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Long-term deposition and condensation ice-nucleating particle measurements from four stations across the globe

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Figure S1. Image of ATTO in the Brazilian Rainforest (AZ).

Figure S2. Image of OVSM in Martinique in the Caribbean (MQ).

Figure S3. Image of Taunus Observatory in central Germany (TO).

Figure S4. Image of Zeppelin Observatory in Svalbard (SB). Photography by: Ove Hermansen, NILU.

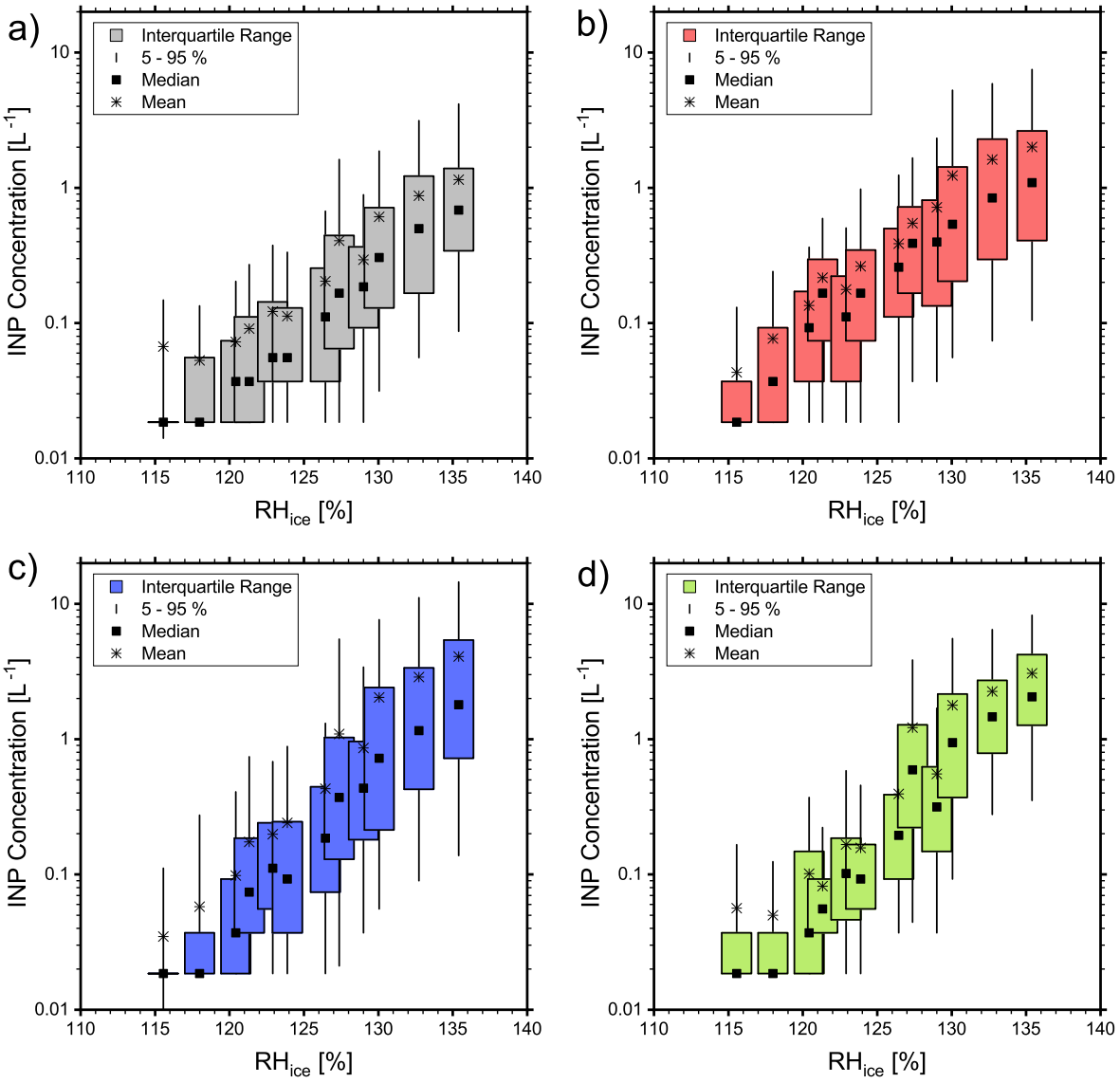

Figure S5. INP concentrations with respect to ice supersaturation for the sites SB (a), TO (b), MQ (c) and AZ (d). Boxes represent the interquartile range of observations, whiskers represent the 5–95 % range, squares indicate the median and stars give the arithmetic mean.

