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Public Information Statement PNS18-03  
National Weather Service Headquarters Silver Spring MD  
945 AM EDT Wed Mar 21 2018

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From:         Brian Gross, Acting Director  
              NCEP/Environmental Modeling Center

Subject:      Soliciting Public Comments on the Proposed Upgrade  
              of HWRF and HMON operational models through  
              April 12, 2018

The Environmental Modeling Center (EMC) is proposing to upgrade the Hurricane Weather and Research Forecasting (HWRF) and the Hurricanes in a Multi-scale Ocean-coupled Non-hydrostatic (HMON) models in early summer of 2018. The NWS is seeking comments on this proposed change through April 12, 2018.

The full list of potential changes for HWRF are available at:

[http://www.emc.ncep.noaa.gov/gc\\_wmb/vxt/HWRF/web/doc/2018\\_HWRF\\_upgrades.pdf](http://www.emc.ncep.noaa.gov/gc_wmb/vxt/HWRF/web/doc/2018_HWRF_upgrades.pdf)

and for HMON at:

[http://www.emc.ncep.noaa.gov/gc\\_wmb/vxt/HMON/web/doc/2018\\_HMON\\_upgrades.pdf](http://www.emc.ncep.noaa.gov/gc_wmb/vxt/HMON/web/doc/2018_HMON_upgrades.pdf)

Expected benefits from this upgrade include improved track and intensity forecast skill for tropical cyclones in all world ocean basins for HWRF and the North Atlantic, East Pacific and Central Pacific basins for HMON. There are also expected reductions in intensity bias and storm size errors. Please check for verification statistics for both HWRF and HMON in early April 2018:

[http://www.emc.ncep.noaa.gov/gc\\_wmb/vxt/HWRF/index.php](http://www.emc.ncep.noaa.gov/gc_wmb/vxt/HWRF/index.php)

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

Please send comments on this proposal by April 12, 2018, to:

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