

Known issues with the V0001 product include:

- For statistical significance, cloud classes Stratus and Stratocumulus should always be considered together as one effective "Stratus/Stratocumulus" class.
- Daylight-only operations periods for the CloudSat Cloud Profiling Radar are not specifically flagged as such. Users should be aware that starting in October 2011, the radar operates in Daylight-Only Operations (DO-Op) mode. Comparisons between data before and after this period must be made with caution to avoid introducing day/night biases.

Features and improvements in development include:

- Combining Stratus and Stratocumulus into one class, as noted above
- Inclusion of a set of 'simulated DO-Op' statistics that allow users to easily remove biases introduced by DO-Op operations
- Finer horizontal resolutions
- Development of a parallel set of products that includes clouds detected by CALIPSO's CALIOP lidar