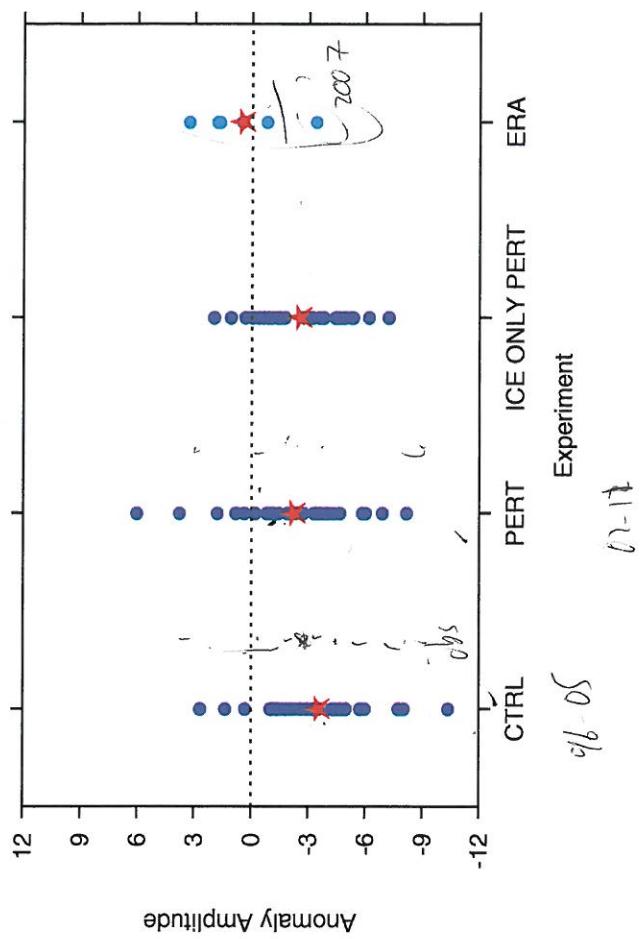
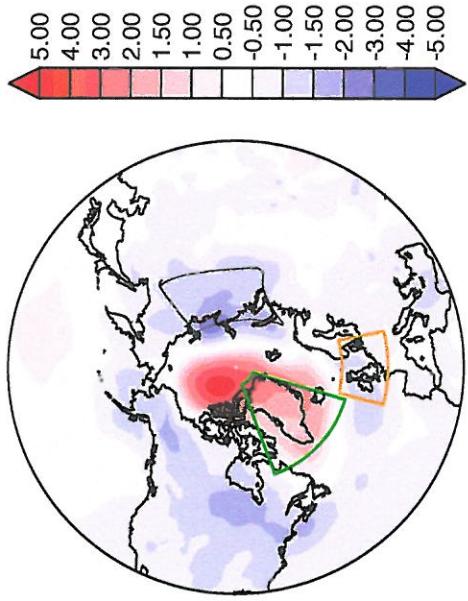
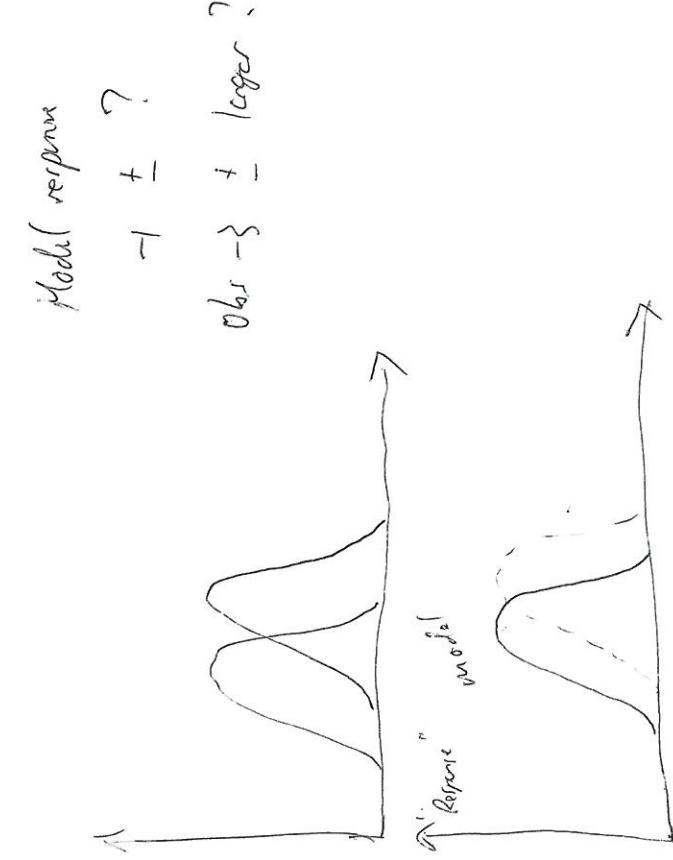
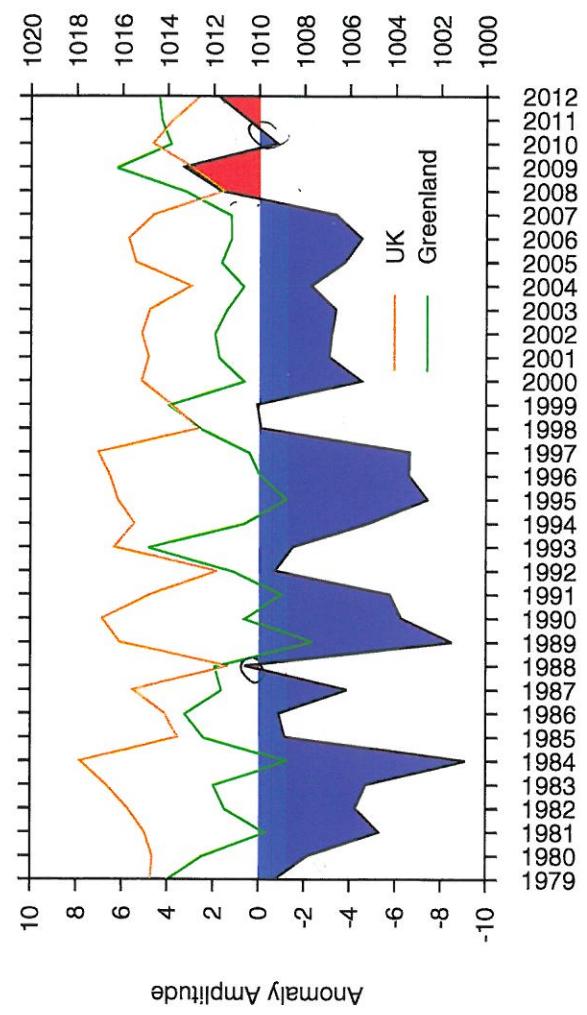


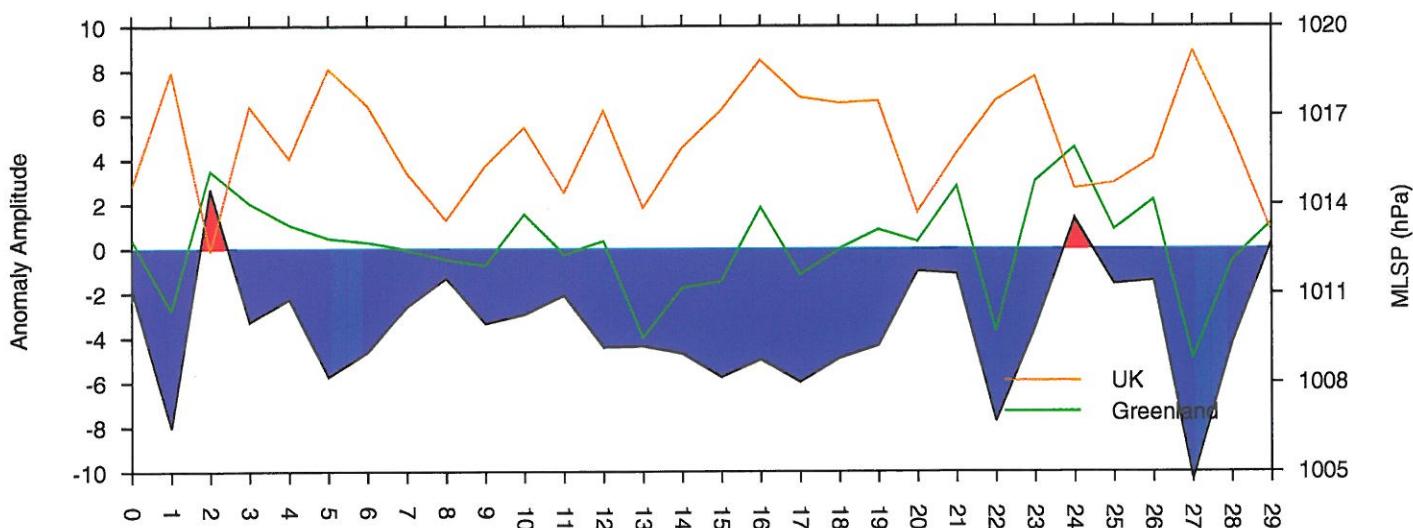
ERA JJA MSLP: (07-12)-(96-05)



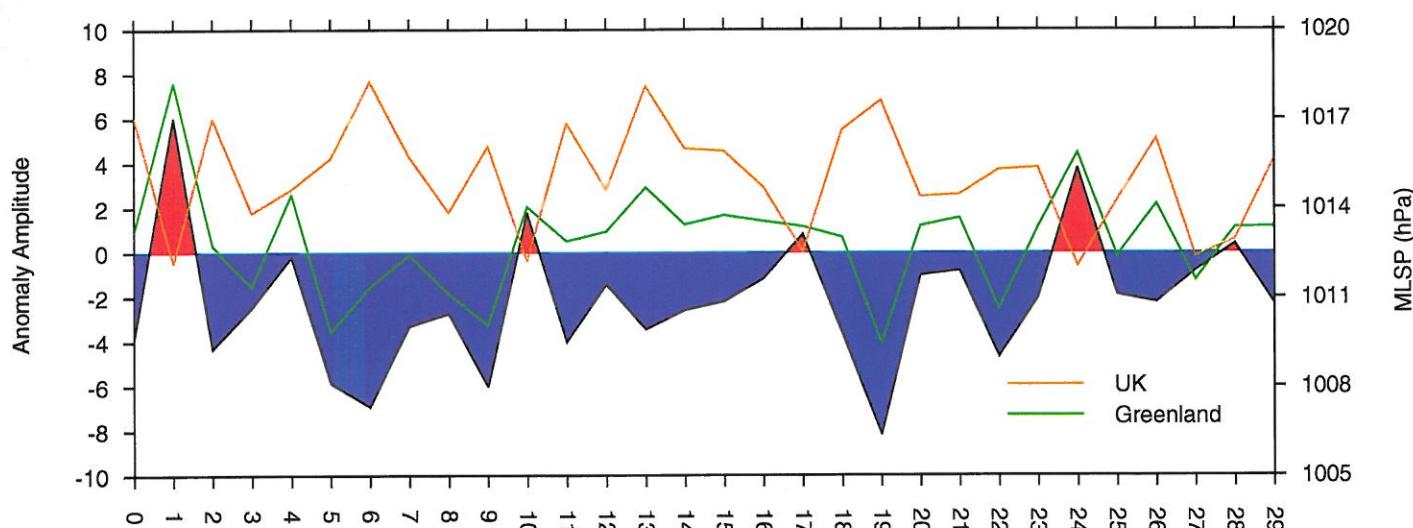
ERA time series Greenland - UK JJA dipole index



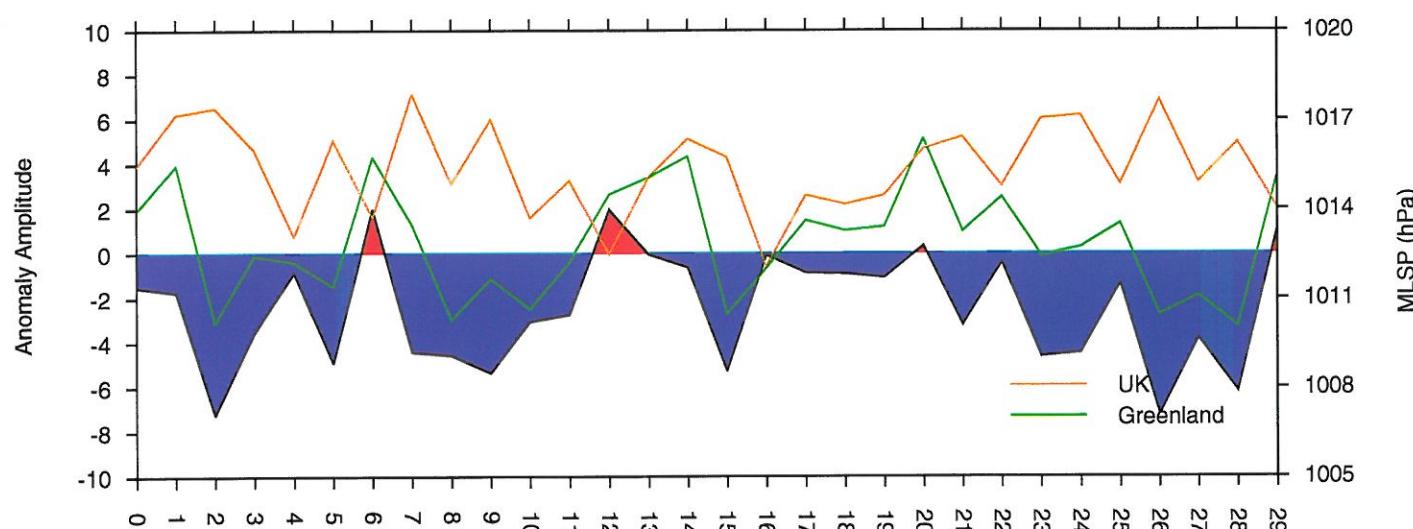
Control experimental Greenland - UK JJA dipole index as timeseries



Ice and SST Perturbation experimental Greenland - UK JJA dipole index as timeseries

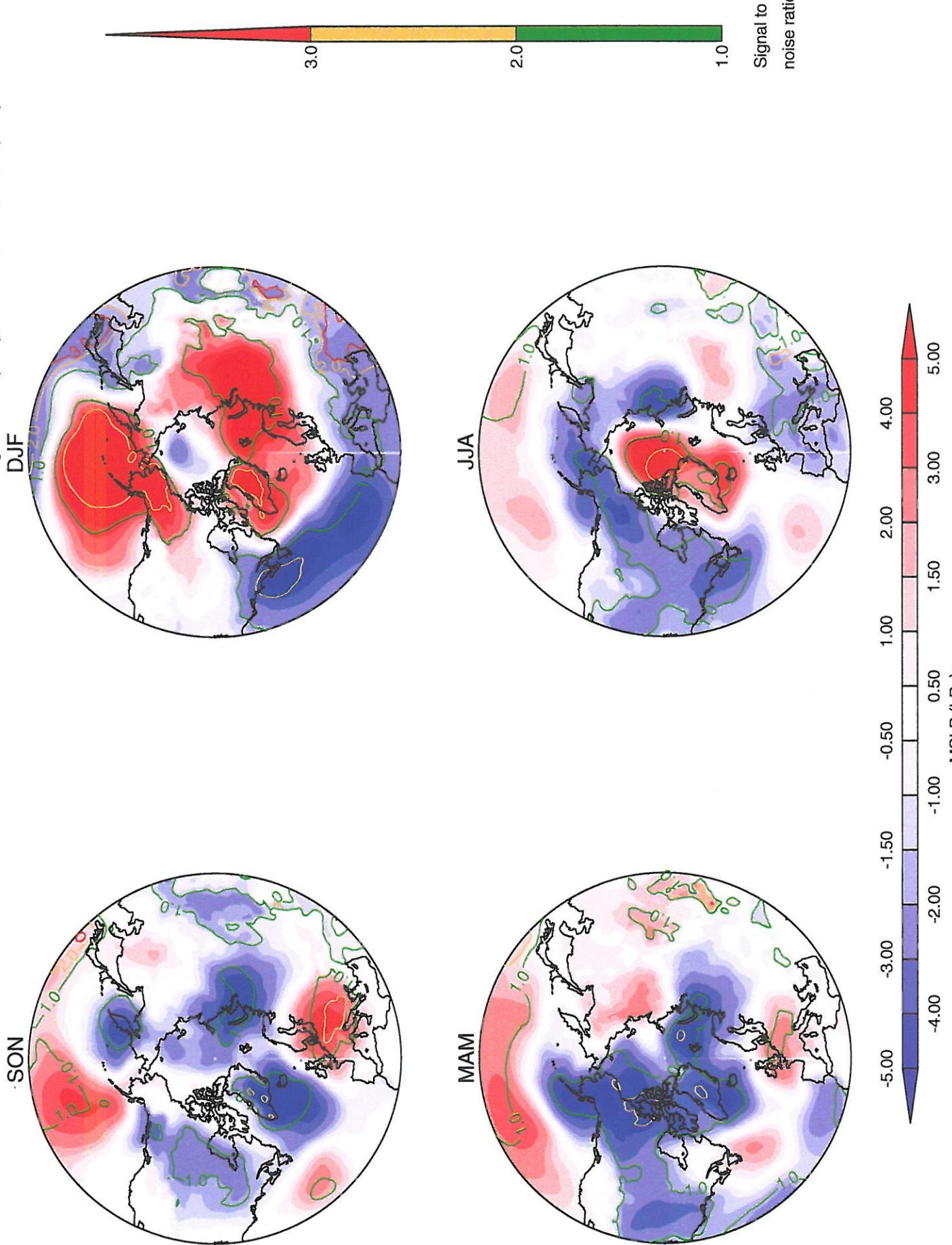


Ice Only Perturbation experimental Greenland - UK JJA dipole index as timeseries



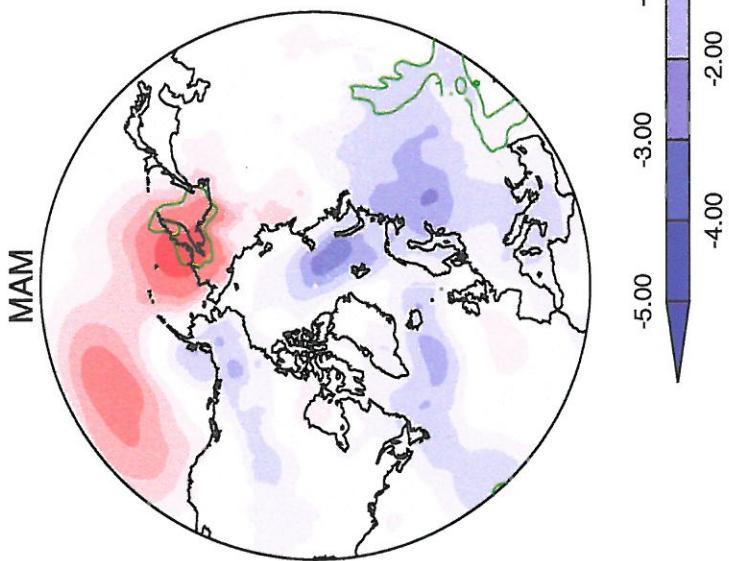
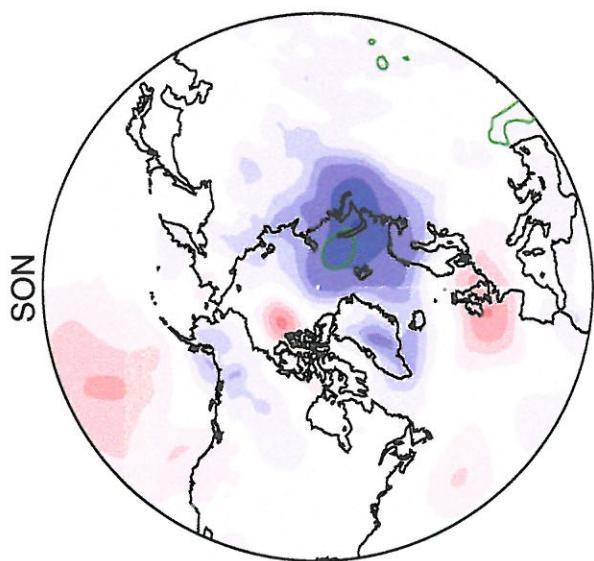
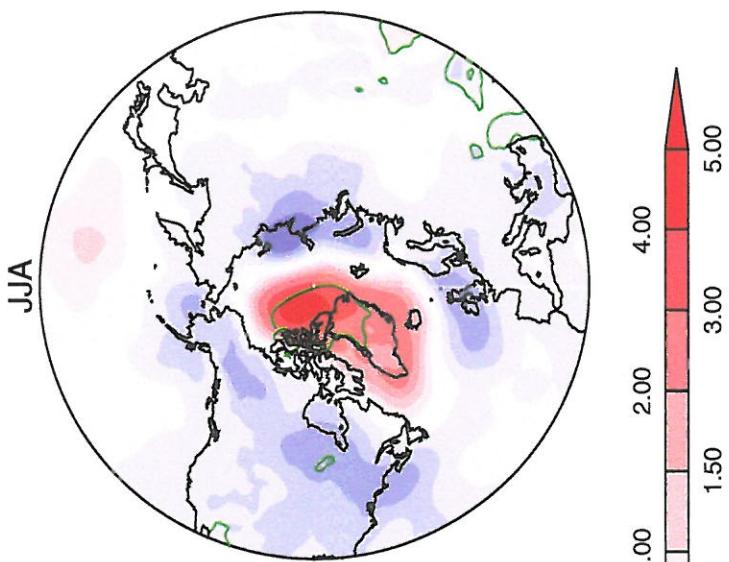
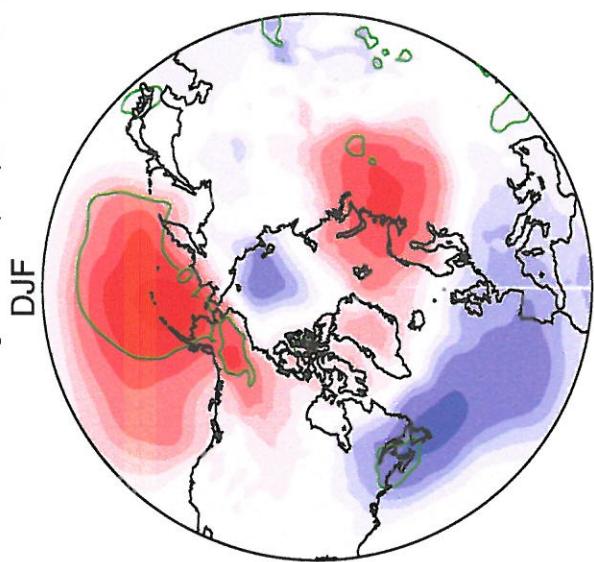
ERA-I seasonal MSLP anomalies .11 - (1996-2005)

Wed Feb 13 10:16:56 2013
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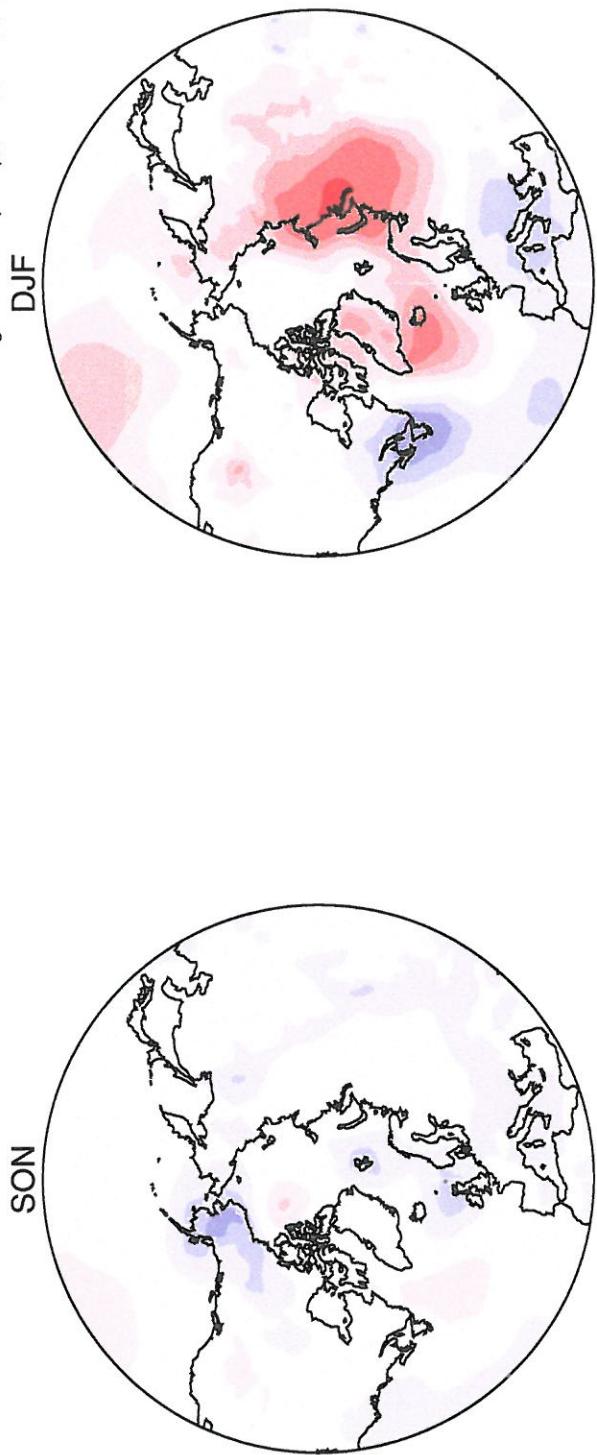
ERA-I seasonal MSLP anomalies (007-2011) - (1996-2005)

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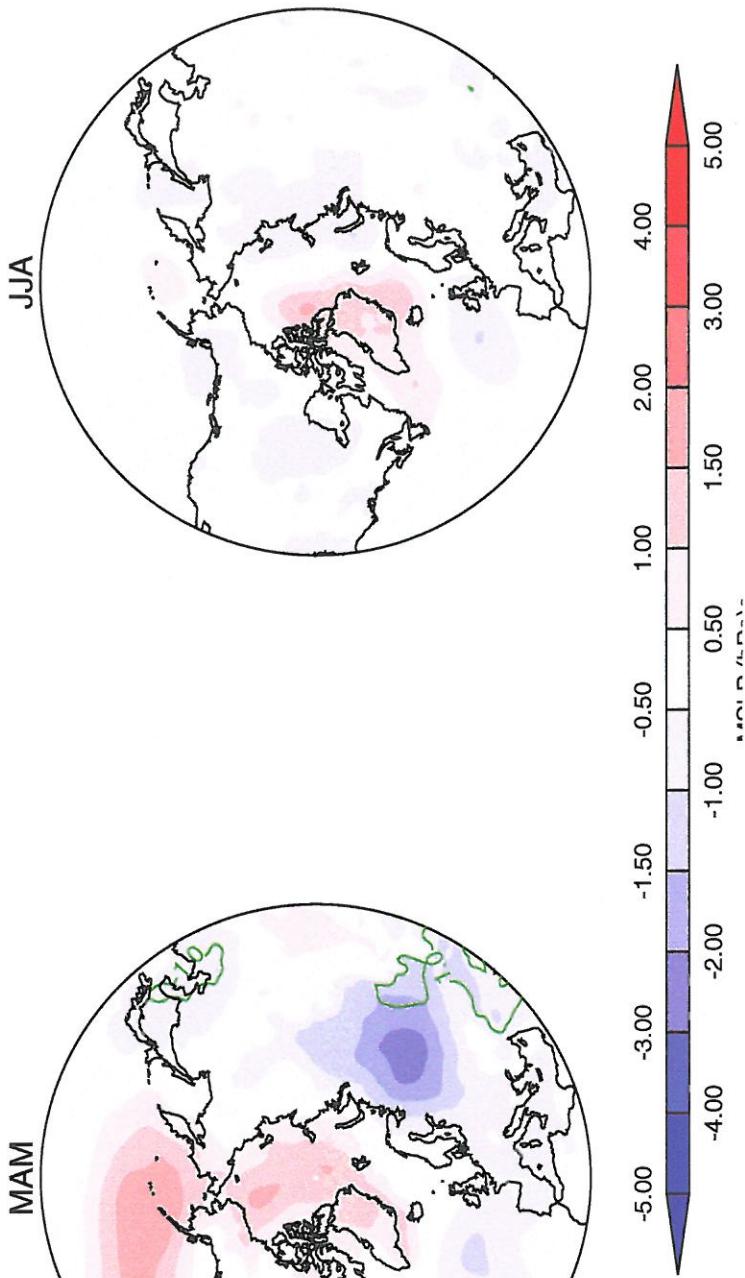


ERA-1 seasonal MSLP anomalies \ .000-2010) - (1985-2005)

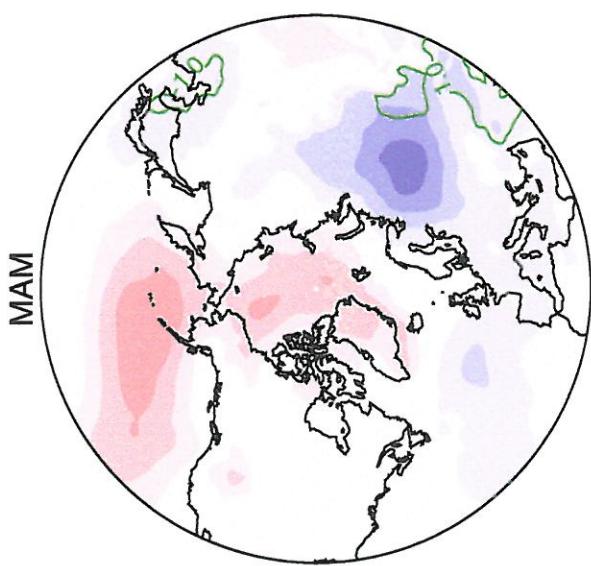
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DJF