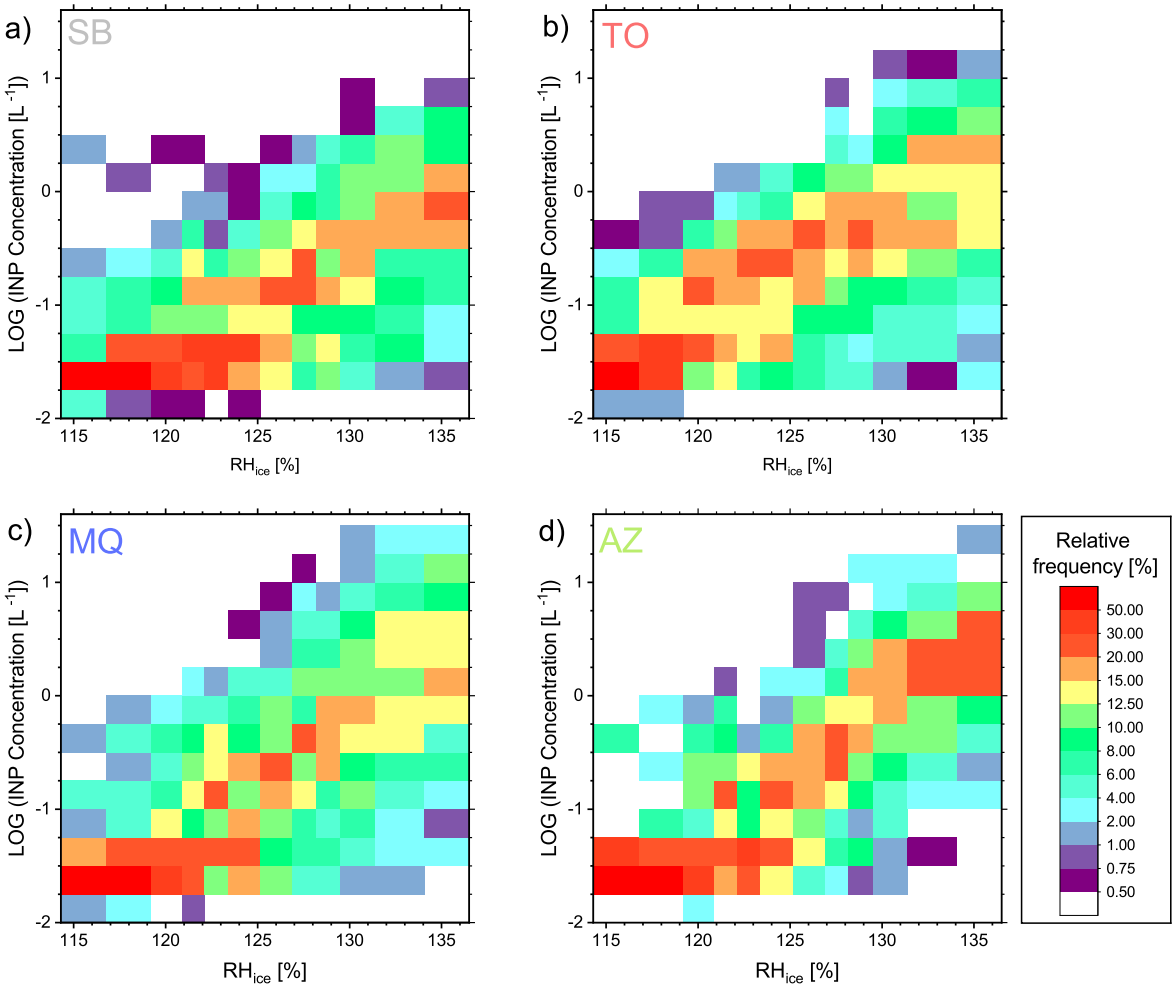

Figure S6. Contour plots of the probability density distributions of the INP concentrations for the complete spectrum of measurement conditions for the sites SB (a), TO (b), MQ (c) and AZ (d).

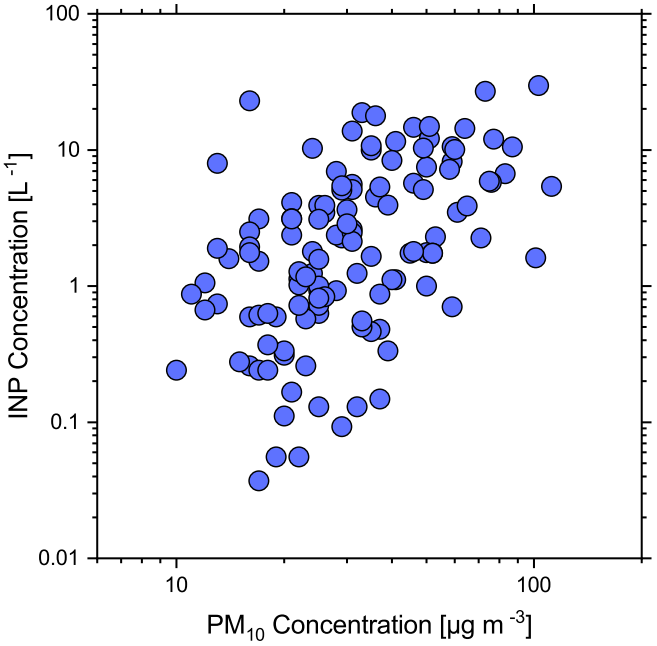

Figure S7. Scatter plot of the PM_{10} concentration (MadininAir) and the INP concentration at MQ at $RH_{water} = 101\,\%$ and $T = -30\,^{\circ}\mathrm{C}$.

References

NILU, Norwegian Institute for Air Research website: https://www.nilu.com/facility/nilus-observatories-and-monitoring-stations/zeppelin-observatory/, last access: 06 October 2020.