Supplement of

The extremely warm summer of 2018 in Sweden – set in a historical context

Renate Anna Irma Wilcke et al.

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Figure S1. The maps show the land-sea mask of the models and illustrates how the distinction between northern (red) and southern (blue) Sweden has been made.
Figure S2. Observational stations operated in Sweden by SMHI used to calculate an average for the whole country.
Table S1. CMIP5 members used in this study. Details on the CMIP5 ensemble can be found in Taylor et al. (2012).

<table>
<thead>
<tr>
<th>Model name</th>
<th>Version</th>
<th>Horizontal grid</th>
<th>Time resolution</th>
<th>Radiative forcing</th>
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<td>192 × 145 N96</td>
<td>monthly</td>
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<td>T42 T42L26</td>
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<td>monthly &amp; daily (r1i1p1)</td>
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<td>monthly &amp; daily</td>
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<td></td>
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<td>monthly</td>
<td>rcp 8.5</td>
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<td>monthly</td>
<td>rcp 8.5</td>
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<td>monthly</td>
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<td>Model</td>
<td>Resolution</td>
<td>Domain</td>
<td>Frequency</td>
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<td>IPSL-CM5B-LR</td>
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<td>96 × 95 equivalent to 1.9° × 3.75° LMDZ96 × 95</td>
<td>monthly &amp; daily</td>
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<tr>
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<td>MRI-ESM1</td>
<td>r1i1p1</td>
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<td>monthly</td>
<td>rcp 8.5</td>
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<tr>
<td>NorESM1-M</td>
<td>r1i1p1</td>
<td>Finite Volume 1.9° latitude, 2.5° longitude</td>
<td>monthly &amp; daily (r1i1p1)</td>
<td>rcp 8.5</td>
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</table>