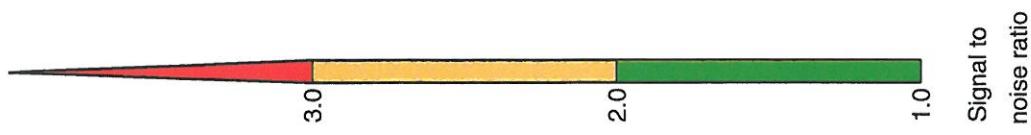
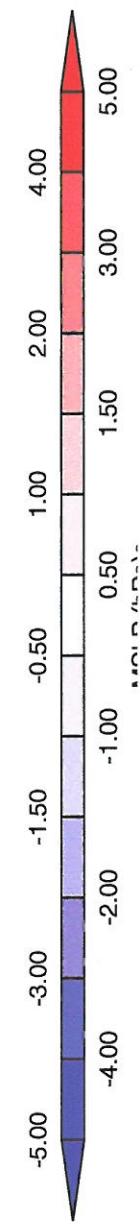


JJA



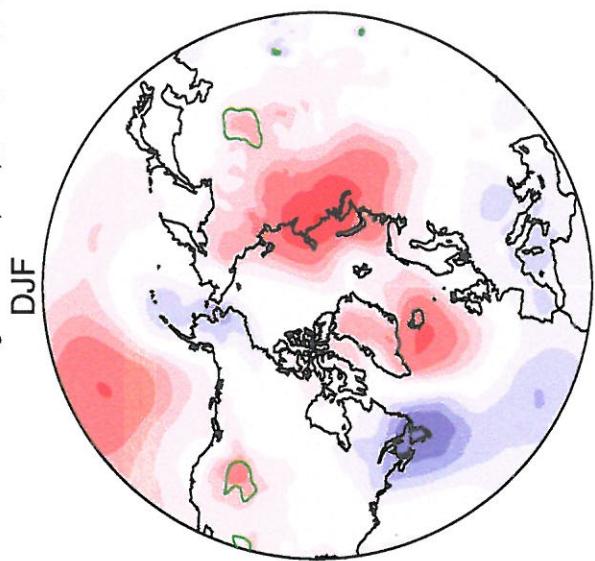
SON

MAM

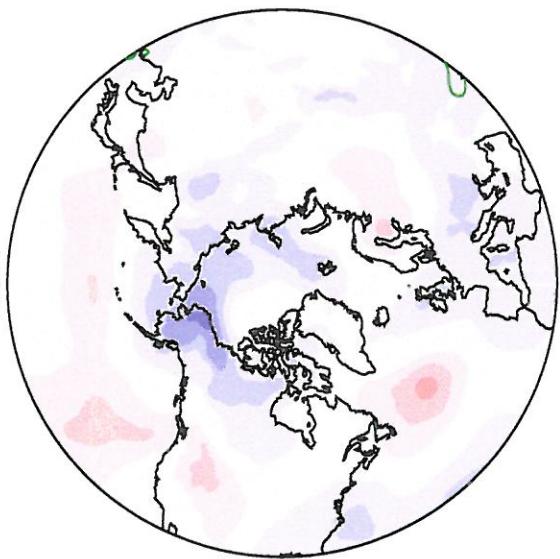


ERA-I seasonal MSLP anomalies \ .000-2010) - (1980-1999)

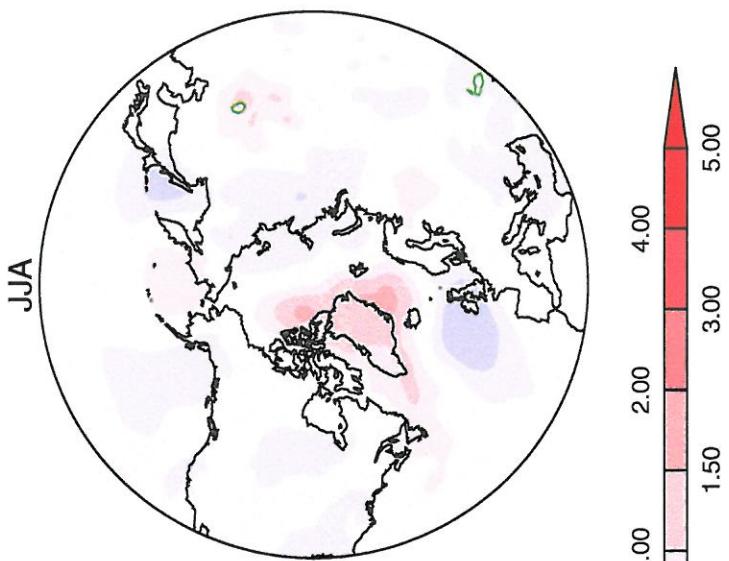
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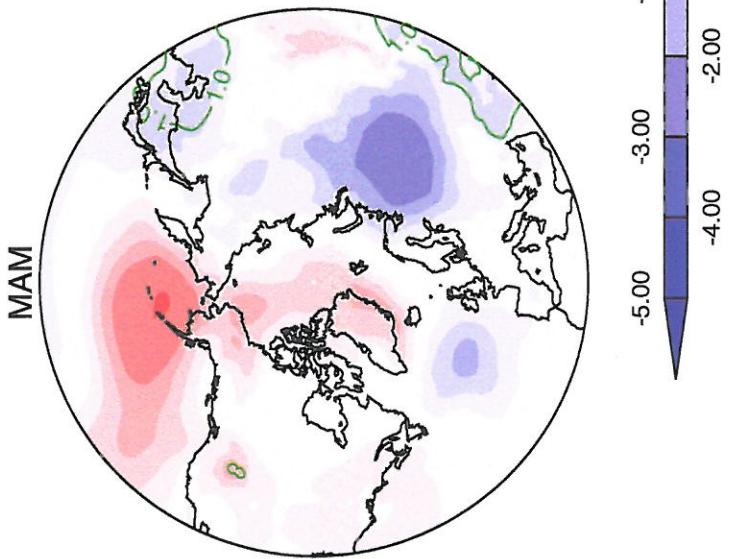
SON



DJF



JJA



MAM

Signal to
noise ratio

3.0

2.0

1.0

5.00

4.00

3.00

2.00

1.00

0.50

0.00

-0.50

-1.00

-1.50

-2.00

-2.50

-3.00

-3.50

-4.00

-5.00

-4.00

-3.00

-2.00

-1.00

0.50

0.00

-0.50

-1.00

-1.50

-2.00

-2.50

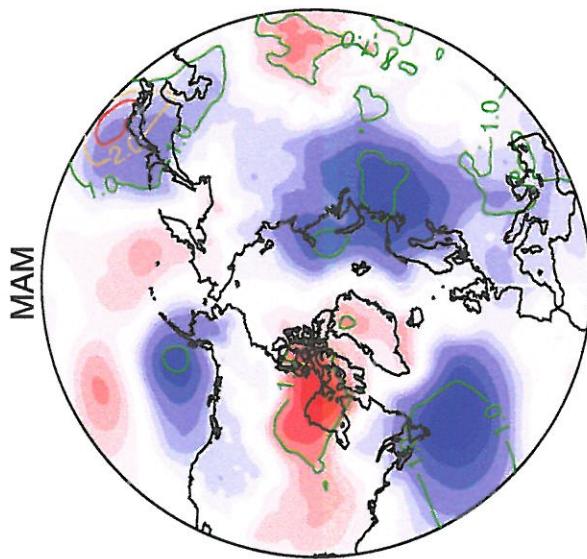
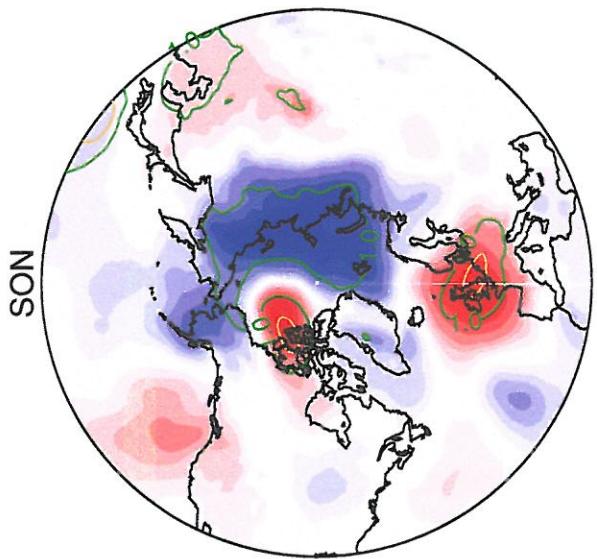
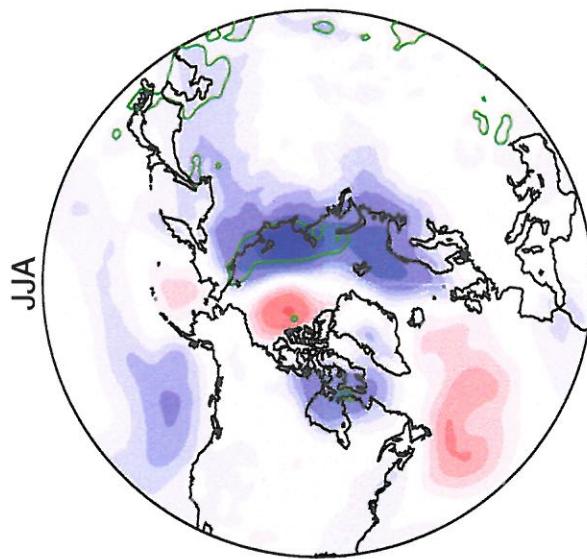
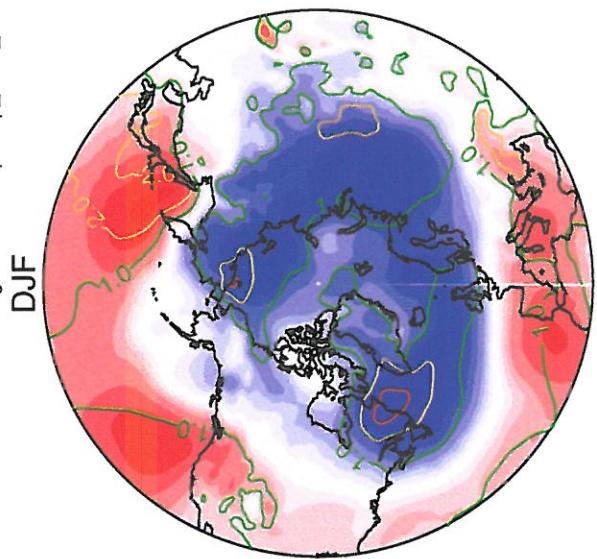
-3.00

-3.50

-4.00

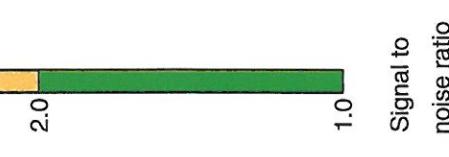
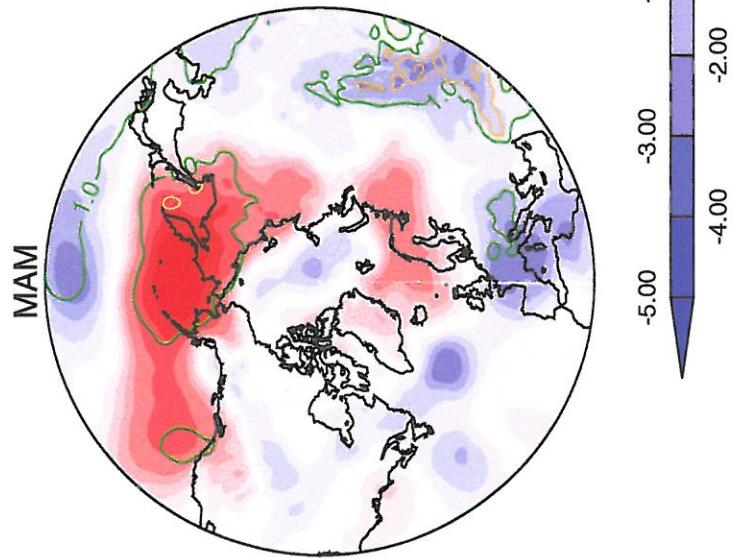
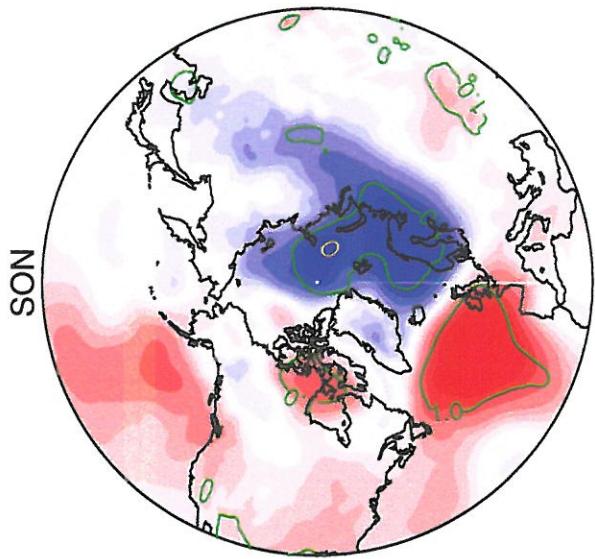
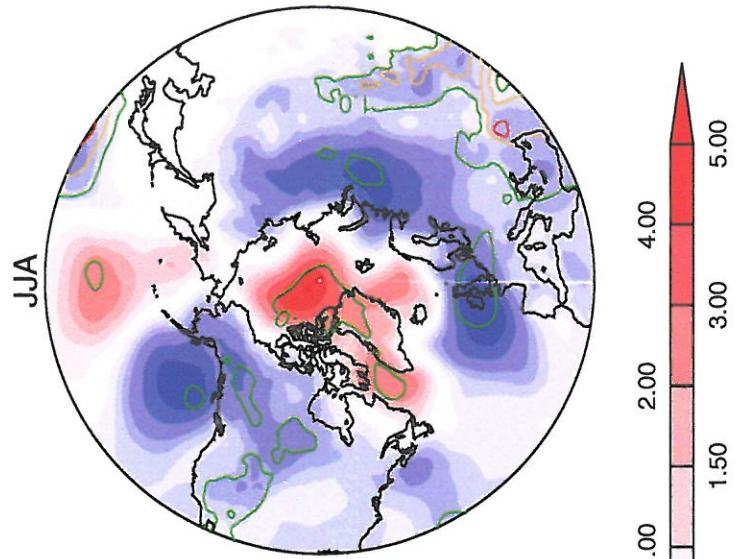
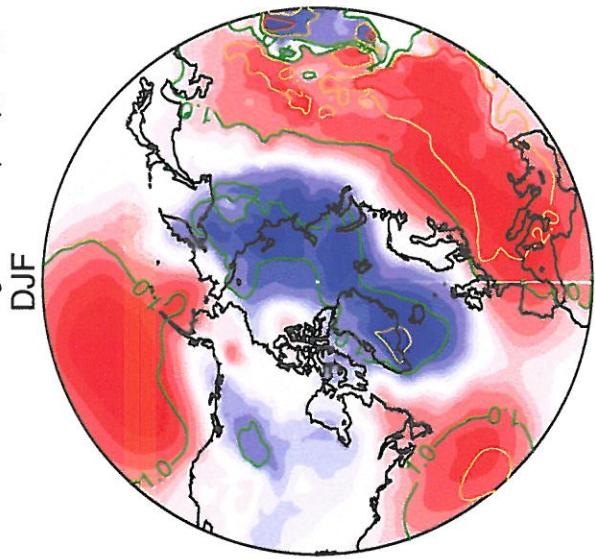
ERA-I seasonal MSLP anomalies - J07 - (1996-2005)

Wed Feb 13 10:16:36 2013
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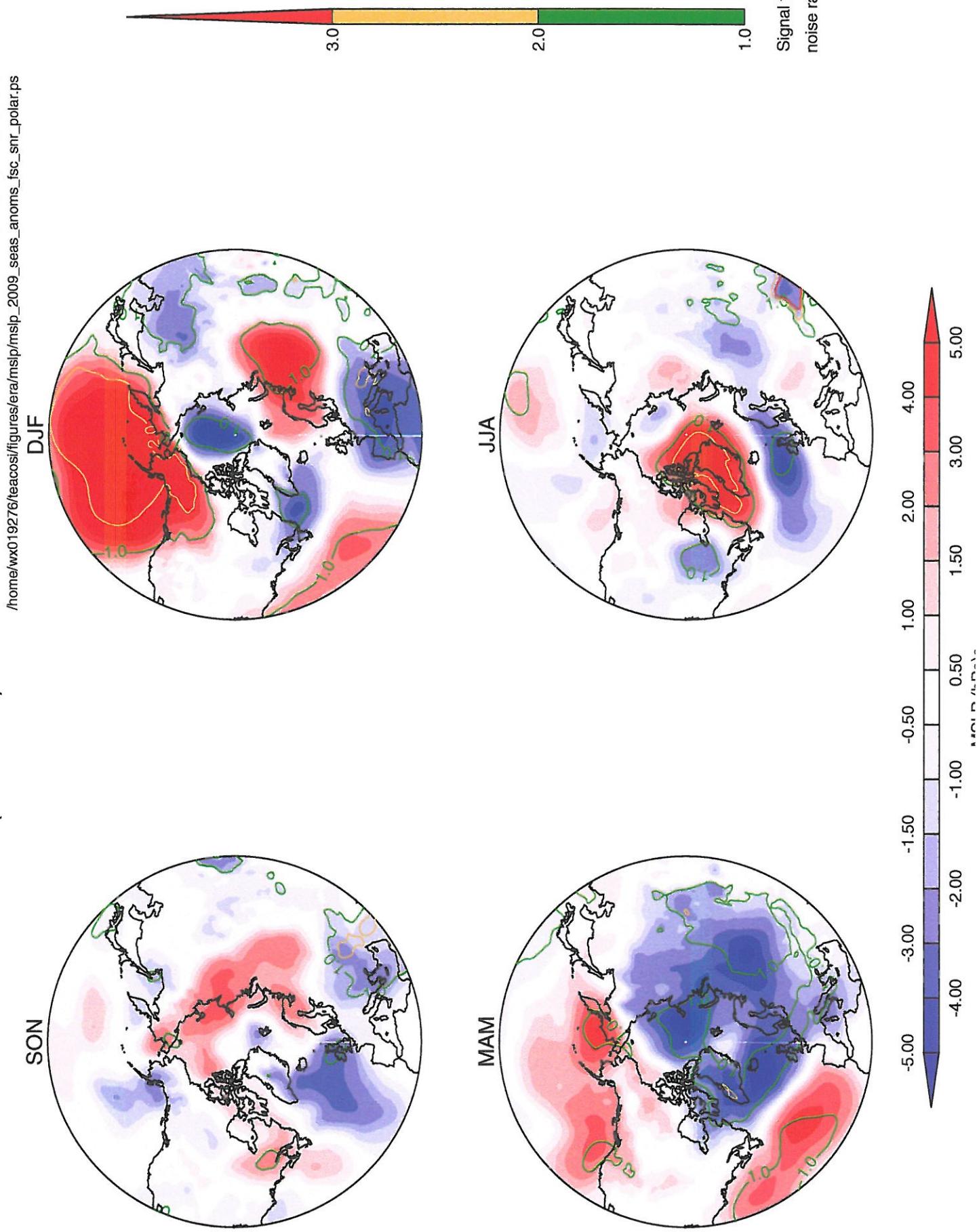
ERA-I seasonal MSLP anomalies .08 - (1996-2005)

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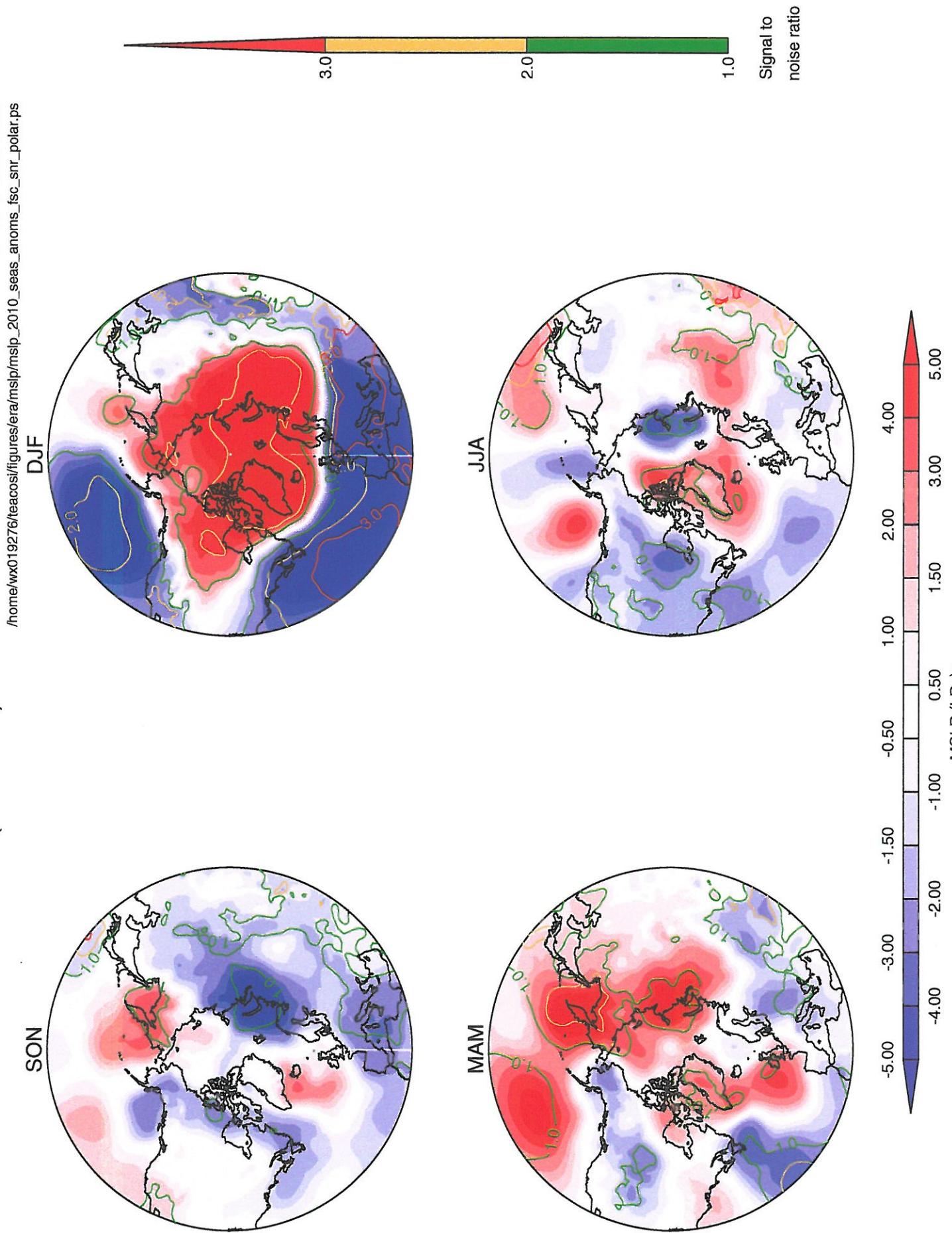
ERA-1 seasonal MSLP anomalies .09 - (1996-2005)

Wed Feb 13 10:16:46 2013



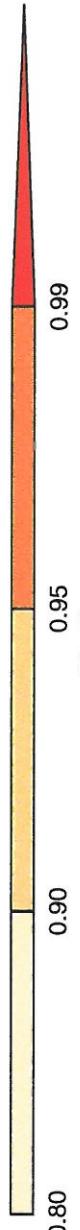
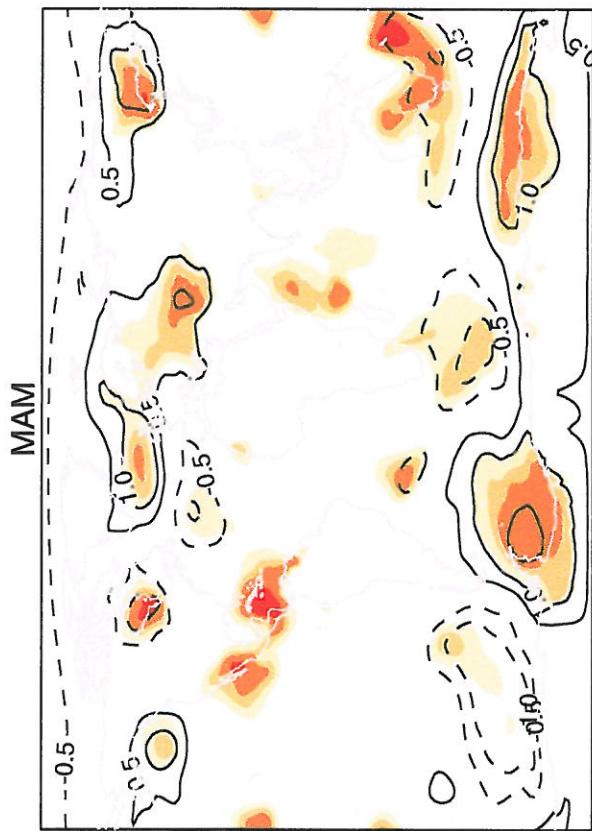
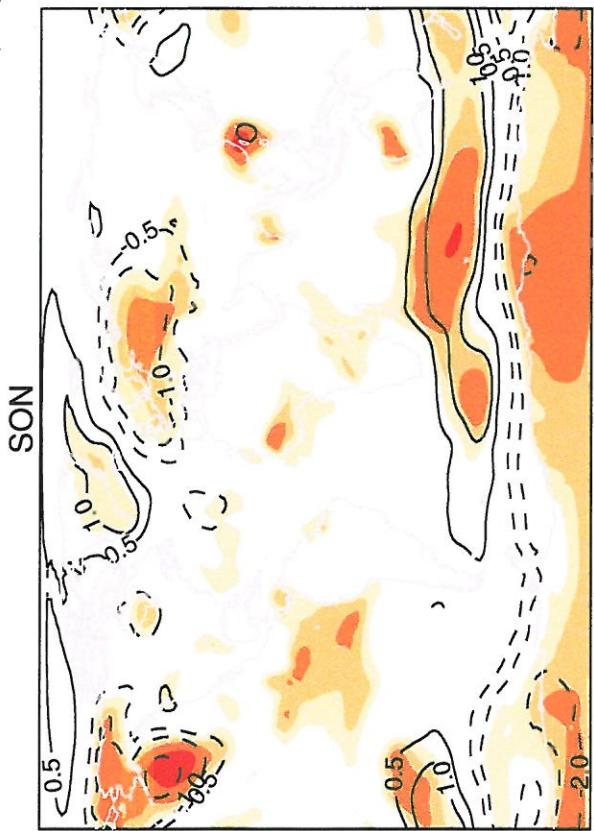
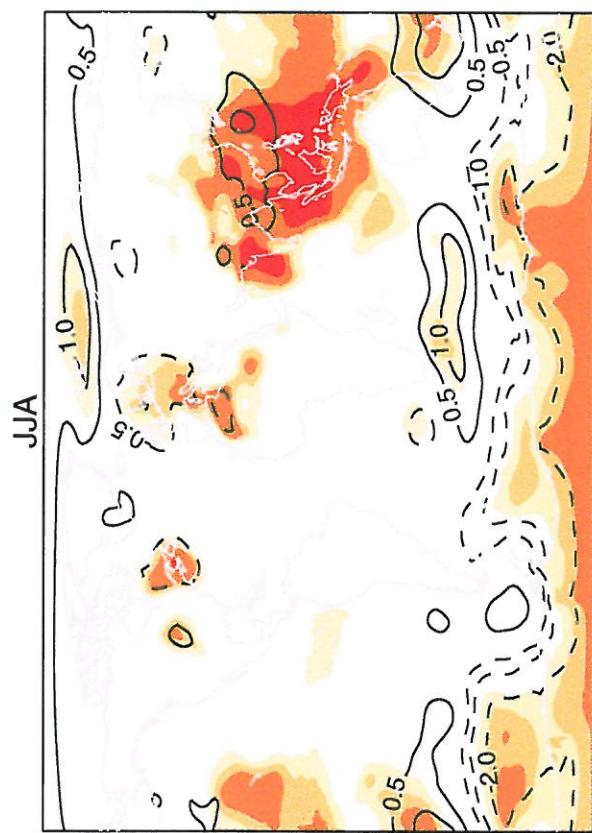
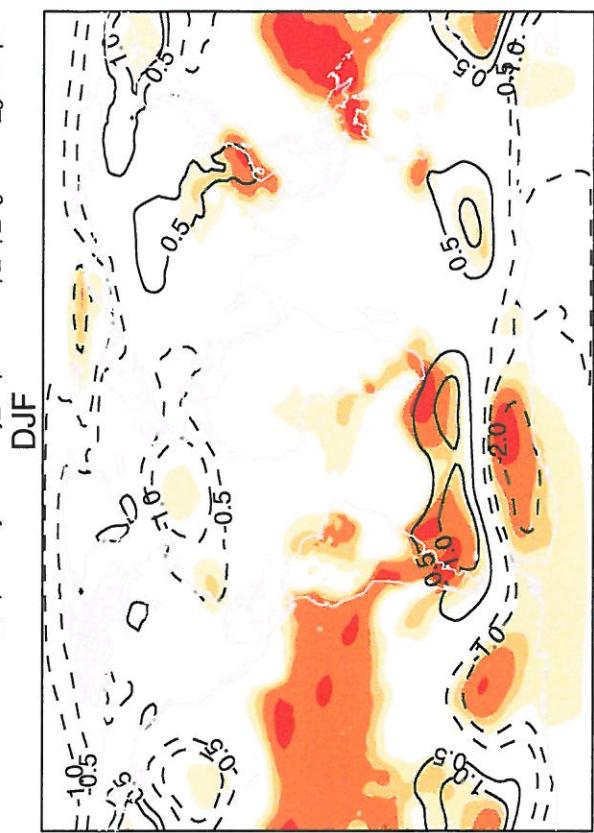
ERA-I seasonal MSLP anomalies _J10 - (1996-2005)

