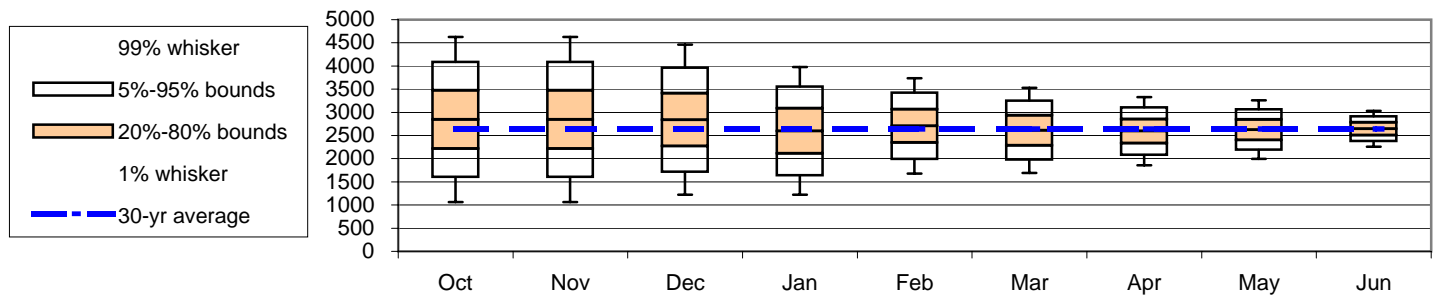


Dworshak Runoff Volume Forecast		
Most Probable Jun-Jul Runoff Volume	728	KAF
Most Probable Apr-Jul Runoff Volume	2644	KAF

% Normal (1960-1999)	% Median (1929-1999)
76%	91%
100%	98%

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	2846	2846	2841	2599	2707	2612	2593	2626	2644
First-of-Month Elev	1518.7	1517.4	1518.3	1524.2	1539.8	1524.9	1532.3	1536.5	1582.17
End-of-Month FC Space	--	--	700	950	1175	1225	1133		
End-of-Month FC Elev	--	--	1558.2	1540.8	1524.2	1520.4	1527.3		

Spread of values around expected forecast



Jun-Jul Runoff Forecast Calculation:					
Variable	Month	Observed Value	% of Average	Regression Coefficient	Marginal Runoff (KAF)
		A		B	=A*B
Elk Butte SWE	1-Jun	3.30	25%	6.82	22.5
Hemlock Butte SWE	1-Jun	5.10	20%	6.20	31.6
Hoodoo Basin SWE	1-Jun	32.60	115%	6.42	209.4
Lost Lake SWE	1-Jun	33.50	78%	4.68	156.9
Shanghi Summit SWE	1-May	14.40	79%	7.80	112.3
Intercept		1		194.87	194.9

Notes:

- 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 Etzel (503 808-3958) or John McCoskery (503 808-3951).
- 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.

1-Jun Forecast (KAF) Σ 727.6

Data Station	Sept	Nov	Dec	1-Jan	1-Feb	1-Mar	1-Apr	1-May	1-Jun
Climate (Stdzd SOI)									
September SOI	0.40								
Precipitation (monthly depth, inches)									
Headquarters, ID		5.30	6.40						
Snow Water Equiv (first of month SWE depth, inches)									
Elk Butte, ID				8.7	23.6	28.3	33.6	30.1	3.3
Hemlock Butte, ID				13.8	30.5	37.0	44.7	42.1	5.1
Hoodoo Basin, MT				17.1	33.2	41.0	46.6	48.7	32.6
Pierce RS, ID				2.5	6.7	7.5			
Shanghi Summit, ID							26.3	14.4	
Lost Lake, ID								53.6	33.5
Streamflow (monthly volume, KAF)				Jan	Feb	Mar	Apr	May	Jun
Dworshak Inflow				338	171	326	819	1098	--