

Table 3-23: Year 2010 Shortages by County and Category

(values in acre-feet per year)

County	Irrigation			Manufacturing			Mining			Municipal			S.E. Power			Livestock			Total		
	Supply	Demand	Shortage	Supply	Demand	Shortage	Supply	Demand	Shortage	Supply	Demand	Shortage	Supply	Demand	Shortage	Supply	Demand	Shortage	Supply	Demand	Shortage
ARMSTRONG	15,000	10,280	4,720	0	0	0	82	13	69	1,111	371	740	0	0	0	1,067	612	455	17,260	11,276	5,984
CARSON	124,914	94,912	30,002	706	591	115	1,673	1,461	212	2,129	1,297	832	0	0	0	1,533	1,016	517	130,955	99,277	31,678
CHILDRESS	10,403	10,046	357	0	0	0	21	17	4	1,673	1,653	20	0	0	0	400	292	108	12,497	12,008	489
COLLINGSWORTH	31,419	24,967	6,452	0	0	0	0	0	0	713	690	23	0	0	0	859	592	267	32,991	26,249	6,742
DALLAM	187,545	312,463	-124,918	0	0	0	0	0	0	1,040	1,711	-671	0	0	0	7,512	12,287	-4,775	196,097	326,461	-130,364
DONLEY	34,415	20,493	13,922	0	0	0	50	15	35	839	659	180	0	0	0	1,699	1,206	493	37,003	22,373	14,630
GRAY	35,420	24,862	10,558	4,768	4,264	504	2,625	1,929	696	8,837	4,082	4,755	0	0	0	4,232	2,183	2,049	55,882	37,320	18,562
HALL	20,338	20,269	69	0	0	0	22	15	7	1,034	795	239	0	0	0	347	300	47	21,741	21,379	362
HANSFORD	247,345	134,929	112,416	90	49	41	995	543	452	2,377	1,298	1,079	0	0	0	6,641	4,744	1,897	257,448	141,563	115,885
HARTLEY	265,497	281,783	-16,286	5	5	0	0	0	0	1,003	1,209	-206	0	0	0	6,934	7,088	-154	273,439	290,085	-16,646
HEMPHILL	8,190	3,637	4,553	1	1	0	0	0	0	2,672	633	2,039	0	0	0	2,338	1,635	703	13,201	5,906	7,295
HUTCHINSON	54,654	61,628	-6,974	21,359	23,659	-2,300	593	398	195	5,587	4,124	1,463	0	0	0	967	814	153	83,160	90,623	-7,463
LIPSCOMB	30,100	14,419	15,681	120	89	31	90	6	84	1,973	748	1,225	0	0	0	3,267	831	2,436	35,550	16,093	19,457
MOORE	115,604	176,079	-60,475	4,851	7,879	-3,028	1,735	1,733	2	2,830	4,505	-1,675	125	200	-75	2,970	4,172	-1,202	128,115	194,568	-66,453
OCHILTREE	130,000	101,615	28,385	0	0	0	440	198	242	4,186	2,143	2,043	0	0	0	7,023	4,538	2,485	141,649	108,494	33,155
OLDHAM	24,608	5,092	19,516	0	0	0	518	328	190	1,119	416	703	0	0	0	3,295	2,116	1,179	29,540	7,952	21,588
POTTER	18,618	7,809	10,809	7,205	6,788	417	700	329	371	29,223	25,865	3,358	22,432	22,432	0	2,510	503	2,007	80,688	63,726	16,962
RANDALL	52,770	29,166	23,604	798	605	193	19	18	1	27,037	23,491	3,546	0	0	0	5,781	3,173	2,608	86,405	56,453	29,952
ROBERTS	27,914	22,318	5,596	0	0	0	27	6	21	606	189	417	0	0	0	768	609	159	29,315	23,122	6,193
SHERMAN	202,830	287,336	-84,506	0	0	0	32	17	15	595	846	-251	0	0	0	7,861	10,880	-3,019	211,318	299,079	-87,761
WHEELER	13,132	8,127	5,005	0	0	0	145	89	56	2,877	880	1,997	0	0	0	3,524	1,645	1,879	19,678	10,741	8,937
Grand Total	1,650,716	1,652,230	-293,159	39,903	43,930	-5,328	9,767	7,115	0	99,461	77,605	-2,803	22,557	22,632	-75	71,528	61,236	-9,150	1,893,932	1,864,748	-308,687

A shortage is determined if the projected demands exceed the supply. The total shortage for a county is based on the difference of the total supply and total demands for the county.

The supply values shown are for the county in which the supply is used. This may differ from the county where the source is located.

