



Appendix H

DB17 Tables

WUG POPULATION

REGION A	WUG POPULATION					
	2020	2030	2040	2050	2060	2070
DONLEY COUNTY						
RED BASIN TOTAL POPULATION	3,788	3,788	3,788	3,788	3,788	3,788
DONLEY COUNTY TOTAL POPULATION	3,788	3,788	3,788	3,788	3,788	3,788
GRAY COUNTY						
CANADIAN BASIN						
PAMPA	19,515	21,596	24,089	27,298	29,854	32,523
COUNTY-OTHER	2,650	2,933	3,271	3,706	4,054	4,416
CANADIAN BASIN TOTAL POPULATION	22,165	24,529	27,360	31,004	33,908	36,939
RED BASIN						
MCLEAN	844	934	1,042	1,181	1,291	1,407
COUNTY-OTHER	1,430	1,583	1,766	2,001	2,189	2,384
RED BASIN TOTAL POPULATION	2,274	2,517	2,808	3,182	3,480	3,791
GRAY COUNTY TOTAL POPULATION	24,439	27,046	30,168	34,186	37,388	40,730
HALL COUNTY						
RED BASIN						
MEMPHIS	2,318	2,382	2,382	2,382	2,382	2,382
COUNTY-OTHER	1,075	1,105	1,105	1,105	1,105	1,105
RED BASIN TOTAL POPULATION	3,393	3,487	3,487	3,487	3,487	3,487
HALL COUNTY TOTAL POPULATION	3,393	3,487	3,487	3,487	3,487	3,487
HANSFORD COUNTY						
CANADIAN BASIN						
GRUVER	1,306	1,447	1,570	1,673	1,777	1,873
SPEARMAN	3,505	3,648	3,759	3,873	3,991	4,113
COUNTY-OTHER	1,148	1,273	1,381	1,471	1,562	1,648
CANADIAN BASIN TOTAL POPULATION	5,959	6,368	6,710	7,017	7,330	7,634
HANSFORD COUNTY TOTAL POPULATION	5,959	6,368	6,710	7,017	7,330	7,634
HARTLEY COUNTY						
CANADIAN BASIN						
DALHART	2,816	2,923	2,980	3,021	3,058	3,087
COUNTY-OTHER	3,465	3,708	3,837	3,929	4,011	4,077
CANADIAN BASIN TOTAL POPULATION	6,281	6,631	6,817	6,950	7,069	7,164
HARTLEY COUNTY TOTAL POPULATION	6,281	6,631	6,817	6,950	7,069	7,164
HEMPHILL COUNTY						
CANADIAN BASIN						
CANADIAN	3,016	3,381	3,691	4,010	4,295	4,556
COUNTY-OTHER	873	878	881	885	888	892
CANADIAN BASIN TOTAL POPULATION	3,889	4,259	4,572	4,895	5,183	5,448
RED BASIN						
COUNTY-OTHER	320	350	376	402	426	447
RED BASIN TOTAL POPULATION	320	350	376	402	426	447
HEMPHILL COUNTY TOTAL POPULATION	4,209	4,609	4,948	5,297	5,609	5,895

WUG POPULATION

REGION A	WUG POPULATION					
	2020	2030	2040	2050	2060	2070
HUTCHINSON COUNTY						
CANADIAN BASIN						
BORGER	13,734	14,226	14,352	14,352	14,352	14,352
FRITCH	2,186	2,265	2,285	2,285	2,285	2,285
STINNETT	1,950	2,020	2,038	2,038	2,038	2,038
TCW SUPPLY INC	2,167	2,244	2,264	2,264	2,264	2,264
COUNTY-OTHER	2,920	3,024	3,051	3,051	3,051	3,051
CANADIAN BASIN TOTAL POPULATION	22,957	23,779	23,990	23,990	23,990	23,990
HUTCHINSON COUNTY TOTAL POPULATION	22,957	23,779	23,990	23,990	23,990	23,990
LIPSCOMB COUNTY						
CANADIAN BASIN						
BOOKER	1,740	1,948	2,071	2,232	2,344	2,436
COUNTY-OTHER	1,859	1,910	1,940	1,979	2,006	2,029
CANADIAN BASIN TOTAL POPULATION	3,599	3,858	4,011	4,211	4,350	4,465
LIPSCOMB COUNTY TOTAL POPULATION	3,599	3,858	4,011	4,211	4,350	4,465
MOORE COUNTY						
CANADIAN BASIN						
CACTUS	4,232	4,824	5,455	6,095	6,763	7,444
DUMAS	16,897	19,260	21,777	24,331	26,995	29,725
FRITCH	10	11	12	14	15	17
SUNRAY	2,216	2,525	2,855	3,190	3,540	3,897
COUNTY-OTHER	2,413	2,752	3,111	3,476	3,857	4,247
CANADIAN BASIN TOTAL POPULATION	25,768	29,372	33,210	37,106	41,170	45,330
MOORE COUNTY TOTAL POPULATION	25,768	29,372	33,210	37,106	41,170	45,330
OCHILTREE COUNTY						
CANADIAN BASIN						
BOOKER	22	33	45	58	74	92
PERRYTON	9,728	10,454	11,234	12,073	12,974	13,943
COUNTY-OTHER	1,555	1,671	1,796	1,930	2,074	2,229
CANADIAN BASIN TOTAL POPULATION	11,305	12,158	13,075	14,061	15,122	16,264
OCHILTREE COUNTY TOTAL POPULATION	11,305	12,158	13,075	14,061	15,122	16,264
OLDHAM COUNTY						
CANADIAN BASIN						
VEGA	961	1,024	1,024	1,024	1,024	1,024
COUNTY-OTHER	1,022	1,089	1,089	1,089	1,089	1,089
CANADIAN BASIN TOTAL POPULATION	1,983	2,113	2,113	2,113	2,113	2,113
RED BASIN						
COUNTY-OTHER	247	263	263	263	263	263
RED BASIN TOTAL POPULATION	247	263	263	263	263	263
OLDHAM COUNTY TOTAL POPULATION	2,230	2,376	2,376	2,376	2,376	2,376

WUG POPULATION

REGION A	WUG POPULATION					
	2020	2030	2040	2050	2060	2070
POTTER COUNTY						
CANADIAN BASIN						
AMARILLO	70,415	78,259	86,558	94,822	103,832	113,322
COUNTY-OTHER	11,034	12,262	13,563	14,857	16,270	17,757
CANADIAN BASIN TOTAL POPULATION	81,449	90,521	100,121	109,679	120,102	131,079
RED BASIN						
AMARILLO	46,360	51,523	56,988	62,428	68,361	74,609
COUNTY-OTHER	6,222	6,916	7,648	8,379	9,175	10,013
RED BASIN TOTAL POPULATION	52,582	58,439	64,636	70,807	77,536	84,622
POTTER COUNTY TOTAL POPULATION	134,031	148,960	164,757	180,486	197,638	215,701
RANDALL COUNTY						
RED BASIN						
AMARILLO	94,816	106,024	117,243	128,735	140,962	153,663
CANYON	14,803	16,553	18,305	20,099	22,008	23,991
HAPPY	68	76	84	93	101	111
LAKE TANGLEWOOD	820	820	820	820	820	820
COUNTY-OTHER	23,762	26,571	29,383	32,263	35,328	38,510
RED BASIN TOTAL POPULATION	134,269	150,044	165,835	182,010	199,219	217,095
RANDALL COUNTY TOTAL POPULATION	134,269	150,044	165,835	182,010	199,219	217,095
ROBERTS COUNTY						
CANADIAN BASIN						
MIAMI	613	623	624	624	624	624
COUNTY-OTHER	387	420	419	419	419	419
CANADIAN BASIN TOTAL POPULATION	1,000	1,043	1,043	1,043	1,043	1,043
RED BASIN						
COUNTY-OTHER	3	4	4	4	4	4
RED BASIN TOTAL POPULATION	3	4	4	4	4	4
ROBERTS COUNTY TOTAL POPULATION	1,003	1,047	1,047	1,047	1,047	1,047
SHERMAN COUNTY						
CANADIAN BASIN						
STRATFORD	2,190	2,374	2,474	2,562	2,626	2,673
COUNTY-OTHER	1,104	1,197	1,246	1,291	1,323	1,347
CANADIAN BASIN TOTAL POPULATION	3,294	3,571	3,720	3,853	3,949	4,020
SHERMAN COUNTY TOTAL POPULATION	3,294	3,571	3,720	3,853	3,949	4,020
WHEELER COUNTY						
RED BASIN						
SHAMROCK	1,973	2,051	2,126	2,203	2,288	2,378
WHEELER	1,645	1,710	1,772	1,836	1,907	1,982
COUNTY-OTHER	1,969	2,048	2,121	2,200	2,283	2,373
RED BASIN TOTAL POPULATION	5,587	5,809	6,019	6,239	6,478	6,733
WHEELER COUNTY TOTAL POPULATION	5,587	5,809	6,019	6,239	6,478	6,733

WUG POPULATION

REGION A TOTAL POPULATION	418,626	461,008	503,546	547,060	592,266	639,220
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WUG DEMAND

REGION A	WUG DEMAND (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
ARMSTRONG COUNTY						
RED BASIN						
CLAUDE	358	353	348	346	345	345
COUNTY-OTHER	89	85	84	83	83	83
LIVESTOCK	645	649	652	656	659	663
IRRIGATION	4,194	3,990	3,708	3,296	2,884	2,472
RED BASIN TOTAL DEMAND	5,286	5,077	4,792	4,381	3,971	3,563
ARMSTRONG COUNTY TOTAL DEMAND	5,286	5,077	4,792	4,381	3,971	3,563
CARSON COUNTY						
CANADIAN BASIN						
WHITE DEER	106	107	107	107	107	107
COUNTY-OTHER	161	161	160	158	157	157
MANUFACTURING	25	28	30	32	35	37
MINING	14	14	14	14	14	14
LIVESTOCK	519	522	525	528	532	535
IRRIGATION	14,483	13,738	12,682	11,273	9,864	8,454
CANADIAN BASIN TOTAL DEMAND	15,308	14,570	13,518	12,112	10,709	9,304
RED BASIN						
GROOM	179	176	174	173	173	173
PANHANDLE	572	581	582	577	576	576
WHITE DEER	138	141	141	140	140	140
COUNTY-OTHER	123	120	120	119	119	119
MANUFACTURING	394	432	469	500	541	587
LIVESTOCK	173	174	175	176	177	178
IRRIGATION	41,219	39,100	36,094	32,083	28,073	24,063
RED BASIN TOTAL DEMAND	42,798	40,724	37,755	33,768	29,799	25,836
CARSON COUNTY TOTAL DEMAND	58,106	55,294	51,273	45,880	40,508	35,140
CHILDRESS COUNTY						
RED BASIN						
CHILDRESS	1,624	1,658	1,686	1,722	1,768	1,814
COUNTY-OTHER	198	204	210	216	222	227
LIVESTOCK	490	493	495	497	500	503
IRRIGATION	7,308	7,026	6,601	5,868	5,134	4,401
RED BASIN TOTAL DEMAND	9,620	9,381	8,992	8,303	7,624	6,945
CHILDRESS COUNTY TOTAL DEMAND	9,620	9,381	8,992	8,303	7,624	6,945
COLLINGSWORTH COUNTY						
RED BASIN						
WELLINGTON	525	540	549	567	582	595
COUNTY-OTHER	191	197	200	207	212	217
LIVESTOCK	600	603	605	608	611	614
IRRIGATION	17,943	17,276	16,255	14,449	12,643	10,837
RED BASIN TOTAL DEMAND	19,259	18,616	17,609	15,831	14,048	12,263
COLLINGSWORTH COUNTY TOTAL DEMAND	19,259	18,616	17,609	15,831	14,048	12,263
DALLAM COUNTY						
CANADIAN BASIN						
DALHART	1,815	2,014	2,228	2,447	2,666	2,878
TEXLINE	227	253	280	308	335	362
COUNTY-OTHER	141	151	166	183	199	214

