



May 17, 2022

Release Notes for the PR Version 9/GPM PR Version 07A

Level 1 products

<Major changes in the PR Level1 products from Version 8 /V06A to Version 9/V07A>

1. The format of V07A products has been changed from V05C (for example, adopting “FS”, instead of “NS”) as described in the format description. The format of the TRMM/PR is consistent of that of the GPM/DPR (in particular, the KuPR). Note that a new variable of “binMirrorImage” is set to missing value for the TRMM/PR.

Format description:

https://www.eorc.jaxa.jp/GPM/doc/product/format/en/02.GPM_DPR_L1_Product_Format_Documentation_V7_E.pdf

2. Geolocation toolkit has been updated. The following variables are added and there is no change in the existing values for the geolocation (e.g. longitude, latitude).
 - navigation/scHeadingGround
 - navigation/scHeadingOrbital
 - sunData Group
 - sunLocalTime
3. Minor bugs have been fixed. “FractionalGranuleNumber” was corrected for the processing of month boundaries. “SCorientation” was corrected for the orbits with no science data.