Table 3-21: Year 2030 Shortages by County and Category

(values in acre-feet per year)

County	Irrigation			Manufacturing			Mining			Municipal			S.E. Power			Livestock			Total		
	Supply	Demand	Shortage	Supply	Demand	Shortage	Supply	Demand	Shortage	Supply	Demand	Shortage	Supply	Demand	Shortage	Supply	Demand	Shortage	Supply	Demand	Shortage
ARMSTRONG	15,000	9,490	5,510	0	0	0	52	12	40	1,111	369	742	0	0	0	1,139	673	466	17,302	10,544	6,758
CARSON	111,613	87,611	24,002	802	735	67	1,521	1,393	128	1,958	1,300	658	0	0	0	1,588	1,120	468	117,482	92,159	25,323
CHILDRESS	10,400	9,273	1,127	0	0	0	21	16	5	1,724	1,704	20	0	0	0	400	353	47	12,545	11,346	1,199
COLLINGSWORTH	29,917	23,046	6,871	0	0	0	0	0	0	713	666	47	0	0	0	859	672	187	31,489	24,384	7,105
DALLAM	130,541	288,428	-157,887	0	0	0	0	0	0	904	1,928	-1,024	0	0	0	8,436	18,614	-10,178	139,881	308,970	-169,089
DONLEY	30,130	18,917	11,213	0	0	0	44	14	30	811	631	180	0	0	0	1,718	1,332	386	32,703	20,894	11,809
GRAY	32,127	22,949	9,178	4,875	4,451	424	2,625	2,028	597	8,837	3,936	4,901	0	0	0	4,532	2,589	1,943	52,996	35,953	17,043
HALL	18,839	18,710	129	0	0	0	22	14	8	1,034	835	199	0	0	0	345	305	40	20,240	19,864	376
HANSFORD	214,523	124,550	89,973	93	54	39	910	529	381	2,528	1,469	1,059	0	0	0	7,705	5,509	2,196	225,759	132,111	93,648
HARTLEY	155,713	260,107	-104,394	5	5	0	0	0	0	942	1,271	-329	0	0	0	9,120	10,506	-1,386	165,780	271,889	-106,109
HEMPHILL	7,579	3,354	4,225	1	1	0	0	0	0	2,672	614	2,058	0	0	0	2,838	1,889	949	13,090	5,858	7,232
HUTCHINSON	38,182	56,887	-18,705	20,326	26,969	-6,643	506	394	112	4,968	4,122	846	0	0	0	1,206	1,051	155	65,188	89,423	-24,235
LIPSCOMB	30,100	13,310	16,790	120	100	20	95	6	89	1,973	741	1,232	0	0	0	5,699	976	4,723	37,987	15,133	22,854
MOORE	75,547	162,535	-86,988	3,581	8,914	-5,333	1,709	1,709	0	2,219	5,724	-3,505	83	200	-117	2,877	5,575	-2,698	86,016	184,657	-98,641
OCHILTREE	121,765	93,798	27,967	0	0	0	476	220	256	4,229	2,448	1,781	0	0	0	7,768	4,938	2,830	134,238	101,404	32,834
OLDHAM	22,798	4,700	18,098	0	0	0	532	347	185	1,118	394	724	0	0	0	3,956	2,358	1,598	28,404	7,799	20,605
POTTER	11,410	7,208	4,202	8,467	8,043	424	700	392	308	26,292	30,525	-4,233	26,804	26,804	0	1,895	550	1,345	75,568	73,522	2,046
RANDALL	38,719	26,893	11,826	775	726	49	20	20	0	25,857	28,510	-2,653	0	0	0	5,588	3,683	1,905	70,959	59,832	11,127
ROBERTS	24,767	20,601	4,166	0	0	0	27	6	21	606	175	431	0	0	0	770	649	121	26,170	21,431	4,739
SHERMAN	137,885	265,233	-127,348	0	0	0	28	16	12	490	948	-458	0	0	0	9,087	16,903	-7,816	147,490	283,100	-135,610
WHEELER	12,804	7,502	5,302	0	0	0	145	83	62	2,877	878	1,999	0	0	0	4,012	1,852	2,160	19,838	10,315	9,523
Grand Total	1,270,359	1,525,102	-495,322	39,045	49,998	-11,976	9,433	7,199	0	93,863	89,188	-12,202	26,887	27,004	-117	81,538	82,097	-22,078	1,521,125	1,780,588	-533,684

A shortage is determined if the projected demands exceed the supply. The total shortage for a county is based on the difference of the total supply and total demands for the county.

The supply values shown are for the county in which the supply is used. This may differ from the county where the source is located.

