



Supplement of

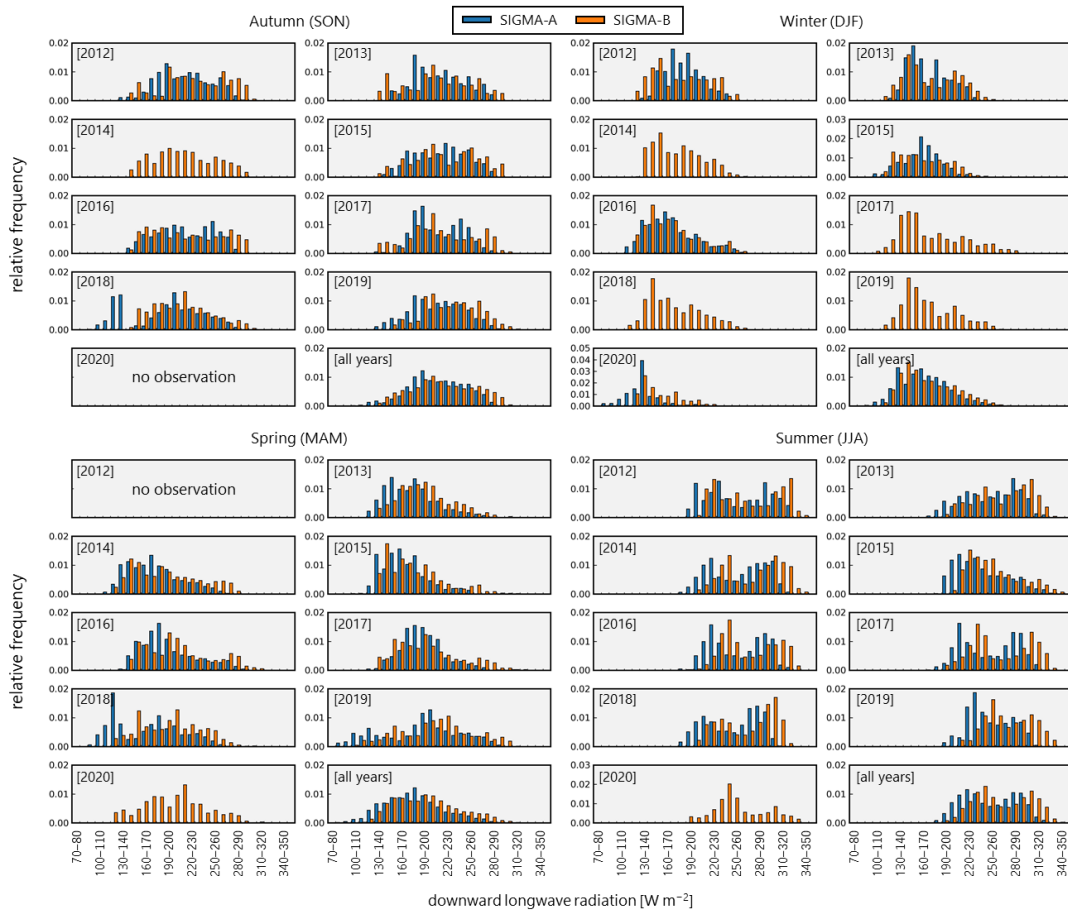
Quality-controlled meteorological datasets from SIGMA automatic weather stations in northwest Greenland, 2012–2020

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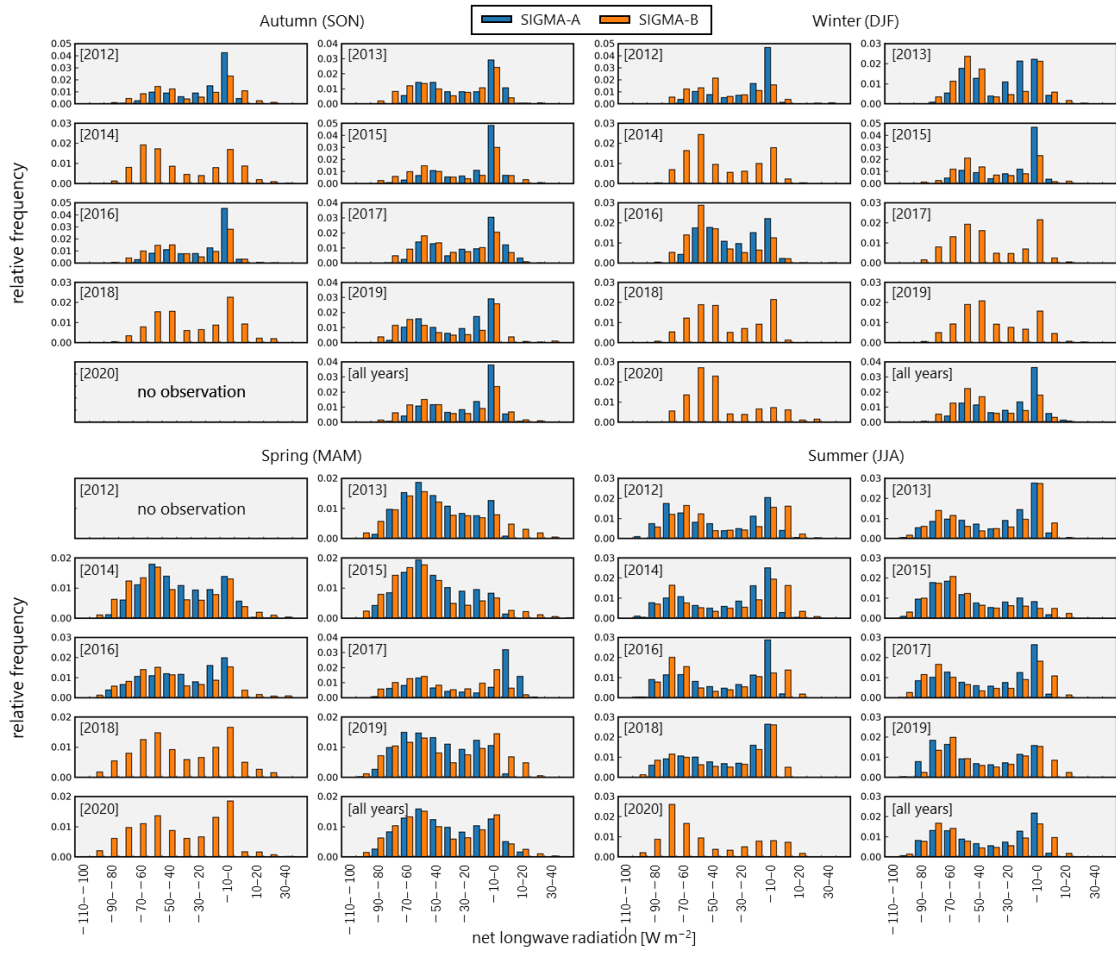
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1 **Supplementary materials**



2

3 **Figure S1.** Histograms of downward longwave radiation (LW_d) in each season and year at the SIGMA-
 4 A (blue) and SIGMA-B (orange) sites. If more than half of the observation data were masked, the data
 5 were not plotted.



6
 7 Figure S2. Histograms of net longwave radiation (LW_{net}) in each season and year at the SIGMA-A
 8 (blue) and SIGMA-B (orange) sites.