

Sheet1

ESTIMATED CONSUMPTIVE USE OF COLORADO RIVER WATER BY STATES AND MEXICO – 2020 and Post-2026							
All quantities are from USBR reports; all quantities in million acre-feet or percents (rounding makes some totals a little off)							
USBR 1930-2000 average for river flow = 14.6 maf. For consumptive use by Upper Basin states = 4.6 maf							
'Prop Share' = Authorized allotment minus share of system losses, <i>proportionate to each state's use of water.</i>							
System Losses (SL): 700 kaf upper basin, 1.5 maf lower basin							
Authorities: Colorado River Compact (CRC), Upper Colorado River Compact (UCRC), Boulder Canyon Act (BC), Supreme Court (SC)							
ENTITIES	Authority	Authorized Allotment	Real Allotment – Prop Shares	Recorded Use Av 2016-20	% of Auth Share Used	% of 14.6 CR used	Allot by % of 12.5 CR
UPPER BASIN STATES	CRC	7.50	4.60-0.70SL=3.90				
Arizona	UCRC	0.05	0.05	0.03	52	--	0.03
Colorado (51.75% of UB water)	UCRC	3.86	2.38-0.36SL=2.02	2.28	113	16	2.00
New Mexico (11.25% of UB water)	UCRC	0.83	0.52-0.79SL=0.44	0.41	93	3	0.38
Utah (23% of UB water)	UCRC	1.72	1.13-0.16SL=0.97	1.01	104	7	0.87
Wyoming (13% of UB water)	UCRC	1.04	0.59-0.09SL=0.51	0.42	82	3	0.37
TOTAL CONSUMPTIVE USE UB		7.50	3.90	4.15	92	28	3.65
Half of Mexican Share	CRC/Treaty	surplus flow	0.75-0.05SL=0.70	0.70	93	5	0.63
System Losses		surplus flow	(figured in above)	(figured in)		(figured in)	
CRC Bal for LB (2016-20 av 9.03)	CRC		3.65	3.40		23	2.87
TOTAL to LB		7.50	4.60-0.70SL=3.9	8.25			7.15
LOWER BASIN (2020 use figures)	CRC	7.50	7.50-1.50SL=6.00	6.79			
Arizona (37% of LB share)	BCA/SC	2.80	2.80-0.55SL=2.25	2.47	109	17	2.13
California (59% of LB share)	BCA/SC	4.40	4.40-0.89SL=3.52	4.06	115	28	3.50
Nevada (4% of LB share)	BCA/SC	0.30	0.30-0.06SL=0.24	0.26	108	2	0.25
TOTAL CONS USE 3 LB STATES	CRC	7.50	6.01	6.79		47	5.88
Half of Mexican Share	CRC/Treaty	surplus	0.75-.05SL=0.70	0.70		5	0.63
System Losses/Structural Deficit		surplus		1.50			1.50
TOTAL LB CONSUMPTIVE USE		7.50		8.99	108		8.01
MEXICO	CRC/T	1.50	1.50-0.10SL=1.40				1.36