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Public Information Statement 25-43
National Weather Service Headquarters Silver Spring MD
1115 AM EDT Thu Jul 3 2025

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From: George Jungbluth, Director
 Office of Dissemination

Subject: Soliciting comments on the proposed new Global Broker service for WIS 2.0 services through August 11, 2025

The WMO Information System 2.0 (WIS2) is a framework for WMO data sharing in the 21st century for all WMO domains and disciplines. It supports the [WMO Unified Data policy](#), the [Global Basic Observing Network](#) and makes international, regional, and national data sharing simple, effective, and inexpensive. The WIS2 architecture consists of WIS2 Nodes, which are the data providers and a set of Global Services. The NWS WIS2 Node achieved its initial operating capability in May 2025. On or about July 7th, 2025, the NWS will expand its WIS2 capabilities by adding a Global Broker service that features a Publish-Subscribe service for WMO "Core" and "Recommended" data as described in the WMO Unified Data Policy. The NWS is soliciting comments on the proposed new WIS2 services through August 11, 2025.

The NWS Global Broker is an MQTT Service: globalbroker.globaldata.nws.noaa.gov available on port 8883 on or about July 7, 2025. It is recommended that consumers use the [Message Queuing Telemetry Transport \(MQTT\) Explorer](#) application to make a connection to the NWS MQTT Global Broker service. The username and password credentials are: everyone/everyone. Within the MQTT Explorer application, set subscribed topics to: "origin/a/wis2/#" and "cache/a/wis2/#"

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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