



June 16, 2021

Japan Aerospace Exploration Agency

**The new version (Version2.2) AMSR2
Total Precipitable Water (TPW) and Cloud Liquid Water (CLW)
products will be released.**

We will make minor version update and release the new version 2.220.220 (Ver.2.2) of AMSR2 Total Precipitable Water (TPW) and Cloud Liquid Water (CLW) products on June 16, 2021. In this update, only the handling of missing values has been changed (the retrieval algorithm itself has not changed), so there are no effects on the accuracy of the products. The products for the past period will not be reprocessed.

The change points with this minor version update are as follows:

1. Correction of negative values

In the current version (Ver.2.1), due to RFI, etc., TPW and CLW products include negative values which do not exist in nature. In this minor version upgrade, these negative values will be changed to missing values.

2. Changes of version number in granule ID.

The version number in granule ID will be changed to “2220220” only for TPW and CLW products (Level 2 and Level 3).

Example of a Level 3 TPW product (0.1 degree grid) :

(OLD) GW1AM2_20210601_01D_EQOA_L3SGTPWHD2210210.h5

(NEW) GW1AM2_20210601_01D_EQOA_L3SGTPWHD2220220.h5

◆New Version Product

The new version product will be provided through G-Portal from June 16, 2021(7:00UT). However, please note that the exact time of switching the version is uncertain. Regarding FTP of G-Portal, the new version product will be stored in the same folder currently used for provision. During switching the version, the provision of product will not be suspended.

◆Reprocessing of previous observation data

we will not reprocess the previous observation data before June 16, 2021 (7:00UT), because the impacts of this update are very small.



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