

## Evaluation of UKCA simulated Aerosol Optical Depth (550nm) in GLOMAP

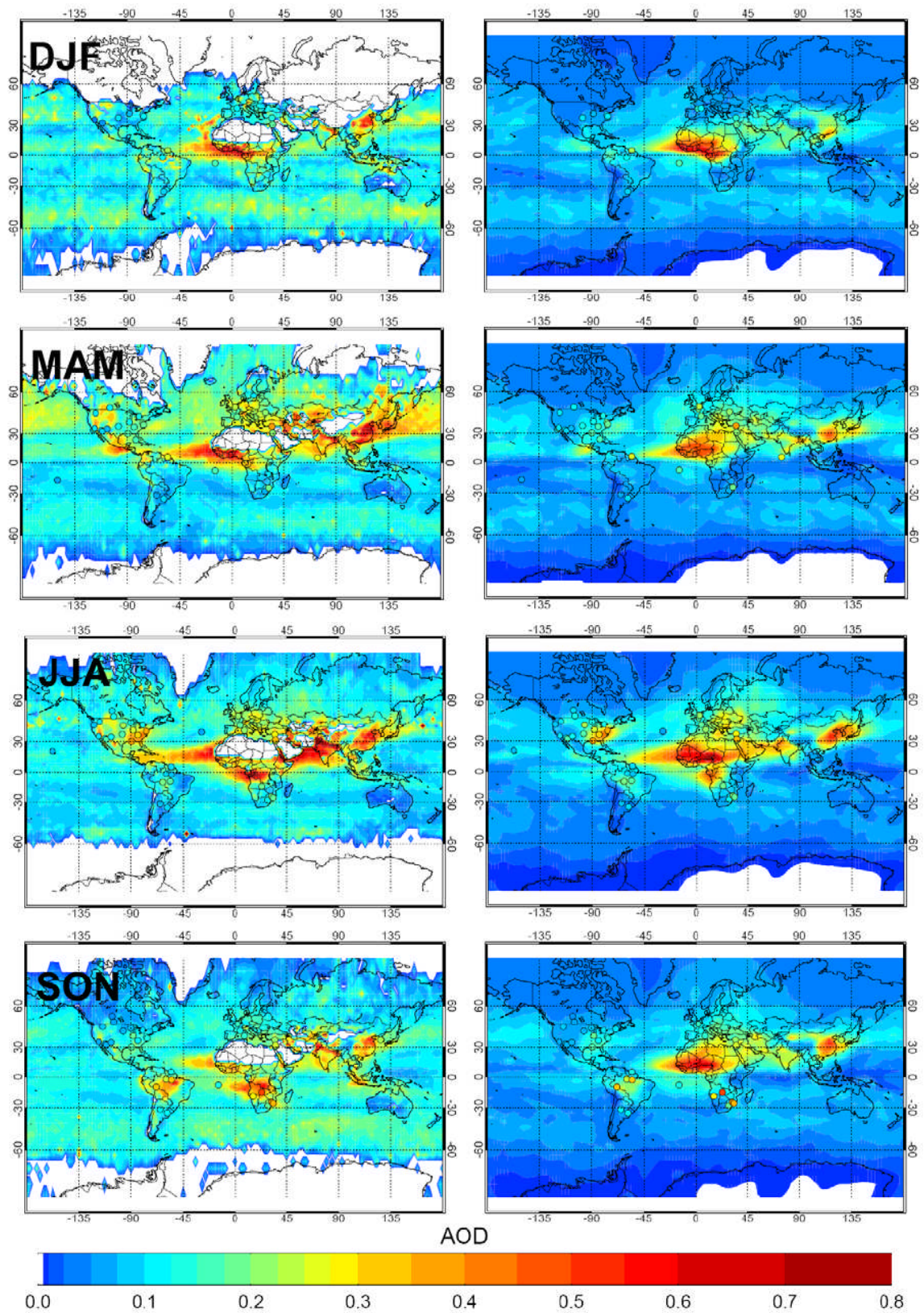


Figure 1 MODIS observed (left-hand panels) and GLOMAP-mode simulated (right-hand panels) 550nm Aerosol Optical Depth for year 2000 simulation. Filled circles indicate sun photometer observations at AERONET sites. Included in simulation are 7-modes containing sulphate, sea-salt, black carbon, organic carbon and dust).