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PNSWSH

Service Change Notice 25-75  
National Weather Service Headquarters Silver Spring MD  
150 PM EDT Mon Oct 20 2025

TO:           Subscribers:  
              -NOAA Weather Wire Service  
              -Emergency Managers Weather Information Network  
              -NOAAPORT  
              Other NWS Partners and NWS Employees

From:       George Jungbluth, Director  
              Office of Dissemination

Subject: Operational Implementation of Changes to the WIS 2.0 Global  
Broker on or about October 28, 2025

The National Weather Service (NWS) will implement changes to the World  
Meteorological Organization (WMO) Information System (WIS) 2.0 Global  
Broker Service on or about October 28, 2025.  
Those changes include:

- A Domain Name System (DNS) change of the MQTTS Service from  
[globalbroker.globaldata.nws.noaa.gov](https://globalbroker.globaldata.nws.noaa.gov) to  
[wis2broker.globaldata.nws.noaa.gov/](https://wis2broker.globaldata.nws.noaa.gov/)

It is recommended that consumers use the Message Queuing Telemetry  
Transport (MQTT) Explorer application located at: [https://mqtt-  
explorer.com/](https://mqtt-explorer.com/) to make a connection to the NWS MQTT Global Broker service.  
The available ports for [wis2broker.globaldata.nws.noaa.gov](https://wis2broker.globaldata.nws.noaa.gov) include 1883  
and 8883. The username and password credentials are everyone/everyone.  
Within the MQTT Explorer application, set subscribed topics to:  
"origin/a/wis2/#" and "cache/a/wis2/#"

The purpose of the WIS 2.0 Global Broker service is to provide a Publish-  
Subscribe service for access to WMO "Core" and "Recommended" data as  
described in the WMO Unified Data Policy.

For questions regarding the WIS 2.0 Global Broker, please contact:

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NWS Service Change Notices are online at:

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

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