

Weather Clim. Dynam. Discuss., author comment AC1 https://doi.org/10.5194/wcd-2021-24-AC1, 2021 © Author(s) 2021. This work is distributed under the Creative Commons Attribution 4.0 License.

## Reply on RC1

Michael A. Barnes et al.

Author comment on "Stratospheric intrusion depth and its effect on surface cyclogenetic forcing: an idealized potential vorticity (PV) inversion experiment" by Michael A. Barnes et al., Weather Clim. Dynam. Discuss., https://doi.org/10.5194/wcd-2021-24-AC1, 2021

The reply is attached.

Please also note the supplement to this comment: <a href="https://wcd.copernicus.org/preprints/wcd-2021-24/wcd-2021-24-AC1-supplement.pdf">https://wcd.copernicus.org/preprints/wcd-2021-24/wcd-2021-24-AC1-supplement.pdf</a>