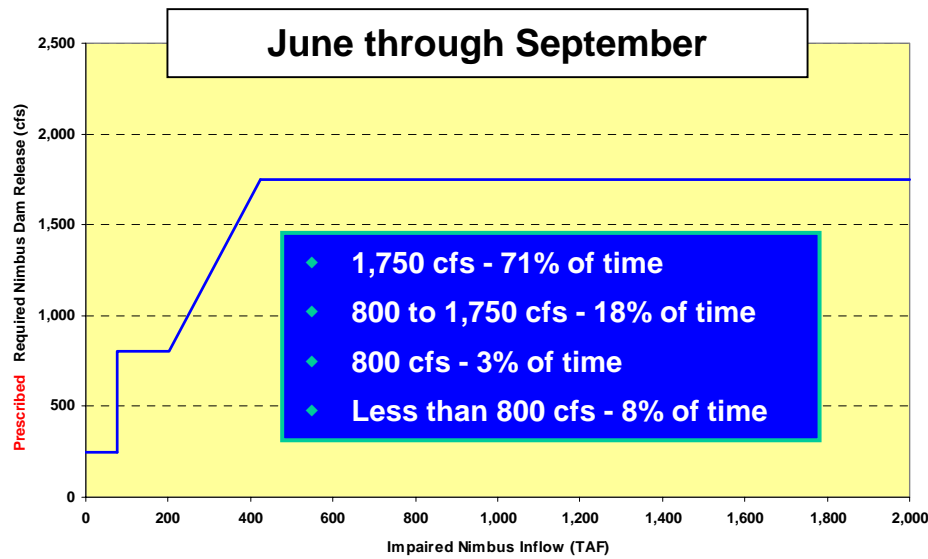
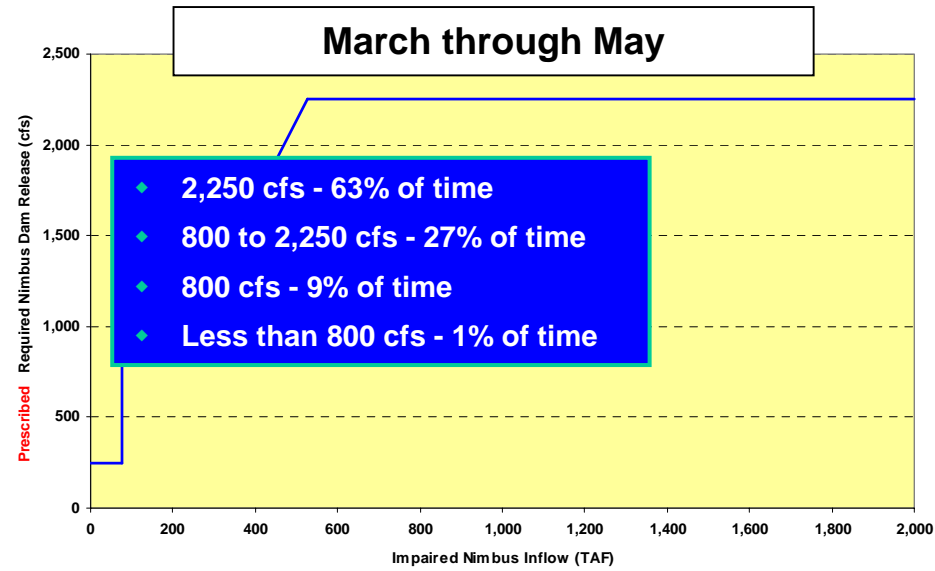
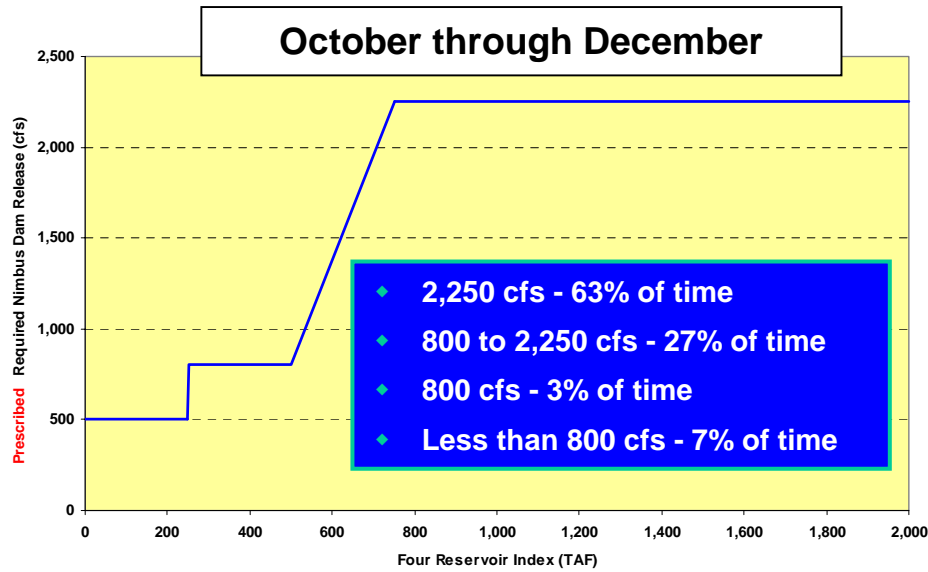