WUG DEMAND

REGION A	WUG DEMAND (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
DALLAM COUNTY						
CANADIAN BASIN						
MANUFACTURING	9	9	10	10	11	11
LIVESTOCK	4,437	4,669	4,920	5,191	5,485	5,803
IRRIGATION	369,864	347,524	318,795	283,373	247,952	212,530
CANADIAN BASIN TOTAL DEMAND	376,493	354,620	326,399	291,512	256,648	221,798
DALLAM COUNTY TOTAL DEMAND	376,493	354,620	326,399	291,512	256,648	221,798
DONLEY COUNTY						
RED BASIN						
CLARENDON	378	369	361	356	356	356
COUNTY-OTHER	245	237	230	228	227	227
LIVESTOCK	1,330	1,332	1,333	1,335	1,337	1,339
IRRIGATION	24,080	23,203	21,847	19,419	16,992	14,564
RED BASIN TOTAL DEMAND	26,033	25,141	23,771	21,338	18,912	16,486
DONLEY COUNTY TOTAL DEMAND	26,033	25,141	23,771	21,338	18,912	16,486
GRAY COUNTY						
CANADIAN BASIN						
PAMPA	3,711	3,991	4,360	4,926	5,377	5,855
COUNTY-OTHER	450	488	537	604	659	717
MANUFACTURING	4,133	4,197	4,240	4,257	4,086	3,923
MINING	7	7	7	6	5	5
STEAM ELECTRIC POWER	1,409	2,112	2,299	2,952	3,087	3,320
LIVESTOCK	135	138	141	144	147	151
IRRIGATION	5,536	5,227	4,820	4,285	3,749	3,213
CANADIAN BASIN TOTAL DEMAND	15,381	16,160	16,404	17,174	17,110	17,184
RED BASIN						
MCLEAN	205	222	243	274	299	326
COUNTY-OTHER	243	264	290	326	356	388
MANUFACTURING	217	221	223	224	215	206
MINING	68	67	60	54	48	42
LIVESTOCK	1,217	1,240	1,266	1,294	1,326	1,360
IRRIGATION	15,755	14,877	13,719	12,194	10,670	9,146
RED BASIN TOTAL DEMAND	17,705	16,891	15,801	14,366	12,914	11,468
GRAY COUNTY TOTAL DEMAND	33,086	33,051	32,205	31,540	30,024	28,652
HALL COUNTY						
RED BASIN						
MEMPHIS	383	382	372	370	369	369
COUNTY-OTHER	319	322	320	319	319	319
LIVESTOCK	336	337	339	340	341	343
IRRIGATION	10,134	9,806	9,274	8,243	7,213	6,182
RED BASIN TOTAL DEMAND	11,172	10,847	10,305	9,272	8,242	7,213
HALL COUNTY TOTAL DEMAND	11,172	10,847	10,305	9,272	8,242	7,213
HANSFORD COUNTY						
CANADIAN BASIN						
GRUVER	310	336	360	380	404	425
SPEARMAN	672	683	691	704	724	746
COUNTY-OTHER	138	145	157	167	176	186
MANUFACTURING	58	61	63	65	70	74

WUG DEMAND

REGION A	WUG DEMAND (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
HANSFORD COUNTY						
CANADIAN BASIN						
MINING	577	904	602	309	16	1
LIVESTOCK	3,432	3,574	3,724	3,881	4,046	4,219
IRRIGATION	134,902	126,481	115,759	102,897	90,035	77,173
CANADIAN BASIN TOTAL DEMAND	140,089	132,184	121,356	108,403	95,471	82,824
HANSFORD COUNTY TOTAL DEMAND	140,089	132,184	121,356	108,403	95,471	82,824
HARTLEY COUNTY						
CANADIAN BASIN						
DALHART	854	874	882	889	899	907
COUNTY-OTHER	655	687	700	711	725	737
MANUFACTURING	5	5	5	5	5	5
MINING	7	7	6	5	4	3
LIVESTOCK	6,498	6,977	7,498	8,066	8,684	9,359
IRRIGATION	345,365	325,882	300,290	266,924	233,559	200,193
CANADIAN BASIN TOTAL DEMAND	353,384	334,432	309,381	276,600	243,876	211,204
HARTLEY COUNTY TOTAL DEMAND	353,384	334,432	309,381	276,600	243,876	211,204
HEMPHILL COUNTY						
CANADIAN BASIN						
CANADIAN	786	866	934	1,009	1,079	1,145
COUNTY-OTHER	115	112	109	109	109	109
MANUFACTURING	6	6	6	6	6	6
MINING	926	705	498	293	89	27
LIVESTOCK	757	760	763	766	769	773
IRRIGATION	1,316	1,251	1,162	1,033	904	775
CANADIAN BASIN TOTAL DEMAND	3,906	3,700	3,472	3,216	2,956	2,835
RED BASIN						
COUNTY-OTHER	43	45	46	49	52	55
MINING	1,388	1,058	746	439	134	41
LIVESTOCK	518	519	521	523	526	529
IRRIGATION	591	563	523	465	407	349
RED BASIN TOTAL DEMAND	2,540	2,185	1,836	1,476	1,119	974
HEMPHILL COUNTY TOTAL DEMAND	6,446	5,885	5,308	4,692	4,075	3,809
HUTCHINSON COUNTY						
CANADIAN BASIN						
BORGER	3,215	3,254	3,234	3,229	3,225	3,224
FRITCH	437	441	436	434	433	433
STINNETT	446	452	448	447	446	446
TCW SUPPLY INC	738	755	754	750	749	749
COUNTY-OTHER	312	319	321	320	320	319
MANUFACTURING	25,347	26,827	28,249	29,483	31,540	33,741
MINING	184	231	170	113	56	34
LIVESTOCK	847	873	903	935	971	1,010
IRRIGATION	40,008	37,671	34,635	30,786	26,938	23,090
CANADIAN BASIN TOTAL DEMAND	71,534	70,823	69,150	66,497	64,678	63,046
HUTCHINSON COUNTY TOTAL DEMAND	71,534	70,823	69,150	66,497	64,678	63,046

WUG DEMAND

REGION A	WUG DEMAND (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
LIPSCOMB COUNTY						
CANADIAN BASIN						
BOOKER	496	547	576	618	648	674
COUNTY-OTHER	445	448	447	453	459	464
MANUFACTURING	147	155	161	167	180	193
MINING	1,098	758	446	142	21	3
LIVESTOCK	947	969	993	1,020	1,050	1,083
IRRIGATION	20,009	19,014	17,650	15,689	13,728	11,767
CANADIAN BASIN TOTAL DEMAND	23,142	21,891	20,273	18,089	16,086	14,184
LIPSCOMB COUNTY TOTAL DEMAND	23,142	21,891	20,273	18,089	16,086	14,184
MOORE COUNTY						
CANADIAN BASIN						
CACTUS	985	1,108	1,242	1,382	1,532	1,686
DUMAS	3,538	3,941	4,388	4,866	5,391	5,933
FRITCH	2	3	3	3	3	4
SUNRAY	504	562	626	695	770	847
COUNTY-OTHER	327	360	397	439	486	534
MANUFACTURING	9,052	9,549	10,038	10,469	11,179	11,937
MINING	16	16	16	15	15	15
STEAM ELECTRIC POWER	200	0	0	0	0	0
LIVESTOCK	3,676	3,906	4,155	4,424	4,716	5,032
IRRIGATION	143,028	134,395	123,290	109,591	95,892	82,193
CANADIAN BASIN TOTAL DEMAND	161,328	153,840	144,155	131,884	119,984	108,181
MOORE COUNTY TOTAL DEMAND	161,328	153,840	144,155	131,884	119,984	108,181
OCHILTREE COUNTY						
CANADIAN BASIN						
BOOKER	7	10	13	17	21	26
PERRYTON	2,829	2,994	3,183	3,401	3,650	3,922
COUNTY-OTHER	239	248	260	278	298	320
MINING	824	853	503	161	23	3
LIVESTOCK	4,216	3,632	3,729	3,832	3,942	4,058
IRRIGATION	57,243	53,825	49,414	43,923	38,433	32,942
CANADIAN BASIN TOTAL DEMAND	65,358	61,562	57,102	51,612	46,367	41,271
OCHILTREE COUNTY TOTAL DEMAND	65,358	61,562	57,102	51,612	46,367	41,271
OLDHAM COUNTY						
CANADIAN BASIN						
VEGA	272	285	281	279	279	279
COUNTY-OTHER	302	315	312	312	311	311
MINING	456	540	613	644	708	776
LIVESTOCK	909	911	913	915	917	920
IRRIGATION	3,071	2,939	2,749	2,444	2,138	1,833
CANADIAN BASIN TOTAL DEMAND	5,010	4,990	4,868	4,594	4,353	4,119
RED BASIN						
COUNTY-OTHER	73	77	76	76	76	76
MINING	19	23	26	27	29	32
LIVESTOCK	320	320	321	322	323	323
IRRIGATION	866	829	775	689	603	517

WUG DEMAND

REGION A	WUG DEMAND (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
OLDHAM COUNTY						
RED BASIN TOTAL DEMAND	1,278	1,249	1,198	1,114	1,031	948
OLDHAM COUNTY TOTAL DEMAND	6,288	6,239	6,066	5,708	5,384	5,067
POTTER COUNTY						
CANADIAN BASIN						
AMARILLO	15,884	17,294	18,856	20,510	22,424	24,462
COUNTY-OTHER	1,971	2,146	2,342	2,547	2,784	3,036
MANUFACTURING	1,457	1,569	1,679	1,773	1,904	2,043
MINING	640	781	912	988	1,109	1,245
STEAM ELECTRIC POWER	25,387	26,804	28,408	30,011	34,115	37,669
LIVESTOCK	399	400	402	403	405	408
IRRIGATION	1,679	1,613	1,514	1,346	1,178	1,010
CANADIAN BASIN TOTAL DEMAND	47,417	50,607	54,113	57,578	63,919	69,873
RED BASIN						
AMARILLO	10,458	11,386	12,414	13,504	14,764	16,106
COUNTY-OTHER	1,112	1,210	1,320	1,436	1,569	1,712
MANUFACTURING	8,256	8,892	9,512	10,050	10,787	11,579
MINING	301	368	429	465	522	586
LIVESTOCK	82	82	82	83	83	83
IRRIGATION	1,748	1,679	1,577	1,402	1,226	1,051
RED BASIN TOTAL DEMAND	21,957	23,617	25,334	26,940	28,951	31,117
POTTER COUNTY TOTAL DEMAND	69,374	74,224	79,447	84,518	92,870	100,990
RANDALL COUNTY						
RED BASIN						
AMARILLO	21,389	23,430	25,540	27,846	30,443	33,171
CANYON	3,633	3,982	4,343	4,736	5,179	5,643
HAPPY	11	12	13	14	15	16
LAKE TANGLEWOOD	319	315	312	311	310	310
COUNTY-OTHER	3,665	4,002	4,359	4,748	5,187	5,651
MANUFACTURING	589	638	684	722	784	852
LIVESTOCK	2,654	2,665	2,677	2,690	2,704	2,719
IRRIGATION	18,000	17,156	15,976	14,201	12,426	10,650
RED BASIN TOTAL DEMAND	50,260	52,200	53,904	55,268	57,048	59,012
RANDALL COUNTY TOTAL DEMAND	50,260	52,200	53,904	55,268	57,048	59,012
ROBERTS COUNTY						
CANADIAN BASIN						
MIAMI	224	225	223	222	222	222
COUNTY-OTHER	48	50	48	48	48	48
MINING	1,457	1,010	593	183	19	2
LIVESTOCK	359	359	360	361	362	363
IRRIGATION	5,660	5,329	4,897	4,353	3,809	3,265
CANADIAN BASIN TOTAL DEMAND	7,748	6,973	6,121	5,167	4,460	3,900
RED BASIN						
COUNTY-OTHER	1	1	1	1	1	1
MINING	45	31	18	6	1	0
LIVESTOCK	10	10	10	10	10	10
IRRIGATION	298	280	258	229	200	172

WUG DEMAND

REGION A	WUG DEMAND (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
ROBERTS COUNTY						
RED BASIN TOTAL DEMAND	354	322	287	246	212	183
ROBERTS COUNTY TOTAL DEMAND	8,102	7,295	6,408	5,413	4,672	4,083
SHERMAN COUNTY						
CANADIAN BASIN						
STRATFORD	470	498	510	524	536	546
COUNTY-OTHER	184	194	197	204	208	212
MINING	35	207	151	98	44	20
LIVESTOCK	3,449	3,631	3,825	4,034	4,257	4,497
IRRIGATION	220,966	207,757	190,687	169,499	148,312	127,125
CANADIAN BASIN TOTAL DEMAND	225,104	212,287	195,370	174,359	153,357	132,400
SHERMAN COUNTY TOTAL DEMAND	225,104	212,287	195,370	174,359	153,357	132,400
WHEELER COUNTY						
RED BASIN						
SHAMROCK	350	353	357	369	383	398
WHEELER	507	520	533	549	569	592
COUNTY-OTHER	290	291	293	302	313	325
MINING	3,268	2,329	1,413	503	139	119
LIVESTOCK	1,577	1,680	1,682	1,684	1,687	1,689
IRRIGATION	8,203	7,983	7,433	6,607	5,781	4,955
RED BASIN TOTAL DEMAND	14,195	13,156	11,711	10,014	8,872	8,078
WHEELER COUNTY TOTAL DEMAND	14,195	13,156	11,711	10,014	8,872	8,078
REGION A TOTAL DEMAND						
	1,733,659	1,658,045	1,554,977	1,421,114	1,292,717	1,166,209

