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Public Information Statement 20-15
National Weather Service Headquarters Silver Spring MD
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From: Vijay Tallapragada, Chief
 Modeling & Data Assimilation Branch
 NCEP/Environmental Modeling Center

Subject: Soliciting Public Comments on the Proposed Upgrade of
Hurricane Weather and Research Operational Model through April
14, 2020

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_oneslide_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:

https://www.emc.ncep.noaa.gov/gc_wmb/vxt/bliu/stats2020/ALAL1719_H20_AL1719_pset1/stats.php

and the North East Pacific Basin in early April 2020:

https://www.emc.ncep.noaa.gov/gc_wmb/vxt/bliu/stats2020/EPAL1719_H20_EP1719_pset1/stats.php

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:

Avichal Mehra, EMC
avichal.mehra@noaa.gov

or

Vijay Tallapragada, EMC
vijay.tallapragada@noaa.gov

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