

The minor version update of AMSR-E brightness temperature (TB) Level 3 product

We will sequentially release minor version update and release the new version 4.401.401 of AMSR-E brightness temperature (TB) Level 3 daily and monthly products for the entire period from June 11, 2024.

The changes in this minor version update are as follows:

(1) Correction of Overlap Scan Removal Processing

When creating TB Level 3 daily products, it is necessary to remove the overlap scans with fixed numbers between consecutive observation paths included in each Level 1 product. However, it was found that the setting of the number of overlap scans was incorrect. As a result, minor impacts on missing areas in the polar regions were confirmed. In the new version, we corrected this error setting and reprocessed the AMSR-E TB Level 3 daily and monthly products for the entire period, including past data. This problem was found only for Level 3 TB products in HDF5 file format, and there is no correction for those in HDF4 file format.

(2) Change of algorithm version in file name (granule ID)

The version number in granule ID will be changed from “4400400” to “4401401” for TB Level 3 products (only HDF5 format).

Example of granule ID for TB Level 3 (6 GHz, 0.25-degree grid, daily) product :

(OLD) PM1AME_20100101_01D_EQMA_L3SGT06LA4400400.h5

(NEW) PM1AME_20100101_01D_EQMA_L3SGT06LA4401401.h5

◆ Distribution of new version products

The new version products will be distributed through the G-Portal from June 11, 2024 (6:00UT). Regarding FTP service of the G-Portal, the new version products will be stored in the same folder currently used for provision.