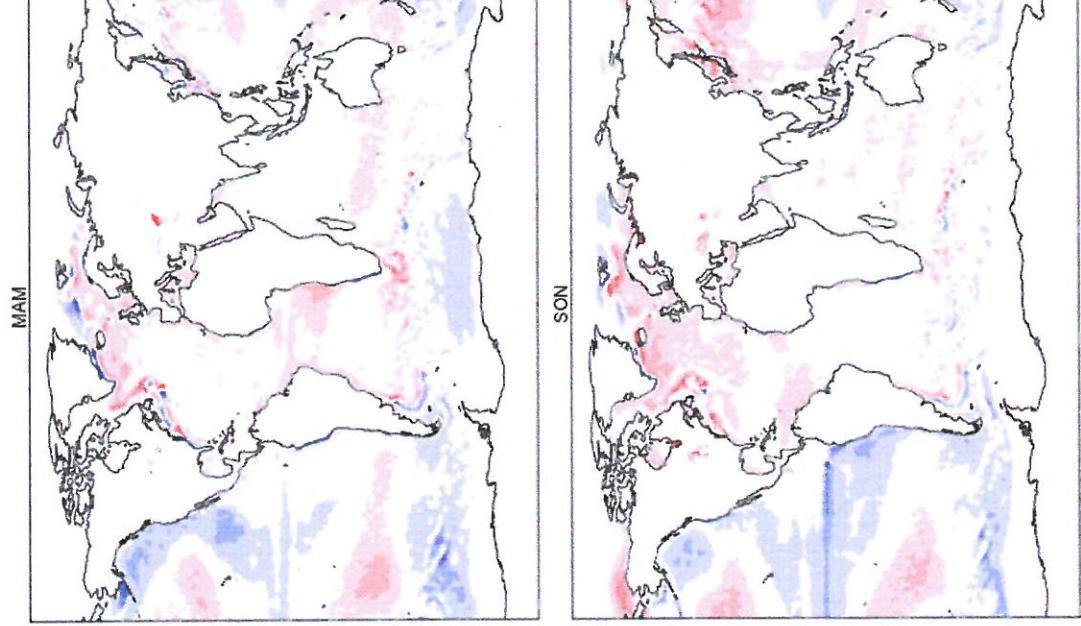
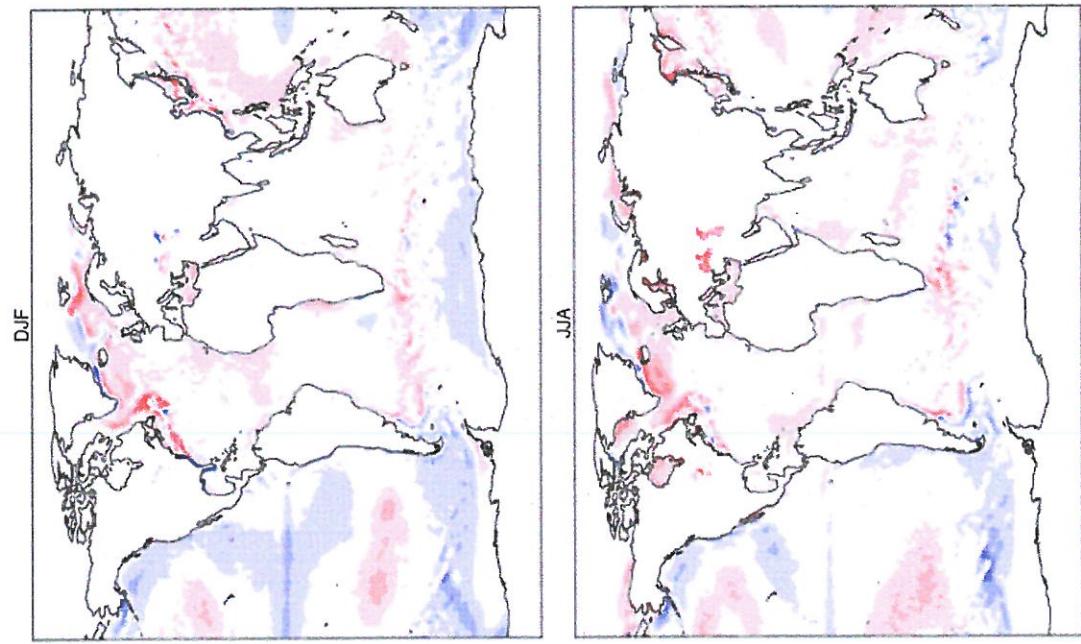