Probability of Occurrence of FMS Required Flows

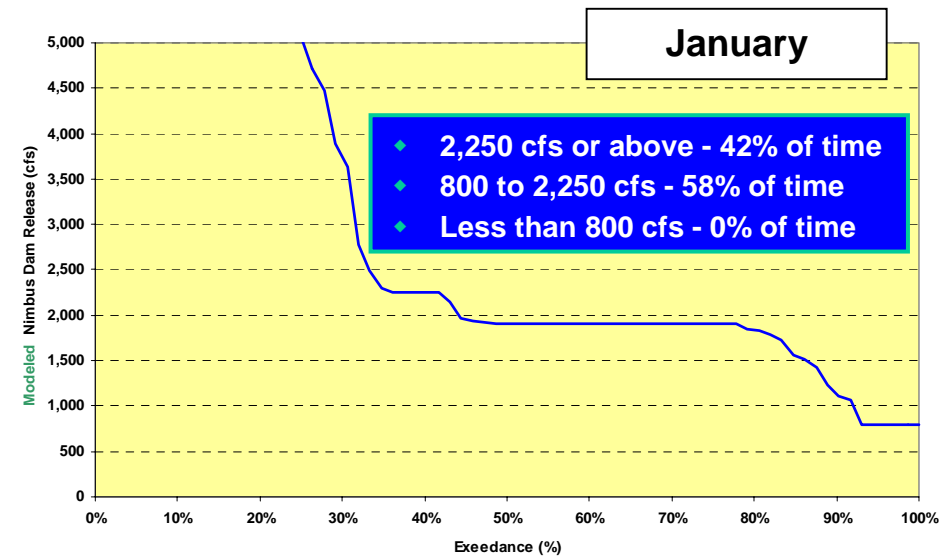
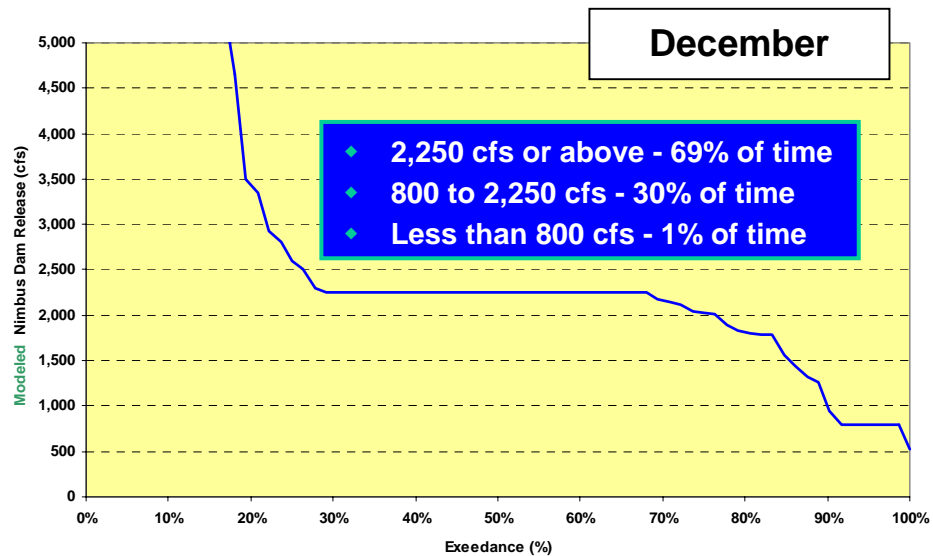
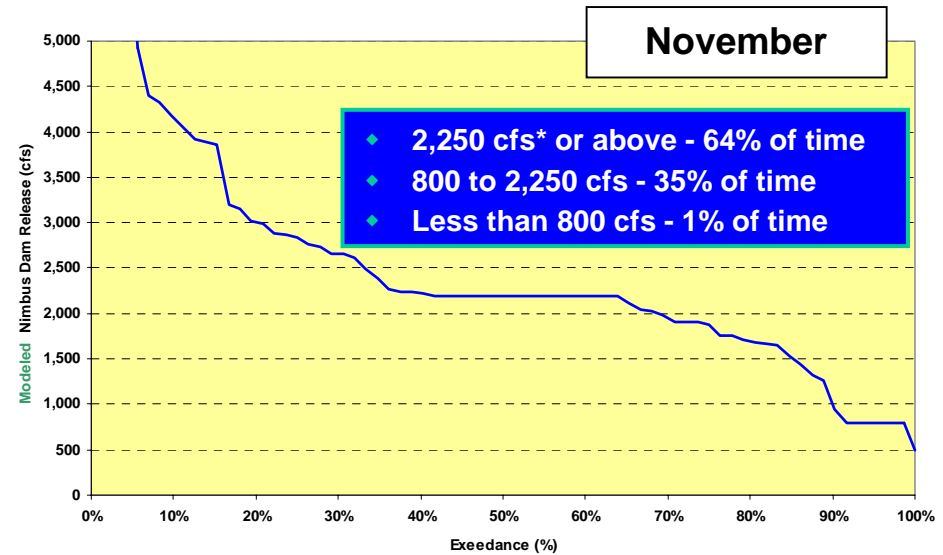
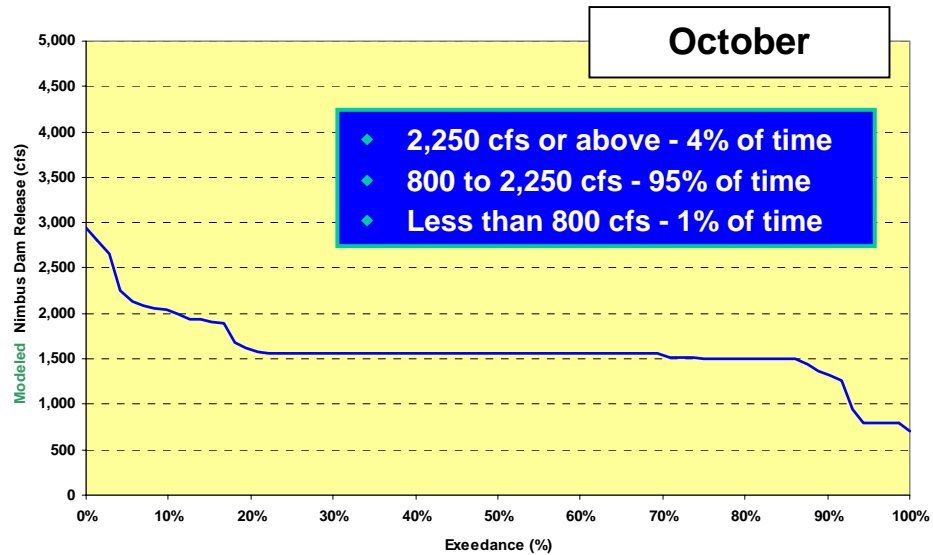


Basis for FMS Required Flows During January and February: 800 - 2,250 cfs

Sacramento River Index			
When ¹:	SRI < 10.2 MAF (Critical)	10.2 MAF < SRI < 15.7 MAF (Dry or Below Normal)	SRI > 15.7 MAF (Above Normal or Wet)
Then:	Reduce	Maintain	Maximize
Required Flows	85% of Previous Month FMS Required Flows, But Not Less Than 800 cfs	Previous Month FMS Required Flows	2,250 cfs

