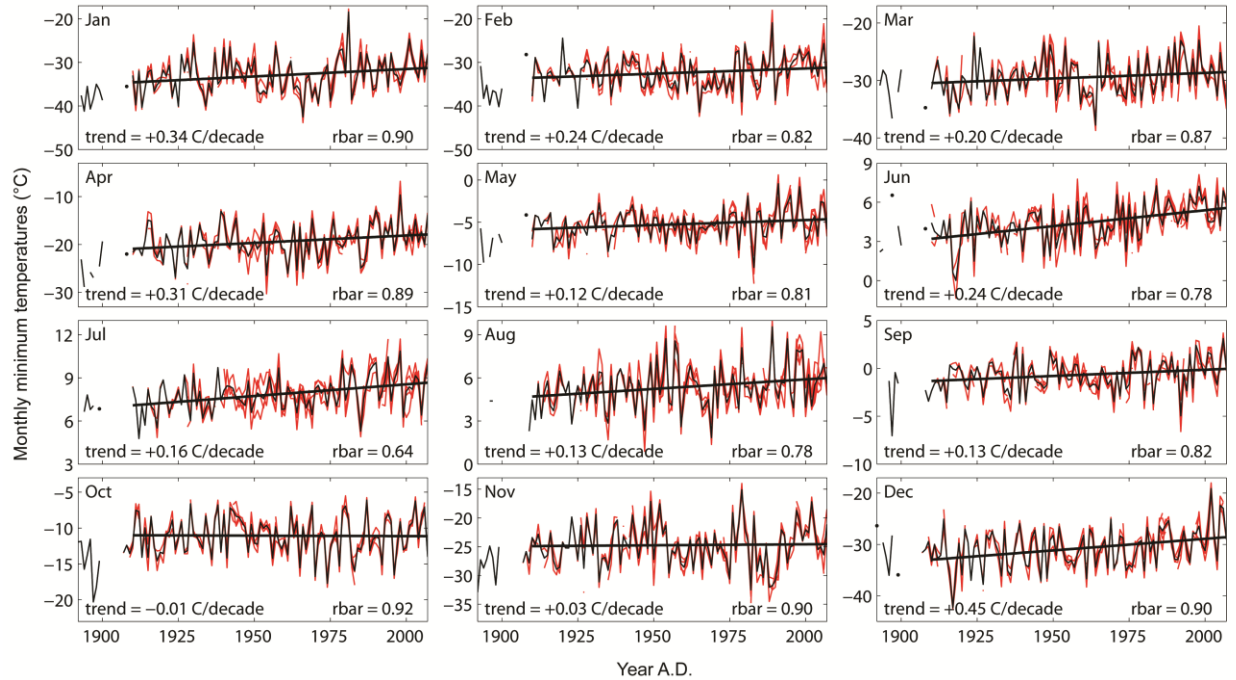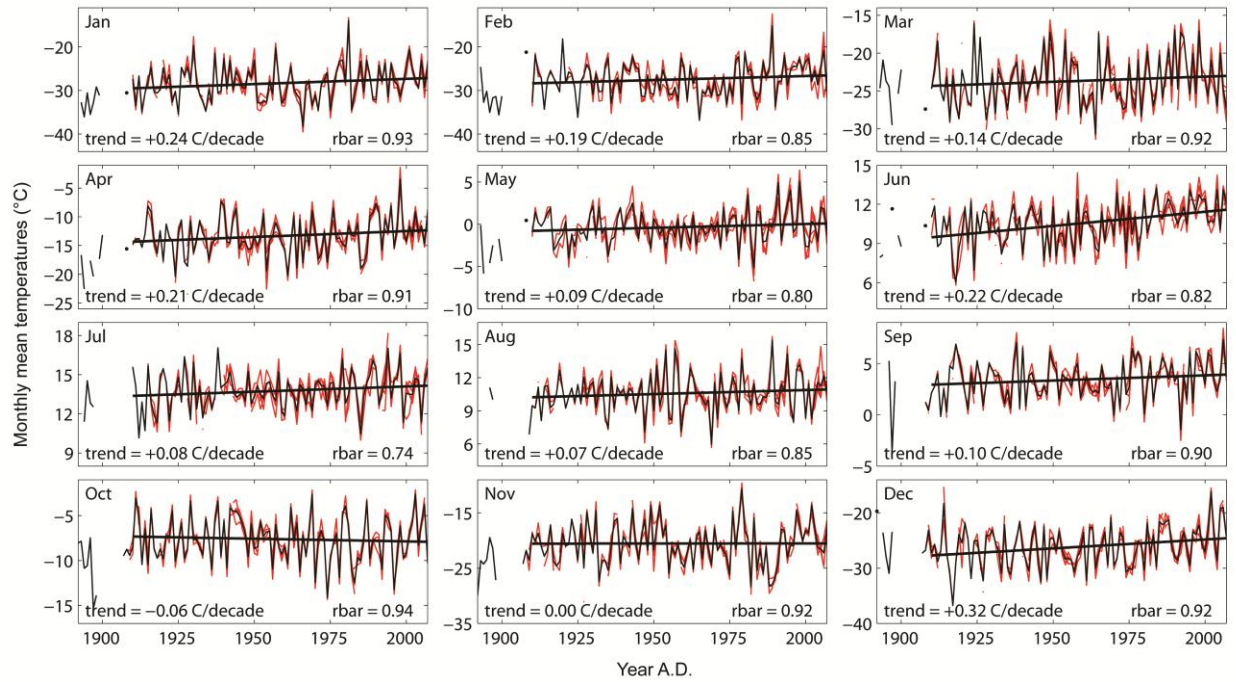Online Resource 1. Comparison of monthly minimum temperatures for Tuktoyaktuk, Inuvik, Aklavik, Fort McPherson, Fort Good Hope, and Norman Wells (red); the mean