUNTY						
NECHES BASIN						
ALTO	249	266	284	308	335	366
ALTO RURAL WSC	638	678	734	802	873	951
BULLARD	11	12	13	14	15	16
CRAFT-TURNEY WSC	483	502	523	560	609	663
JACKSONVILLE	2,680	2,858	3,042	3,297	3,588	3,908
NEW SUMMERFIELD	156	166	177	192	209	228
NORTH CHEROKEE WSC	602	640	681	737	801	873
RUSK	1,019	1,089	1,162	1,260	1,371	1,494
RUSK RURAL WSC	365	383	402	433	470	512
SOUTHERN UTILITIES COMPANY	480	513	546	592	644	701
TROUP	14	15	16	17	18	20
WELLS	139	148	157	170	185	201
WRIGHT CITY WSC	69	73	78	84	91	99
COUNTY-OTHER	1,139	1,205	1,277	1,379	1,500	1,633
MANUFACTURING	413	442	469	492	530	571
MINING	295	304	267	204	141	97
STEAM ELECTRIC POWER	1,790	2,093	2,462	2,912	3,460	3,835
LIVESTOCK	1,681	1,681	1,681	1,681	1,681	1,681
IRRIGATION	355	355	355	355	355	355
NECHES BASIN TOTAL DEMAND	12,578	13,423	14,326	15,489	16,876	18,204
CHEROKEE COUNTY TOTAL DEMAND	12,578	13,423	14,326	15,489	16,876	18,204
HARDIN COUNTY						
NECHES BASIN						
KOUNTZE	255	246	238	234	234	234
LUMBERTON	1,656	1,852	1,990	2,097	2,191	2,263
LUMBERTON MUD	781	794	802	811	826	838
NORTH HARDIN WSC	544	561	586	605	619	630
SILSBEE	893	881	869	864	869	875
SOUR LAKE	280	285	289	292	297	301
WEST HARDIN WSC	269	270	271	272	273	273
COUNTY-OTHER	1,618	1,657	1,677	1,727	1,765	1,797
MANUFACTURING	288	318	349	377	407	439
MINING	12	12	12	12	12	12
LIVESTOCK	161	161	161	161	161	161
IRRIGATION	3,414	3,645	3,804	3,861	3,802	3,712
NECHES BASIN TOTAL DEMAND	10,171	10,682	11,048	11,313	11,456	11,535
TRINITY BASIN						
LAKE LIVINGSTON WATER SUPPLY & SEWER SERVICE COMPANY	10	11	12	12	13	13
WEST HARDIN WSC	4	4	4	4	4	4
COUNTY-OTHER	18	18	18	18	18	18
LIVESTOCK	2	2	2	2	2	2
TRINITY BASIN TOTAL DEMAND	34	35	36	36	37	37
HARDIN COUNTY TOTAL DEMAND	10,205	10,717	11,084	11,349	11,493	11,572
HENDERSON COUNTY						
NECHES BASIN						
ATHENS	57	59	62	66	69	73