Wed Feb 13 10:16:51 2013



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

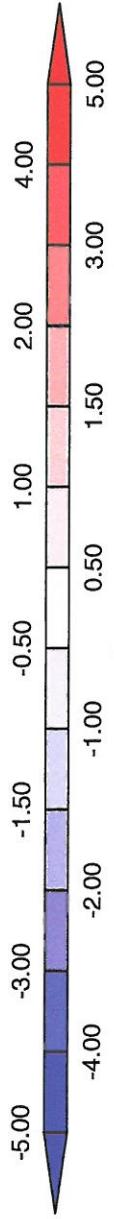
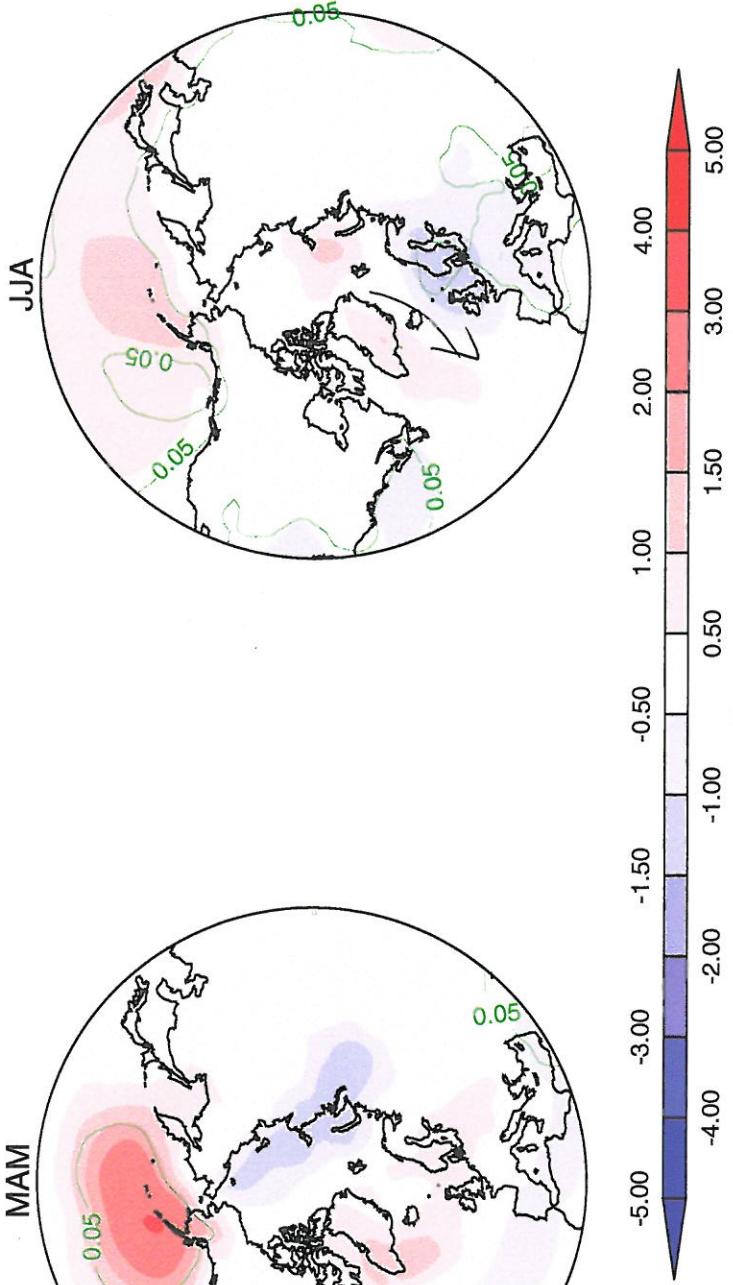
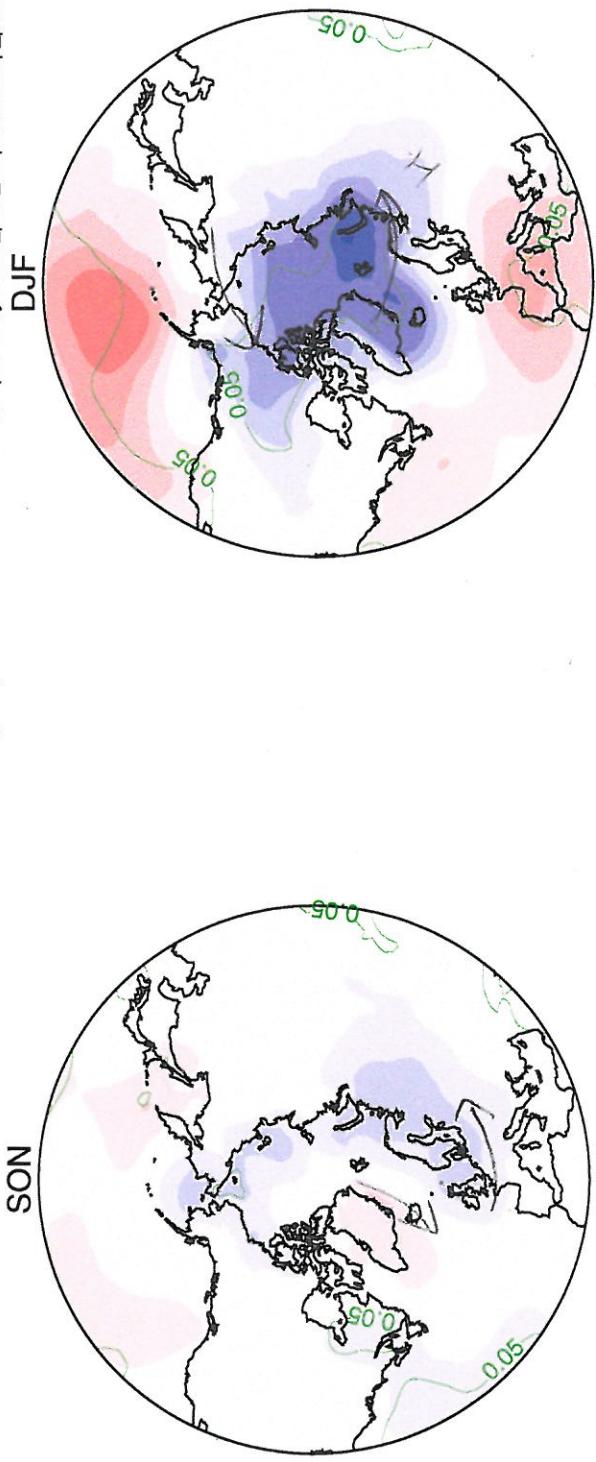
Thu Feb 14 11:42:52 2013
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MSLP RESPONSE PERT (2007-11) - CTRL (1996-1995)

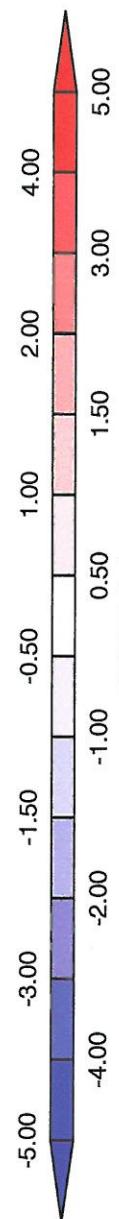
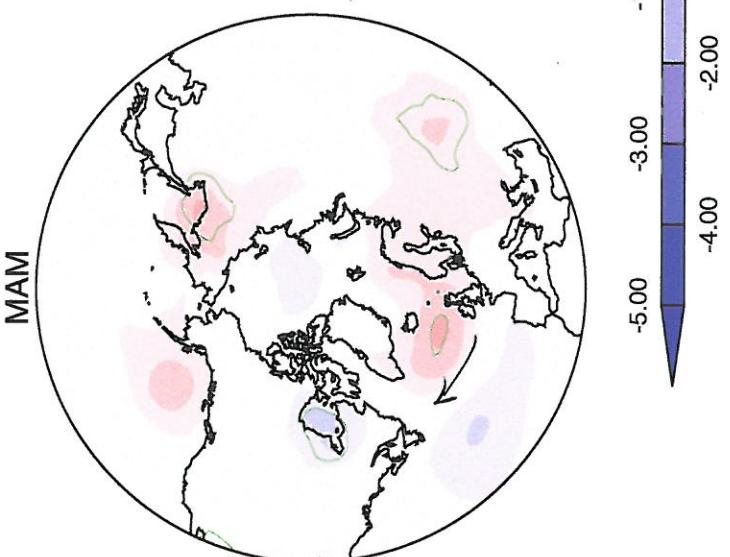
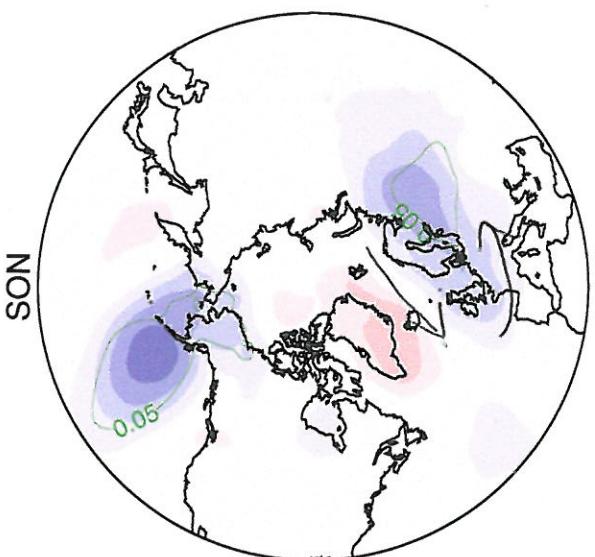
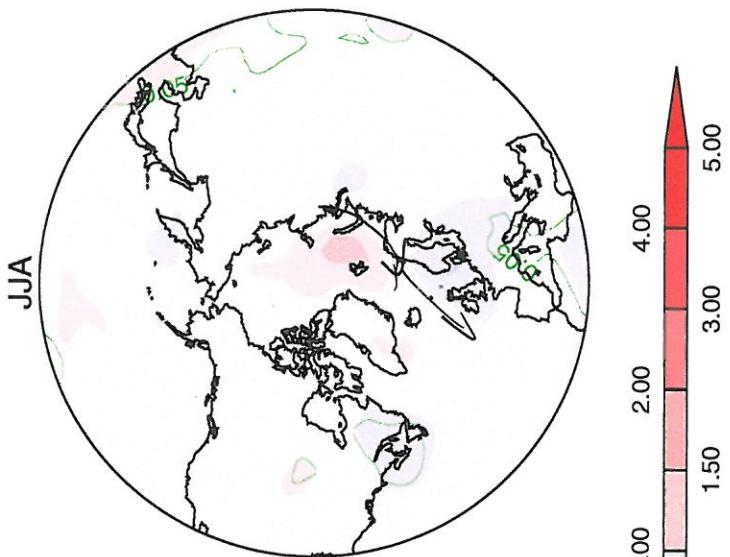
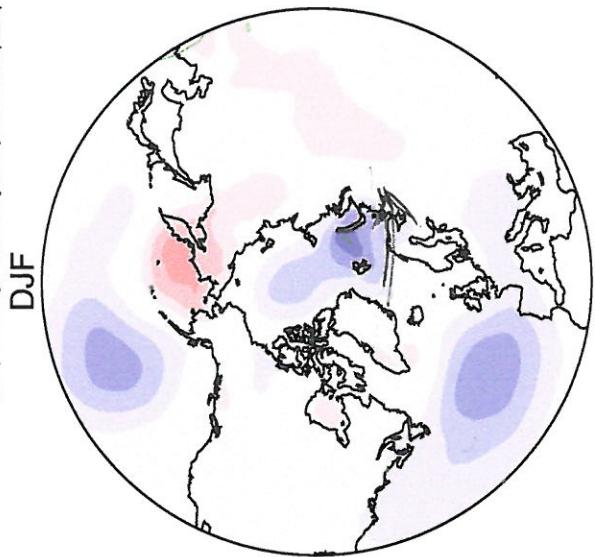
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Thu Jan 24 12:53:38 2013



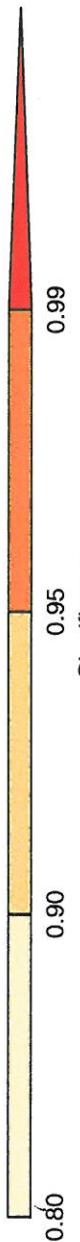
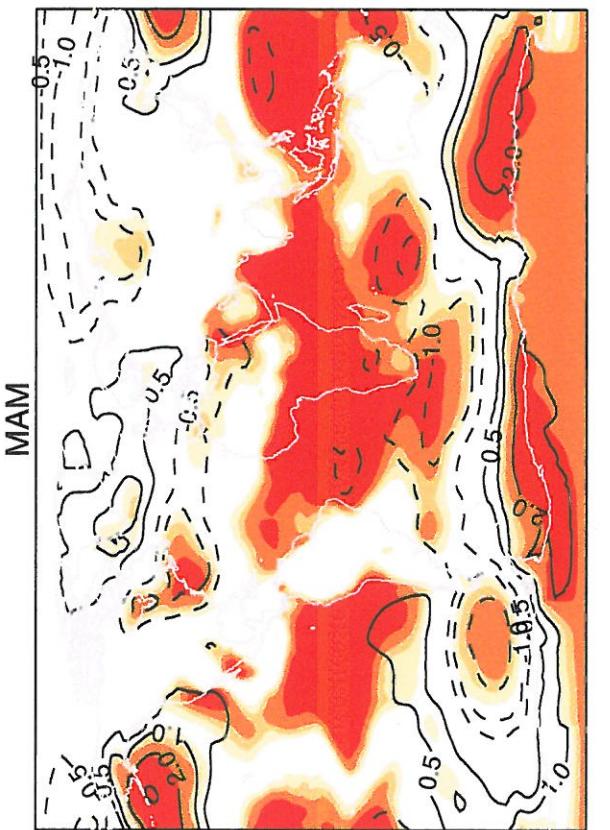
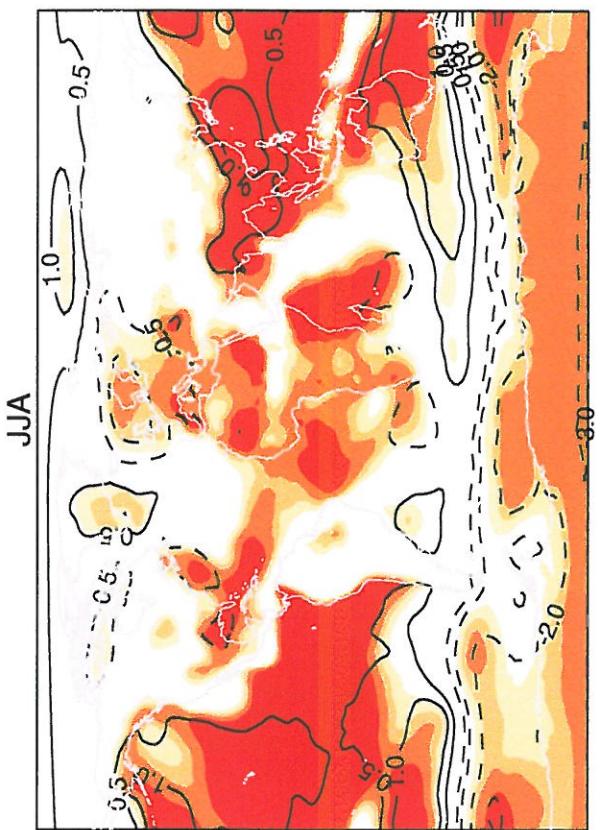
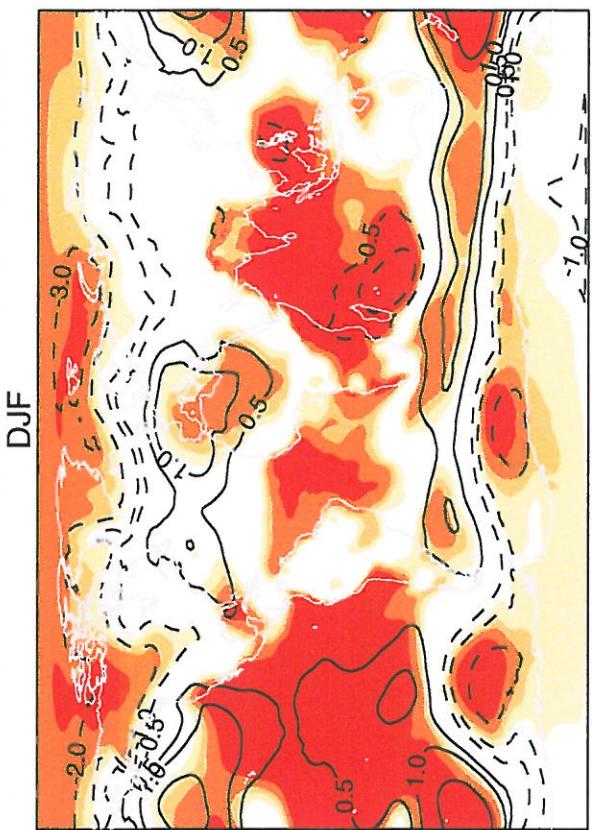
MSL P RESPONSE ICE-ONLY PL T (2007-2011) - CTRL (1996-1995)

Thu Jan 24 13:08:56 2013
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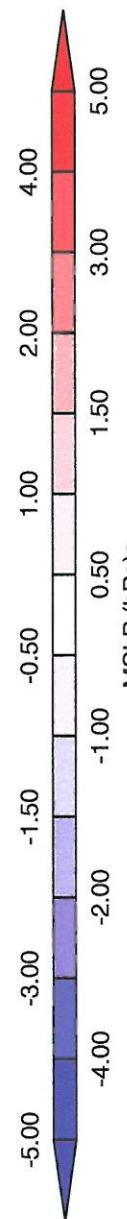
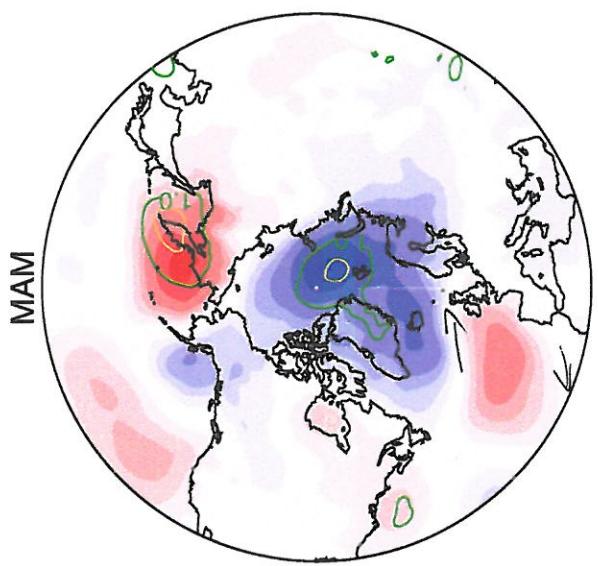
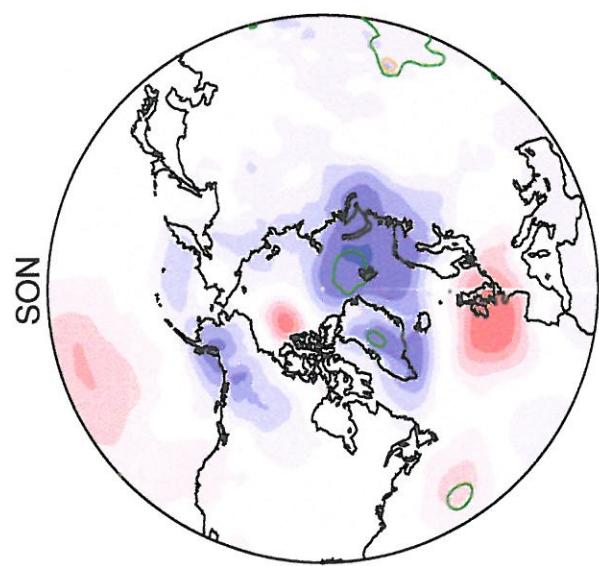
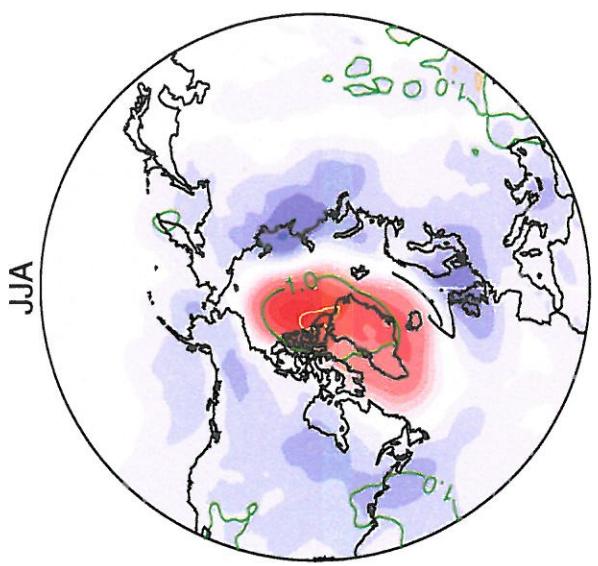
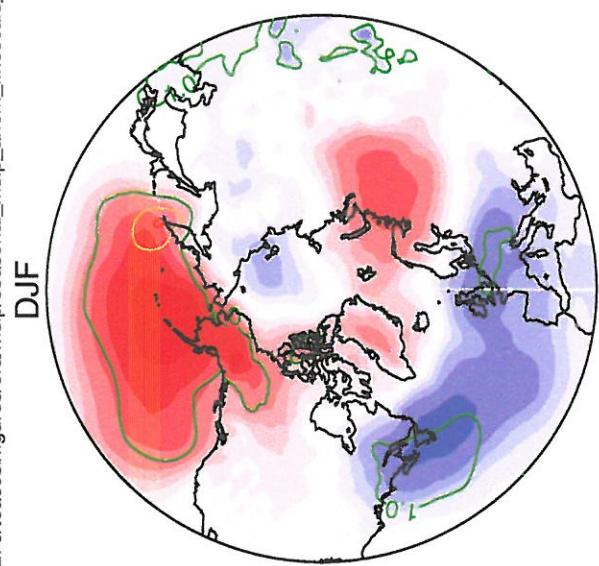
ALL PERT: MSLP SIGNIFICANCE RESPONSE (2007-2011) - CTRL (96-1995)

Thu Feb 14 11:41:36 2013
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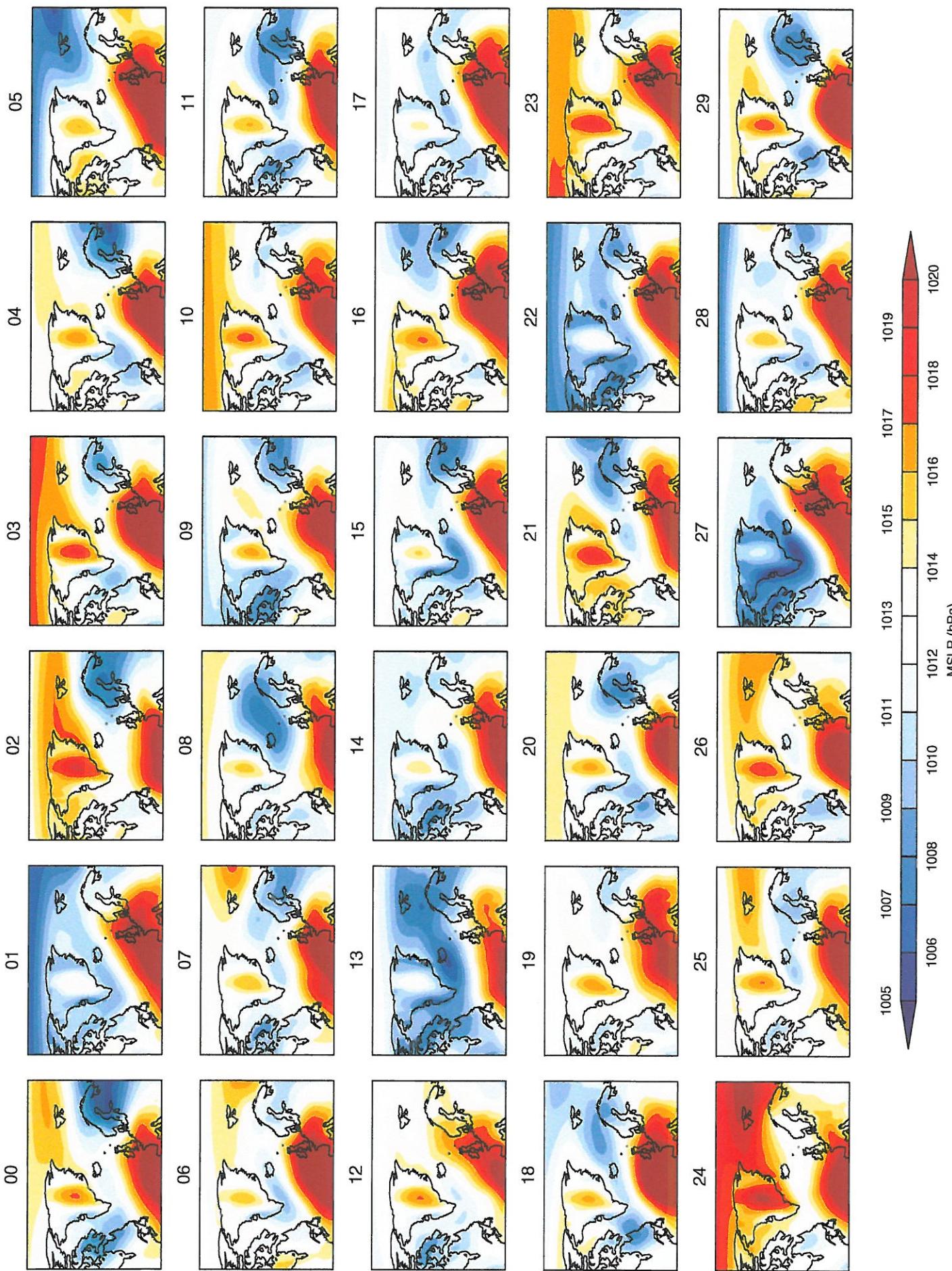
ERA-I seasonal MSLP anomalies (2007-2012) - (1996-2005) (2012 up to October)

Tue Feb 5 16:00:54 2013
/home/wx019276/teacosii/figures/era/mslp/seasonal_msdp_anom_finescale_0712_9605_smr_polar.ps

