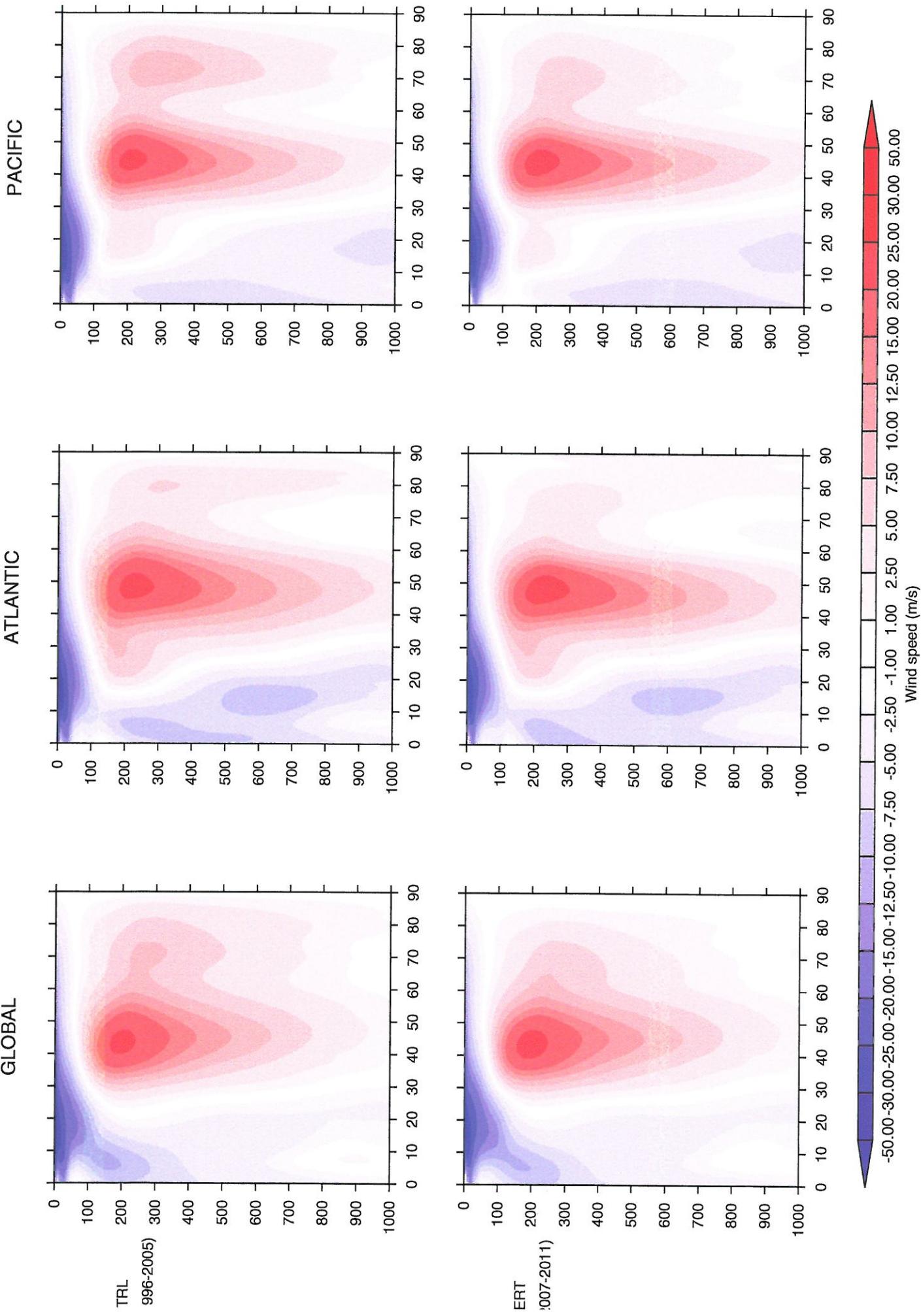
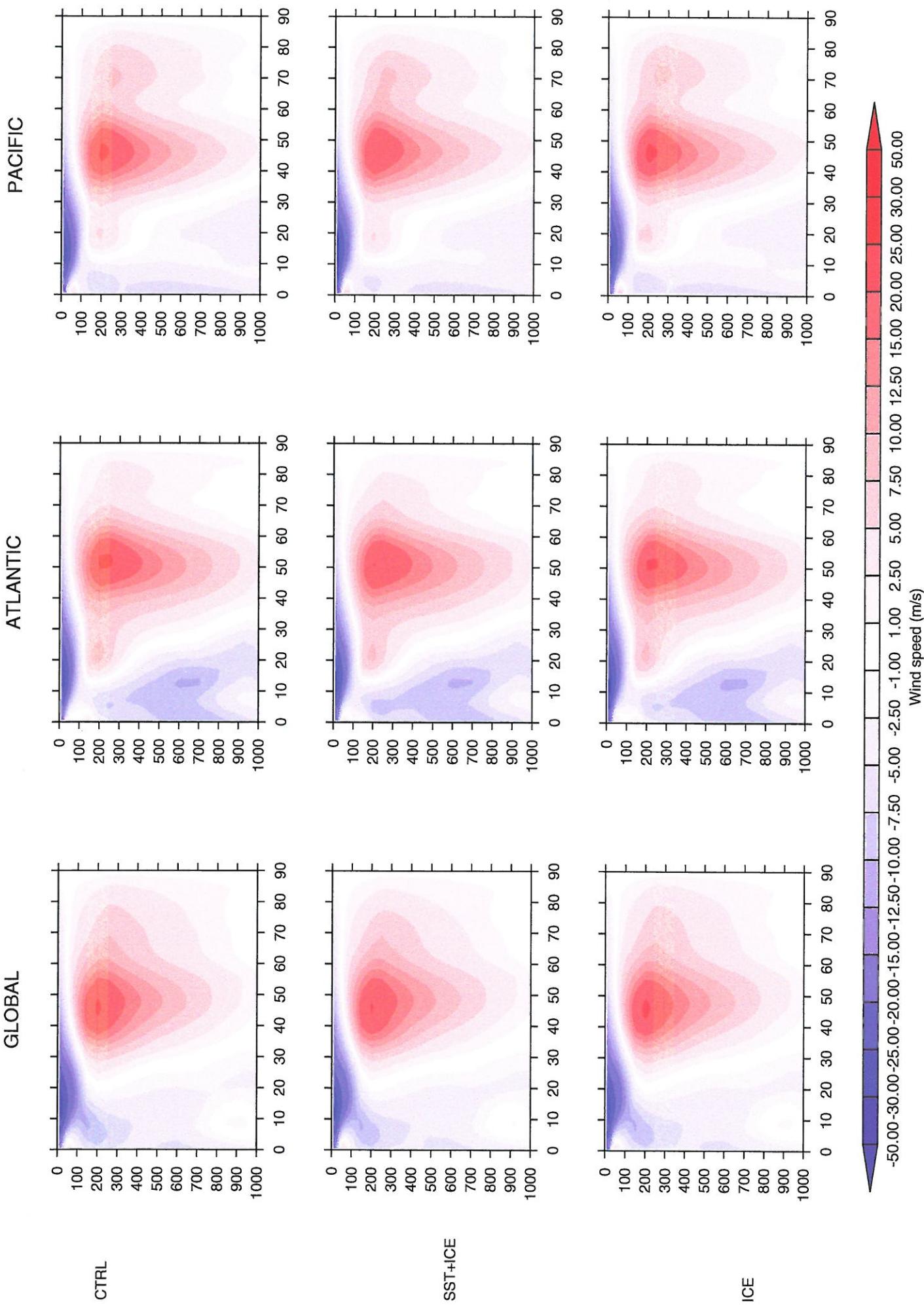


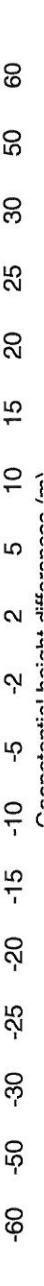
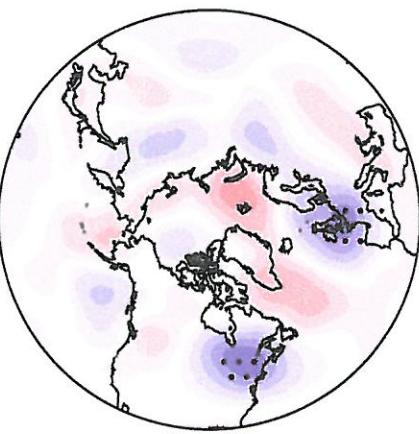
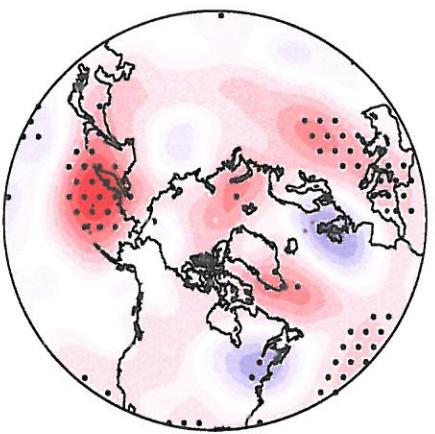
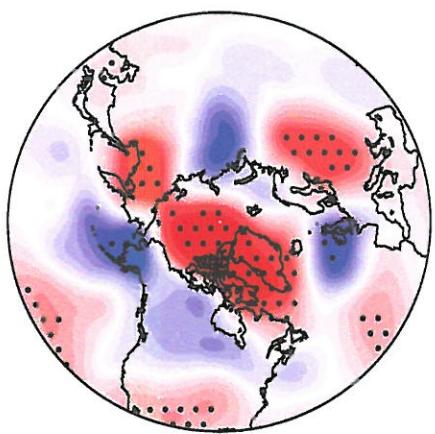
### JJA zonal mean zonal wind mean profiles for ERA INTERIM



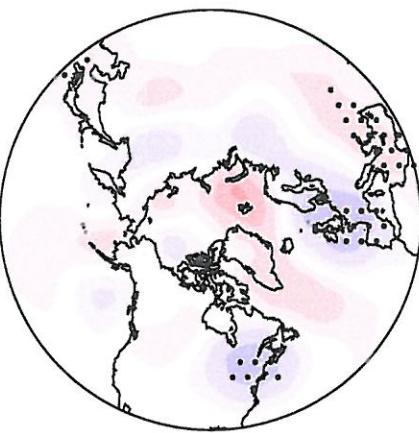
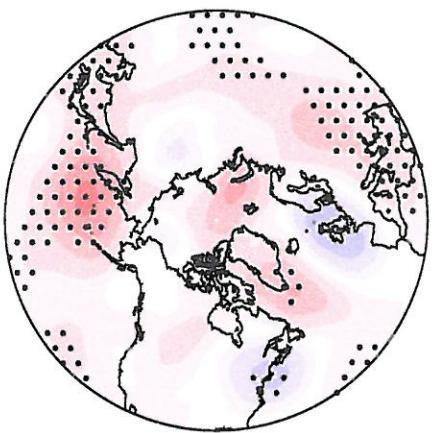
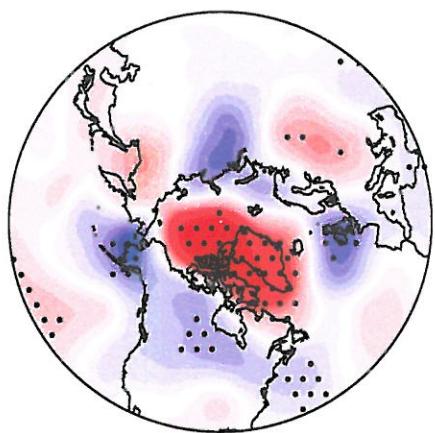
### JJA zonal mean zonal wind mean profiles for UM expts



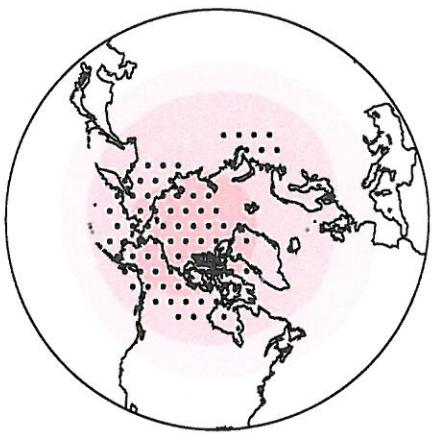
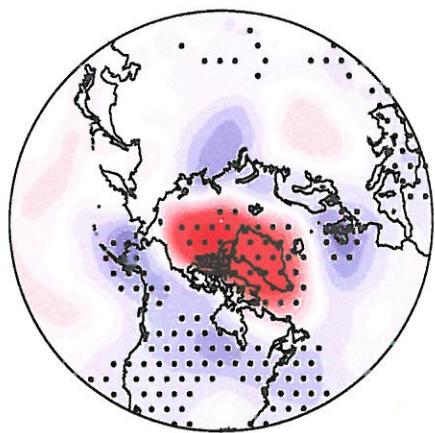
250 hPa



