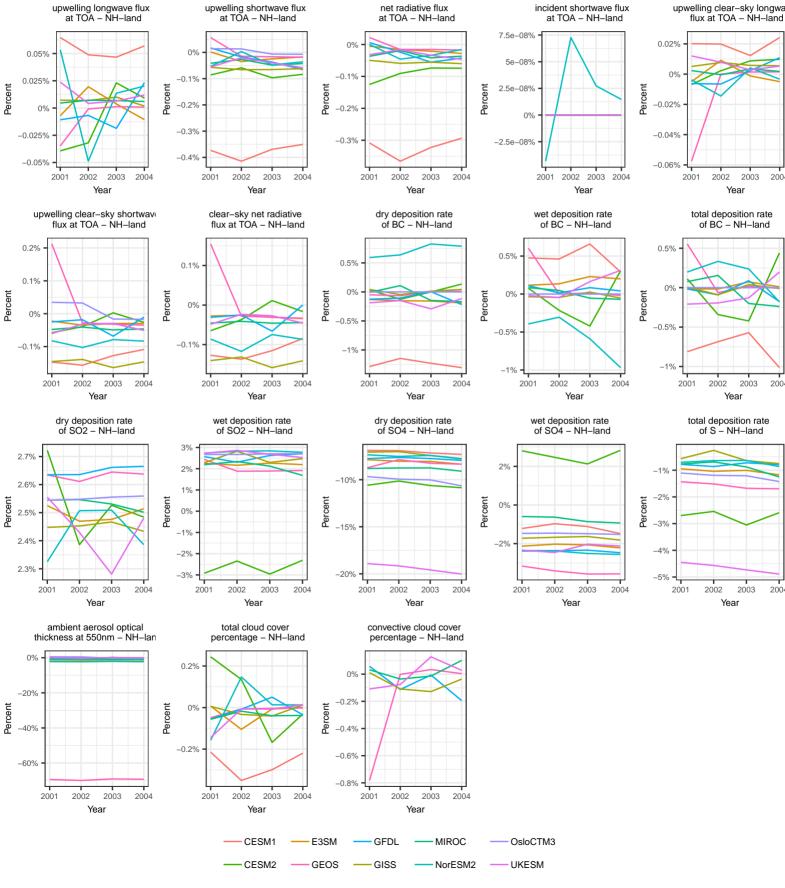
## no-so4: percent difference surface flux of SO2 – NH–land surface concentration of BC – NH–land surface concentration of SO4 – NH–land surface concentration of SO2 – NH–land 0.5% 0.25% -8% Percent Percent Percent 0% 2.5% -0.25% -12% -0.5% 2001 2002 2003 2004 2001 2002 2003 2004 2001 2002 2003 2004 2001 2002 2003 Year Year Year Year upwelling shortwave flux at TOA – NH–land incident shortwave flux at TOA – NH–land upwelling clear-sky longwav flux at TOA - NH-land net radiative flux at TOA - NH-land 0.02% 5e-08% 0% Percent 2.5e-08% Percent -0.02% -0.2% 0% -0.04% -0.3% -2 5e-08% -0.06% 2001 2002 2003 2004 2001 2002 2003 2001 2002 2003 2004 2002 2003 Year Year Year Year dry deposition rate of BC – NH–land clear-sky net radiative wet deposition rate total deposition rate flux at TOA - NH-land of BC - NH-land of BC - NH-land 0.5% 0% Percent 0% Percent 0% Percent -0.5% -0.5% -0.5% 2003 2001 2003 2001 2001 2002 2003 2001 2002 2003 Year Year Year Year dry deposition rate of SO4 – NH–land wet deposition rate of SO4 – NH–land total deposition rate of S – NH–land wet deposition rate of SO2 - NH-land 2% -2% Percent Percent 0% Percent -3% -15% -20% 2001 2002 2003 2004 2001 2002 2003 2004 2001 2002 2003 2004 2001 2002 2003 2004 Year Year Year Year convective cloud cover total cloud cover percentage - NH-land percentage - NH-land



surface flux of BC – NH-land

0%

2001

2002

2003 2004

Year

-1e-05%

Percent

2%

0%

Percent