

Second review of WCD-2019-6:

“Extratropical cyclone induced sea surface temperature anomalies in the 2013/14 winter”
by
Helen F. Dacre, Simon A. Josey, and Alan L. M. Grant

Recommendation: Accept with minor revisions

General Comments:

I appreciate the authors' detailed response to all my comments and find all my concerns adequately addressed and thereby recommend the manuscript for publication after the very minor comments below have been addressed.

Minor Comments:

Page and line numbers refer to the ones on the manuscript.

L58-59: As pointed out previously, the association of low-level baroclinicity and surface fluxes has been demonstrated by Papritz and Spengler (2015). The authors' response states that this paper is cited, though it appears to be still absent in the manuscript.

L146-147: The authors refer to equation (2) before the equation is introduced. Consider rearrangement so that the equation is introduced before discussing the different terms in it.

Reference:

Papritz, L., and T. Spengler, 2015: Climatological analysis of the slope of isentropic surfaces and its tendencies over the North Atlantic. Quart. J. Roy. Meteor. Soc., 141, 3226-3238, doi:10.1002/qj.2605