Water User Group (WUG) Demand

REGION I	WUG DEMAND (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
JASPER COUNTY						
NECHES BASIN TOTAL DEMAND	95,056	98,414	101,308	103,481	103,543	103,622
SABINE BASIN						
JASPER COUNTY WCID #1	224	212	207	207	207	207
KIRBYVILLE	402	401	395	390	390	390
MAURICEVILLE SUD	30	30	30	30	30	30
COUNTY-OTHER	967	950	923	906	903	903
MANUFACTURING	46	47	49	50	50	50
MINING	78	63	47	31	15	7
LIVESTOCK	132	132	132	132	132	132
IRRIGATION	13	13	13	13	13	13
SABINE BASIN TOTAL DEMAND	1,892	1,848	1,796	1,759	1,740	1,732
JASPER COUNTY TOTAL DEMAND	96,948	100,262	103,104	105,240	105,283	105,354
JEFFERSON COUNTY						
NECHES BASIN						
BEAUMONT	10,035	10,466	10,959	11,627	12,440	13,367
BEVIL OAKS	135	137	139	147	157	169
CHINA	3	3	3	3	4	4
GROVES	70	67	65	64	64	64
JEFFERSON COUNTY WCID #10	75	76	78	81	87	93
MEEKER MUD	108	112	116	123	131	141
NEDERLAND	87	89	92	97	104	111
NOME	48	49	51	53	57	61
PORT ARTHUR	60	60	59	59	59	59
PORT NECHES	742	752	770	807	862	926
COUNTY-OTHER	125	135	147	163	181	202
MANUFACTURING	220,094	313,727	327,169	340,618	354,075	368,065
MINING	128	143	161	194	217	243
STEAM ELECTRIC POWER	13,426	15,696	18,464	21,838	25,951	30,839
LIVESTOCK	75	75	75	75	75	75
IRRIGATION	11,337	11,982	12,424	12,581	12,418	12,168
NECHES BASIN TOTAL DEMAND	256,548	353,569	370,772	388,530	406,882	426,587
NECHES-TRINITY BASIN						
BEAUMONT	19,654	20,497	21,464	22,771	24,365	26,181
CHINA	140	143	147	155	164	177
GROVES	2,168	2,093	2,029	2,005	1,999	1,999
JEFFERSON COUNTY WCID #10	373	377	385	404	430	462
MEEKER MUD	323	333	346	365	391	419
NEDERLAND	2,317	2,375	2,454	2,585	2,761	2,966
NOME	27	28	29	31	33	35
PORT ARTHUR	19,745	19,715	19,489	19,442	19,423	19,422
PORT NECHES	686	695	711	746	796	854
WEST JEFFERSON COUNTY MWD	741	752	772	809	863	927
COUNTY-OTHER	2,435	3,111	3,946	4,944	6,070	7,335
MANUFACTURING	203,164	289,594	302,002	314,416	326,839	339,752
MINING	66	73	83	100	112	125
LIVESTOCK	868	868	868	868	868	868
IRRIGATION	150,615	159,183	165,066	167,154	164,976	161,665

Water User Group (WUG) Demand

REGION I	WUG DEMAND (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
POLK COUNTY						
NECHES BASIN						
IRRIGATION	428	428	428	428	428	428
NECHES BASIN TOTAL DEMAND	2,480	2,607	2,724	2,836	2,933	3,043
POLK COUNTY TOTAL DEMAND	2,480	2,607	2,724	2,836	2,933	3,043
RUSK COUNTY						
NECHES BASIN						
HENDERSON	3,254	3,564	3,874	4,226	4,611	5,014
NEW LONDON	215	235	257	281	306	333
OVERTON	61	66	72	78	85	93
WRIGHT CITY WSC	57	62	66	72	78	85
COUNTY-OTHER	1,697	1,803	1,916	2,071	2,255	2,450
MANUFACTURING	304	328	348	366	393	421
MINING	1,555	2,084	2,012	1,936	1,873	1,868
LIVESTOCK	675	684	697	709	722	722
IRRIGATION	56	56	56	56	56	56
NECHES BASIN TOTAL DEMAND	7,874	8,882	9,298	9,795	10,379	11,042
SABINE BASIN						
CHALK HILL SUD	323	343	364	393	428	464
CROSS ROADS SUD	238	251	265	285	310	336
EASTON	4	5	5	6	6	7
ELDERVILLE WSC	119	132	145	159	174	189
HENDERSON	566	620	673	735	801	871
KILGORE	723	789	855	931	1,016	1,104
NEW LONDON	173	191	207	226	247	268
OVERTON	499	545	590	643	701	762
TATUM	240	261	283	308	336	365
WEST GREGG SUD	17	18	19	20	22	24
COUNTY-OTHER	1,192	1,267	1,346	1,455	1,584	1,722
MANUFACTURING	13	14	15	15	16	18
MINING	1,435	1,923	1,858	1,788	1,728	1,724
STEAM ELECTRIC POWER	27,458	32,102	37,762	44,663	53,074	63,069
LIVESTOCK	532	540	549	560	570	570
IRRIGATION	44	44	44	44	44	44
SABINE BASIN TOTAL DEMAND	33,576	39,045	44,980	52,231	61,057	71,537
RUSK COUNTY TOTAL DEMAND	41,450	47,927	54,278	62,026	71,436	82,579
SABINE COUNTY						
NECHES BASIN						
G M WSC	96	97	97	97	97	97
PINELAND	83	78	75	74	74	74
COUNTY-OTHER	9	8	8	8	8	8
MANUFACTURING	467	536	606	668	724	785
MINING	240	218	192	167	142	124
LIVESTOCK	25	34	45	57	71	71
NECHES BASIN TOTAL DEMAND	920	971	1,023	1,071	1,116	1,159
SABINE BASIN						
G M WSC	396	397	397	397	397	397