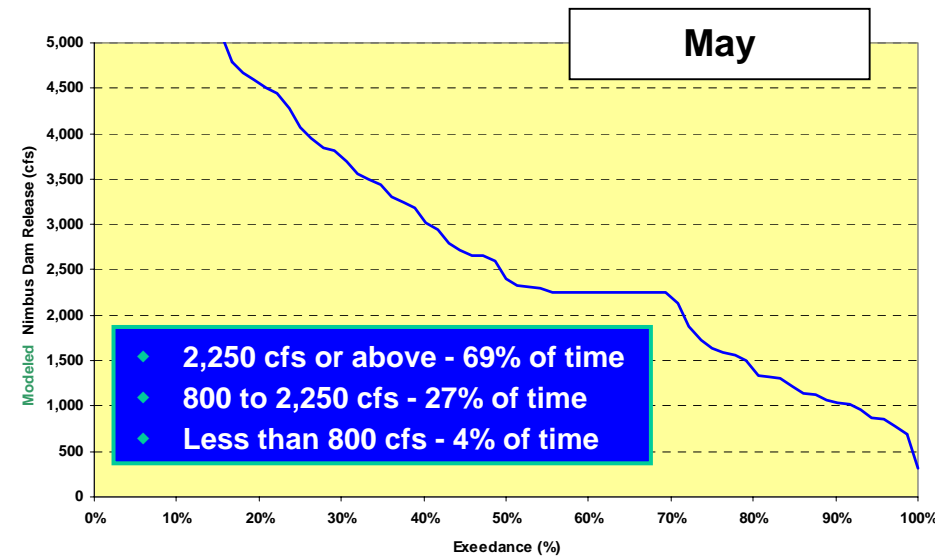
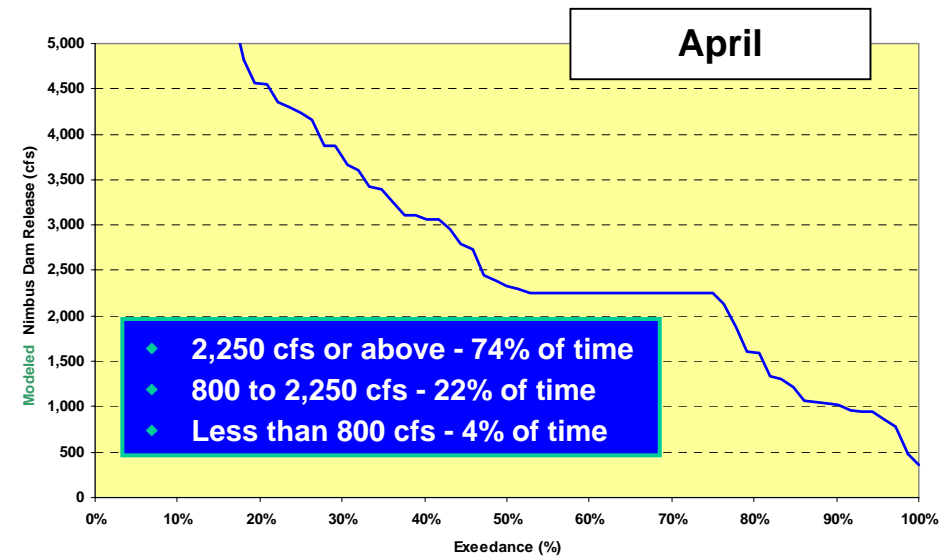
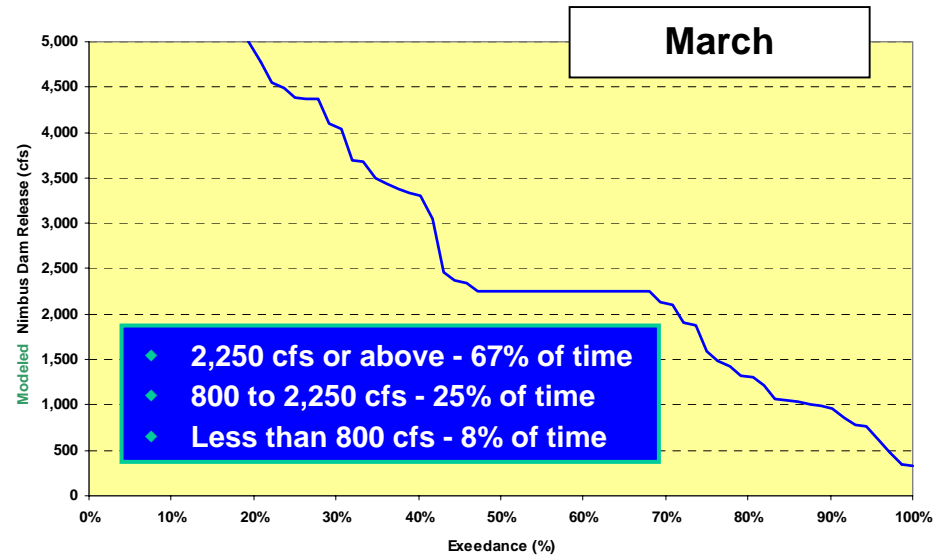
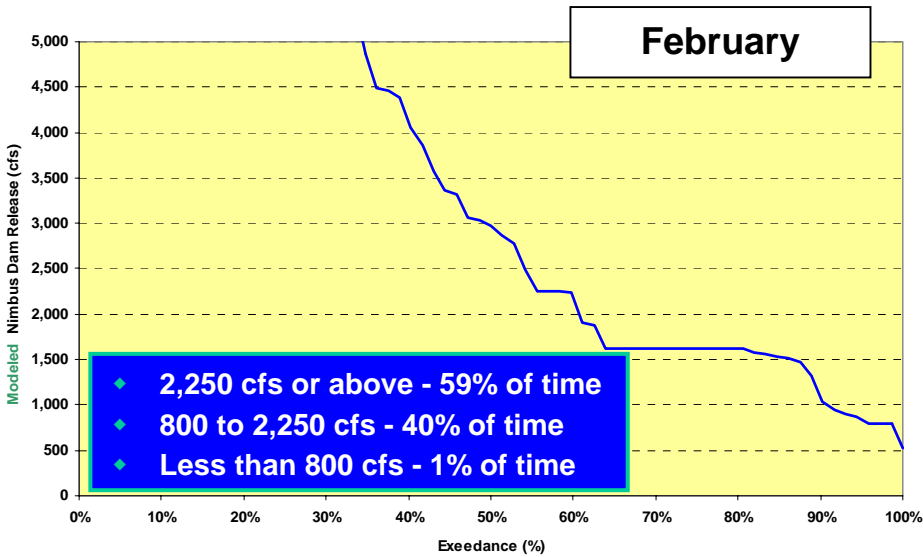
¹ **Sacramento River Index - DWR 75% exceedance forecast on first of current month.**

