

Supplement Table S1: Comparison of meteorological parameters during June 2019 with average values during the same month in the years 2000 to 2021. The data represent monthly averages for a box bounded by 128.75 °W, 51 °N, 123.125 °W, 53 °N, and were obtained from the MERRA-2 reanalysis and MODIS databases.

Parameter	Units	Average± Standard Deviation	June 2019	Ratio June 2019/ Average	Source
Temperature	°C	9.8±1.2	10.2	1.04	MERRA-2
Shortwave downward radiation	W m <sup>-2</sup>	222±17	249	1.12	MERRA-2
Precipitation	mm d <sup>-1</sup>	4.5±1.2	4.4	0.97	MERRA-2
Specific Humidity	g kg <sup>-1</sup>	6.3±0.4	6.5	1.02	MERRA-2
Cloud Fraction	%	77.6%±7.6%	80.9%	1.04	MODIS