SOURCE AVAILABILITY

REGION A									
GROUNDWATER	COUNTY	BASIN	SALINITY	SOURCE AVAILABILITY (ACRE-FEET PER YEAR)					
				2020	2030	2040	2050	2060	2070
BLAINE AQUIFER	CHILDRRESS	RED	FRESH	15,206	15,206	15,206	15,206	15,206	15,206
BLAINE AQUIFER	COLLINGSWORTH	RED	FRESH	185,376	185,376	185,376	185,376	185,376	185,376
BLAINE AQUIFER	HALL	RED	FRESH	11,509	11,509	11,509	11,509	11,509	11,509
BLAINE AQUIFER	WHEELER	RED	FRESH	98,997	98,997	98,997	98,997	97,695	96,410
DOCKUM AQUIFER	ARMSTRONG	RED	FRESH	582	582	582	582	582	582
DOCKUM AQUIFER	CARSON	CANADIAN	FRESH	20	20	20	20	20	20
DOCKUM AQUIFER	CARSON	RED	FRESH	263	263	263	263	263	263
DOCKUM AQUIFER	DALLAM	CANADIAN	FRESH	4,034	4,034	4,034	4,034	4,034	4,034
DOCKUM AQUIFER	HARTLEY	CANADIAN	FRESH	3,567	3,567	3,567	3,567	3,567	3,567
DOCKUM AQUIFER	MOORE	CANADIAN	FRESH	5,395	5,395	5,395	5,395	5,395	5,395
DOCKUM AQUIFER	OLDHAM	CANADIAN	FRESH	2,868	2,868	2,868	2,868	2,868	2,868
DOCKUM AQUIFER	OLDHAM	RED	FRESH	104	104	104	104	104	104
DOCKUM AQUIFER	POTTER	CANADIAN	FRESH	1,525	1,525	1,525	1,525	1,525	1,525
DOCKUM AQUIFER	POTTER	RED	FRESH	155	155	155	155	155	155
DOCKUM AQUIFER	RANDALL	RED	FRESH	2,119	2,119	2,119	2,119	2,119	2,119
DOCKUM AQUIFER	SHERMAN	CANADIAN	FRESH	591	591	591	591	591	591
OGALLALA AQUIFER	ARMSTRONG	RED	FRESH	45,367	41,079	37,416	34,161	31,328	28,730
OGALLALA AQUIFER	CARSON	CANADIAN	FRESH	81,718	73,958	66,324	59,324	53,120	47,565
OGALLALA AQUIFER	CARSON	RED	FRESH	89,424	80,108	71,529	63,665	56,289	49,768
OGALLALA AQUIFER	DONLEY	RED	FRESH	74,540	70,208	64,373	58,707	53,537	48,822
OGALLALA AQUIFER	GRAY	CANADIAN	FRESH	39,813	36,848	33,749	30,659	27,766	25,146
OGALLALA AQUIFER	GRAY	RED	FRESH	120,860	109,180	98,784	89,135	80,128	72,031
OGALLALA AQUIFER	HANSFORD	CANADIAN	FRESH	262,271	240,502	218,405	197,454	177,536	159,627
OGALLALA AQUIFER	HEMPHILL	CANADIAN	FRESH	22,931	22,969	23,262	23,412	23,642	23,874
OGALLALA AQUIFER	HEMPHILL	RED	FRESH	18,828	19,429	19,515	19,577	19,517	19,457
OGALLALA AQUIFER	HUTCHINSON	CANADIAN	FRESH	136,433	124,573	112,149	100,575	90,438	81,323
OGALLALA AQUIFER	LIPSCOMB	CANADIAN	FRESH	283,794	273,836	256,406	237,765	219,100	201,900
OGALLALA AQUIFER	MOORE	CANADIAN	FRESH	199,354	173,987	147,617	123,573	103,113	86,041
OGALLALA AQUIFER	OCHILTREE	CANADIAN	FRESH	246,475	224,578	203,704	183,227	164,265	147,265
OGALLALA AQUIFER	OLDHAM	CANADIAN	FRESH	19,360	18,722	17,694	16,406	15,198	14,079
OGALLALA AQUIFER	OLDHAM	RED	FRESH	3,122	2,885	2,772	2,306	2,269	2,233
OGALLALA AQUIFER	POTTER	CANADIAN	FRESH	22,044	20,621	18,960	17,318	15,450	13,783
OGALLALA AQUIFER	POTTER	RED	FRESH	4,828	2,917	1,815	1,596	1,406	1,239
OGALLALA AQUIFER	RANDALL	RED	FRESH	85,614	82,398	75,698	68,881	58,384	49,487
OGALLALA AQUIFER	ROBERTS	CANADIAN	FRESH	372,950	350,415	321,680	290,903	261,482	235,037
OGALLALA AQUIFER	ROBERTS	RED	FRESH	17,951	18,202	17,565	16,609	15,557	14,572
OGALLALA AQUIFER	SHERMAN	CANADIAN	FRESH	300,908	263,747	229,122	197,480	169,172	144,922
OGALLALA AQUIFER	WHEELER	RED	FRESH	119,556	114,817	107,697	100,289	93,117	86,458
OGALLALA-RITA BLANCA AQUIFER	DALLAM	CANADIAN	FRESH	352,474	309,076	270,317	234,813	203,491	176,347
OGALLALA-RITA BLANCA AQUIFER	HARTLEY	CANADIAN	FRESH	389,548	337,001	291,094	250,966	216,098	186,074
OTHER AQUIFER	RANDALL	RED	FRESH	40	40	40	40	40	40

SOURCE AVAILABILITY

REGION A									
GROUNDWATER	COUNTY	BASIN	SALINITY	SOURCE AVAILABILITY (ACRE-FEET PER YEAR)					
				2020	2030	2040	2050	2060	2070
OTHER AQUIFER WHITEHORSE AND QUARTERMASTER FORMATIONS	ARMSTRONG	RED	FRESH/BRAC KISH	370	370	370	370	370	370
OTHER AQUIFER WHITEHORSE AND QUARTERMASTER FORMATIONS	CHILDRESS	RED	FRESH/BRAC KISH	233	233	233	233	233	233
OTHER AQUIFER WHITEHORSE AND QUARTERMASTER FORMATIONS	COLLINGSWORTH	RED	FRESH/BRAC KISH	309	309	309	309	309	309
OTHER AQUIFER WHITEHORSE AND QUARTERMASTER FORMATIONS	DONLEY	RED	FRESH/BRAC KISH	479	479	479	479	479	479
OTHER AQUIFER WHITEHORSE AND QUARTERMASTER FORMATIONS	HALL	RED	FRESH/BRAC KISH	1,086	1,086	1,086	1,086	1,086	1,086
OTHER AQUIFER WHITEHORSE AND QUARTERMASTER FORMATIONS	WHEELER	RED	FRESH/BRAC KISH	276	276	276	276	276	276
SEYMOUR AQUIFER	CHILDRESS	RED	FRESH	732	717	712	712	712	712
SEYMOUR AQUIFER	COLLINGSWORTH	RED	FRESH	16,010	14,250	13,348	11,329	10,241	9,257
SEYMOUR AQUIFER	HALL	RED	FRESH	12,020	11,462	10,866	11,085	11,172	11,260
GROUNDWATER TOTAL SOURCE AVAILABILITY				3,674,029	3,373,589	3,067,677	2,777,031	2,507,330	2,269,526
REGION A									
REUSE	COUNTY	BASIN	SALINITY	SOURCE AVAILABILITY (ACRE-FEET PER YEAR)					
				2020	2030	2040	2050	2060	2070
DIRECT REUSE	CARSON	RED	FRESH	57	58	58	58	58	58
DIRECT REUSE	CHILDRESS	RED	FRESH	162	166	169	172	177	181
DIRECT REUSE	COLLINGSWORTH	RED	FRESH	53	54	55	57	58	60
DIRECT REUSE	GRAY	CANADIAN	FRESH	220	220	220	220	220	220
DIRECT REUSE	HUTCHINSON	CANADIAN	FRESH	1,045	1,045	1,045	1,045	1,045	1,045
DIRECT REUSE	POTTER	CANADIAN	FRESH	26,087	27,504	29,108	30,711	34,815	38,369
DIRECT REUSE	POTTER	RED	FRESH	1,500	1,500	1,500	1,500	1,500	1,500
DIRECT REUSE	RANDALL	RED	FRESH	545	597	651	710	777	846
DIRECT REUSE	WHEELER	RED	FRESH	51	52	53	55	57	59
DIRECT REUSE FROM MEMPHIS	HALL	RED	FRESH	100	100	100	100	100	100
REUSE TOTAL SOURCE AVAILABILITY				29,820	31,296	32,959	34,628	38,807	42,438
REGION A									
SURFACE WATER	COUNTY	BASIN	SALINITY	SOURCE AVAILABILITY (ACRE-FEET PER YEAR)					
				2020	2030	2040	2050	2060	2070
CANADIAN LIVESTOCK LOCAL SUPPLY	CARSON	CANADIAN	FRESH	59	59	59	59	59	59
CANADIAN LIVESTOCK LOCAL SUPPLY	DALLAM	CANADIAN	FRESH	2,488	2,488	2,488	2,488	2,488	2,488
CANADIAN LIVESTOCK LOCAL SUPPLY	GRAY	CANADIAN	FRESH	199	199	199	199	199	199

SOURCE AVAILABILITY

REGION A									
SURFACE WATER	COUNTY	BASIN	SALINITY	SOURCE AVAILABILITY (ACRE-FEET PER YEAR)					
				2020	2030	2040	2050	2060	2070
CANADIAN LIVESTOCK LOCAL SUPPLY	HANSFORD	CANADIAN	FRESH	2,617	2,617	2,617	2,617	2,617	2,617
CANADIAN LIVESTOCK LOCAL SUPPLY	HARTLEY	CANADIAN	FRESH	3,193	3,193	3,193	3,193	3,193	3,193
CANADIAN LIVESTOCK LOCAL SUPPLY	HEMPHILL	CANADIAN	FRESH	248	248	248	248	248	248
CANADIAN LIVESTOCK LOCAL SUPPLY	HUTCHINSON	CANADIAN	FRESH	281	281	281	281	281	281
CANADIAN LIVESTOCK LOCAL SUPPLY	LIPSCOMB	CANADIAN	FRESH	110	110	110	110	110	110
CANADIAN LIVESTOCK LOCAL SUPPLY	MOORE	CANADIAN	FRESH	1,000	1,000	1,000	1,000	1,000	1,000
CANADIAN LIVESTOCK LOCAL SUPPLY	OCHILTREE	CANADIAN	FRESH	421	421	421	421	421	421
CANADIAN LIVESTOCK LOCAL SUPPLY	OLDHAM	CANADIAN	FRESH	626	626	626	626	626	626
CANADIAN LIVESTOCK LOCAL SUPPLY	POTTER	CANADIAN	FRESH	500	500	500	500	500	500
CANADIAN LIVESTOCK LOCAL SUPPLY	ROBERTS	CANADIAN	FRESH	124	124	124	124	124	124
CANADIAN LIVESTOCK LOCAL SUPPLY	SHERMAN	CANADIAN	FRESH	1,052	1,052	1,052	1,052	1,052	1,052
CANADIAN RUN-OF-RIVER	GRAY	CANADIAN	FRESH	1	1	1	1	1	1
CANADIAN RUN-OF-RIVER	HANSFORD	CANADIAN	FRESH	22	22	22	22	22	22
CANADIAN RUN-OF-RIVER	HUTCHINSON	CANADIAN	FRESH	98	98	98	98	98	98
CANADIAN RUN-OF-RIVER	LIPSCOMB	CANADIAN	FRESH	66	66	66	66	66	66
CANADIAN RUN-OF-RIVER	MOORE	CANADIAN	FRESH	7	7	7	7	7	7
CANADIAN RUN-OF-RIVER	ROBERTS	CANADIAN	FRESH	72	72	72	72	72	72
CANADIAN RUN-OF-RIVER	SHERMAN	CANADIAN	FRESH	32	32	32	32	32	32
GREENBELT LAKE/RESERVOIR	RESERVOIR	RED	FRESH	3,850	3,782	3,714	3,646	3,578	3,440
MEREDITH LAKE/RESERVOIR	RESERVOIR	CANADIAN	FRESH	0	0	0	0	0	0
PALO DURO LAKE/RESERVOIR	RESERVOIR	CANADIAN	FRESH	3,917	3,875	3,833	3,792	3,750	3,708
RED LIVESTOCK LOCAL SUPPLY	ARMSTRONG	RED	FRESH	122	122	122	122	122	122
RED LIVESTOCK LOCAL SUPPLY	CARSON	RED	FRESH	75	75	75	75	75	75
RED LIVESTOCK LOCAL SUPPLY	CHILDRESS	RED	FRESH	49	49	49	49	49	49
RED LIVESTOCK LOCAL SUPPLY	COLLINGSWORTH	RED	FRESH	29	29	29	29	29	29
RED LIVESTOCK LOCAL SUPPLY	DONLEY	RED	FRESH	283	283	283	283	283	283
RED LIVESTOCK LOCAL SUPPLY	GRAY	RED	FRESH	600	600	600	600	600	600
RED LIVESTOCK LOCAL SUPPLY	HALL	RED	FRESH	91	91	91	91	91	91
RED LIVESTOCK LOCAL SUPPLY	HEMPHILL	RED	FRESH	173	173	173	173	173	173

