



Supplement of

Analysis of elevated spring-time levels of Peroxy Acetyl Nitrate (PAN) at the High Alpine research sites Jungfraujoch and Zugspitze

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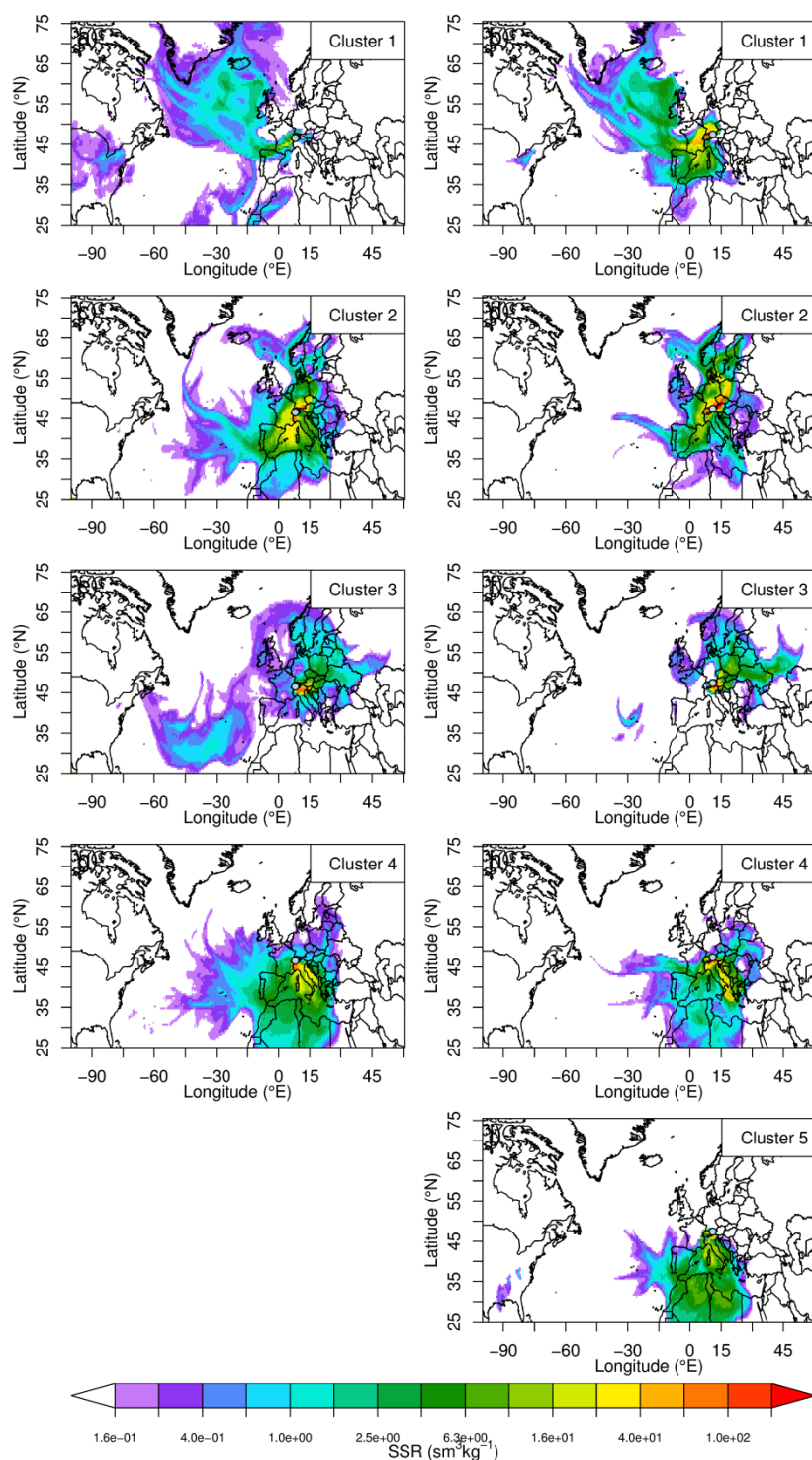


Figure S1. Cluster average surface SRRs for the larger North Atlantic domain and for (left: a, c, e, g) JFJ and (right: b, d, f, h, i) ZSF. Larger SRR indicate a larger sensitivity of the samples air masses to surface fluxes (emissions or deposition). The sampling locations are given by a light blue circle.

