

The Supplement contains the original subdaily station series (Fig. S1), the daily temperature and pressure differences with all dates displayed at full opacity (Fig. S2), and the complete monthly temperature and pressure anomaly fields for 1883–1887 (Figs. S3 and S4).

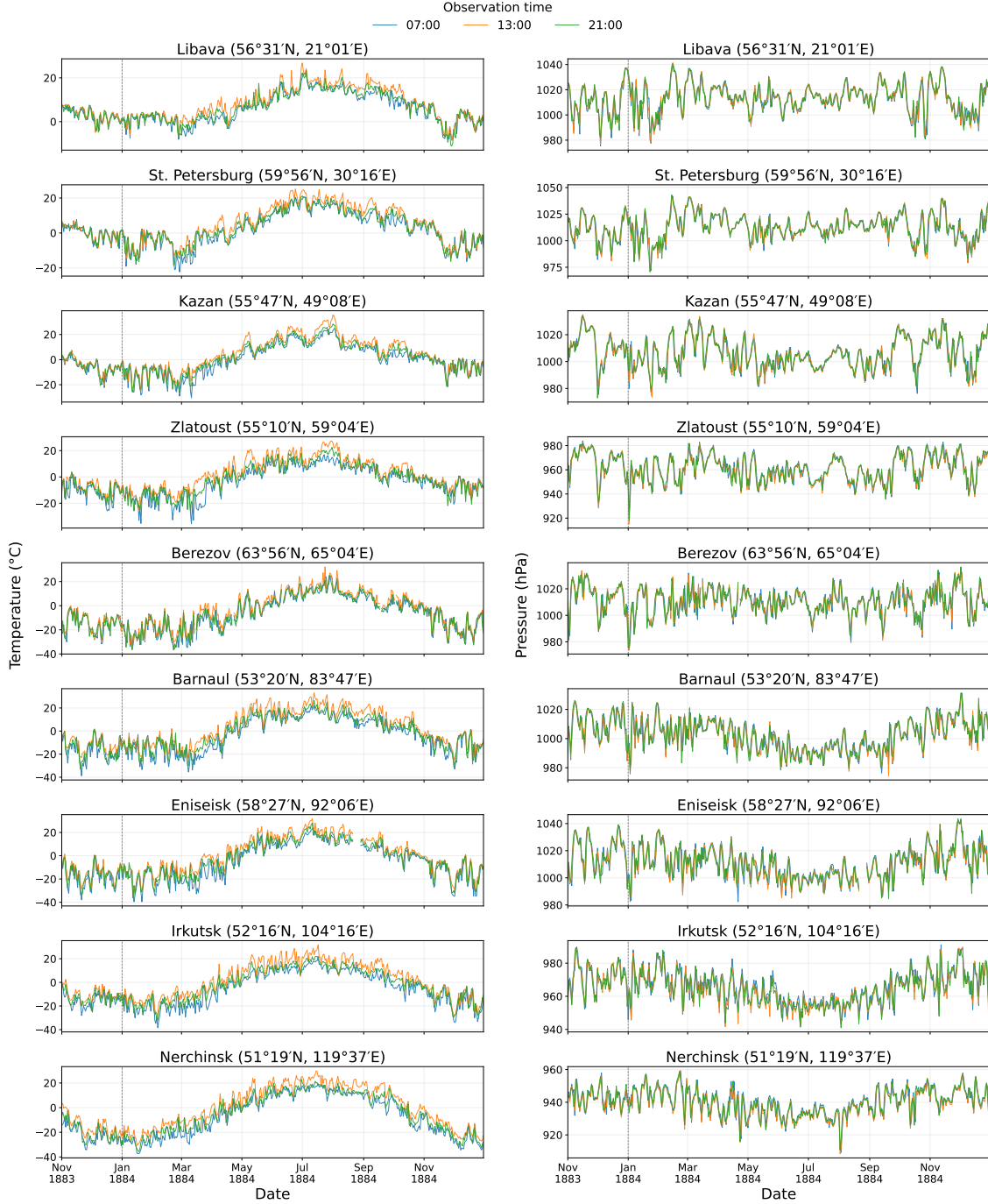


Fig. S1: Subdaily air temperature (left) and station pressure (right) at nine stations arranged from west to east, from Libava (present-day Liepāja, Latvia) to Nerchinsk (Russia), for November 1883–December 1884. Colours denote observations at 07:00, 13:00, and 21:00. Values are shown as the reported observations rather than as climatological anomalies. The vertical black line indicates 1 January 1884.