500 hPa



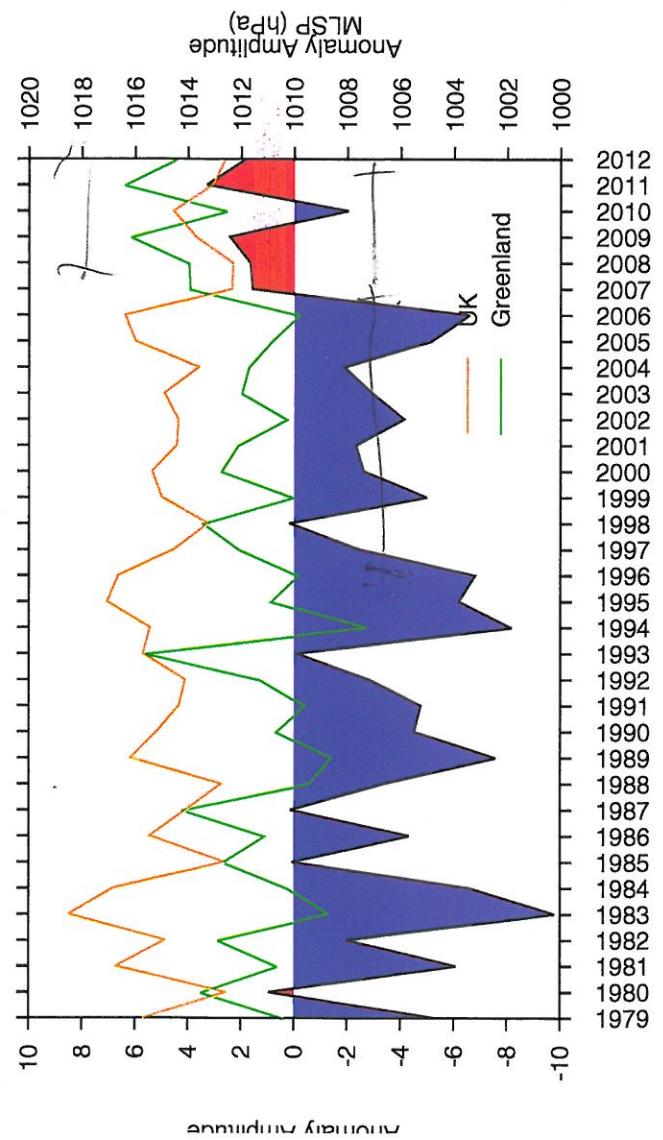
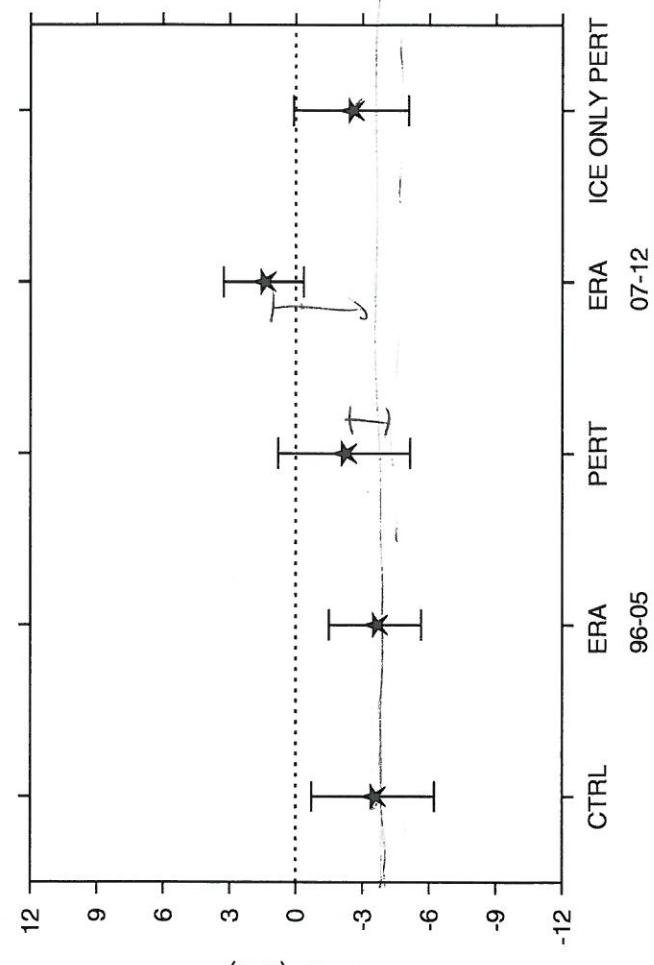
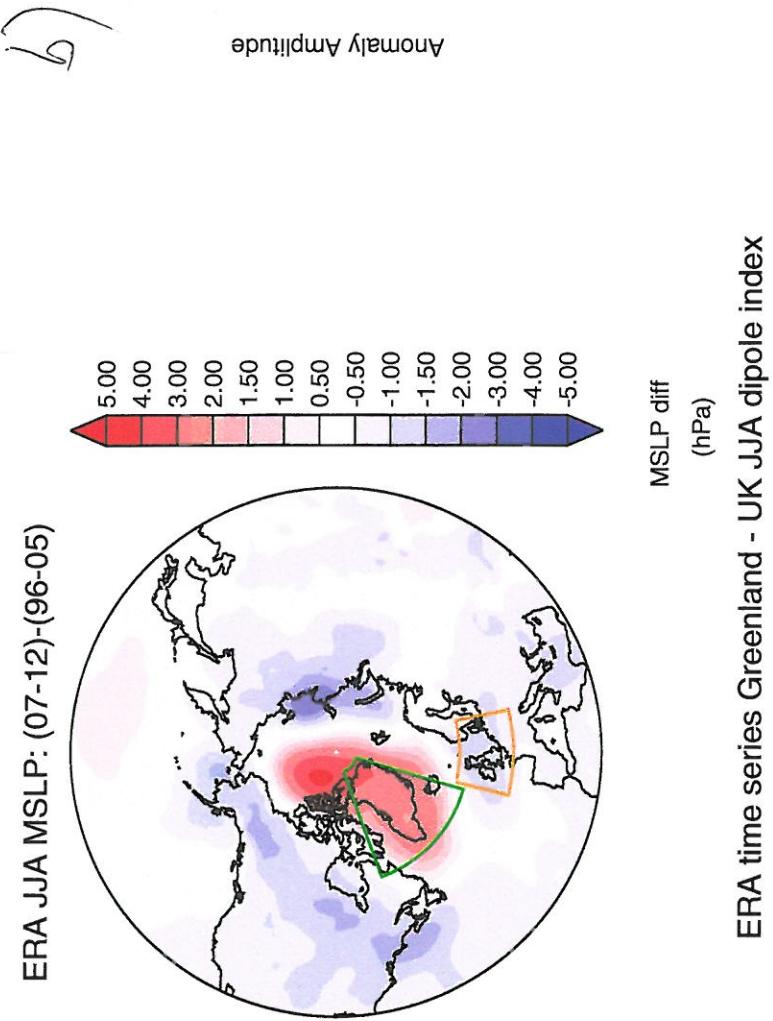
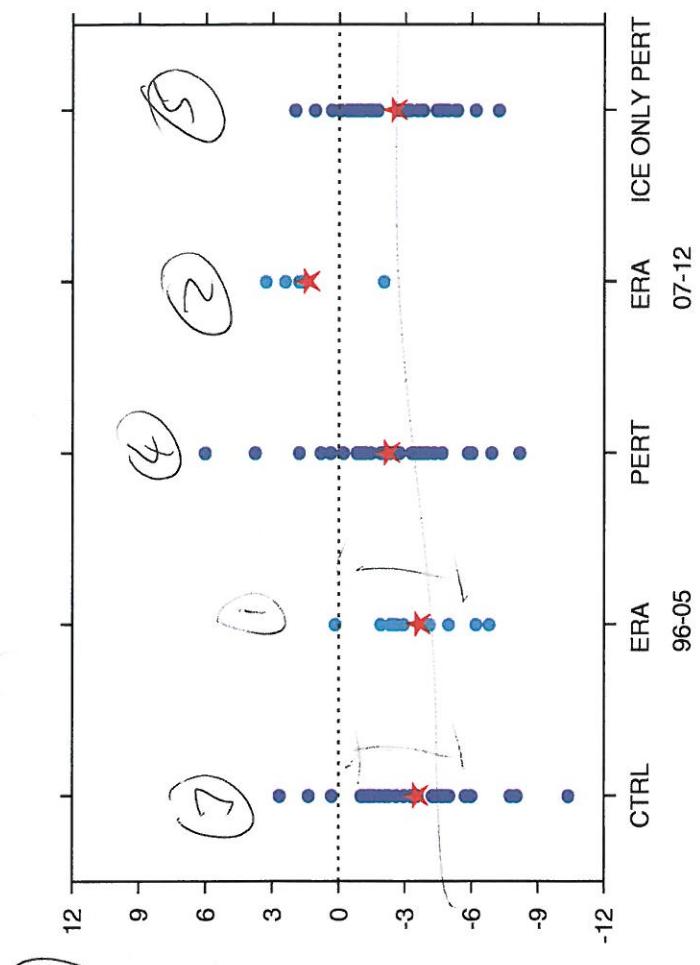
750 hPa

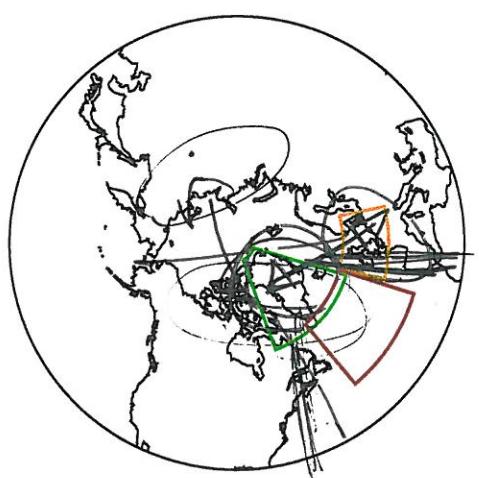


ERA-Interim

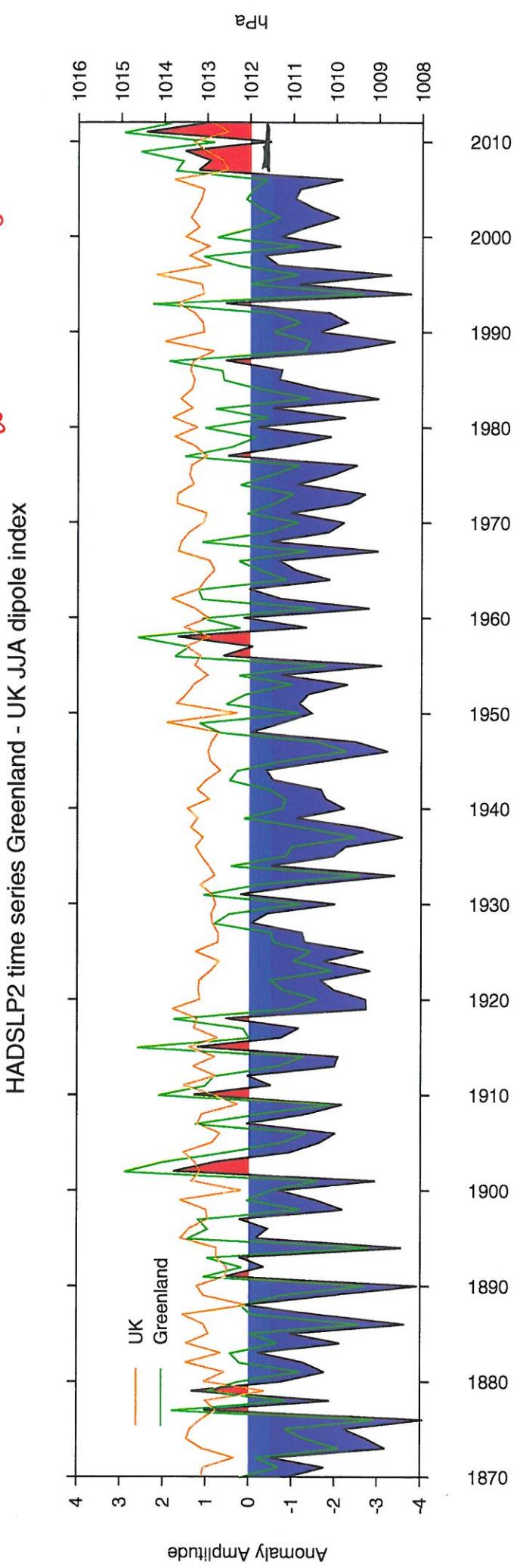
ICE+SST

ICE

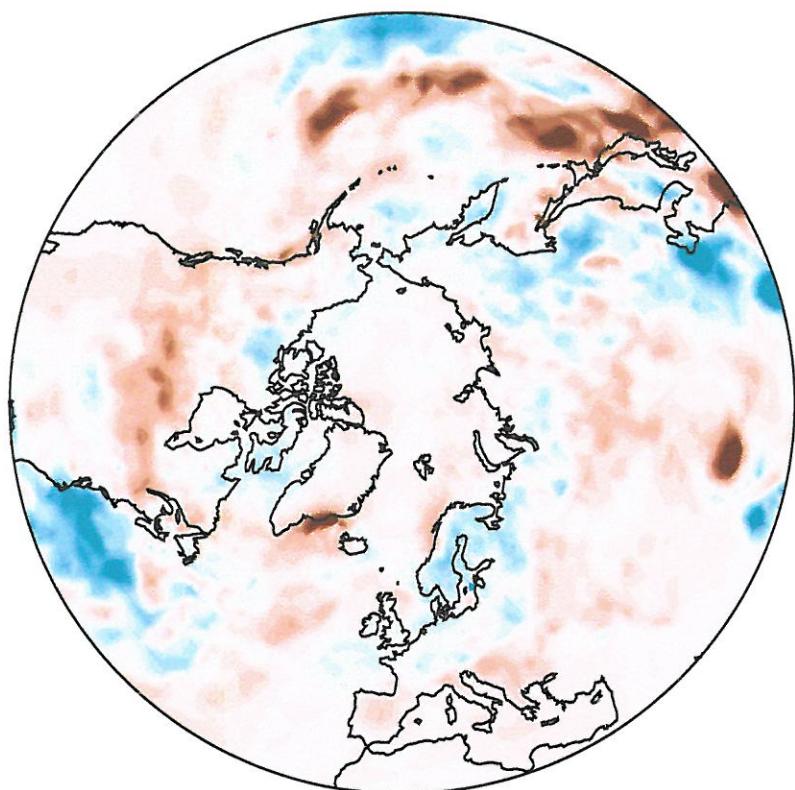




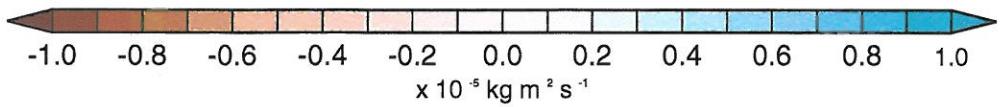
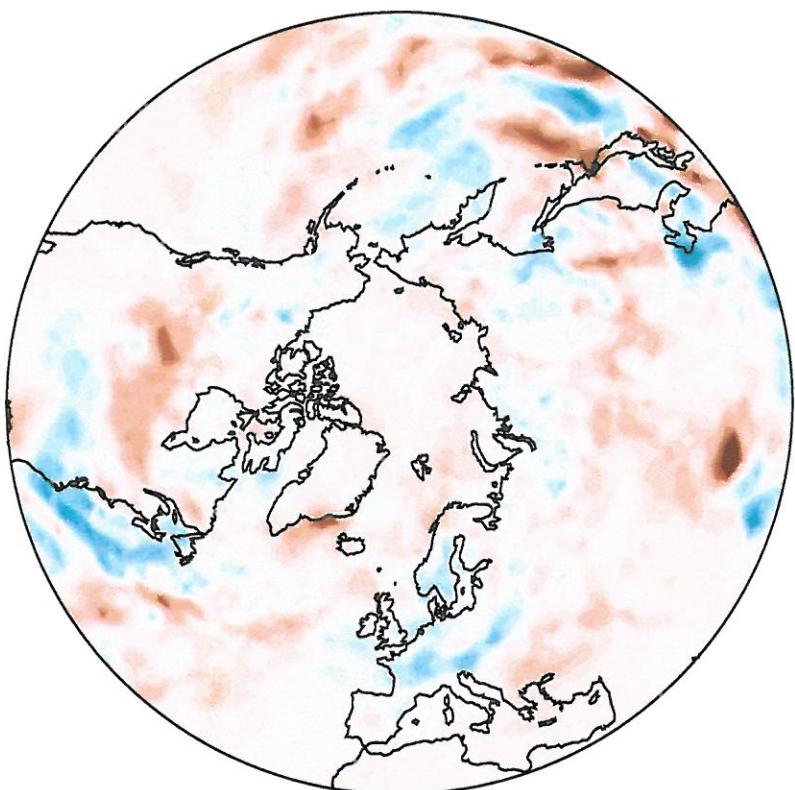
*with Greenland  
without 0.05.*



