

Libby Apr-Aug Runoff Forecast
for Water Year
Forecast Date

2003
1-Nov

	<i>Variable</i>	<i>Observed Value</i>	<i>Regression Coefficient</i>	<i>Marginal Runoff Value in KAF</i>	<i>Percent of Average</i>
1	<i>Sum of Jun, Jul, Aug, Sep SOI</i>	-3.7	75.0	-278	
2	<i>Oct Precipitation at West Glacier, MT</i>	0.32	277.6	89	
3	<i>Oct Precipitation at Glacier Rogers Pass, BC</i>	2.25	141.3	318	
4	<i>Intercept</i>	1.0	5203	5203	
5	<i>Libby Apr-Aug Runoff Forecast (KAF)</i>			5332	81.7%
6	<i>95% Non-exceedance Limit</i>			7261	111.3%
7	<i>5% Non-exceedance Limit</i>			3403	52.1%

Regression Model Forecast Statistics

1948-2001 Average Runoff (KAF)		6526	100.0%
Forecast Standard Error (KAF)	1155		
95% Confidence Factor - Single Tailed Probability	1.67		

Long Term Historic Statistics

1929-2001 Average Runoff (KAF)		6303	
1929-2001 Standard Deviation (KAF)	1497		
Historic 73-year 95% non-exceedance limit		8803	140%
Historic 73-year 5% non-exceedance limit		3803	60%

Calculated: 04-Nov-02
 Contact: [North Pacific Region Water Management](#)