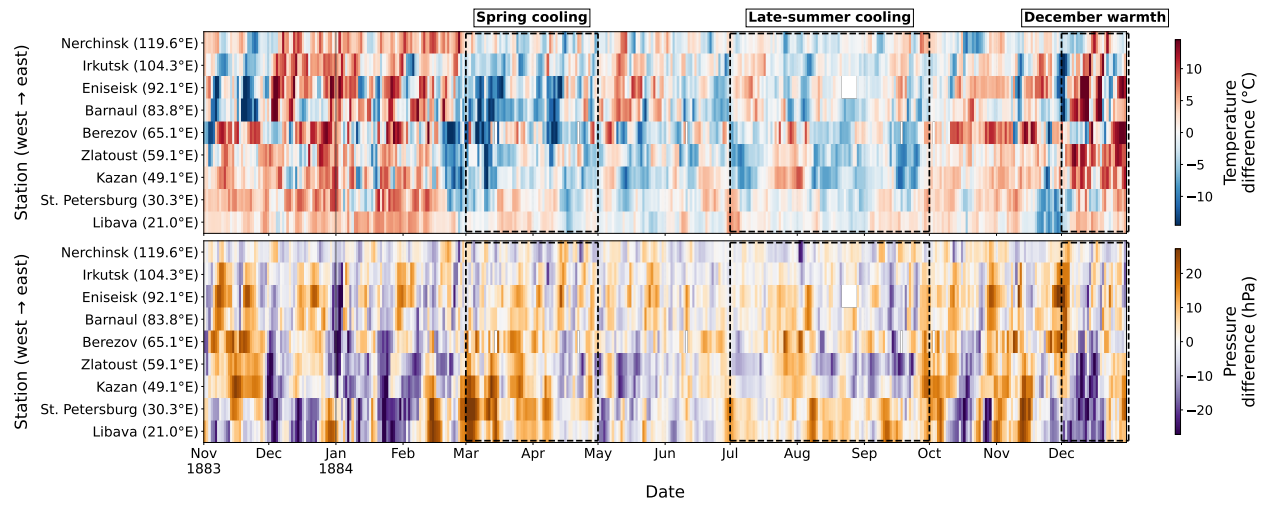


Fig. S2: Same daily air-temperature (top) and station-pressure (bottom) differences as in Fig. 3 of the main manuscript, but with all temporal intervals shown at full opacity.