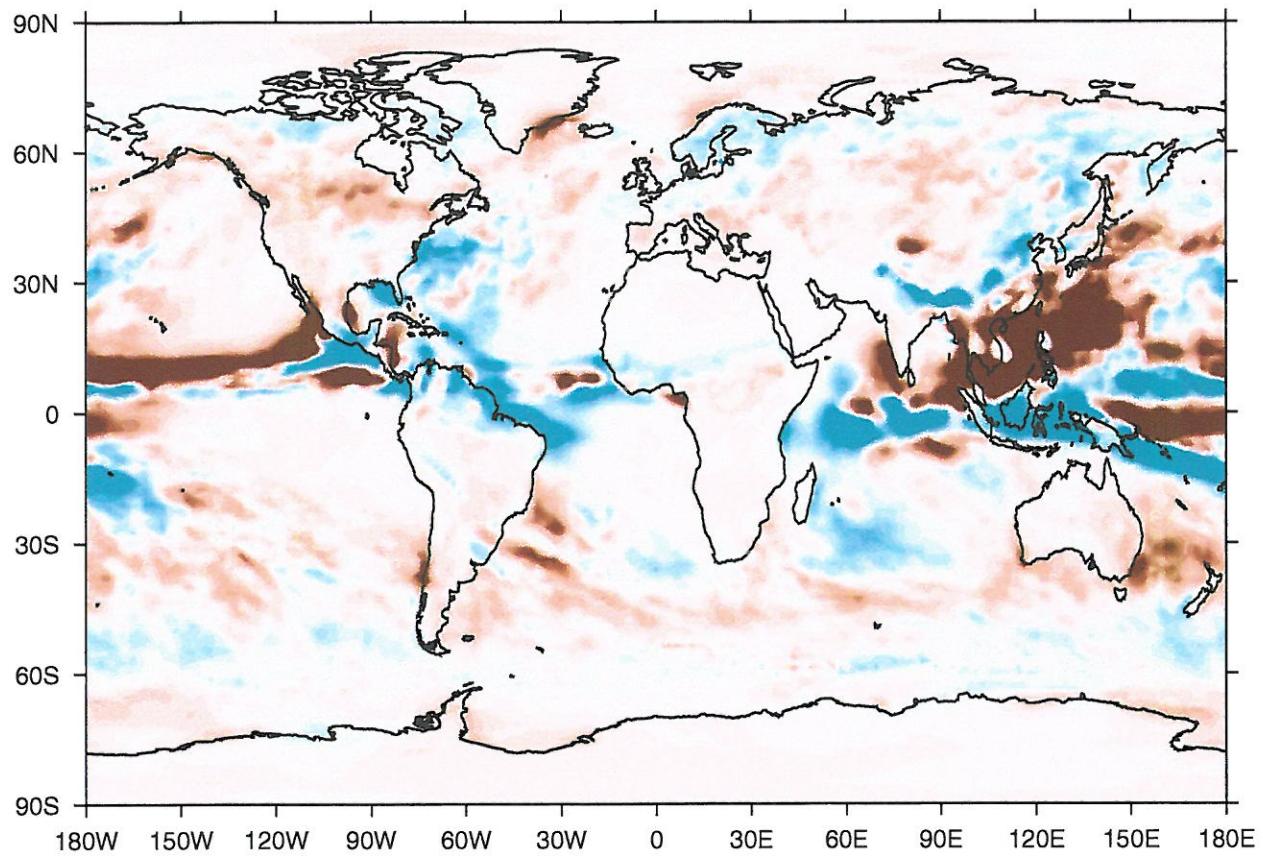
EXPT PERT - CTRL



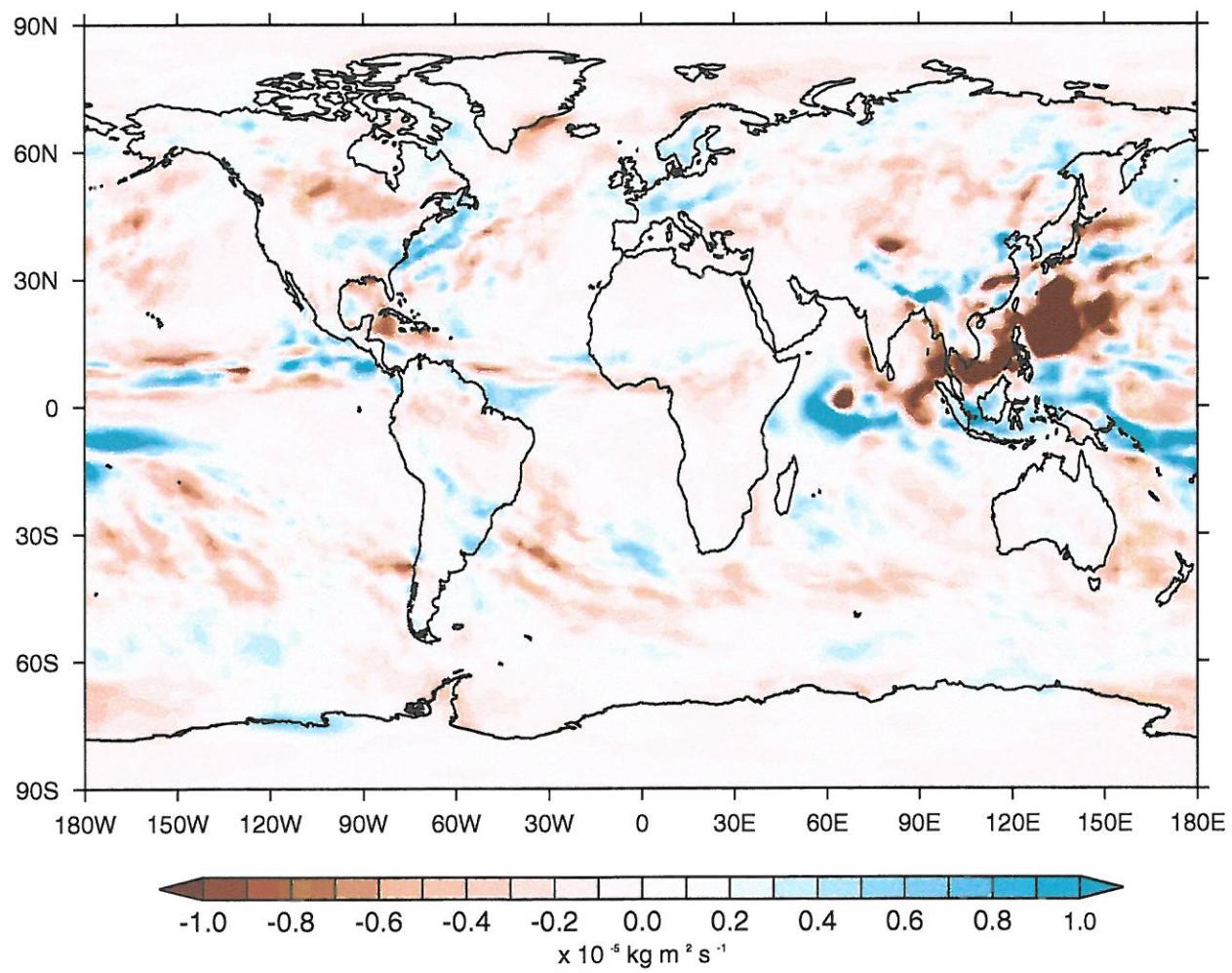
EXPT IOP - CTRL



EXPT PERT - CTRL

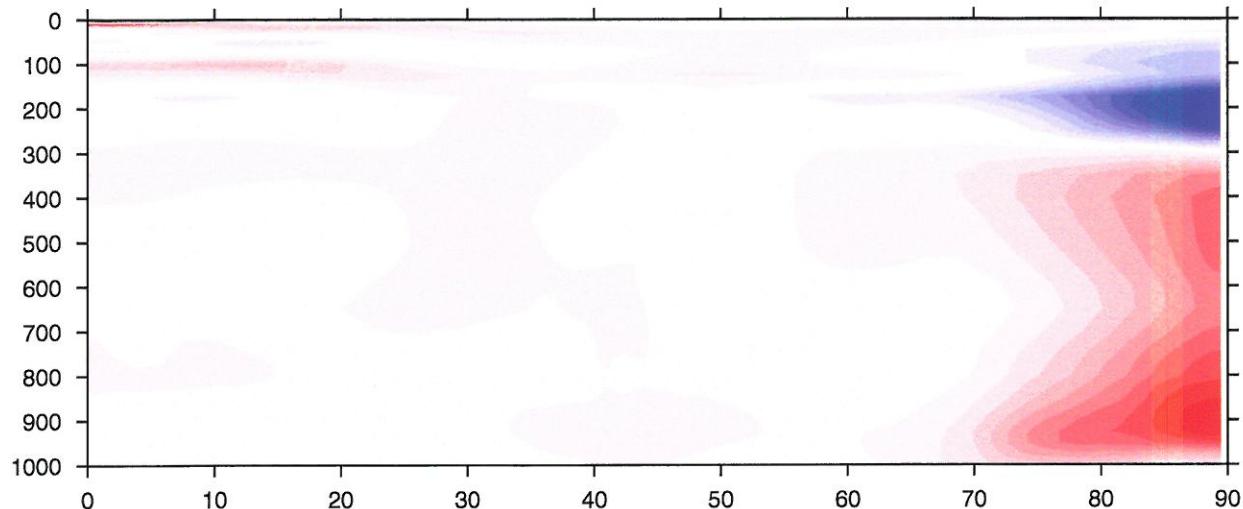


EXPT IOP - CTRL

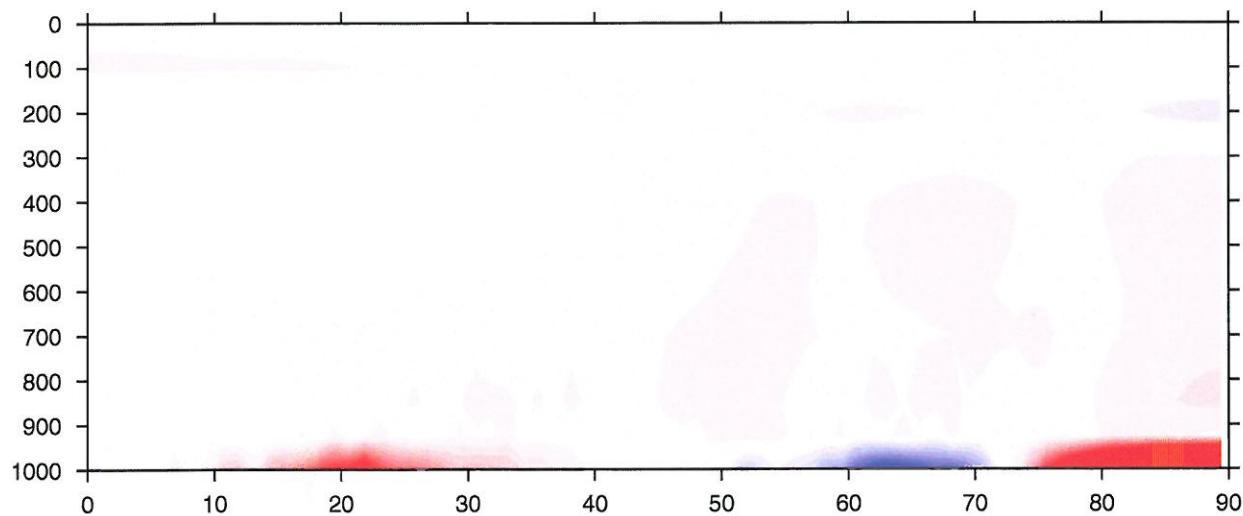


# Temperature Response

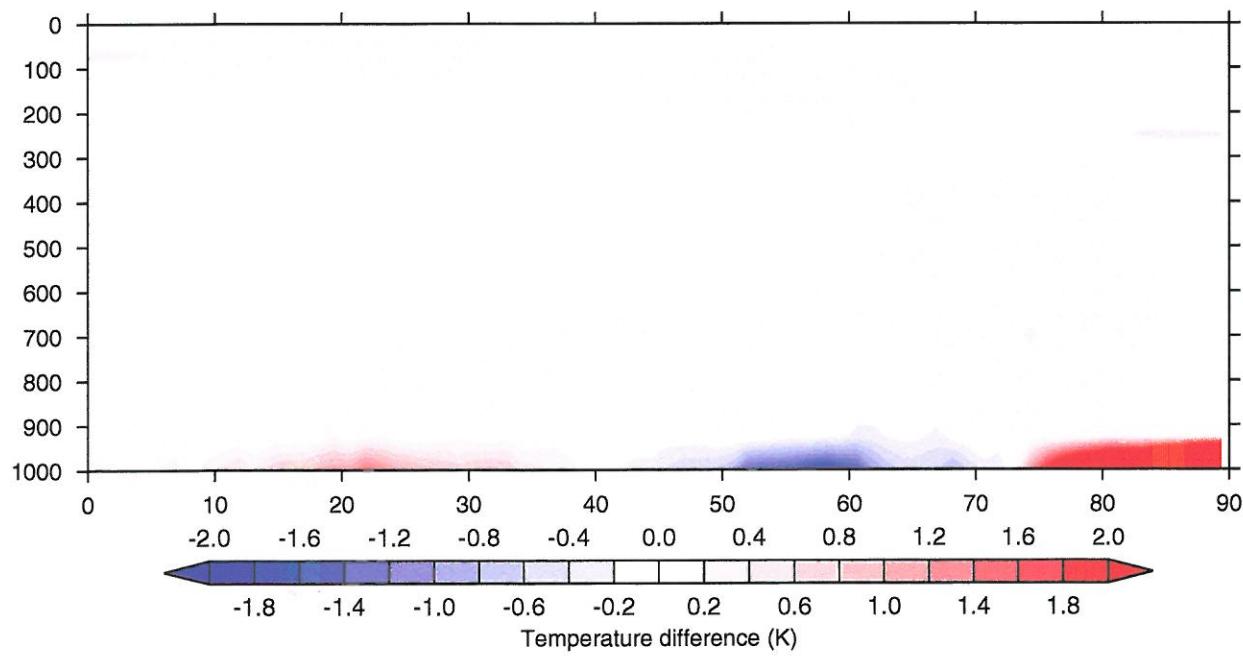
ERA-Interim (2007-2011)-(1996-2005)



EXPT PERT - CTRL

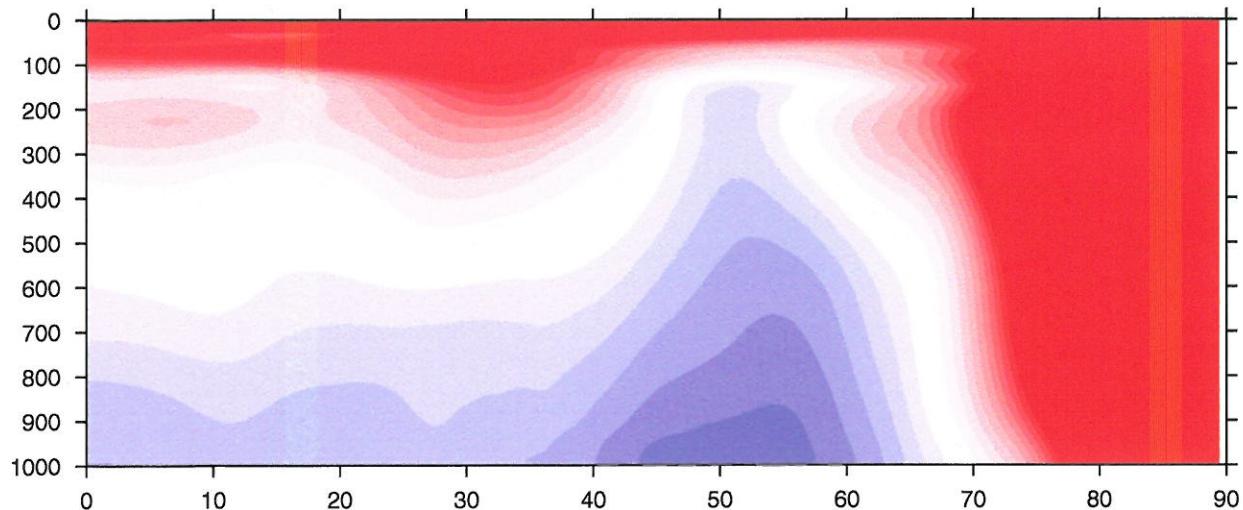


EXPT IOP - CTRL

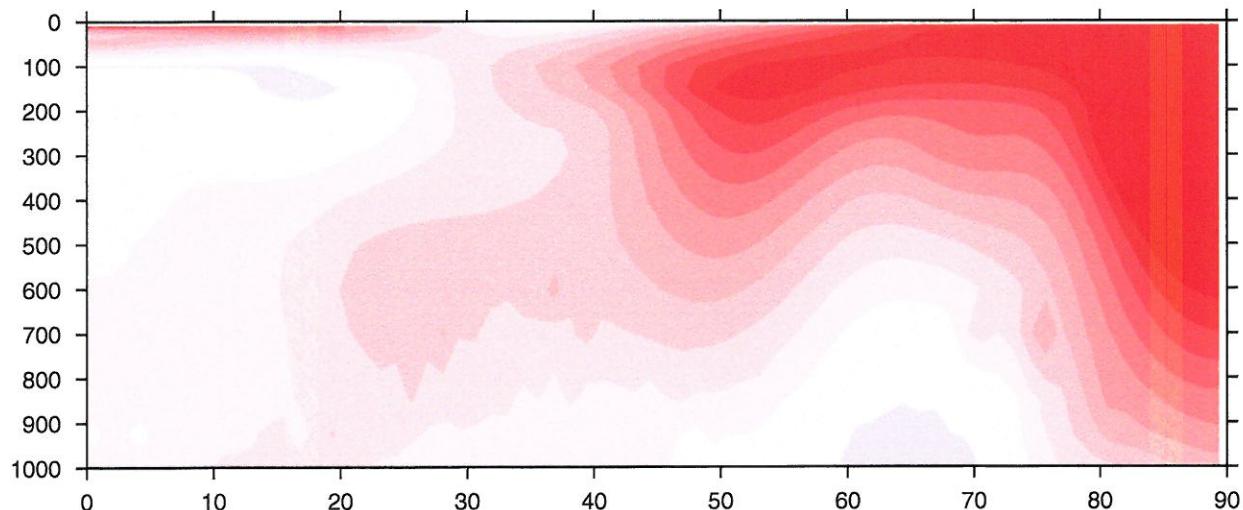


# Geopotential Height Response

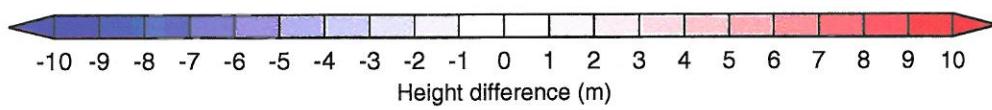
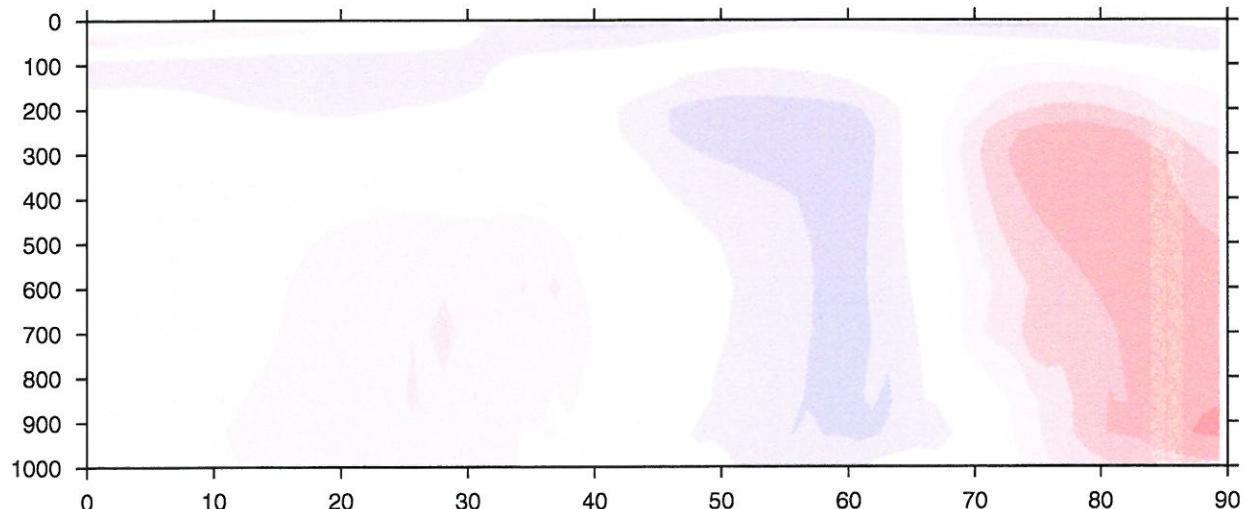
ERA-Interim (2007-2011)-(1996-2005)



