

Cloud Mask (MOD35) Change History

PGE03 Version 2.1.0 to V2.4.3

- Required dependence on ancillary data removed
- Desert processing path algorithm updated
- NSIDC NISE product used as snow/ice base map
- 1-km global ecosystem map
 - replaces 10-minute map
 - optimized reader improves CPU performance by 50%

Cloud Mask (MOD35) Change History (Continued)

- Land/Sea mask taken from MOD03
- Use of L1B 250m product is optional
- Spectral test thresholds moved to LUT - allows more rapid algorithm update
- Exit on missing geolocation data fixed (in PGE v2.4.4)

Application of Clear Sky Radiance Maps

- Cloud discrimination over nighttime ocean scenes (PGE03)
- Bias correction for C02 slicing algorithm (PGE06)
- MOD35 QA tool at Level 3 (PGE55)