FMS Modeled Nimbus Dam Release

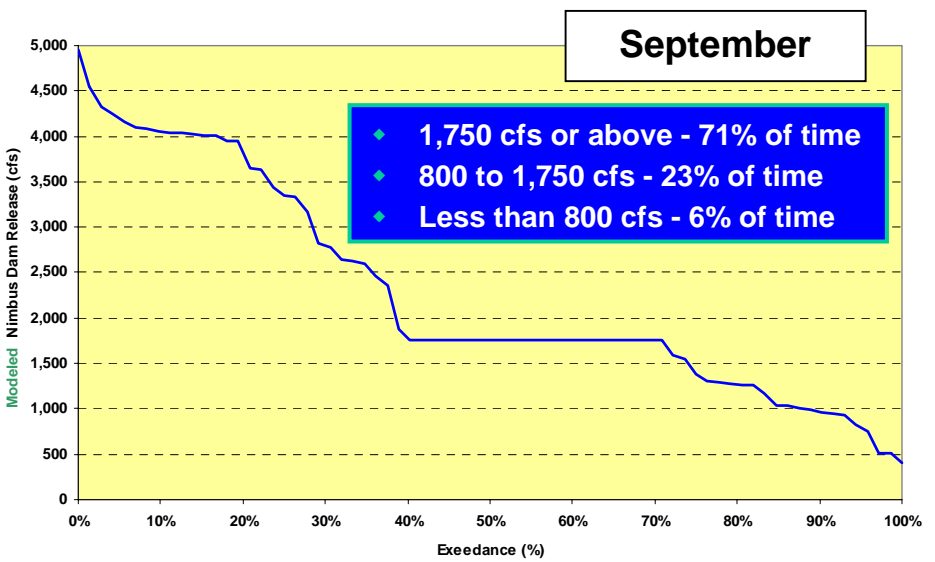
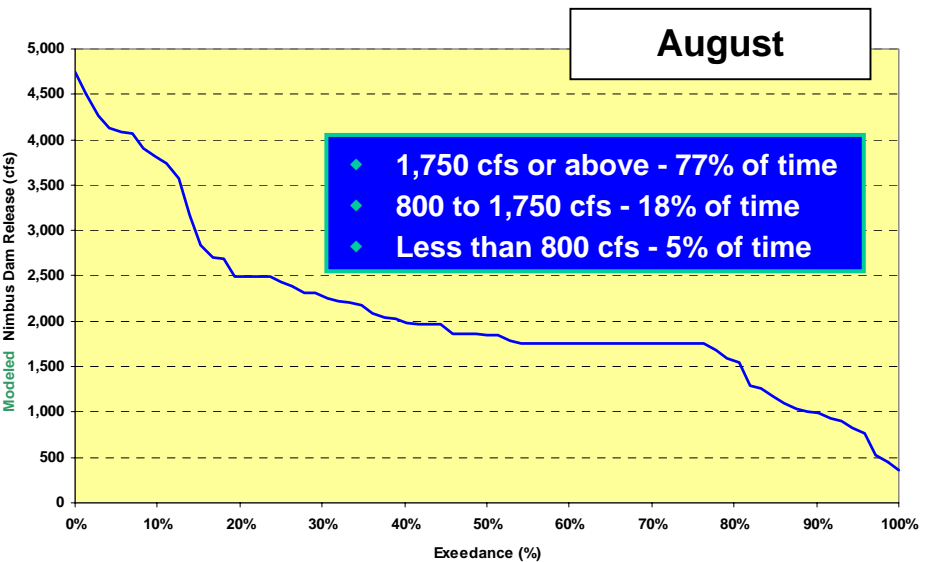
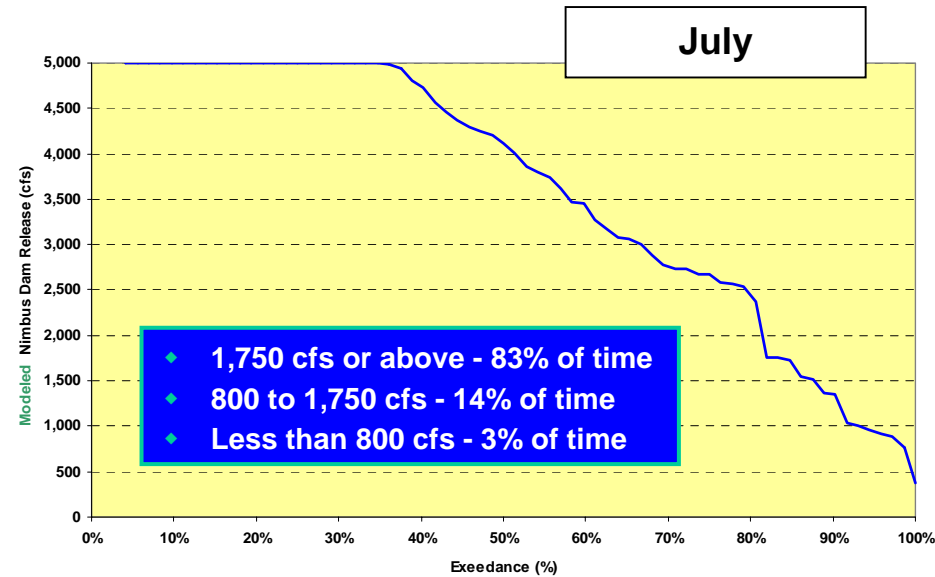
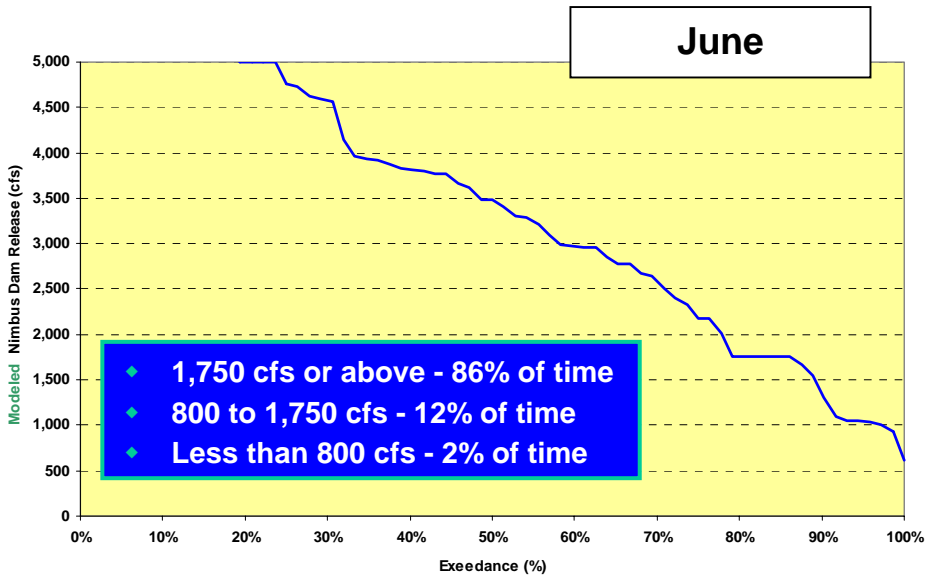