SOURCE AVAILABILITY

REGION A									
SURFACE WATER	COUNTY	BASIN	SALINITY	SOURCE AVAILABILITY (ACRE-FEET PER YEAR)					
				2020	2030	2040	2050	2060	2070
RED LIVESTOCK LOCAL SUPPLY	OLDHAM	RED	FRESH	209	209	209	209	209	209
RED LIVESTOCK LOCAL SUPPLY	POTTER	RED	FRESH	62	62	62	62	62	62
RED LIVESTOCK LOCAL SUPPLY	RANDALL	RED	FRESH	1,312	1,312	1,312	1,312	1,312	1,312
RED LIVESTOCK LOCAL SUPPLY	ROBERTS	RED	FRESH	15	15	15	15	15	15
RED LIVESTOCK LOCAL SUPPLY	WHEELER	RED	FRESH	845	845	845	845	845	845
RED RUN-OF-RIVER	CARSON	RED	FRESH	277	277	277	277	277	277
RED RUN-OF-RIVER	CHILDRESS	RED	FRESH	19	19	19	19	19	19
RED RUN-OF-RIVER	COLLINGSWORTH	RED	FRESH	851	851	851	851	851	851
RED RUN-OF-RIVER	DONLEY	RED	FRESH	166	166	166	166	166	166
RED RUN-OF-RIVER	GRAY	RED	FRESH	55	55	55	55	55	55
RED RUN-OF-RIVER	HALL	RED	FRESH	52	52	52	52	52	52
RED RUN-OF-RIVER	RANDALL	RED	FRESH	217	217	217	217	217	217
RED RUN-OF-RIVER	WHEELER	RED	FRESH	603	603	603	603	603	603
SURFACE WATER TOTAL SOURCE AVAILABILITY				27,088	26,978	26,868	26,759	26,649	26,469
REGION A TOTAL SOURCE AVAILABILITY				3,730,937	3,431,863	3,127,504	2,838,418	2,572,786	2,338,433

EXISTING WATER SUPPLY

REGION A	SOURCE REGION SOURCE NAME	EXISTING SUPPLY (ACRE-FEET PER YEAR)					
		2020	2030	2040	2050	2060	2070
ARMSTRONG COUNTY							
RED BASIN							
CLAUDE	A OGALLALA AQUIFER ARMSTRONG COUNTY	463	405	354	311	273	235
COUNTY-OTHER	A DOCKUM AQUIFER ARMSTRONG COUNTY	16	16	16	16	16	16
COUNTY-OTHER	A OGALLALA AQUIFER ARMSTRONG COUNTY	84	84	84	84	84	84
LIVESTOCK	A OGALLALA AQUIFER ARMSTRONG COUNTY	493	497	500	504	507	511
LIVESTOCK	A OTHER AQUIFER FRESH/BRACKISH ARMSTRONG COUNTY	30	30	30	30	30	30
LIVESTOCK	A RED LIVESTOCK LOCAL SUPPLY	122	122	122	122	122	122
IRRIGATION	A OGALLALA AQUIFER ARMSTRONG COUNTY	4,194	3,990	3,708	3,296	2,884	2,472
RED BASIN TOTAL EXISTING SUPPLY		5,402	5,144	4,814	4,363	3,916	3,470
ARMSTRONG COUNTY TOTAL EXISTING SUPPLY		5,402	5,144	4,814	4,363	3,916	3,470
CARSON COUNTY							
CANADIAN BASIN							
WHITE DEER	A OGALLALA AQUIFER CARSON COUNTY	106	107	107	107	107	107
COUNTY-OTHER	A OGALLALA AQUIFER CARSON COUNTY	249	237	228	225	208	185
MANUFACTURING	A OGALLALA AQUIFER CARSON COUNTY	25	28	30	32	35	37
MINING	A OGALLALA AQUIFER CARSON COUNTY	14	14	14	14	14	14
LIVESTOCK	A CANADIAN LIVESTOCK LOCAL SUPPLY	59	59	59	59	59	59
LIVESTOCK	A OGALLALA AQUIFER CARSON COUNTY	460	463	466	469	473	476
IRRIGATION	A OGALLALA AQUIFER CARSON COUNTY	14,483	13,738	12,682	11,273	9,864	8,454
CANADIAN BASIN TOTAL EXISTING SUPPLY		15,396	14,646	13,586	12,179	10,760	9,332
RED BASIN							
GROOM	A OGALLALA AQUIFER CARSON COUNTY	326	342	344	338	326	314
PANHANDLE	A OGALLALA AQUIFER CARSON COUNTY	483	60	0	0	0	0
WHITE DEER	A OGALLALA AQUIFER CARSON COUNTY	138	141	141	140	140	140
COUNTY-OTHER	A OGALLALA AQUIFER CARSON COUNTY	215	205	197	194	180	160
MANUFACTURING	A OGALLALA AQUIFER CARSON COUNTY	1,102	995	927	871	824	777
LIVESTOCK	A OGALLALA AQUIFER CARSON COUNTY	98	99	100	101	102	103
LIVESTOCK	A RED LIVESTOCK LOCAL SUPPLY	75	75	75	75	75	75
IRRIGATION	A DIRECT REUSE	57	58	58	58	58	58
IRRIGATION	A OGALLALA AQUIFER CARSON COUNTY	40,885	38,765	35,759	31,748	27,738	23,728
IRRIGATION	A RED RUN-OF-RIVER	277	277	277	277	277	277
RED BASIN TOTAL EXISTING SUPPLY		43,656	41,017	37,878	33,802	29,720	25,632
CARSON COUNTY TOTAL EXISTING SUPPLY		59,052	55,663	51,464	45,981	40,480	34,964
CHILDRESS COUNTY							
RED BASIN							
CHILDRESS	A GREENBELT LAKE/RESERVOIR	1,087	1,161	1,228	1,301	1,379	1,457
CHILDRESS	A OGALLALA AQUIFER DONLEY COUNTY	537	497	458	421	389	357
COUNTY-OTHER	A GREENBELT LAKE/RESERVOIR	119	129	138	147	156	164
COUNTY-OTHER	A OGALLALA AQUIFER DONLEY COUNTY	59	55	51	47	44	40
COUNTY-OTHER	A OTHER AQUIFER FRESH/BRACKISH CHILDRESS COUNTY	20	20	20	20	20	20
COUNTY-OTHER	A SEYMOUR AQUIFER CHILDRESS COUNTY	20	20	20	20	20	20
LIVESTOCK	A BLAINE AQUIFER CHILDRESS COUNTY	216	216	216	216	216	216

EXISTING WATER SUPPLY

REGION A	SOURCE REGION SOURCE NAME	EXISTING SUPPLY (ACRE-FEET PER YEAR)					
		2020	2030	2040	2050	2060	2070
CHILDRESS COUNTY							
RED BASIN							
LIVESTOCK	A RED LIVESTOCK LOCAL SUPPLY	49	49	49	49	49	49
LIVESTOCK	A SEYMOUR AQUIFER CHILDRESS COUNTY	240	240	240	240	240	240
IRRIGATION	A BLAINE AQUIFER CHILDRESS COUNTY	6,995	6,713	6,288	5,555	4,821	4,088
IRRIGATION	A DIRECT REUSE	162	166	169	172	177	181
IRRIGATION	A OTHER AQUIFER FRESH/BRACKISH CHILDRESS COUNTY	213	213	213	213	213	213
IRRIGATION	A RED RUN-OF-RIVER	19	19	19	19	19	19
IRRIGATION	A SEYMOUR AQUIFER CHILDRESS COUNTY	100	100	100	100	100	100
RED BASIN TOTAL EXISTING SUPPLY		9,836	9,598	9,209	8,520	7,843	7,164
CHILDRESS COUNTY TOTAL EXISTING SUPPLY		9,836	9,598	9,209	8,520	7,843	7,164
COLLINGSWORTH COUNTY							
RED BASIN							
WELLINGTON	A SEYMOUR AQUIFER COLLINGSWORTH COUNTY	525	540	549	567	582	595
COUNTY-OTHER	A BLAINE AQUIFER COLLINGSWORTH COUNTY	8	8	8	8	8	8
COUNTY-OTHER	A OTHER AQUIFER FRESH/BRACKISH COLLINGSWORTH COUNTY	25	25	25	25	25	25
COUNTY-OTHER	A SEYMOUR AQUIFER COLLINGSWORTH COUNTY	204	204	204	204	204	204
LIVESTOCK	A BLAINE AQUIFER COLLINGSWORTH COUNTY	275	275	275	283	283	283
LIVESTOCK	A OTHER AQUIFER FRESH/BRACKISH COLLINGSWORTH COUNTY	276	276	276	276	276	276
LIVESTOCK	A RED LIVESTOCK LOCAL SUPPLY	29	29	29	29	29	29
LIVESTOCK	A SEYMOUR AQUIFER COLLINGSWORTH COUNTY	26	26	26	26	26	26
IRRIGATION	A BLAINE AQUIFER COLLINGSWORTH COUNTY	8,972	8,638	8,128	7,225	6,322	5,419
IRRIGATION	A DIRECT REUSE	53	54	55	57	58	60
IRRIGATION	A OTHER AQUIFER FRESH/BRACKISH COLLINGSWORTH COUNTY	8	8	8	8	8	8
IRRIGATION	A RED RUN-OF-RIVER	851	851	851	851	851	851
IRRIGATION	A SEYMOUR AQUIFER COLLINGSWORTH COUNTY	8,972	8,638	8,128	7,225	6,322	5,419
RED BASIN TOTAL EXISTING SUPPLY		20,224	19,572	18,562	16,784	14,994	13,203
COLLINGSWORTH COUNTY TOTAL EXISTING SUPPLY		20,224	19,572	18,562	16,784	14,994	13,203
DALLAM COUNTY							
CANADIAN BASIN							
DALHART	A OGALLALA-RITA BLANCA AQUIFER DALLAM COUNTY	1,306	1,220	1,112	993	872	744
TEXLINE	A OGALLALA-RITA BLANCA AQUIFER DALLAM COUNTY	227	253	280	262	236	201
COUNTY-OTHER	A OGALLALA-RITA BLANCA AQUIFER DALLAM COUNTY	141	151	166	183	199	214
MANUFACTURING	A OGALLALA-RITA BLANCA AQUIFER DALLAM COUNTY	9	9	10	10	11	11
LIVESTOCK	A CANADIAN LIVESTOCK LOCAL SUPPLY	2,488	2,488	2,488	2,488	2,488	2,488
LIVESTOCK	A OGALLALA-RITA BLANCA AQUIFER DALLAM COUNTY	1,949	2,181	2,432	2,703	2,997	3,315
IRRIGATION	A DOCKUM AQUIFER DALLAM COUNTY	3,026	3,026	3,026	3,026	3,026	3,026
IRRIGATION	A OGALLALA-RITA BLANCA AQUIFER DALLAM COUNTY	287,439	252,823	221,543	192,895	167,090	141,286
CANADIAN BASIN TOTAL EXISTING SUPPLY		296,585	262,151	231,057	202,560	176,919	151,285

