

NOUS41 KWBC 261050 AAA
PNSWSH

Service Change Notice 21-47 Updated
National Weather Service Headquarters Silver Spring MD
750 AM EDT Mon Apr 26 2021

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

From: Bruce Entwistle
 Chief, Aviation and Space Weather Services Branch

Subject: Updated: eXtensible Markup Language (XML) Graphical AIRman's
METeorological Information (G-AIRMET) is Now Operational

Updated to include correct Product Description Document (PDD) link below.

NWS began transmitting the G-AIRMET in XML format on March 3, 2021. XML G-AIRMET is part of a set of XML-formatted U.S. Weather (USWX) aviation weather products. USWX supports U.S. domestic aviation operations and is a companion product to International Civil Aviation Organization (ICAO) Meteorological Information Exchange Model (IWXXM) products standardized in ICAO Annex 3 and World Meteorological Organization (WMO) No. 49, Volume II. The aviation industry uses XML products, including USWX and IWXXM, for machine-to-machine operational exchanges of meteorological information.

The WMO ID headers below identify XML G-AIRMET products that users can access via the NWS Telecommunication Gateway (NWSTG) under WMO defined T1T2 (from TTAAii) headers:

LWGE86 KPCI (SIERRA)
LWHE00 KPCI (TANGO)
LWIE00 KPCI (ZULU)

NWS has already extended the use of XML formatted data to other non-aviation operational NWS products (e.g., Common Alerting Protocol (CAP) messages), and with appropriate notification may extend the use of XML formatted data to other existing operational NWS products. USWX products will become available in parallel with their corresponding Traditional Alphanumeric Content (TAC) products.

For examples of real-time G-AIRMET in USWX version 1.0, go to the following link:

<https://tgftp.nws.noaa.gov/data/raw/lw/>

More information about XML G-AIRMET can be found in the Product Description Document (PDD) linked below:

https://www.weather.gov/media/notification/ref/pdd_xml_g-airmet.pdf

For more information or questions, please contact:

Mark D. Zettlemyer
NWS Meteorologist/FAA Liaison
Silver Spring, MD
301-427-9371
mark.zettlemyer@noaa.gov

National Service Change Notices are online at:

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

NNNN