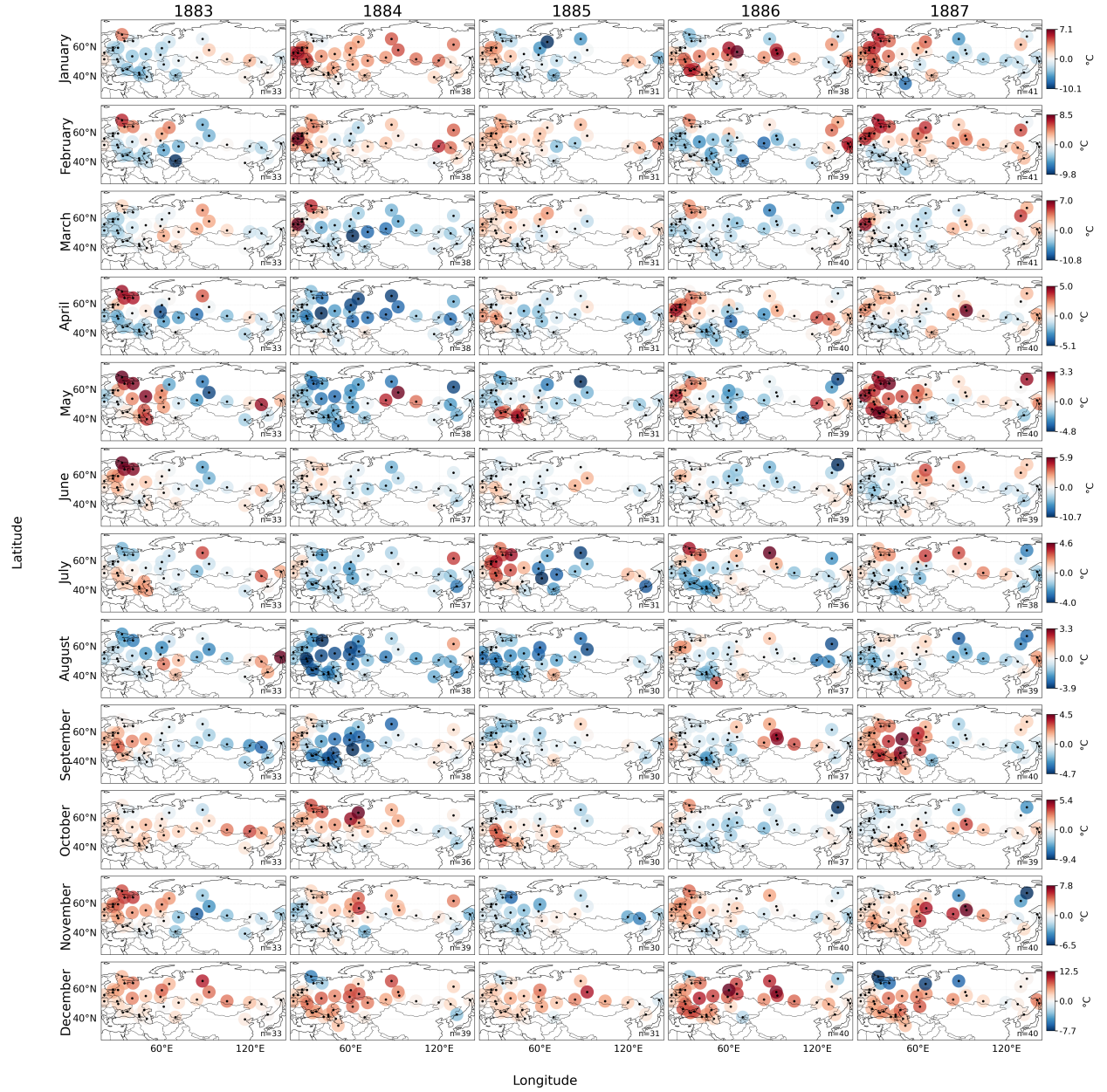


Fig. S3: Monthly air-temperature anomalies across the Eurasian station network for 1883–1887. Columns show individual years and rows show calendar months from January to December. Each symbol represents the anomaly at an individual station, and each month row uses its own colour scale. The circle size is fixed for visual clarity and does not represent the magnitude of the anomaly.

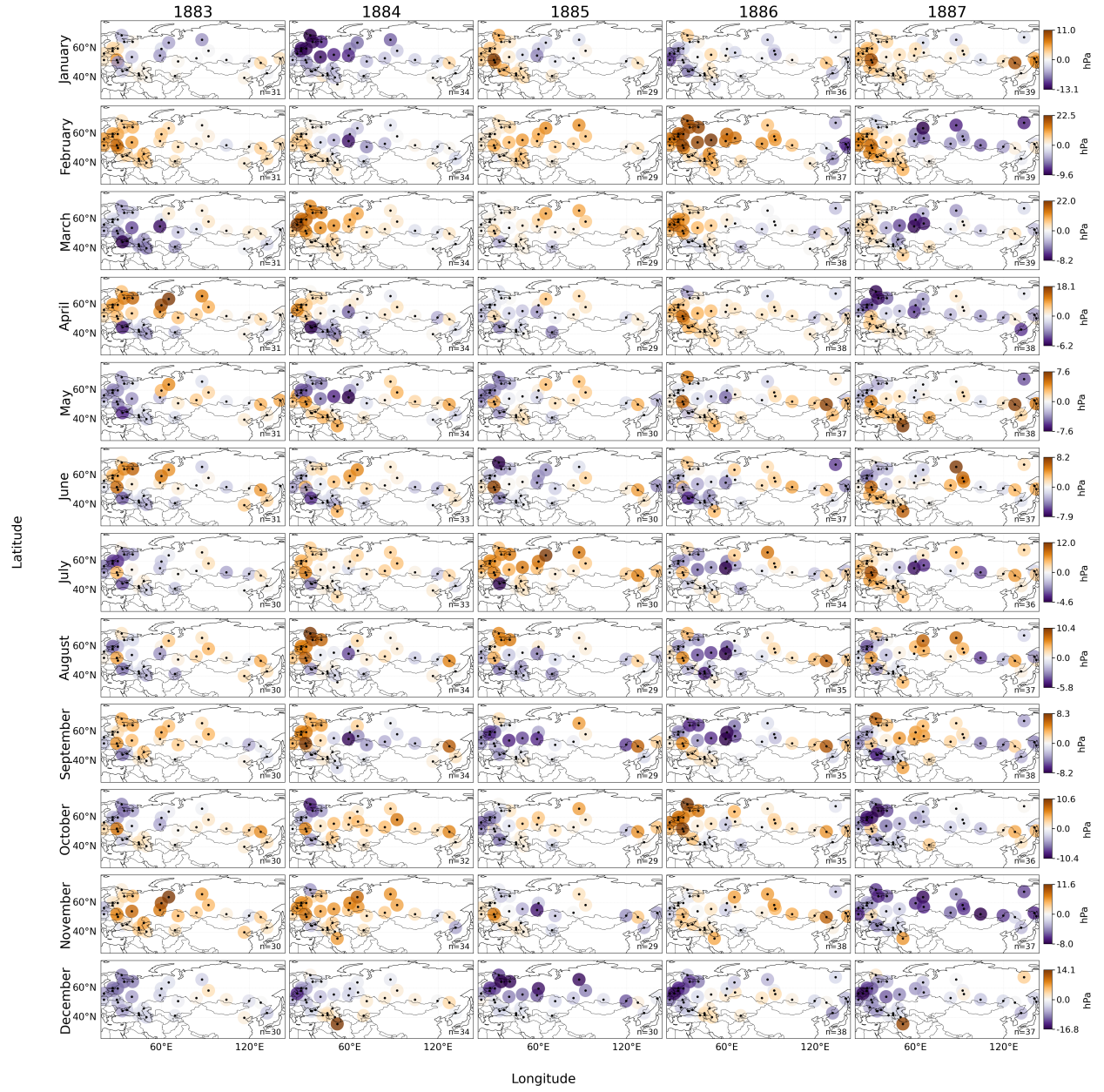


Fig. S4: The same as Fig. S3 but for station-pressure anomalies.