



April 3, 2015

Japan Aerospace Exploration Agency

Release of updated AMSR2 products (Version 2.1)

After the AMSR2 product updates (Version 2.0) on March 26, 2015, we have found inadequate parameter settings in the Level (L)-1 processing system. To solve these issues, we are going to release the updated Version 2.1 AMSR2 product (L1, L2, and L3) again on April 3, 2015. We apologize to all AMSR2 data users for this inconvenience. For those who already acquired the Version 2.0 products, we strongly recommend to download Version 2.1 products and replace older versions with them. Major product changes associated with this update are as follows.

1. Major improvements

(1) Brightness temperature products

- ✓ Improvements of geolocation and incidence angle information.
- ✓ Correction of the “number of overlap scans ” from 20 to 30 as intended.

(2) Geophysical products

- ✓ All the geophysical products are updated due to the input L1 product changes, although the retrieval algorithms themselves remained unchanged from Version 2.0. Major improvements include geolocation information for all products and retrieval accuracy for geophysical parameters which are sensitive to incidence angle such as sea surface temperature (SST). For example, global averaged SST values of Version 2.0 products were underestimated about 0.5 degrees C.

2. Changes of version number in granule ID

- (1) Changes of the version number in granule ID to “2210210” for all products.

Example:

(OLD) GW1AM2_201503150057_190B_L1SNRTBR_2200200.h5
(NEW) GW1AM2_201503150057_190B_L1SNRTBR_2210210.h5

For the L2 sea ice concentration product and all L3 products, we may be able to start delivering

after some delay (probably by the middle of the next week). Regarding the products observed before April 3, 2015 (UT), we will reprocess and deliver via the GCOM-W1 data providing service in series.



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