and variance of all station data were adjusted to match the Inuvik record due to geographical biases; the regional averages are indicated (black). For each month, there is overlap from at least two stations from AD 1910-2008 ('trend' indicates the slope of the line over this period); mean inter-correlations (rbar) are provided, all are significant at p ≤ 0.001.
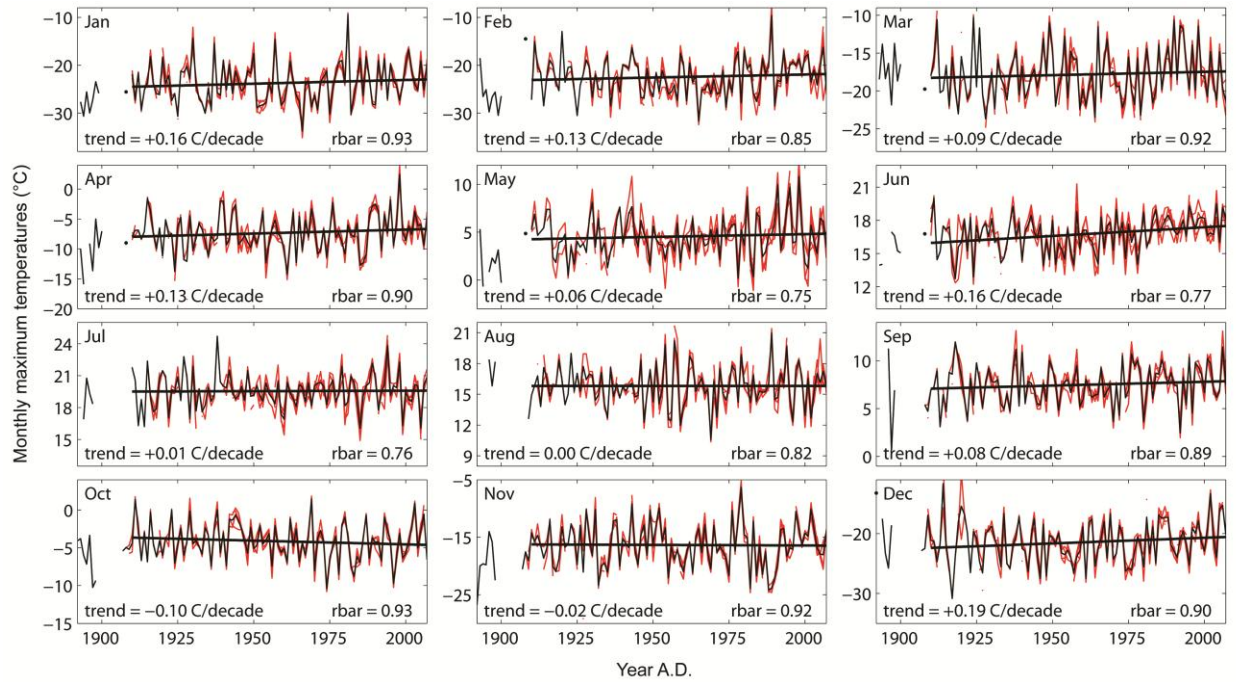
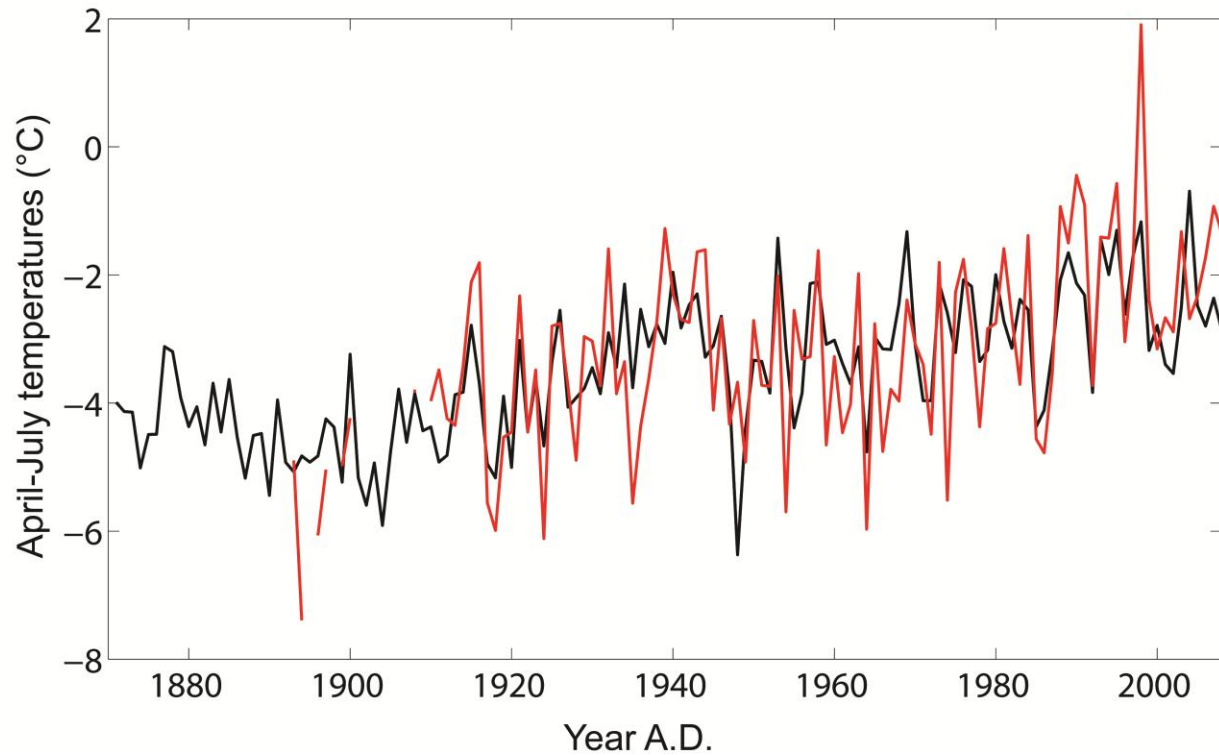Online Resources – Porter et al.

