Comment on amt-2022-159
Anonymous Referee #1

Referee comment on "Phase correlation on the edge for estimating cloud motion" by Bhupendra A. Raut et al., Atmos. Meas. Tech. Discuss., https://doi.org/10.5194/amt-2022-159-RC1, 2022

General comments:
The subject of the paper is relevant to the subject of this journal. The paper contains some new data relevant for publication. The presentation is clearly described, also the length of the paper is adequate. The title and the abstract are pertinent and understandable.
The authors give proper credit to related work and clearly indicate the own contribution.

Specific Comments:
- Section 2: the tools applied are not explained (e.g. which programming language, libraries for image processing, etc.)
- Section 2.1: an image of the used instrumentation (TSI, Sage camera) would be instructive. Also, explain "CEIL".
- Section 2.2: Explain in more detail the phase correlation and FFT methodology, not just refer to the paper of Leese et al. C(μ,ν) is not explained.
- Section 3: The U and V components are used widely in the manuscript but nowhere explained in detail.