* Actual flow value is 2,192 cfs due to the "stepping up" of required flows into early November.

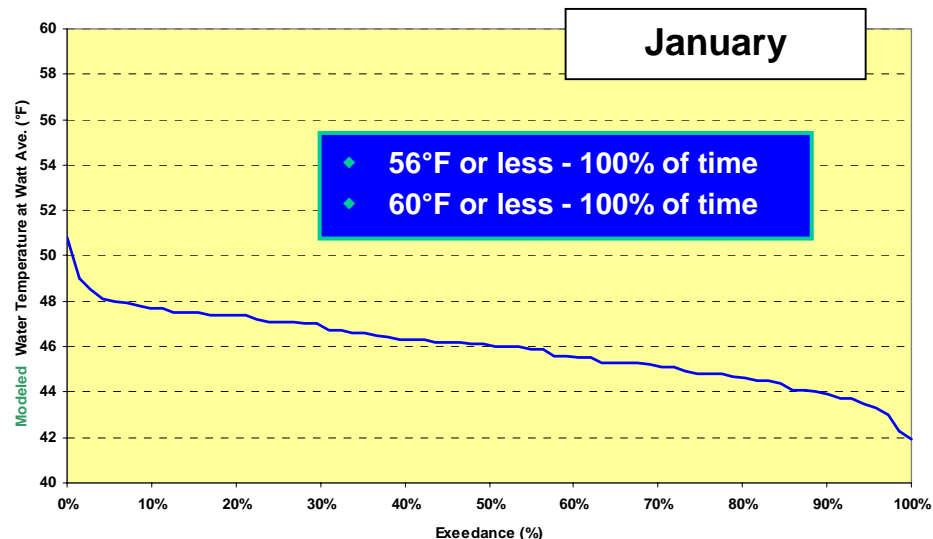
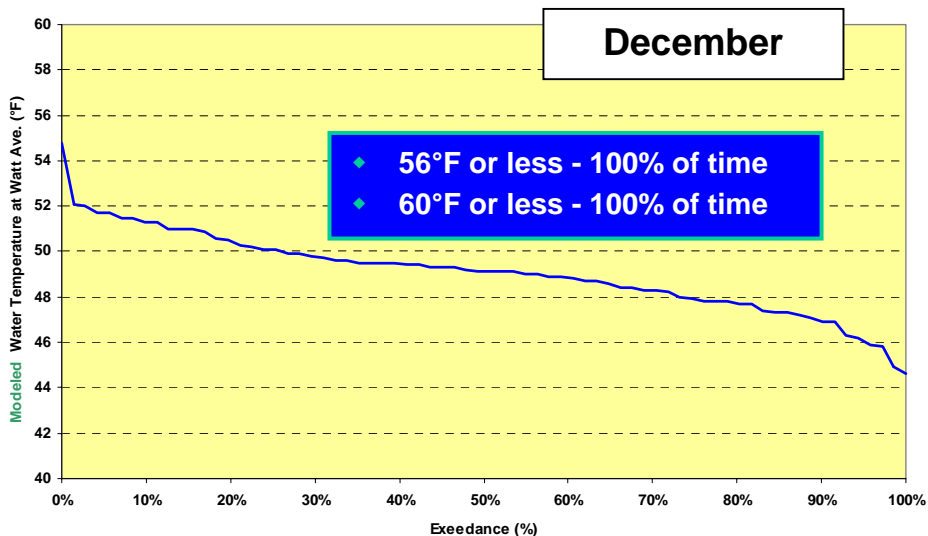
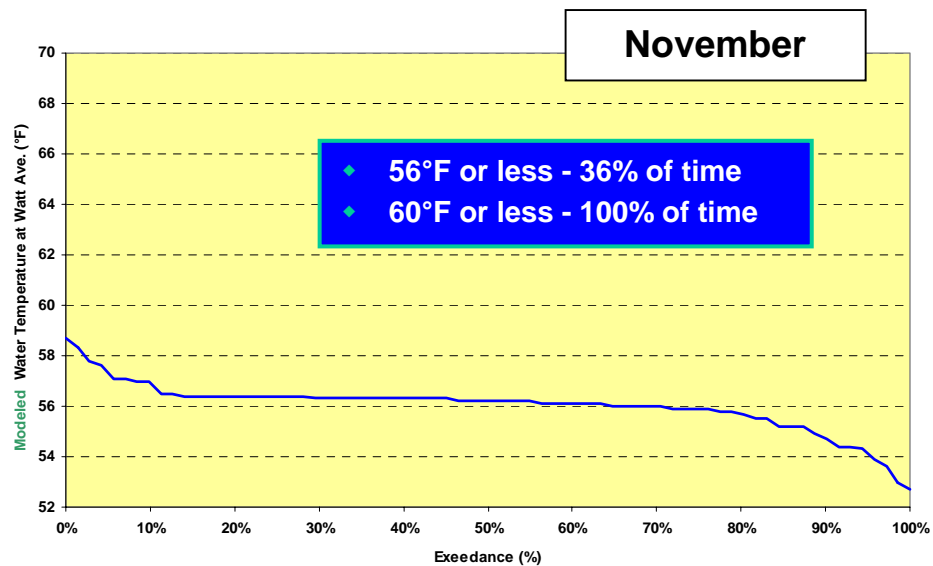
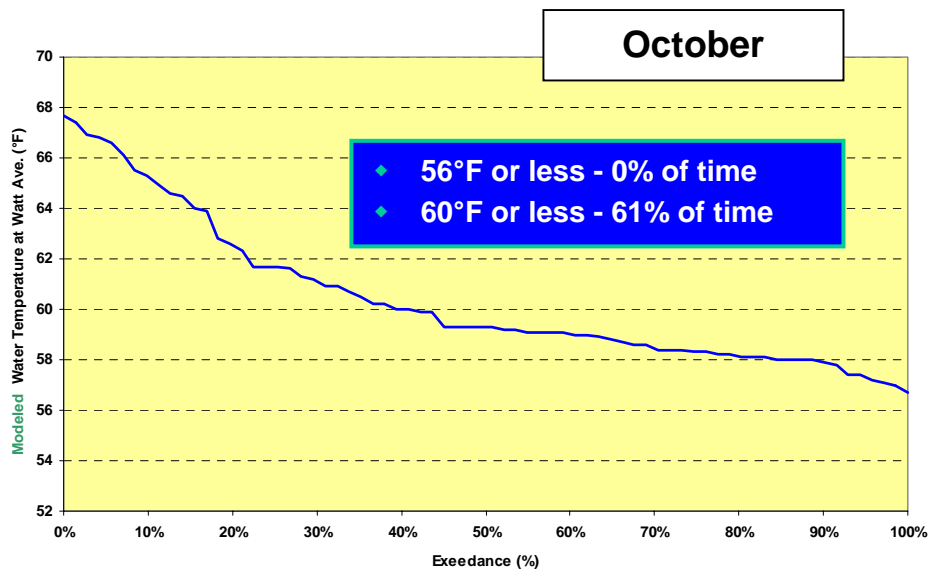
FMS Modeled Nimbus Dam Release



