\( \tau_{\text{aer}\lambda}=0.55 \)

Model

\( \tau_{\text{aer}\lambda}=0.55 \)

MODIS

SAFARI-2000

- Modelling of the radiative effect of aerosols from biomass burning.
- Used information from the UK Met Office C-130 aircraft
- Comparison against satellite and aeronet data
SHADE

Model AOD
(550 nm)

MODIS AOD
(550 nm)
Oslo CTM2 with sea salt, mineral dust, carbonaceous (fossil fuel and biomass burning), and sulfate included. (Max AOD 1.2)

**November**

Five satellite retrievals
- One channel AVHRR
- Two channel AVHRR
- POLDER
- OCTS
- TOMS
Oslo CTM2 with sea salt, mineral dust, carbonaceous (fossil fuel and biomass burning), and sulfate included. (Max AOD 1.1)

**December**

Five satellite retrievals

- One channel AVHRR
- Two channel AVHRR
- POLDER
- OCTS
- TOMS
Modelled aerosol optical depth from 5 aerosol components

December

Mineral dust
Modelled aerosol optical depth from 5 aerosol components

November

Mineral dust