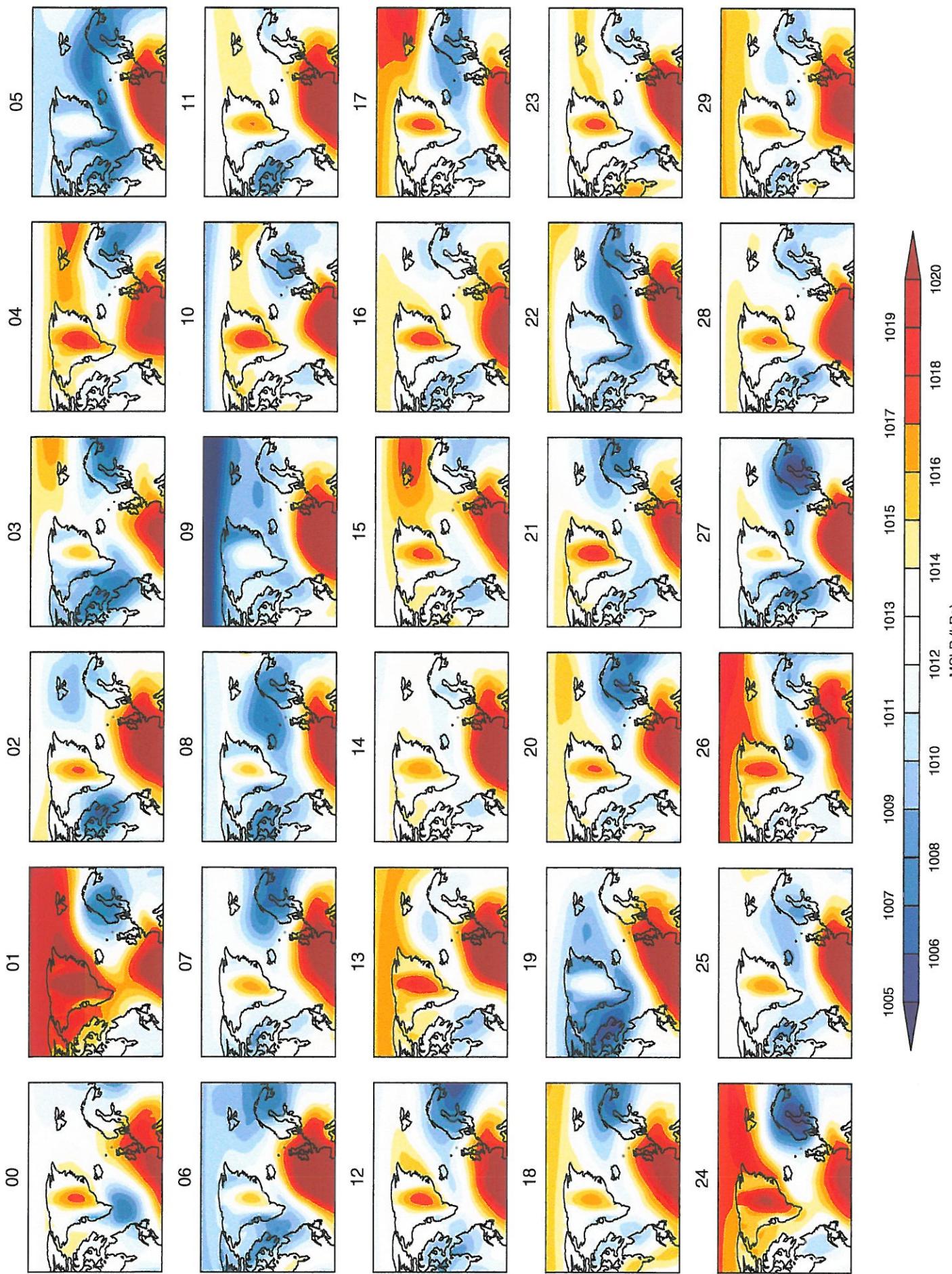


Signal to
noise ratio

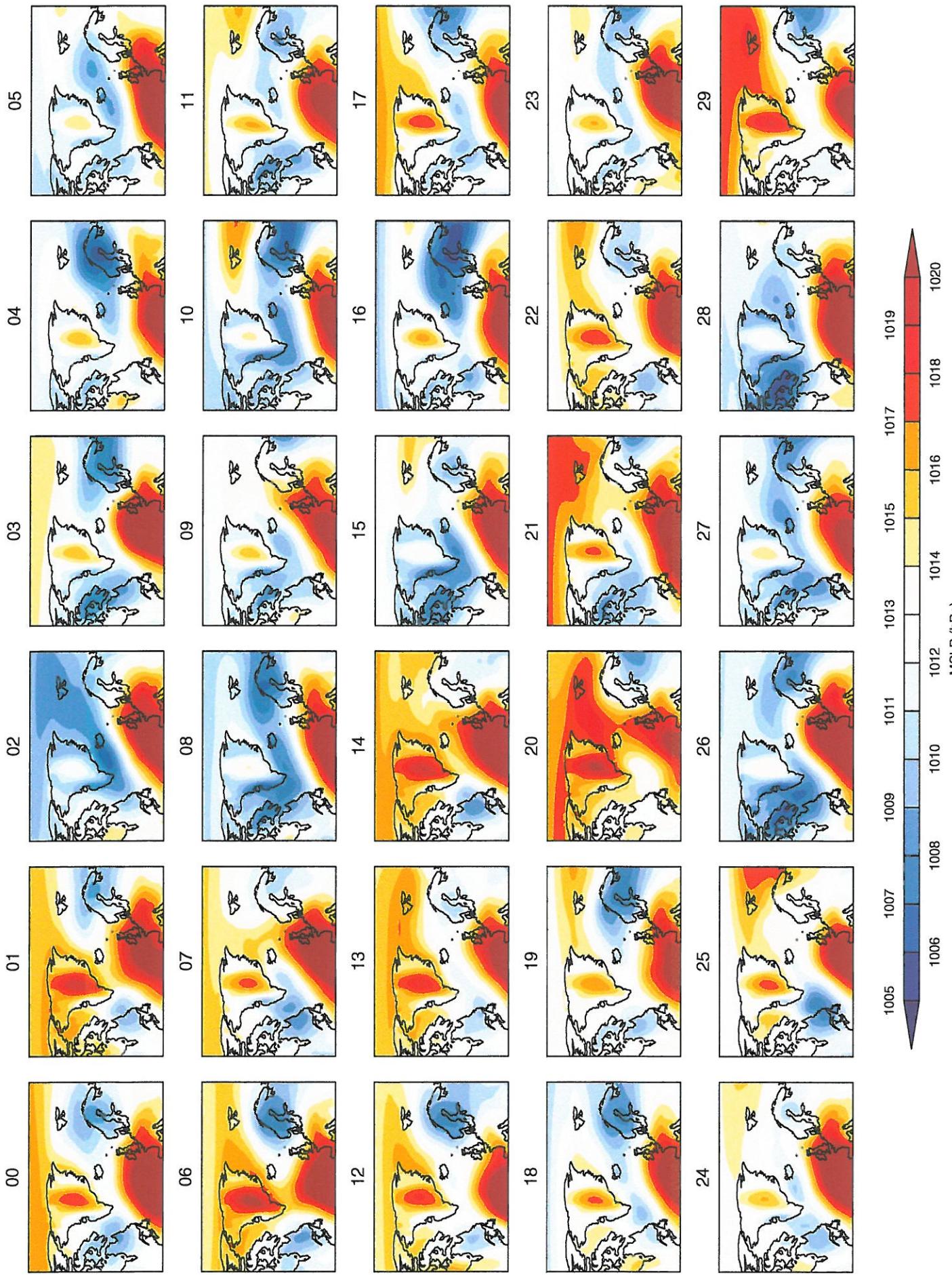
MSLP, CTRL EXPT, JJA SEASONAL MEAN



MSLP: PERT EXPT, JJA SEASONAL MEAN

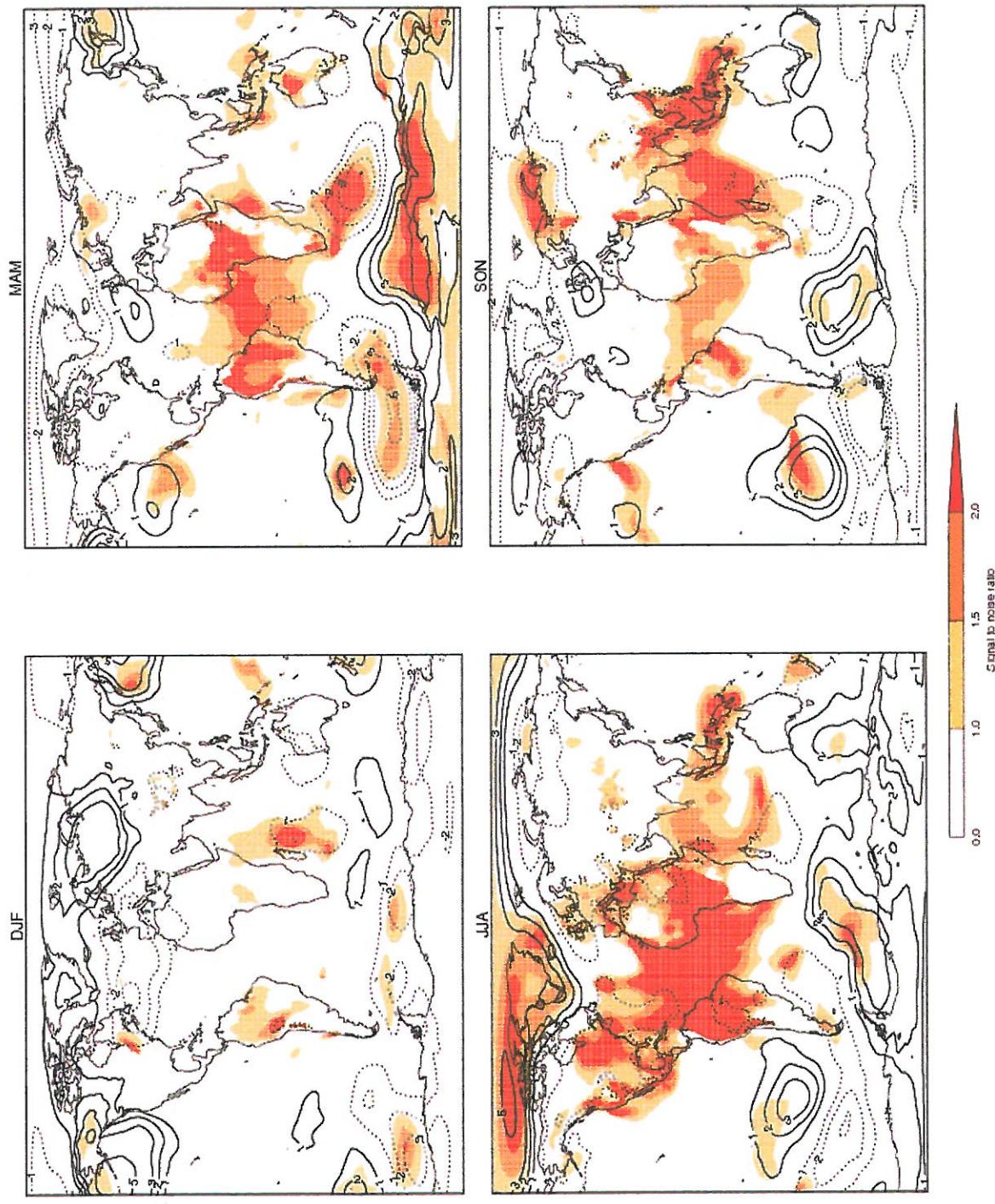


MSLP: IOP EXPT, JJA SEASONAL MEAN



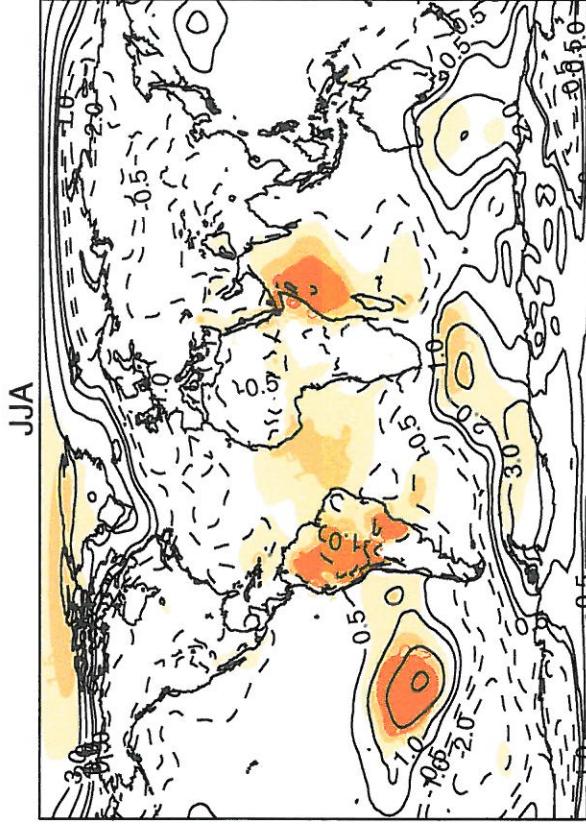
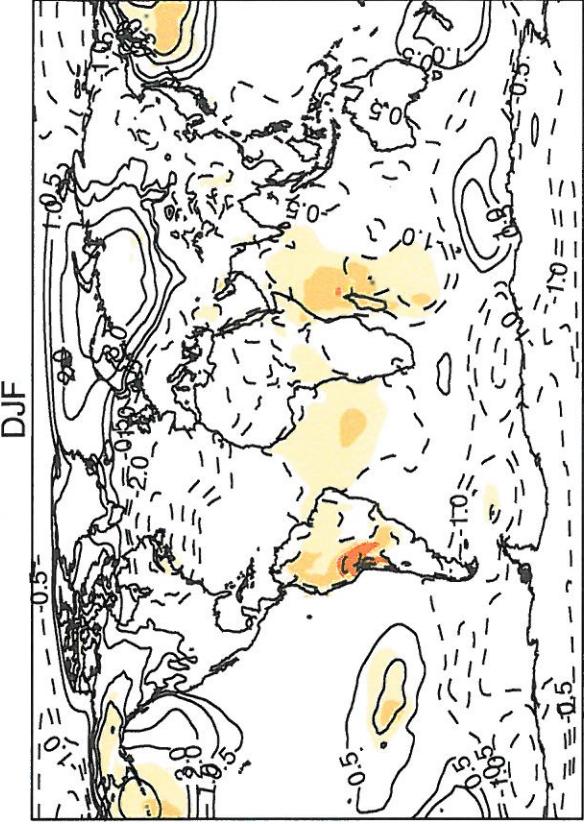
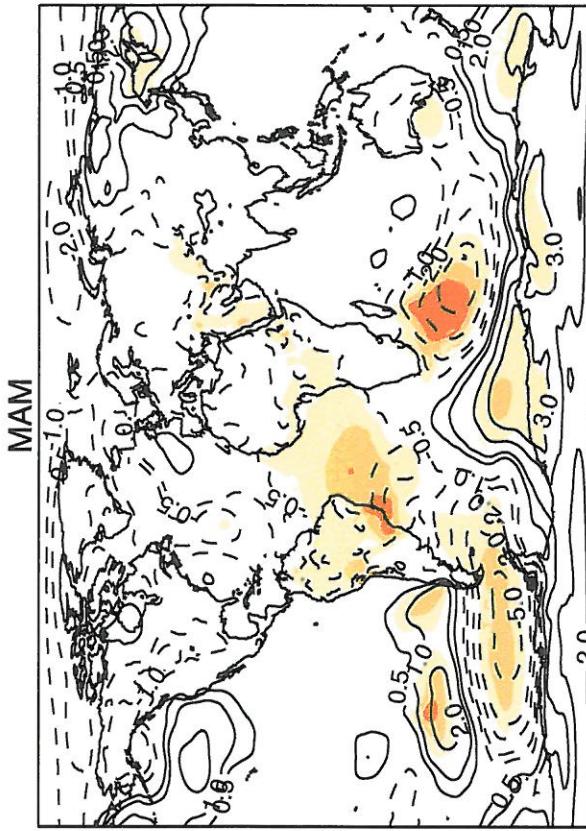
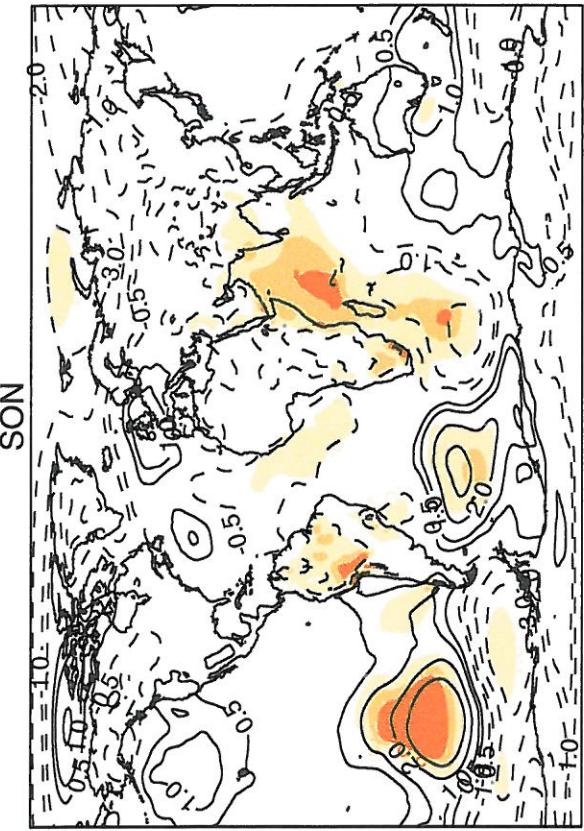
2007-2011 seasonal MSLP anomalies relative to 1996 - 2005 average with SNR
MSLP contour levels are -10,-5,-3,-2,-1,1,2,3,5,10

Mon May 28 10:27:39 2012



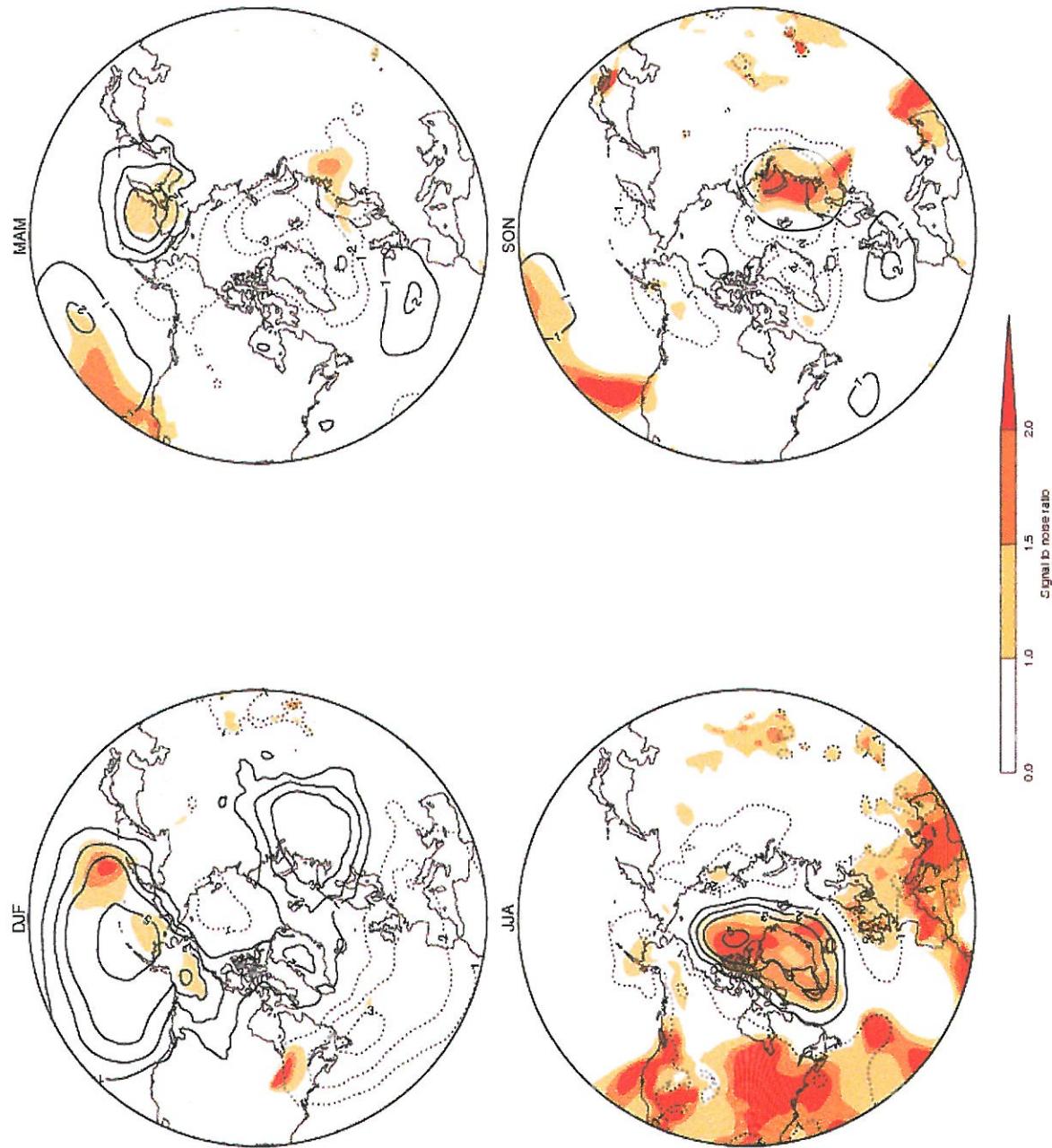
ERA-I seasonal MSLP anomalies (J07-J2011) - (1996-2005)

Wed Feb 20 13:18:08 2013
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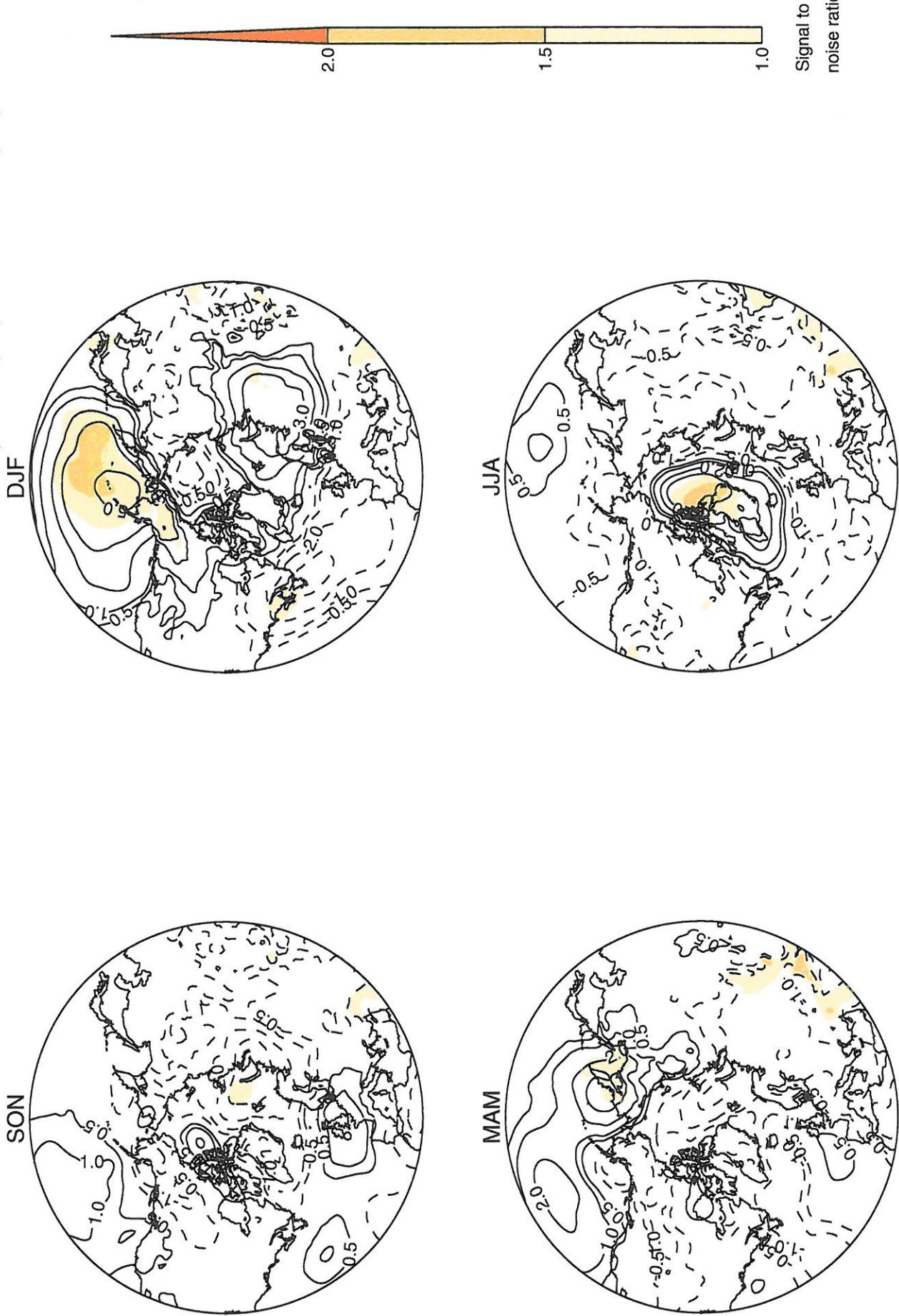
2007-2011 seasonal MSLP anomalies relative to 1996 - 2005 average with SNR
MSLP contour levels are -10,-5,-3,-2,-1,1,2,3,5,10

Mon May 28 10:40:46 2012



ERA-I seasonal MSLP anomalies (<007-2011) - (1996-2005)

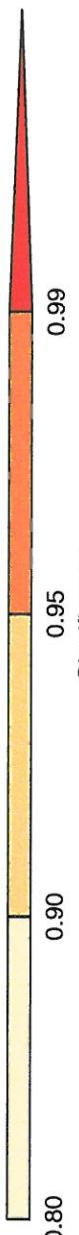
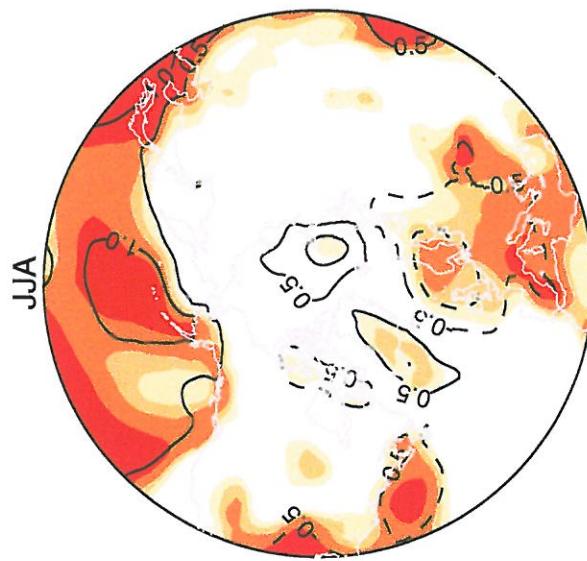
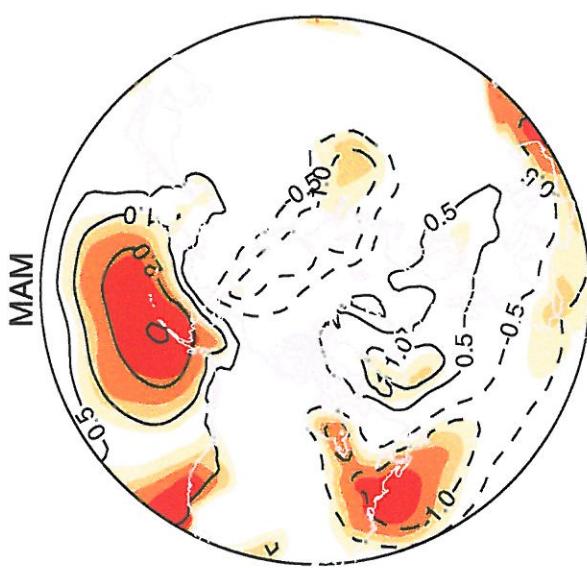
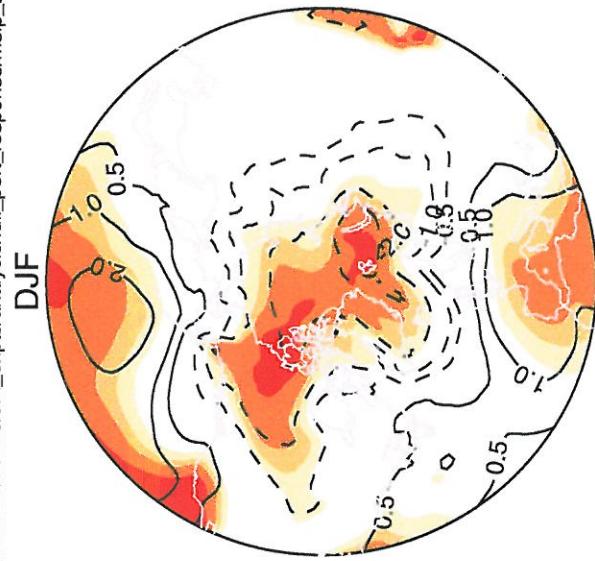
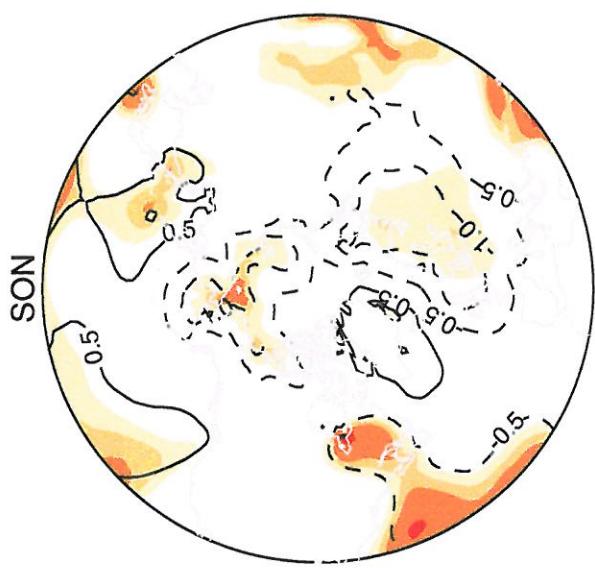
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ALL PERT: MSLP SIGNIFICANCE RESPONSE (2007-2011) - CTRL (96-1995)

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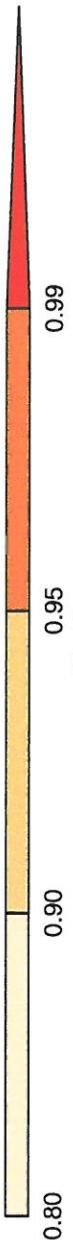
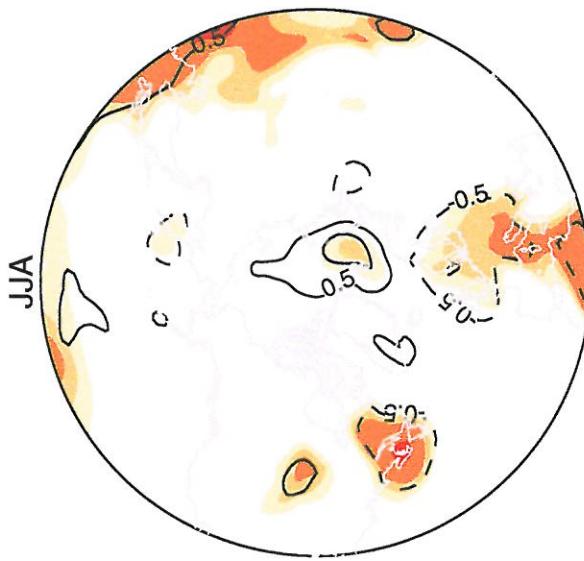
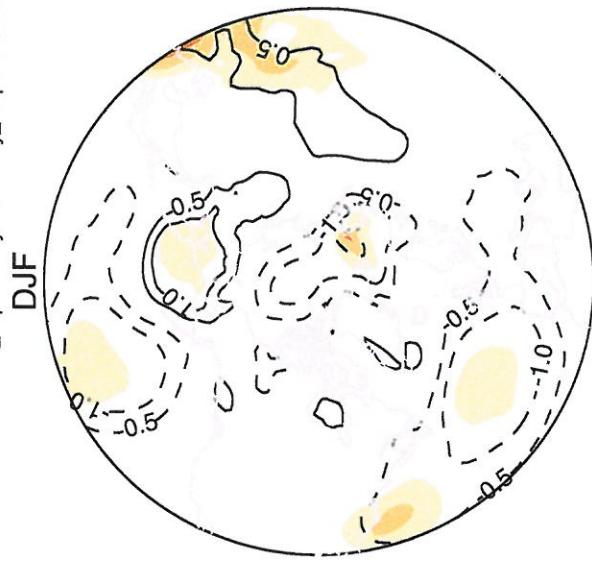
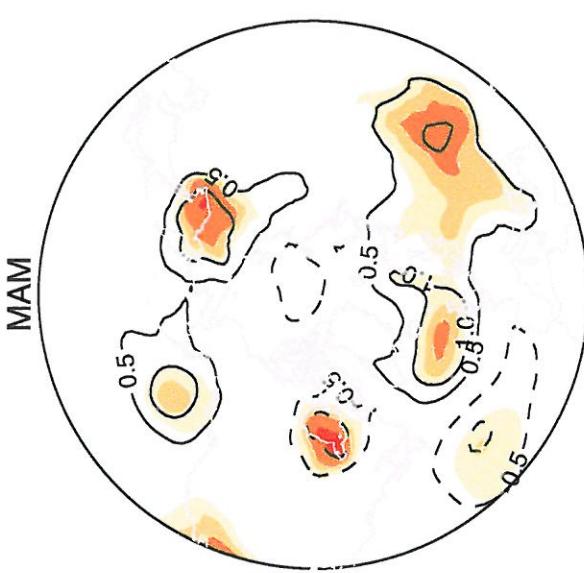
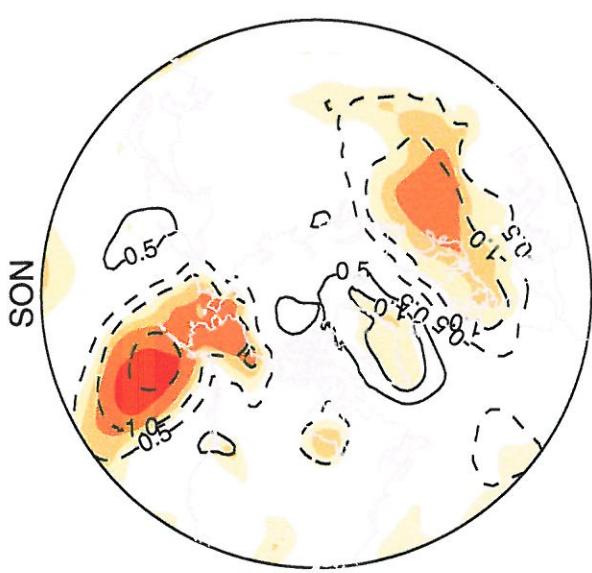
Thu Feb 14 11:41:49 2013



