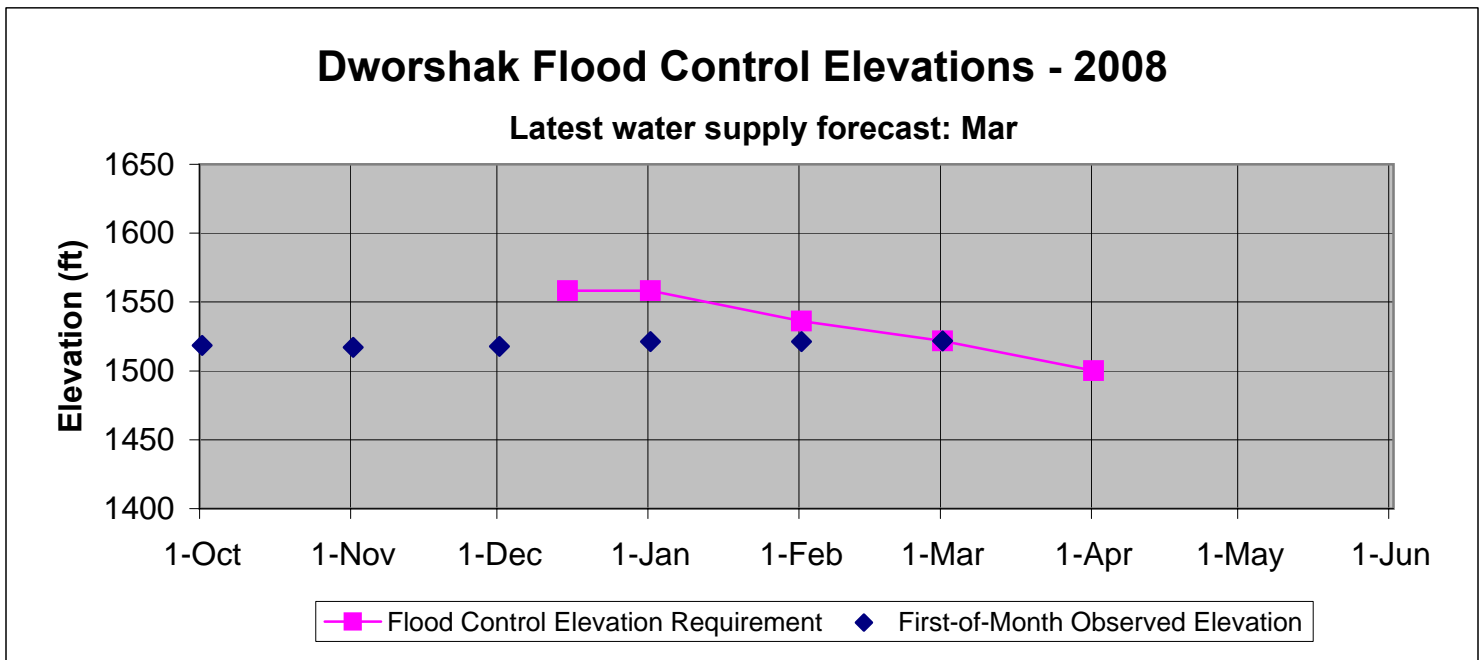
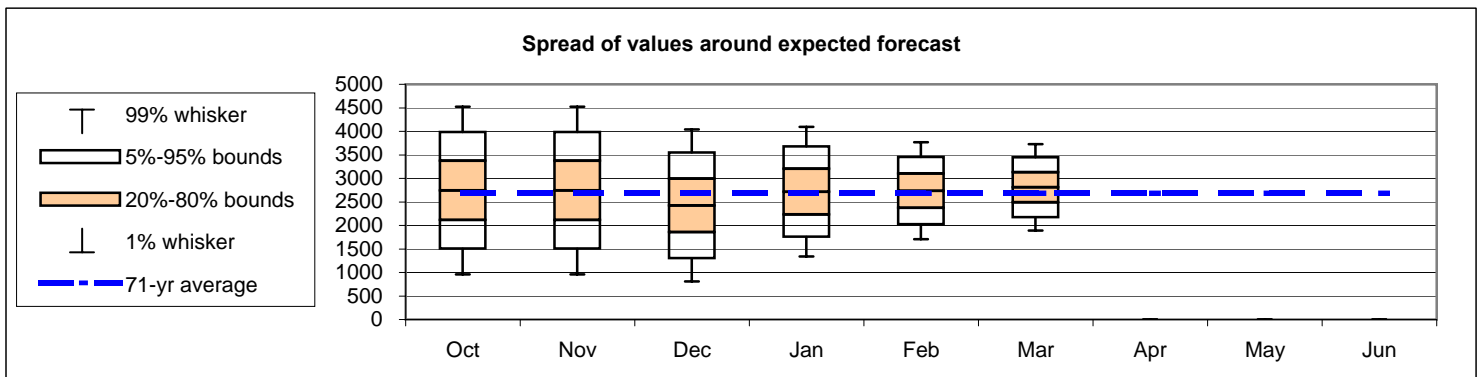


Dworshak : March Runoff Forecast & Flood Control Calculation

WY 2008

Runoff Forecast and Flood Control				1929-1999 Average	Percent of Average				
Most Probable Runoff Volume	Apr-Jul	2810	KAF	2683	105%				
	May-Jul	2074	KAF	1980	105%				
31-Mar Flood Control Space		1473	KAF						
31-Mar Flood Control Elevation		1500.1	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	2738	2810			
First-of-Month Elev	1518.4	1517.1	1517.7	1521.2	1521.3	1521.8			
Date >>		15-Dec	31-Dec	31-Jan	28-Feb	31-Mar	15-Apr	30-Apr	
Flood Control Space	--	700	700	1015	1206	1473			
Flood Control Elevation	--	1558.2	1558.2	1536.1	1521.8	1500.1			



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 : March 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		116.52	23.3
Elk Butte SWE	1-Mar	39.00	113%	14.89	580.9
Hemlock Butte SWE	1-Mar	45.00	111%	15.61	702.4
Hoodoo Basin SWE	1-Mar	43.00	113%	15.63	672.1
Pierce SWE	1-Mar	11.70	123%	38.10	445.8
DWR January Inflow	Jan	86.68	43%	0.977	84.7
DWR February Inflow	Feb	107.90	39%	0.147	15.9
Intercept		1		284.62	284.6
1-Mar Forecast (KAF)				Σ	2809.6

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	29.7	39.0	--	--	--
Hemlock Butte, ID				19.6	34.0	45.0	--	--	--
Hoodoo Basin, MT				21.5	32.7	43.0	--	--	--
Pierce RS, ID				4.0	8.9	11.7			
Shanghi Summit, ID							--	--	
Lost Lake, ID								--	--
Streamflow (monthly volume, KAF)				Jan	Feb	Mar	Apr	May	Jun
Dworshak Inflow				87	108	--	--	--	--