



Supplement of

Cloud height mapping using multi simultaneous sky images from an all-sky camera network

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Supplementary material: Complementary cases

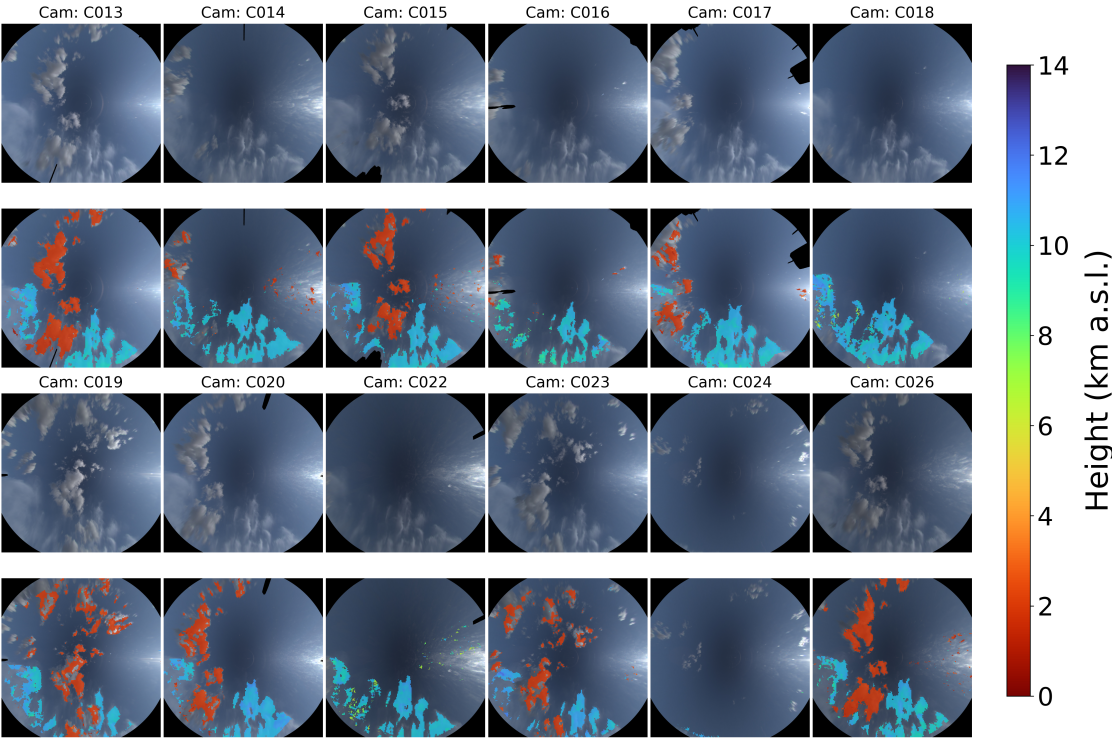


Figure S1. Cloud height values obtained for all cameras available at 17:40 UTC on 7 September 2024. For each camera, the plane projected image north-up oriented is shown, along with the estimated cloud height values overlaid on the same image.

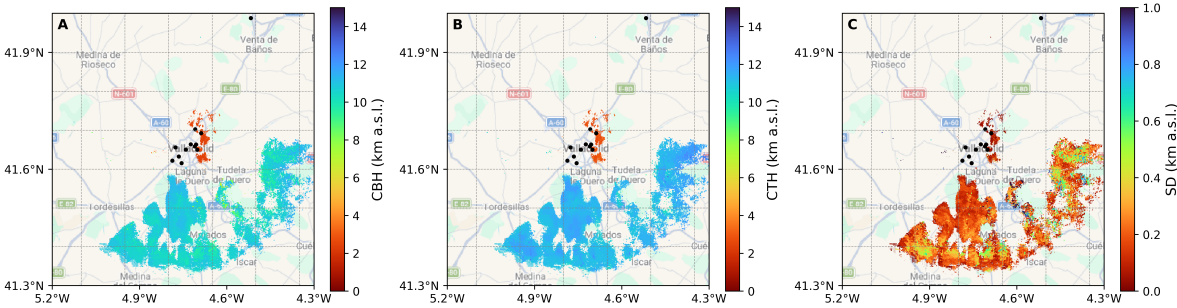


Figure S2. Values for cloud base height (CBH, A), cloud top height (CTH, B) and standard deviation of the valid cloud point heights within each bin of the planar Cartesian latitude–longitude grid (C). Black dots indicate the locations of the cameras that contribute to the stereoscopic calculation (7 September 2024, 17:40 UTC).