Water User Group (WUG) Demand

REGION I	WUG DEMAND (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
SABINE COUNTY						
SABINE BASIN						
HEMPHILL	306	302	298	295	295	295
COUNTY-OTHER	140	131	125	124	124	124
MINING	1,260	1,147	1,011	879	746	652
LIVESTOCK	134	183	240	306	377	377
SABINE BASIN TOTAL DEMAND	2,236	2,160	2,071	2,001	1,939	1,845
SABINE COUNTY TOTAL DEMAND	3,156	3,131	3,094	3,072	3,055	3,004
SAN AUGUSTINE COUNTY						
NECHES BASIN						
SAN AUGUSTINE	519	508	500	499	498	498
COUNTY-OTHER	582	559	539	529	526	526
MANUFACTURING	8	9	10	11	12	13
MINING	3,800	2,850	1,405	1,121	840	629
LIVESTOCK	816	904	1,004	1,121	1,249	1,249
IRRIGATION	56	56	56	56	56	56
NECHES BASIN TOTAL DEMAND	5,781	4,886	3,514	3,337	3,181	2,971
SABINE BASIN						
G M WSC	48	48	48	48	48	48
COUNTY-OTHER	7	6	6	6	6	6
MINING	200	150	74	59	44	33
LIVESTOCK	87	96	107	119	133	133
IRRIGATION	6	6	6	6	6	6
SABINE BASIN TOTAL DEMAND	348	306	241	238	237	226
SAN AUGUSTINE COUNTY TOTAL DEMAND	6,129	5,192	3,755	3,575	3,418	3,197
SHELBY COUNTY						
NECHES BASIN						
TIMPSON	7	7	7	8	8	8
COUNTY-OTHER	314	324	334	347	362	378
MINING	919	823	699	554	411	304
LIVESTOCK	1,006	1,198	1,433	1,718	2,067	2,067
IRRIGATION	7	7	7	7	7	7
NECHES BASIN TOTAL DEMAND	2,253	2,359	2,480	2,634	2,855	2,764
SABINE BASIN						
CENTER	1,847	1,958	2,056	2,158	2,262	2,358
JOAQUIN	137	142	147	155	162	169
TENAHA	227	238	248	259	271	283
TIMPSON	172	179	186	193	202	211
COUNTY-OTHER	1,707	1,762	1,815	1,885	1,971	2,055
MANUFACTURING	1,510	1,639	1,768	1,882	2,021	2,170
MINING	2,364	2,115	1,797	1,426	1,056	783
LIVESTOCK	4,259	5,075	6,067	7,279	8,755	8,755
IRRIGATION	19	19	19	19	19	19
SABINE BASIN TOTAL DEMAND	12,242	13,127	14,103	15,256	16,719	16,803
SHELBY COUNTY TOTAL DEMAND	14,495	15,486	16,583	17,890	19,574	19,567
SMITH COUNTY						
NECHES BASIN						
ARP	164	168	171	178	185	194

Water User Group (WUG) Demand

REGION I	WUG DEMAND (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
TYLER COUNTY						
NECHES BASIN						
IRRIGATION	675	675	675	675	675	675
NECHES BASIN TOTAL DEMAND	5,998	5,961	5,839	5,753	5,703	5,682
TYLER COUNTY TOTAL DEMAND	5,998	5,961	5,839	5,753	5,703	5,682
REGION I TOTAL DEMAND	1,108,800	1,330,825	1,395,212	1,463,778	1,533,147	1,607,250