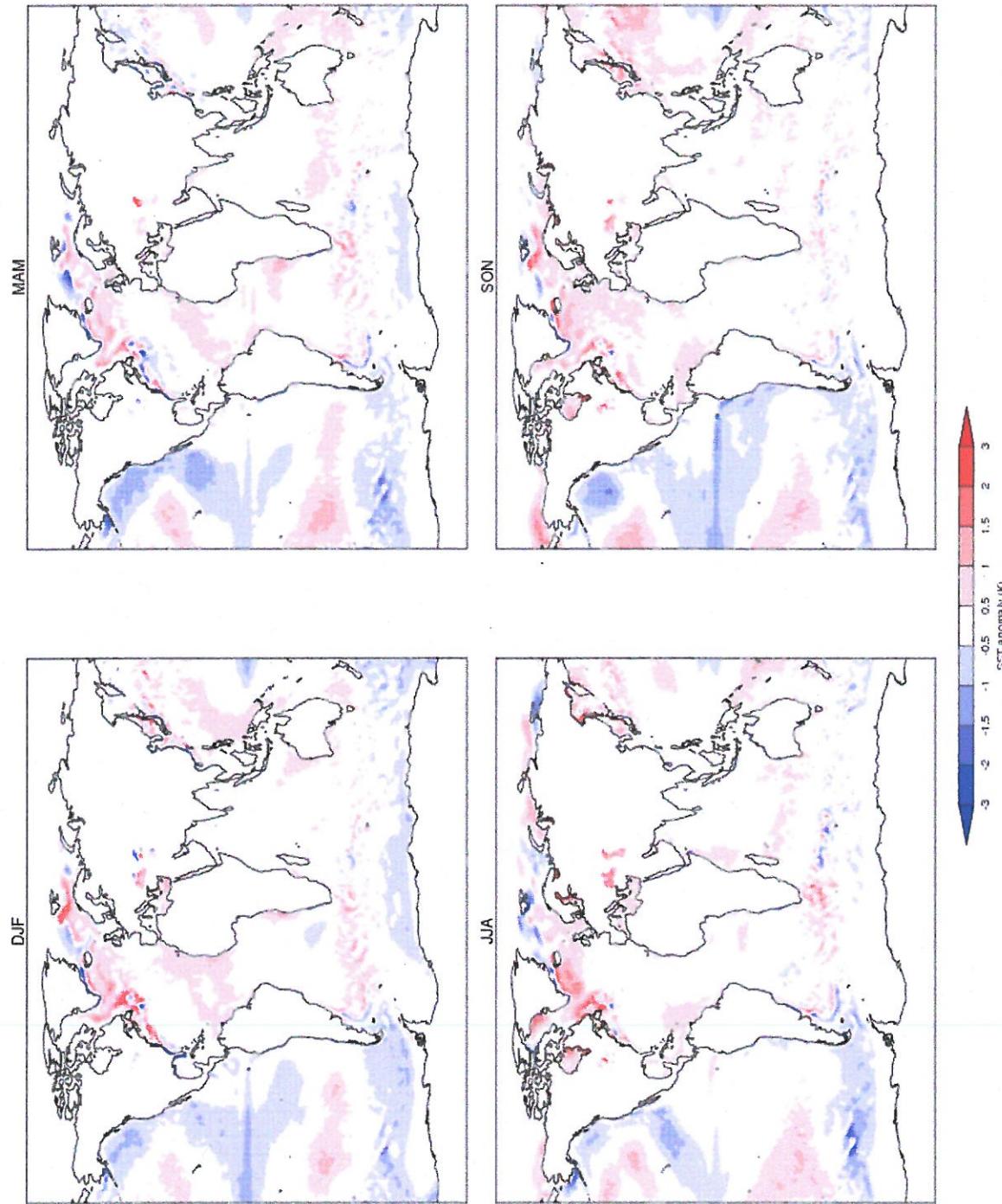
ERA1 2007-2011 seasonal SST anomalies relative to 1979 - 1994 average

Mon May 14 17:59:02 2012



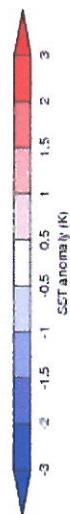
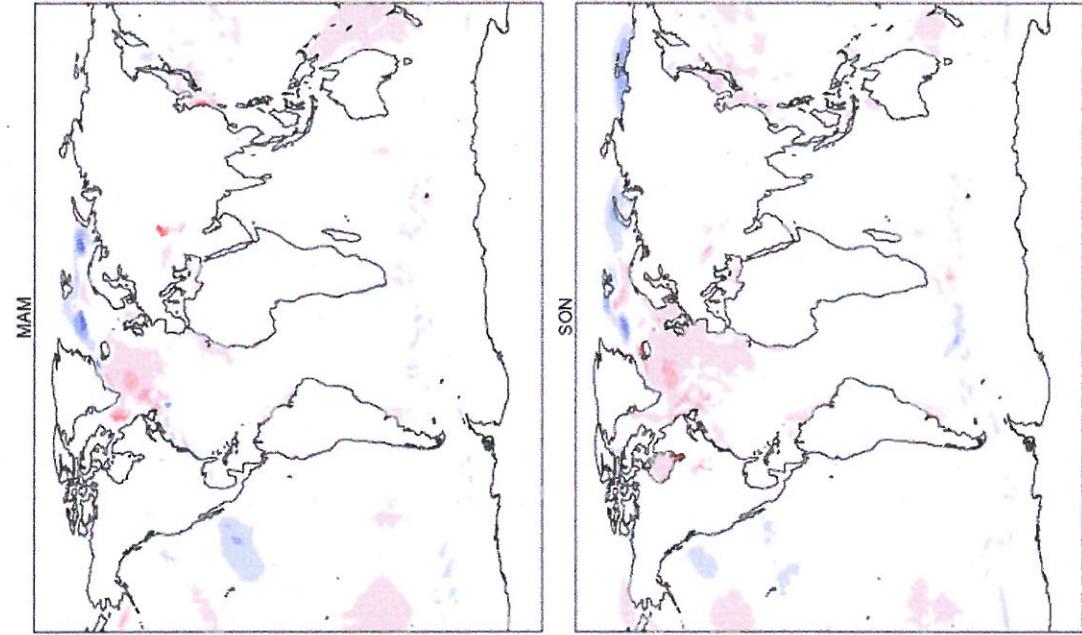
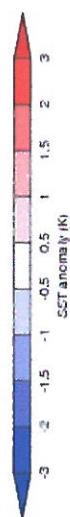
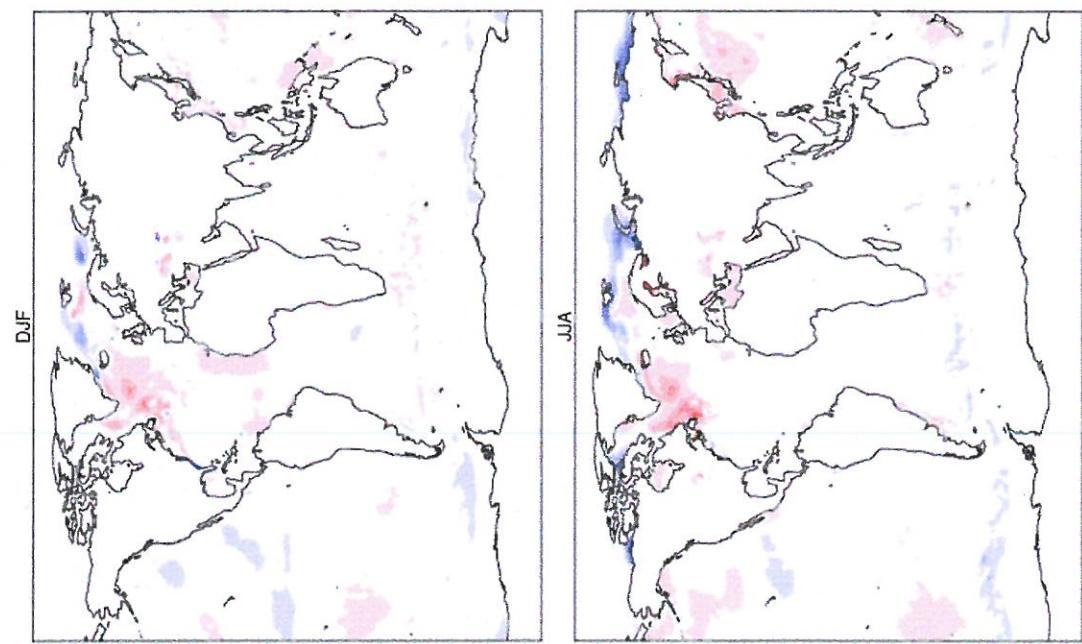
ERA1 2007-2011 seasonal SST anomalies relative to 1986 - 1994 average

