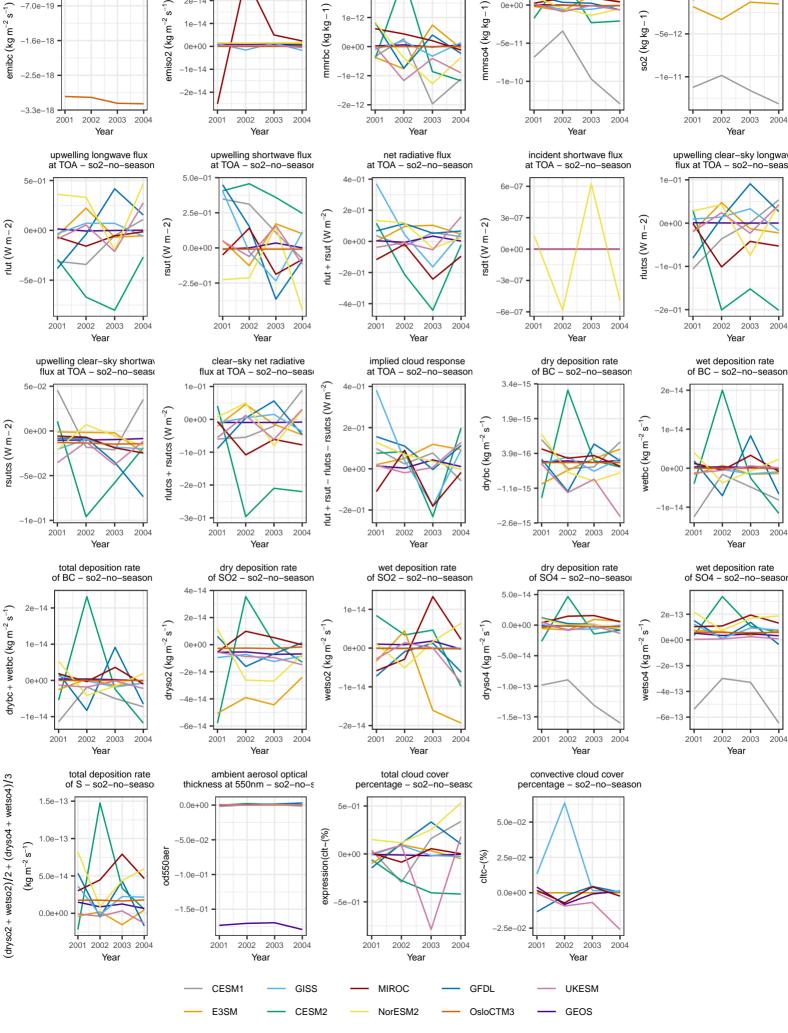
NH-indian: absolute difference surface flux of SO2 – so2–no–season surface concentration surface concentration of SO2 – so2–no–season surface concentration of SO4 - so2-no-season mmrso4 (kg kg – 1) mmrbc (kg kg-1) so2 (kg kg-1) 2002 2003 2003 2003 2003 2001 2002 2001 2002 2001 2002 Year Year Year Year upwelling clear-sky longway flux at TOA - so2-no-seas net radiative flux incident shortwave flux at TOA - so2-no-season at TOA - so2-no-season 2e-01 -1ut + rsut (W m⁻²) 3e-07 rlutcs (Wm-2)rsdt(Wm-2)0e+00 -1e-01 -2e-01 -3e-07 -4e-01 -6e-07 2003 2001 2002 2003 2001 2002 2003 2001 2002 2003 2001 2002 Year Year Year Year dry deposition rate of BC – so2–no–season clear-sky net radiative implied cloud response wet deposition rate at TOA - so2-no-season of BC - so2-no-season 4e-01 rlut + rsut – rlutcs – rsutcs (W m $^{-2}$) 1.9e-15 drybc (kg m $^{-2}$ s $^{-1}$) wetbc (kg m⁻² s⁻¹) 2e-01 1e-14 3.9e-16 0e+00 0e+00 -2e-01 2003 2001 2002 2003 2001 2002 2003 2001 2002 2003 Year Year Year Year dry deposition rate wet deposition rate dry deposition rate wet deposition rate of SO2 - so2-no-season of SO4 - so2-no-seasor of SO4 - so2-no-seasor 5.0e-14 0.0e+00 wetso2 $(kg m^{-2} s^{-1})$ $dryso4 (kg m^{-2} s^{-1})$ wetso4 (kg m⁻² s⁻¹) 0e+00 0e+00 -5.0e-14 2003 2002 2003 2002 2003 2003 Year Year convective cloud cover percentage – so2–no–season ambient aerosol optical total cloud cover percentage - so2-no-seaso 5.0e-02 0e+00



surface flux of BC – so2–no–season

3e-14

1.8e-19