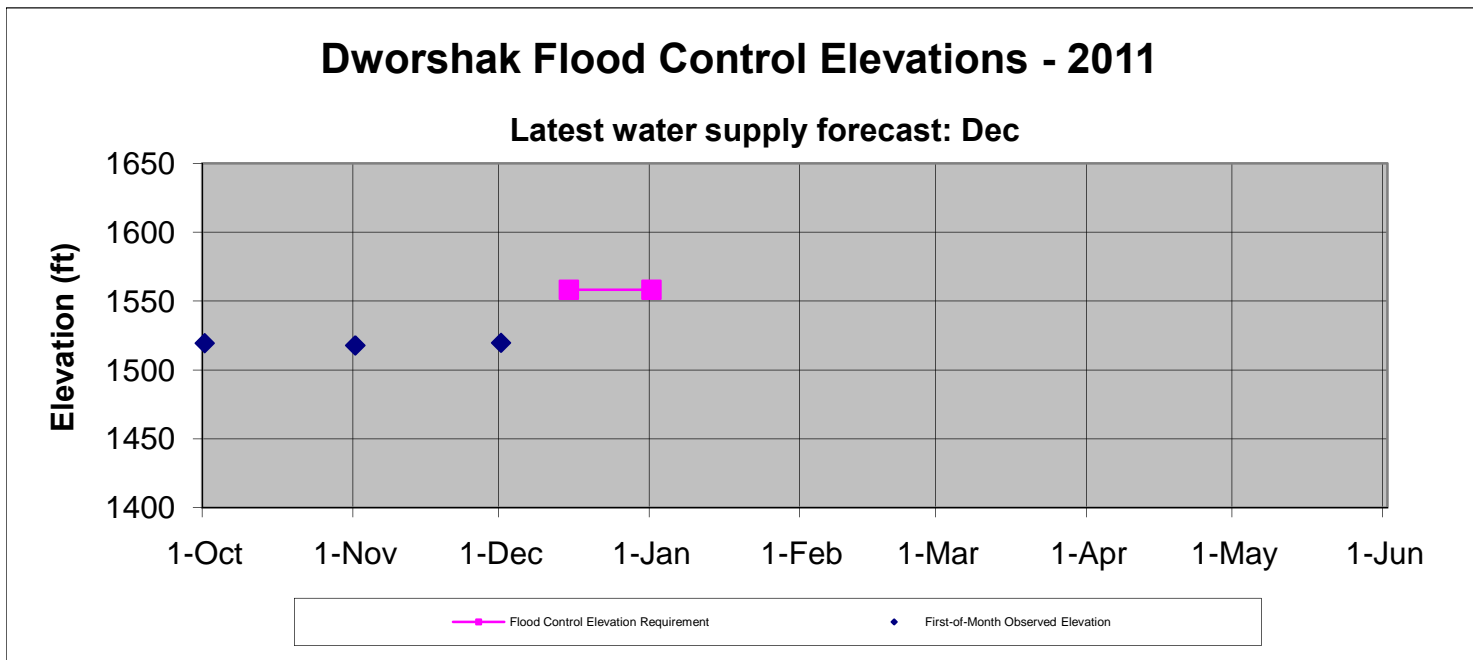
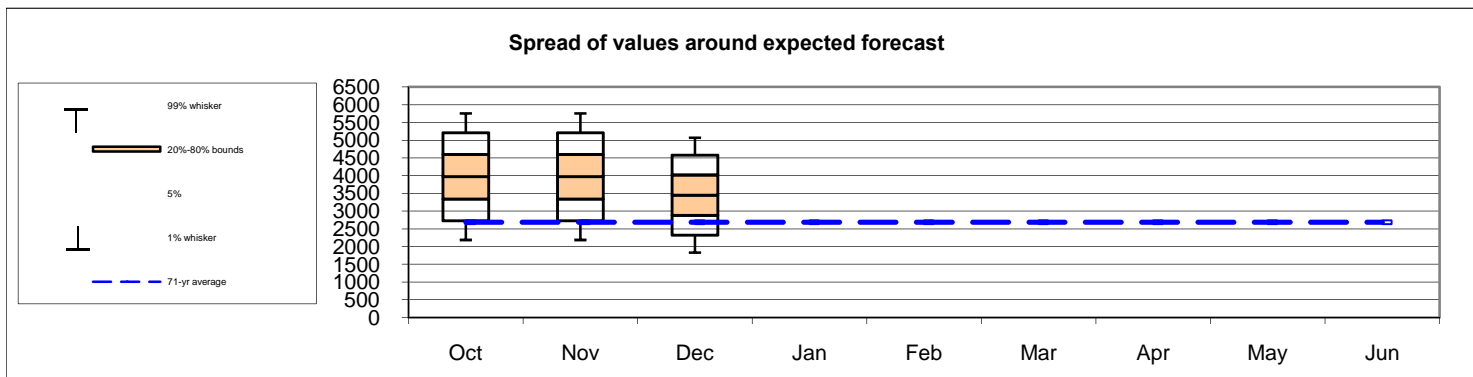


# Dworshak : December Runoff Forecast & Flood Control Calculation WY 2011

Runoff Forecast and Flood Control			
Most Probable Runoff Volume	Apr-Jul	3452	KAF
	May-Jul	2548	KAF
31-Dec Flood Control Space		700	KAF
31-DEc Flood Control Elevation		1558.2	ft

1929-1999 Average	Percent of Average
2683	129%
1980	129%

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	3972	3972	3452						
First-of-Month Elev	1519.4	1517.8	1519.7						
Date >>		15-Dec	31-Dec	31-Jan	28-Feb	31-Mar	15-Apr	30-Apr	
Flood Control Space	--	700	700						
Flood Control Elevation	--	1558.2	1558.2						



**Notes:**

1. The given forecast is the official Corps of Engineers forecast for Dworshak. If you have any questions please contact Jeremy Giovando (509 527 7053), or Steve Hall (509 527 7550).
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.

# Dworshak : December Runoff Forecast & Flood Control Calculation

Apr-Jul Runoff Forecast Calculation:					
Variable	Month	Observed Value	% of Average	Regression Coefficient	Marginal Runoff (KAF)
		A		B	=A*B
SOI	Sep	2.60		344.40	895.5
Headquarters Precip	Nov	4.50	91%	182.72	822.2
Intercept		1		1734.55	1734.6
1-Dec Forecast (KAF)				∑	3452.2

Data Station	Sept	Nov	Dec	1-Jan	1-Feb	1-Mar	1-Apr	1-May	1-Jun
<b>Climate (Stdzd SOI)</b>									
September SOI	2.60								
<b>Precipitation (monthly depth, inches)</b>									
Headquarters, ID		4.50	--						
<b>Snow Water Equiv (first of month SWE depth, inches)</b>									
Elk Butte, ID				--	--	--	--	--	--
Hemlock Butte, ID				--	--	--	--	--	--
Hoodoo Basin, MT				--	--	--	--	--	--
Pierce RS, ID				--	--	--			
Shanghi Summit, ID							--	--	
Lost Lake, ID								--	--
<b>Streamflow (monthly volume, KAF)</b>				Jan	Feb	Mar	Apr	May	Jun
Dworshak Inflow				--	--	--	--	--	--