Mon May 14 17:59:14 2012



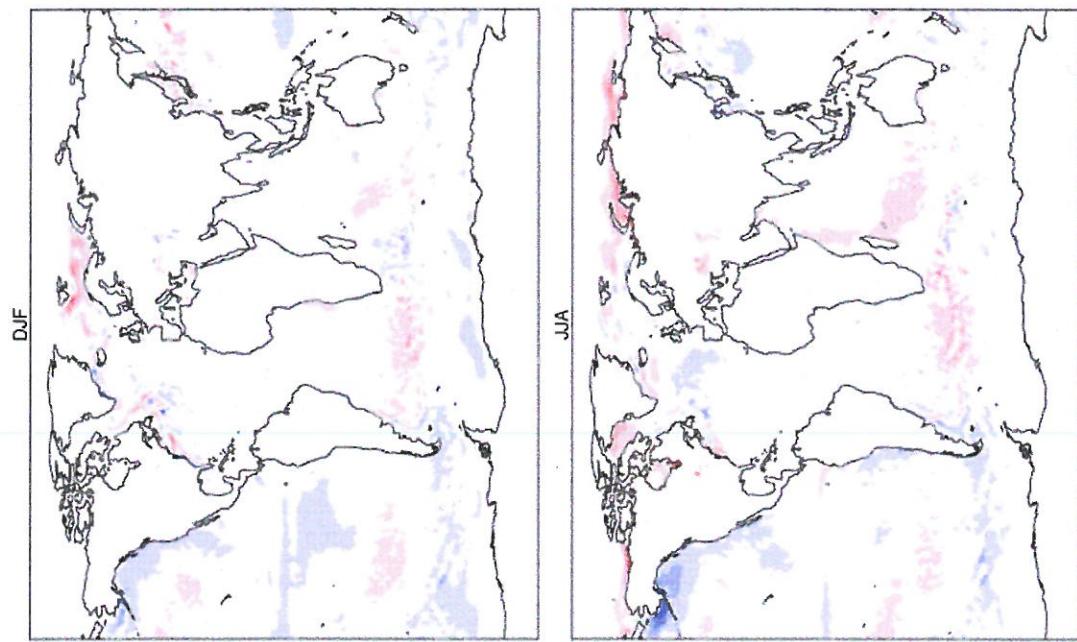
Difference between the 1996-2005 and the 1986-1994 seasonal SSTs