EXPT PERT - CTRL



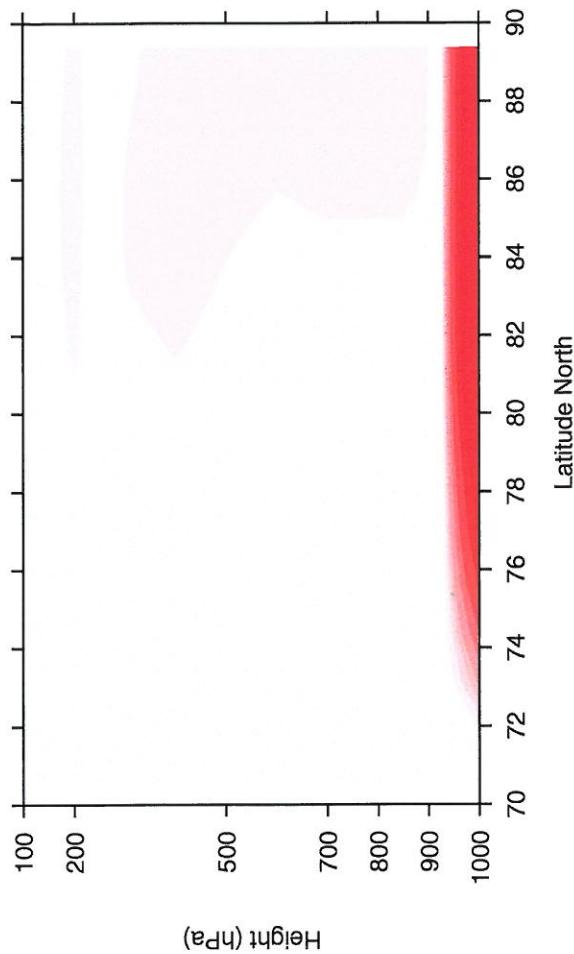
EXPT IOP - CTRL



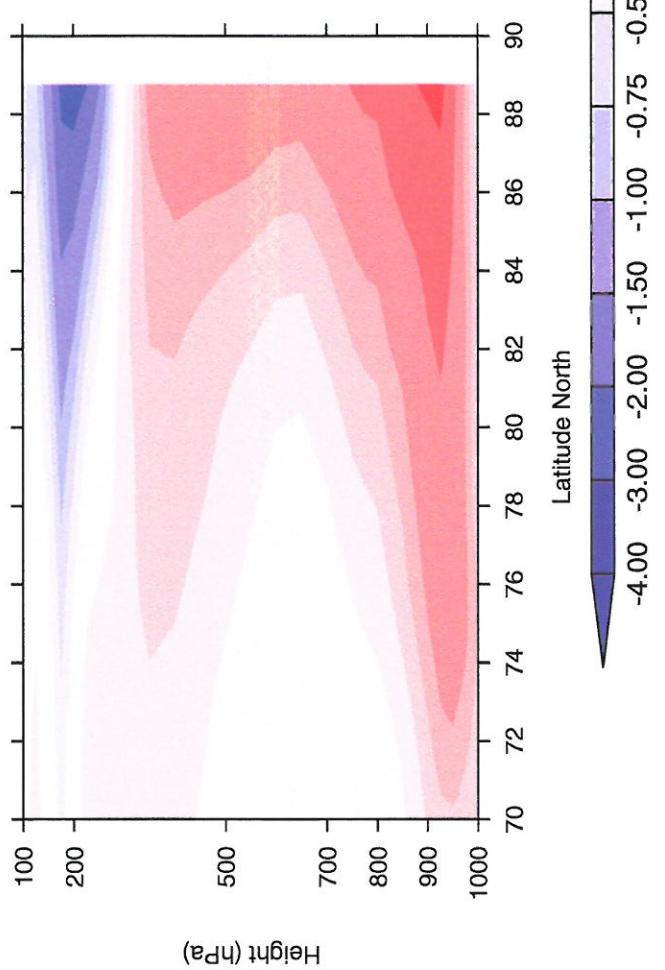
~~All~~ temperature profiles, ~~in~~cluding land points



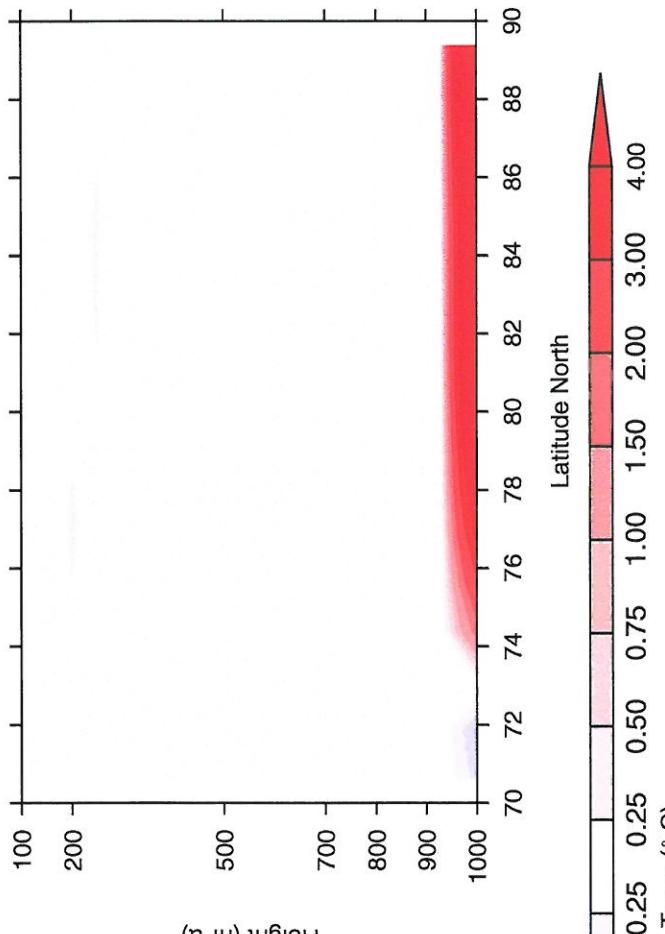
All pert expt



ERA-1 0711-9605 Temperature difference profiles



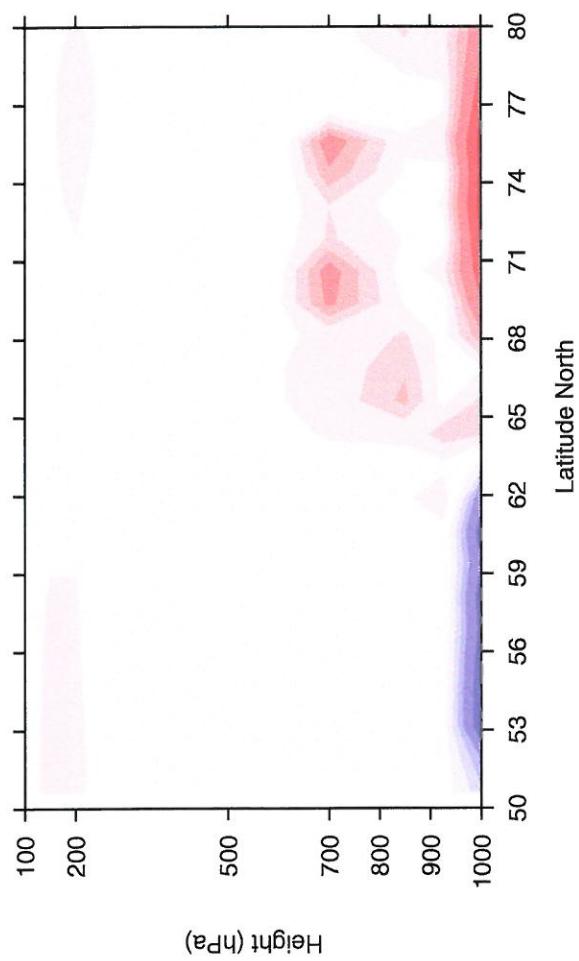
Ice only pert expt



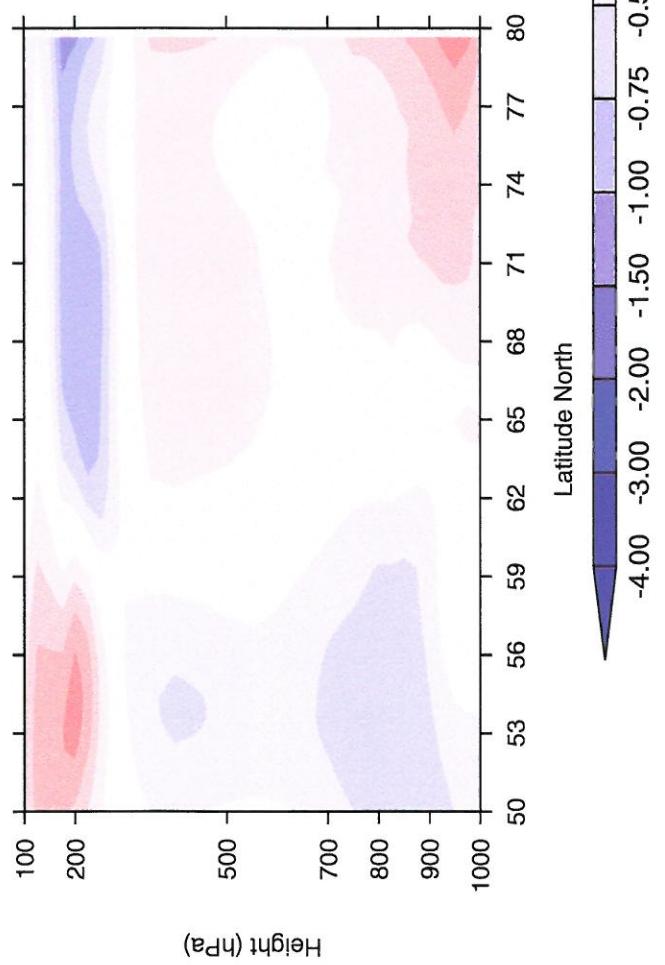
JJA temperature profiles, including land points



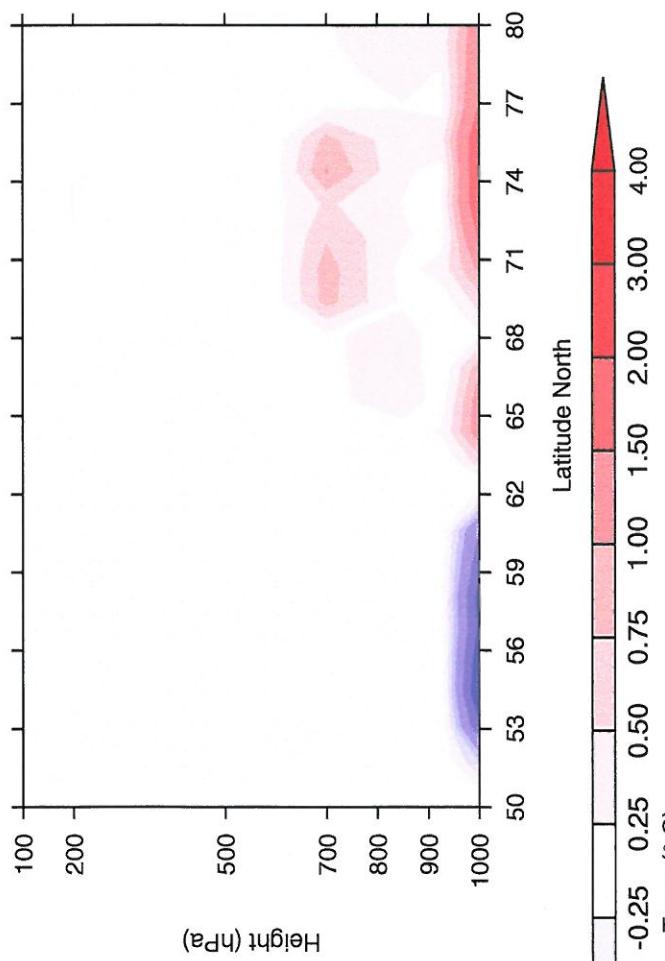
All pert expt



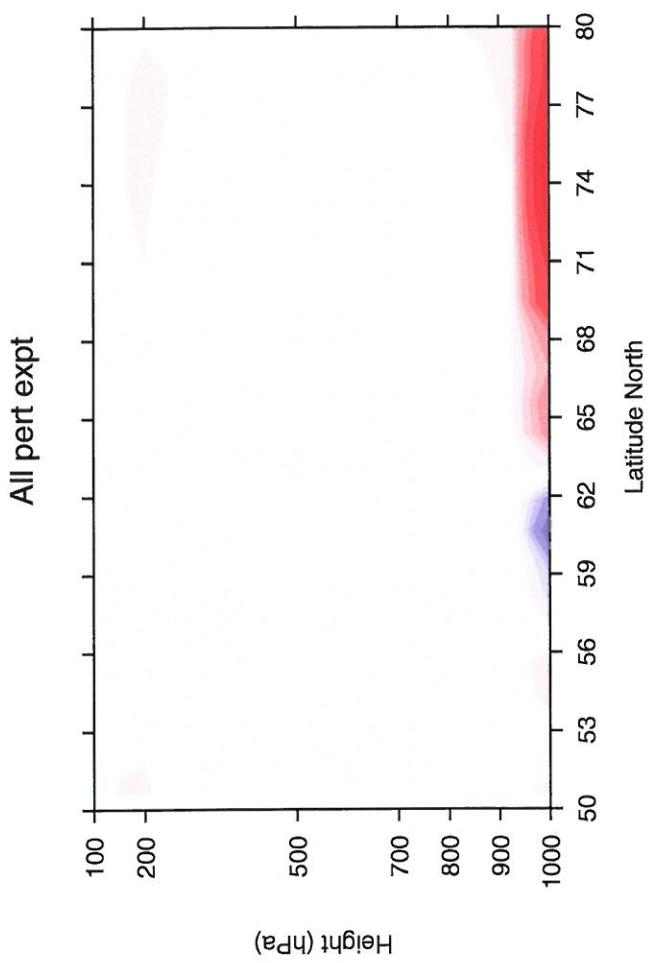
ERA-1950-9605 Temperature difference profiles



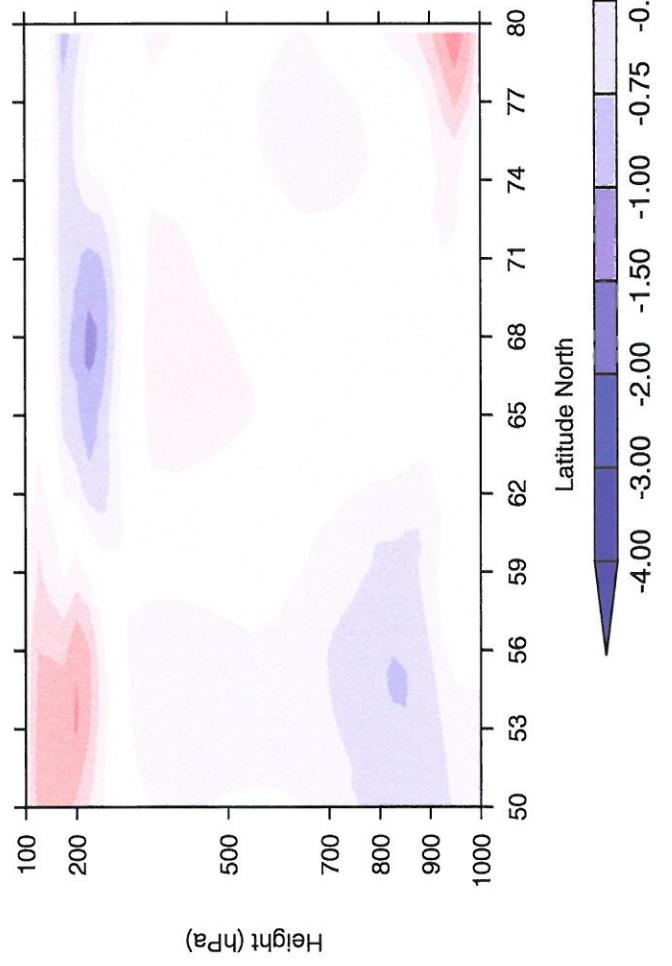
Ice only pert expt



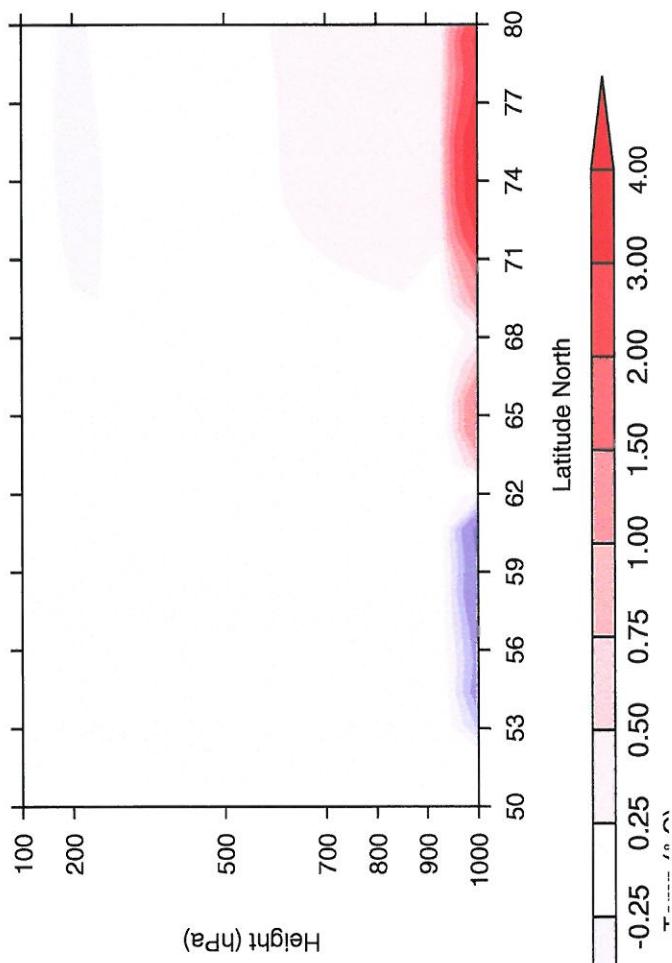
JJA temperature profiles, ocean points only



