

Major Data Format Changes

TRMM V6 --> V7

as of 10 Oct 2011

(Minor format changes are not listed)

ALG	V6 --> V7 CHANGES
Metadata	Complete redesign. Metadata elements are grouped; usually a group does not appear in all products. (In V6 all elements were in all products.) Number of scans written in SwathHeader group to allow multiswath products.
L1, L2	Scan Status changes.
L1, L2	Geolocation changed to Latitude, Longitude
LH	New products: 2 TRAIN, 3 SLH, 3 CSH.
1B01	Many variables changed to floats (from scaled integers in V6).
2A12	Complete redesign. Added surface precipitation. New quality flags. Hydrometeor profiles have 28 layers (14 in V6). Profiles are not written per pixel. Instead indexes are written per pixel and used to retrieve a profile from an array.
2A21	Added alternate PIA. Reliability Flag simpler. Many variables changed to floats (from scaled integers in V6).
2A25	Many variables changed to floats (from scaled integers in V6).
2B31	Added surface precipitation, snow profile, graupel profile.
3A12	Added surface precipitation.
3B31	Redesign. Profiles have 28 layers (14 in V6). Grid 0.5° (5° in V6). Added surface precipitation.
3B42	Added gaugeRelativeWeighting
3B43	Added source information, HQ precipitation, IR precipitation