Mon May 14 17:59:25 2012

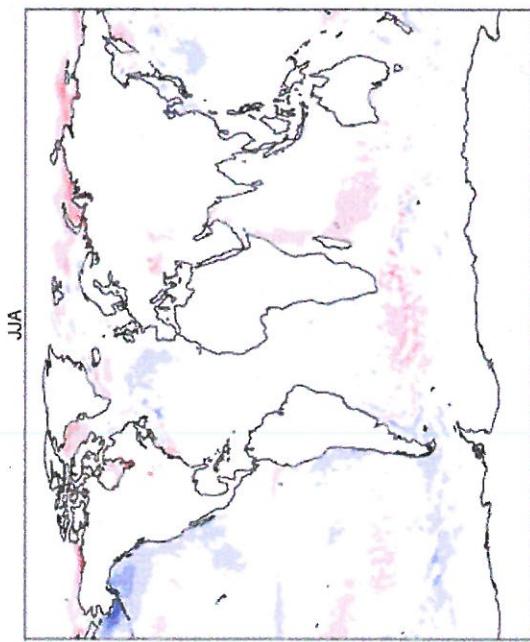


ERA1 2007-2011 seasonal SST anomalies relative to 1996 - 2005 average

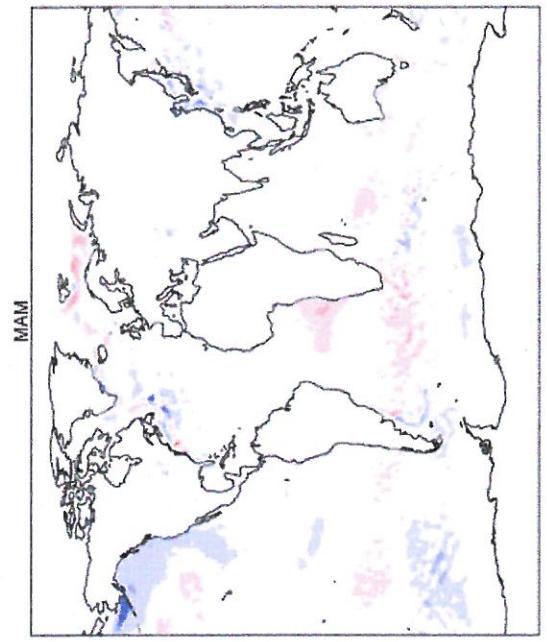
Mon May 14 17:59:20 2012



MAM



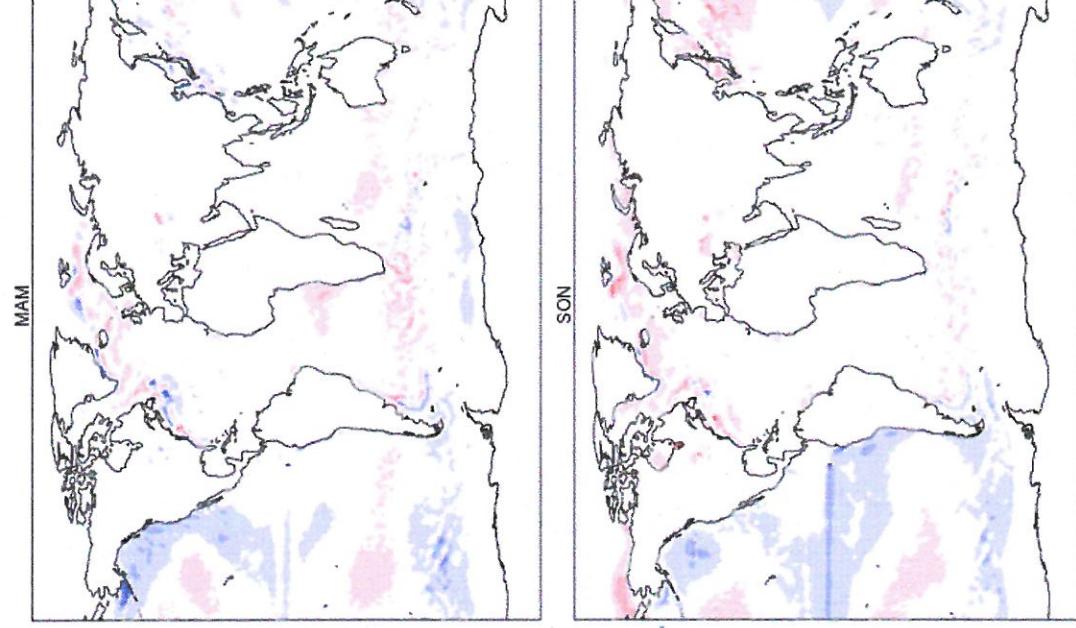
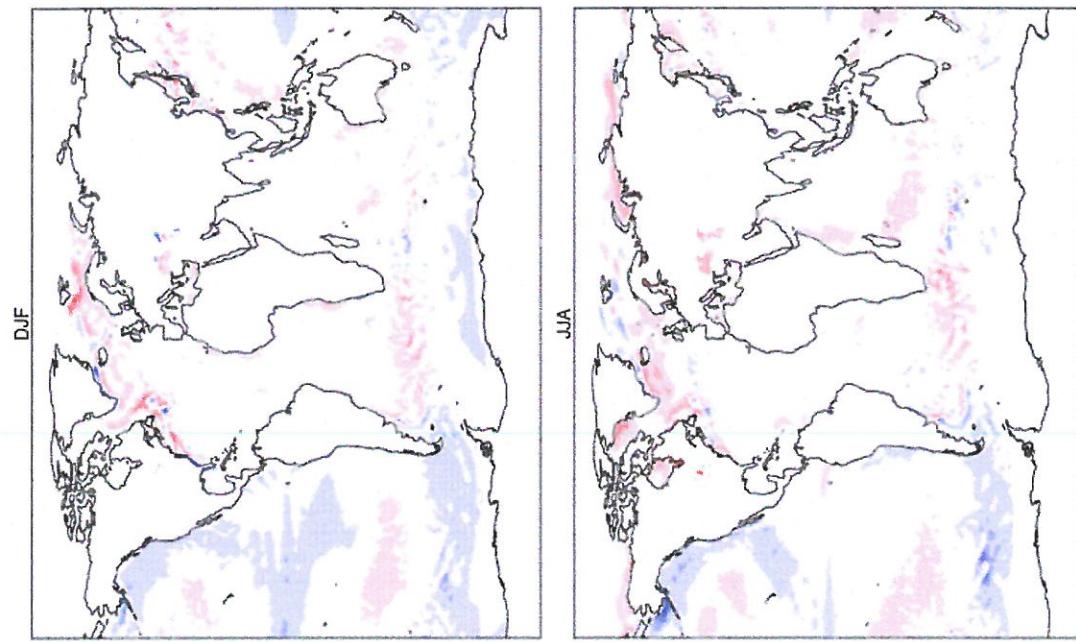
SON



DJF

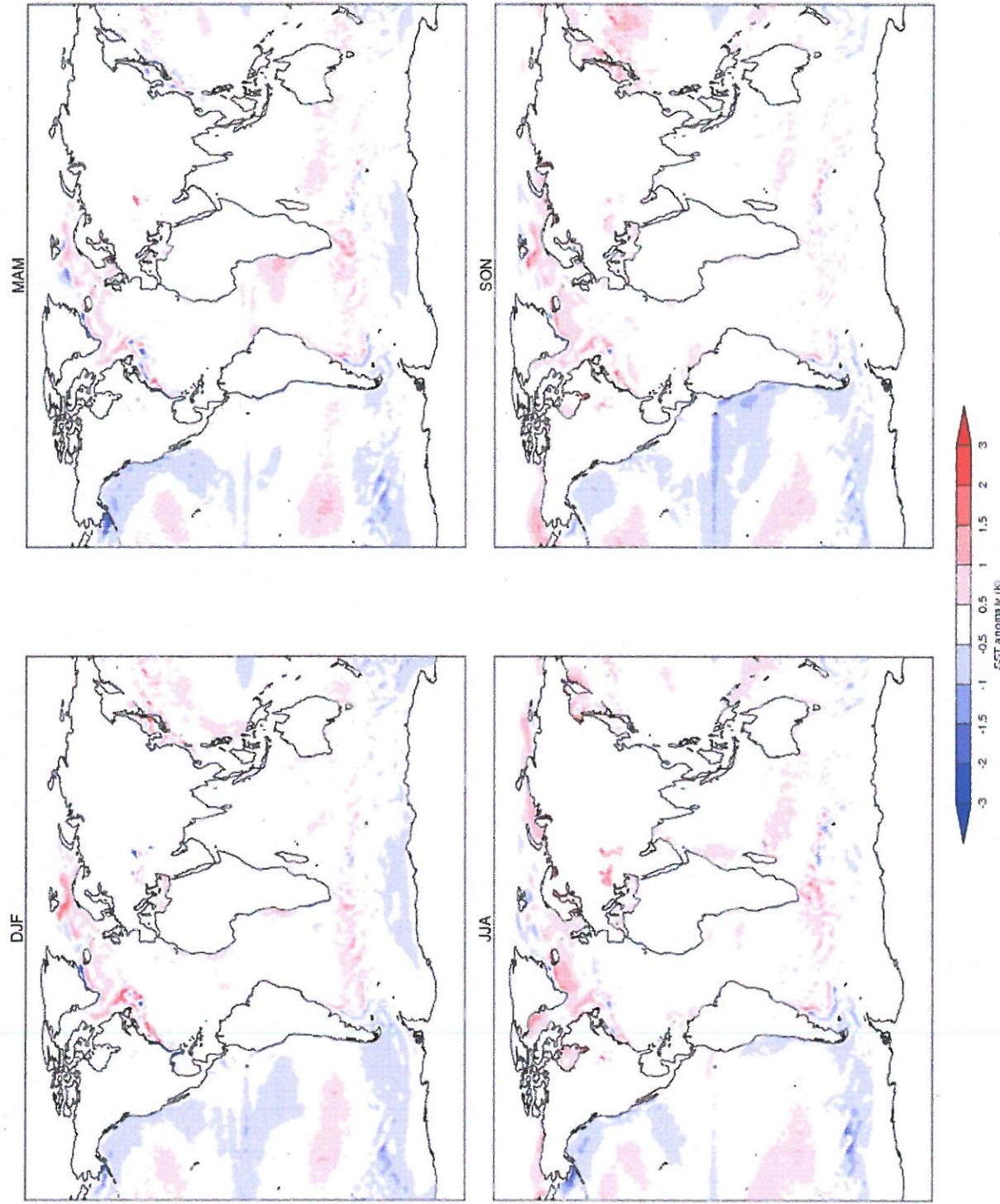
ERA1 2007-2011 seasonal SST anomalies relative to 1986 - 2005 average

