

## ***Interactive comment on “A conservative reconstruction scheme for the interpolation of extensive quantities in the Lagrangian particle dispersion model FLEXPART” by Sabine Hittmeir et al.***

**W. Angevine (Referee)**

[wayne.m.angevine@noaa.gov](mailto:wayne.m.angevine@noaa.gov)

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The manuscript describes an improved interpolation scheme for precipitation in FLEXPART, evaluates the scheme comprehensively, and suggests broader applications. It is well-written and well-presented. I have only a few minor corrections and clarifications to suggest.

1. It would be helpful to define "extensive" and "intensive" variables.
2. p.6 line 10: It would be better English to say "current" rather than "actual."

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3. p.10 line 2: Please check the part after "equivalently" to make sure the subscripts are correct and consistent.
4. Section 3.6.1: It would be helpful to state up front that this method is done as a second pass through the data. It becomes clear later.

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