



October 25, 2022

Japan Aerospace Exploration Agency

The new version AMSR2 Precipitation (PRC Version 3) products will be released.

We will make major version update for AMSR2 Precipitation (PRC) products. The new version 3.300.300(Ver3) of PRC product will be released on October 25, 2022.

- ◆ The principal changes with PRC major version update
 - (1) NOAA Autosnow data (sea ice and snow cover information) has been added as reference data, enabling estimation at latitudes above 60 degrees. (Already introduced in GSMaP V04 (released in 2017))
 - (2) Algorithm improvements have been implemented based on the relationship between the scattering bias of GSMaP algorithm and precipitation characteristics observed by the Dual-frequency Precipitation Radar (DPR). (Partially introduced in GSMaP V05 (released in 2021)).
 - (3) Changes of version number in granule ID
The version number in granule ID will be changed to “3300300” only for PRC products (Level 2 and Level 3).

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

(OLD) GW1AM2_20210630_01D_EQOA_L3SGPRCHE2210210.h5

(NEW) GW1AM2_20210630_01D_EQOA_L3SGPRCHE3300300.h5

◆ Details of validation results

The details of the changes and the results of validation will be posted on the following URL
https://suzaku.eorc.jaxa.jp/GCOM_W/data/w_productinfo_j.html

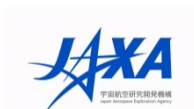
◆ New Version Product

The new version product will be provided through G-Portal from October 25, 2022(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 reprocess PRC (major version update) observation data before October 25, 2022 (7:00 UT).



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