Mon May 14 17:59:08 2012

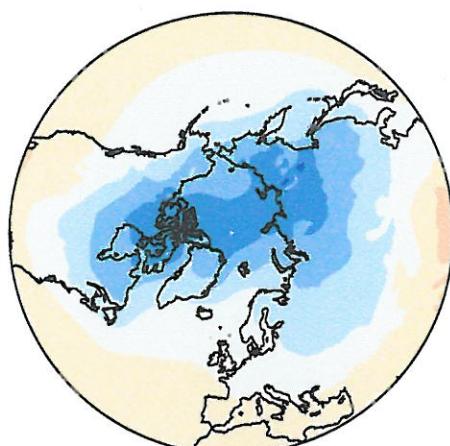


ERAI 2007-2011 seasonal SST anomalies relative to 1979 - 2005 average

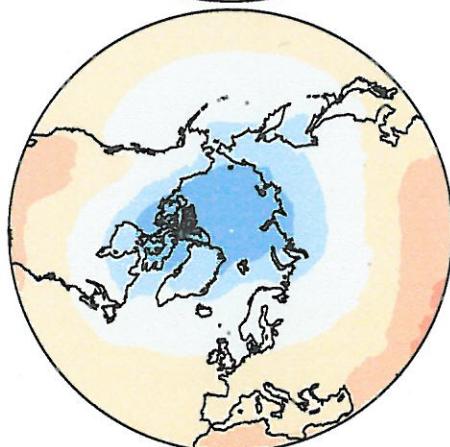
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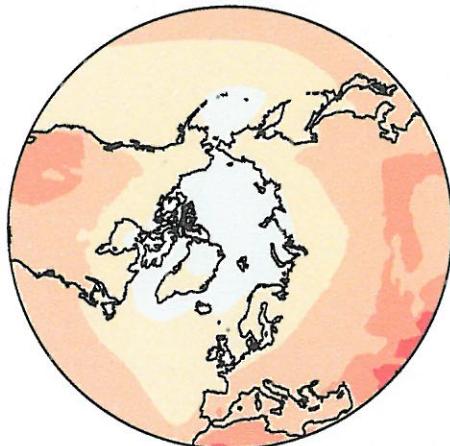
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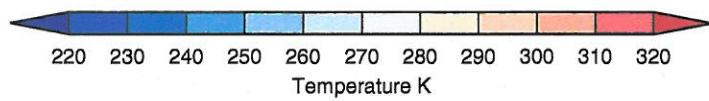
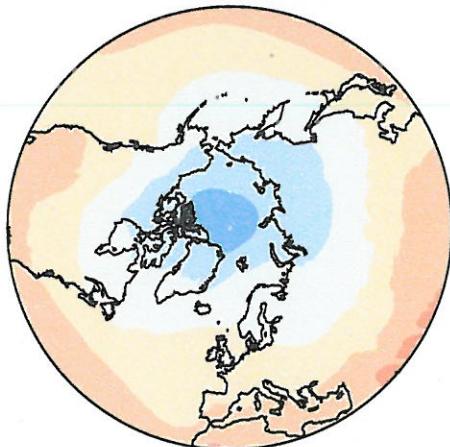
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JJA

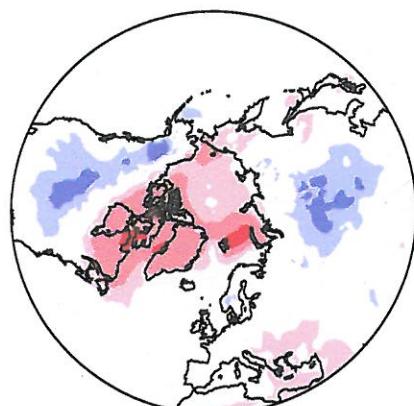
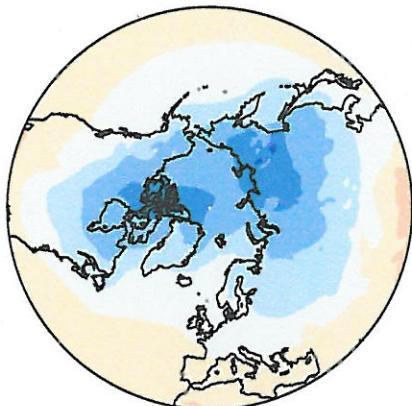


