Supplement materials:

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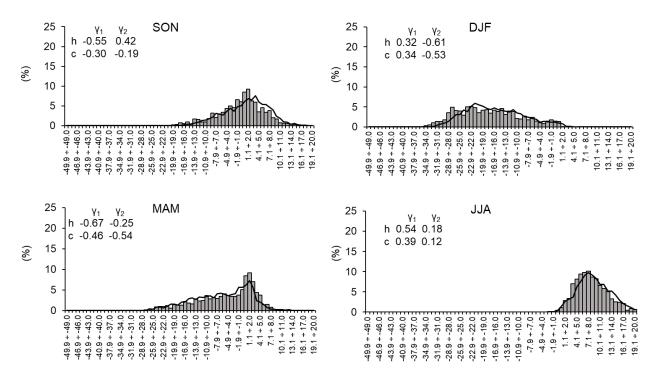


Figure S1. Seasonal (Sep–Nov, Dec–Feb, etc.) relative frequencies of occurrence (in %) of MDAT in historical (bars) and modern (lines) sites located in Okak 1776-87 and Sep 1990 – Aug 2020. Values of skewness (γ 1) and kurtosis (γ 2) for historical (h) and contemporary (c) times are also shown.

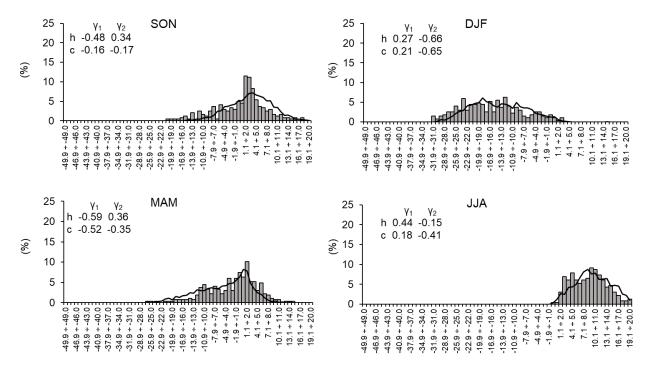


Figure S2: Seasonal (Sep–Nov, Dec–Feb., etc.) relative frequencies of occurrence (in %) of MDAT in historical (bars) and modern (lines) sites located in Hopedale 1782–86 and 1990–2020. Values of skewness (γ 1) and kurtosis (γ 2) for historical (h) and contemporary (c) times are also shown.

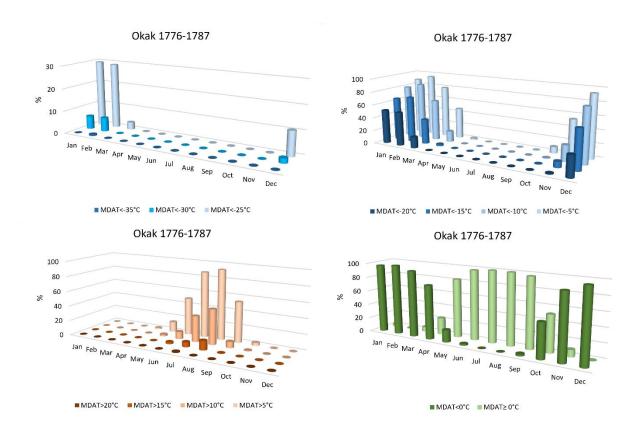


Figure S3. Annual courses of relative frequency of occurrence (in %) of characteristic days in Okak in historical time.

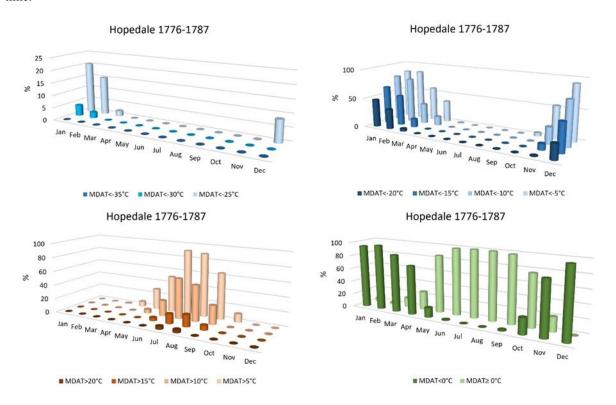


Figure S4. Annual courses of relative frequency of occurrence (in %) of characteristic days in Hopedale in historical time.