Online Resource 2. Same as Online Resource 1, but for mean temperatures.

Online Resources – Porter et al.

Online Resource 3. Same as Online Resource 1, but for maximum temperatures.

Online Resource 4. Comparison of local April-July minimum temperatures (red) and 20CR (20th Century V2 Reanalysis; Compo et al. 2011) April-July mean temperatures for the area 60-70°N, 130-140°W; the mean and variance of the 20CR data were adjusted to the local temperature data; the inter-correlation is 0.69 (p ≤ 0.001).
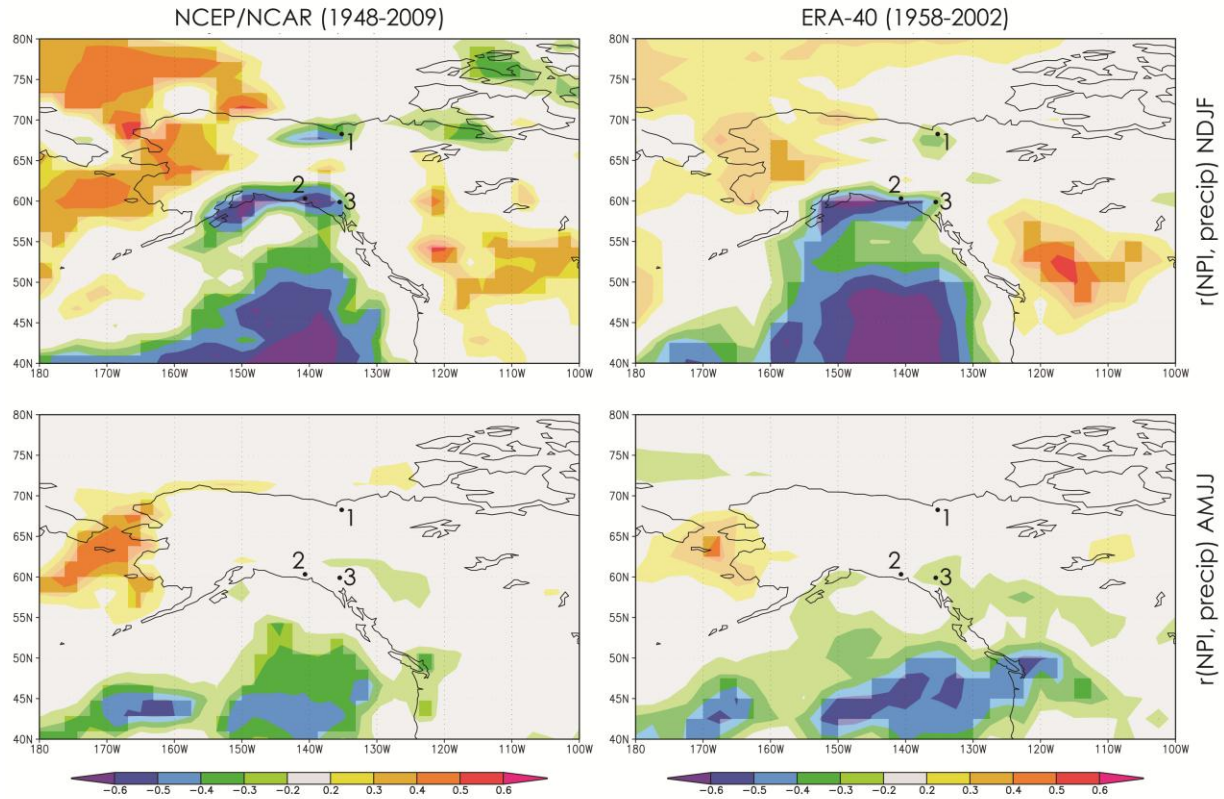
Online Resource 5. Correlation between NPI and the precipitation amount field for fall-winter (NDJF; top) and spring-summer (AMJJ; bottom) months. Results based on the NCEP/NCAR (Kalnay et al. 1996) and ERA-40 (Uppala et al. 2005) Reanalysis datasets are compared. Correlation maps were plotted in KNMI Climate Explorer (http://climexp.knmi.nl); correlations significant at $p \leq 0.05$ (two-tailed) are in bold colour, non-significant correlations are in light colour. Points 1, 2, and 3 are Timber, NWCol/PRCol, and Jellybean Lake, respectively.

Online Resources – Porter et al.

References

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Kalnay E, Kanamitsu M, Kistler R et al. (1996) The NCEP/NCAR 40-Year Reanalysis Project. Bull Am Meteorol Soc 77: 437–471

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