

Supplementary Material

Dominant influence of the humidity in the moisture source region on the ^{17}O -excess in precipitation on a subtropical island

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Supplementary Figures S1-2

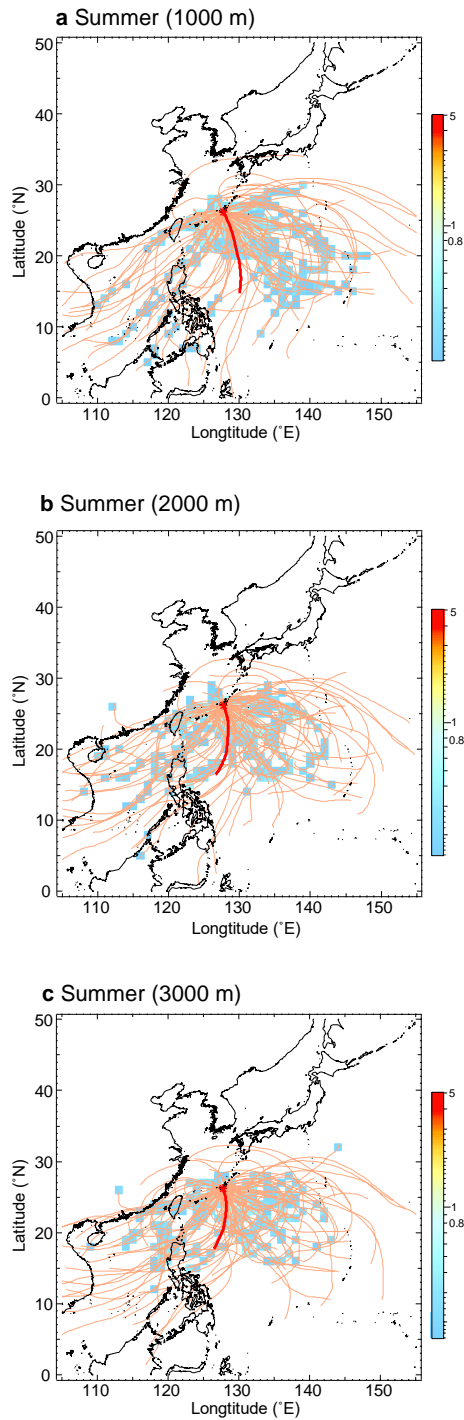


Figure S1. 3-day backward trajectory analysis for different starting altitudes

The same as the summer season analysis in Figure 1 but for different starting altitudes. Backward trajectories (thin orange lines) and their average (bold red line) for starting altitudes of 1000 m AGL (**a**), 2000 m AGL (**b**) and 3000 m AGL (**c**).

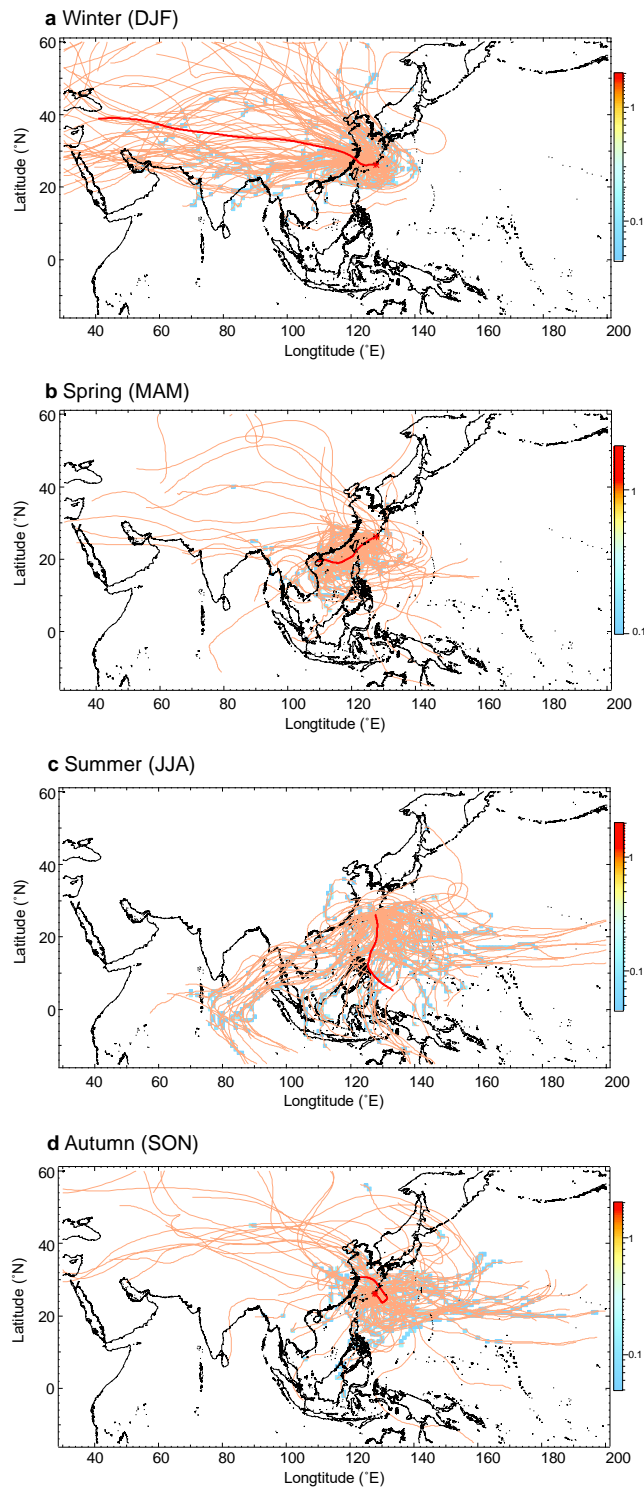


Figure S2. 10-day backward trajectory analysis for four seasons

The same as Figure 1 but based on 10-day backward trajectory analysis. Backward trajectories (thin orange lines) and their average (bold red line) for the winter (DJF) (**a**), the spring (MAM) (**b**), the summer (JJA)(**c**), and the autumn (SON) (**d**).