ERA-1 0711-9605 Temperature difference profiles



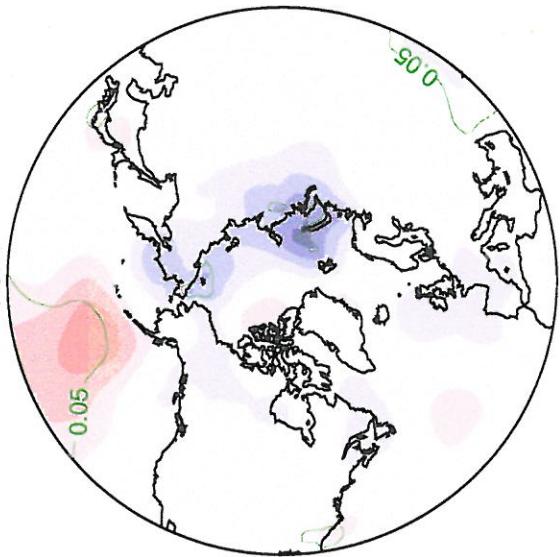
Ice only pert expt



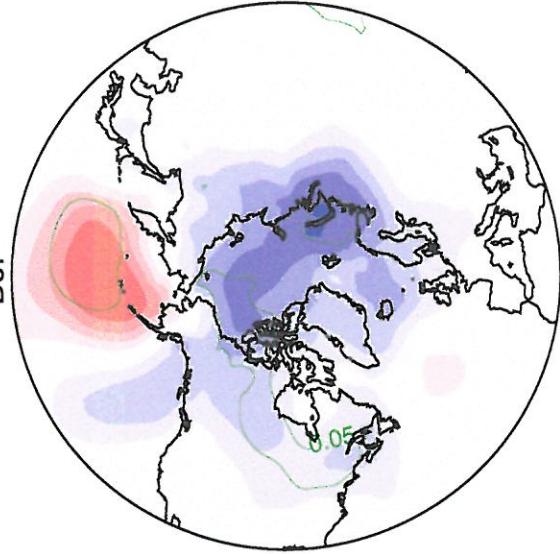
# MSLP RESPONSE EXPT1 PERT (2007-2011) - CTRL (1996-1995) (24 hrs)

Wed Jan 30 13:51:24 2013  
/export/quincee/data-06/wx019276/um\_expts/analysis/full\_pert\_response/mslp\_expt1\_pertsp\_finescale\_sig\_polar.ps

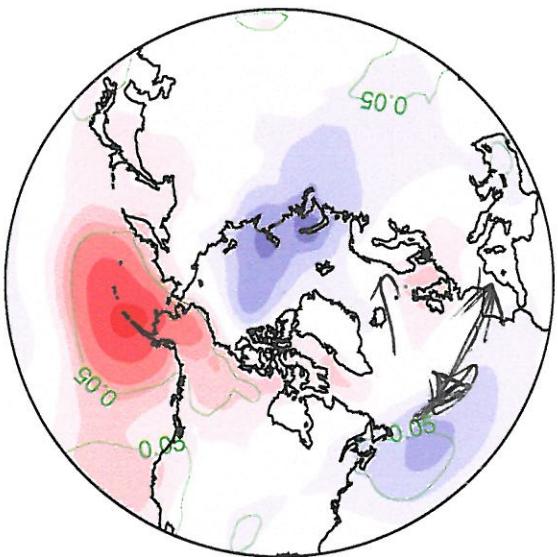
SON



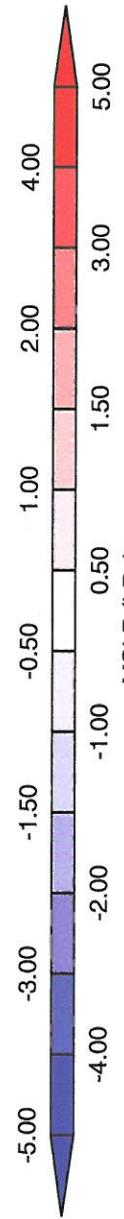
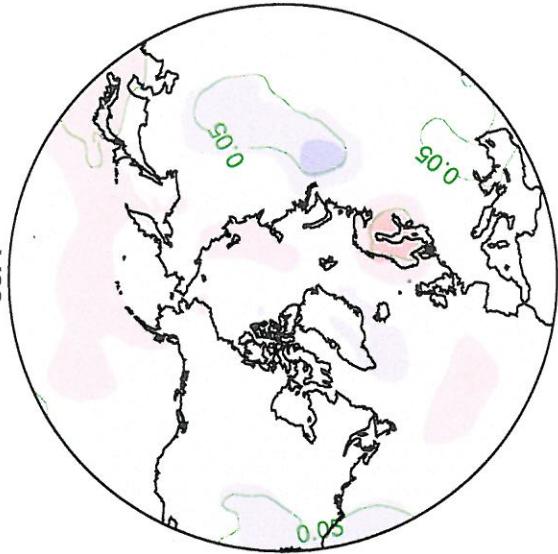
DJF

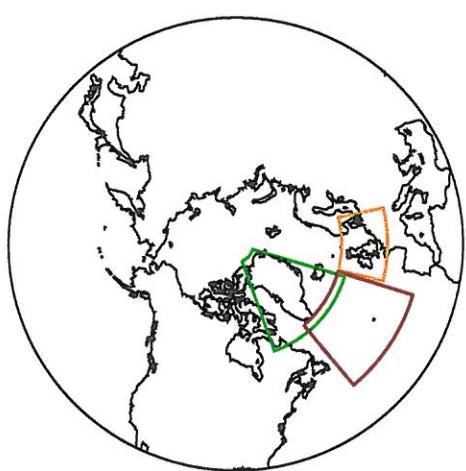


MAM

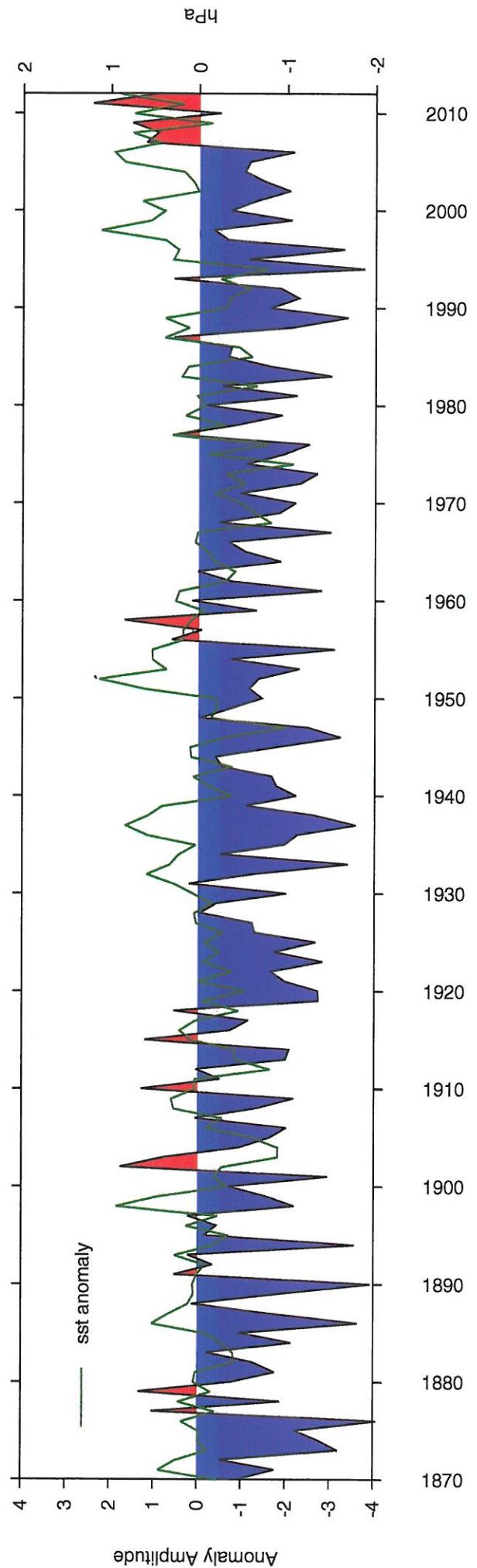


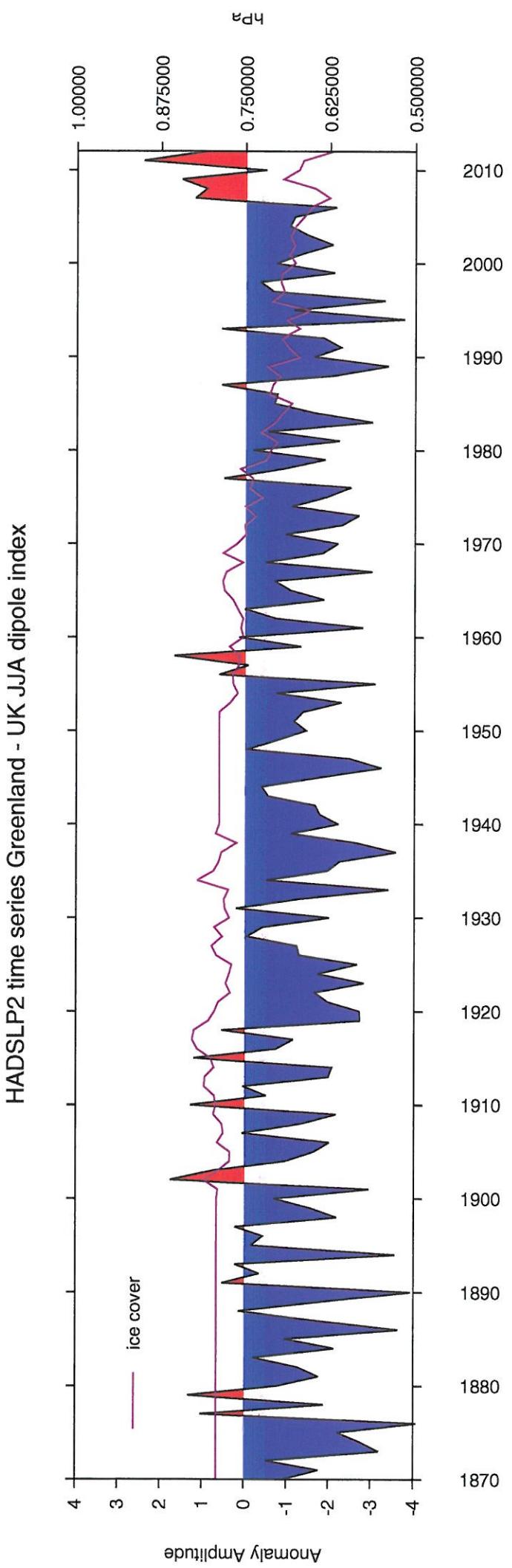
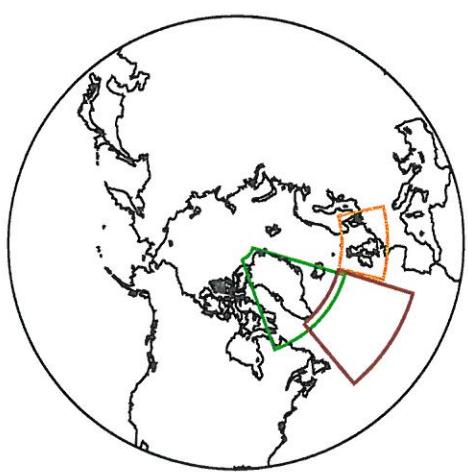
JJA