EXISTING WATER SUPPLY

REGION A	SOURCE REGION SOURCE NAME	EXISTING SUPPLY (ACRE-FEET PER YEAR)					
		2020	2030	2040	2050	2060	2070
DALLAM COUNTY TOTAL EXISTING SUPPLY		296,585	262,151	231,057	202,560	176,919	151,285
DONLEY COUNTY							
RED BASIN							
CLARENDON	A GREENBELT LAKE/RESERVOIR	253	258	263	269	278	286
CLARENDON	A OGALLALA AQUIFER DONLEY COUNTY	125	111	98	87	78	70
COUNTY-OTHER	A GREENBELT LAKE/RESERVOIR	64	66	69	72	74	76
COUNTY-OTHER	A OGALLALA AQUIFER DONLEY COUNTY	201	199	196	193	191	189
LIVESTOCK	A OGALLALA AQUIFER DONLEY COUNTY	664	666	667	669	671	673
LIVESTOCK	A OTHER AQUIFER FRESH/BRACKISH DONLEY COUNTY	383	383	383	383	383	383
LIVESTOCK	A RED LIVESTOCK LOCAL SUPPLY	283	283	283	283	283	283
IRRIGATION	A OGALLALA AQUIFER DONLEY COUNTY	24,080	23,203	21,847	19,419	16,992	14,564
IRRIGATION	A RED RUN-OF-RIVER	166	166	166	166	166	166
RED BASIN TOTAL EXISTING SUPPLY		26,219	25,335	23,972	21,541	19,116	16,690
DONLEY COUNTY TOTAL EXISTING SUPPLY		26,219	25,335	23,972	21,541	19,116	16,690
GRAY COUNTY							
CANADIAN BASIN							
PAMPA	A OGALLALA AQUIFER GRAY COUNTY	1,531	1,224	976	791	637	483
PAMPA	A OGALLALA AQUIFER ROBERTS COUNTY	2,484	1,015	893	1,945	1,755	1,566
COUNTY-OTHER	A OGALLALA AQUIFER GRAY COUNTY	450	488	537	604	659	717
MANUFACTURING	A OGALLALA AQUIFER GRAY COUNTY	4,371	4,370	4,465	4,465	4,275	4,085
MINING	A OGALLALA AQUIFER GRAY COUNTY	7	7	7	6	5	5
STEAM ELECTRIC POWER	A OGALLALA AQUIFER GRAY COUNTY	1,409	2,112	2,299	2,952	3,087	3,320
LIVESTOCK	A CANADIAN LIVESTOCK LOCAL SUPPLY	199	199	199	199	199	199
LIVESTOCK	A OGALLALA AQUIFER GRAY COUNTY	141	141	141	141	141	141
IRRIGATION	A CANADIAN RUN-OF-RIVER	1	1	1	1	1	1
IRRIGATION	A DIRECT REUSE	220	220	220	220	220	220
IRRIGATION	A OGALLALA AQUIFER GRAY COUNTY	5,315	5,006	4,599	4,064	3,528	2,992
CANADIAN BASIN TOTAL EXISTING SUPPLY		16,128	14,783	14,337	15,388	14,507	13,729
RED BASIN							
MCLEAN	A OGALLALA AQUIFER GRAY COUNTY	245	240	244	185	164	144
COUNTY-OTHER	A OGALLALA AQUIFER GRAY COUNTY	243	264	290	326	356	388
MANUFACTURING	A OGALLALA AQUIFER GRAY COUNTY	229	230	235	235	225	215
MINING	A OGALLALA AQUIFER GRAY COUNTY	68	67	60	54	48	42
LIVESTOCK	A OGALLALA AQUIFER GRAY COUNTY	1,174	1,174	1,174	1,174	1,174	1,174
LIVESTOCK	A RED LIVESTOCK LOCAL SUPPLY	600	600	600	600	600	600
IRRIGATION	A OGALLALA AQUIFER GRAY COUNTY	15,700	14,822	13,664	12,139	10,615	9,091
IRRIGATION	A RED RUN-OF-RIVER	55	55	55	55	55	55
RED BASIN TOTAL EXISTING SUPPLY		18,314	17,452	16,322	14,768	13,237	11,709
GRAY COUNTY TOTAL EXISTING SUPPLY		34,442	32,235	30,659	30,156	27,744	25,438
HALL COUNTY							
RED BASIN							
MEMPHIS	A GREENBELT LAKE/RESERVOIR	67	70	73	76	78	80
MEMPHIS	A OGALLALA AQUIFER DONLEY COUNTY	361	324	299	226	191	156

EXISTING WATER SUPPLY

REGION A	SOURCE REGION SOURCE NAME	EXISTING SUPPLY (ACRE-FEET PER YEAR)					
		2020	2030	2040	2050	2060	2070
HALL COUNTY							
RED BASIN							
COUNTY-OTHER	A GREENBELT LAKE/RESERVOIR	62	64	67	69	72	74
COUNTY-OTHER	A OGALLALA AQUIFER DONLEY COUNTY	115	113	110	108	105	103
COUNTY-OTHER	A SEYMOUR AQUIFER HALL COUNTY	192	192	192	192	192	192
LIVESTOCK	A OTHER AQUIFER FRESH/BRACKISH HALL COUNTY	300	300	300	300	300	300
LIVESTOCK	A RED LIVESTOCK LOCAL SUPPLY	91	91	91	91	91	91
LIVESTOCK	A SEYMOUR AQUIFER HALL COUNTY	15	15	15	15	15	15
IRRIGATION	A DIRECT REUSE	100	100	100	100	100	100
IRRIGATION	A OTHER AQUIFER FRESH/BRACKISH HALL COUNTY	786	786	786	786	721	618
IRRIGATION	A RED RUN-OF-RIVER	52	52	52	52	52	52
IRRIGATION	A SEYMOUR AQUIFER HALL COUNTY	9,196	8,868	8,336	7,305	6,340	5,412
RED BASIN TOTAL EXISTING SUPPLY		11,337	10,975	10,421	9,320	8,257	7,193
HALL COUNTY TOTAL EXISTING SUPPLY		11,337	10,975	10,421	9,320	8,257	7,193
HANSFORD COUNTY							
CANADIAN BASIN							
GRUVER	A OGALLALA AQUIFER HANSFORD COUNTY	371	338	249	184	132	81
SPEARMAN	A OGALLALA AQUIFER HANSFORD COUNTY	672	683	691	421	258	112
COUNTY-OTHER	A OGALLALA AQUIFER HANSFORD COUNTY	200	200	200	200	200	200
MANUFACTURING	A OGALLALA AQUIFER HANSFORD COUNTY	90	91	93	101	111	120
MINING	A OGALLALA AQUIFER HANSFORD COUNTY	577	904	602	309	16	1
LIVESTOCK	A CANADIAN LIVESTOCK LOCAL SUPPLY	2,617	2,617	2,617	2,617	2,617	2,617
LIVESTOCK	A OGALLALA AQUIFER HANSFORD COUNTY	815	957	1,107	1,264	1,429	1,602
IRRIGATION	A CANADIAN RUN-OF-RIVER	22	22	22	22	22	22
IRRIGATION	A OGALLALA AQUIFER HANSFORD COUNTY	134,902	126,481	115,759	102,897	90,035	77,173
CANADIAN BASIN TOTAL EXISTING SUPPLY		140,266	132,293	121,340	108,015	94,820	81,928
HANSFORD COUNTY TOTAL EXISTING SUPPLY		140,266	132,293	121,340	108,015	94,820	81,928
HARTLEY COUNTY							
CANADIAN BASIN							
DALHART	A OGALLALA-RITA BLANCA AQUIFER DALLAM COUNTY	614	530	440	361	294	234
COUNTY-OTHER	A OGALLALA-RITA BLANCA AQUIFER HARTLEY COUNTY	655	687	700	711	725	737
MANUFACTURING	A OGALLALA-RITA BLANCA AQUIFER HARTLEY COUNTY	5	5	5	5	5	5
MINING	A OGALLALA-RITA BLANCA AQUIFER HARTLEY COUNTY	7	7	6	5	4	3
LIVESTOCK	A CANADIAN LIVESTOCK LOCAL SUPPLY	3,193	3,193	3,193	3,193	3,193	3,193
LIVESTOCK	A DOCKUM AQUIFER HARTLEY COUNTY	1,161	1,161	1,161	1,161	1,161	1,161
LIVESTOCK	A OGALLALA-RITA BLANCA AQUIFER HARTLEY COUNTY	2,144	2,623	3,144	3,712	4,330	5,005
IRRIGATION	A OGALLALA-RITA BLANCA AQUIFER HARTLEY COUNTY	268,060	232,514	201,640	174,225	150,144	126,063
CANADIAN BASIN TOTAL EXISTING SUPPLY		275,839	240,720	210,289	183,373	159,856	136,401
HARTLEY COUNTY TOTAL EXISTING SUPPLY		275,839	240,720	210,289	183,373	159,856	136,401

EXISTING WATER SUPPLY

REGION A	SOURCE REGION SOURCE NAME	EXISTING SUPPLY (ACRE-FEET PER YEAR)					
		2020	2030	2040	2050	2060	2070
LIPSCOMB COUNTY							
CANADIAN BASIN							
LIVESTOCK	A OGALLALA AQUIFER LIPSCOMB COUNTY	837	859	883	910	940	973
IRRIGATION	A CANADIAN RUN-OF-RIVER	66	66	66	66	66	66
IRRIGATION	A OGALLALA AQUIFER LIPSCOMB COUNTY	20,009	19,014	17,650	15,689	13,728	11,767
CANADIAN BASIN TOTAL EXISTING SUPPLY		23,236	21,982	20,267	17,849	15,721	13,701
LIPSCOMB COUNTY TOTAL EXISTING SUPPLY		23,236	21,982	20,267	17,849	15,721	13,701
MOORE COUNTY							
CANADIAN BASIN							
CACTUS	A OGALLALA AQUIFER MOORE COUNTY	402	331	268	212	185	156
DUMAS	A OGALLALA AQUIFER MOORE COUNTY	1,132	790	573	318	162	7
DUMAS	A OGALLALA-RITA BLANCA AQUIFER HARTLEY COUNTY	2,116	2,130	2,030	1,869	1,679	1,489
FRITCH	A OGALLALA AQUIFER CARSON COUNTY	5	5	5	5	5	5
SUNRAY	A OGALLALA AQUIFER MOORE COUNTY	609	330	125	62	18	0
COUNTY-OTHER	A OGALLALA AQUIFER MOORE COUNTY	307	332	363	399	444	489
COUNTY-OTHER	A OGALLALA-RITA BLANCA AQUIFER HARTLEY COUNTY	55	44	36	27	21	15
MANUFACTURING	A OGALLALA AQUIFER MOORE COUNTY	7,175	7,203	7,284	6,024	5,032	4,191
MINING	A OGALLALA AQUIFER MOORE COUNTY	16	16	16	15	15	15
STEAM ELECTRIC POWER	A OGALLALA AQUIFER MOORE COUNTY	200	0	0	0	0	0
LIVESTOCK	A CANADIAN LIVESTOCK LOCAL SUPPLY	1,000	1,000	1,000	1,000	1,000	1,000
LIVESTOCK	A OGALLALA AQUIFER MOORE COUNTY	2,676	2,906	3,155	3,424	3,716	4,032
IRRIGATION	A CANADIAN RUN-OF-RIVER	7	7	7	7	7	7
IRRIGATION	A OGALLALA AQUIFER MOORE COUNTY	143,028	134,395	123,290	109,591	92,003	76,015
CANADIAN BASIN TOTAL EXISTING SUPPLY		158,728	149,489	138,152	122,953	104,287	87,421
MOORE COUNTY TOTAL EXISTING SUPPLY		158,728	149,489	138,152	122,953	104,287	87,421
OCHILTREE COUNTY							
CANADIAN BASIN							
BOOKER	A OGALLALA AQUIFER LIPSCOMB COUNTY	7	10	11	10	10	9
PERRYTON	A OGALLALA AQUIFER OCHILTREE COUNTY	2,351	2,031	1,745	1,524	1,309	1,136
COUNTY-OTHER	A OGALLALA AQUIFER OCHILTREE COUNTY	263	273	286	306	328	352
MINING	A OGALLALA AQUIFER OCHILTREE COUNTY	824	853	503	161	23	3
LIVESTOCK	A CANADIAN LIVESTOCK LOCAL SUPPLY	421	421	421	421	421	421
LIVESTOCK	A OGALLALA AQUIFER OCHILTREE COUNTY	3,795	3,211	3,308	3,411	3,521	3,637
IRRIGATION	A OGALLALA AQUIFER OCHILTREE COUNTY	57,243	53,825	49,414	43,923	38,433	32,942
CANADIAN BASIN TOTAL EXISTING SUPPLY		64,904	60,624	55,688	49,756	44,045	38,500
OCHILTREE COUNTY TOTAL EXISTING SUPPLY		64,904	60,624	55,688	49,756	44,045	38,500
OLDHAM COUNTY							
CANADIAN BASIN							
VEGA	A OGALLALA AQUIFER OLDHAM COUNTY	90	90	90	90	90	90
VEGA	O OGALLALA AQUIFER DEAF SMITH COUNTY	200	200	200	200	200	200
COUNTY-OTHER	A DOCKUM AQUIFER OLDHAM COUNTY	387	387	387	387	387	387
COUNTY-OTHER	A OGALLALA AQUIFER OLDHAM COUNTY	214	210	211	211	211	211
MINING	A DOCKUM AQUIFER OLDHAM COUNTY	283	283	283	283	283	283

