

RRCA
Compact Accounting without non-federal reservoir evaporation below Harlan County

Table 1: Annual Virgin and Computed Water Supply, Allocations, and Computed Beneficial Consumptive Uses by State, Main Stem, and Sub-Basin

2006 Basin	Virgin Water Supply	Computed Water Supply	Allocations				Computed Beneficial Consumptive Use			
			Colorado	Kansas	Nebraska	Unallocated	Colorado	Kansas	Nebraska	Nebraska
North Fork	41,200	41,200	9,230	0	10,140	21,830	17,470	10	4,210	
Arikaree	1,770	1,770	1,390	90	300	-10	1,120	120	130	
Buffalo	5,490	5,490	Provisional Information							
Rock	9,340	9,340	Under Review							
South Fork	18,390	20,790	U	U	290	2,910	15,060	4,690	1,040	
Frenchman	101,870	102,370	U	U	54,870	47,500	40	0	79,720	
Driftwood	3,140	3,140	0	220	510	2,410	0	10	1,420	
Red Willow	13,240	20,340	0	0	3,910	16,430	0	0	8,110	
Medicine	33,600	36,600	0	0	3,330	33,270	0	0	20,380	
Beaver	7,010	7,010	1,400	2,720	2,850	40	0	3,170	3,540	
Sappa	-860	-860	0	-350	-350	-160	0	-1,630	1,070	
Prairie Dog	8,000	8,200	0	3,750	620	3,830	0	8,040	30	
Main Stem	59,180	69,780	0	35,660	34,120	0	-3,010	40,740	101,440	
Total All Basins	301,370	325,170	21,250	50,450	116,140	137,330	31,060	55,150	228,450	
Main Stem Including Unallocated		207,110	0	105,840	101,270					
Total	301,370	325,170	21,250	120,630	183,290	0	31,060	55,150	228,450	

Preliminary Data consisting of first run model data using Appendix C methods, Colorado & Kansas data from 2005, Harlan Evap charged to KS
Negative numbers represent the residual accounting impacts from groundwater well pumping. Reference RRCA accounting user's manual for comprehensive explanation.

Table 2: Original Compact Virgin Water Supply and Allocations

Basin	Virgin Water Supply	Colorado Allocation	% of Basin Supply	Kansas Allocation	% of Basin Supply	Nebraska Allocation	% of Basin Supply	Unallocated	% of Basin Supply
North Fork	44,700	10,000	22.4%			11,000	24.6%	23,700	53.0%
Arikaree	19,610	15,400	78.5%	1,000	5.1%	3,300	16.8%	-90	-0.4%
Buffalo	7,890					2,600	33.0%	5,290	67.0%
Rock	11,000					4,400	40.0%	6,600	60.0%
South Fork	57,200	25,400	44.4%	23,000	40.2%	800	1.4%	8,000	14.0%
Frenchman	98,500					52,800	53.6%	45,700	46.4%
Driftwood	7,300			500	6.9%	1,200	16.4%	5,600	76.7%
Red Willow	21,900					4,200	19.2%	17,700	80.8%
Medicine	50,800					4,600	9.1%	46,200	90.9%
Beaver	16,500	3,300	20.0%	6,400	38.8%	6,700	40.6%	100	0.6%
Sappa	21,400			8,800	41.1%	8,800	41.1%	3,800	17.8%
Prairie Dog	27,600			12,600	45.7%	2,100	7.6%	12,900	46.7%
Tributaries Sub-Total	384,000							175,500	
Main Stem	94,500								
Main Stem + Unallocated	270,000			138,000	51.1%	132,000	48.9%		
Total	478,900	54,100		190,300		234,500			

Table 3A: Colorado's Five-Year Average Allocation and CBCU

Year	Allocation	Computed Beneficial Consumptive Use	Imported Water Supply Credit	Allocation - (CBCU - IWS Credit)
2003	21,420	33,470	NA	(12,050)
2004	21,540	33,670	NA	(12,130)
2005	21,250	31,060	NA	(9,810)
2006			NA	
2007			NA	
Average	21,400	32,730		(11,330)

Sum (33,990)

Table 3B: Kansas's Five-Year Average Allocation and CBCU

Year	Allocation	Computed Beneficial Consumptive Use	Imported Water Supply Credit	Allocation - (CBCU - IWS Credit)
2003	167,780	48,910	NA	118,870
2004	137,450	38,120	NA	99,330
2005	120,630	55,150	NA	65,480
2006			NA	
2007			NA	
Average	141,950	47,390		94,560

Sum 283,680

Preliminary Data consisting of first run model data using Appendix C, CO&KS data from 2005, Harlan Evap charged to KS

Table 3C: Nebraska's Five-Year Average Allocation and CBCU

Year	Allocation	Computed Beneficial Consumptive Use	Imported Water Supply Credit	Allocation - (CBCU - IWS Credit)
2003	227,580	262,780	9,780	(25,420)
2004	205,630	252,650	10,380	(36,640)
2005	198,940	252,690	11,965	(41,785)
2006	183,290	228,450	12,189	(32,971)
2007				Provisional Information Under Review
Average	203,860	249,140	11,080	(34,200)

Sum (136,816)