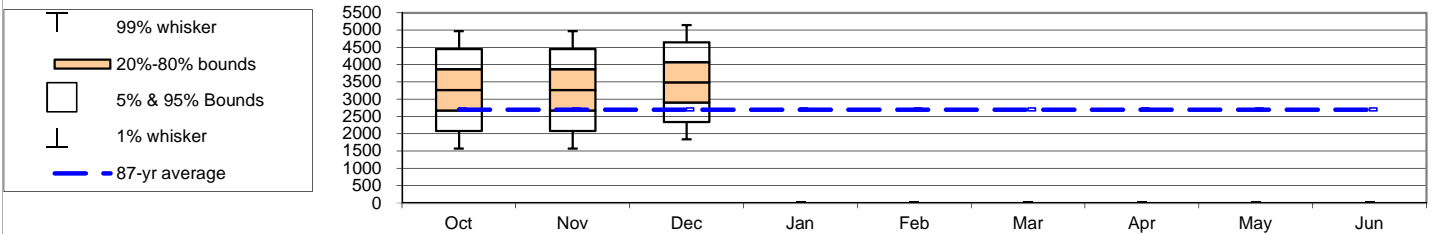
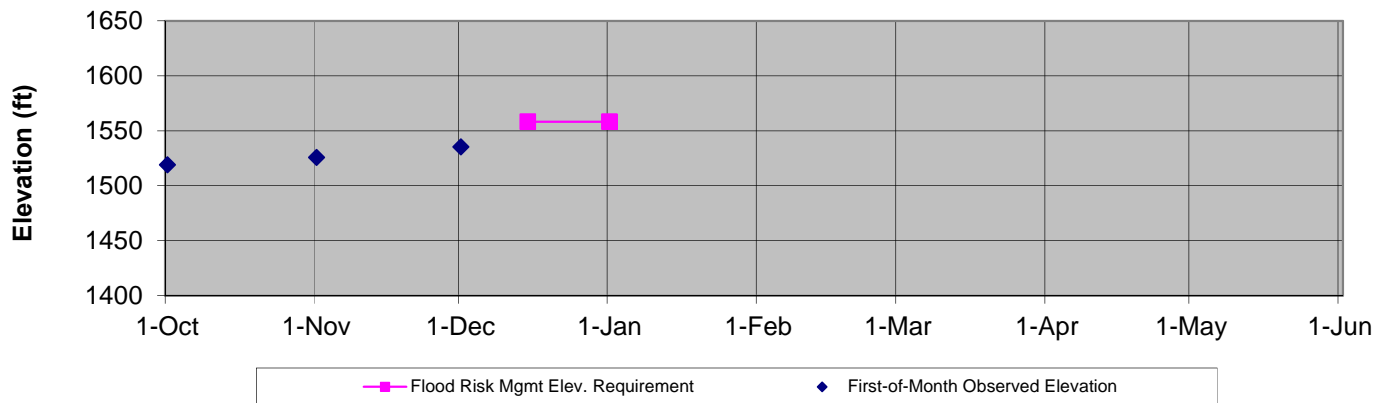


Runoff Forecast and Flood Risk Management (FRM)				1981-2010 Average	Percent of 30yr Average	1929-2008 Average	Percent of Average		
Most Probable Runoff Volume	Apr-Jul	3493	KAF	2438	143%	2696	130%		
	May-Jul	2454	KAF	1784	138%	1972	124%		
31-Dec Flood Risk Management Space		700	KAF						
31-Dec Flood Risk Management Elevation		1558.2	ft						
Seasonal Flood Risk Management (assumes no shift of flood risk management space to Grand Coulee)									
Forecast Date>>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Apr-Jul Runoff Forecast	3271	3271	3493						
First-of-Month Elev	1519.1	1525.9	1535.4						
Date >>		15-Dec	31-Dec	31-Jan	28-Feb	31-Mar	15-Apr	30-Apr	31-May
FRM Space	--	700	700						
FRM Elevation	--	1558.2	1558.2						

Spread of values around expected forecast



Dworshak Flood Risk Management Elevations - 2017
 Latest water supply forecast: Dec



Dworshak : December Runoff Forecast & Flood Risk Management Calculation

Apr-Jul Runoff Forecast Calculation					
Variable	Month	Observed Value	% of Average	Regression Coefficient	Marginal Runoff (KAF)
		A		B	=A*B
SOI	Sep	1.20		486.62	583.9
Headquarters Precip Intercept	Nov	11.80	141%	81.25	958.8
		1		1950.56	1950.6
1-Dec Forecast (KAF)				Σ	3493.3

Data Station	Sept	Nov	Dec	1-Jan	1-Feb	1-Mar	1-Apr	1-May	1-Jun
Climate (Stdzd SOI)									
September SOI	1.20								
Precipitation (in)	Oct								
Headquarters, ID	7.90	3.90	--	--	--	--	--		
Cumulative HQSI Data	7.90	11.80	--	--	--	--	--		
Snow Water Equiv (First of Month values) (in)									
Elk Butte, ID				--	--	--	--		
Cool Creek, ID				--	--				
Hoodoo Basin, MT				--	--	--	--	--	--
Sherwin, ID				--	--	--	--		
Shanghi Summit, ID								--	--
Lost Lake, ID				--	--	--	--	--	--
Hemlock, ID								--	--
Crater Meadows Mar						--	--		
Streamflow (End of Month) (kaf)				Jan	Feb	Mar	Apr	May	Jun
Dworshak Inflow				--	--	--	--	--	--

- Notes:
- The given forecast is the official Corps of Engineers forecast for Dworshak. If you have any questions please contact Steve Hall (509 527 7550), Wayne Jousma (509-527-7606), Amanda Connell (509-527-7632), or Alfredo Rodriguez (509-527-7532).
 - 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 Management Space is fixed at 700 KAF.

Approval:

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