Dworshak 1-November Forecast Calculation WY 2007

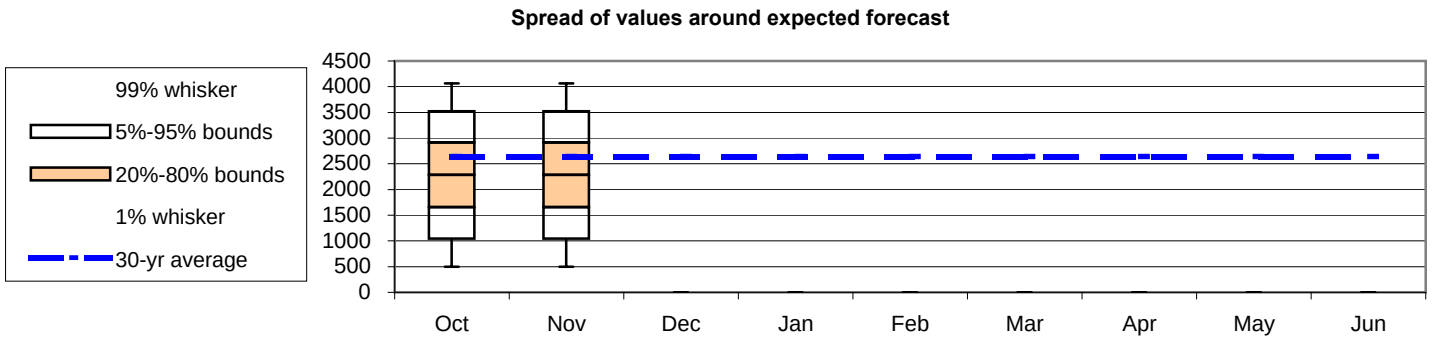
Dworshak Flood Control

Most Probable Apr-Jul Runoff Volume	2283	KAF
31-Jan Flood Control Space	859	KAF
31-Jan Flood Control Elevation	1547.2	ft

% Normal (1971-2000)	% Median (1929-1999)
86%	85%

Seasonal Flood Control (assumes no shift of flood control space to Grand Coulee)

Forecast Date>>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Apr-Jul Runoff Forecast	2283	2283							
First-of-Month Elev	1519.5	1517.3							
End-of-Month FC Space	--	--	700	859					
End-of-Month FC Elev	--	--	1558.2	1547.2					



Apr-Jul Runoff Forecast Calculation:

Variable	*Month*	*Observed Value*	*% of Average*	*Regression Coefficient*	*Marginal Runoff (KAF)*
		A		B	=A*B
SOI	*Sep*	-0.70		511.73	-358.2
Intercept		1		2641.52	2641.5
	1-Nov Forecast (KAF)			∑	2283.3

Notes:
1. The given forecast is the official Corps of Engineers forecast for Dworshak. If you have any questions please contact Ken Soderlind (503 808-3950), Patti Etzel (503 808-3958) or John McCoskery (503 808-3951).
2. Due to updated values for precipitation, snow or streamflow, subsequent forecasts may be different from the forecast published herein.
3. 15-Dec and 31-Dec flood control space is fixed at 700 KAF.

Data Station	*Sept*	*Nov*	*Dec*	*1-Jan*	*1-Feb*	*1-Mar*	*1-Apr*	*1-May*	*1-Jun*
Climate (Stdzd SOI)									
September SOI	-0.70								
Precipitation (monthly depth, inches)									
Headquarters, ID		--	--						
Snow Water Equiv (first of month SWE depth, inches)									
Elk Butte, ID				--	--	--	--	--	--
Hemlock Butte, ID				--	--	--	--	--	--
Hoodoo Basin, MT				--	--	--	--	--	--
Pierce RS,ID				--	--	--			
Shanghi Summit, ID							--	--	
Lost Lake, ID								--	--
Streamflow (monthly volume, KAF)				Jan	Feb	Mar	Apr	May	Jun
Dworshak Inflow				--	--	--	--	--	--