FMS Modeled Nimbus Dam Release

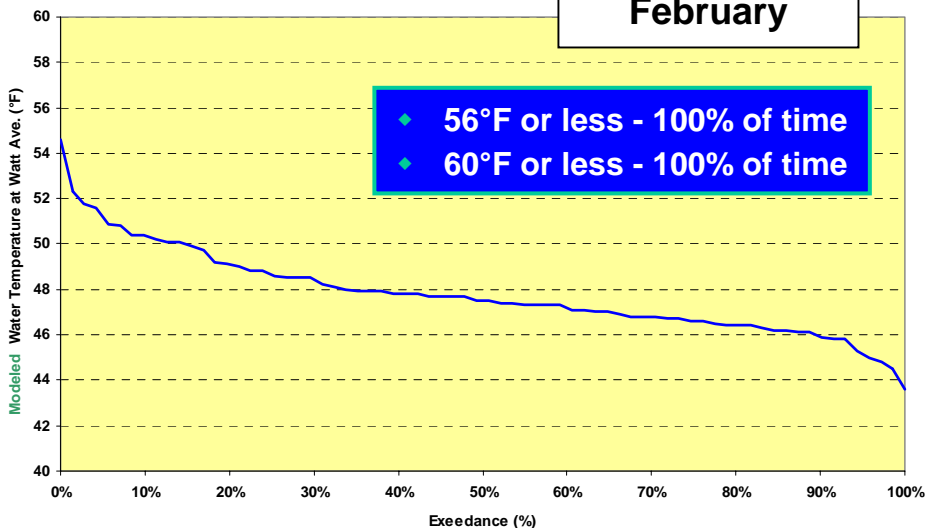


FMS Modeled Watt Avenue Water Temperatures

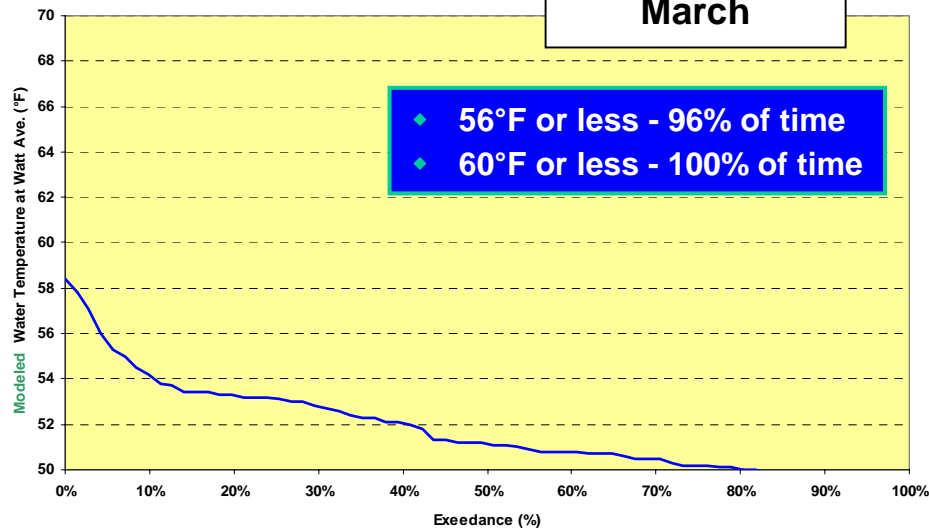


FMS Modeled Watt Avenue Water Temperatures

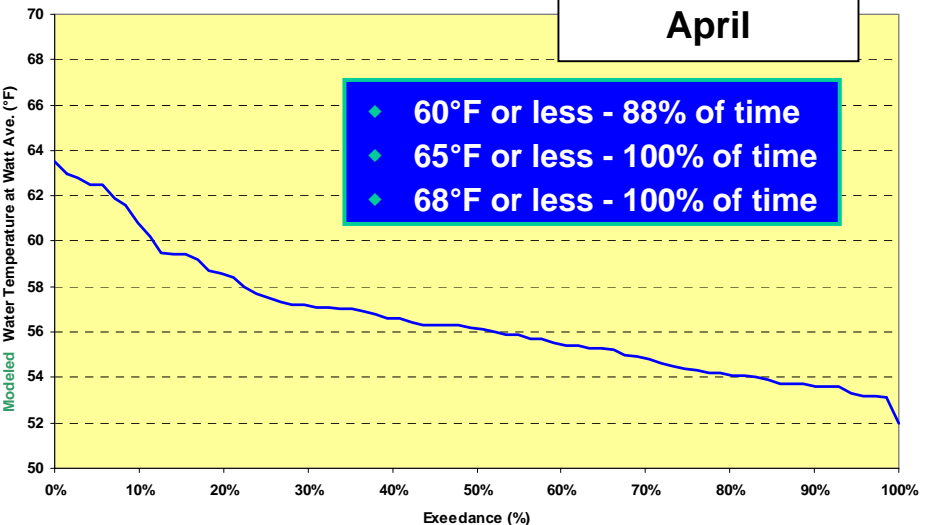
February



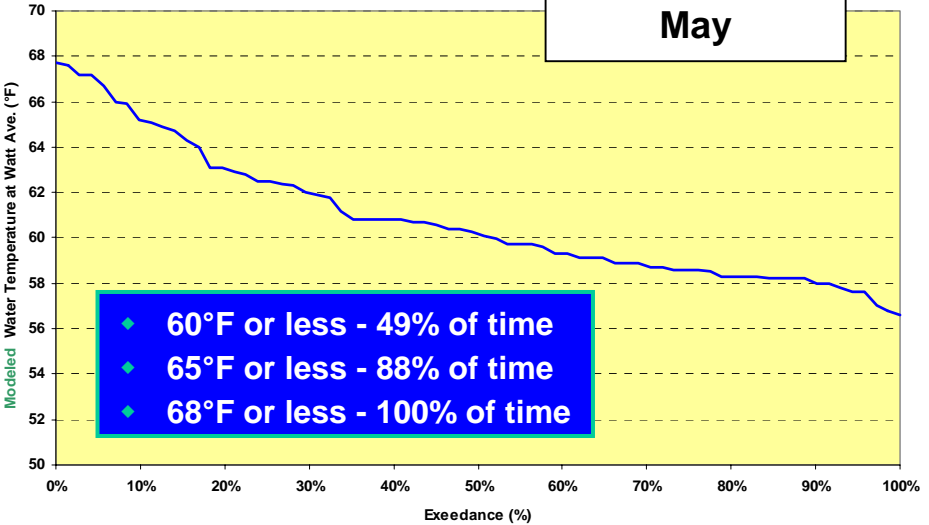
March



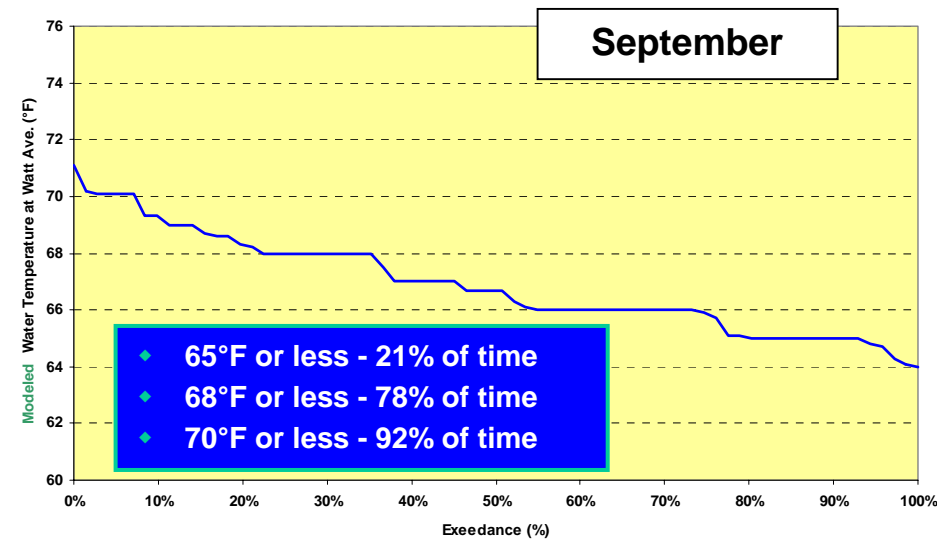
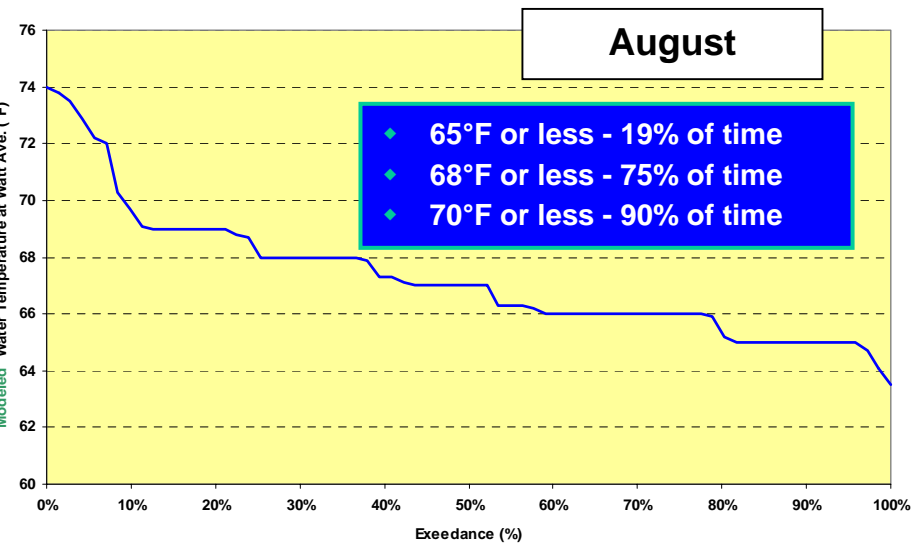
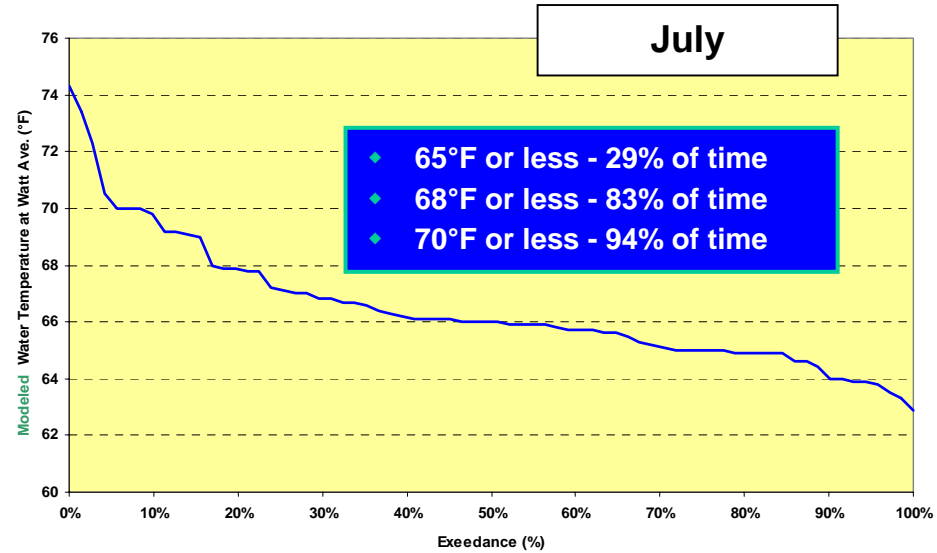
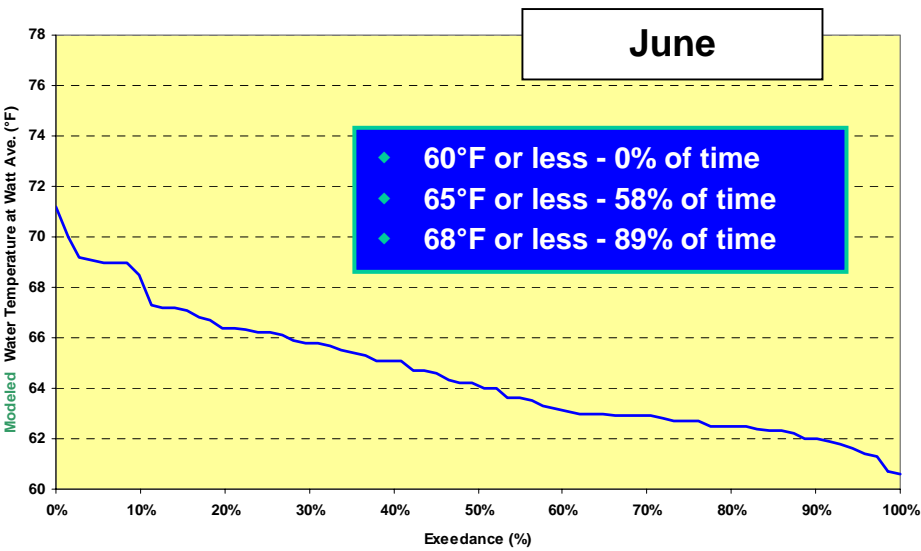
April



