

ATL16/17 Known Issues in Release 003

Global_aerosol_fraction (parameter *global_aerosol_frac*)

There is a problem with this gridded value. Mostly it appears poleward of latitude 70S. Sometimes it happens in the northern hemisphere. It is recognized by an abrupt change in the fraction of aerosol as a function of latitude. The problem was traced to the L3A cloud/aerosol discrimination algorithm that produces the ATL09 data product which is input to the L3B code that makes ATL16 and ATL17. This will be addressed in version 004.