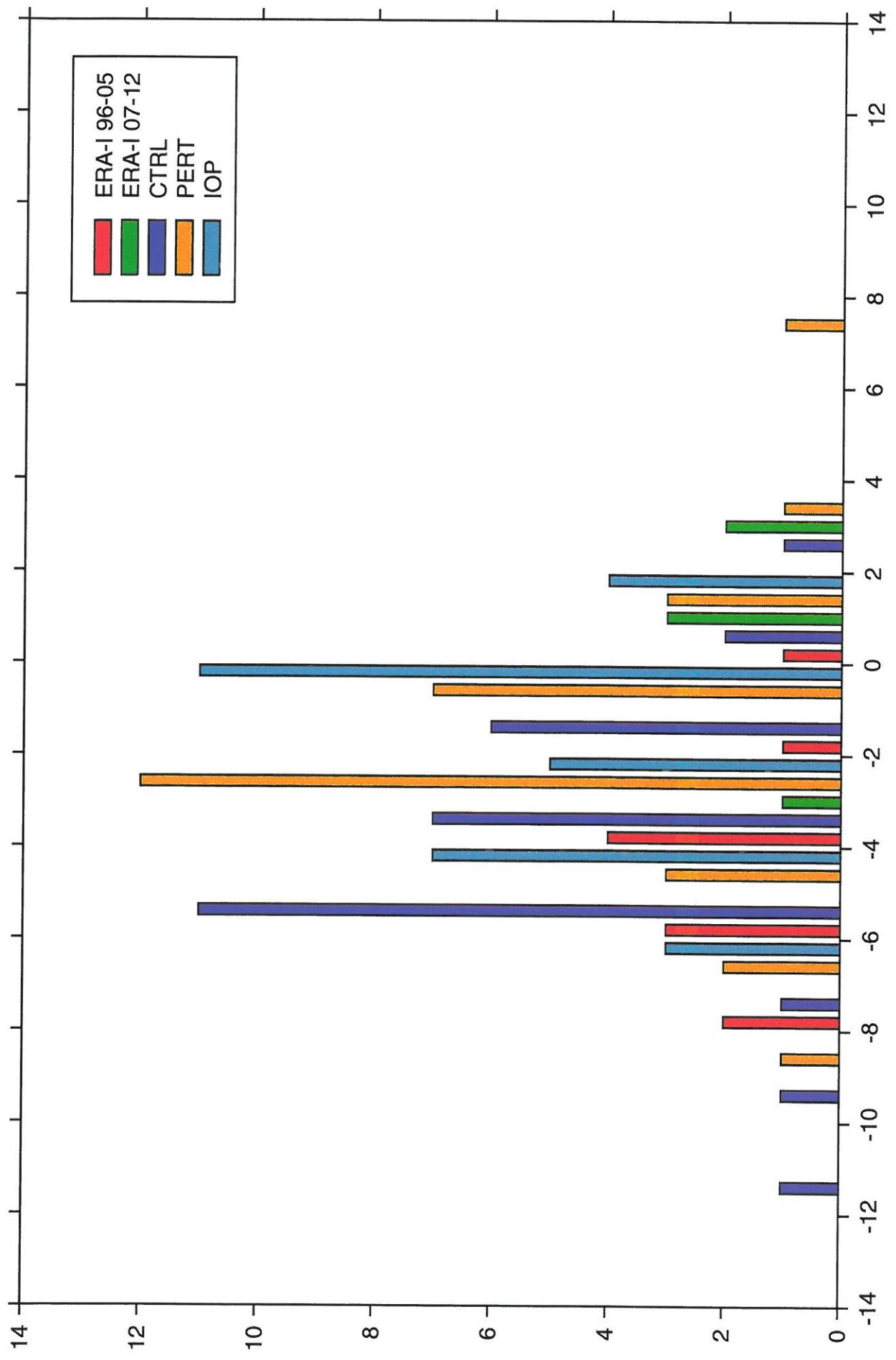




HADSLP2 time series Greenland - UK JJA dipole index





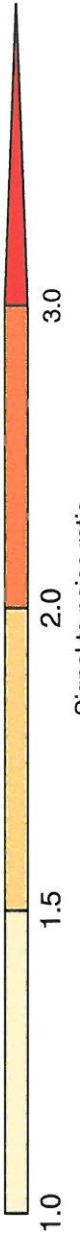
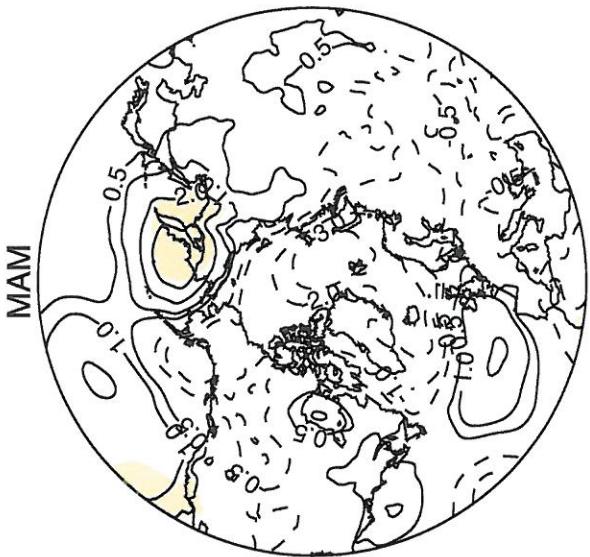
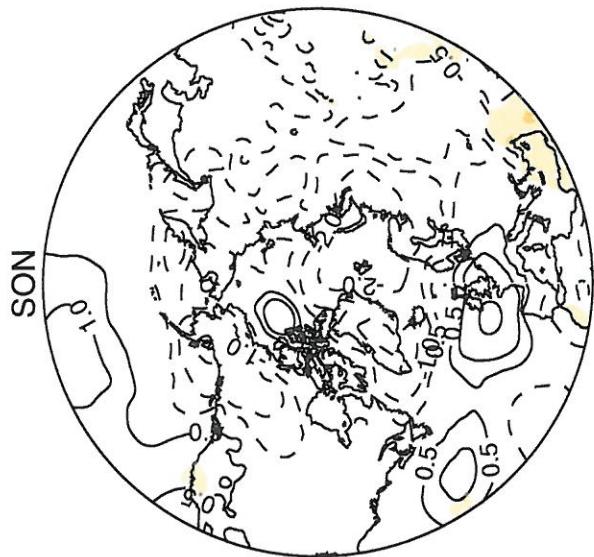
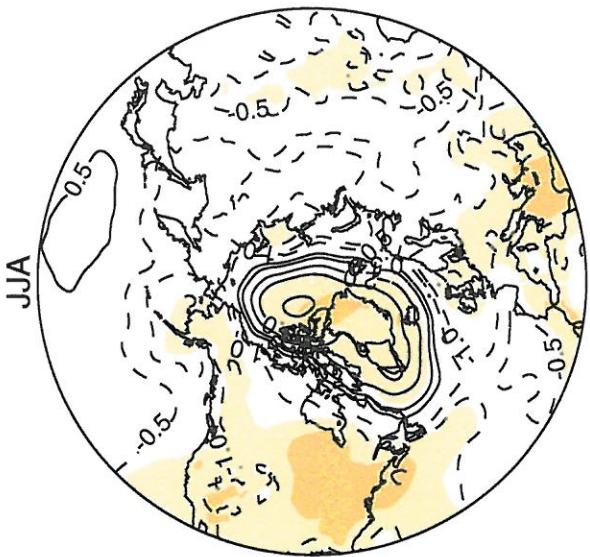
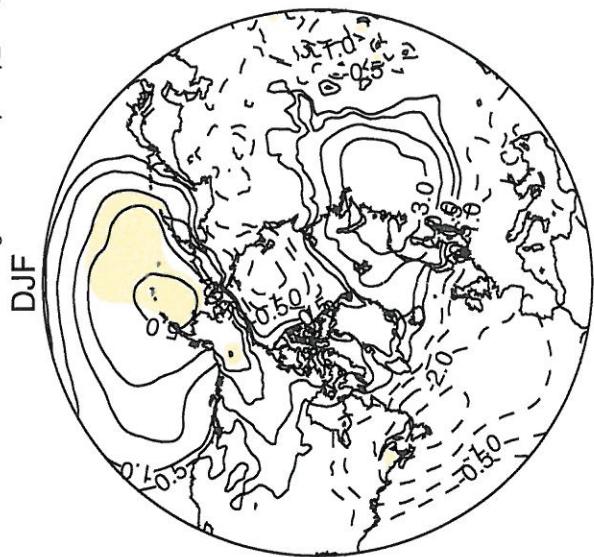


No. of yrs / months

Done.

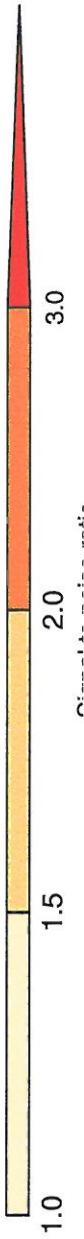
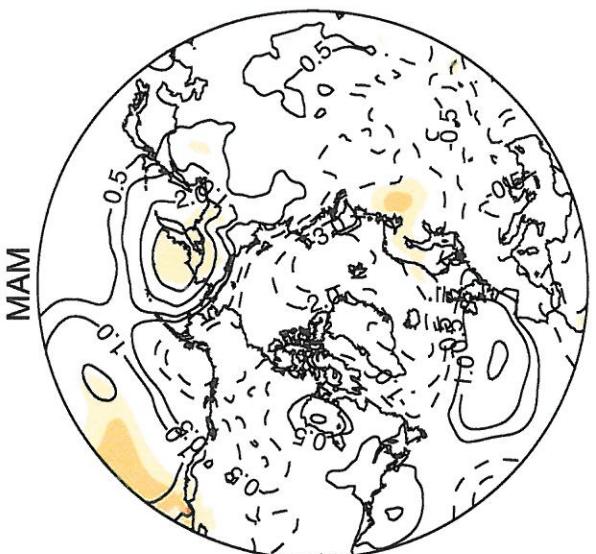
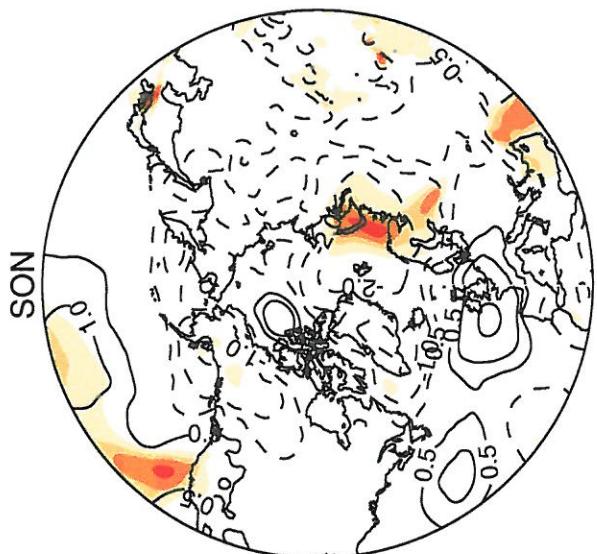
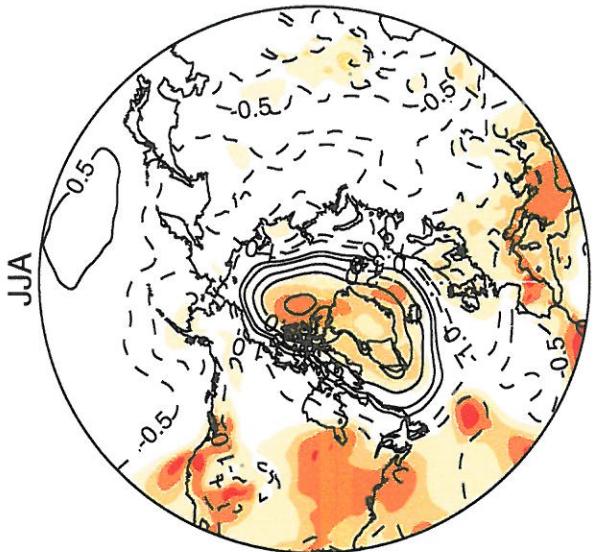
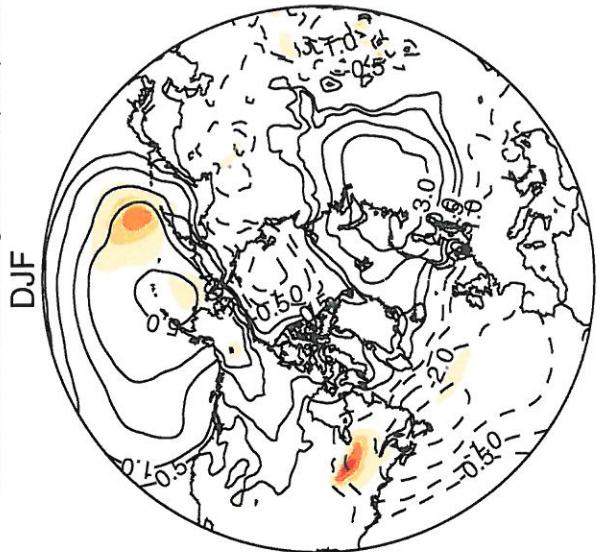
# ERA-I seasonal MSLP anomalies (<007-2011) - (1996-2005): SN\_96-1

Wed Mar 13 09:25:24 2013  
/home/wx019276/teacosif/figures/era/mslp/mslp\_seas\_anom\_snr\_0711\_polar.ps



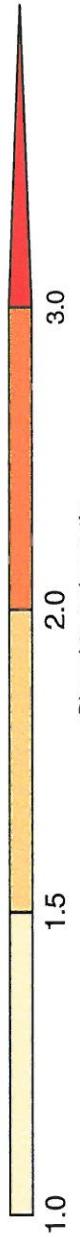
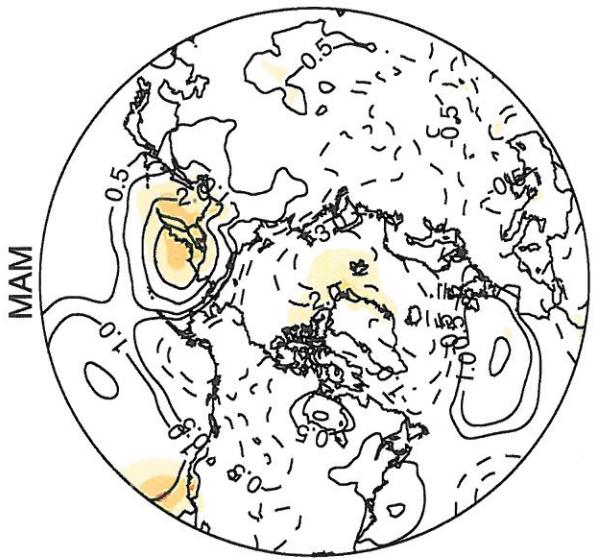
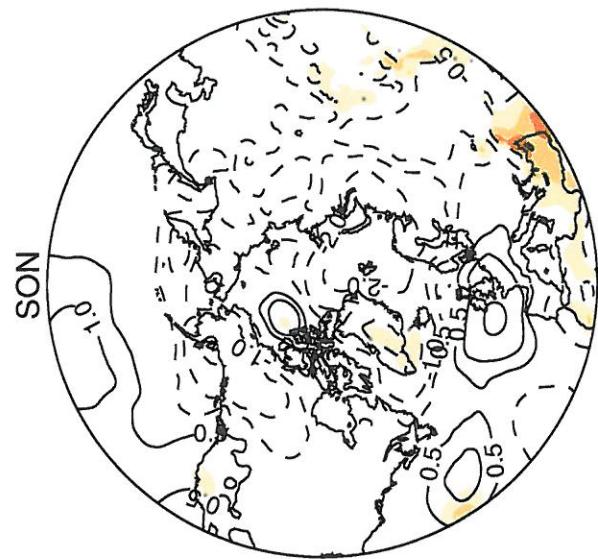
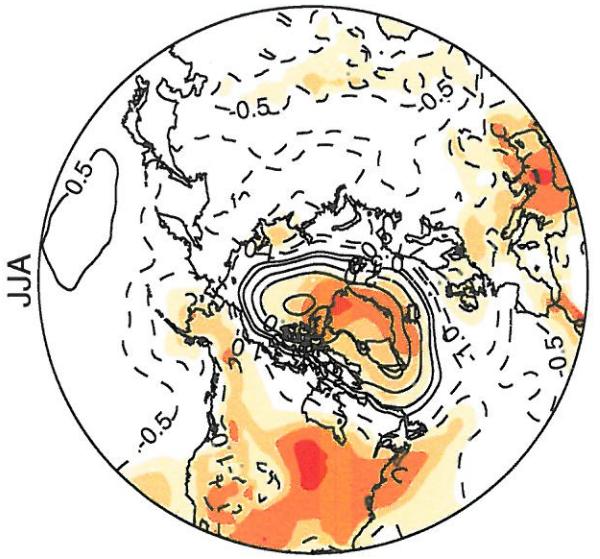
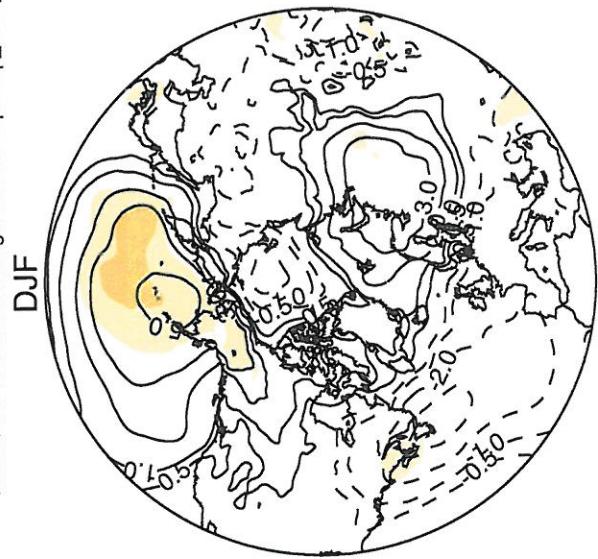
# ERA-I seasonal MSLP anomalies (1996-2011) - (1996-2005): SN<sub>per</sub>

Wed Mar 13 09:15:54 2013  
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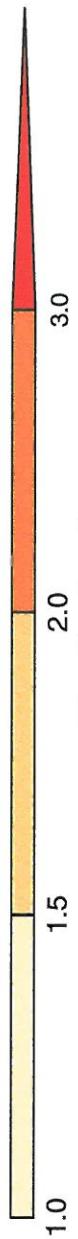
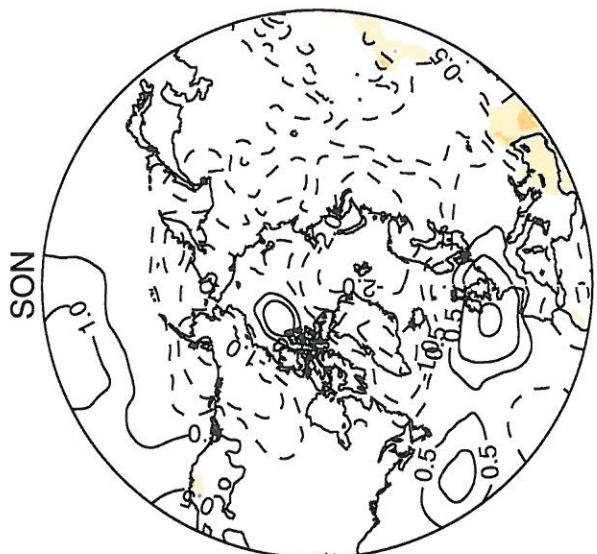
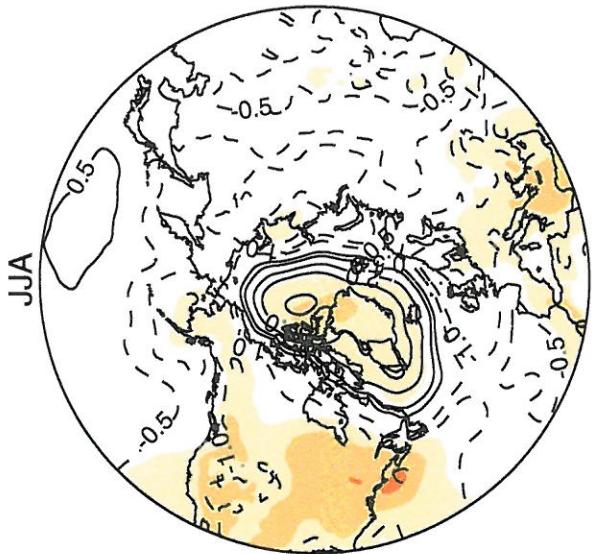
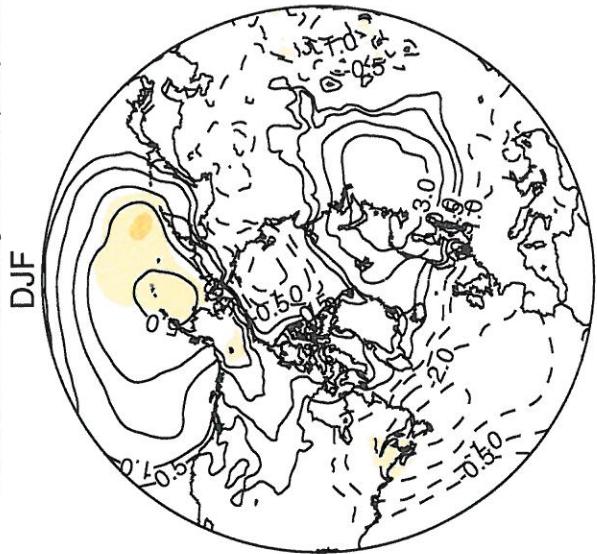
# ERA-I seasonal MSLP anom. allies (-007-2011) - (1996-2005): SN . ctrl

