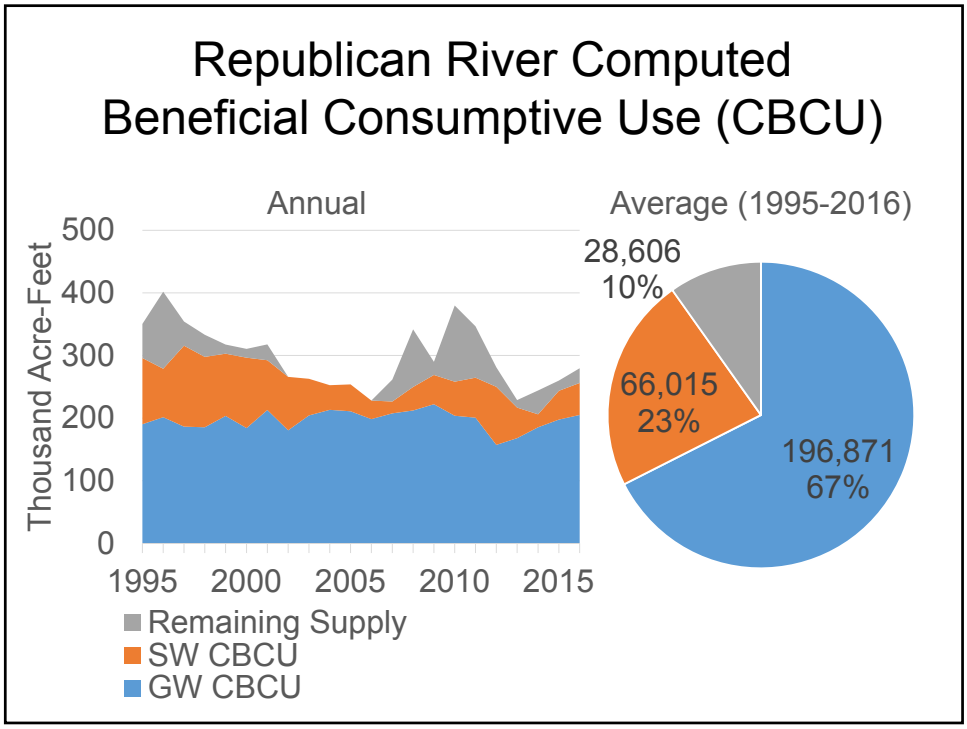
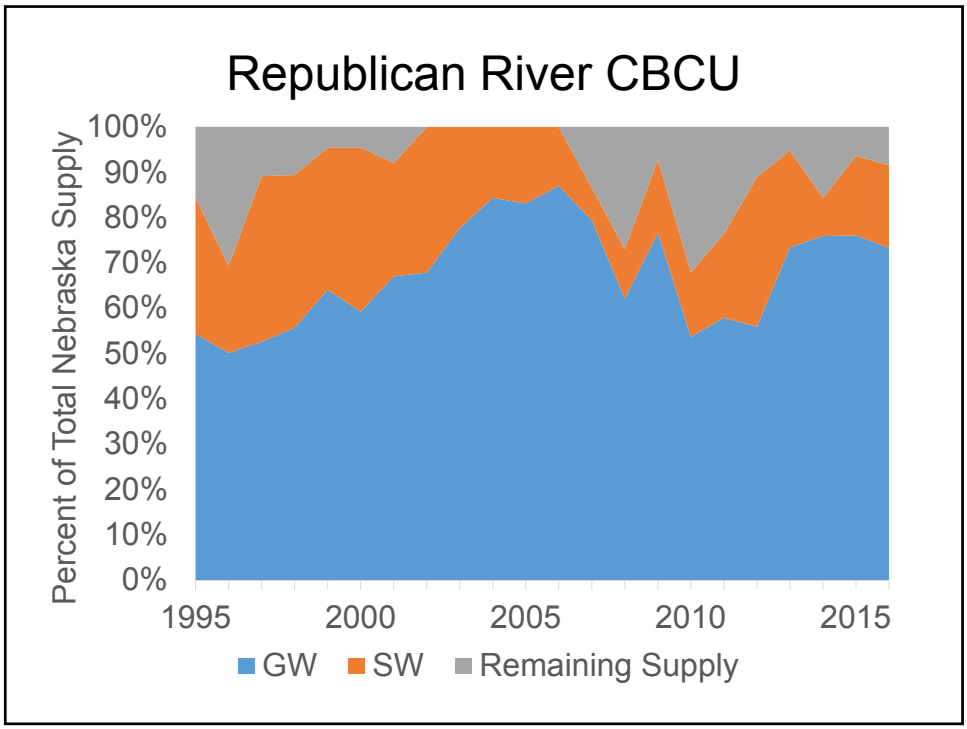

