



May 15, 2024, Update

- **Snowpack**
 - Snowpack for the entire Fraser River basin as of May 15/24 is 60% of normal or 40% below normal, depending on whether you are a cup half full or cup half empty type of person.
 - Snow melt from May 1st to the 15th was more rapid than normal due to the May 9-12 heat wave.
 - In summary, the snowpack is very low. The risk of a snowpack flood is low. Heavy rainfall over the province is another cause of flooding that cannot be predicted.
- **Flows**
 - Fraser River flow at Hope this morning May 23 is 3,500cms. This is substantial below normal for this date.
 - The BC River Forecast model prediction is for increased flows over next week.
- **Forecast**
 - Low Tides for Summer period at Point Atkinson noted over several years the additional freshet water levels in the river at Canoe Pass. For every additional flow of 1,000cms at Hope, BC above a base flow of 1,000cms, the water level is about 0.25' higher at Canoe Pass. This is a “rule of thumb” as other facts can affect it on a given day.
 - For example, at a freshet flow of 9,000cms (8,000 above base flow), water level is elevated approximately $8 \times 0.25' = 2'$
- **Summer Low Tides**
 - May 24-26
 - June 5-8
 - Jun 21-25
 - July 4-7
 - July 20-23
 - Aug 18-20