Wed Mar 13 09:15:29 2013  
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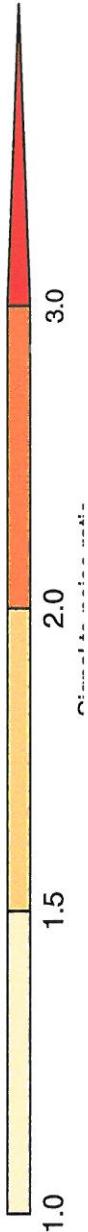
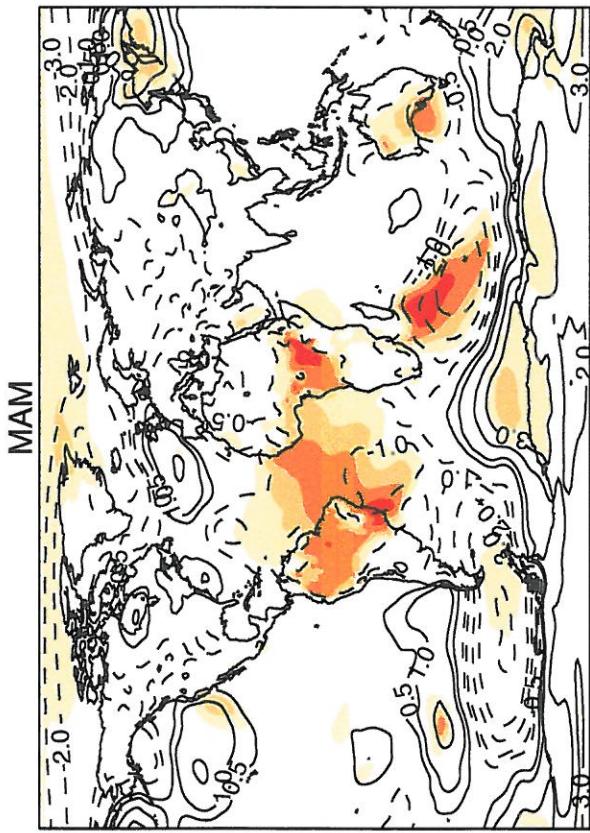
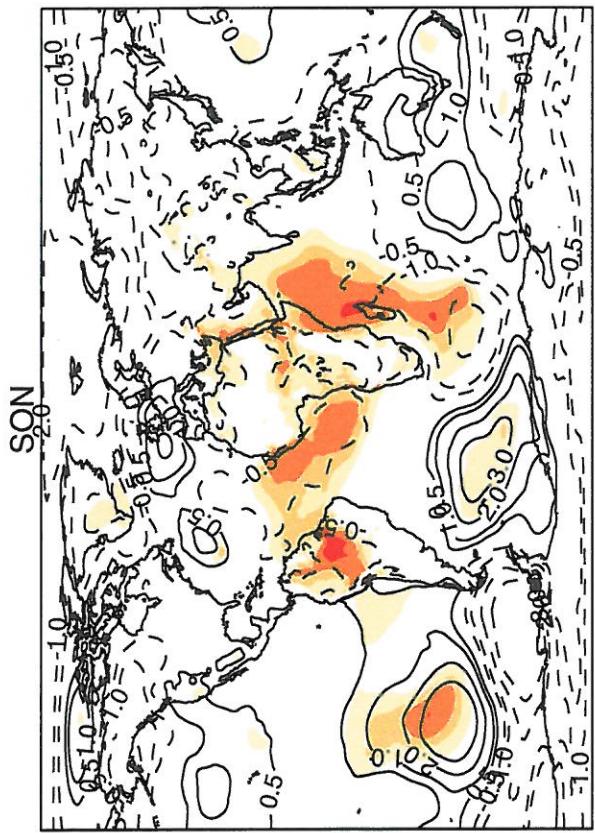
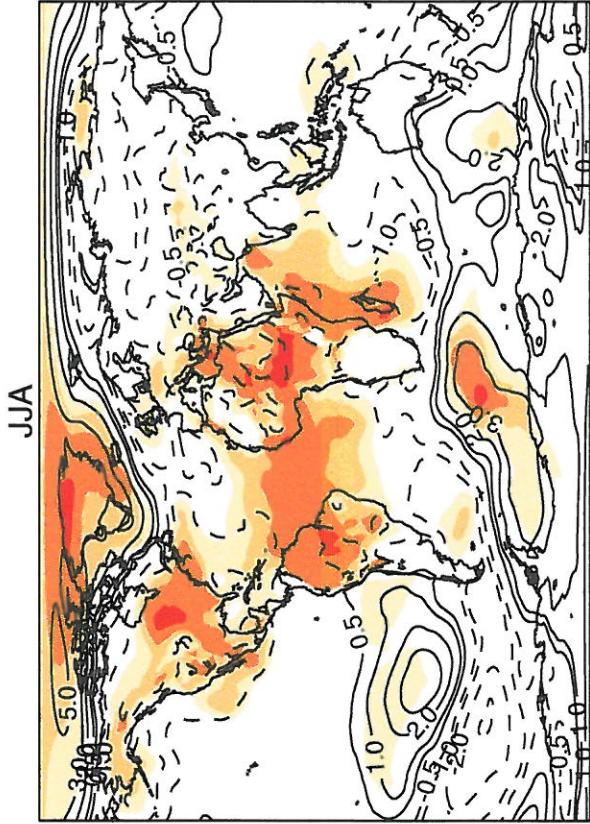
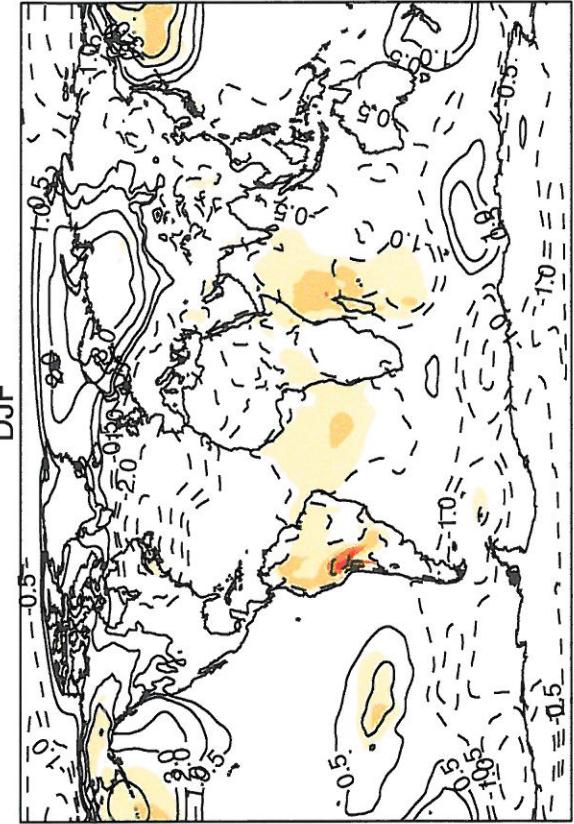
# ERA-I seasonal MSLP anomalies (1996-2011) - (1996-2005): SN\_79-1

Wed Mar 13 09:28:03 2013  
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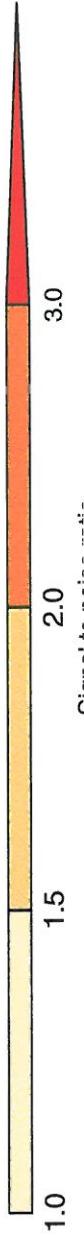
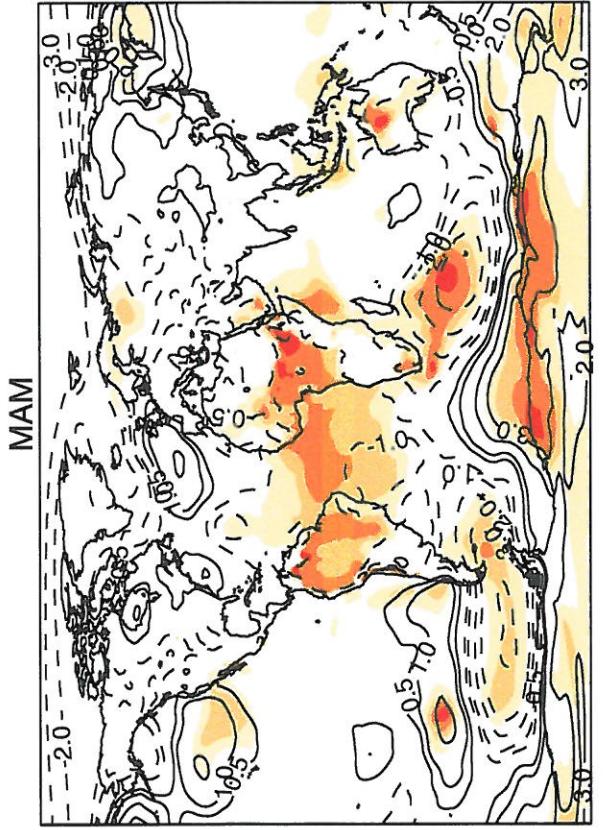
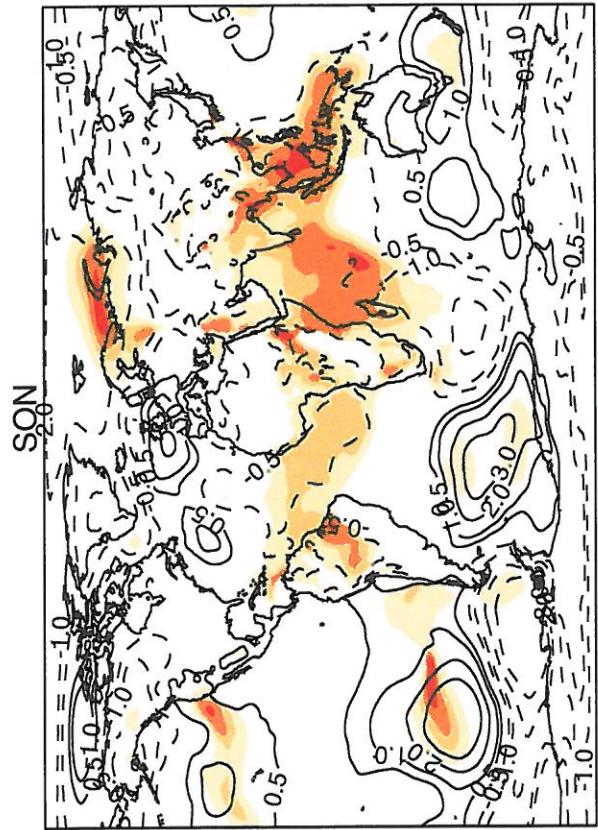
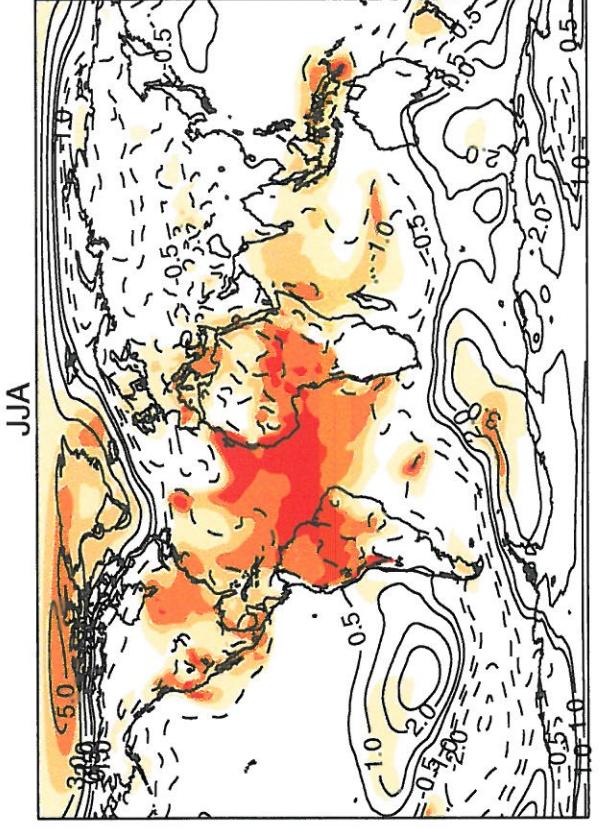
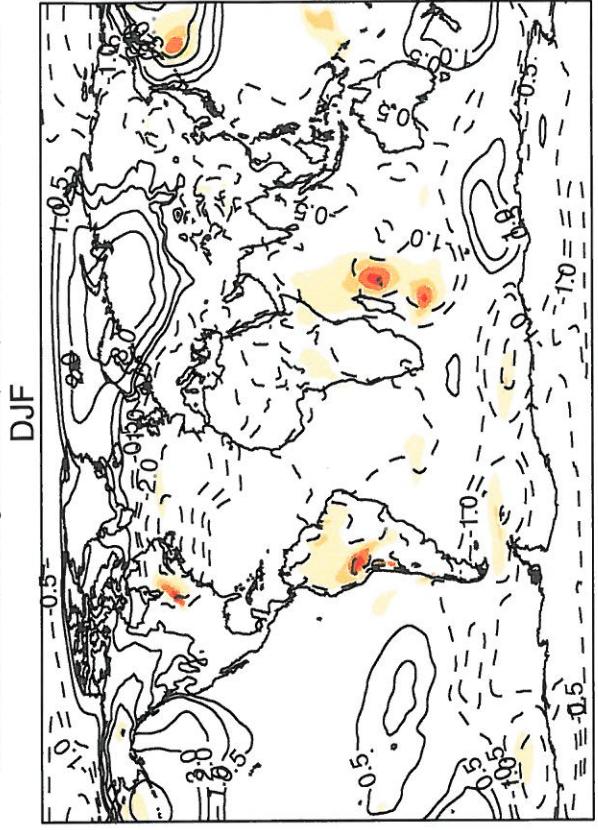
# ERA-I seasonal MSLP anomalies (2007-2011) - (1996-2005): SN<sub>0.1</sub> ctrl

