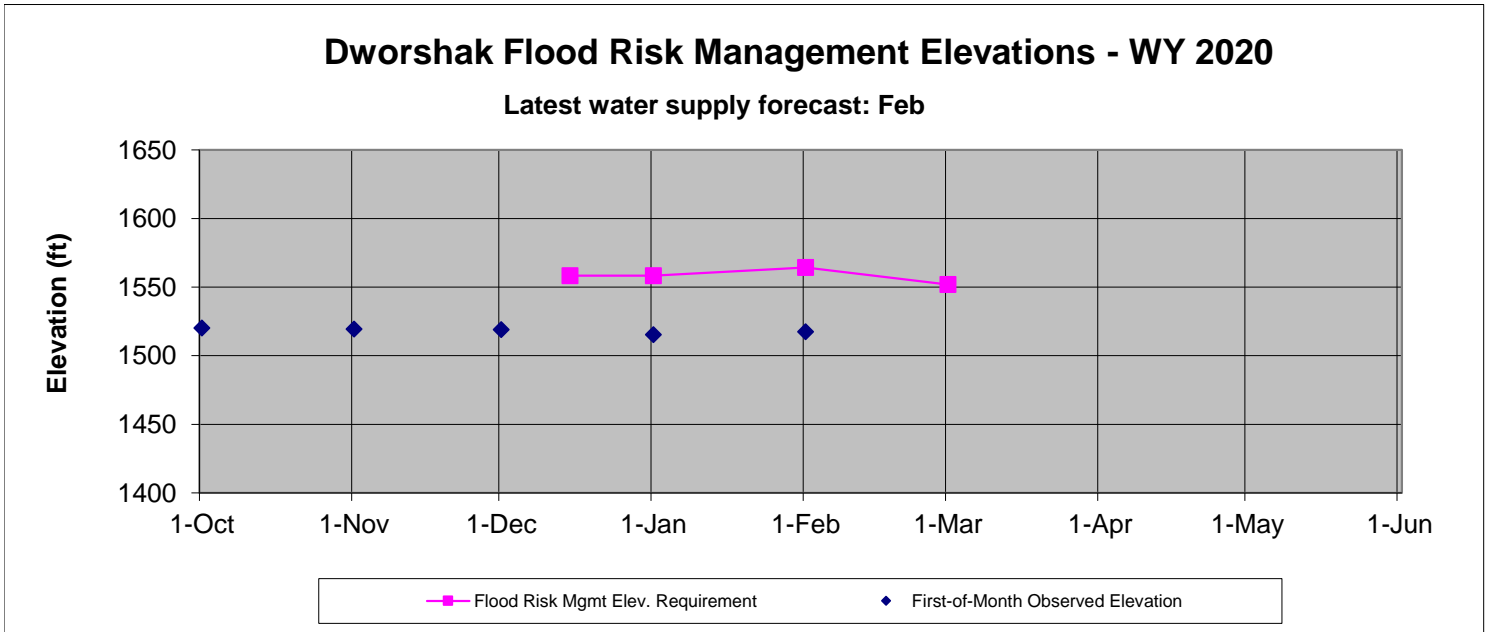
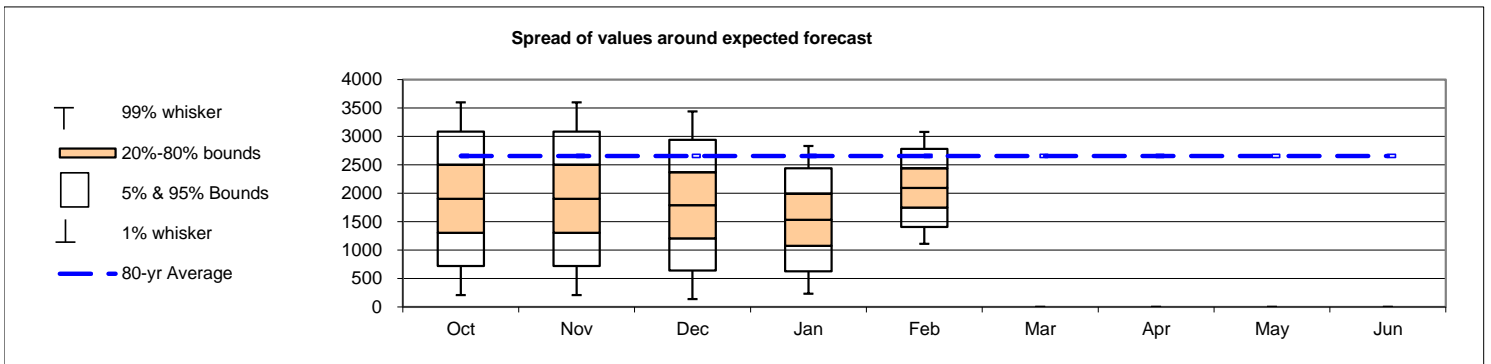


Runoff Forecast and Flood Risk Management (FRM)				1981-2010 Average	Percent of 30yr Average	1929-2008 Average	Percent of Average		
Most Probable Runoff Volume	Apr-Jul	2095	KAF	2438	86%	2655	79%		
	May-Jul	1533	KAF	1784	86%	1959	78%		
29-Feb Flood Risk Management Space		793	KAF						
29-Feb Flood Risk Management Elevation		1551.9	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	2095				
First-of-Month Elev	1520.3	1519.3	1519.0	1515.4	1517.4				
Date >>		15-Dec	31-Dec	31-Jan	29-Feb	31-Mar	15-Apr	30-Apr	31-May
FRM Space	--	700	700	610	793				
FRM Elevation	--	1558.2	1558.2	1564.3	1551.9				



Dworshak : February 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		264.27	-317.1
HQSI Cumulative Precip	Oct-Date	16.30	84%	27.04	440.8
Elk Butte SWE	1-Feb	26.2	113%	12.06	315.9
Cool Creek SWE	1-Feb	28.5	99%	11.35	323.7
Hoodoo Basin SWE	1-Feb	25.1	97%	10.97	275.2
Sherwin SWE	1-Feb	7.9	103%	29.17	230.4
Lost Lake SWE	1-Feb	33.3	96%	7.60	252.8
Intercept		1		572.93	572.9
1-Feb Forecast (KAF)				Σ	2094.7

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	7.60	--	--	--		
Cumulative HQSI Data	3.30	5.20	8.70	16.30	--	--	--		
Snow Water Equiv (First of Month values) (in)									
Elk Butte, ID				8.8	26.2	--	--		
Cool Creek, ID				10.2	28.5				
Hoodoo Basin, MT				9.4	25.1	--	--	--	--
Sherwin, ID				2.3	7.9	--	--		
Shanghi Summit, ID								--	--
Lost Lake, ID				10.9	33.3	--	--	--	--
Hemlock, ID								--	--
Crater Meadows Mar						--	--		
Streamflow (End of Month) (kaf)				Jan	Feb	Mar	Apr	May	Jun
Dworshak Inflow				138	--	--	--	--	--

Notes:

1. 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).
2. Due to updated values for precipitation, snow or streamflow, subsequent forecasts may be different from the forecast published herein.
3. There is a snow flight scheduled in mid-Feb. to verify snow density in the basin.

Approval:

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