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Public Information Statement 25-29
National Weather Service Headquarters Silver Spring MD
510 PM EDT Thu May 1 2025

To: Subscribers:
 -WMO Member States
 -WMO RA-IV Member States and weather enterprise
 organizations
 -NWS Regional Offices, WFOs, RFCs, National Centers
 -All NOAA Line Offices
 Other NWS Partners, Users and Employees

From: George Jungbluth, Director
 Office of Dissemination

Subject: Soliciting Feedback on the World Meteorological Organization
(WMO) Information System (WIS2.0) WIS2 Node API and Service through June
6, 2025

The WMO Information System 2.0 (WIS 2.0) is a framework for WMO data sharing in the 21st century for all WMO domains and disciplines. It supports the WMO Unified Data policy , (https://www.imgw.pl/sites/default/files/2021-11/wmo_bulletin_702_en.pdf) the Global Basic Observing Network (<https://community.wmo.int/en/activity-areas/wigos/gbon>) and makes international, regional, and national data sharing simple, effective, and inexpensive. The WIS 2.0 architecture consists of WIS2 Nodes, which are the data providers and a set of Global Services. In support of WIS2.0, the National Weather Service (NWS) will be responsible for providing WMO Core and Recommended data for WMO RA-IV on its WIS2 Node. Later this summer, the NWS will expand its WIS 2.0 footprint by adding a Global Broker service that focuses on publication/subscriptions and a Global Cache that will serve as a data repository for WMO Core data. The NWS is soliciting comments on the proposed new WIS 2.0 services through June 6, 2025.

The URL for the NWS WIS2 Node API is:
<https://wis2node.globaldata.nws.noaa.gov:443>

Feedback on the proposed WIS2.0 services can be provided via email to the following address:

nws.webfeedback@noaa.gov

National Public Information Statements are online at:

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

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