

CloudSat Project

A NASA Earth System Science Pathfinder Mission

Level 2C ICE P_R04 Data Issues

Ice water content units are g/m³, not mg/m³

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| Opened: | 08/13/13 | Severity: | NORMAL |
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Although the 2C-ICE Process Description Document and the HDF-EOS files attributes indicate ice water content units of mg/m³ for the IWC and AP_IWC fields, they are actually g/m³. The online specifications have been updated to display the correct units.

Incorrect missing values in some fields

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| Opened: | 08/13/13 | Severity: | NORMAL |
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Although the documentation indicates missing values of -7777 for the 2C-ICE data fields, an error in the code causes missing values to be set to -9999 for bins where the upstream 2B-CLDCLASS-LIDAR product did not identify ice clouds. Any ice water content values less than zero can be considered missing and the missing values will be made consistent when the product is next reprocessed.

Effective radius discrepancy between the 2007-2008 and 2009-2010 time periods

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| Opened: | 08/13/13 | Severity: | MAJOR |
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A discrepancy has been noticed in the zonal and global mean ice effective radius between the 2007-2008 and 2009-2010 time periods. The developers are working to characterize the issue and investigating its impact. The issues will be resolved in the upcoming reprocessing of this product.
