



EGUsphere, community comment CC1
<https://doi.org/10.5194/egusphere-2022-441-CC1>, 2022
© Author(s) 2022. This work is distributed under
the Creative Commons Attribution 4.0 License.

Reply on CEC3

Andreas Stohl

Community comment on "Improving trajectory calculations by FLEXPART 10.4+ using single image superresolution" by Rüdiger Brecht et al., EGU sphere,
<https://doi.org/10.5194/egusphere-2022-441-CC1>, 2022

Dear editor,

Unfortunately, there seems to be a misunderstanding.

1) ECMWF re-analysis data are the best archived data that you can find. You can still get old re-analyses from decades ago, and they are versioned such that if there are multiple data streams, these are all preserved. So ERA5 may be superseded in the future but it will still be available.

2) The data volume is ~400 gigabytes even for the short time periods we use.

I have always been a strong advocate for open source, open data, etc., and we would openly share any data where it makes sense. In this case, however, I don't see how to do this, given the large data volumes!

I hope for your understanding!

Regards,

Andreas