

# **Updates to GPM-CloudSat and TRMM-CloudSat (new) Coincidence Datasets**

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# Changes in V4 from previous V3

## 1) Each dataset is given its own group.

Easier to name variables and point back to native source (16 separate groups)

## 1) Many more CloudSat datasets, all now R05, from previous R04.

2B-CLDCLASS, 2B-CLDCLASS-LIDAR, 2B-CWC-RO, 2B-CWC-RVOD,  
2B-GEOPROF, 2B GEOPROF-LIDAR, 2C-PRECIP-COLUMN, 2C-RAIN-PROFILE, 2C-SNOW-  
PROFILE, ECMWF-AUX, MODIS-AUX

## 3) TRMM-Cloudsat (6/2006-10/2014), and GPM-CloudSat (4/2014-1/2019) are identical formats for the Ku-only radar products (NS swath).

GPM-CloudSat has MS products for Ku-only and Ku/Ka in separate MS group.

All version 6 products for PR, PRTMI, DPR, DPRGMI

Latest GPROF for TMI/GMI and MHS.

## 4) For TRMM era, NOAA-18 followed A-Train closely; for GPM era, it was NOAA-19.

MHS data (TB and GPROF) provided for intersections along the CloudSat curtain.

## 5) Timeline is finish TRMM first (August), then GPM.