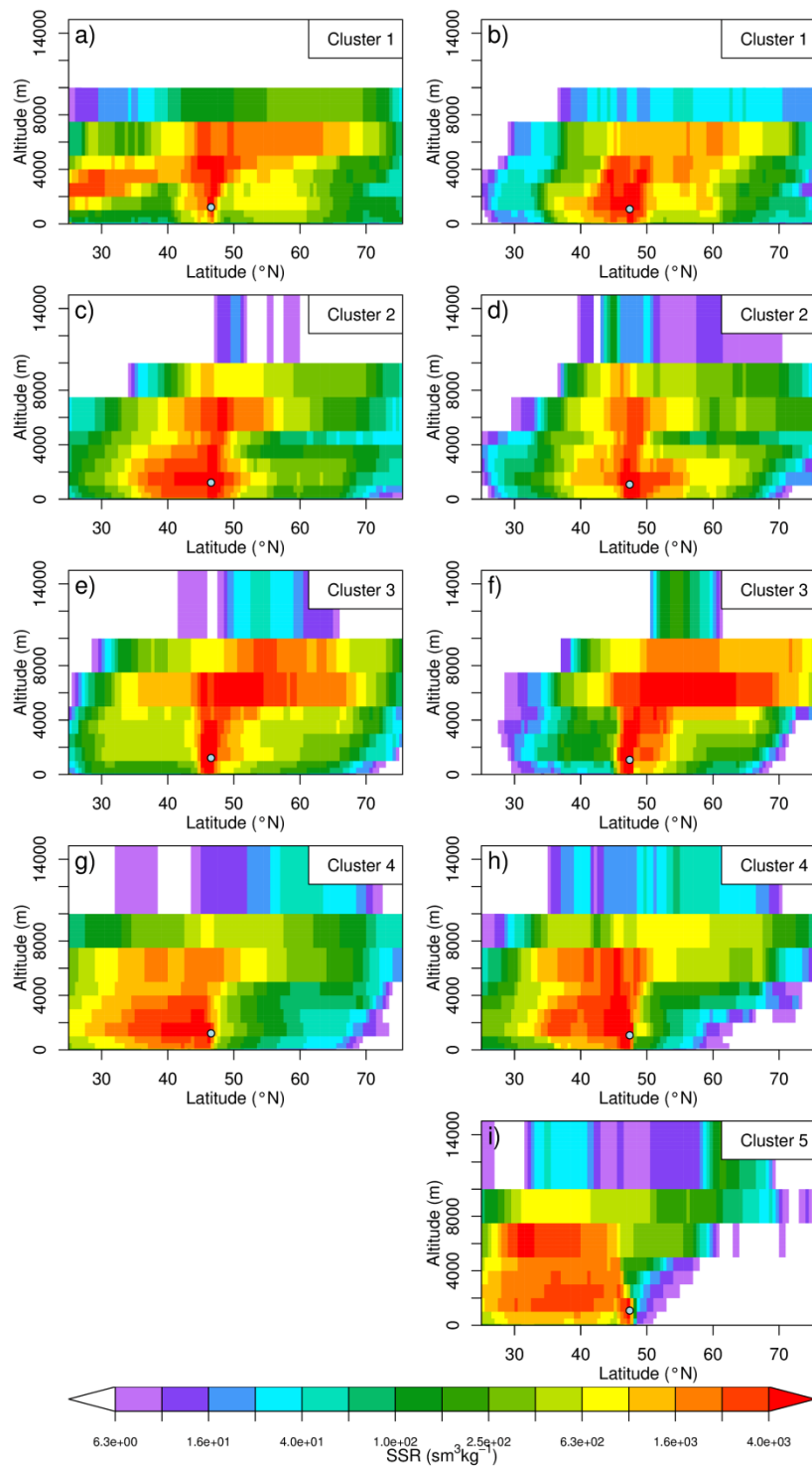


Figure S2. Cluster average latitude-altitude distribution of SRRs for the larger North Atlantic domain and for (left: a, c, e, g) JFJ and (right: b, d, f, h, i) ZSF. The sampling locations are given by a light blue circle.

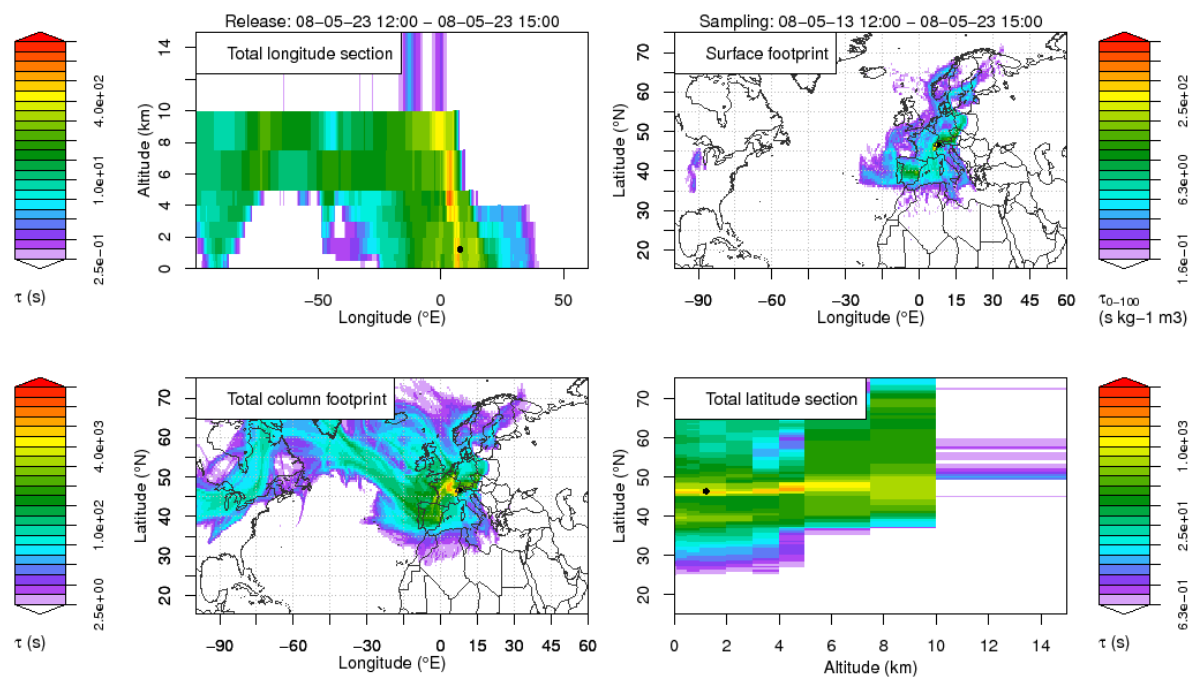


Figure S3: Source sensitivities at the surface (top right), the total column (bottom left) and in two altitude cross sections (top left and bottom right) for situation with potential stratospheric influence at JFJ on 23 May 2008.