

# DRAFT

## Appendix 2

### American River

To improve migration, spawning, incubation, rearing, and outmigration conditions in the lower American River, increase minimum flow releases from Nimbus Dam to flow objectives in the following table.

Preliminary Flow Objectives (cfs)<sup>1</sup>  
April 1, 1996 through March 31, 1997

<u>Month</u>	
Apr-May	4500 <sup>a</sup>
June	3000 <sup>a</sup>
July	2500 <sup>b</sup>
August	2000 <sup>b</sup>
September	1500 <sup>b</sup>
October <sup>2</sup>	2500 <sup>c</sup>
Nov-Dec <sup>2</sup>	2500 <sup>c</sup>
Jan-Feb	2500 <sup>c</sup>
March	4500 <sup>a</sup>

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<sup>1</sup>Discharge measured at H-Street Bridge. Flows primarily for salmonids.

<sup>a</sup>Recommended flows to provide appropriate juvenile rearing habitat availability and outmigration flows, and temperature control during May and June (i.e., maintain mean monthly river water temperatures below 65°F at H-Street).

<sup>b</sup>Recommended flows to provide some thermal protection (i.e., maintain mean monthly river temperatures at or below 70°F) for resident steelhead juveniles.

<sup>2</sup>Minimum flows for October 1 through December 31, 1996 will be based on the water year type for 1996 and reservoir storage conditions as of September 30, 1996. To be responsive to changing hydrologic conditions, flows may be ramped up or down in cooperation with CDFG and USBR, beginning January 1, 1997.

<sup>c</sup>Flows needed for chinook salmon spawning. The 2500 cfs flow recommendation approaches the maximum release rate that can be sustained throughout this and subsequent months without exceeding water availability.