

Action: Reclamation shall operate releases from the East Side Division reservoirs to achieve a minimum flow schedule as prescribed in NMFS BiOp Appendix 2-E and generally described in figure 11-1. When operating at higher flows than specified, Reclamation shall implement ramping rates for flow changes that will avoid stranding and other adverse effects on CV steelhead.

5.A.A.7.6.2.1 Action 3.1.3 Assumptions for CalSim II Modeling Purposes

Action: Minimum flows based on Appendix 2-E flows (presented in Figure 5.A.A.7-1) are assumed consistent to what was modeled by NMFS (5/14/09 and 5/15/09 CalSim II models provided by NMFS; relevant logic merged into baselines models).

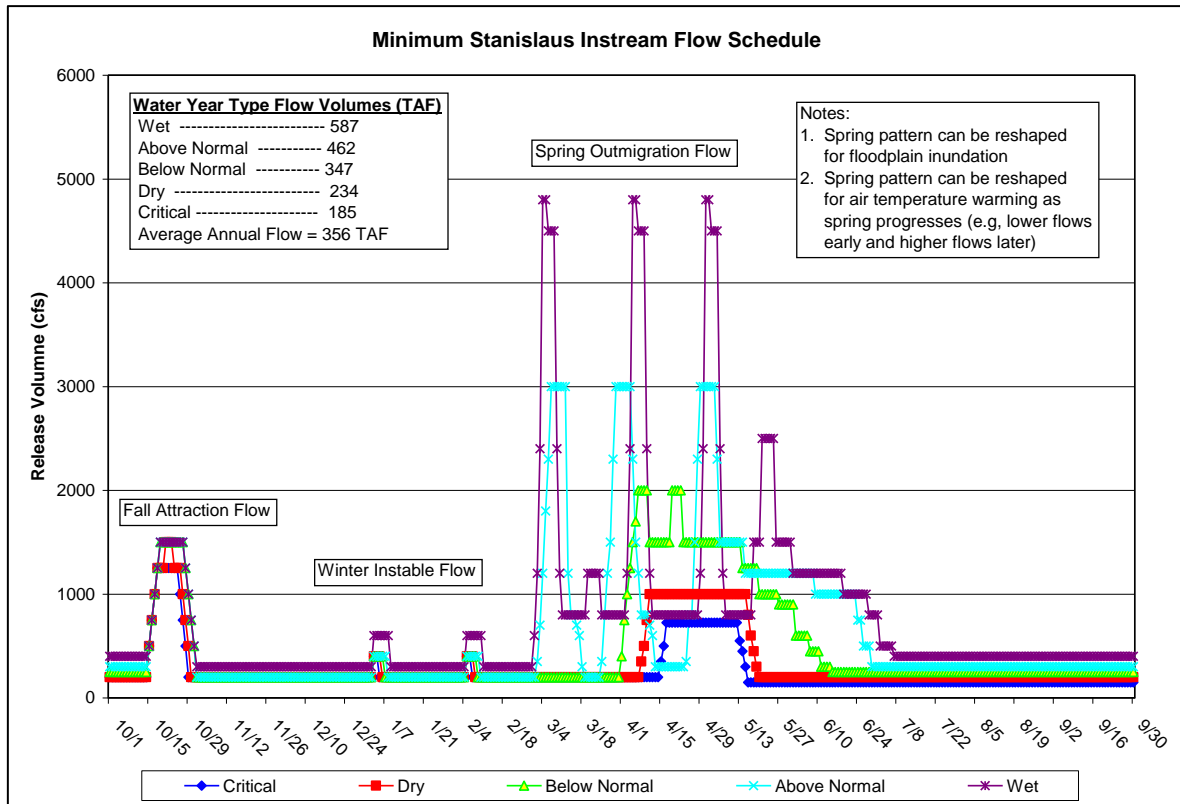


Figure 5.A.A.7-1 Minimum Stanislaus instream flow schedule as prescribed in Appendix 2-E of the NMFS BiOp (06/04/09)

Annual allocation in New Melones is modeled to ensure availability of required instream flows (Table 5.A.A.7-3) based on a water supply forecast that is comprised of end-of-February New Melones storage (in TAF) plus forecasted inflow to New Melones from **March 1 to September 30** (in TAF). **The “forecasted inflow” is calculated using perfect foresight in the model.** Allocated volume of water is released according to water year type following the monthly flow schedule illustrated in Figure 5.A.A.7-1.