



EGUsphere, referee comment RC1
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Comment on egusphere-2022-635

Anonymous Referee #1

Referee comment on "A Numerical Study of Near Inertial Motions in Mid-Atlantic Bight Area Induced by Hurricane Irene (2011)" by Peida Han and Xiping Yu, EGU sphere, <https://doi.org/10.5194/egusphere-2022-635-RC1>, 2022

A good and timely study about properties of inertial waves.

What I miss is a more detailed description of the used boundary layer model (line 106) and how the definitions of its variables

relate to the analysis. Related to that is the rather poor Figure 5. Getting observed and modelled NIWs right requires good forcing

and a good ML model. So please highlight and enlarge important panels of Fig 5, come up with a metric (eg difference in NI EKE), and

discuss differences - if any.