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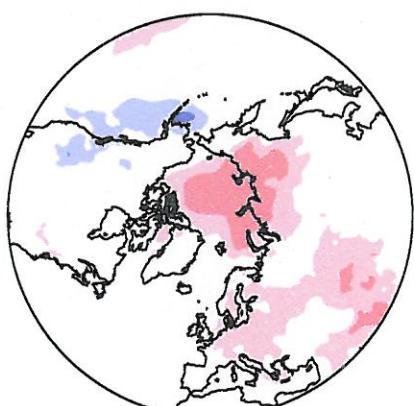
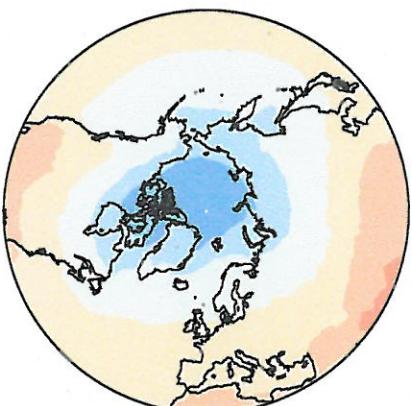


Temperature K

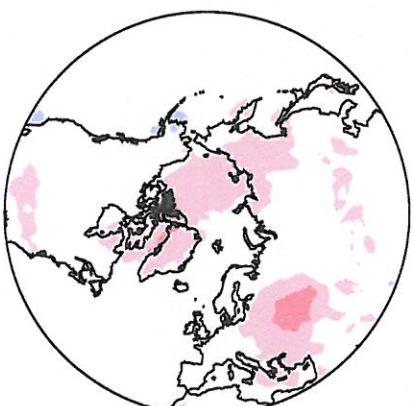
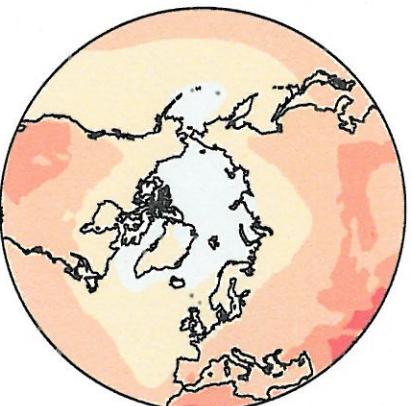
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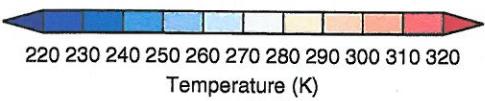
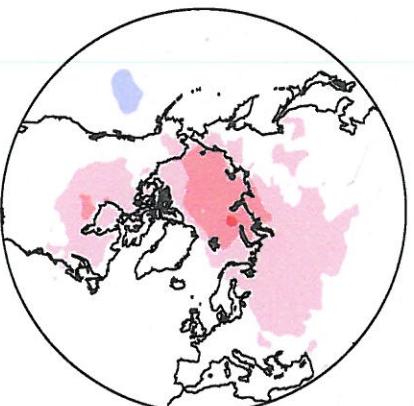
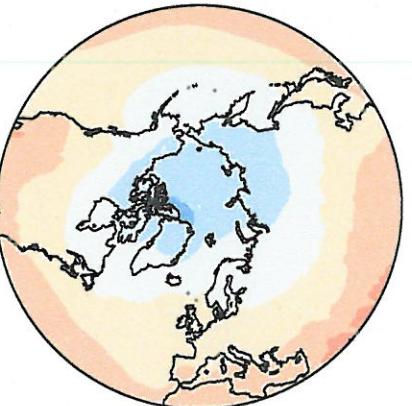
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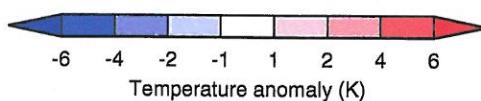
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SON

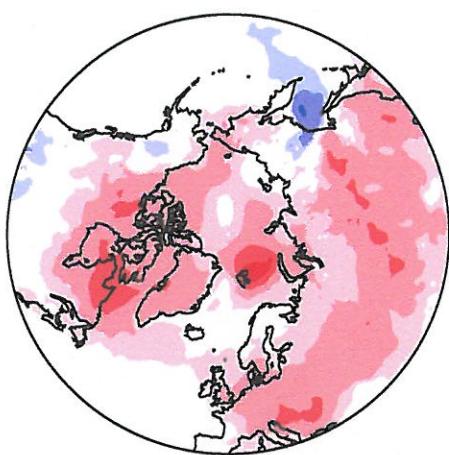


Temperature (K)

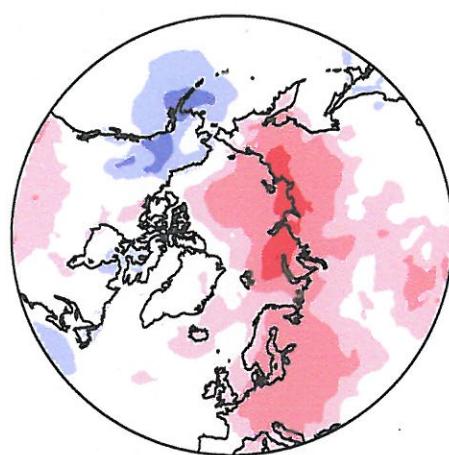


Temperature anomaly (K)

