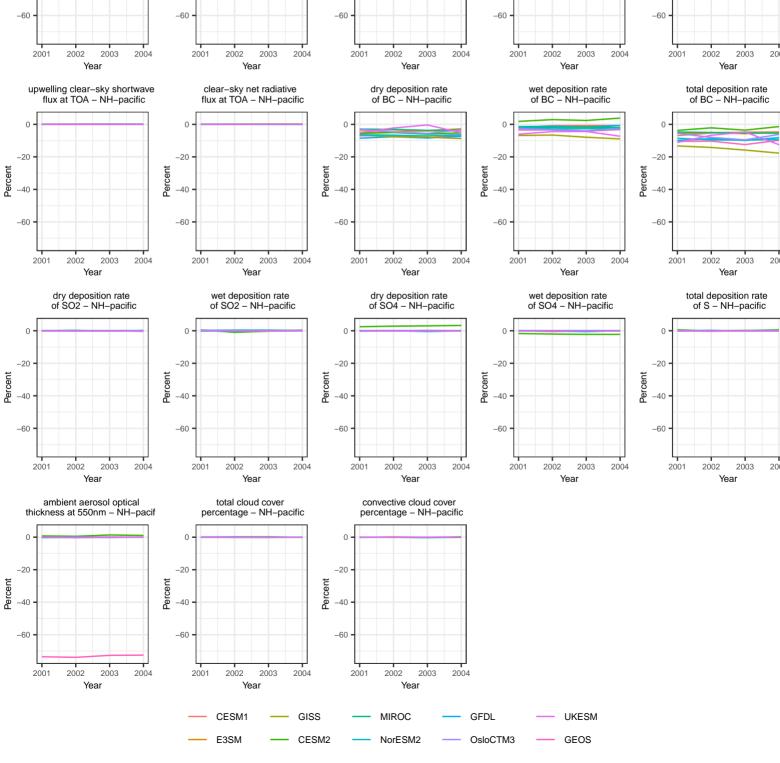
bc-no-season: percent difference surface flux of SO2 – NH–pacific surface concentration of BC – NH–pacific surface concentration of SO4 – NH–pacific surface concentration of SO2 – NH–pacific -20 _20 _20 _20 Percent -40 -40 -40 -40 2001 2002 2003 2001 2002 2003 2001 2002 2003 2001 2002 2003 Year Year Year Year upwelling clear–sky longwave flux at TOA – NH–pacific upwelling shortwave flux at TOA – NH–pacific net radiative flux at TOA – NH–pacific incident shortwave flux at TOA – NH–pacific -20 Percent Percent -40 -40 -40 -40 -60 -60 -60 -60 2002 2003 2004 2002 2003 2004 2002 2003 2004 2002 2003 2001 2001 2001 2001 Year clear-sky net radiative dry deposition rate wet deposition rate total deposition rate flux at TOA - NH-pacific of BC - NH-pacific of BC - NH-pacific of BC - NH-pacific Percent _40 _40 _40 _40 -60 -60 -60 -60 2001 2002 2003 2004 2001 2002 2003 2001 2002 2003 2004 2001 2002 2003 Year Year Year Year total deposition rate of S – NH–pacific wet deposition rate dry deposition rate wet deposition rate of SO2 - NH-pacific of SO4 - NH-pacific of SO4 - NH-pacific -20 -20 Percent Percent -60 -60 -60 2001 2002 2003 2004 2001 2002 2003 2001 2002 2003 2001 2002 2003 convective cloud cover total cloud cover percentage - NH-pacific -20



surface flux of BC – NH–pacific

Percent

Percent

-20

-40

-60

-20

-40

Percent

2001

2002

2003

Year

upwelling longwave flux at TOA – NH–pacific