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**2A25 (Version 007): Radar Rainfall Rate and Profile (PR) [info](#)**

PR (13.8 GHz) rain rate, reflectivity, and attenuation profiles, at 4 km horizontal, and 250 m vertical, resolutions, over a 220 km swath

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**IMPORTANT MESSAGE Oct 09, 2014** [IMPORTANT: TRMM PR Data Unavailable After Oct. 07, 2014 Due to Satellite Descent](#)

Dear Science User,

As the descent of TRMM is underway users of TRMM PR data should be aware that the last production orbit of public PR data will be orbit #96230 on data date Oct. 7, 2014. After this time the TRMM PR data is restricted. TRMM TMI data will continue to be produced and publicly available during the descent of the spacecraft until it reaches its decommissioning altitude of 335km.

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**IMPORTANT MESSAGE Oct 08, 2014** Effective October 8th, 2014 all PR data will not be available.

From PPS: Effective 20:00 EDT, Oct 7 (00:00 UTC Oct 8), the TRMM PR data will no longer be available in near realtime (NRT). JAXA has determined that TRMM is now below the altitude range for which PR data can be correctly generated.

As result, effective the stated time you will no longer receive PR NRT data. TMI will continue.

There might be an opportunity to restart PR NRT when the satellite has descended to about 355KM. Whether we restart will be largely dependent upon how long we will be at the appropriate altitude range.

In short, effective October 8th, 2014 all PR data will not be available.

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TRMM realtime users,

For those who use TRMM PR and LIS, there will be a disruption in data availability. Cell shorts in one of TRMM's batteries necessitates that we shed significant power load right away. As a result, PR and LIS will be temporarily turned off. We expect the instruments to return to normal observations on Thursday. This could be the first of many times that this occurs as TRMM's batteries show their age (almost 17 years now). Also, as TRMM continues to descend, we expect PR data to stop (around November) as TRMM drops below PR's normal operational window. PR data would become available for a few months (estimated to be in late 2015) when TRMM falls through its original operational altitude of 350 km, assuming that the batteries are healthy enough.

Currently TMI data is not affected.

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