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

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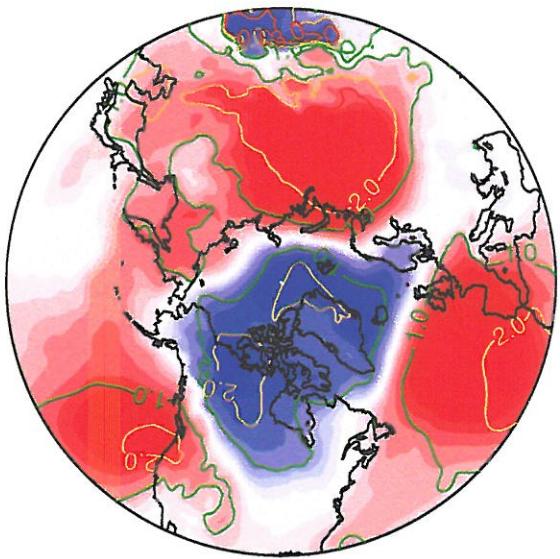
Thu Feb 14 11:43:33 2013



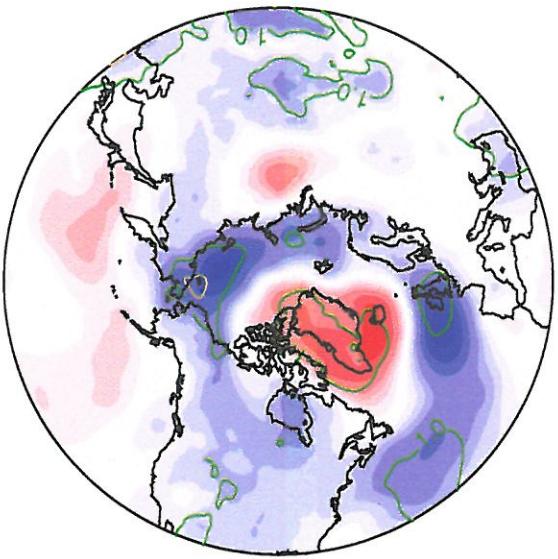
ERA-INTERIM MSLP ANOMALY 2012 - (1996-2005)

Mon Feb 18 16:33:40 2013
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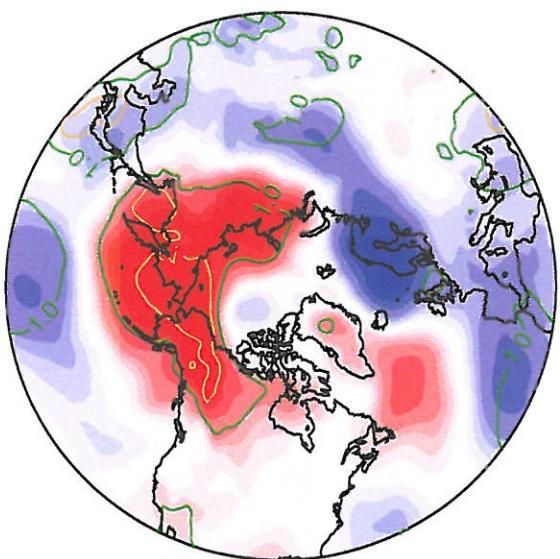
DJF



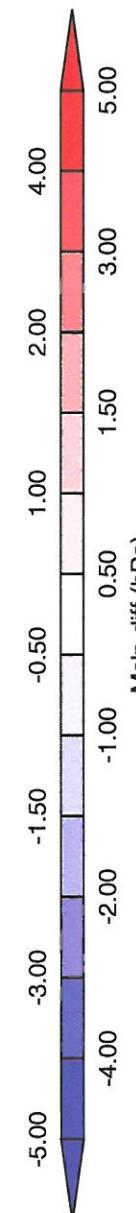
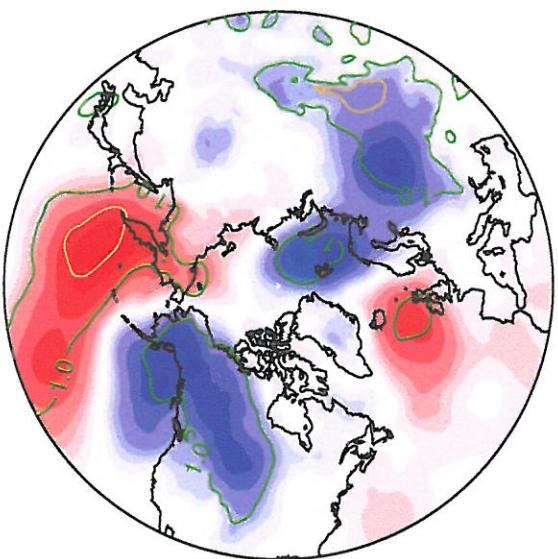
JJA



SON



MAM



Signal to
noise ratio

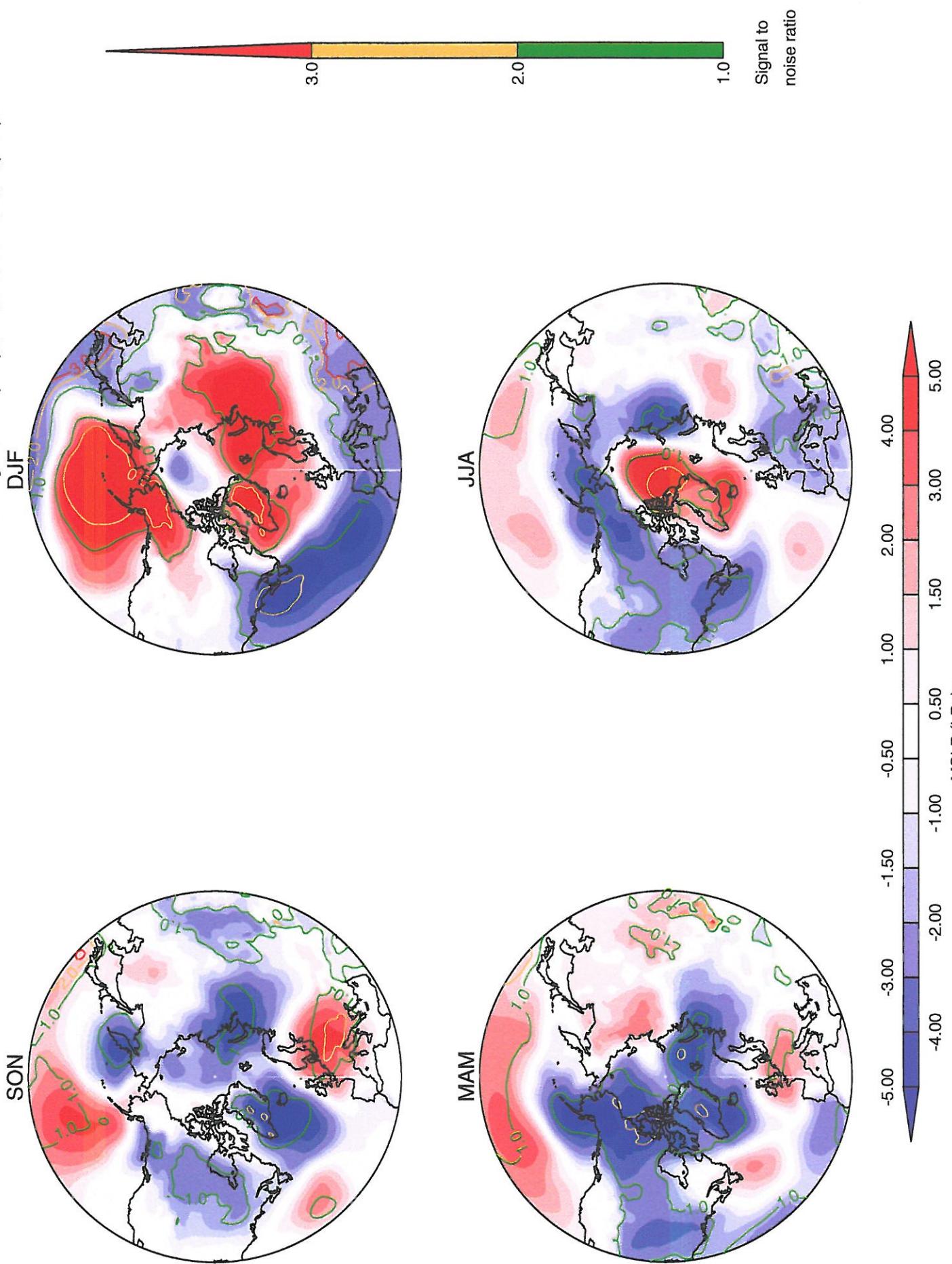
1.0

2.0

3.0

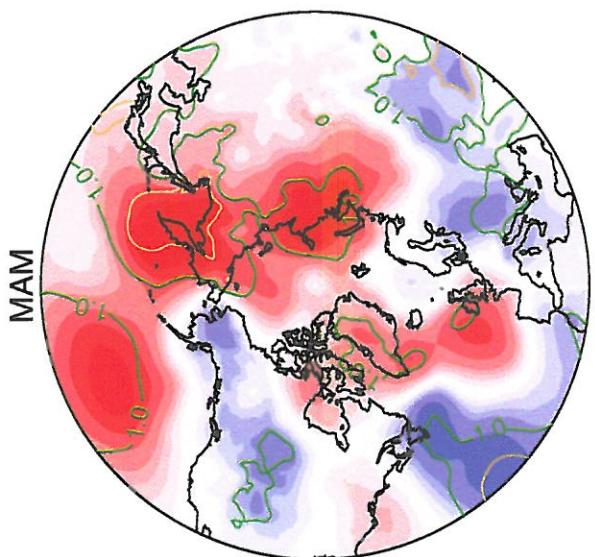
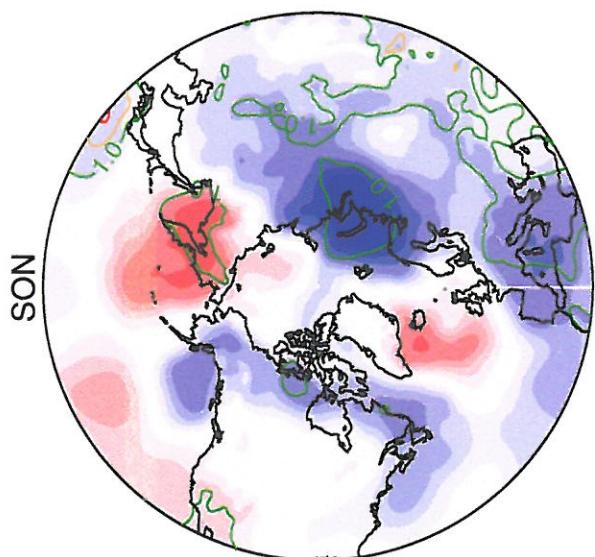
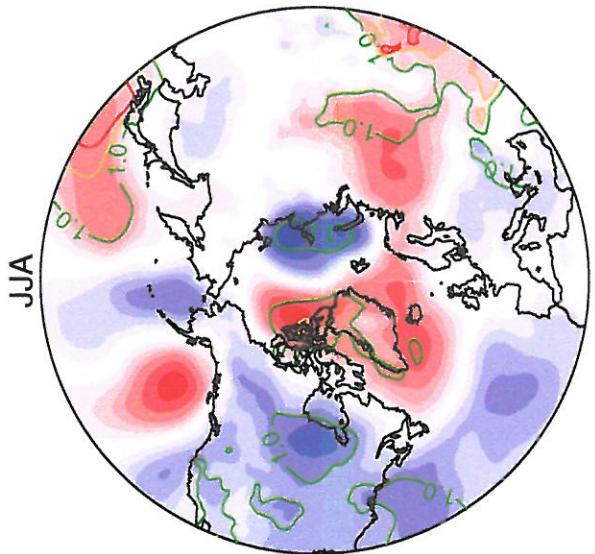
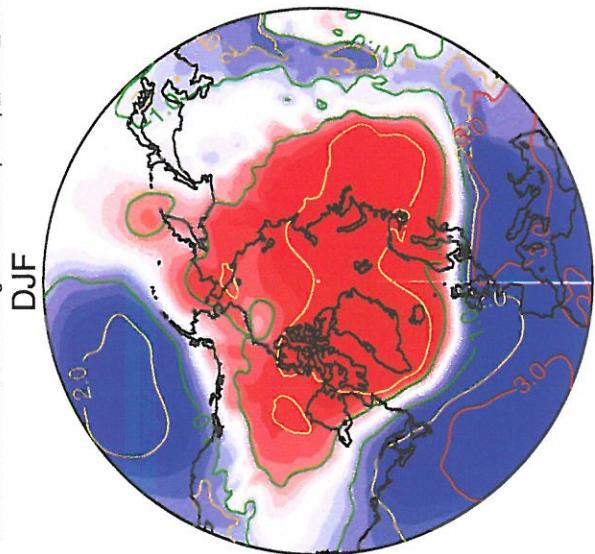
ERA-I seasonal MSLP anomalies 2011 - (1996-2005)

Mon Feb 18 16:28:54 2013
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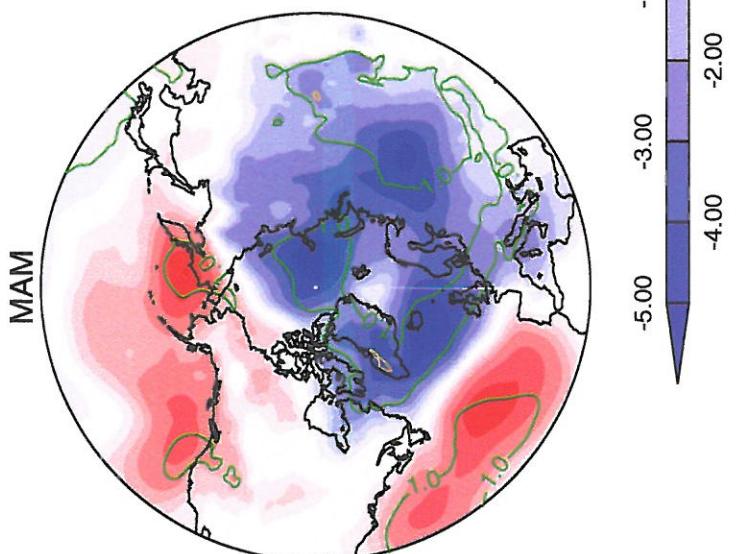
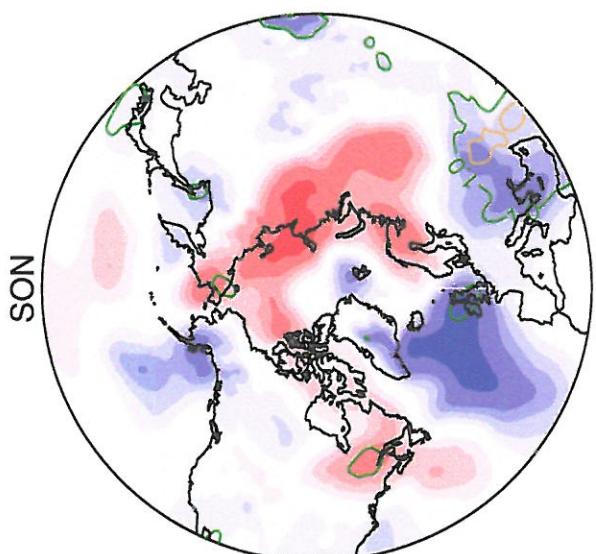
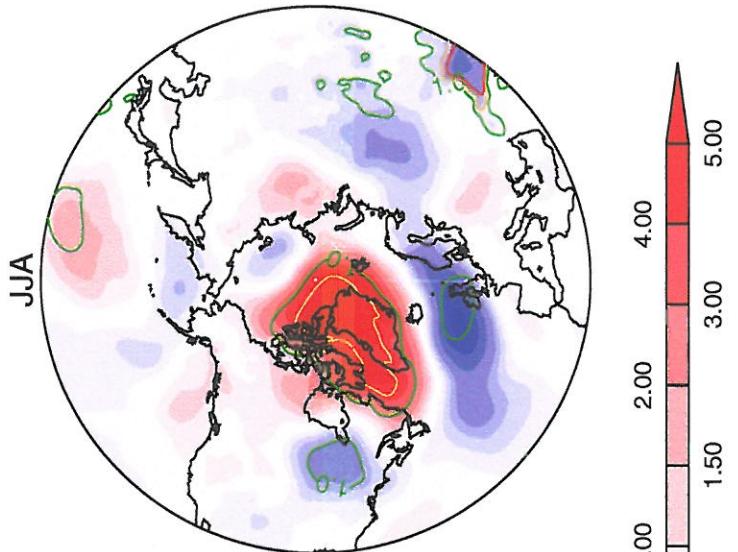
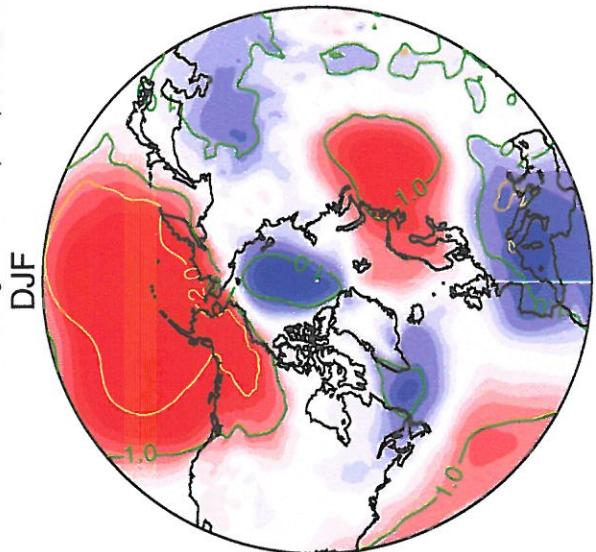
ERA-I seasonal MSLP anomalies zt10 - (1996-2005)

Mon Feb 18 16:28:49 2013
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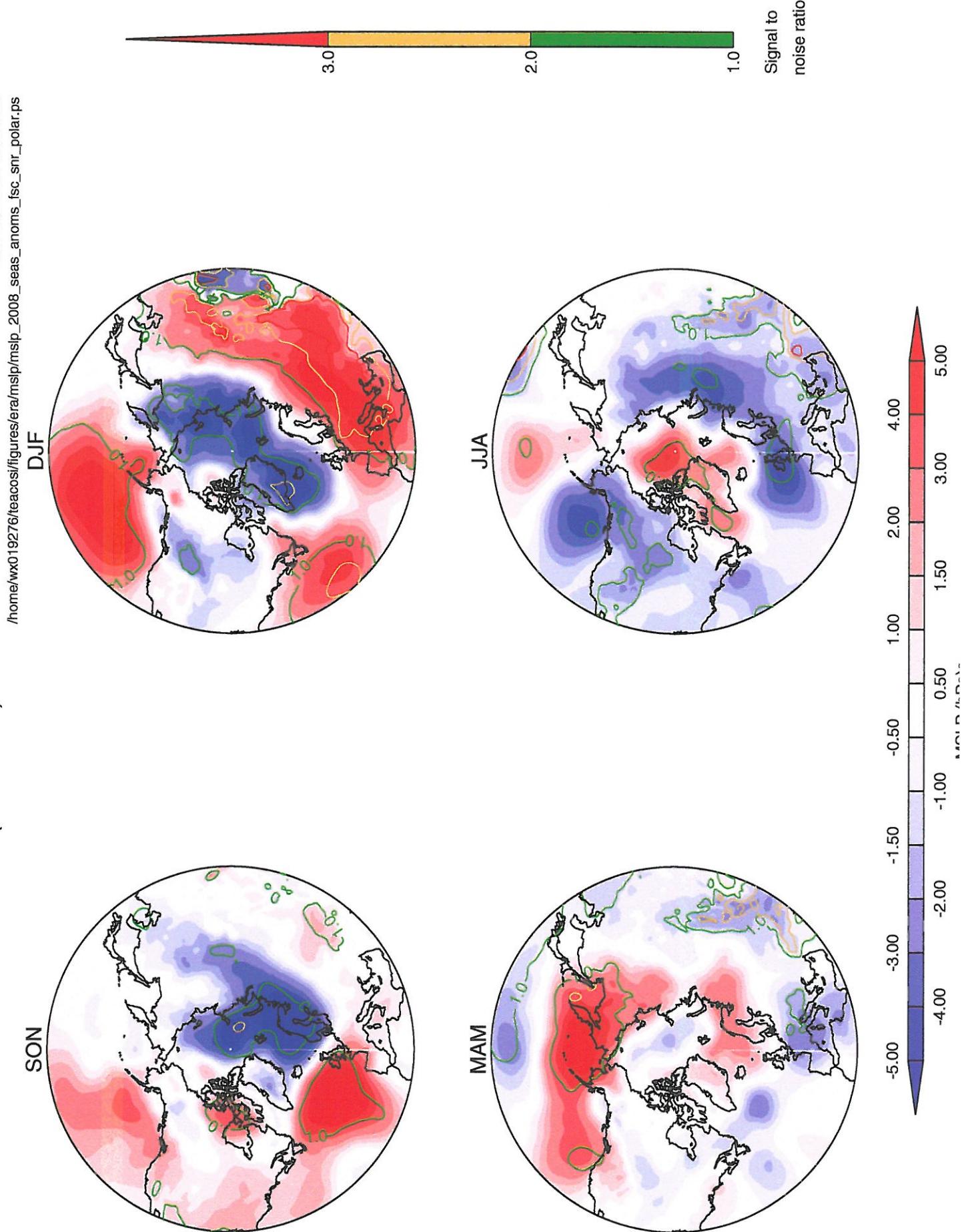
ERA-I seasonal MSLP anomalies zj09 - (1996-2005)

Mon Feb 18 16:28:44 2013
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ERA-I seasonal MSLP anomalies 2008 - (1996-2005)

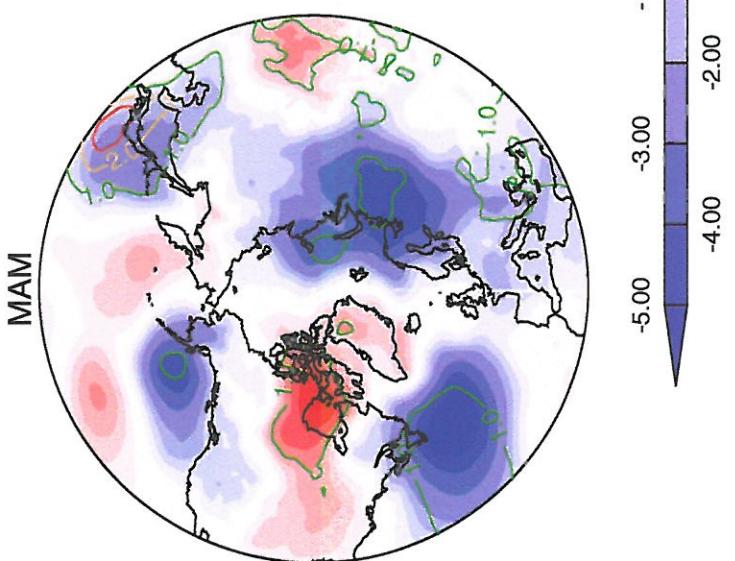
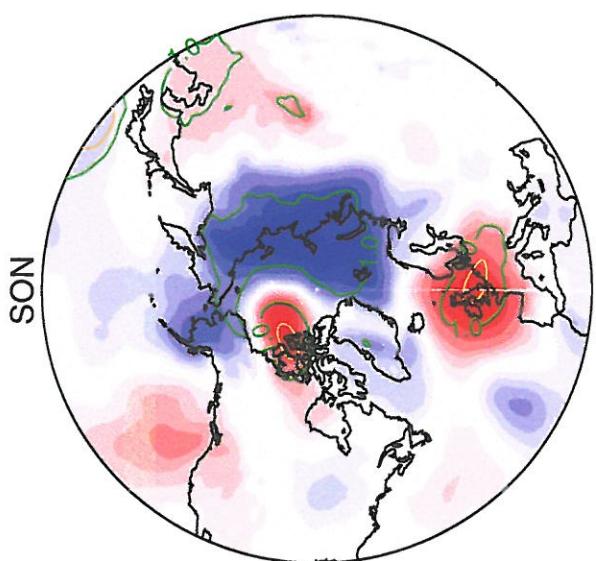
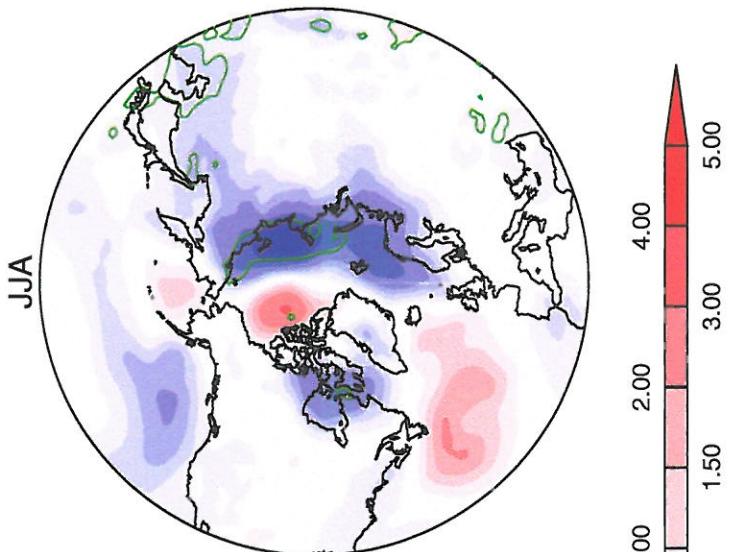
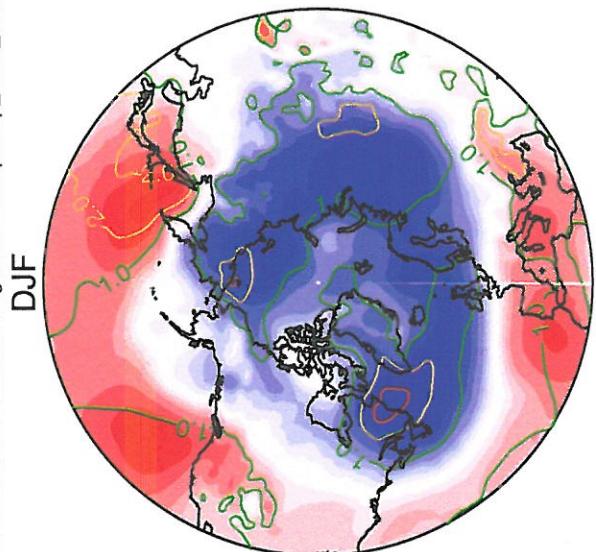
Mon Feb 18 16:28:38 2013



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ERA-I seasonal MSLP anomalies Δ₀₇ - (1996-2005)

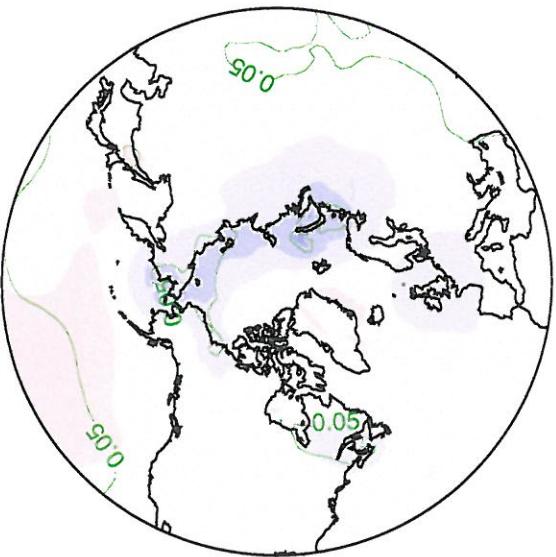
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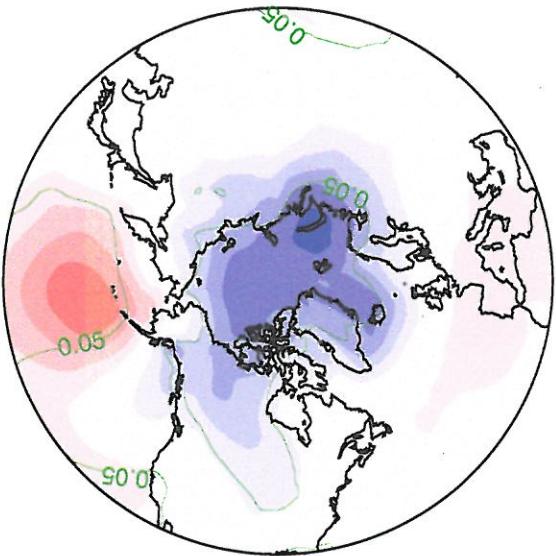
MSLP SUPER ENSEMBLE REST NSE PERT (2007-2011) - CTRL (1961-1995)

