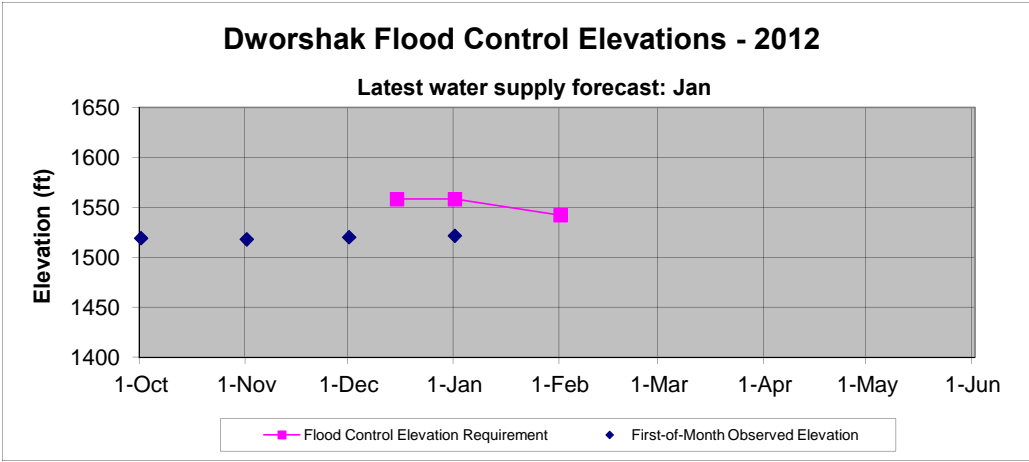
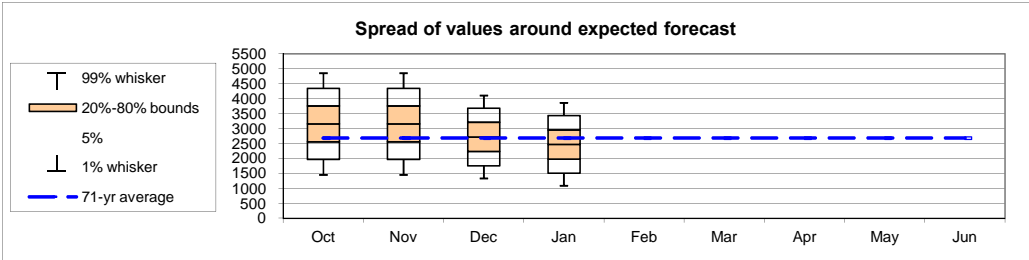


Dworshak : January Runoff Forecast & Flood Control Calculation WY 2012

Runoff Forecast and Flood Control				1929-1999	Percent of				
				Average	Average				
Most Probable Runoff Volume	Apr-Jul	2473	KAF	2683	92%				
	May-Jul	1825	KAF	1980	92%				
31-Jan Flood Control Space			931	KAF					
31-Jan Flood Control Elevation			1542.1	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	3157	3157	2724	2473					
First-of-Month Elev	1519.2	1518.1	1520.2	1521.6					
Date >>		15-Dec	31-Dec	31-Jan	28-Feb	31-Mar	15-Apr	30-Apr	
Flood Control Space	--	700	700	931					
Flood Control Elevation	--	1558.2	1558.2	1542.1					



Notes:

- 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).
- 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 : 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	1.00		335.76	335.8
Headquarters Precip	Nov	3.50	71%	63.63	222.7
Headquarters Precip	Dec	3.10	61%	73.57	228.1
Elk Butte SWE	1-Jan	10.5	63%	5.94	62.4
Hemlock Butte SWE	1-Jan	15.0	76%	11.29	169.4
Hoodoo Basin SWE	1-Jan	16.4	86%	12.05	197.6
Pierce SWE	1-Jan	1.7	40%	48.18	81.9
Intercept		1		1175.10	1175.1
1-Jan Forecast (KAF)				Σ	2472.9

Data Station	Sept	Nov	Dec	1-Jan	1-Feb	1-Mar	1-Apr	1-May	1-Jun
Climate (Stdzd SOI)									
September SOI	1.00								
Precipitation (monthly depth, inches)									
Headquarters, ID	3.50	3.10							
Snow Water Equiv (first of month SWE depth, inches)									
Elk Butte, ID				10.5	--	--	--	--	--
Hemlock Butte, ID				15.0	--	--	--	--	--
Hoodoo Basin, MT				16.4	--	--	--	--	--
Pierce RS, ID				1.7	--	--			
Shanghi Summit, ID							--	--	
Lost Lake, ID							--	--	--
Streamflow (monthly volume, KAF)				Jan	Feb	Mar	Apr	May	Jun
Dworshak Inflow				--	--	--	--	--	--