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Public Information Statement 23-54
National Weather Service Headquarters Silver Spring MD
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From: Jason Levit, Chief
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Subject: Soliciting Comments through October 13, 2023 on the Proposed Upgrade of the North American Ensemble Forecast System (NAEFS) from Version 6 to Version 7

The National Weather Service (NWS) is soliciting public comments through October 13, 2023 on the proposed upgrade of the North American Ensemble Forecast System (NAEFS) from version 6 to version 7. The implementation of NAEFS v7 is currently scheduled for on or about 1200 Coordinated Universal Time (UTC) on November 28, 2023.

The proposed upgrade will enhance NAEFS by using all 31 members of the Global Ensemble Forecast System (GEFS), which is an addition of 10 members over the 21 members currently used in NAEFS v6. The use of all 31 GEFS members improves the overall accuracy of the forecast system.

In addition, NAEFS also outputs data from the Fleet Numerical Meteorology and Oceanography Center (FNMOC) global model at 1.0 degree resolution. This upgrade will replace the 1.0 degree data FNMOC products with 0.5 degree data products.

NAEFS v7 recently underwent both an internal and external scientific evaluation, and was approved for implementation. The results of the evaluation can be found at:

<https://www.emc.ncep.noaa.gov/users/meg/naefsv7/>

Comments on this proposed upgrade may be sent to:

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National Public Information Statements are online at:

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

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