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Public Information Statement, Comment Request  
National Weather Service Headquarters Washington DC  
1100 AM EDT Tue May 31 2011

To:       Subscribers:  
          -Family of Services  
          -NOAA Weather Wire Service  
          -Emergency Managers Weather Information Network  
          -NOAAPort  
          Other NWS Partners, Users and Employees

From:     Mark Paese  
          Director, Office of Operational Systems

Subject: NWS Seeking Comments on Future Service Delivery Architecture  
through July 31, 2011

As a current NWS data user, NWS is requesting your comments as we develop a new service delivery architecture designed to meet your needs. Our primary goal is to fulfill our mission to ensure the protection of life, property and the enhancement of the national economy. NWS seeks to improve how we do this by disseminating the necessary data using strategies and methods that make use of new and emerging technology. Users of NWS dissemination services are the most important group affected by this process and we want you to be involved.

NWS infrastructure includes all dissemination media we currently support, such as the NWS Telecommunications Gateway, All Hazards NOAA Weather Radio, NOAA Weather Wire, Family of Services, NOAAPort, Emergency Managers Weather Information Network system, NWSChat, interactive NWS (iNWS), Facebook, as well as all web-based, email, and telephone services. As we consider how best to improve and expand these current services through the new NWS Dissemination Architecture, we will conduct research that includes the following:

- Types of data sets required.
- Dissemination methods such as portions of selected datasets through stable, operational web services (e.g., Simple Object Access Protocol (SOAP), Representational State Transfer (REST) services, Geographic Information System (GIS)) or complete datasets (e.g., traditional meteorological formats).
- Best practices of existing dissemination systems, e.g., NOAA's National Operational Model Archive and Distribution System (NOMADS), which is web-based and provides both real-time and retrospective format independent access to climate and weather model data:

<http://nomads.ncdc.noaa.gov/>

- Operational level: For example, requirements to deliver time-critical information, (e.g., within 1 minute of issuance) and to improve our ability to prioritize urgent information over non-urgent information.

- Service level: Expanding fee-for-service dissemination similar to the Family of Services program, adding stringent delivery performance requirements for those customers:

<http://www.nws.noaa.gov/datamgmt/fos/fospage.html>

Your input on these ideas will help us improve our services to you. If you have comments or any information you believe would help in our analysis, please provide your input by July 31, 2011, to the following:

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Email: [nwsresearch@noaa.gov](mailto:nwsresearch@noaa.gov)

You may also provide online input at:

<http://nwsresearch.ideascale.com/>

We appreciate your assistance as we pursue weather dissemination systems and techniques appropriate for the 21st Century.

National Public Information Statements are online at:

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

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