

The minor version update of AMSR2 Precipitation (PRC) product

We will make minor version update and release the new version 3.310.310 (here after refer as “Ver.3.1”) of AMSR2 Precipitation (PRC) products (Level 2 & 3) on July 12, 2023. In this update, only the format of auxiliary data will be changed and the retrieval algorithm itself will not change. Therefore, there is no impact on the product accuracy and the products for the past period will not be reprocessed.

The major changes in this minor version update are as follows:

(1) Corresponding to format change of the NOAA Autosnow data

The PRC algorithm refers the NOAA Autosnow data as auxiliary data of sea ice and snow cover information. To correspond to changes in the file name and some formats in the Autosnow data, the PRC Ver.3.1 algorithm has been modified to enable reading the new Autosnow data.

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

The algorithm version appeared in granule ID will be changed from “3300300” to “3310310” for PRC products (Level 2 and Level 3).

Example of granule ID for Level 3 PRC product (0.1 degree grid) :

(OLD) GW1AM2_202307001_01D_EQOA_L3SGPRCHE3300300.h5

(NEW) GW1AM2_202307001_01D_EQOA_L3SGPRCHE3310310.h5

◆ Distribution of new version products

The new version products will be distributed through the G-Portal from July 12, 2023 (6:00UT). However, please note that the exact time of switching the version is uncertain. Regarding FTP service of the G-Portal, the new version products will be stored in the same folder currently used for provision. During switching the version, the provision of products will not be suspended.

◆ Reprocessing of past observation data

We will not reprocess the past observation data before July 12, 2023 (6:00UT), because the impacts of this update are very small.