May

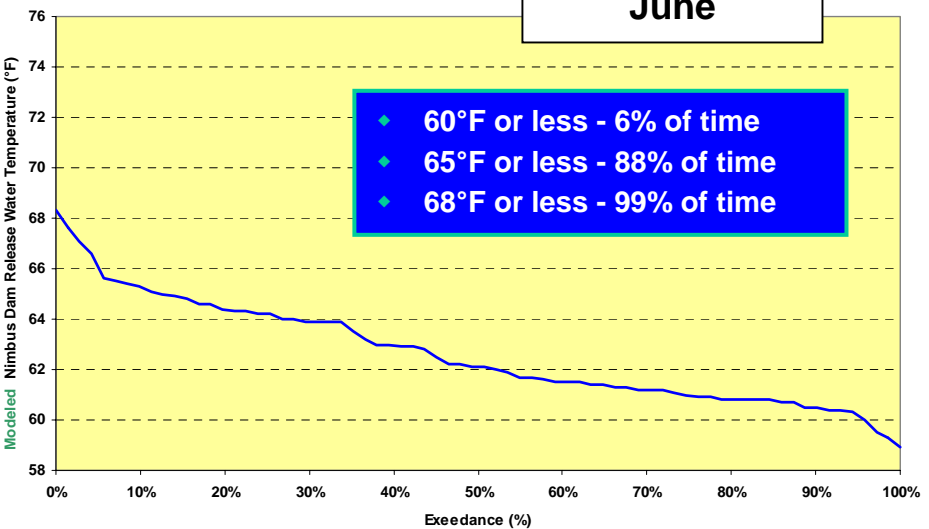


FMS Modeled Watt Avenue Water Temperatures

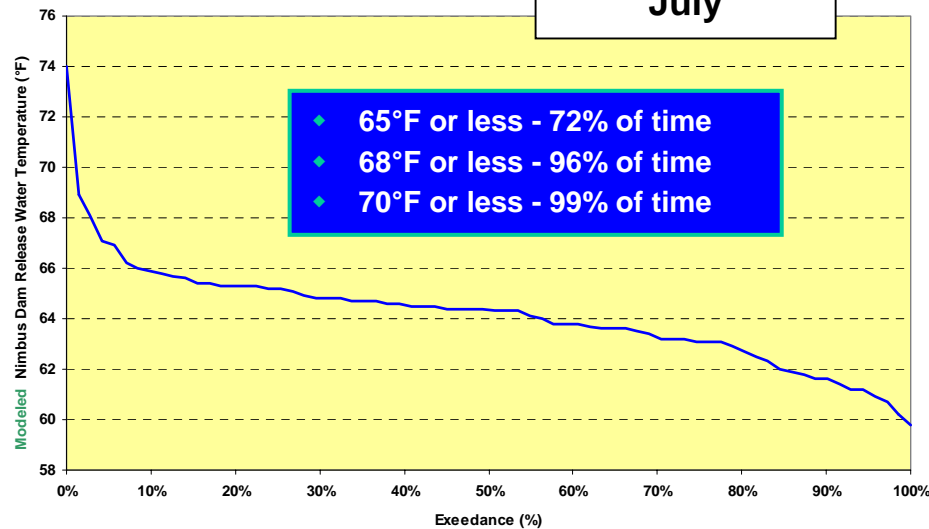


FMS Modeled Nimbus Dam Release Water Temperatures

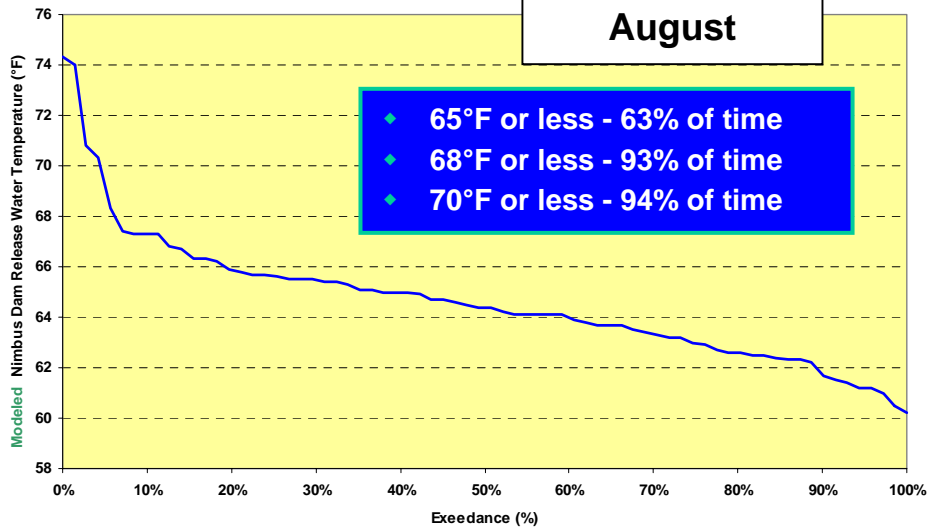
June



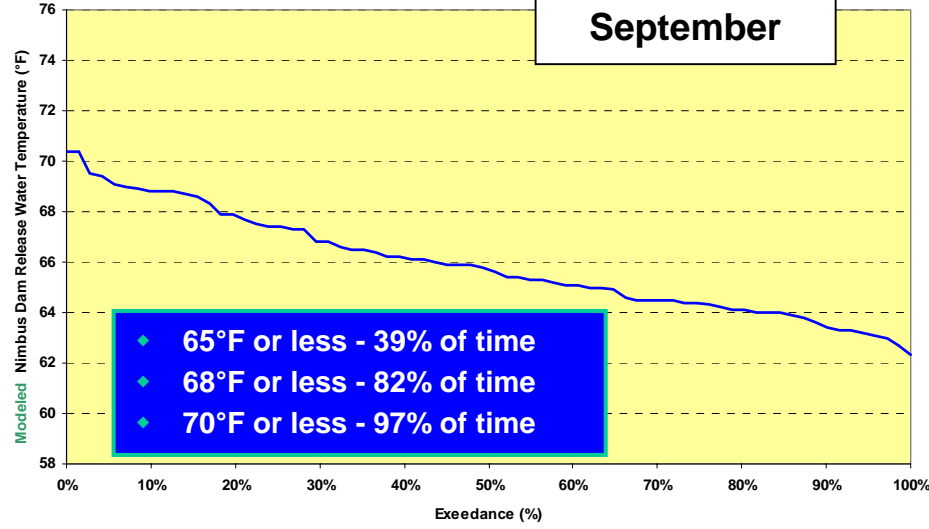
July



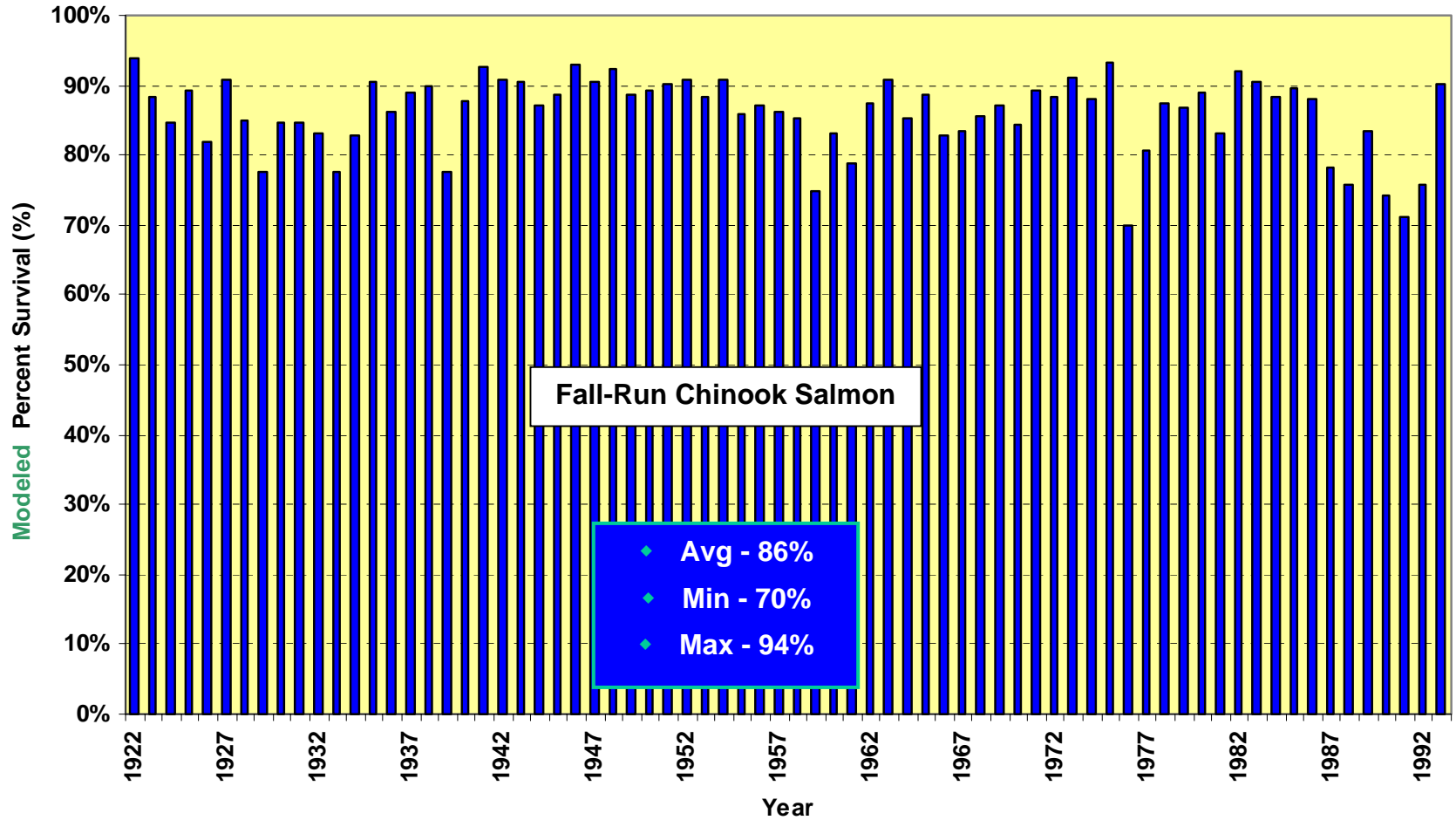
August



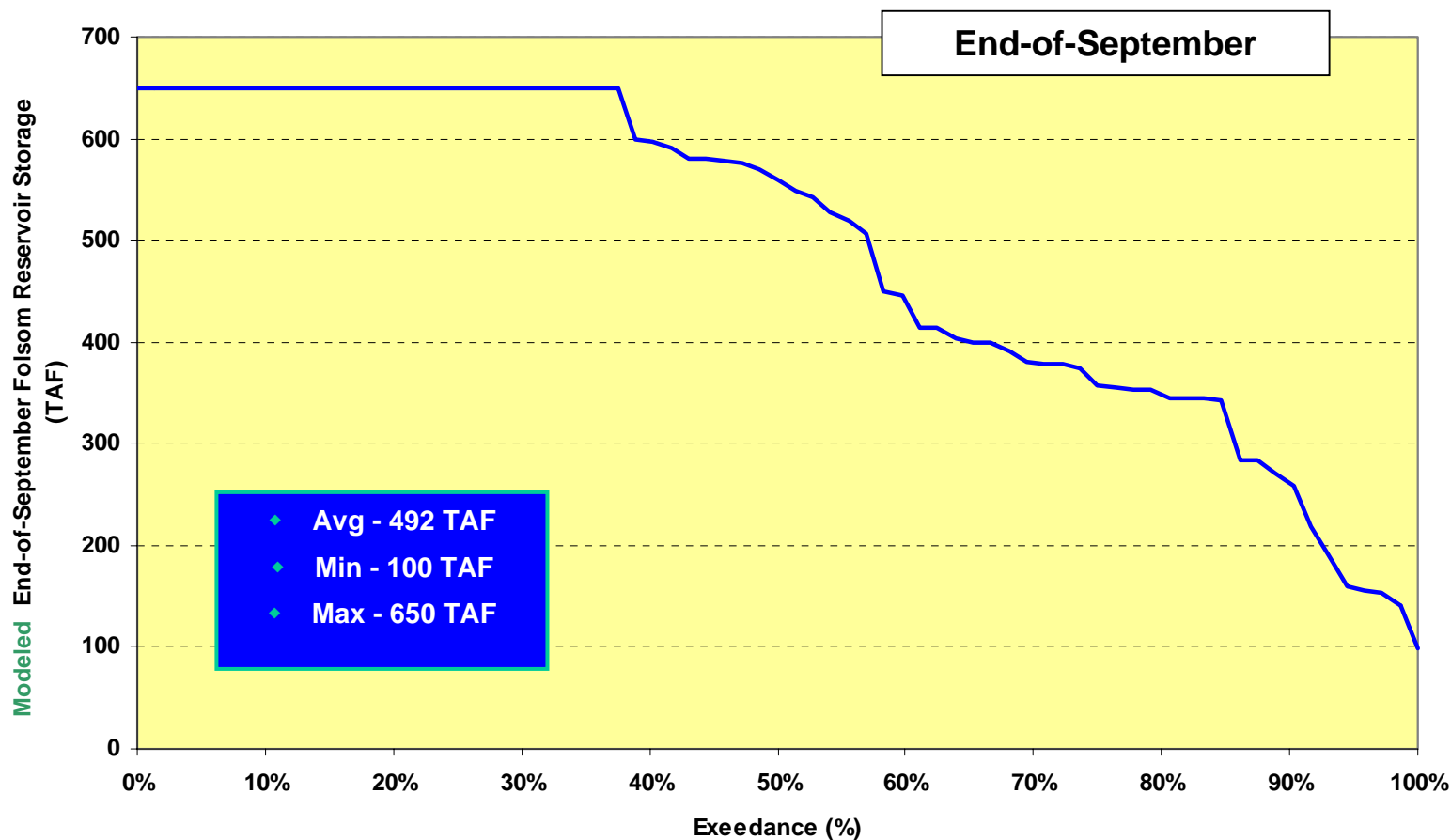
September



FMS Lower American River Chinook Salmon Early-Lifestage Survival



FMS Folsom Reservoir Storage



FMS Modeled Contract Year¹ Average Delivery (TAF)

	Year Type					
	All Years	Critical	Dry	Below Normal	Above Normal	Wet
Water Forum Purveyors ²	479	399	458	490	512	514
North of Delta CVP (Excluding Water Forum Purveyors)						
CVP Ag Contracts	241	25	173	273	338	338
CVP M&I Contracts	49	48	51	49	48	47
South of Delta						
CVP Ag Contracts	999	122	806	1,139	1,331	1,354
CVP M&I Contracts	120	82	111	126	135	137
SWP (Excluding Article 21)	3,213	1,283	2,775	3,618	3,924	3,949
¹ CVP and Water Forum contract year is March through February. SWP contract year is January through December. ² Includes water rights and CVP contract supplies.						