The Environmental Modeling Center (EMC) is proposing to upgrade the Hurricane Weather and Research (HWRF) model in the summer of 2020. The NWS is seeking comments on this proposed change through April 14, 2020 for HWRF.

The full list of potential changes for HWRF is described in the link below:

https://www.emc.ncep.noaa.gov/gc_wmb/vxt/zack/FY20_HWRF_HMON/FY20_HWRF_one_slide_upgrade.pptx

Expected benefits from this upgrade include improved track and intensity forecast skill for tropical cyclones in all world ocean basins for HWRF. There are also expected reductions in intensity bias and storm size errors. Please check here for verification statistics for the North Atlantic Basin:


and the North East Pacific Basin in early April 2020:


The NWS will evaluate all comments to determine whether to proceed with this upgrade.

Please send comments on this proposal by April 14, 2020 to:

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National Public Information Statements are online at:

https://www.weather.gov/notification/

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