Republican River Computed Beneficial Consumptive Use (CBCU)
Annual
Average (1995-2016)
Thousand Acre-Feet
500
400
300
200
100
0
1995
2000
2005
2010
2015
Remaining Supply
SW CBCU
GW CBCU
28,606
10%
66,015
23%
196,871
67%


Republican River CBCU
Percent of Total Nebraska Supply
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
1995
2000
2005
2010
2015
GW
SW
Remaining Supply

RRCA Accounting Data above Hardy Gage for 1995-2016 (af)												
Year	Computed Water Supply	NE Allocation	NE CBCU	Compact Accounting Groundwater CBCU	NE Imported Water Supply (Mound Credit) from Groundwater Model	NE Surface Water CBCU	NE Allocation Minus CBCU	NE Allocation Plus Imported Water Supply	NE Allocation Minus CBCU, (Plus IWS Credit)	NE Resolution Water Supply Credit	NE Allocation Minus CBCU (Plus IWS & Nebraska Resolution Water Supply Credit)	NE Non-federal Reservoir Evaporation
1995	644,010	332,550	295,880	190,317	17,902	105,563	226,987	350,452	54,572	0	54,572	0
1996	734,040	377,300	278,900	201,532	24,394	77,368	299,932	401,694	122,794	0	122,794	0
1997	644,210	337,700	315,680	186,345	16,434	129,335	208,365	354,134	38,454	0	38,454	0
1998	602,120	315,410	297,750	185,460	17,677	112,290	203,120	333,087	35,337	0	35,337	0
1999	569,030	299,050	302,890	203,488	18,444	99,402	199,648	317,494	14,604	0	14,604	0
2000	549,700	291,920	296,530	184,020	18,656	112,510	179,410	310,576	14,046	0	14,046	0
2001	560,520	299,380	292,320	212,871	18,242	79,449	219,931	317,622	25,302	0	25,302	0
2002	441,480	236,550	265,910	180,438	13,996	85,472	151,078	250,546	-15,364	0	-15,364	0
2003	416,780	227,580	262,780	204,164	9,780	58,616	168,964	237,360	-25,420	0	-25,420	0
2004	364,620	205,630	252,650	213,115	10,380	39,535	166,095	216,010	-36,640	0	-36,640	3,472
2005	361,310	199,450	253,740	210,881	11,966	42,859	-54,290	211,416	-42,324	0	-42,324	2,869

Water-Short Years are highlighted in blue

CBCU = Computed Beneficial Consumptive Use

IWS = Imported Water Supply

af = acre-feet

The Hardy gaged streamflow is used for compact compliance accounting during water-short years and the Guide Rock gaged streamflow is used during

RRCA Accounting Data above Hardy Gage for 1995-2016 (af)												
Year	Computed Water Supply	NE Allocation	NE CBCU	Compact Accounting Groundwater CBCU	NE Imported Water Supply (Mound Credit) from Groundwater Model	NE Surface Water CBCU	NE Allocation Minus CBCU	NE Allocation Plus Imported Water Supply	NE Allocation Minus CBCU, (Plus IWS Credit)	NE Resolution Water Supply Credit	NE Allocation Minus CBCU (Plus IWS & Nebraska Resolution Water Supply Credit)	NE Non-federal Reservoir Evaporation
2006	332,670	187,060	236,150	198,412	12,214	37,719	-49,090	199,274	-36,876	0	-28,785	1,263
2007	429,540	239,510	226,380	207,665	21,933	18,706	13,130	261,443	35,063	0	35,063	2,387
2008	594,750	315,790	249,730	212,314	26,050	37,400	66,060	341,840	92,110	0	92,110	1,940
2009	500,480	267,120	269,000	222,154	22,743	46,857	-1,880	289,863	20,863	0	20,863	1,798
2010	680,990	355,040	258,160	203,807	24,766	54,350	96,880	379,806	121,646	0	121,646	2,945
2011	616,380	323,130	264,520	200,748	23,452	63,755	58,610	346,582	82,062	0	82,062	3,302
2012	499,150	266,320	250,110	157,257	14,765	92,858	16,210	281,085	30,975	0	30,975	3,519
2013	356,310	200,480	216,850	167,951	12,463	48,901	-16,370	212,943	-3,907	15,766	11,859	2,493
2014	293,630	168,970	206,010	185,414	12,981	20,603	-37,040	181,951	-24,059	62,155	38,096	1,989
2015	412,040	223,860	243,530	197,724	17,473	45,820	-19,670	241,333	-2,197	18,698	16,501	1,318
2016	399,830	217,880	256,120	205,086	19,894	51,034	166,846	237,774	-18,346	41,935	23,589	1,414