EXISTING WATER SUPPLY

REGION A	SOURCE REGION SOURCE NAME	EXISTING SUPPLY (ACRE-FEET PER YEAR)					
		2020	2030	2040	2050	2060	2070
OLDHAM COUNTY							
CANADIAN BASIN							
MINING	A OGALLALA AQUIFER OLDHAM COUNTY	173	257	330	361	425	493
LIVESTOCK	A CANADIAN LIVESTOCK LOCAL SUPPLY	626	626	626	626	626	626
LIVESTOCK	A DOCKUM AQUIFER OLDHAM COUNTY	430	430	430	430	430	430
LIVESTOCK	A OGALLALA AQUIFER OLDHAM COUNTY	356	356	356	356	356	356
IRRIGATION	A DOCKUM AQUIFER OLDHAM COUNTY	372	372	372	372	372	372
IRRIGATION	A OGALLALA AQUIFER OLDHAM COUNTY	2,699	2,567	2,377	2,072	1,766	1,461
CANADIAN BASIN TOTAL EXISTING SUPPLY		5,830	5,778	5,662	5,388	5,146	4,909
RED BASIN							
COUNTY-OTHER	A OGALLALA AQUIFER OLDHAM COUNTY	73	77	76	76	76	76
MINING	A OGALLALA AQUIFER OLDHAM COUNTY	19	23	26	27	29	32
LIVESTOCK	A OGALLALA AQUIFER OLDHAM COUNTY	119	119	119	119	119	119
LIVESTOCK	A RED LIVESTOCK LOCAL SUPPLY	209	209	209	209	209	209
IRRIGATION	A OGALLALA AQUIFER OLDHAM COUNTY	866	829	775	689	603	517
RED BASIN TOTAL EXISTING SUPPLY		1,286	1,257	1,205	1,120	1,036	953
OLDHAM COUNTY TOTAL EXISTING SUPPLY		7,116	7,035	6,867	6,508	6,182	5,862
POTTER COUNTY							
CANADIAN BASIN							
AMARILLO	A OGALLALA AQUIFER CARSON COUNTY	3,643	3,112	2,617	2,211	1,911	1,610
AMARILLO	A OGALLALA AQUIFER POTTER COUNTY	3,151	2,452	2,364	2,233	2,056	1,879
AMARILLO	A OGALLALA AQUIFER RANDALL COUNTY	753	576	455	365	295	225
AMARILLO	A OGALLALA AQUIFER ROBERTS COUNTY	11,283	11,595	10,192	8,755	8,177	7,352
AMARILLO	O OGALLALA AQUIFER DEAF SMITH COUNTY	33	33	33	33	16	0
COUNTY-OTHER	A DOCKUM AQUIFER POTTER COUNTY	900	900	900	900	900	900
COUNTY-OTHER	A OGALLALA AQUIFER POTTER COUNTY	800	800	800	800	800	800
MANUFACTURING	A OGALLALA AQUIFER POTTER COUNTY	1,457	1,276	1,126	1,025	913	814
MANUFACTURING	A OGALLALA AQUIFER ROBERTS COUNTY	924	836	724	612	547	476
MINING	A OGALLALA AQUIFER POTTER COUNTY	640	781	912	988	1,109	1,245
STEAM ELECTRIC POWER	A DIRECT REUSE	25,387	26,804	28,408	30,011	34,115	37,669
LIVESTOCK	A CANADIAN LIVESTOCK LOCAL SUPPLY	500	500	500	500	500	500
LIVESTOCK	A DOCKUM AQUIFER POTTER COUNTY	13	13	13	13	13	13
LIVESTOCK	A OGALLALA AQUIFER POTTER COUNTY	50	50	50	50	50	50
IRRIGATION	A DIRECT REUSE	555	617	711	760	727	700
IRRIGATION	A OGALLALA AQUIFER POTTER COUNTY	1,305	1,033	803	586	451	317
CANADIAN BASIN TOTAL EXISTING SUPPLY		51,394	51,378	50,608	49,842	52,580	54,550
RED BASIN							
AMARILLO	A OGALLALA AQUIFER CARSON COUNTY	2,399	2,049	1,722	1,456	1,257	1,059
AMARILLO	A OGALLALA AQUIFER POTTER COUNTY	2,074	1,614	1,557	1,470	1,353	1,237
AMARILLO	A OGALLALA AQUIFER RANDALL COUNTY	496	379	300	240	194	149
AMARILLO	O OGALLALA AQUIFER DEAF SMITH COUNTY	22	22	22	22	11	0
COUNTY-OTHER	A OGALLALA AQUIFER POTTER COUNTY	700	700	700	700	700	500
MANUFACTURING	A OGALLALA AQUIFER ROBERTS COUNTY	5,233	4,738	4,102	3,472	3,101	2,699

EXISTING WATER SUPPLY

REGION A	SOURCE REGION SOURCE NAME	EXISTING SUPPLY (ACRE-FEET PER YEAR)					
		2020	2030	2040	2050	2060	2070
ROBERTS COUNTY							
CANADIAN BASIN							
IRRIGATION	A OGALLALA AQUIFER ROBERTS COUNTY	5,588	5,257	4,825	4,281	3,737	3,193
CANADIAN BASIN TOTAL EXISTING SUPPLY		8,180	7,402	6,553	5,517	4,743	4,115
RED BASIN							
COUNTY-OTHER	A OGALLALA AQUIFER ROBERTS COUNTY	5	5	5	5	5	5
MINING	A OGALLALA AQUIFER ROBERTS COUNTY	45	31	18	6	1	0
LIVESTOCK	A OGALLALA AQUIFER ROBERTS COUNTY	10	10	10	10	10	10
LIVESTOCK	A RED LIVESTOCK LOCAL SUPPLY	15	15	15	15	15	15
IRRIGATION	A OGALLALA AQUIFER ROBERTS COUNTY	298	280	258	229	200	172
RED BASIN TOTAL EXISTING SUPPLY		373	341	306	265	231	202
ROBERTS COUNTY TOTAL EXISTING SUPPLY		8,553	7,743	6,859	5,782	4,974	4,317
SHERMAN COUNTY							
CANADIAN BASIN							
STRATFORD	A OGALLALA AQUIFER SHERMAN COUNTY	1,251	1,251	1,251	1,107	920	733
COUNTY-OTHER	A OGALLALA AQUIFER SHERMAN COUNTY	184	194	197	204	208	212
MINING	A OGALLALA AQUIFER SHERMAN COUNTY	35	207	151	98	44	20
LIVESTOCK	A CANADIAN LIVESTOCK LOCAL SUPPLY	1,052	1,052	1,052	1,052	1,052	1,052
LIVESTOCK	A OGALLALA AQUIFER SHERMAN COUNTY	2,397	2,579	2,773	2,982	3,205	3,445
IRRIGATION	A CANADIAN RUN-OF-RIVER	32	32	32	32	32	32
IRRIGATION	A OGALLALA AQUIFER SHERMAN COUNTY	220,966	207,757	190,687	169,499	148,312	127,125
CANADIAN BASIN TOTAL EXISTING SUPPLY		225,917	213,072	196,143	174,974	153,773	132,619
SHERMAN COUNTY TOTAL EXISTING SUPPLY		225,917	213,072	196,143	174,974	153,773	132,619
WHEELER COUNTY							
RED BASIN							
SHAMROCK	A OGALLALA AQUIFER WHEELER COUNTY	957	912	872	820	765	710
WHEELER	A OGALLALA AQUIFER WHEELER COUNTY	323	271	225	184	157	139
COUNTY-OTHER	A BLAINE AQUIFER WHEELER COUNTY	15	15	15	15	15	15
COUNTY-OTHER	A OGALLALA AQUIFER WHEELER COUNTY	348	348	348	348	348	348
COUNTY-OTHER	A OTHER AQUIFER FRESH/BRACKISH WHEELER COUNTY	22	22	22	22	22	22
MINING	A OGALLALA AQUIFER WHEELER COUNTY	3,268	2,329	1,413	503	139	119
LIVESTOCK	A BLAINE AQUIFER WHEELER COUNTY	19	19	19	19	19	19
LIVESTOCK	A OGALLALA AQUIFER WHEELER COUNTY	803	803	803	803	803	803
LIVESTOCK	A OTHER AQUIFER FRESH/BRACKISH WHEELER COUNTY	28	28	28	28	28	28
LIVESTOCK	A RED LIVESTOCK LOCAL SUPPLY	845	845	845	845	845	845
IRRIGATION	A BLAINE AQUIFER WHEELER COUNTY	15	15	15	15	15	15
IRRIGATION	A DIRECT REUSE	51	52	53	55	57	59
IRRIGATION	A OGALLALA AQUIFER WHEELER COUNTY	8,203	7,983	7,433	6,607	5,781	4,955
IRRIGATION	A OTHER AQUIFER FRESH/BRACKISH WHEELER COUNTY	226	226	226	226	226	226
IRRIGATION	A RED RUN-OF-RIVER	603	603	603	603	603	603
RED BASIN TOTAL EXISTING SUPPLY		15,726	14,471	12,920	11,093	9,823	8,906
WHEELER COUNTY TOTAL EXISTING SUPPLY		15,726	14,471	12,920	11,093	9,823	8,906

EXISTING WATER SUPPLY

REGION A TOTAL EXISTING SUPPLY	1,573,189	1,451,002	1,322,423	1,182,699	1,050,687	921,604
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SOURCE WATER BALANCE (AVAILABILITY - WUG SUPPLY)

