

Authors responses to the editor's comments

Characteristics of ocean mesoscale eddies in the Canadian Basin from a high resolution pan-Arctic model

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Minor comments

Reviewer: line 128: lowercase "g" for "gyre" (to be consistent with usage in line 130)

Authors: This has been adjusted following the recommendations of the editor.

Reviewer: line 184: for consistent should have a space between "W" and "m-1" to be consistent with usage everywhere else (e.g. line 192)

Authors: This has been adjusted following the recommendations of the editor.

Reviewer: line 185 and many times elsewhere (e.g. table 1, line 360, line 458, Fig 10 caption): the usage of · was fine before, not sure why it was removed, please restore or use \times to have "a.b $\times 10^c$ "

Authors: This has been adjusted following the recommendations of the editor.

Reviewer: (optional) line 260: would normally have the u and v italic rather than roman (so u instead of u , u or u), but this is used consistently in the manuscript so could just ignore this comment.

Authors: The typesetting of u , v has been modified following the recommendations of the editor.

Reviewer: fig 3 caption: the y in $\partial_y u$ should be italic (i.e. don't add anything to it or typeset it like I did)

Authors: This has been adjusted following the recommendations of the editor.

Reviewer: fig 4 caption: remove the dash before the "th" and straighten it like in the text (e.g. line 368). I normally do something like probably "10th

Authors: This has been adjusted following the recommendations of the editor.

Reviewer: fig 5 top row colobar units: inconsistent with usage elsewhere, want " $m^2 s^{-2}$ "

Authors: This has been corrected.

Reviewer: table 2: are the semicolons under ΔS and ΔT meant to be there?

Authors: Thanks for spotting that mistake that has been adjusted.