Wed Jan 30 15:05:17 2013
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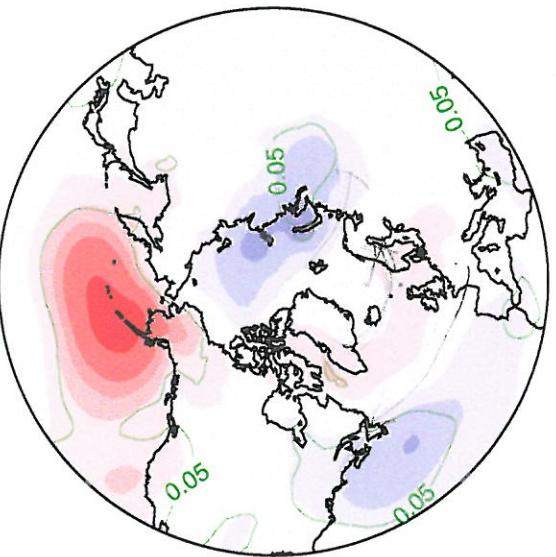
SON



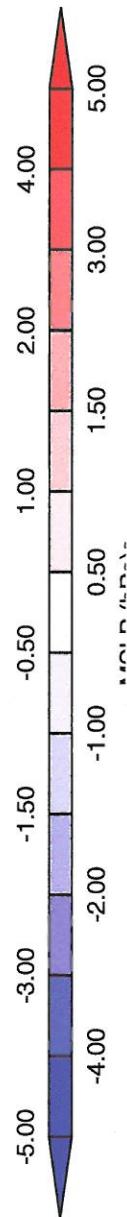
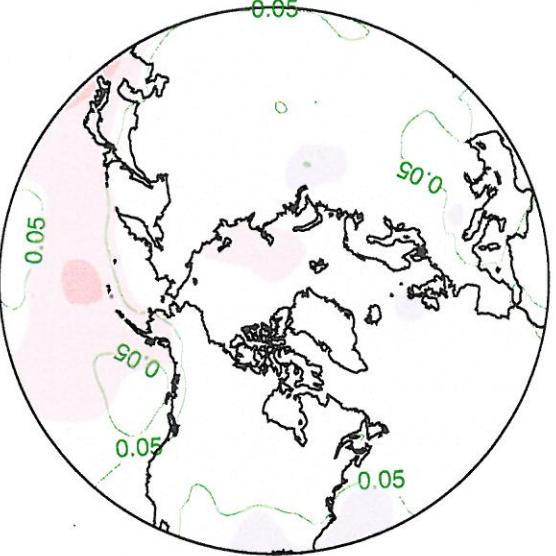
DJF



MAM

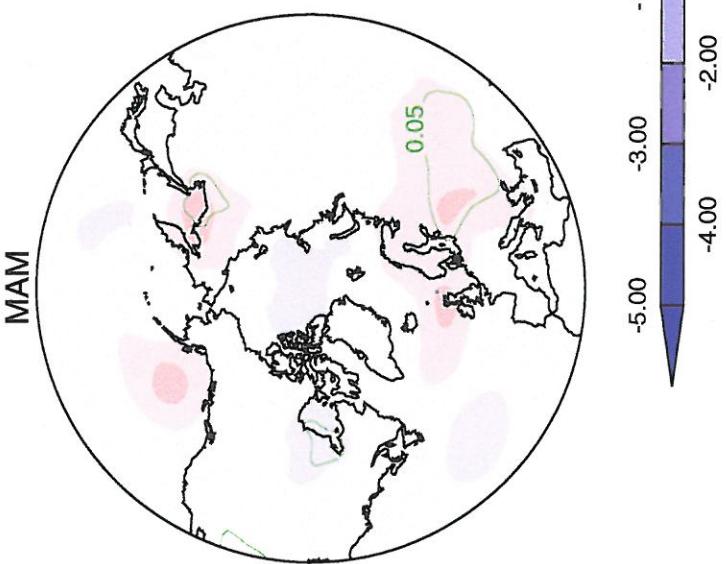
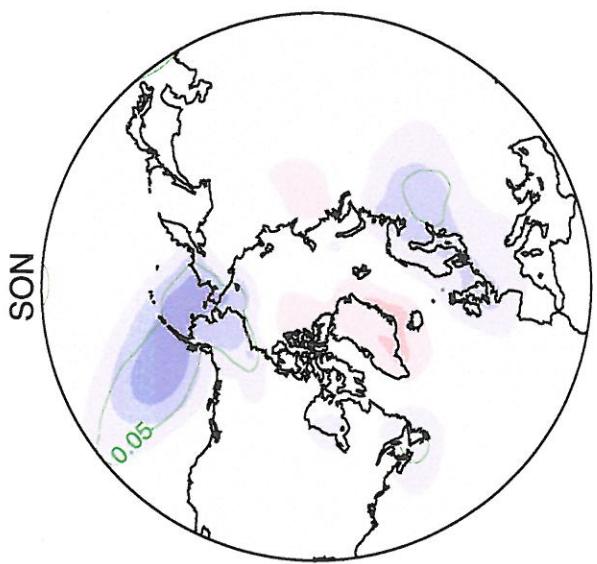
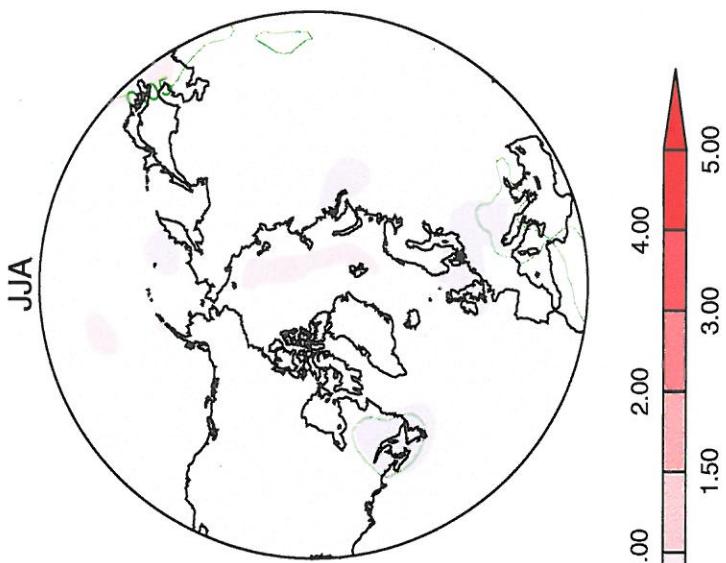
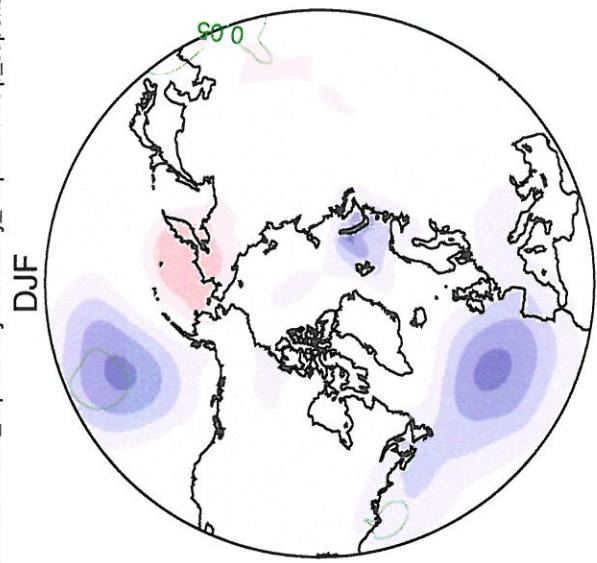


JJA



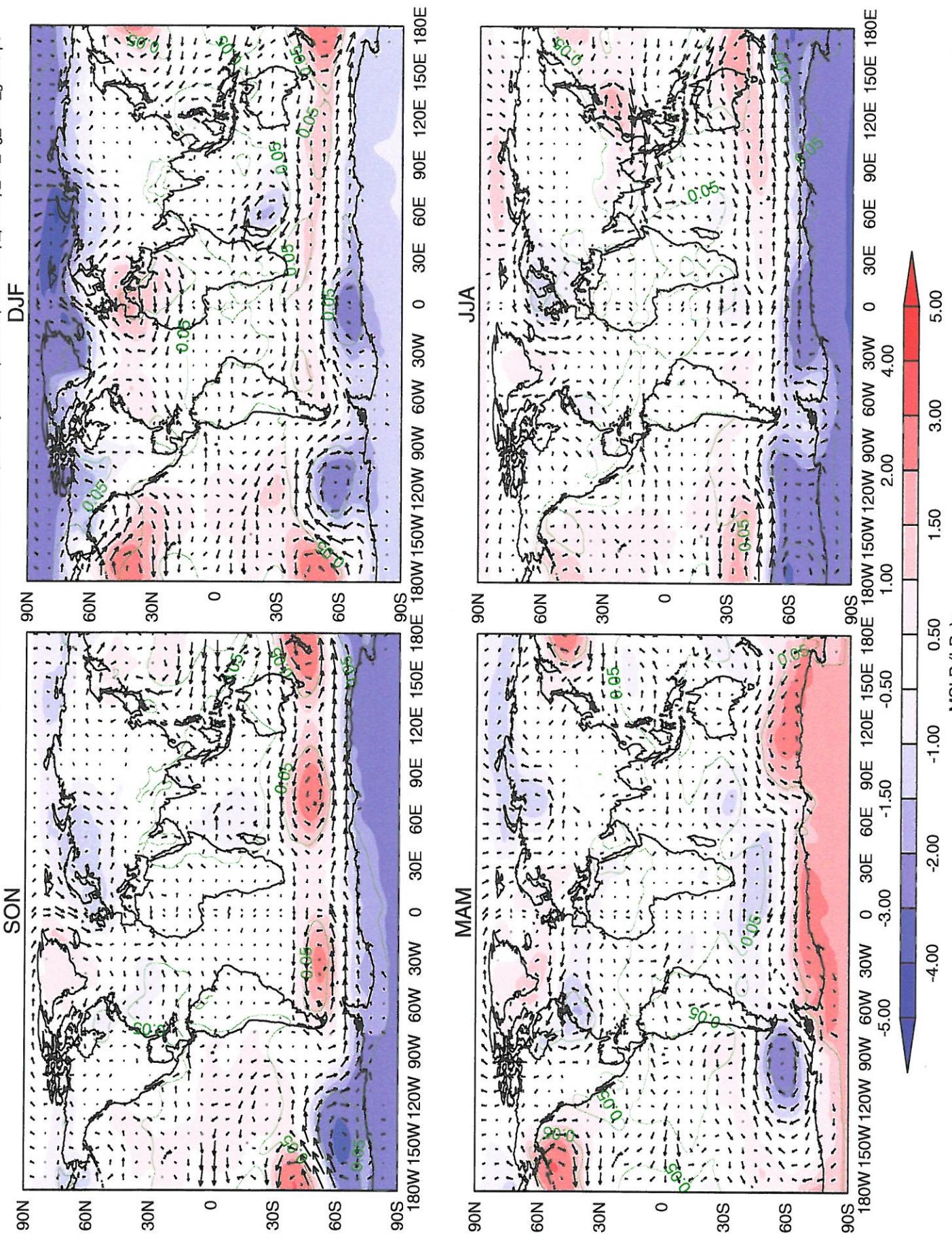
MSLP SUPER ENSEMBLE RESF_NSE IOP (2007-2011) - CTRL (1950-1995)

Fri Feb 1 15:00:32 2013
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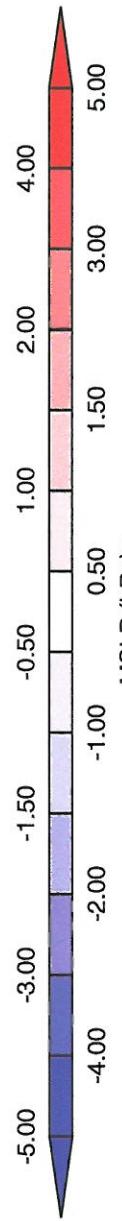
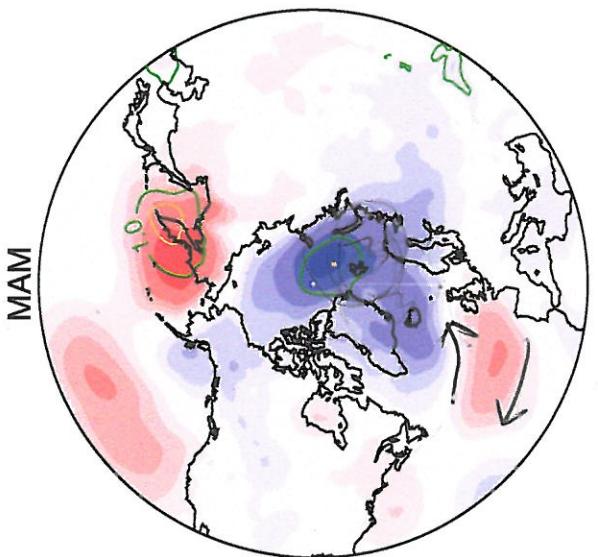
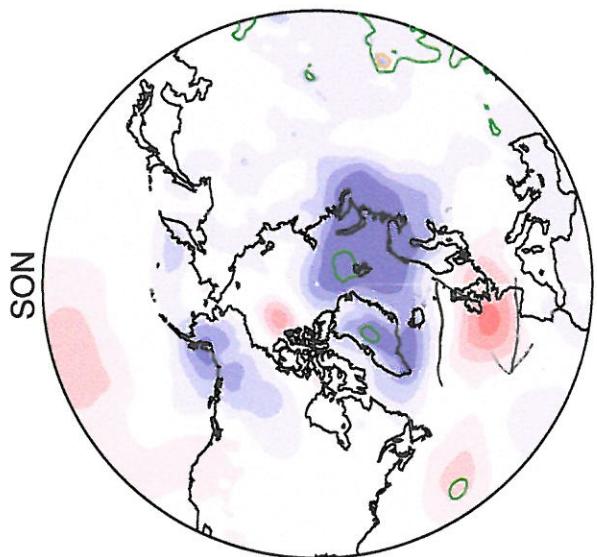
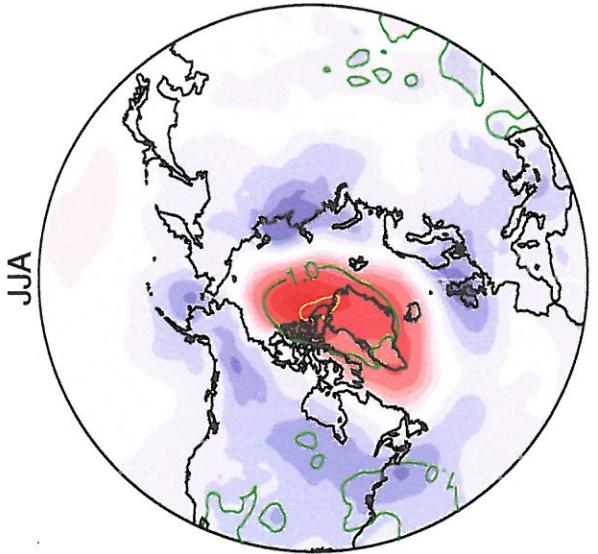
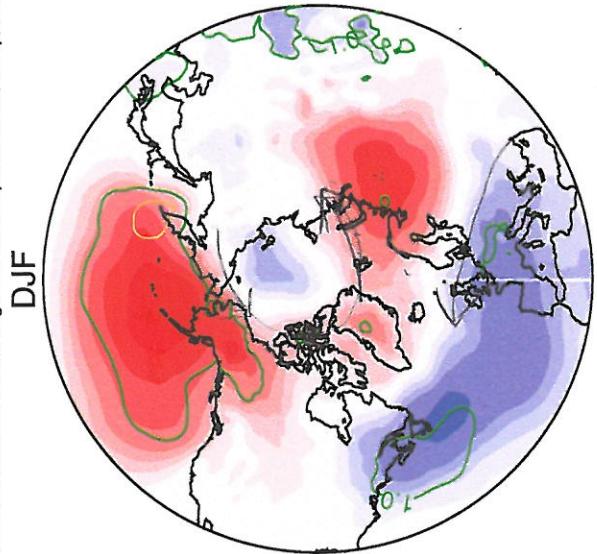
MSLP RESPONSE PERT (2007-1) - CTRL (1996-1995)

Mon Feb 4 16:46:44 2013
 /export/quince/data-06/wx019276/lum_expts/analysis/full_pert_response/mslp_pertsp_fsc_sig_global.ps



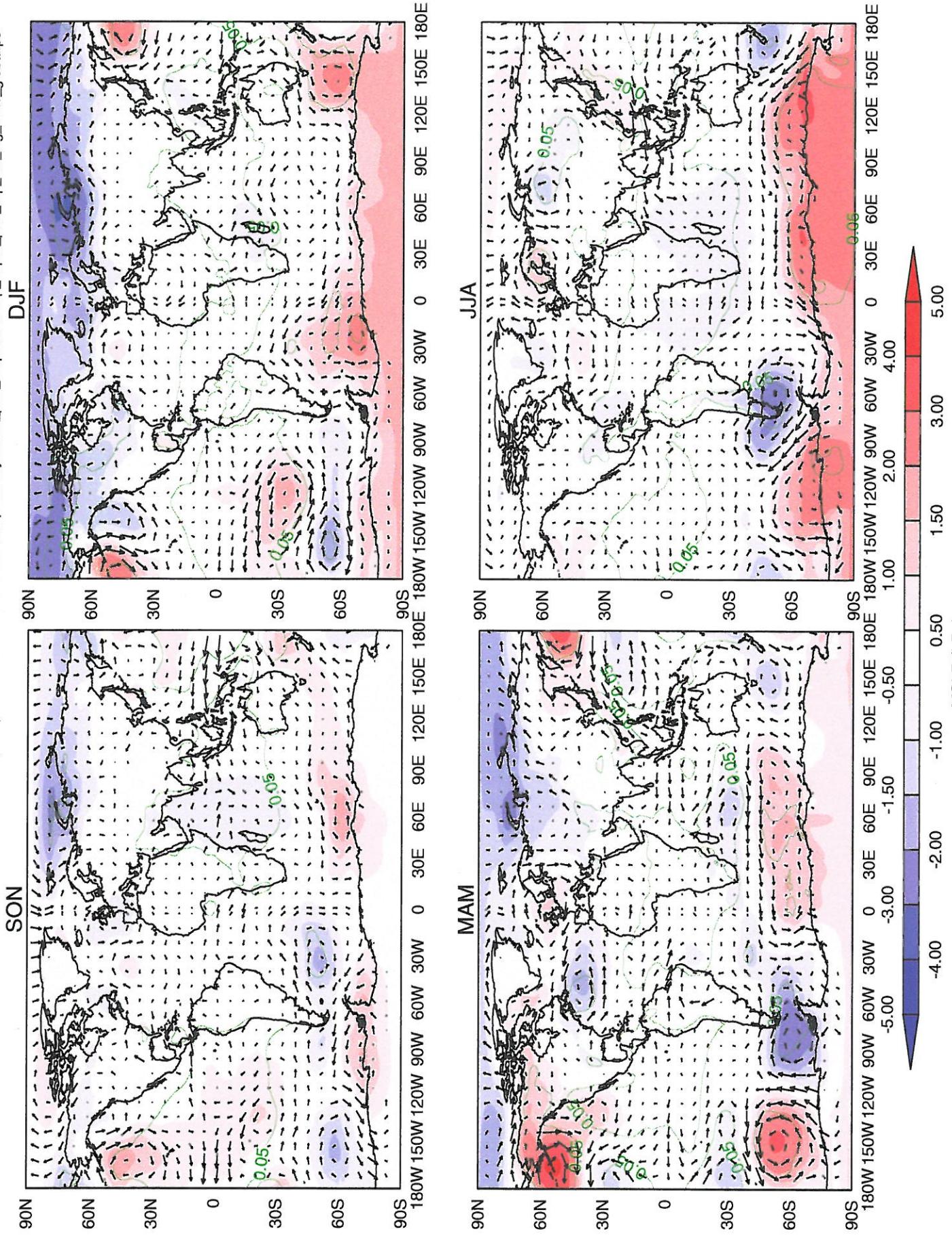
ERA-I seasonal MSLP anomalies (2007-2011) - (1996-2005)

Wed Jan 23 15:58:33 2013
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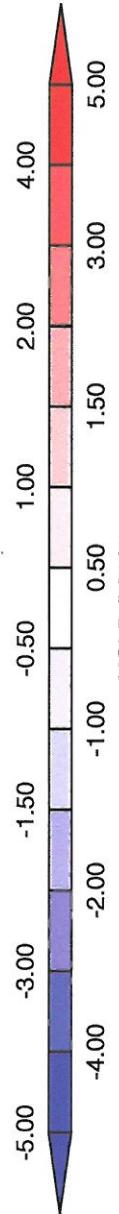
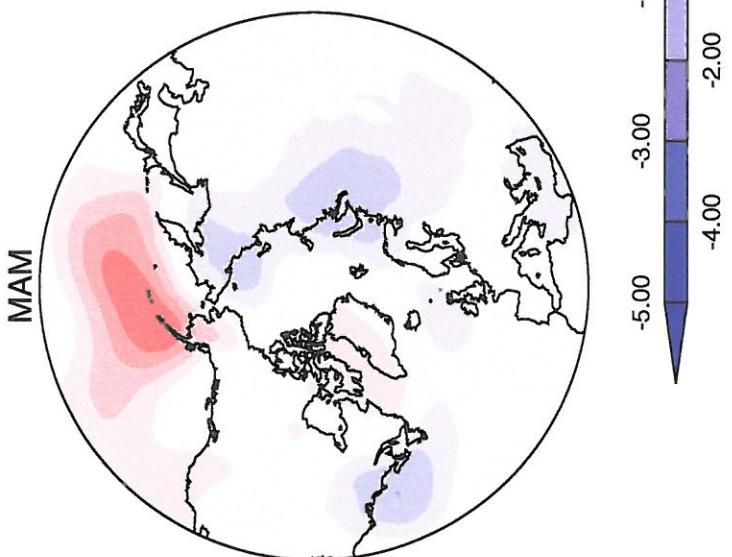
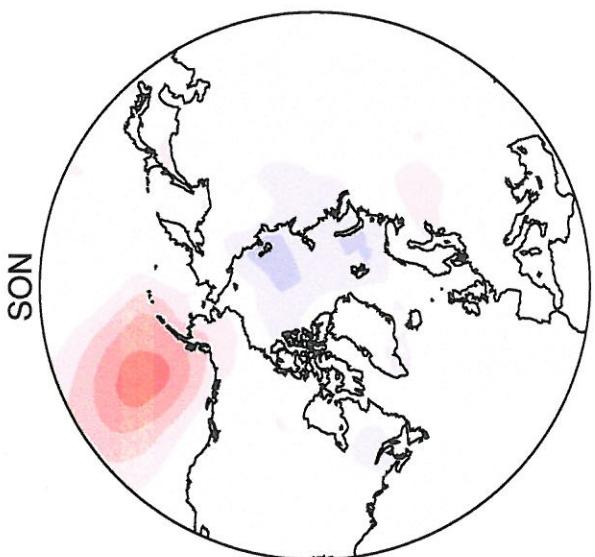
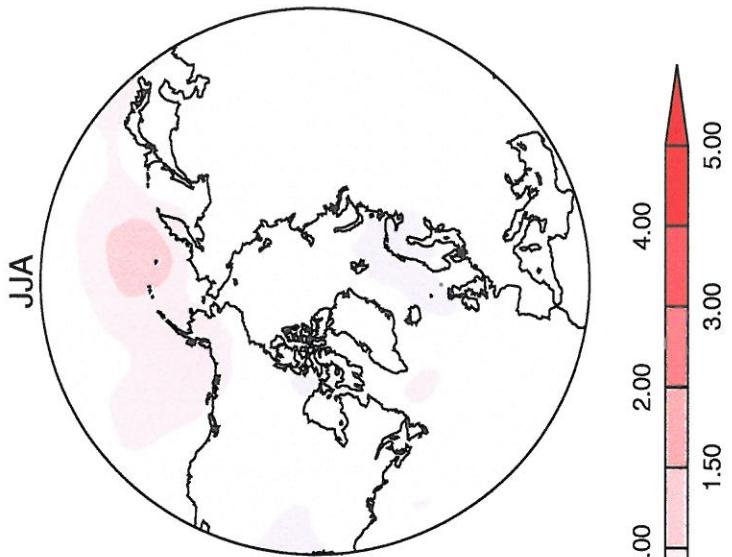
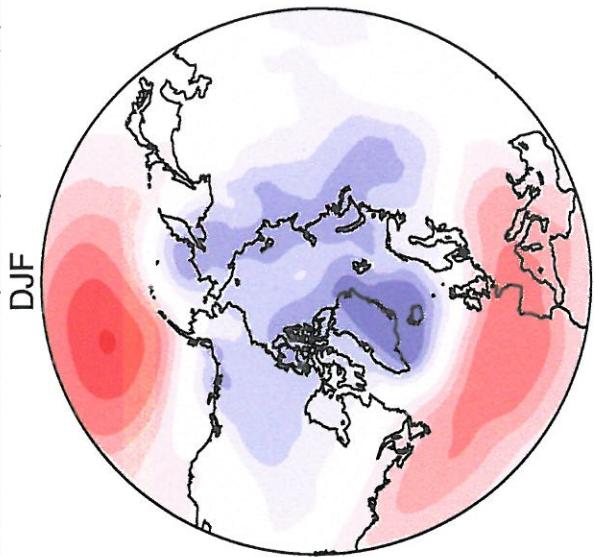
MSLP EXPT1 RESPONSE PERT - CTRL (1996-1995) - (007-2011)

Mon Feb 4 16:44:23 2013
 /export/quincec/data-06/wx019276/um_expts/analysis/full_pert_response/mslp_expt1_pert_rsp_fsc_sig_global.ps



MSLP (PERT-CTRL) - (IOP-CTRL)

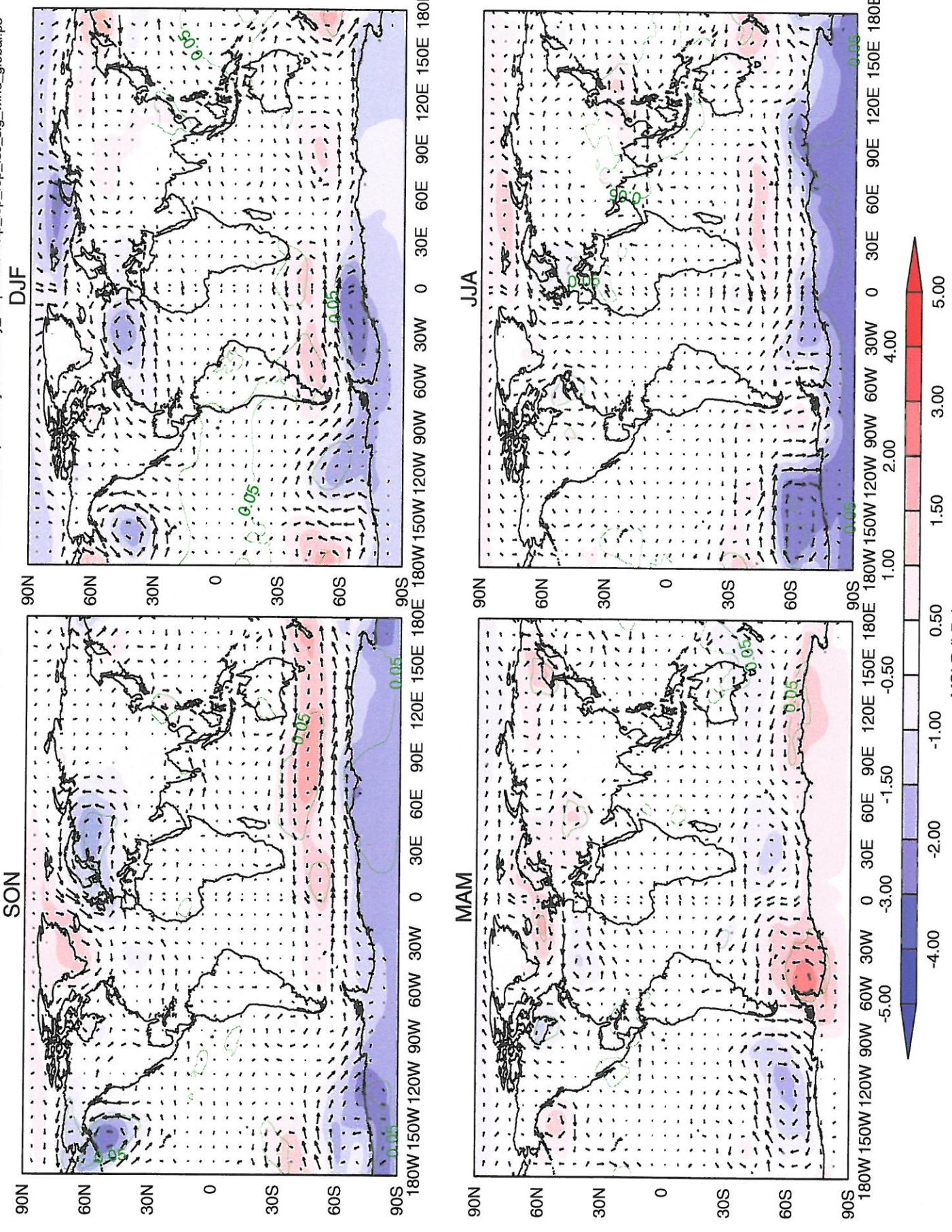
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MSLP RESPONSE IOP (2007-2L . 1) - CTRL (1996-1995)