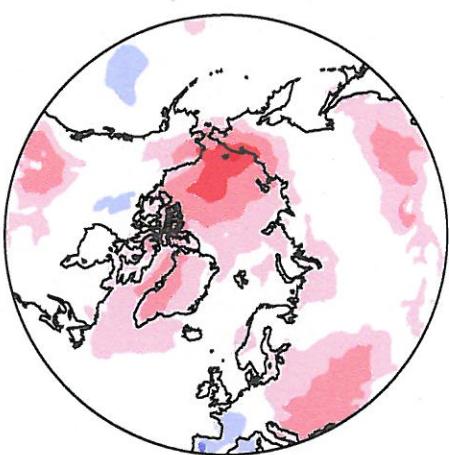
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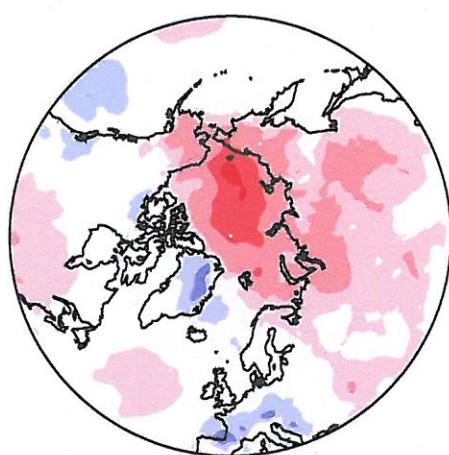
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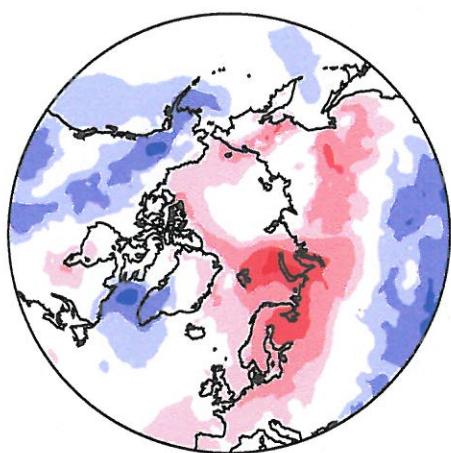
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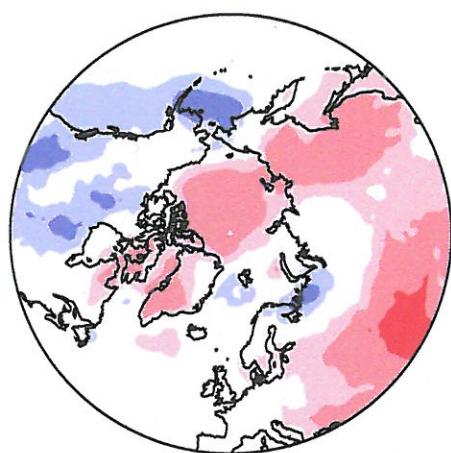
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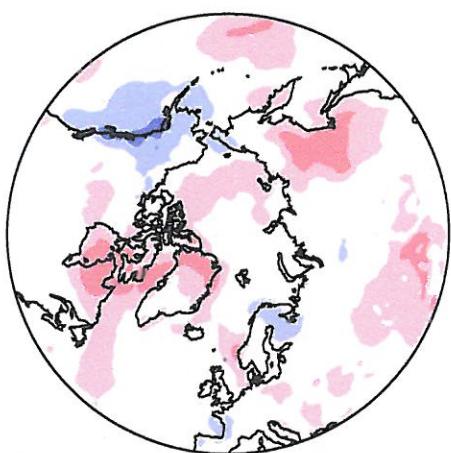
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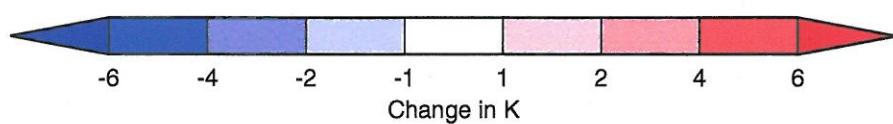
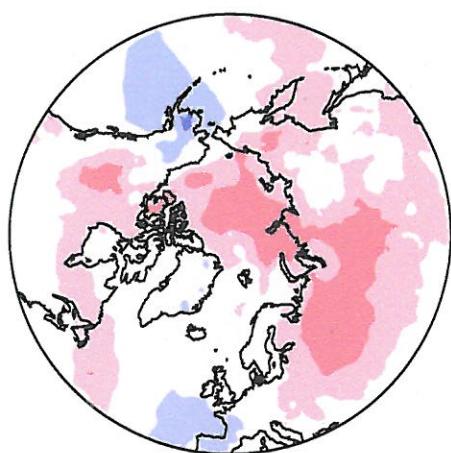
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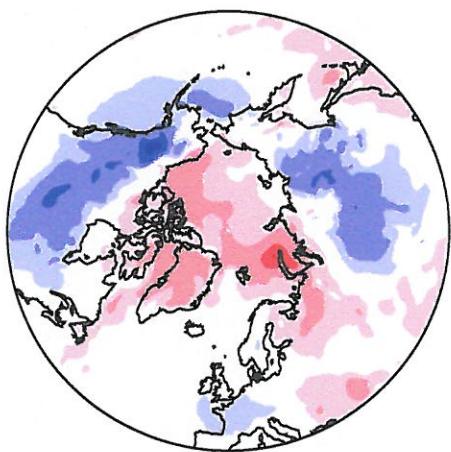
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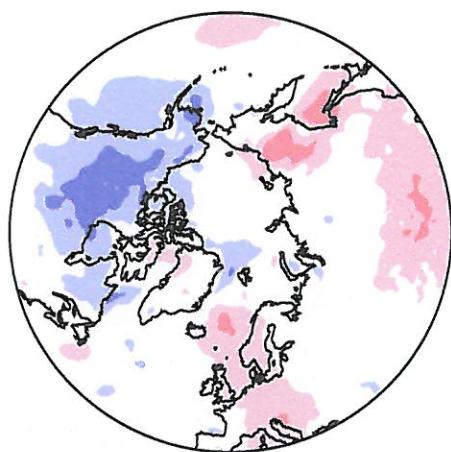
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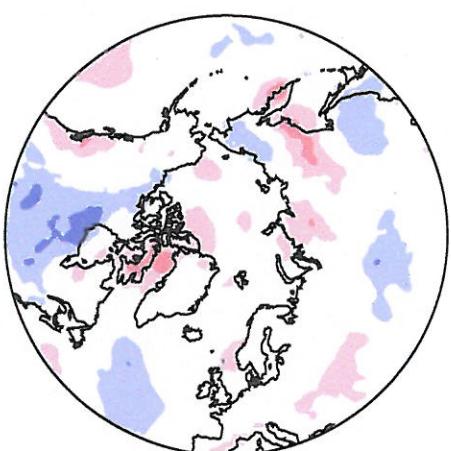
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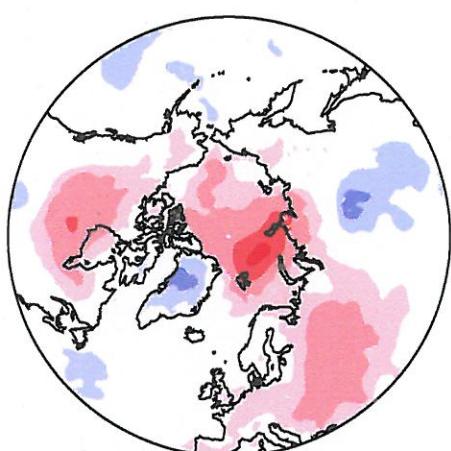
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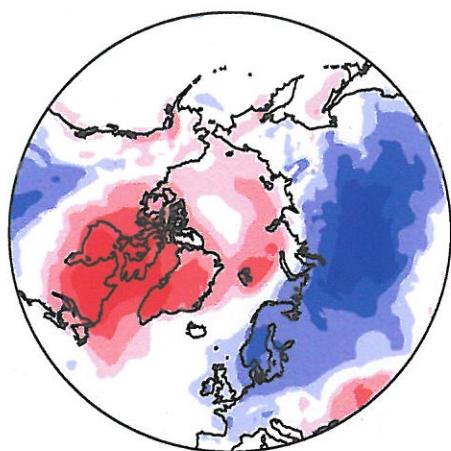
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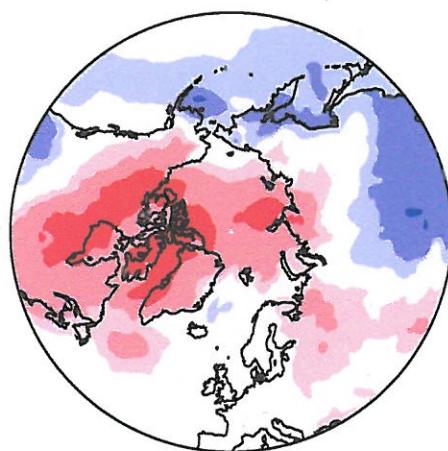
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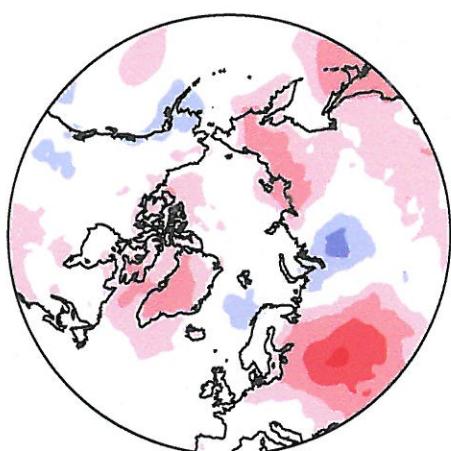
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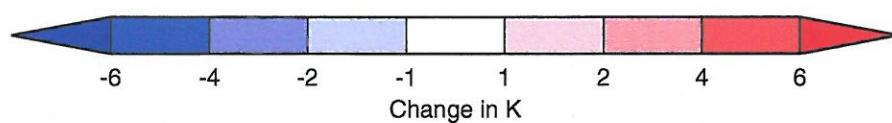
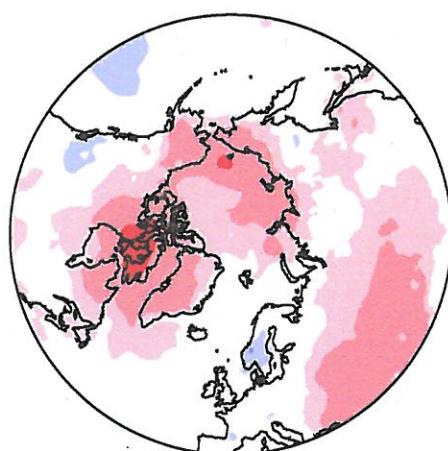
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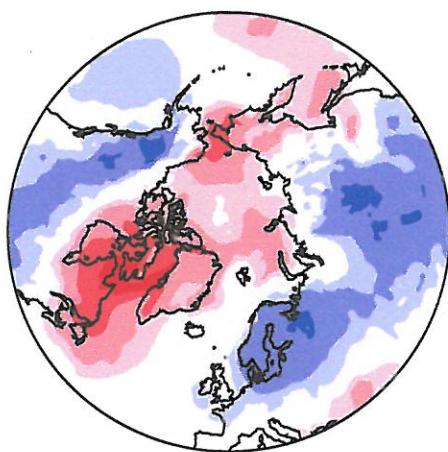


