



Corrigendum to “Snow microphysical processes in orographic turbulence revealed by cloud radar and in situ snowfall camera observations” published in Atmos. Chem. Phys., 26, 3277–3297, 2026

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After publication of the above mentioned article, several errors were identified that were already present during submission of the article.

In the original publication, differences in radar reflectivity were incorrectly reported with the unit dBZ km^{−1} in parts of the text as well as in figure labels. Since these values represent differences in logarithmic reflectivity, the correct unit is dB km^{−1}. This correction applies to the following locations in the manuscript: Abstract, values previously given as 20 dBZ km^{−1} and 15 dBZ km^{−1} should read 20 dB km^{−1} and 15 dB km^{−1}, respectively (p. 3277, second paragraph), Fig. 9 (p. 3288, *x*-axis label and legend in panel d), Fig. 10 (p. 3289, *x*-axis labels in panels a–i), Sect. 3.2, the value previously given as 5 dBZ km^{−1} should read 5 dB km^{−1} (p. 3288, left column, second paragraph at Quadrant I), Sect. 4, values previously given as 20 dBZ km^{−1} and 15 dBZ km^{−1} should read 20 dB km^{−1} and 15 dB km^{−1}, respectively (p. 3292, left column, second and third bullet points in the key findings). This error concerns only the unit notation. The numerical values, analysis, and interpretation remain unchanged.

In the caption of Fig. 10 (p. 3289), the descriptions of panels (c)–(f) refer to the wrong panel, and the descriptions of panels (g)–(i) are missing. The corrected caption of Fig. 10 can be found below.

In addition, Nina Maherndl was inadvertently omitted from the Acknowledgments in the original publication. She is acknowledged for processing the rime mass fraction retrieval for the CORSIPP dataset together with Maximilian Maahn.

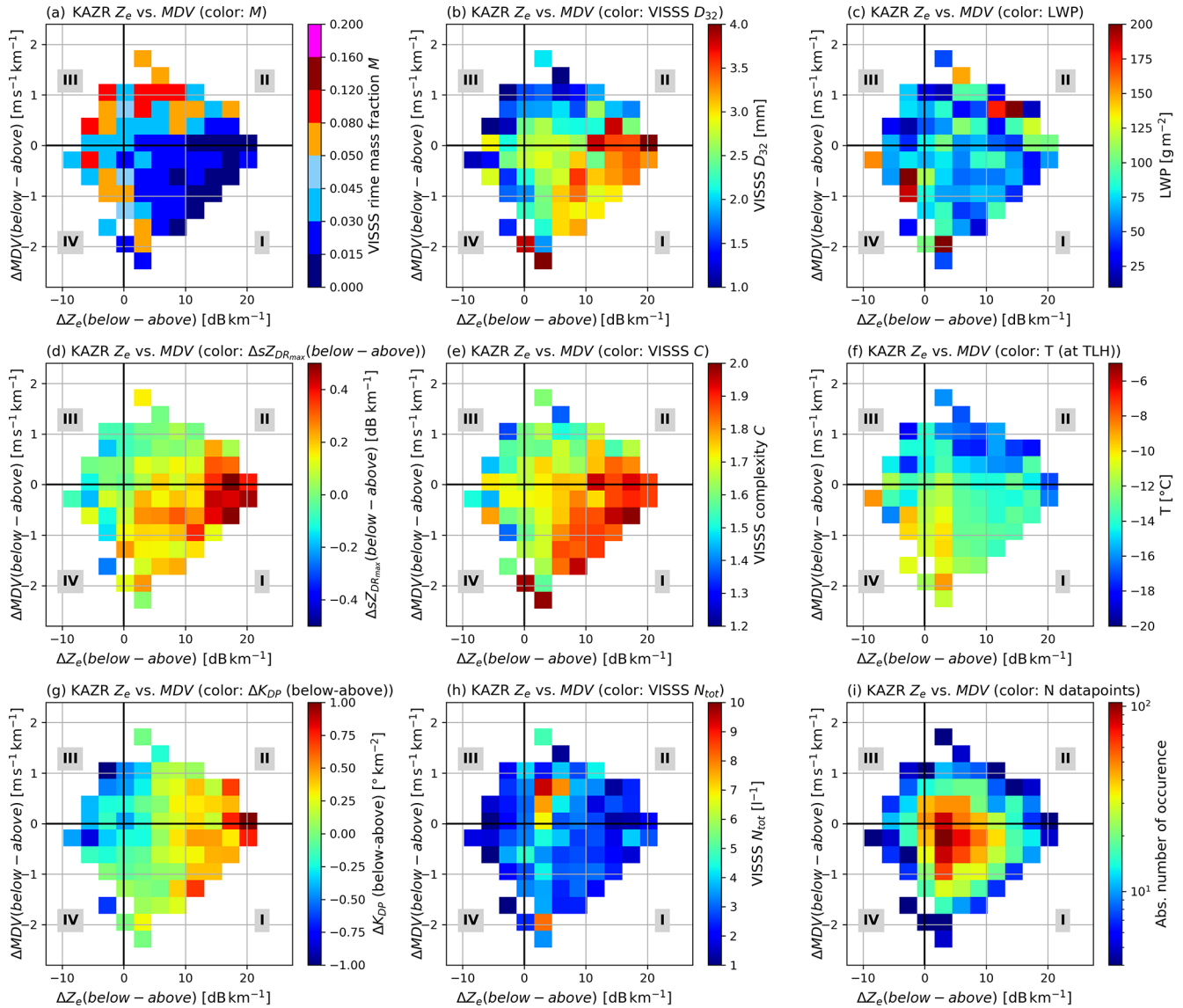


Figure 10. 2D histograms showing the difference of radar variables below – above the turbulent layer, the color of each square represents the mean of a third variable. Each square contains at least 4 data points. MDV is defined negative upward. All panels divide the x -axis and y -axis into quadrants (I–IV). (a) KAZR ΔZ_e vs. ΔMDV , color: VISSS M ; (b) KAZR ΔZ_e vs. ΔMDV , color: VISSS D_{32} ; (c) KAZR ΔZ_e vs. ΔMDV , color: LWP; (d) KAZR ΔZ_e vs. ΔMDV , color: $\Delta s Z_{DR_{max}}$; (e) KAZR ΔZ_e vs. ΔMDV , color: VISSS C ; (f) KAZR ΔZ_e vs. ΔMDV , color: T at TLH; (g) KAZR ΔZ_e vs. ΔMDV , color: LIMRAD94 ΔK_{DP} ; (h) KAZR ΔZ_e vs. ΔMDV , color: VISSS N_{tot} ; (i) KAZR ΔZ_e vs. ΔMDV , color: number of data points.