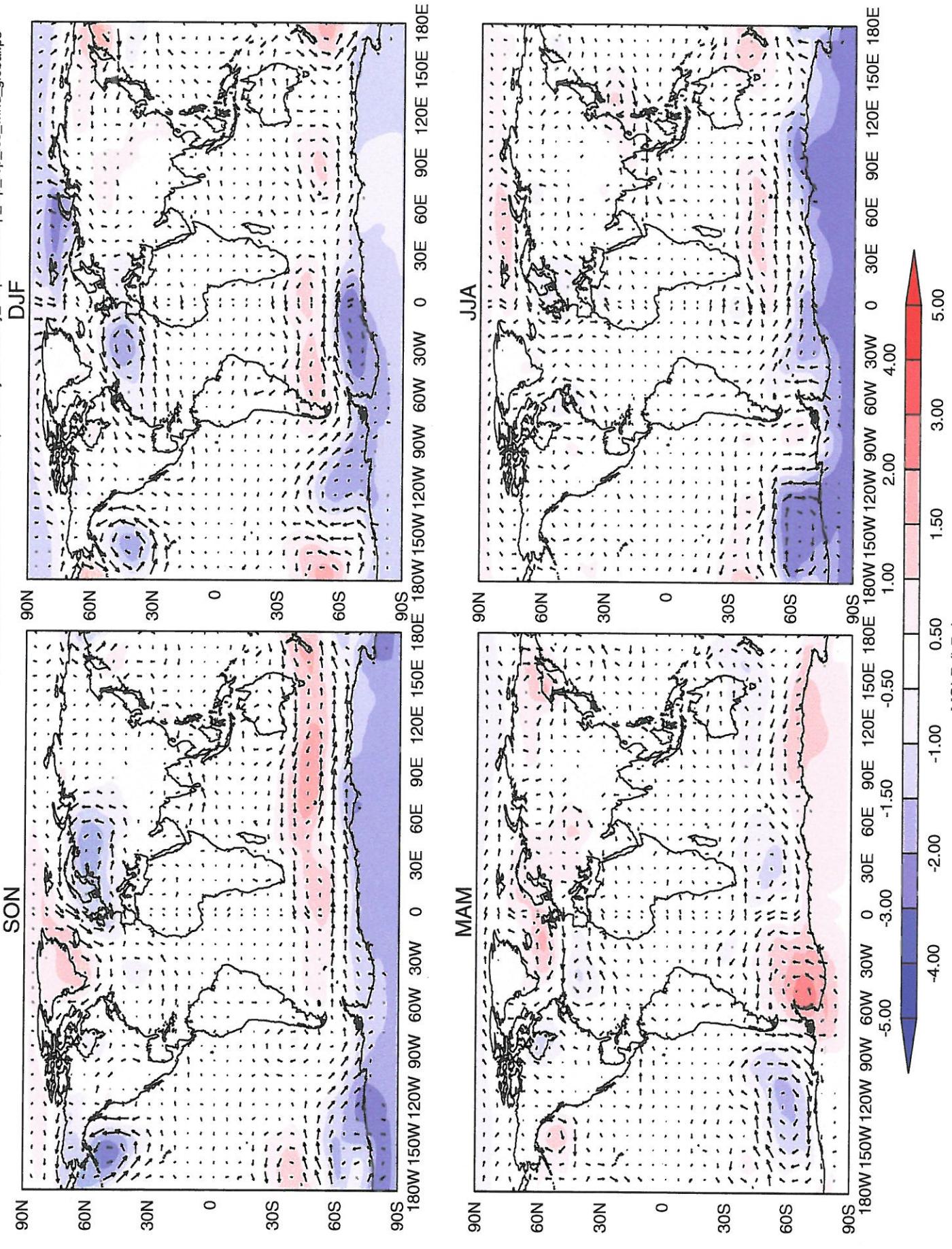
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Mon Feb 4 16:45:51 2013



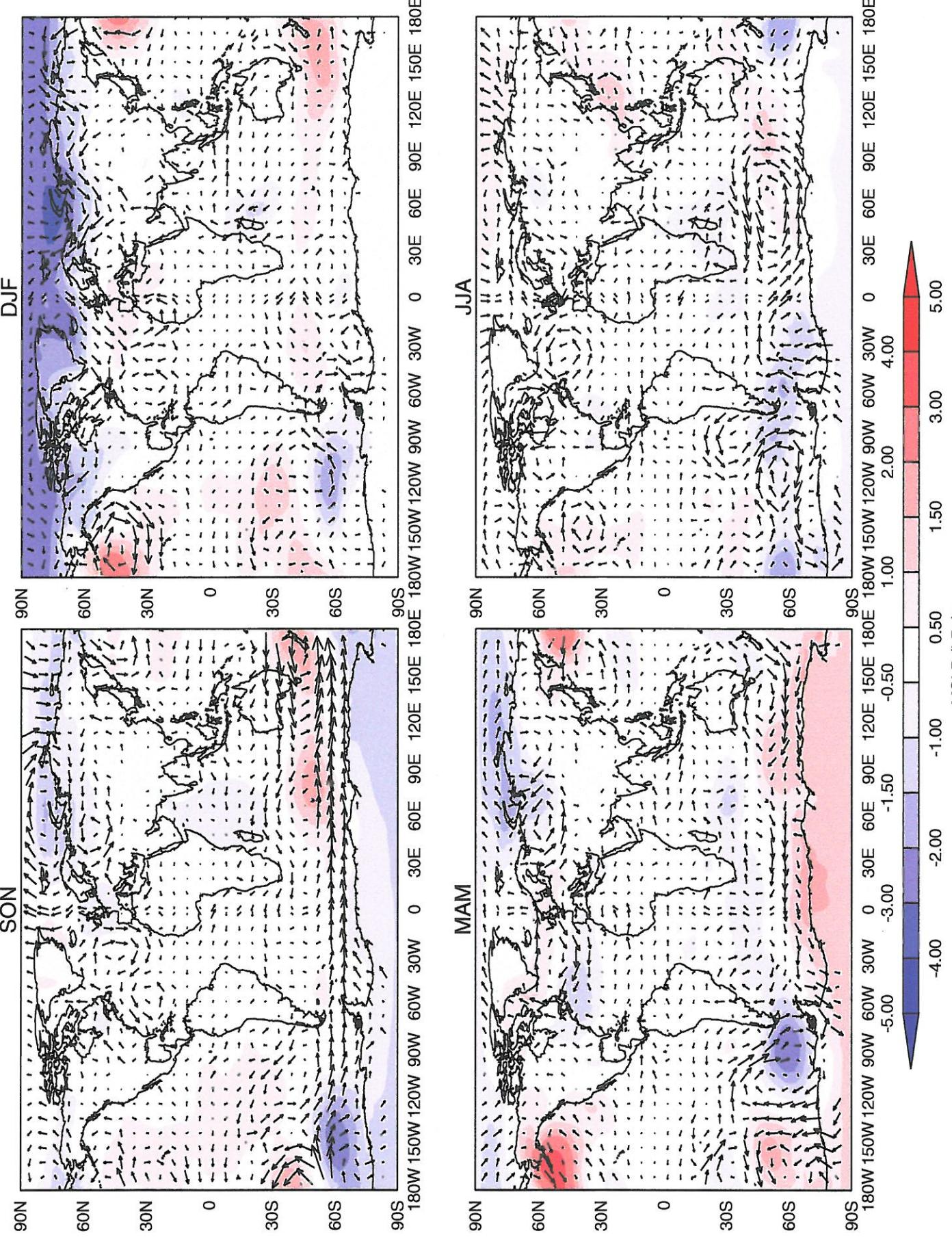
MSLP RESPONSE IOP (2007-2011) - CTRL (1996-1995)

Fri Feb 1 15:48:26 2013
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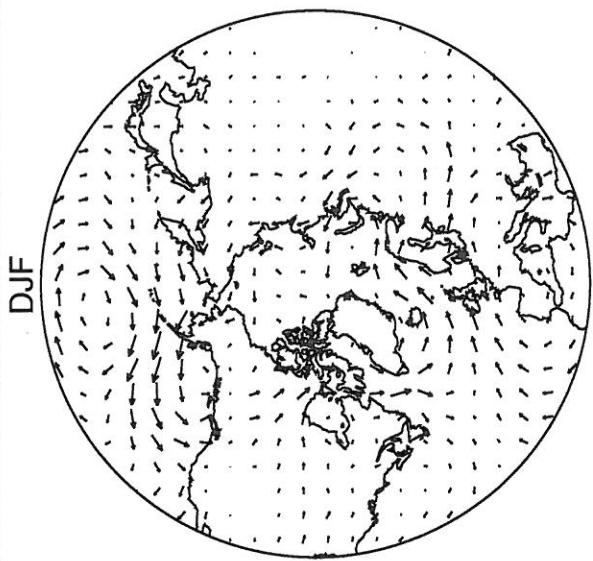
MSLP SUPER ENSEMBLE RESF_NSE PERT (2007-2011) - CTRL (1_6-1995)

Mon Feb 4 14:32:39 2013
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 $\rightarrow 3m/s$

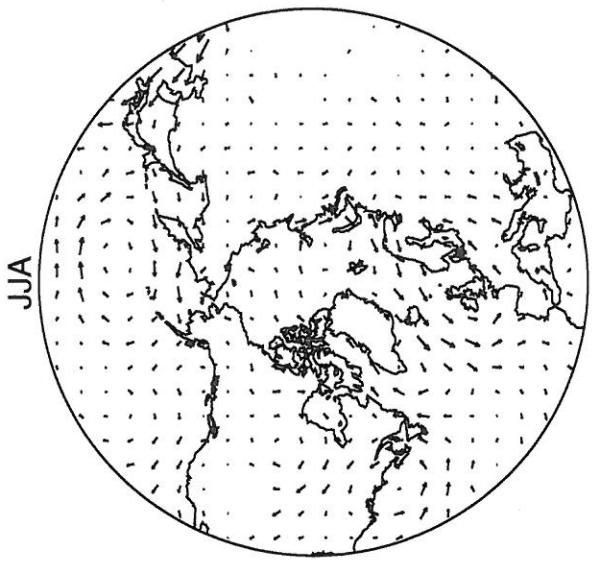


MSLP RESPONSE PERT (2007-11) - CTRL (1996-1995)

Fri Feb 1 14:44:03 2013
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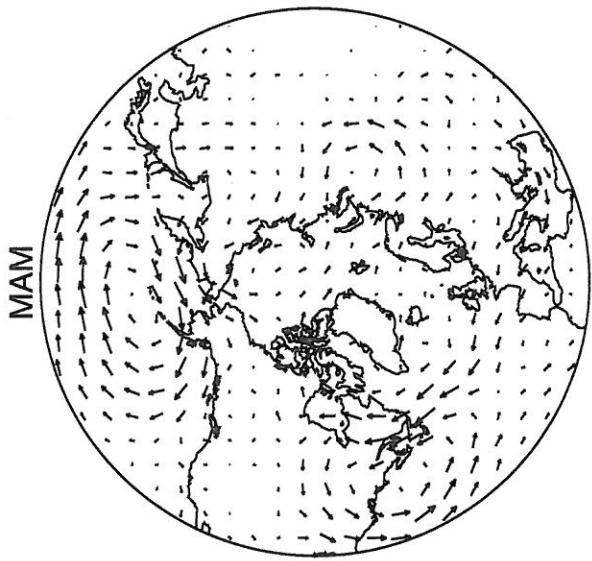
DJF



JJA



SON



MAM

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

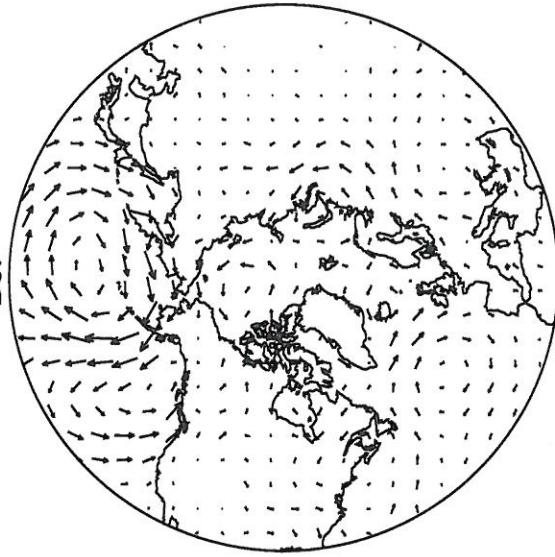
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Mon Feb 4 13:14:32 2013

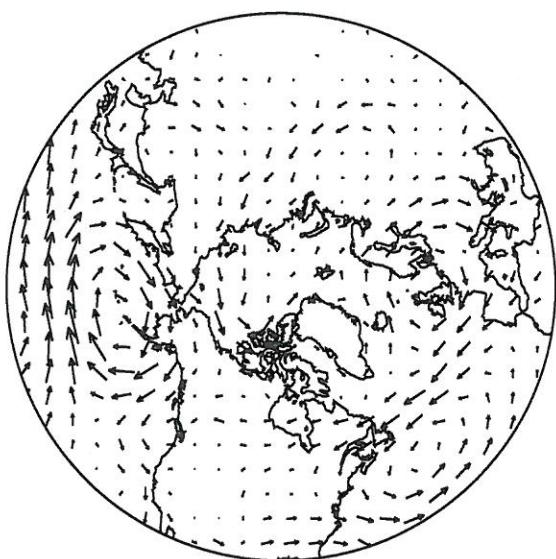
SON



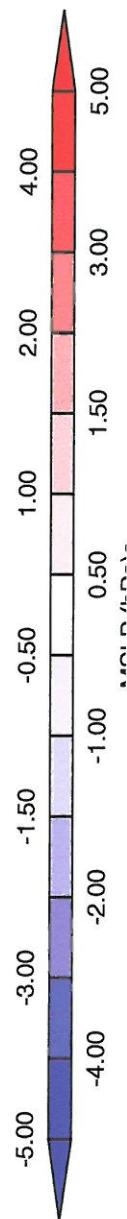
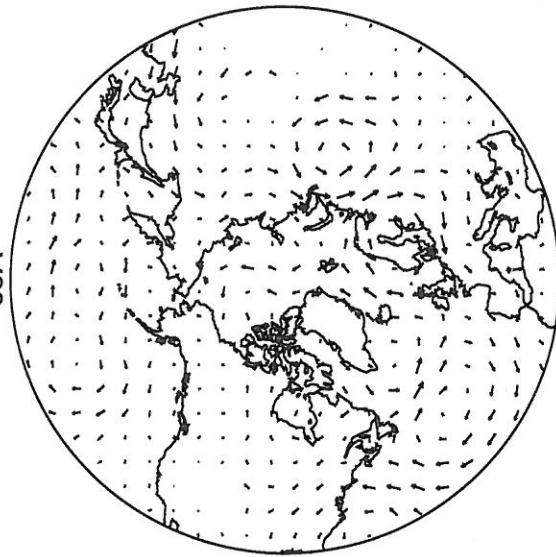
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MAM

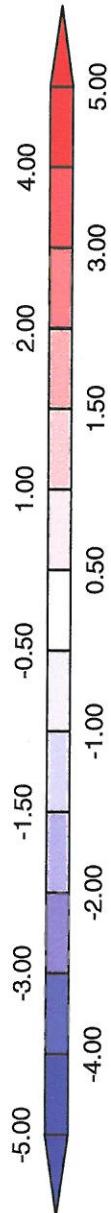
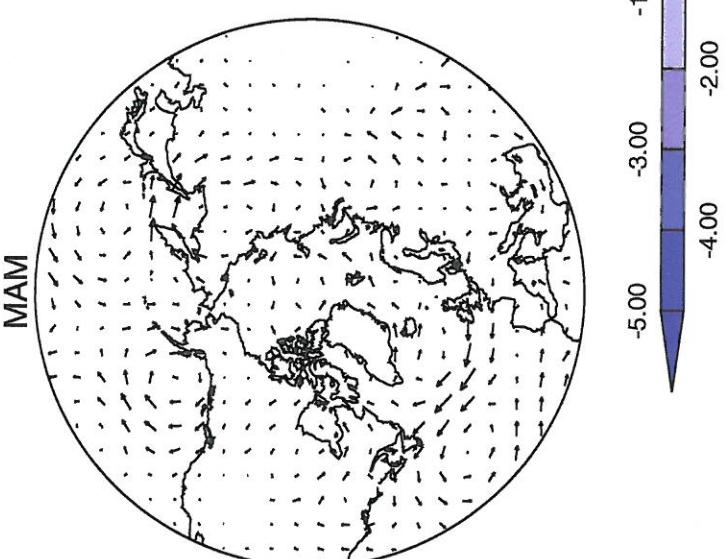
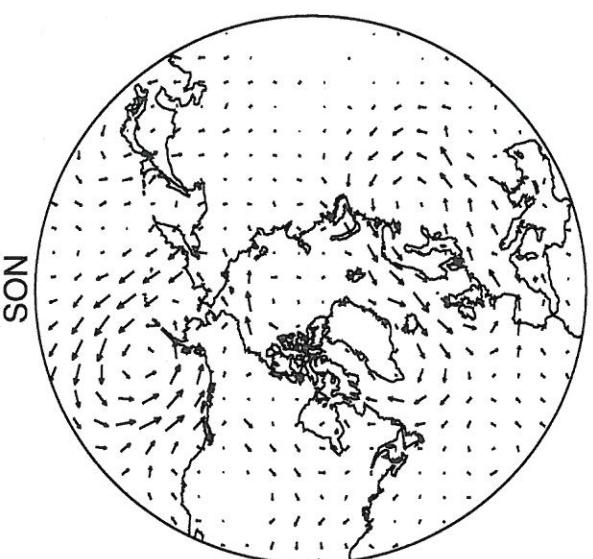
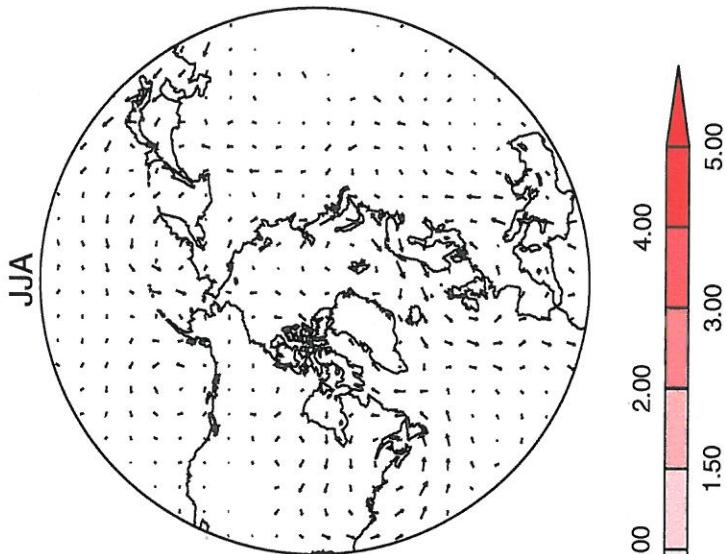
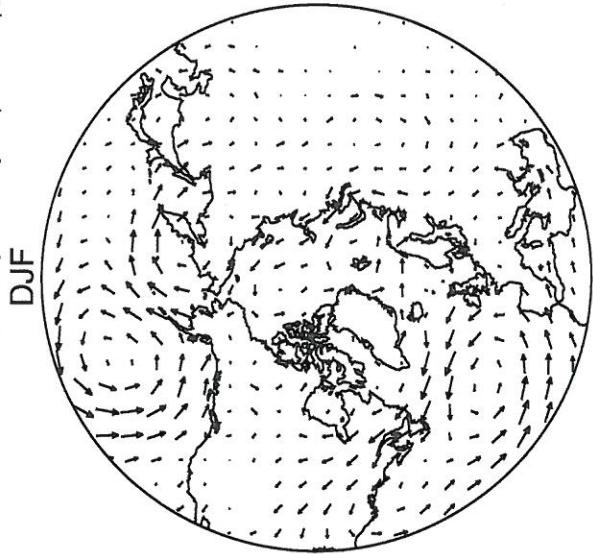


JJA



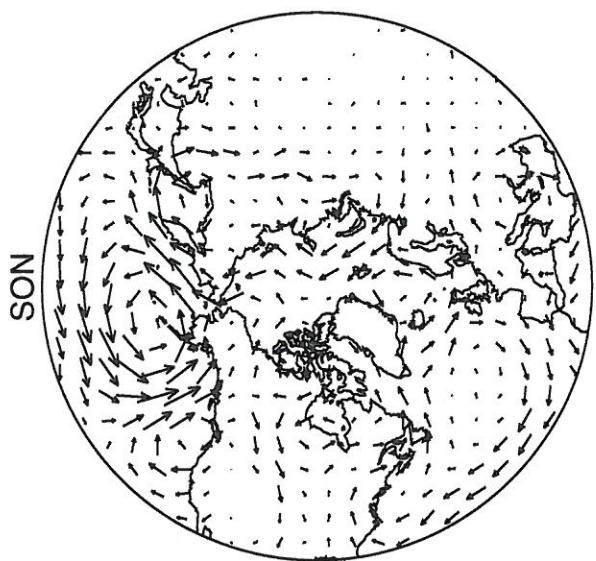
MSLP RESPONSE IOP (2007-20) - CTRL (1996-1995)

Fri Feb 1 15:51:22 2013
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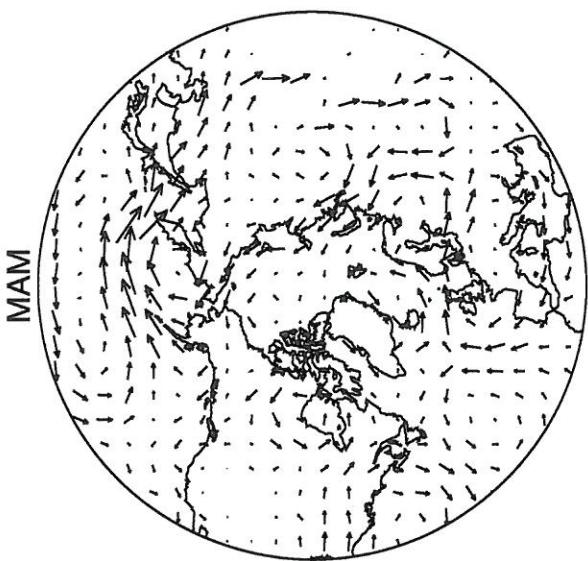


MSLP SUPER ENSEMBLE RESPONSE IOP (2007-2011) - CTRL (199_c 1995)

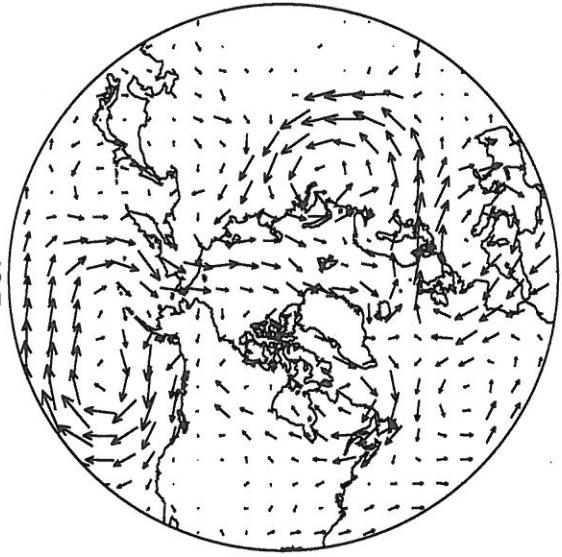
Mon Feb 4 15:01:04 2013
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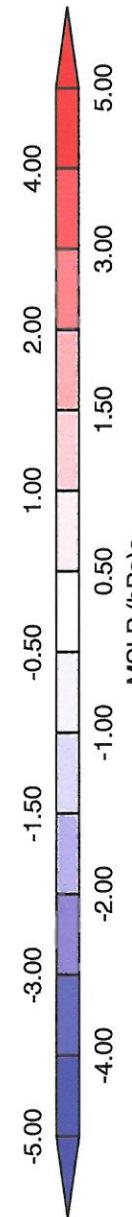
DJF



MAM

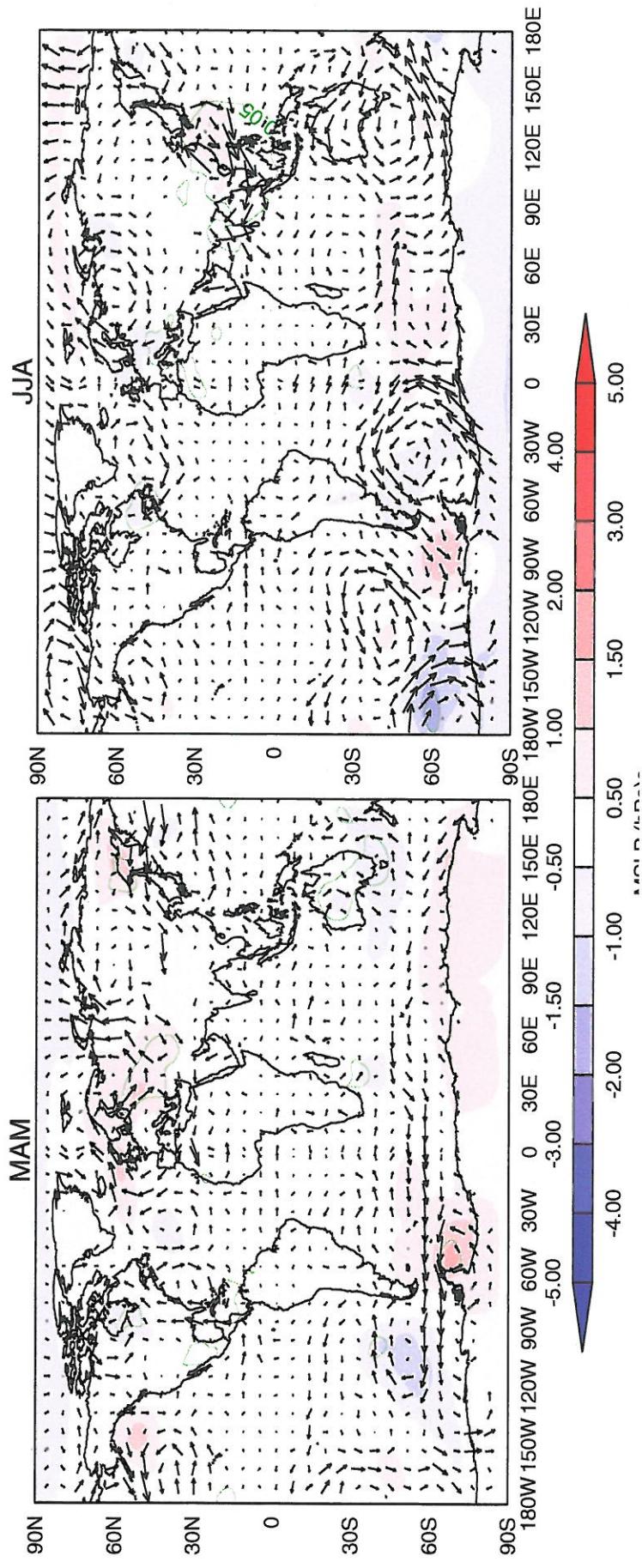
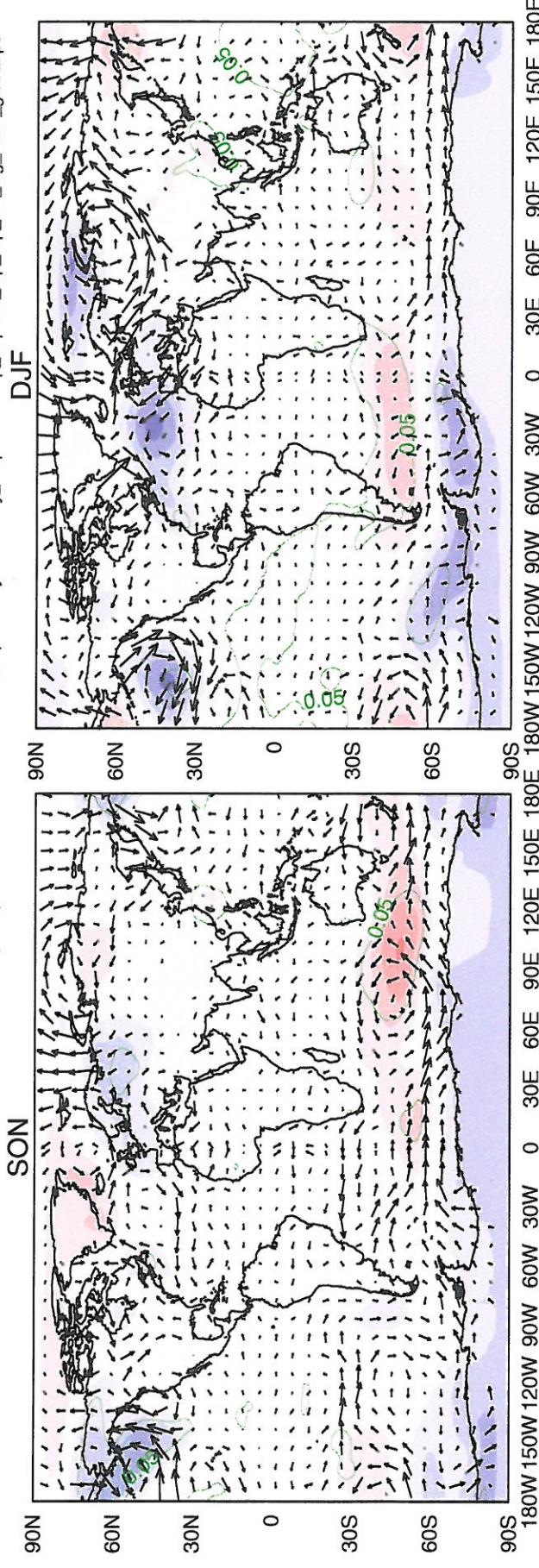


JJA



MSLP SUPER ENSEMBLE RESPONSE IOP (2007-2011) - CTRL (1990-1995)

