

## **RELEASE NOTES OF GPM VERSION 05/TRMM VERSION 08 VIRS CALIBRATION**

This release of Tropical Rainfall Measuring Mission (TRMM) Version 08 (V08) data will become part of the Global Precipitation Measurement (GPM) data suite.

1. No change of radiometric calibration from V07 to V08. Radiances for all Visible and Infrared Sensor (VIRS) channels are identical between V07 and V08.
2. V08 added computation of surface reflectance for visible channels and brightness temperatures ( $T_b$ ) for infrared channels. The V08 VIRS Level 1B (L1B) products contain radiance for all channels, as well as surface reflectance for channels 1 and 2 and  $T_b$  for channels 3, 4, and 5. V07 products do not have surface reflectance and  $T_b$ .