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RRCA Accounting Data above Guide Rock Gage 1995-2016 (af)													
Year	Computed Water Supply	NE Allocation	NE CBCU	Compact Accounting Groundwater CBCU	NE Groundwater Impacts from Groundwater Model	NE Imported Water Supply (Mound Credit) from Groundwater Model	NE Surface Water CBCU	NE Allocation Minus CBCU	NE Allocation Plus Imported Water Supply	NE Allocation Minus CBCU, (Plus IWS Credit)	NE Resolution Water Supply Credit	NE Allocation Minus CBCU (Plus IWS & Nebraska Resolution Water Supply Credit)	NE Non-federal Reservoir Evaporation
1995	592,333	307,280	293,975	188,412	188,412	17,902	105,563	201,717	325,182	31,207	0	31,207	0
1996	679,364	350,564	277,024	199,656	199,656	24,394	77,368	273,196	374,958	97,934	0	97,934	0
1997	610,129	321,035	313,850	184,515	184,515	16,434	129,335	191,700	337,469	23,619	0	23,619	0
1998	559,528	294,582	296,024	183,734	183,734	17,677	112,290	182,292	312,259	16,235	0	16,235	0
1999	525,094	277,565	301,097	201,695	201,695	18,444	99,402	178,163	296,009	-5,088	0	-5,088	0
2000	536,270	285,353	293,477	182,094	182,094	18,656	111,383	173,970	304,009	10,532	0	10,532	0
2001	508,678	274,029	289,531	210,863	210,863	18,242	78,668	195,361	292,271	2,740	0	2,740	0
2002	423,256	227,638	262,680	178,603	178,603	13,996	84,077	143,561	241,634	-21,046	0	-21,046	0
2003	392,943	215,924	259,050	201,606	201,606	9,780	57,444	158,480	225,704	-33,346	0	-33,346	0
2004	339,361	193,278	249,751	210,733	210,733	10,380	39,018	154,260	203,658	-46,093	0	-46,093	3,132
2005	351,931	194,864	249,689	207,925	207,925	11,965	41,764	-54,825	206,829	-42,860	0	-42,860	2,732

Water-Short Years are highlighted in blue

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af = acre-feet

The Hardy gaged streamflow is used for compact compliance accounting during water-short years and the Guide Rock gaged streamflow is used during non-water-short years

RRCA Accounting Data above Guide Rock Gage 1995-2016 (af)													
Year	Computed Water Supply	NE Allocation	NE CBCU	Compact Accounting Groundwater CBCU	NE Groundwater Impacts from Groundwater Model	NE Imported Water Supply (Mound Credit) from Groundwater Model	NE Surface Water CBCU	NE Allocation Minus CBCU	NE Allocation Plus Imported Water Supply	NE Allocation Minus CBCU, (Plus IWS Credit)	NE Resolution Water Supply Credit	NE Allocation Minus CBCU (Plus IWS & Nebraska Resolution Water Supply Credit)	NE Non-federal Reservoir Evaporation
2007	395,736	224,584	223,013	204,728	204,728	21,939	18,531	1,571	246,523	23,510	0	23,510	2,224
2008	558,366	300,032	247,110	210,027	210,027	26,056	39,696	52,922	326,088	78,978	0	78,978	1,793
2009	483,357	260,263	266,204	219,909	219,909	22,765	44,264	-5,941	283,028	16,824	0	16,824	1,589
2010	632,992	333,799	255,225	201,313	201,313	24,768	54,350	78,574	358,567	103,342	0	103,342	2,765
2011	562,258	298,239	261,692	198,539	198,539	23,475	61,336	36,547	321,714	60,022	0	60,022	3,058
2012	486,905	261,335	246,552	154,946	154,946	14,786	94,864	14,783	276,121	29,569	0	29,569	3,220
2013	341,455	193,881	213,851	165,639	165,639	12,486	47,477	-19,970	206,367	-7,484	15,766	8,282	2,443
2014	280,737	163,296	203,675	183,502	183,502	13,006	20,021	-40,379	176,302	-27,373	62,155	34,782	1,922
2015	343,564	191,417	240,590	195,389	195,389	17,497	44,019	-49,172	208,914	-31,675	18,698	-12,977	1,304
2016	373,495	206,195	253,362	202,853	202,853	19,907	50,509	155,686	226,102	-27,260	41,935	14,675	1,380

Water-Short Years are highlighted in blue

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