

**Table 6.16  
Comparison of Winter Period Conditions for All Alternatives and Phases**

**Year 2030, 1942-95 Averages**

Alternative	Winter Releases From Caballo		Winter Flow into American Dam		Average Winter Concentration at Lower Valley WTPs (Excluding Droughts)		Estimated Winter Losses
	(cfs)	(AF/winter)	(cfs)	(AF/winter)	TDS (mg/L)	Sulfate (mg/L)	(AF/winter)
A/B	230	55,000	260	62,000	1,120	420	76,000
C	200	47,000	210	50,000	1,160	430	64,000
D	200	47,000	210	50,000	1,170	430	64,000
E	430	103,000	460	111,000	840	320	103,000

**Year 2020, 1942-95 Averages**

Alternative	Winter Releases From Caballo		Winter Flow into American Dam		Average Winter Concentration at Lower Valley WTPs (Excluding Droughts)		Estimated Winter Losses
	(cfs)	(AF/winter)	(cfs)	(AF/winter)	TDS (mg/L)	Sulfate (mg/L)	(AF/winter)
A/B	230	54,000	240	58,000	1,130	430	67,000
C	190	46,000	190	46,000	1,180	440	55,000
D	190	46,000	190	46,000	1,180	440	55,000
E	450	106,000	480	114,000	840	310	106,000

**Year 2010, 1942-95 Averages**

Alternative	Winter Releases From Caballo		Winter Flow into American Dam		Average Winter Concentration at Lower Valley WTPs (Excluding Droughts)		Estimated Winter Losses
	(cfs)	(AF/winter)	(cfs)	(AF/winter)	TDS (mg/L)	Sulfate (mg/L)	(AF/winter)
A/B	240	56,000	240	58,000	1,140	430	65,000
C	200	49,000	190	46,000	1,180	440	54,000
D	200	49,000	190	46,000	1,180	440	54,000
E	450	107,000	470	113,000	820	310	114,000

**Note:** For Alternative E, minor differences (several thousand acre-feet) in estimated releases and flows between demand levels are related to differences in water quality concentrations achieved at the Lower Valley Water Treatment Plants. For example, water quality available for diversion at the Lower Valley Water Treatment Plants is slightly better under the 2010 and 2020 demand conditions than under the 2030 demand condition. This is a consequence of the point at which the iterative process in the Linked Model is stopped. The target sulfate water quality target for Alternative E was set to +/- 5% of 300 mg/L (285-315 mg/L).