Wed Mar 13 09:23:28 2013  
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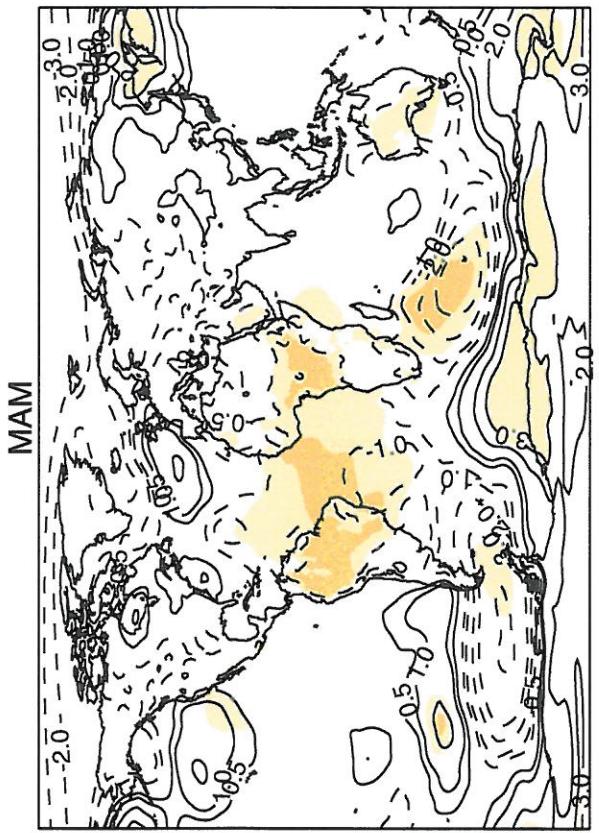
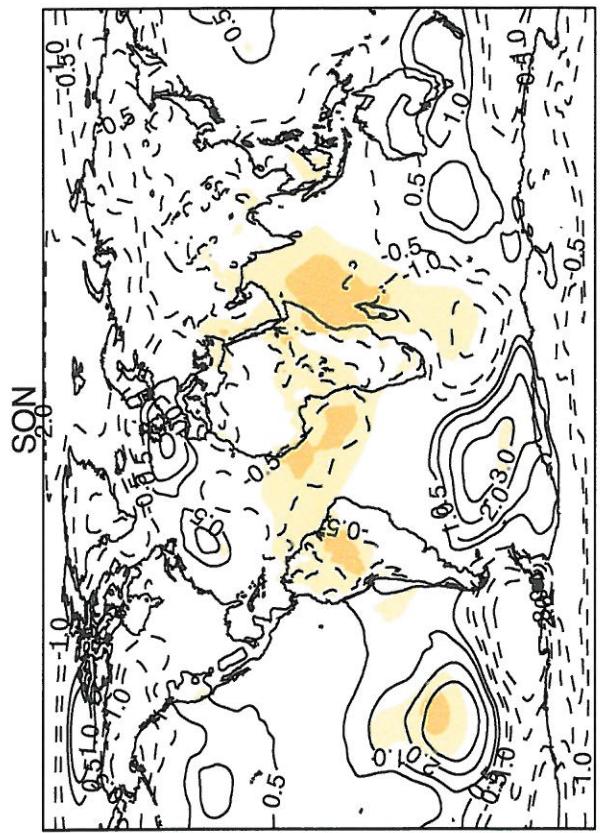
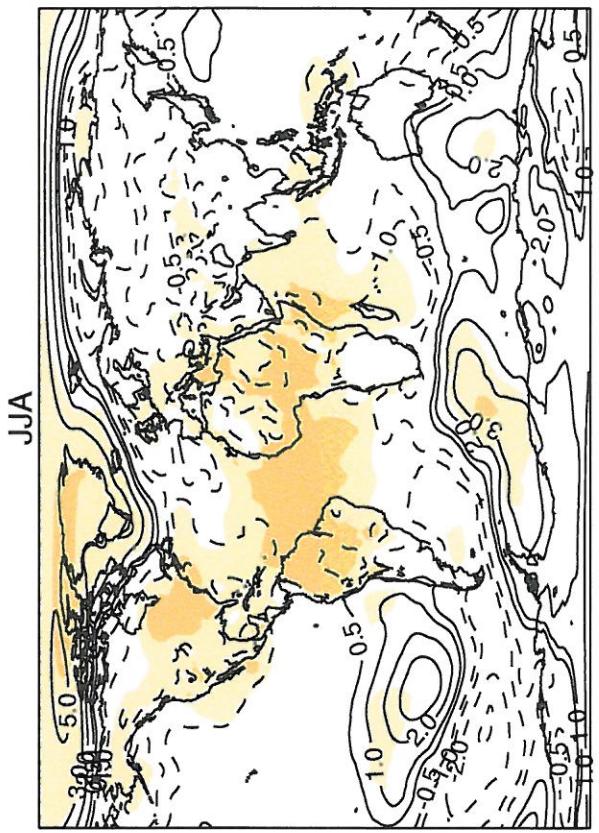
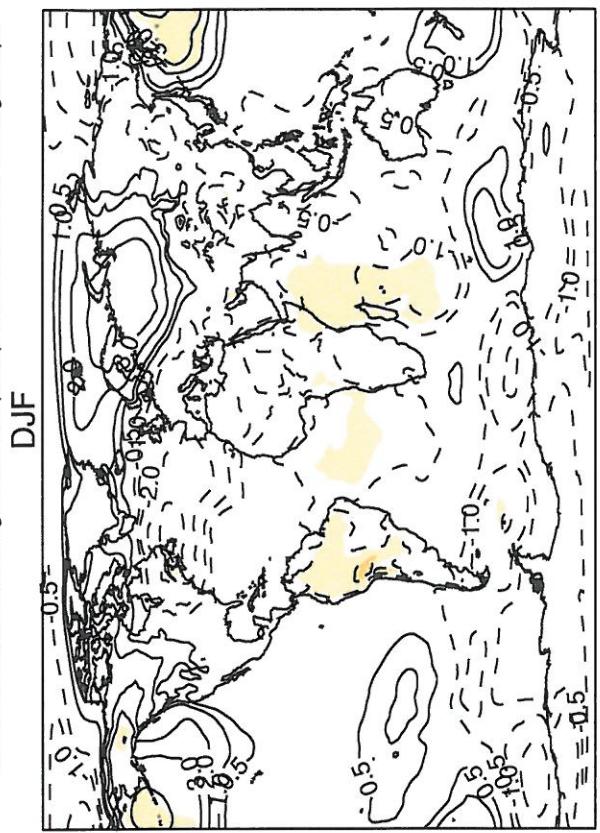
# ERA-1 seasonal MSLP anomalies (<007-2011) - (1996-2005): SN<sub>n</sub>, pert

Wed Mar 13 09:16:15 2013  
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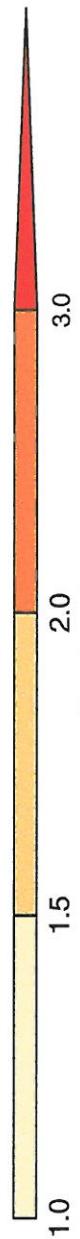
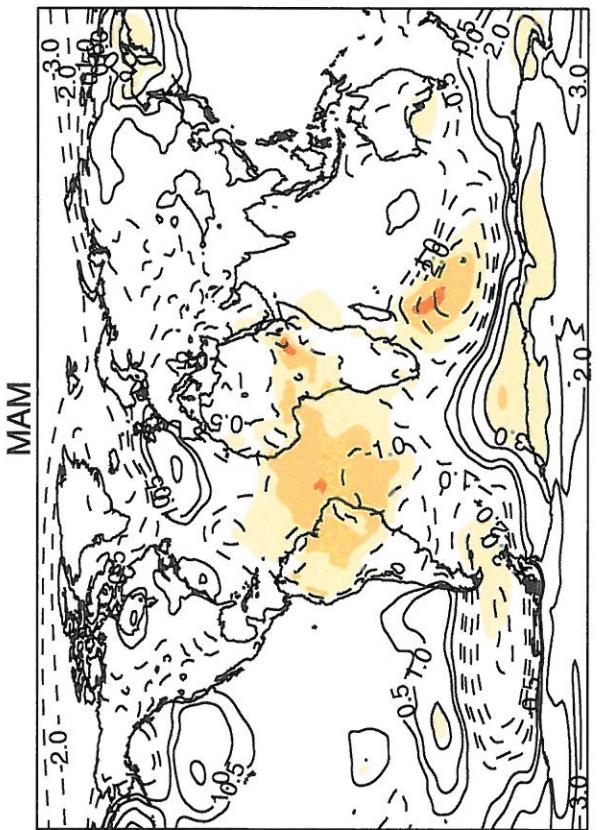
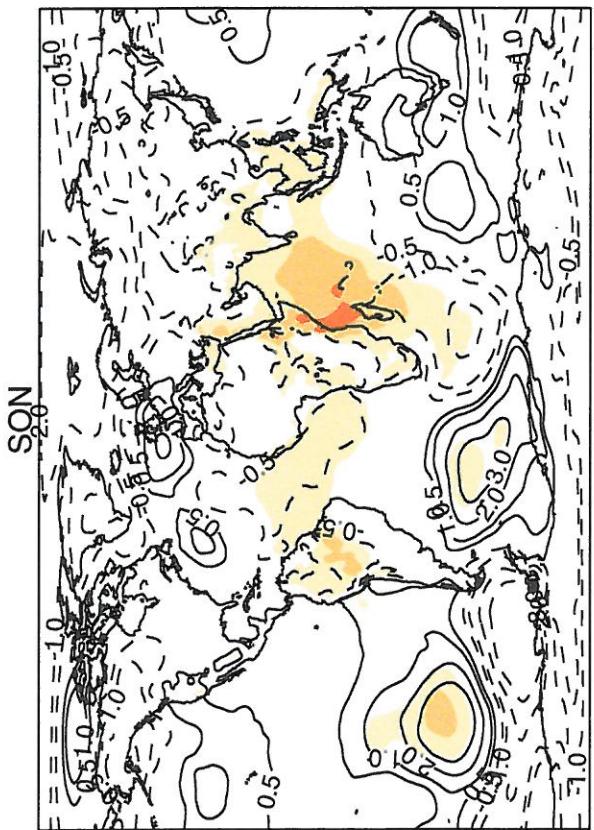
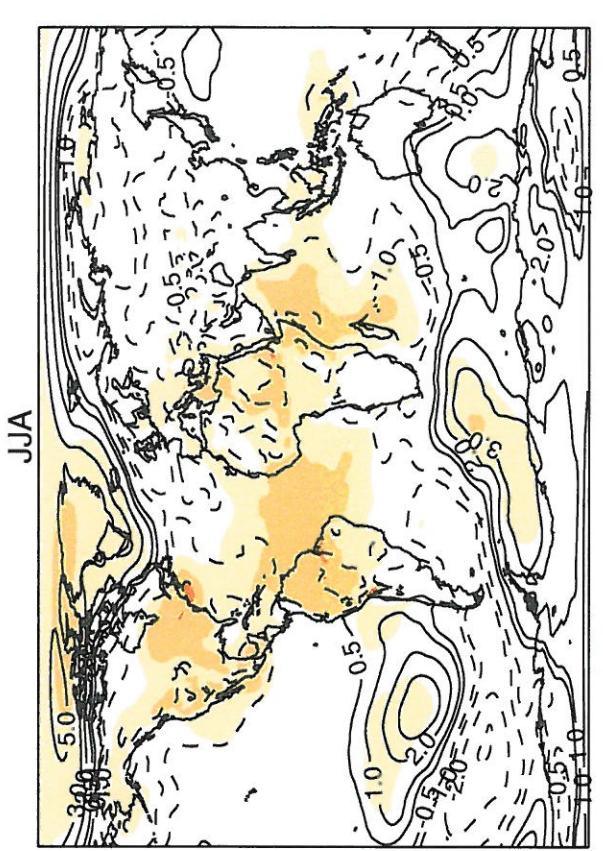
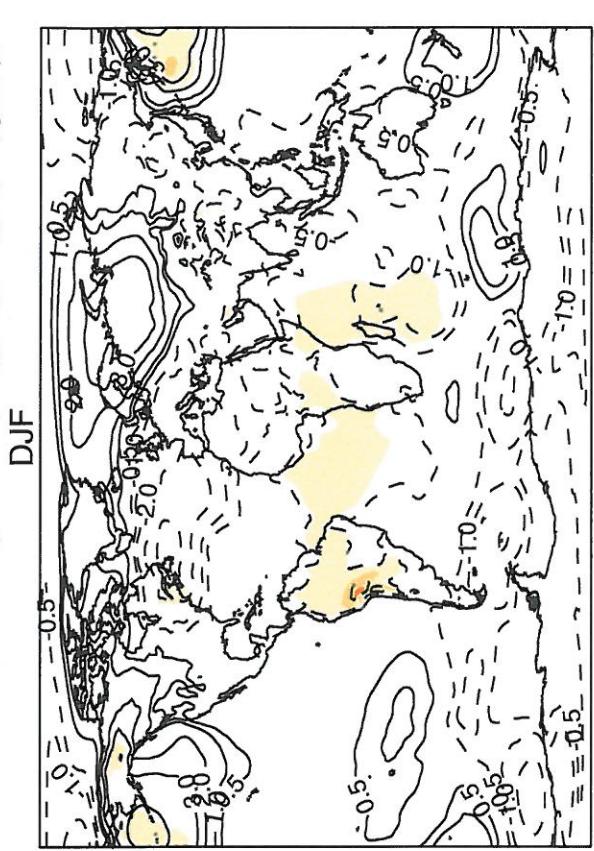
# ERA-I seasonal MSLP anomalies (<007-2011) - (1996-2005): SN, i, 96-i,

Wed Mar 13 09:24:47 2013  
/home/wx019276/teacosif/figures/era/mslp/mslp\_seas\_anom\_snr\_0711\_global.ps



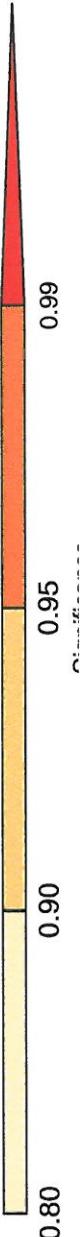
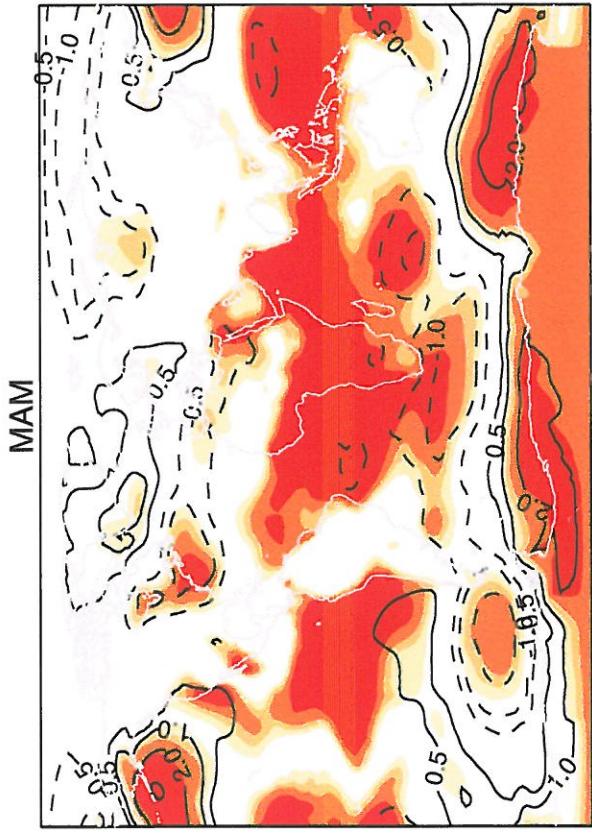
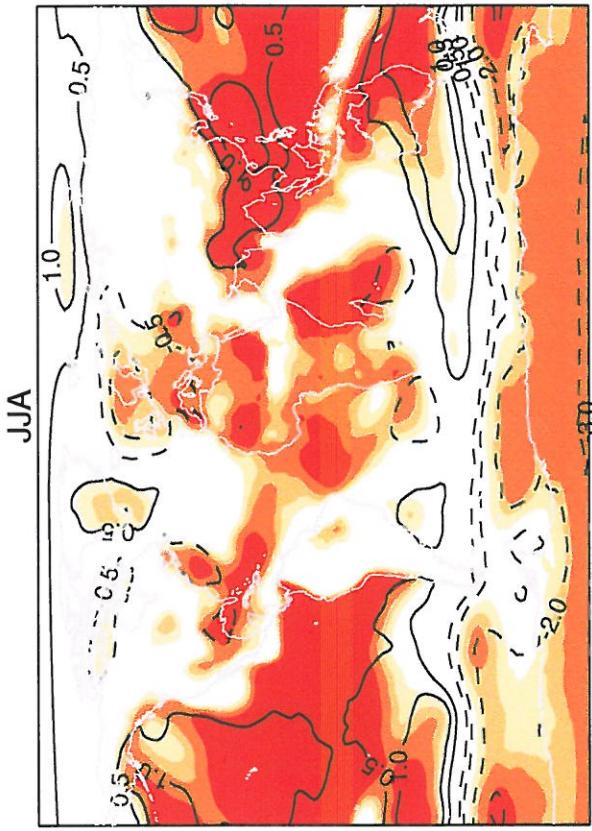
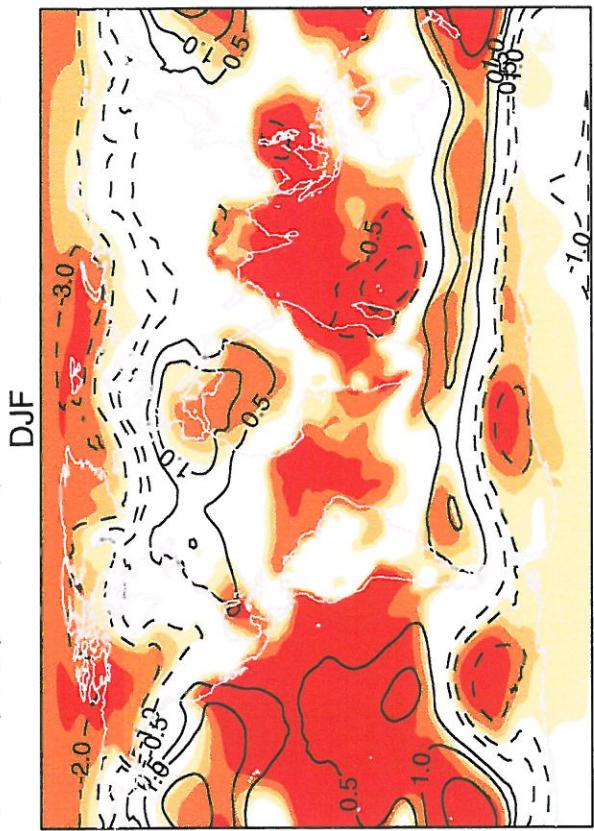
# ERA-I seasonal MSLP anomalies (<007-2011) - (1996-2005): SN\_1 79-1

Wed Mar 13 09:28:41 2013  
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# ALL PERT: MSLP SIGNIFIANT RESPONSE (2007-2011) - RL (.J96-1995)

/export/quince/data-06/wx019276/um\_expts/analysis/full\_pert\_response/err\_test\_mslp\_allpert\_significance\_global.ps



Wed Mar 13 08:54:14 2013

# ICE ONLY PERT: MSLP SIGNIFICANCE RESPONSE (2007-2011) - C,RL (1996-1995)

Wed Mar 13 08:55:54 2013  
/export/quince/data-06/wx019276/um\_expts/analysis/iceonly\_response/mslp\_iop\_significance\_globalps

