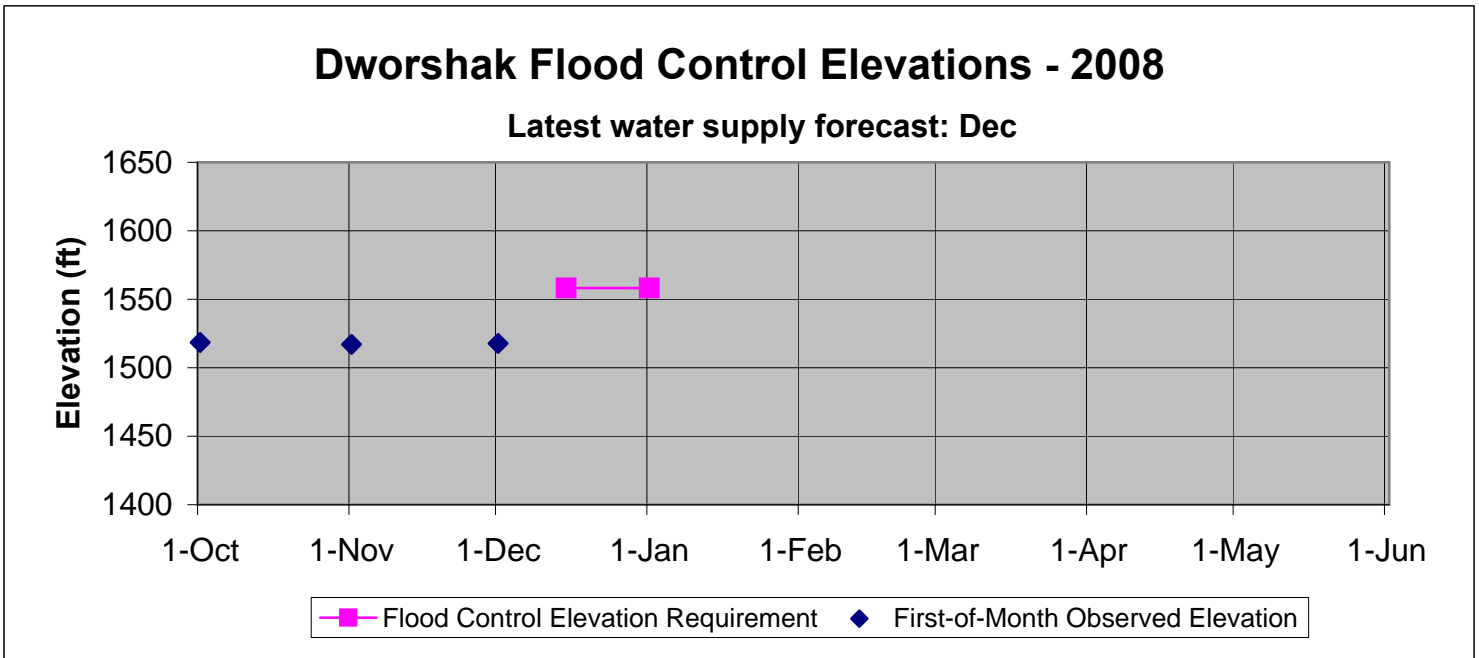
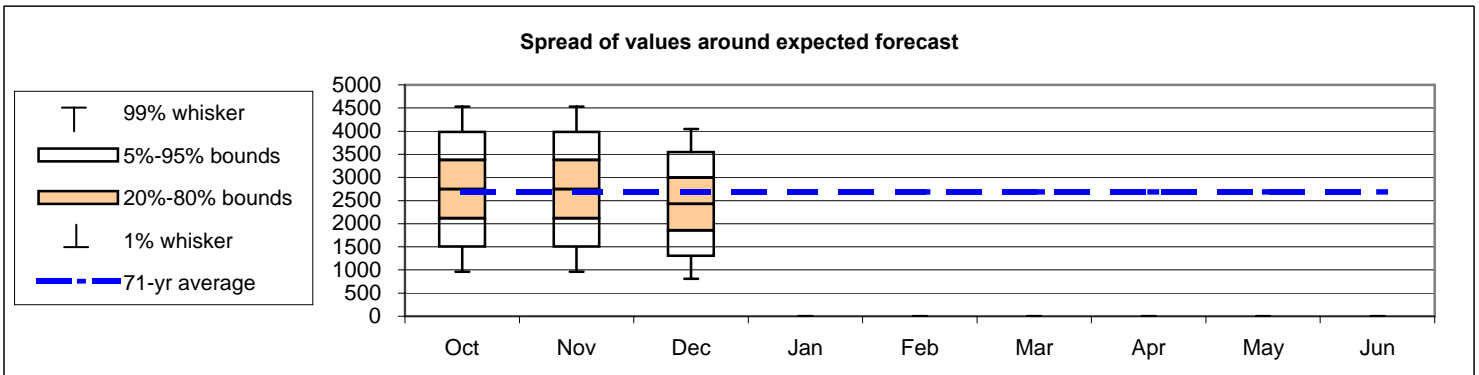


# Dworshak : December Runoff Forecast & Flood Control Calculation WY 2008

Runoff Forecast and Flood Control				1929-1999 Average	Percent of Average				
<b>Most Probable Runoff Volume</b>	<b>Apr-Jul</b>	<b>2425</b>	<b>KAF</b>	2683	90%				
	<b>May-Jul</b>	<b>1789</b>	<b>KAF</b>	1980	90%				
<b>31-Dec Flood Control Space</b>		<b>700</b>	<b>KAF</b>						
<b>31-DEc Flood Control Elevation</b>		<b>1558.2</b>	<b>ft</b>						
Seasonal Flood Control (assumes no shift of flood control space to Grand Coulee)									
Forecast Date>>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
<b>Apr-Jul Runoff Forecast</b>	2744	2744	2425						
<b>First-of-Month Elev</b>	1518.4	1517.1	1517.7						
Date >>		<b>15-Dec</b>	<b>31-Dec</b>	<b>31-Jan</b>	<b>28-Feb</b>	<b>31-Mar</b>	<b>15-Apr</b>	<b>30-Apr</b>	
<b>Flood Control Space</b>	--	700	700						
<b>Flood Control Elevation</b>	--	1558.2	1558.2						



**Notes:**

- 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 Low (503 808-3958), or John McCoskery (503 808-3951).
- Due to updated values for precipitation, snow or streamflow, subsequent forecasts may be different from the forecast published herein.
- 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	0.20		344.40	68.9
Headquarters Precip	Nov	3.40	69%	182.72	621.2
Intercept		1		1734.55	1734.6
1-Dec Forecast (KAF)				$\Sigma$	2424.7

Data Station	Sept	Nov	Dec	1-Jan	1-Feb	1-Mar	1-Apr	1-May	1-Jun
<b>Climate (Stdzd SOI)</b>									
September SOI	0.20								
<b>Precipitation (monthly depth, inches)</b>									
Headquarters, ID		3.40	--						
<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>									
Dworshak Inflow				Jan	Feb	Mar	Apr	May	Jun
				--	--	--	--	--	--