Aerosols forecast briefing

Friday, 1 September 2017 (update)
Saturday, 2 September 2017
Transit flight to Ascension Island – Potential North route
Cross sections – Equator

Relative humidity (%)

Cloud + Ice water mixing ratio Contours: .001 to .1 by .099

550nm extinction

Relative Humidity (%)

10 20 30 40 50 60 70 80 90 95 98

550nm Extinction (1/Mm)

2 10 50 200 400 600

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Cross sections – Equator

Sat, 2 Sep 12Z

CO from BB (ppb)

Aerosol age mode

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Along flight track curtains: North option

Sat, 2 Sep
Along flight track curtains: North option

Sat, 2 Sep
Saturday, 2 September 2017
Transit flight to Ascension Island – Potential South route
Cross sections – 8 S

Relative humidity (%) and 550nm extinction contours are shown across the longitude and height dimensions for 8 S. The data is from a briefing on Aerosol, with the image dated Sat, 2 Sep 12 Z.
Along flight track curtains: South option

Relative Humidity (%)

- Flight: 20170902
- WRF-AAM
- Model initialization: 20170831

550nm Aerosol Extinction (1/Mm)

- Flight: 20170902
- WRF-AAM
- Model initialization: 20170831

Sat, 2 Sep
Along flight track curtains: South option

Sat, 2 Sep