Table 3-22: Year 2060 Shortages by County and Category

(values in acre-feet per year)

County	Irrigation			Manufacturing			Mining			Municipal			S.E. Power			Livestock			Total		
	Supply	Demand	Shortage	Supply	Demand	Shortage	Supply	Demand	Shortage	Supply	Demand	Shortage	Supply	Demand	Shortage	Supply	Demand	Shortage	Supply	Demand	Shortage
ARMSTRONG	15,000	6,854	8,146	0	0	0	64	12	52	1,111	340	771	0	0	0	1,584	768	816	17,759	7,974	9,785
CARSON	93,653	63,274	30,379	1,024	920	104	1,501	1,339	162	1,612	1,038	574	0	0	0	1,856	1,272	584	99,646	67,843	31,803
CHILDRESS	10,403	6,698	3,705	0	0	0	21	16	5	1,689	1,669	20	0	0	0	400	372	28	12,513	8,755	3,758
COLLINGSWORTH	29,914	16,645	13,269	0	0	0	0	0	0	713	561	152	0	0	0	859	723	136	31,486	17,929	13,557
DALLAM	89,128	208,309	-119,181	0	0	0	0	0	0	814	1,819	-1,005	0	0	0	8,088	19,369	-11,281	98,030	229,497	-131,467
DONLEY	20,576	13,662	6,914	0	0	0	42	14	28	748	568	180	0	0	0	1,744	1,500	244	23,110	15,744	7,366
GRAY	26,619	16,576	10,043	5,532	4,334	1,198	2,625	2,118	507	8,837	3,327	5,510	0	0	0	4,932	2,942	1,990	48,545	29,297	19,248
HALL	18,838	13,513	5,325	0	0	0	22	14	8	1,034	805	229	0	0	0	345	316	29	20,239	14,648	5,591
HANSFORD	173,755	89,953	83,802	120	62	58	996	516	480	3,060	1,649	1,411	0	0	0	10,233	6,490	3,743	188,164	98,670	89,494
HARTLEY	46,679	187,855	-141,176	5	5	0	0	0	0	973	1,199	-226	0	0	0	10,998	11,418	-420	58,655	200,477	-141,822
HEMPHILL	6,883	2,929	3,954	1	1	0	0	0	0	2,672	548	2,124	0	0	0	3,454	2,155	1,299	13,010	5,633	7,377
HUTCHINSON	10,654	41,085	-30,431	15,777	31,708	-15,931	487	396	91	4,325	3,576	749	0	0	0	1,314	1,163	151	32,557	77,928	-45,371
LIPSCOMB	30,100	9,613	20,487	120	116	4	125	6	119	1,973	676	1,297	0	0	0	8,605	1,037	7,568	40,923	11,448	29,475
MOORE	39,895	117,386	-77,491	2,809	10,436	-7,627	1,697	1,689	8	1,785	6,622	-4,837	59	213	-154	2,461	6,283	-3,822	48,706	142,629	-93,923
OCHILTREE	104,683	67,743	36,940	0	0	0	618	240	378	4,350	2,634	1,716	0	0	0	10,088	5,450	4,638	119,739	76,067	43,672
OLDHAM	19,599	3,395	16,204	0	0	0	592	364	228	1,117	244	873	0	0	0	5,478	2,685	2,793	26,786	6,688	20,098
POTTER	5,282	5,206	76	7,886	9,757	-1,871	715	462	253	21,836	38,185	-16,349	34,115	34,115	0	1,521	626	895	71,355	88,351	-16,996
RANDALL	27,668	23,484	4,184	892	892	0	23	23	0	22,721	36,778	-14,057	0	0	0	5,651	4,338	1,313	56,955	65,515	-8,560
ROBERTS	17,984	14,879	3,105	0	0	0	27	6	21	606	115	491	0	0	0	789	718	71	19,406	15,718	3,688
SHERMAN	73,471	191,557	-118,086	0	0	0	26	16	10	386	1,016	-630	0	0	0	7,130	17,589	-10,459	81,013	210,178	-129,165
WHEELER	11,698	5,418	6,280	0	0	0	145	79	66	2,877	873	2,004	0	0	0	7,534	2,053	5,481	22,254	8,423	13,831
Grand Total	872,482	1,106,034	-486,365	34,166	58,231	-25,429	9,726	7,310	0	85,239	104,242	-36,613	34,174	34,328	-154	95,064	89,267	-25,982	1,130,851	1,399,412	-563,616

A shortage is determined if the projected demands exceed the supply. The total shortage for a county is based on the difference of the total supply and total demands for the county.

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