The new version of AMSR2 all products have been released.

We released the new version of AMSR2 all products (L1, L2, L3) on March 26, 2015.

1. Summary of each algorithm changes

Level	Algorithm	Remark
L1	Brightness Temperature (TB)	Geolocation accuracy is improved. Partial error in brightness temperature of low frequency channels (7GHz～18GHz) is reduced.
L2	Total Precipitable Water (TPW)	Improvements in discontinuity in retrieved TPW field. Improvements in low and high TPW range.
	Cloud Liquid Water (CLW)	Error reduction in other geophysical parameter dependence.
	Precipitation (PRC)	Improvements in retrieving heavy orographic rainfall occurring at mountainous regions along coast.
	Sea Surface Temperature (SST)	Improvements in removing effects by RFI and/or sea surface wind speed. High spatial resolution SST is added to the second layer of geophysical parameters as research product.
	Sea Surface Wind Speed (SSW)	Improvements of positive biases in weak and strong wind fields.
	Sea Ice Concentration (SIC)	Reduction of pseudo sea ice areas.
	Snow Depth (SND)	Improvements in retrieved accuracies dense forests, coastal areas, Siberia and Tibetan Plateau.
	Soil Moisture Content (SMC)	Reduction of error case that determines dry SMC when ground observation shows strong rainfall.
L3	Daily Monthly	Correction of search area's radius from 8km to 18km using for grid average in low resolution product. High spatial resolution SST is added to the second layer of SST L3 product.

＊ For more information, please refer to "Descriptions of GCOM-W1 AMSR2 Level 1R and Level 2 Algorithms".

http://suzaku.eorc.jaxa.jp/GCOM_W/materials/w_productinfo.html

2. The version number is updated as follow:

Regarding all products, the version number included in the file name is changed to "2200200".

e.g. AMSR2 L1 product

    Old   : GW1AM2_201503150057_190B_L1SNRTBR_1110110.h5

    New   : GW1AM2_201503150057_190B_L1SNRTBR_2200200.h5

3. The Developer ID is changed as follows:

Regarding L3 product, the developer ID included in the file name is changed.

Old : A   →   New : Same as L2 products.

e.g. AMSR2 L3 SST

    Old   : GW1AM2_20150317_01D_EQOD_L3SGSSTHA1100100.h5

    New   : GW1AM2_20150317_01D_EQOD_L3SGSSTHB1100100.h5

* We will reprocess all products observed before March 26, 2015.

* We also revised the AMTK, GCOM-W1 User Tool and relevant documentation.

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