

# Historical Climate Trends Thompson-Nicola-Shuswap

Over past 50 years:

Annual temperature increased  $\sim 1.8^\circ$

Annual precipitation increased 25%

Snowpack changes:

- Low elevation -30 to -45%
- Intermediate elevation: -10 to -20%
- High elevation: -5 to +5%

Snow melt runoff shifted earlier (per decade):

- 1-2 days, Thompson R.
- 4-5 days, Coldwater & Salmon R.

Summer flow dramatically reduced (40-50 yr period)

- -16% North Thompson
- -45%, Coldwater and Salmon R.

