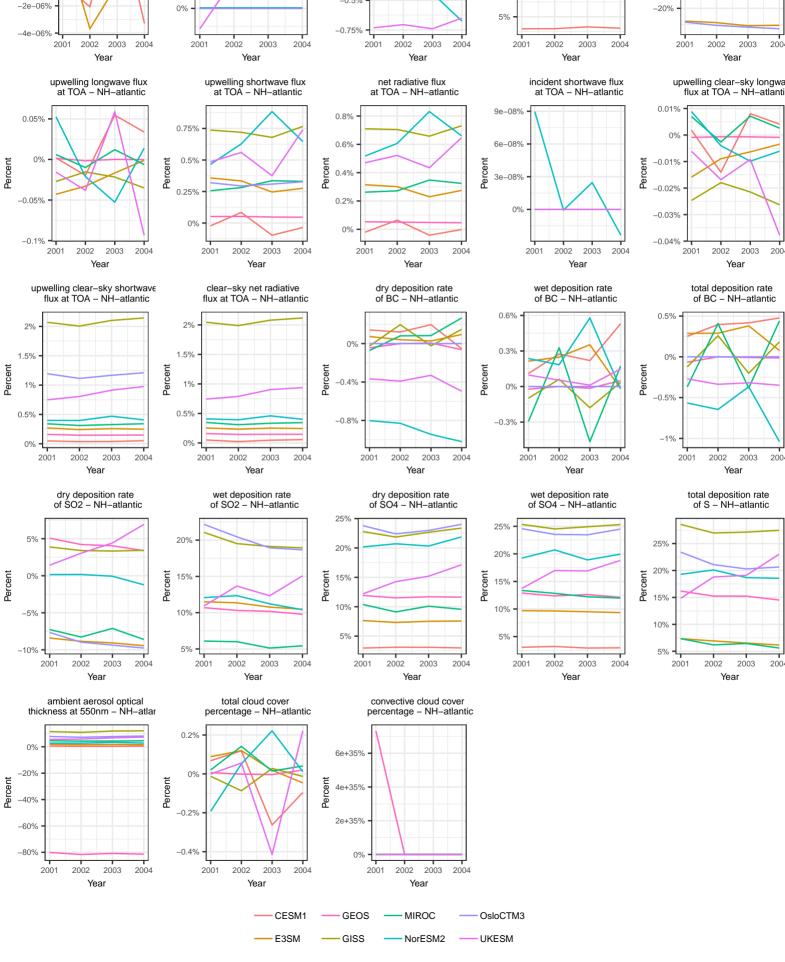
so2-at-height: percent difference surface flux of SO2 – NH–atlantic surface concentration of BC – NH–atlantic surface flux of BC – NH–atlantic surface concentration of SO4 – NH–atlantic surface concentration of SO2 – NH–atlantic 9% 0.25% 20% 6% 0% Percent Percent Percent 15% 10% -0.5% 5% 2001 2002 2003 2004 2001 2002 2003 2001 2002 2003 2004 2001 2002 2003 Year Year Year Year upwelling shortwave flux at TOA – NH–atlantic net radiative flux at TOA – NH–atlantic incident shortwave flux at TOA – NH–atlantic upwelling clear–sky longwav flux at TOA – NH–atlantic 96-08% 0.8% 0.6% 6e-08% 0.5% Percent -0.01% Percent -0.02% 0.2% 0% -0.03%0% -0.04% 2001 2003 2001 2002 2003 2001 2002 2003 2001 2002 2003 Year Year Year Year clear-sky net radiative dry deposition rate wet deposition rate total deposition rate flux at TOA - NH-atlantic of BC - NH-atlantic of BC - NH-atlantic of BC - NH-atlantic 0.6% 0.5% 0.3% 1.5% Percent Percent Percent 0% 0.5% -0.8% -0.3% 2001 2003 2003 2001 2003 2001 2003 Year Year Year Year total deposition rate of S – NH–atlantic wet deposition rate dry deposition rate wet deposition rate of SO2 - NH-atlantic of SO4 - NH-atlantic of SO4 - NH-atlantic 25% 25% 20% 20% 20% 20% Percent Percent Percent Percent 15% 15% 15% 10% 10% 10% 10% 5% 5% 2004 2001 2002 2003 2004 2001 2002 2003 2004 2001 2002 2003 2004 2001 2002 2003 2004 Year Year convective cloud cover total cloud cover percentage - NH-atlantic 0.2% 6e+35% 0% Percent Percent 4e+35%



4e-06%

2e-06%

Percent