REGION A									
GROUNDWATER	COUNTY	BASIN	SALINITY	SOURCE WATER BALANCE (ACRE-FEET PER YEAR)					
				2020	2030	2040	2050	2060	2070
BLAINE AQUIFER	CHILDRESS	RED	FRESH	7,995	8,277	8,702	9,435	10,169	10,902
BLAINE AQUIFER	COLLINGSWORTH	RED	FRESH	176,121	176,455	176,965	177,860	178,763	179,666
BLAINE AQUIFER	HALL	RED	FRESH	11,509	11,509	11,509	11,509	11,509	11,509
BLAINE AQUIFER	WHEELER	RED	FRESH	98,948	98,948	98,948	98,948	97,646	96,361
DOCKUM AQUIFER	ARMSTRONG	RED	FRESH	566	566	566	566	566	566
DOCKUM AQUIFER	CARSON	CANADIAN	FRESH	20	20	20	20	20	20
DOCKUM AQUIFER	CARSON	RED	FRESH	263	263	263	263	263	263
DOCKUM AQUIFER	DALLAM	CANADIAN	FRESH	1,008	1,008	1,008	1,008	1,008	1,008
DOCKUM AQUIFER	HARTLEY	CANADIAN	FRESH	2,406	2,406	2,406	2,406	2,406	2,406
DOCKUM AQUIFER	MOORE	CANADIAN	FRESH	5,395	5,395	5,395	5,395	5,395	5,395
DOCKUM AQUIFER	OLDHAM	CANADIAN	FRESH	1,396	1,396	1,396	1,396	1,396	1,396
DOCKUM AQUIFER	OLDHAM	RED	FRESH	104	104	104	104	104	104
DOCKUM AQUIFER	POTTER	CANADIAN	FRESH	612	612	612	612	612	612
DOCKUM AQUIFER	POTTER	RED	FRESH	155	155	155	155	155	155
DOCKUM AQUIFER	RANDALL	RED	FRESH	932	943	953	963	972	981
DOCKUM AQUIFER	SHERMAN	CANADIAN	FRESH	591	591	591	591	591	591
OGALLALA AQUIFER	ARMSTRONG	RED	FRESH	40,133	36,103	32,770	29,966	27,580	25,428
OGALLALA AQUIFER	CARSON	CANADIAN	FRESH	60,201	54,119	48,497	43,645	39,336	35,684
OGALLALA AQUIFER	CARSON	RED	FRESH	40,967	34,929	30,037	26,724	23,864	21,866
OGALLALA AQUIFER	DONLEY	RED	FRESH	48,072	44,743	40,375	37,286	34,649	32,466
OGALLALA AQUIFER	GRAY	CANADIAN	FRESH	26,360	23,270	20,490	17,401	15,209	13,188
OGALLALA AQUIFER	GRAY	RED	FRESH	103,430	92,613	83,352	75,257	67,771	61,192
OGALLALA AQUIFER	HANSFORD	CANADIAN	FRESH	124,644	110,848	99,704	92,078	85,355	80,338
OGALLALA AQUIFER	HEMPHILL	CANADIAN	FRESH	19,262	19,503	20,021	20,427	20,917	21,270
OGALLALA AQUIFER	HEMPHILL	RED	FRESH	16,408	17,366	17,802	18,227	18,527	18,615
OGALLALA AQUIFER	HUTCHINSON	CANADIAN	FRESH	70,452	60,846	51,148	43,203	35,899	29,427
OGALLALA AQUIFER	LIPSCOMB	CANADIAN	FRESH	260,727	252,020	236,304	220,082	203,545	188,366
OGALLALA AQUIFER	MOORE	CANADIAN	FRESH	43,809	27,684	12,543	3,528	1,538	1,136
OGALLALA AQUIFER	OCHILTREE	CANADIAN	FRESH	181,999	164,385	148,448	133,902	120,651	109,195
OGALLALA AQUIFER	OLDHAM	CANADIAN	FRESH	15,828	15,242	14,330	13,316	12,350	11,468
OGALLALA AQUIFER	OLDHAM	RED	FRESH	2,045	1,837	1,776	1,395	1,442	1,489
OGALLALA AQUIFER	POTTER	CANADIAN	FRESH	8,325	9,293	8,146	7,134	5,928	4,893
OGALLALA AQUIFER	POTTER	RED	FRESH	3,674	1,703	547	298	58	33
OGALLALA AQUIFER	RANDALL	RED	FRESH	60,226	58,478	53,408	48,717	40,274	33,427
OGALLALA AQUIFER	ROBERTS	CANADIAN	FRESH	295,966	282,746	259,821	235,099	211,345	190,421
OGALLALA AQUIFER	ROBERTS	RED	FRESH	17,593	17,876	17,274	16,359	15,341	14,385
OGALLALA AQUIFER	SHERMAN	CANADIAN	FRESH	76,075	51,759	34,063	23,590	16,483	13,387
OGALLALA AQUIFER	WHEELER	RED	FRESH	105,654	102,171	96,603	91,024	85,124	79,384
OGALLALA-RITA BLANCA AQUIFER	DALLAM	CANADIAN	FRESH	60,789	51,909	44,334	37,406	31,792	30,342
OGALLALA-RITA BLANCA AQUIFER	HARTLEY	CANADIAN	FRESH	116,506	98,991	83,533	70,412	59,190	52,757
OTHER AQUIFER	RANDALL	RED	FRESH	40	40	40	40	40	40

SOURCE WATER BALANCE (AVAILABILITY - WUG SUPPLY)

REGION A									
GROUNDWATER	COUNTY	BASIN	SALINITY	SOURCE WATER BALANCE (ACRE-FEET PER YEAR)					
				2020	2030	2040	2050	2060	2070
OTHER AQUIFER WHITEHORSE AND QUARtermaster FORMATIONS	ARMSTRONG	RED	FRESH/BRAC KISH	340	340	340	340	340	340
OTHER AQUIFER WHITEHORSE AND QUARtermaster FORMATIONS	CHILDRESS	RED	FRESH/BRAC KISH	0	0	0	0	0	0
OTHER AQUIFER WHITEHORSE AND QUARtermaster FORMATIONS	COLLINGSWORTH	RED	FRESH/BRAC KISH	0	0	0	0	0	0
OTHER AQUIFER WHITEHORSE AND QUARtermaster FORMATIONS	DONLEY	RED	FRESH/BRAC KISH	96	96	96	96	96	96
OTHER AQUIFER WHITEHORSE AND QUARtermaster FORMATIONS	HALL	RED	FRESH/BRAC KISH	0	0	0	0	65	168
OTHER AQUIFER WHITEHORSE AND QUARtermaster FORMATIONS	WHEELER	RED	FRESH/BRAC KISH	0	0	0	0	0	0
SEYMOUR AQUIFER	CHILDRESS	RED	FRESH	372	357	352	352	352	352
SEYMOUR AQUIFER	COLLINGSWORTH	RED	FRESH	6,283	4,842	4,441	3,307	3,107	3,013
SEYMOUR AQUIFER	HALL	RED	FRESH	2,617	2,387	2,323	3,573	4,625	5,641
GROUNDWATER TOTAL SOURCE WATER BALANCE				2,116,914	1,947,144	1,772,511	1,625,415	1,494,368	1,391,742

REGION A									
REUSE	COUNTY	BASIN	SALINITY	SOURCE WATER BALANCE (ACRE-FEET PER YEAR)					
				2020	2030	2040	2050	2060	2070
DIRECT REUSE	CARSON	RED	FRESH	0	0	0	0	0	0
DIRECT REUSE	CHILDRESS	RED	FRESH	0	0	0	0	0	0
DIRECT REUSE	COLLINGSWORTH	RED	FRESH	0	0	0	0	0	0
DIRECT REUSE	GRAY	CANADIAN	FRESH	0	0	0	0	0	0
DIRECT REUSE	HUTCHINSON	CANADIAN	FRESH	0	0	0	0	0	0
DIRECT REUSE	POTTER	CANADIAN	FRESH	0	0	0	0	0	0
DIRECT REUSE	POTTER	RED	FRESH	0	0	0	0	0	0
DIRECT REUSE	RANDALL	RED	FRESH	0	0	0	0	0	0
DIRECT REUSE	WHEELER	RED	FRESH	0	0	0	0	0	0
DIRECT REUSE FROM MEMPHIS	HALL	RED	FRESH	0	0	0	0	0	0
REUSE TOTAL SOURCE WATER BALANCE				0	0	0	0	0	0

REGION A									
SURFACE WATER	COUNTY	BASIN	SALINITY	SOURCE WATER BALANCE (ACRE-FEET PER YEAR)					
				2020	2030	2040	2050	2060	2070
CANADIAN LIVESTOCK LOCAL SUPPLY	CARSON	CANADIAN	FRESH	0	0	0	0	0	0
CANADIAN LIVESTOCK LOCAL SUPPLY	DALLAM	CANADIAN	FRESH	0	0	0	0	0	0
CANADIAN LIVESTOCK LOCAL SUPPLY	GRAY	CANADIAN	FRESH	0	0	0	0	0	0

SOURCE WATER BALANCE (AVAILABILITY - WUG SUPPLY)

REGION A									
SURFACE WATER	COUNTY	BASIN	SALINITY	SOURCE WATER BALANCE (ACRE-FEET PER YEAR)					
				2020	2030	2040	2050	2060	2070
CANADIAN LIVESTOCK LOCAL SUPPLY	HANSFORD	CANADIAN	FRESH	0	0	0	0	0	0
CANADIAN LIVESTOCK LOCAL SUPPLY	HARTLEY	CANADIAN	FRESH	0	0	0	0	0	0
CANADIAN LIVESTOCK LOCAL SUPPLY	HEMPHILL	CANADIAN	FRESH	0	0	0	0	0	0
CANADIAN LIVESTOCK LOCAL SUPPLY	HUTCHINSON	CANADIAN	FRESH	0	0	0	0	0	0
CANADIAN LIVESTOCK LOCAL SUPPLY	LIPSCOMB	CANADIAN	FRESH	0	0	0	0	0	0
CANADIAN LIVESTOCK LOCAL SUPPLY	MOORE	CANADIAN	FRESH	0	0	0	0	0	0
CANADIAN LIVESTOCK LOCAL SUPPLY	OCHILTREE	CANADIAN	FRESH	0	0	0	0	0	0
CANADIAN LIVESTOCK LOCAL SUPPLY	OLDHAM	CANADIAN	FRESH	0	0	0	0	0	0
CANADIAN LIVESTOCK LOCAL SUPPLY	POTTER	CANADIAN	FRESH	0	0	0	0	0	0
CANADIAN LIVESTOCK LOCAL SUPPLY	ROBERTS	CANADIAN	FRESH	0	0	0	0	0	0
CANADIAN LIVESTOCK LOCAL SUPPLY	SHERMAN	CANADIAN	FRESH	0	0	0	0	0	0
CANADIAN RUN-OF-RIVER	GRAY	CANADIAN	FRESH	0	0	0	0	0	0
CANADIAN RUN-OF-RIVER	HANSFORD	CANADIAN	FRESH	0	0	0	0	0	0
CANADIAN RUN-OF-RIVER	HUTCHINSON	CANADIAN	FRESH	0	0	0	0	0	0
CANADIAN RUN-OF-RIVER	LIPSCOMB	CANADIAN	FRESH	0	0	0	0	0	0
CANADIAN RUN-OF-RIVER	MOORE	CANADIAN	FRESH	0	0	0	0	0	0
CANADIAN RUN-OF-RIVER	ROBERTS	CANADIAN	FRESH	0	0	0	0	0	0
CANADIAN RUN-OF-RIVER	SHERMAN	CANADIAN	FRESH	0	0	0	0	0	0
GREENBELT LAKE/RESERVOIR	RESERVOIR	RED	FRESH	1,538	1,339	1,145	935	736	472
MEREDITH LAKE/RESERVOIR	RESERVOIR	CANADIAN	FRESH	0	0	0	0	0	0
PALO DURO LAKE/RESERVOIR	RESERVOIR	CANADIAN	FRESH	3,917	3,875	3,833	3,792	3,750	3,708
RED LIVESTOCK LOCAL SUPPLY	ARMSTRONG	RED	FRESH	0	0	0	0	0	0
RED LIVESTOCK LOCAL SUPPLY	CARSON	RED	FRESH	0	0	0	0	0	0
RED LIVESTOCK LOCAL SUPPLY	CHILDRESS	RED	FRESH	0	0	0	0	0	0
RED LIVESTOCK LOCAL SUPPLY	COLLINGSWORTH	RED	FRESH	0	0	0	0	0	0
RED LIVESTOCK LOCAL SUPPLY	DONLEY	RED	FRESH	0	0	0	0	0	0
RED LIVESTOCK LOCAL SUPPLY	GRAY	RED	FRESH	0	0	0	0	0	0
RED LIVESTOCK LOCAL SUPPLY	HALL	RED	FRESH	0	0	0	0	0	0
RED LIVESTOCK LOCAL SUPPLY	HEMPHILL	RED	FRESH	0	0	0	0	0	0

SOURCE WATER BALANCE (AVAILABILITY - WUG SUPPLY)

REGION A									
SURFACE WATER	COUNTY	BASIN	SALINITY	SOURCE WATER BALANCE (ACRE-FEET PER YEAR)					
				2020	2030	2040	2050	2060	2070
RED LIVESTOCK LOCAL SUPPLY	OLDHAM	RED	FRESH	0	0	0	0	0	0
RED LIVESTOCK LOCAL SUPPLY	POTTER	RED	FRESH	0	0	0	0	0	0
RED LIVESTOCK LOCAL SUPPLY	RANDALL	RED	FRESH	0	0	0	0	0	0
RED LIVESTOCK LOCAL SUPPLY	ROBERTS	RED	FRESH	0	0	0	0	0	0
RED LIVESTOCK LOCAL SUPPLY	WHEELER	RED	FRESH	0	0	0	0	0	0
RED RUN-OF-RIVER	CARSON	RED	FRESH	0	0	0	0	0	0
RED RUN-OF-RIVER	CHILDRESS	RED	FRESH	0	0	0	0	0	0
RED RUN-OF-RIVER	COLLINGSWORTH	RED	FRESH	0	0	0	0	0	0
RED RUN-OF-RIVER	DONLEY	RED	FRESH	0	0	0	0	0	0
RED RUN-OF-RIVER	GRAY	RED	FRESH	0	0	0	0	0	0
RED RUN-OF-RIVER	HALL	RED	FRESH	0	0	0	0	0	0
RED RUN-OF-RIVER	RANDALL	RED	FRESH	0	0	0	0	0	0
RED RUN-OF-RIVER	WHEELER	RED	FRESH	0	0	0	0	0	0
SURFACE WATER TOTAL SOURCE WATER BALANCE				5,455	5,214	4,978	4,727	4,486	4,180
REGION A TOTAL SOURCE WATER BALANCE				2,122,369	1,952,358	1,777,489	1,630,142	1,498,854	1,395,922

