

Dear Silvio Davolio,

in the proofreading we found some formulations that were either unclear or erroneous. We would like to change these to improve the quality of the paper:

- P.4, after equation (3): We noted that α_s is never described. Further naming it α_d would reduce confusion.

We would like to specify this and suggest the following change. Replace:

”The **vertical-shear angle**, $\alpha = [\alpha_s - \alpha_p] \pmod{360^\circ}$, is derived from the angle between the differential wind vector, $\Delta\vec{u}$, and the propagation direction, α_p , of the PL. ”

by:

”The **vertical-shear angle**, $\alpha = [\alpha_d - \alpha_p] \pmod{360^\circ}$, is derived from the angle between the orientation of the differential wind vector, α_d , and the propagation direction, α_p , of the PL.”

- P.6, column 2, line 2: This part of the sentence is difficult to read;
”Contours in high values in the medium-level cloud cover associated with each node have distinct patterns (Fig. 2),...”
It would be better to replace it with the following:
”The medium-level cloud cover associated with each node has a distinct pattern (Fig. 2),...”
- Table 2: We included a mistake and inconsistent formulation for the shear strength, $\frac{u}{\partial z}$, at three instances. To be consistent with the formulation it should be as in the method section: $\left| \frac{\Delta\vec{u}}{\Delta\vec{z}} \right|$

With best regards,
Patrick Stoll and coauthors