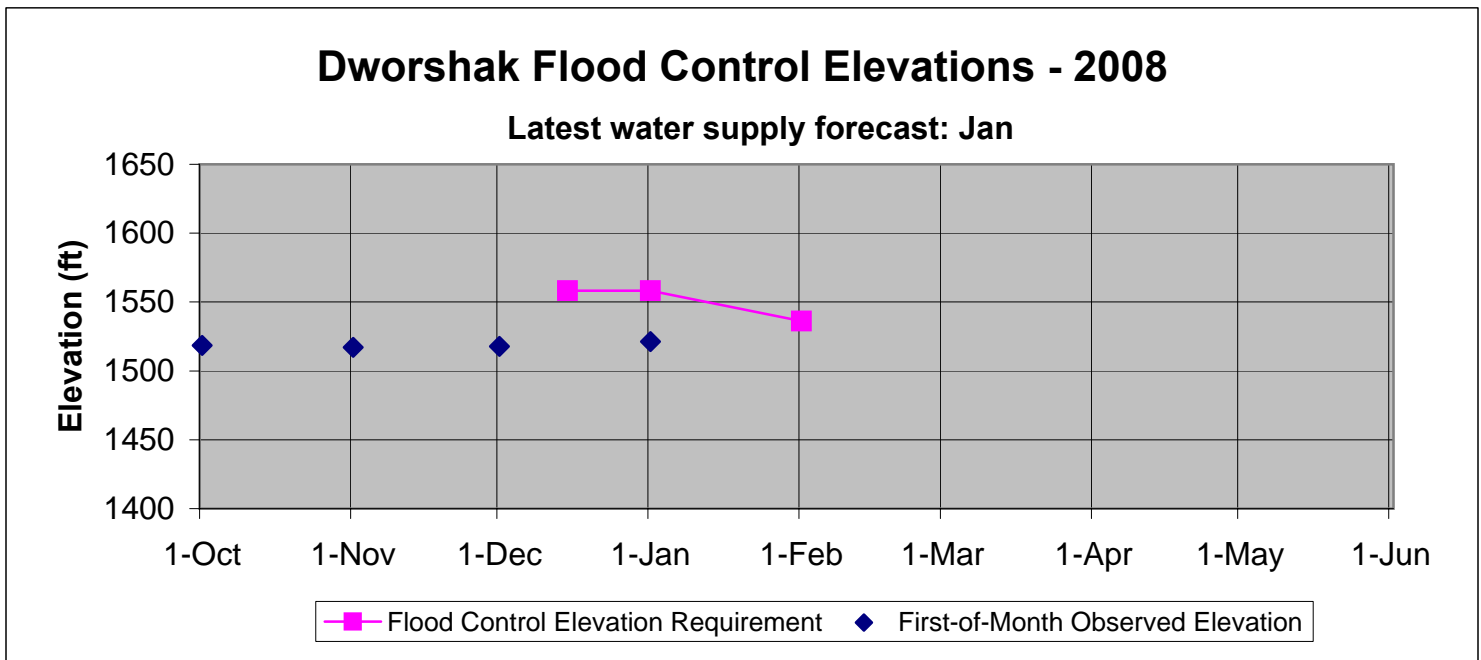
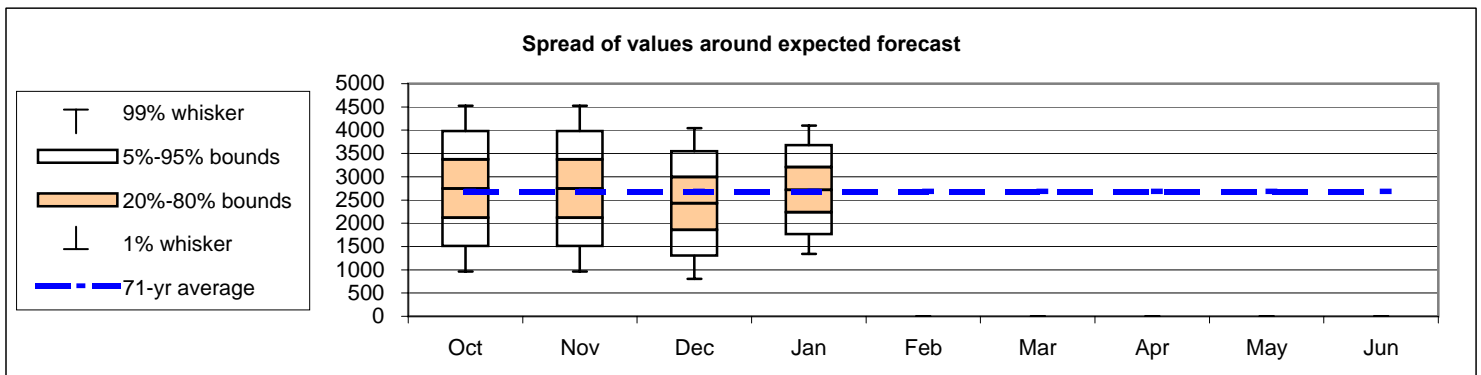


Dworshak : January Runoff Forecast & Flood Control Calculation

WY 2008

Runoff Forecast and Flood Control				1929-1999 Average	Percent of Average				
Most Probable Runoff Volume	Apr-Jul	2717	KAF	2683	101%				
	May-Jul	2005	KAF	1980	101%				
31-Jan Flood Control Space		1015	KAF						
31-Jan Flood Control Elevation		1536.1	ft						
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	2744	2744	2425	2717					
First-of-Month Elev	1518.4	1517.1	1517.7	1521.2					
Date >>		15-Dec	31-Dec	31-Jan	28-Feb	31-Mar	15-Apr	30-Apr	
Flood Control Space	--	700	700	1015					
Flood Control Elevation	--	1558.2	1558.2	1536.1					



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 Low (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.

Dworshak : January 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		271.68	54.3
Headquarters Precip	Nov	3.40	69%	99.83	339.4
Headquarters Precip	Dec	8.63	169%	45.83	395.5
Elk Butte SWE	1-Jan	16.7	100%	9.77	163.1
Hemlock Butte SWE	1-Jan	19.6	99%	12.05	236.1
Hoodoo Basin SWE	1-Jan	21.5	113%	13.61	292.6
Pierce SWE	1-Jan	4.0	93%	35.14	140.6
Intercept		1		1095.65	1095.6
1-Jan Forecast (KAF)				Σ	2717.3

Data Station	Sept	Nov	Dec	1-Jan	1-Feb	1-Mar	1-Apr	1-May	1-Jun
Climate (Stdzd SOI)									
September SOI	0.20								
Precipitation (monthly depth, inches)									
Headquarters, ID		3.40	8.63						
Snow Water Equiv (first of month SWE depth, inches)									
Elk Butte, ID				16.7	--	--	--	--	--
Hemlock Butte, ID				19.6	--	--	--	--	--
Hoodoo Basin, MT				21.5	--	--	--	--	--
Pierce RS, ID				4.0	--	--			
Shanghi Summit, ID							--	--	
Lost Lake, ID								--	--
Streamflow (monthly volume, KAF)									
Dworshak Inflow				Jan	Feb	Mar	Apr	May	Jun
				--	--	--	--	--	--