WUG (NEEDS)/SURPLUS

REGION A	WUG (NEEDS)/SURPLUS (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
GRAY COUNTY						
CANADIAN BASIN						
PAMPA	304	(1,752)	(2,491)	(2,190)	(2,985)	(3,806)
COUNTY-OTHER	0	0	0	0	0	0
MANUFACTURING	238	173	225	208	189	162
MINING	0	0	0	0	0	0
STEAM ELECTRIC POWER	0	0	0	0	0	0
LIVESTOCK	205	202	199	196	193	189
IRRIGATION	0	0	0	0	0	0
RED BASIN						
MCLEAN	40	18	1	(89)	(135)	(182)
COUNTY-OTHER	0	0	0	0	0	0
MANUFACTURING	12	9	12	11	10	9
MINING	0	0	0	0	0	0
LIVESTOCK	557	534	508	480	448	414
IRRIGATION	0	0	0	0	0	0
HALL COUNTY						
RED BASIN						
MEMPHIS	45	12	0	(68)	(100)	(133)
COUNTY-OTHER	50	47	49	50	50	50
LIVESTOCK	70	69	67	66	65	63
IRRIGATION	0	0	0	0	0	0
HANSFORD COUNTY						
CANADIAN BASIN						
GRUVER	61	2	(111)	(196)	(272)	(344)
SPEARMAN	0	0	0	(283)	(466)	(634)
COUNTY-OTHER	62	55	43	33	24	14
MANUFACTURING	32	30	30	36	41	46
MINING	0	0	0	0	0	0
LIVESTOCK	0	0	0	0	0	0
IRRIGATION	22	22	22	22	22	22
HARTLEY COUNTY						
CANADIAN BASIN						
DALHART	(240)	(344)	(442)	(528)	(605)	(673)
COUNTY-OTHER	0	0	0	0	0	0
MANUFACTURING	0	0	0	0	0	0
MINING	0	0	0	0	0	0
LIVESTOCK	0	0	0	0	0	0
IRRIGATION	(77,305)	(93,368)	(98,650)	(92,699)	(83,415)	(74,130)
HEMPHILL COUNTY						
CANADIAN BASIN						
CANADIAN	0	0	0	0	0	0
COUNTY-OTHER	17	20	23	23	23	23
MANUFACTURING	0	0	0	0	0	0
MINING	0	0	0	0	0	0
LIVESTOCK	0	0	0	0	0	0
IRRIGATION	0	0	0	0	0	0
RED BASIN						
COUNTY-OTHER	47	45	44	41	38	35

WUG (NEEDS)/SURPLUS

REGION A	WUG (NEEDS)/SURPLUS (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
HEMPHILL COUNTY						
RED BASIN						
MINING	0	0	0	0	0	0
LIVESTOCK	0	0	0	0	0	0
IRRIGATION	0	0	0	0	0	0
HUTCHINSON COUNTY						
CANADIAN BASIN						
BORGER	38	(397)	(952)	(1,343)	(1,647)	(1,927)
FRITCH	0	0	0	0	0	0
STINNETT	55	15	0	(115)	(165)	(216)
TCW SUPPLY INC	(75)	(251)	(375)	(466)	(535)	(569)
COUNTY-OTHER	143	129	120	113	106	102
MANUFACTURING	(120)	(994)	(1,739)	(2,614)	(3,487)	(4,416)
MINING	0	0	0	0	0	0
LIVESTOCK	0	0	0	0	0	0
IRRIGATION	96	96	96	96	96	96
LIPSCOMB COUNTY						
CANADIAN BASIN						
BOOKER	0	0	(77)	(257)	(348)	(434)
COUNTY-OTHER	28	25	26	20	14	9
MANUFACTURING	0	0	(21)	(69)	(97)	(124)
MINING	0	0	0	0	0	0
LIVESTOCK	0	0	0	0	0	0
IRRIGATION	66	66	66	66	66	66
MOORE COUNTY						
CANADIAN BASIN						
CACTUS	(583)	(777)	(974)	(1,170)	(1,347)	(1,530)
DUMAS	(290)	(1,021)	(1,785)	(2,679)	(3,550)	(4,437)
FRITCH	3	2	2	2	2	1
SUNRAY	105	(232)	(501)	(633)	(752)	(847)
COUNTY-OTHER	35	16	2	(13)	(21)	(30)
MANUFACTURING	(1,877)	(2,346)	(2,754)	(4,445)	(6,147)	(7,746)
MINING	0	0	0	0	0	0
STEAM ELECTRIC POWER	0	0	0	0	0	0
LIVESTOCK	0	0	0	0	0	0
IRRIGATION	7	7	7	7	(3,882)	(6,171)
OCHILTREE COUNTY						
CANADIAN BASIN						
BOOKER	0	0	(2)	(7)	(11)	(17)
PERRYTON	(478)	(963)	(1,438)	(1,877)	(2,341)	(2,786)
COUNTY-OTHER	24	25	26	28	30	32
MINING	0	0	0	0	0	0
LIVESTOCK	0	0	0	0	0	0
IRRIGATION	0	0	0	0	0	0
OLDHAM COUNTY						
CANADIAN BASIN						
VEGA	18	5	9	11	11	11
COUNTY-OTHER	299	282	286	286	287	287
MINING	0	0	0	0	0	0

WUG (NEEDS)/SURPLUS

REGION A	WUG (NEEDS)/SURPLUS (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
OLDHAM COUNTY						
CANADIAN BASIN						
LIVESTOCK	503	501	499	497	495	492
IRRIGATION	0	0	0	0	0	0
RED BASIN						
COUNTY-OTHER	0	0	0	0	0	0
MINING	0	0	0	0	0	0
LIVESTOCK	8	8	7	6	5	5
IRRIGATION	0	0	0	0	0	0
POTTER COUNTY						
CANADIAN BASIN						
AMARILLO	2,979	474	(3,195)	(6,913)	(9,969)	(13,396)
COUNTY-OTHER	(271)	(446)	(642)	(847)	(1,084)	(1,336)
MANUFACTURING	924	543	171	(136)	(444)	(753)
MINING	0	0	0	0	0	0
STEAM ELECTRIC POWER	0	0	0	0	0	0
LIVESTOCK	164	163	161	160	158	155
IRRIGATION	181	37	0	0	0	7
RED BASIN						
AMARILLO	(5,467)	(7,322)	(8,813)	(10,316)	(11,949)	(13,661)
COUNTY-OTHER	(412)	(510)	(620)	(736)	(869)	(1,212)
MANUFACTURING	(3,023)	(4,154)	(5,410)	(6,578)	(7,686)	(8,880)
MINING	0	0	0	0	0	0
LIVESTOCK	30	30	30	29	29	29
IRRIGATION	0	0	1	121	323	519
RANDALL COUNTY						
RED BASIN						
AMARILLO	(2,020)	(5,593)	(9,807)	(14,105)	(17,944)	(22,125)
CANYON	(1,009)	(1,589)	(2,176)	(2,770)	(3,779)	(4,313)
HAPPY	4	5	5	5	3	1
LAKE TANGLEWOOD	(172)	(200)	(225)	(248)	(266)	(284)
COUNTY-OTHER	(637)	(978)	(1,339)	(1,731)	(2,172)	(2,638)
MANUFACTURING	(41)	(169)	(295)	(401)	(508)	(619)
LIVESTOCK	0	0	0	0	0	0
IRRIGATION	762	814	868	927	994	1,063
ROBERTS COUNTY						
CANADIAN BASIN						
MIAMI	317	316	318	237	171	104
COUNTY-OTHER	12	10	12	12	12	12
MINING	0	0	0	0	0	0
LIVESTOCK	103	103	102	101	100	99
IRRIGATION	0	0	0	0	0	0
RED BASIN						
COUNTY-OTHER	4	4	4	4	4	4
MINING	0	0	0	0	0	0
LIVESTOCK	15	15	15	15	15	15
IRRIGATION	0	0	0	0	0	0

WUG (NEEDS)/SURPLUS

REGION A	WUG (NEEDS)/SURPLUS (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
SHERMAN COUNTY						
CANADIAN BASIN						
STRATFORD	781	753	741	583	384	187
COUNTY-OTHER	0	0	0	0	0	0
MINING	0	0	0	0	0	0
LIVESTOCK	0	0	0	0	0	0
IRRIGATION	32	32	32	32	32	32
WHEELER COUNTY						
RED BASIN						
SHAMROCK	607	559	515	451	382	312
WHEELER	(184)	(249)	(308)	(365)	(412)	(453)
COUNTY-OTHER	95	94	92	83	72	60
MINING	0	0	0	0	0	0
LIVESTOCK	118	15	13	11	8	6
IRRIGATION	895	896	897	899	901	903

WUG CATEGORY SUMMARY

REGION A	2020	2030	2040	2050	2060	2070
MUNICIPAL						
POPULATION	345,540	381,158	417,140	453,985	492,307	532,142
DEMANDS (acre-feet per year)	79,557	85,913	92,583	100,001	108,191	116,808
EXISTING SUPPLIES (acre-feet per year)	74,050	66,287	58,980	52,725	47,178	41,817
NEEDS (acre-feet per year)*	(11,116)	(22,005)	(35,370)	(48,730)	(62,119)	(75,748)
COUNTY-OTHER						
POPULATION	73,086	79,850	86,406	93,075	99,959	107,078
DEMANDS (acre-feet per year)	12,080	12,879	13,702	14,643	15,675	16,764
EXISTING SUPPLIES (acre-feet per year)	11,853	11,961	12,080	12,253	12,399	12,337
NEEDS (acre-feet per year)*	(1,320)	(1,934)	(2,601)	(3,327)	(4,146)	(5,216)
MANUFACTURING						
DEMANDS (acre-feet per year)	49,695	52,589	55,369	57,763	61,343	65,194
EXISTING SUPPLIES (acre-feet per year)	46,548	46,244	46,046	44,146	43,497	43,063
NEEDS (acre-feet per year)*	(5,061)	(7,663)	(10,219)	(14,243)	(18,369)	(22,538)
MINING						
DEMANDS (acre-feet per year)	11,330	9,909	7,223	4,465	2,996	2,968
EXISTING SUPPLIES (acre-feet per year)	11,330	9,909	7,223	4,465	2,996	2,968
NEEDS (acre-feet per year)*	0	0	0	0	0	0
STEAM ELECTRIC POWER						
DEMANDS (acre-feet per year)	26,996	28,916	30,707	32,963	37,202	40,989
EXISTING SUPPLIES (acre-feet per year)	26,996	28,916	30,707	32,963	37,202	40,989
NEEDS (acre-feet per year)*	0	0	0	0	0	0
LIVESTOCK						
DEMANDS (acre-feet per year)	40,532	41,425	43,009	44,718	46,567	48,564
EXISTING SUPPLIES (acre-feet per year)	42,326	43,080	44,621	46,293	48,091	50,033
NEEDS (acre-feet per year)*	0	0	0	0	0	0
IRRIGATION						
DEMANDS (acre-feet per year)	1,513,469	1,426,414	1,312,384	1,166,561	1,020,743	874,922
EXISTING SUPPLIES (acre-feet per year)	1,360,086	1,244,605	1,122,766	989,854	859,324	730,397
NEEDS (acre-feet per year)*	(156,704)	(185,043)	(192,876)	(180,151)	(165,133)	(148,519)
REGION TOTALS						
POPULATION	418,626	461,008	503,546	547,060	592,266	639,220
DEMANDS (acre-feet per year)	1,733,659	1,658,045	1,554,977	1,421,114	1,292,717	1,166,209
EXISTING SUPPLIES (acre-feet per year)	1,573,189	1,451,002	1,322,423	1,182,699	1,050,687	921,604
NEEDS (acre-feet per year)*	(174,201)	(216,645)	(241,066)	(246,451)	(249,767)	(252,021)

*WUG supplies and projected demands are entered for each of a WUG’s region-county-basin divisions. The needs shown in the WUG Category Summary 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. Before aggregating the difference between supplies and demands to the WUG category level, calculated surpluses are updated to zero so that only the WUGs with needs in the decade are included with the Needs totals.