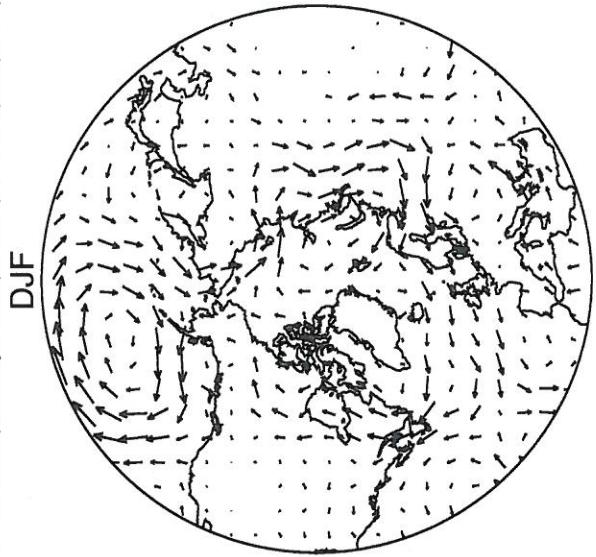
Mon Feb 4 15:02:52 2013
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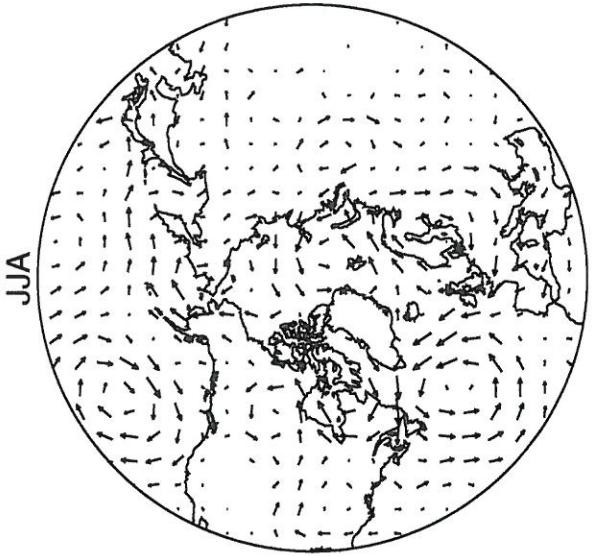
MSLP SUPER ENSEMBLE RESF_NSE PERT (2007-2011) - CTRL (1, 6-1995)

Mon Feb 4 14:36:13 2013
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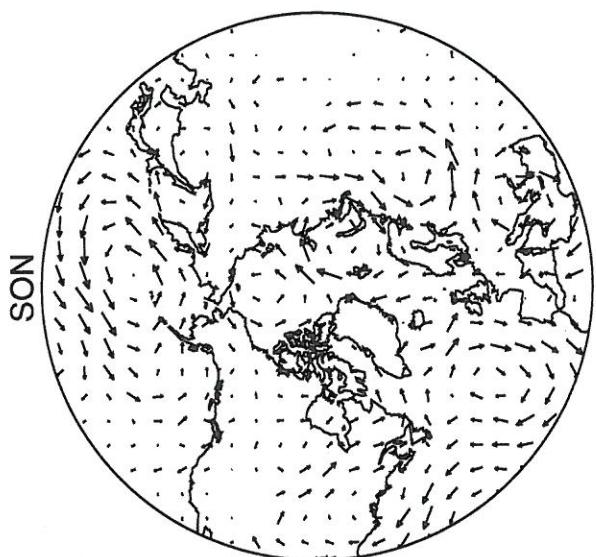
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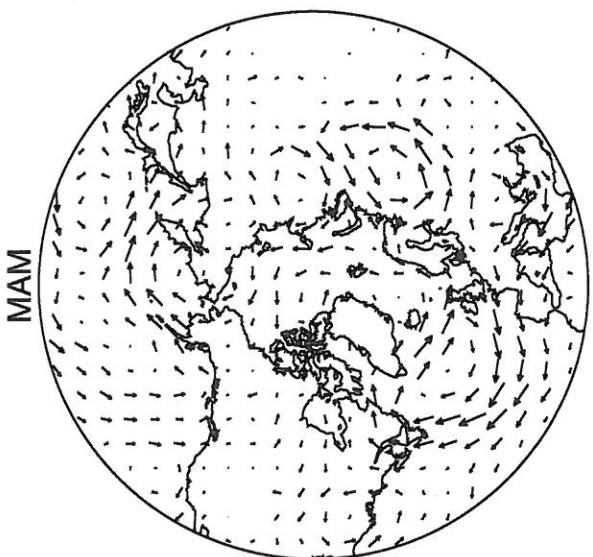
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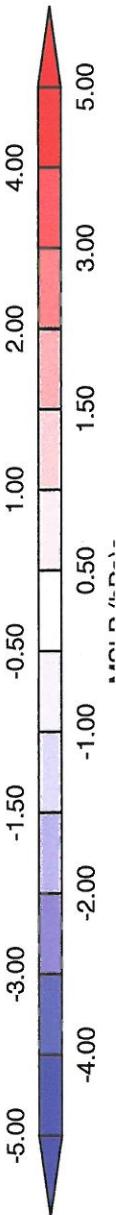
JJA



SON

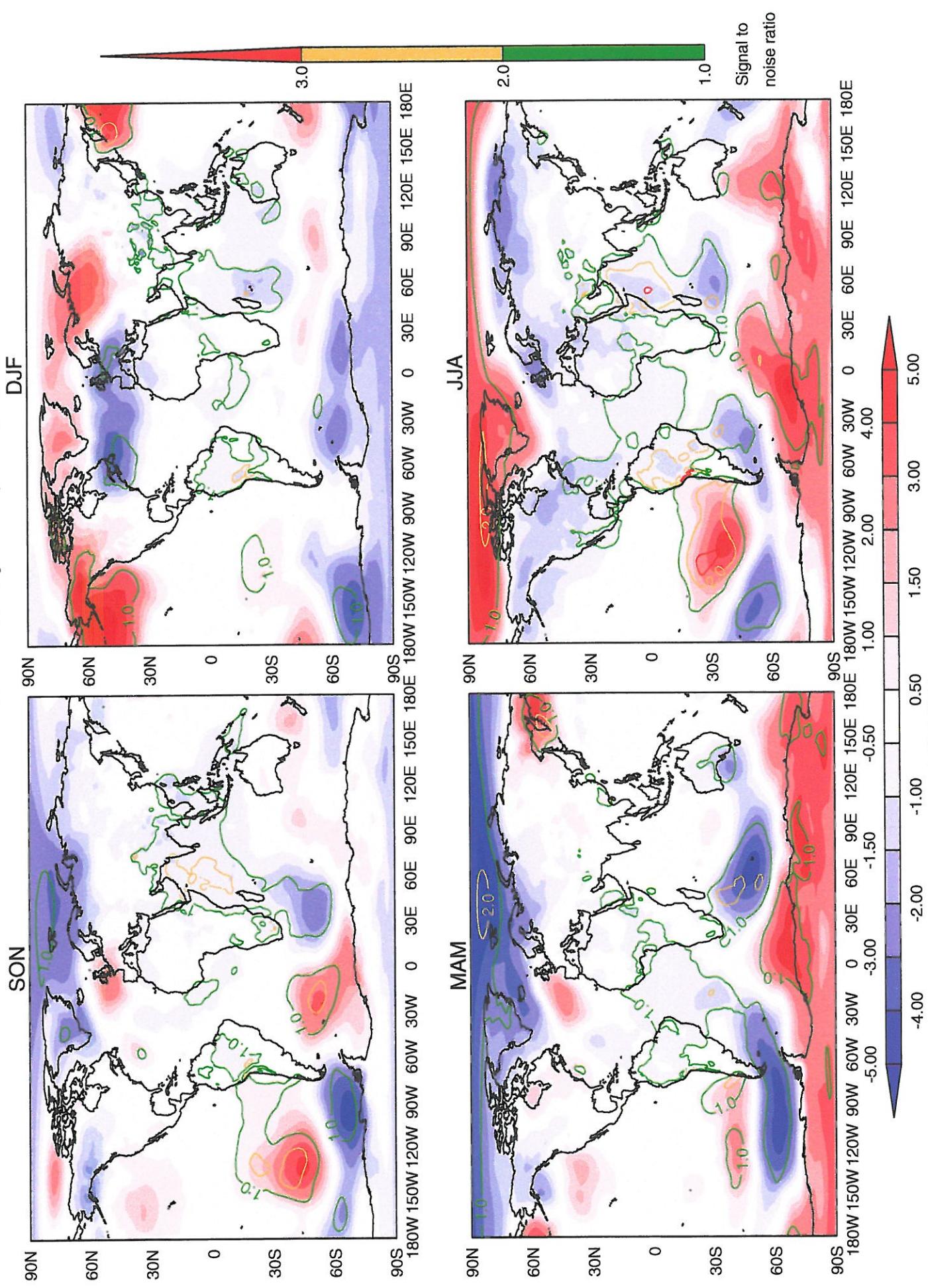


MAM



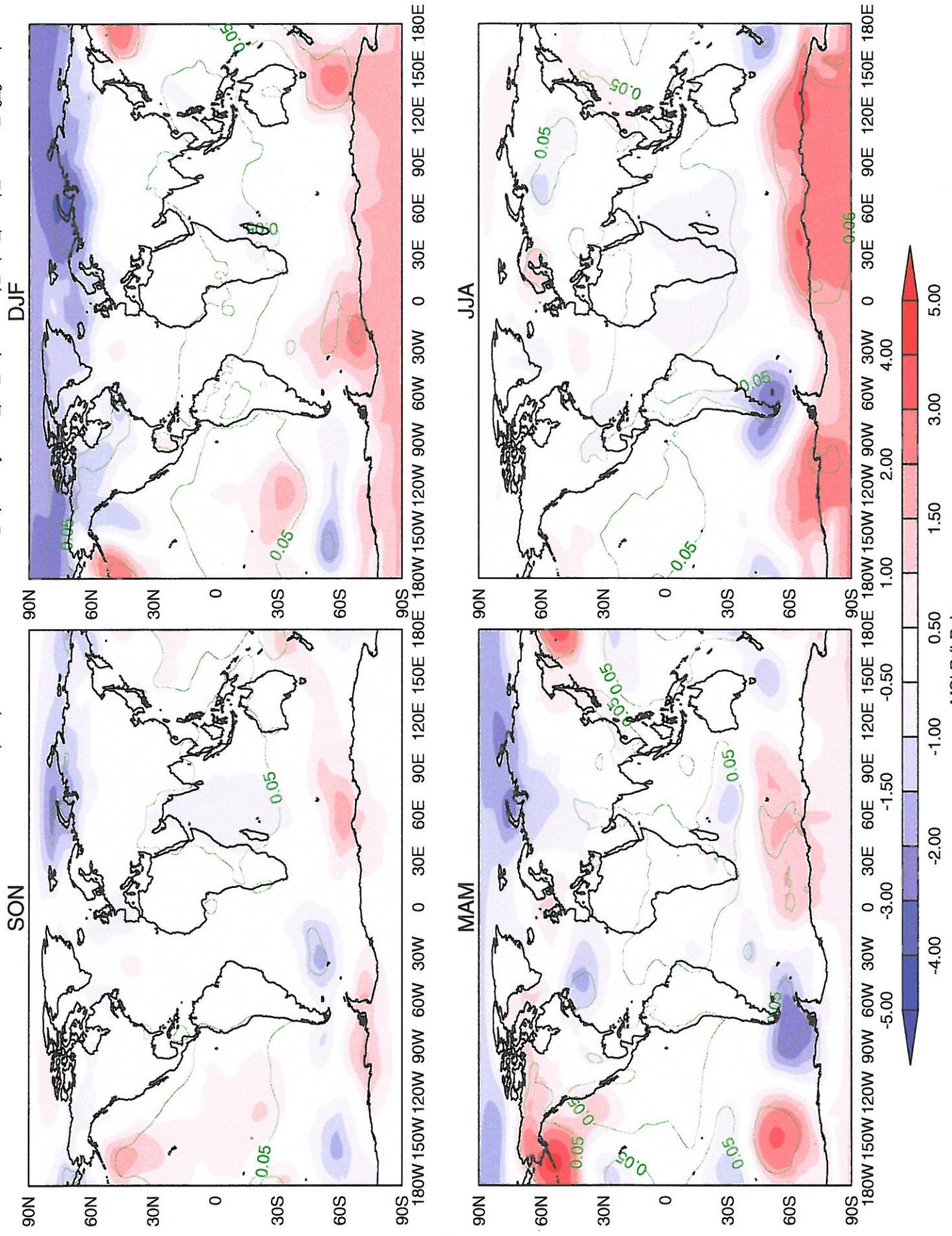
ERA-I seasonal MSLP anomalies (07-2012) - (1996-2005) (2012 up to October)

Tue Feb 5 16:00:29 2013
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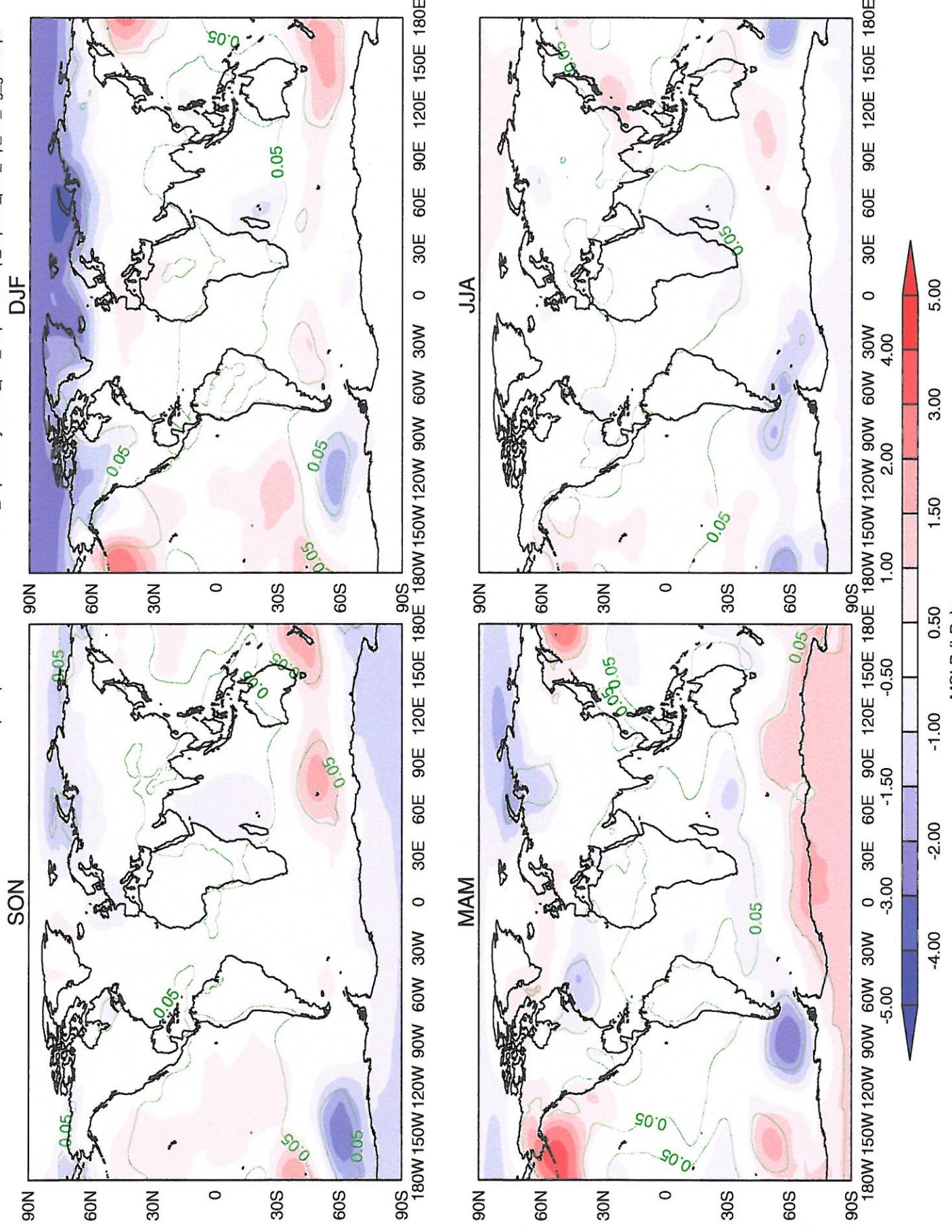
MSLP RESPONSE EXPT1 PERT .007-2011) - CTRL (1996-1995) (2E brs)

Wed Jan 30 13:51:36 2013
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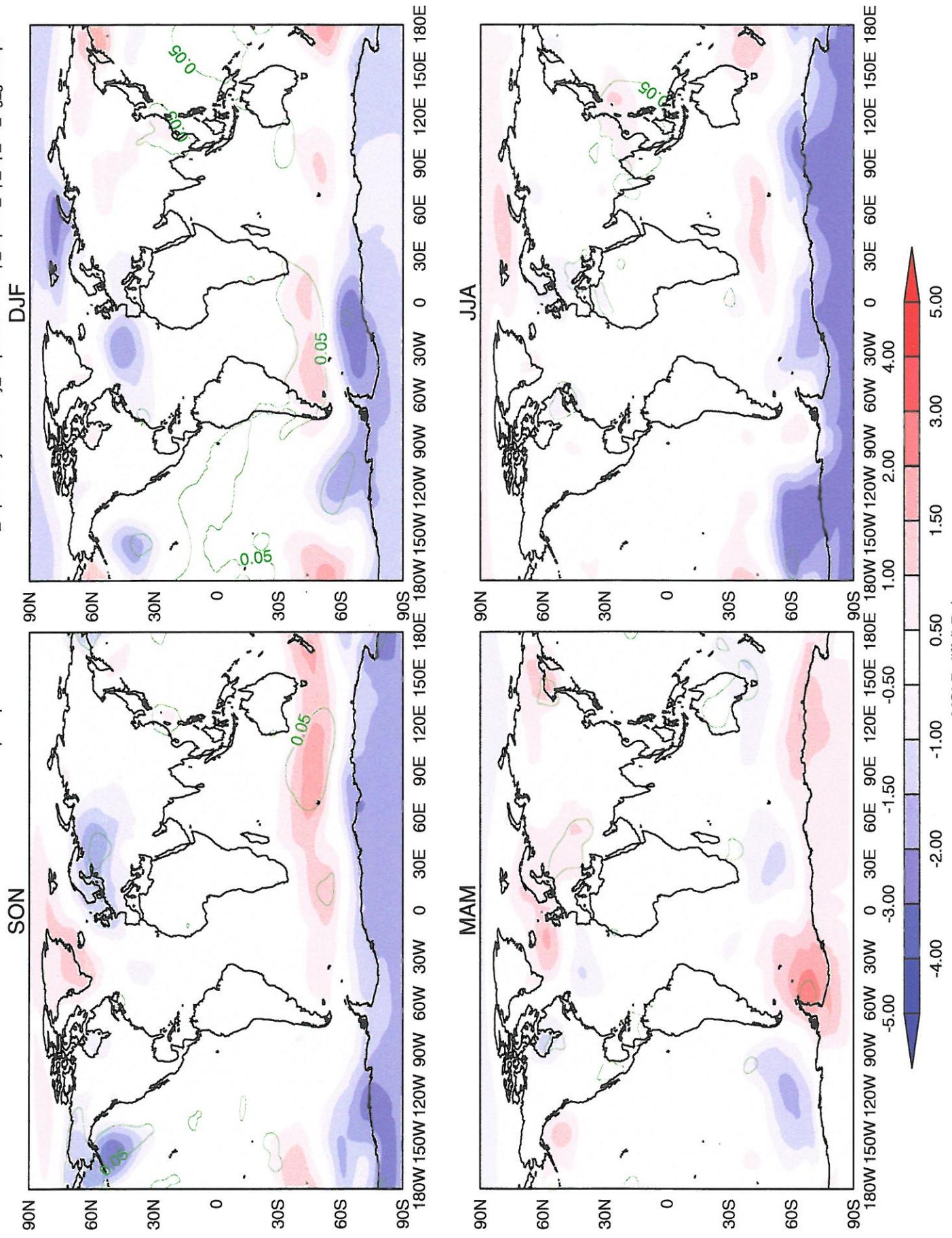
MSLPP SUPER ENSEMBLE RESF_NSE PERT (2007-2011) - CTRL (1_6-1995)

Wed Jan 30 15:05:35 2013
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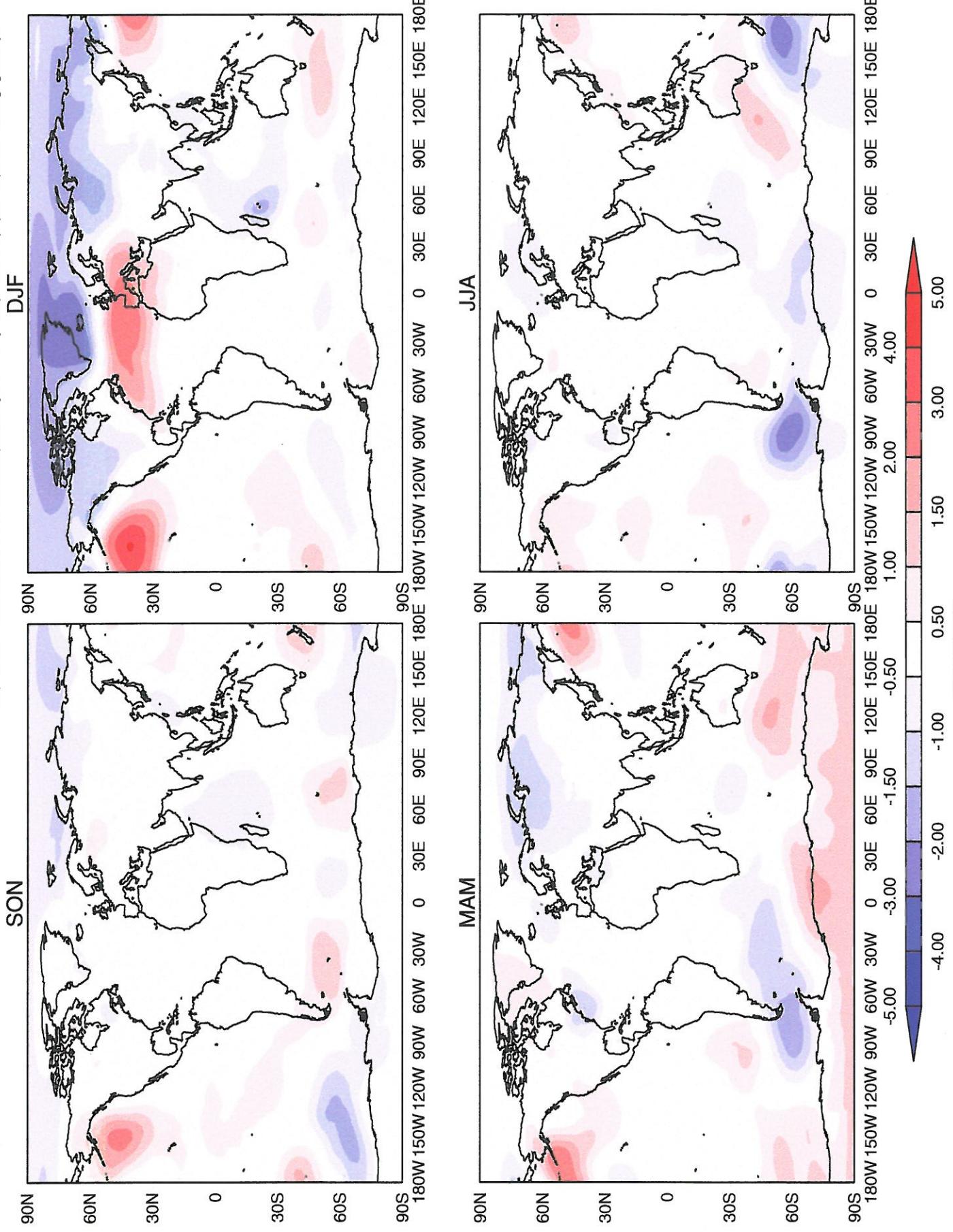
MSLP SUPER ENSEMBLE RESF_NSE IOP (2007-2011) - CTRL (1950-1995)

Wed Jan 30 16:08:31 2013
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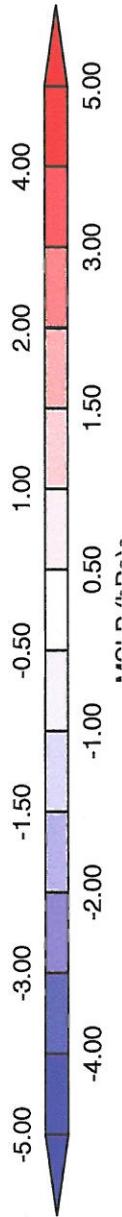
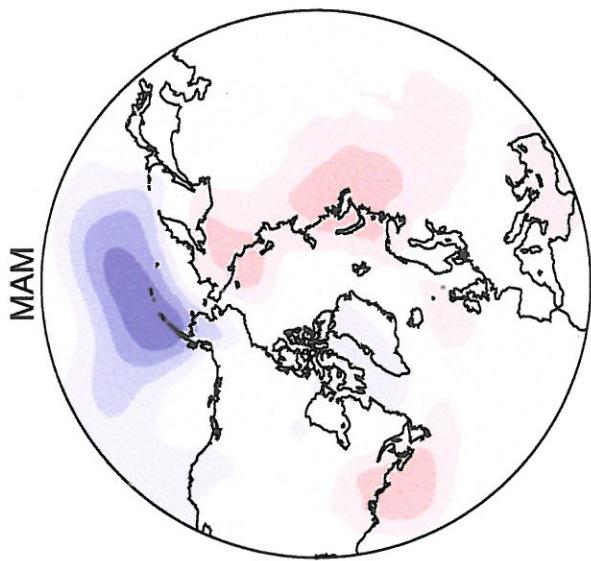
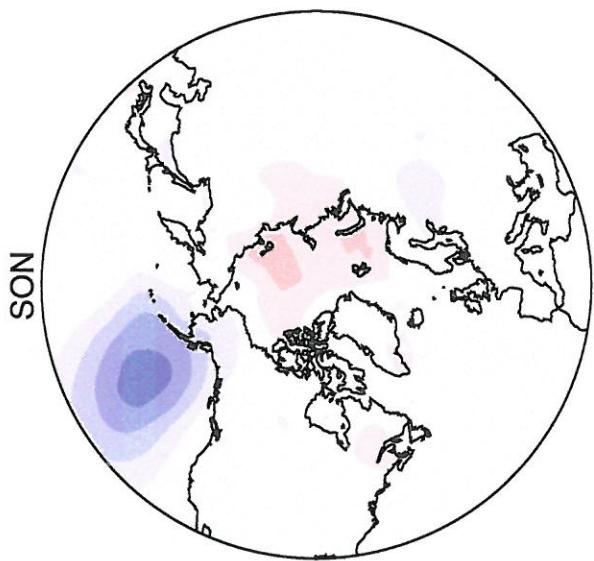
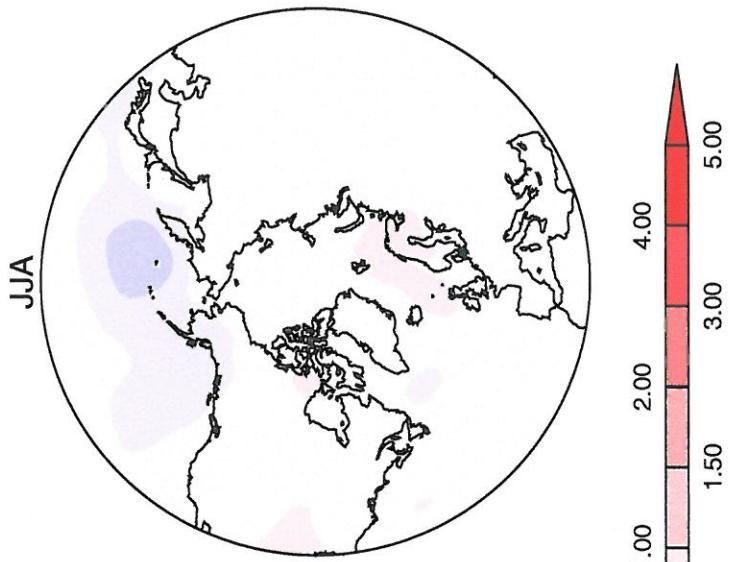
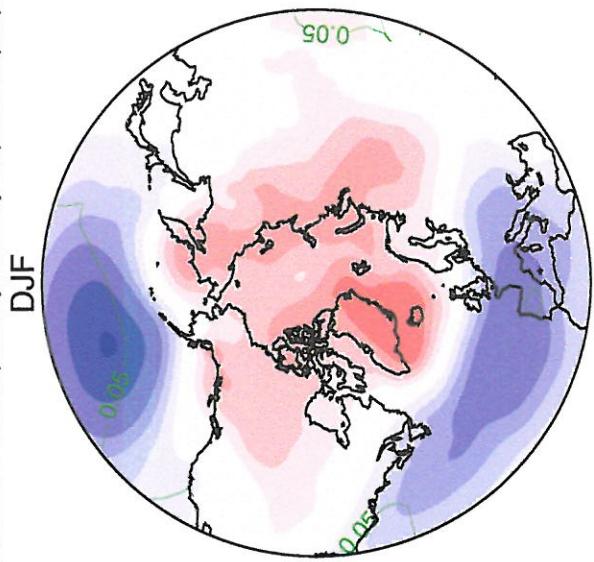
MSLP (PERT-CTRL) - (IOP-CTRL_{L_y})

Fri Feb 1 12:25:19 2013
/export/quince/data-06/wx019276/um_expts/analysis/iceonly_response/mslp_pert_iop_diff_fsc_sig_global.ps



MSLP (IOP-CTRL) - (PERT-CTRL)

Fri Feb 1 12:20:02 2013
/export/quince/data-06/wx019276/lum_expts/analysis/iceonly_response/mslp_iop_pert_diff_fsc_sig_polar.ps



MSLP (IOP-CTRL) - (PERT-CTRL),

Fri Feb 1 12:20:22 2013
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