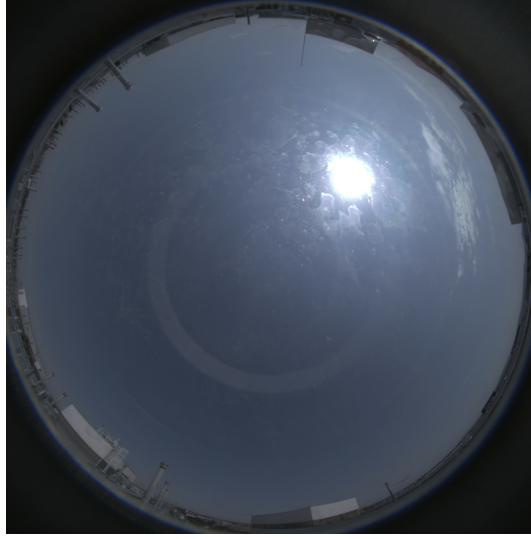


Figure S3. Image from C013 all-sky camera on 15 August 2025 at 10:15 UTC.

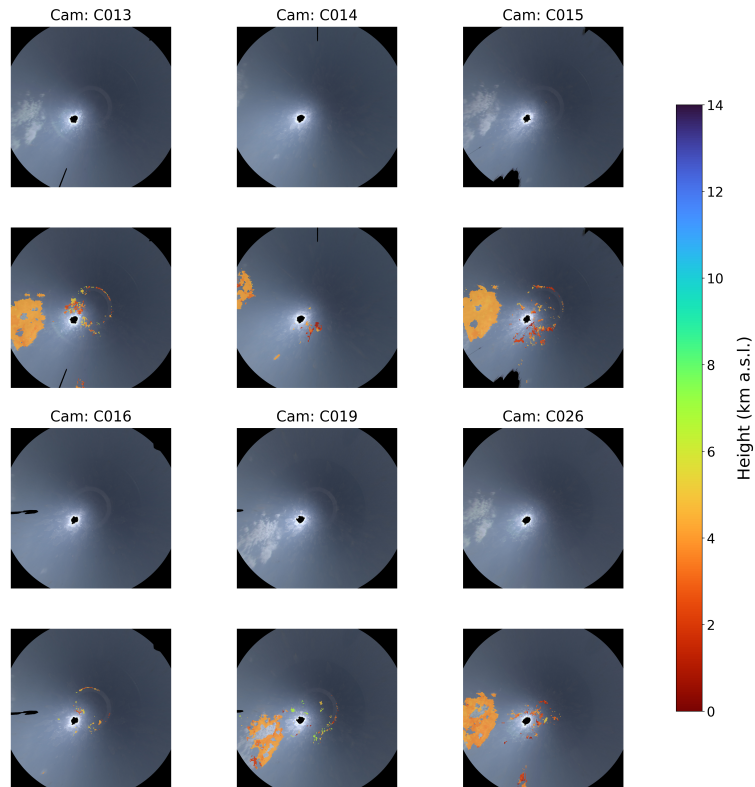


Figure S4. Cloud height values obtained on 15 August 2025 10:15 UTC illustrating the misclassification of dust on the camera domes as cloud structures. For each camera, the plane projected image north-up oriented is shown, along with the estimated cloud height values overlaid on the same image.

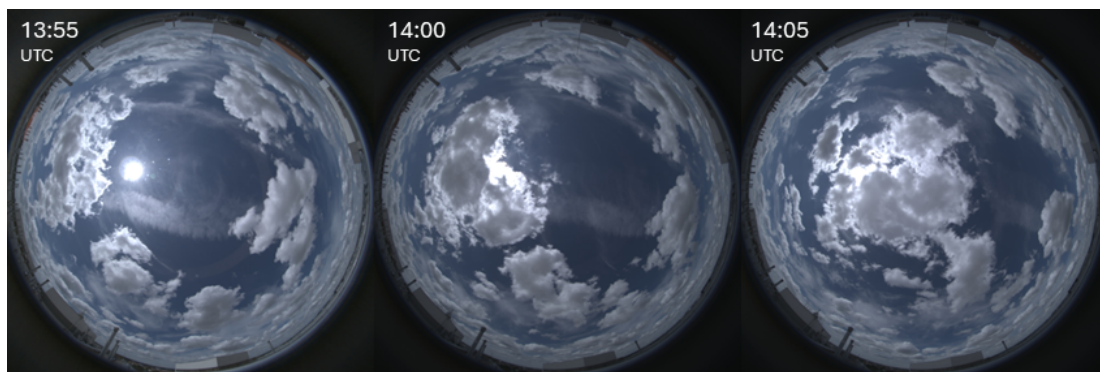


Figure S5. Sequence of images from C013 all-sky camera on 26 May 2024 at 13:55, 14:00 and 14:05 UTC.