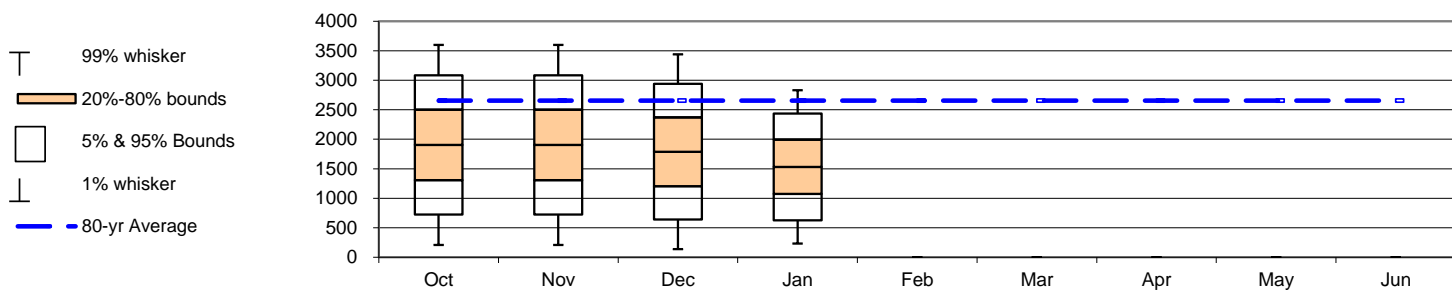


Runoff Forecast and Flood Risk Management (FRM)				1981-2010 Average	Percent of 30yr Average	1929-2008 Average	Percent of Average
Most Probable Runoff Volume	Apr-Jul	1532	KAF	2438	63%	2655	58%
	May-Jul	1121	KAF	1784	63%	1959	57%
31-Jan Flood Risk Management Space		610	KAF				
31-Jan Flood Risk Management Elevation		1564.3	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	1904	1904	1789	1532					
First-of-Month Elev	1520.3	1519.3	1519.0	1515.4					

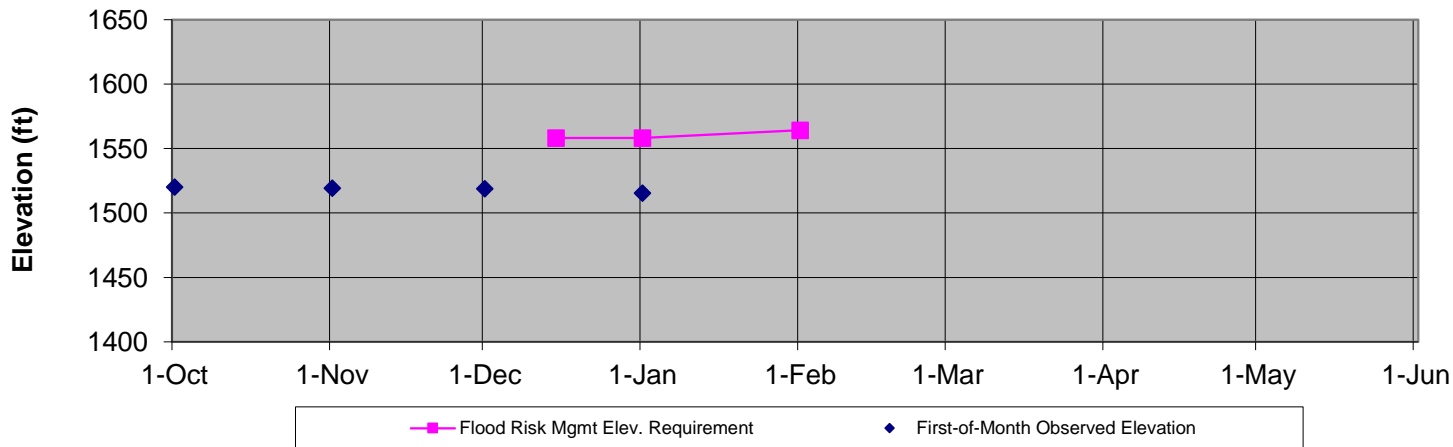
Date >>		15-Dec	31-Dec	31-Jan	29-Feb	31-Mar	15-Apr	30-Apr	31-May
FRM Space	--	700	700	610					
FRM Elevation	--	1558.2	1558.2	1564.3					

Spread of values around expected forecast



Dworshak Flood Risk Management Elevations - WY 2020

Latest water supply forecast: Jan



Dworshak : January Runoff Forecast & Flood Risk Management Calculation

Apr-Jul Runoff Forecast Calculation					
Variable	Month	Observed Value	% of Average	Regression Coefficient	Runoff (KAF)
		A		B	=A*B
SOI	Sep	-1.20		355.71	-426.9
HQSI Cumulative Precip	Oct-Date	8.70	62%	48.12	418.6
Elk Butte SWE	1-Jan	8.80	59%	6.25	55.0
Cool Creek SWE	1-Jan	10.2	56%	9.96	101.6
Hoodoo Basin SWE	1-Jan	9.4	55%	12.22	114.9
Sherwin SWE	1-Jan	2.3	50%	44.69	102.8
Lost Lake SWE	1-Jan	10.9	48%	4.24	46.2
Intercept		1		1119.86	1119.9
1-Jan Forecast (KAF)					Σ 1532.1

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	3.30	1.90	3.50	--	--	--	--		
Cumulative HQSI Data	3.30	5.20	8.70	--	--	--	--		
Snow Water Equiv (First of Month values) (in)									
Elk Butte, ID				8.8	--	--	--		
Cool Creek, ID				10.2	--				
Hoodoo Basin, MT				9.4	--	--	--	--	--
Sherwin, ID				2.3	--	--	--		
Shanghi Summit, ID								--	--
Lost Lake, ID				10.9	--	--	--	--	--
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), Alfredo Rodriguez (509-527-7532), or Jon Roberts (509-527-7518).
- Due to updated values for precipitation, snow or streamflow, subsequent forecasts may be different from the forecast published herein.

Approval:

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