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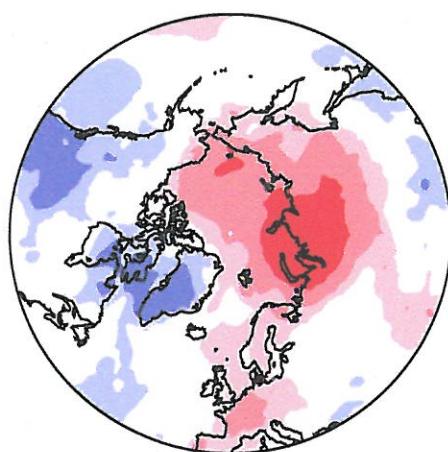


Change in K

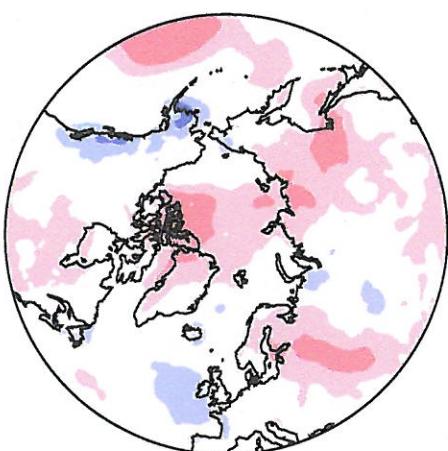
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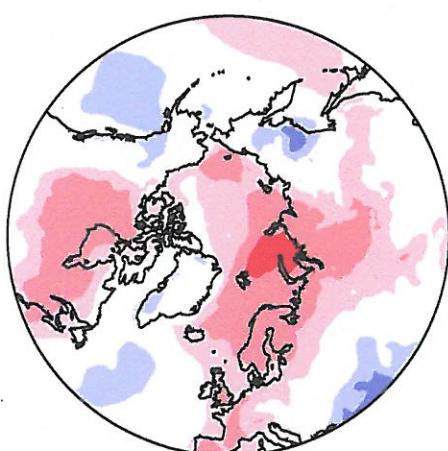
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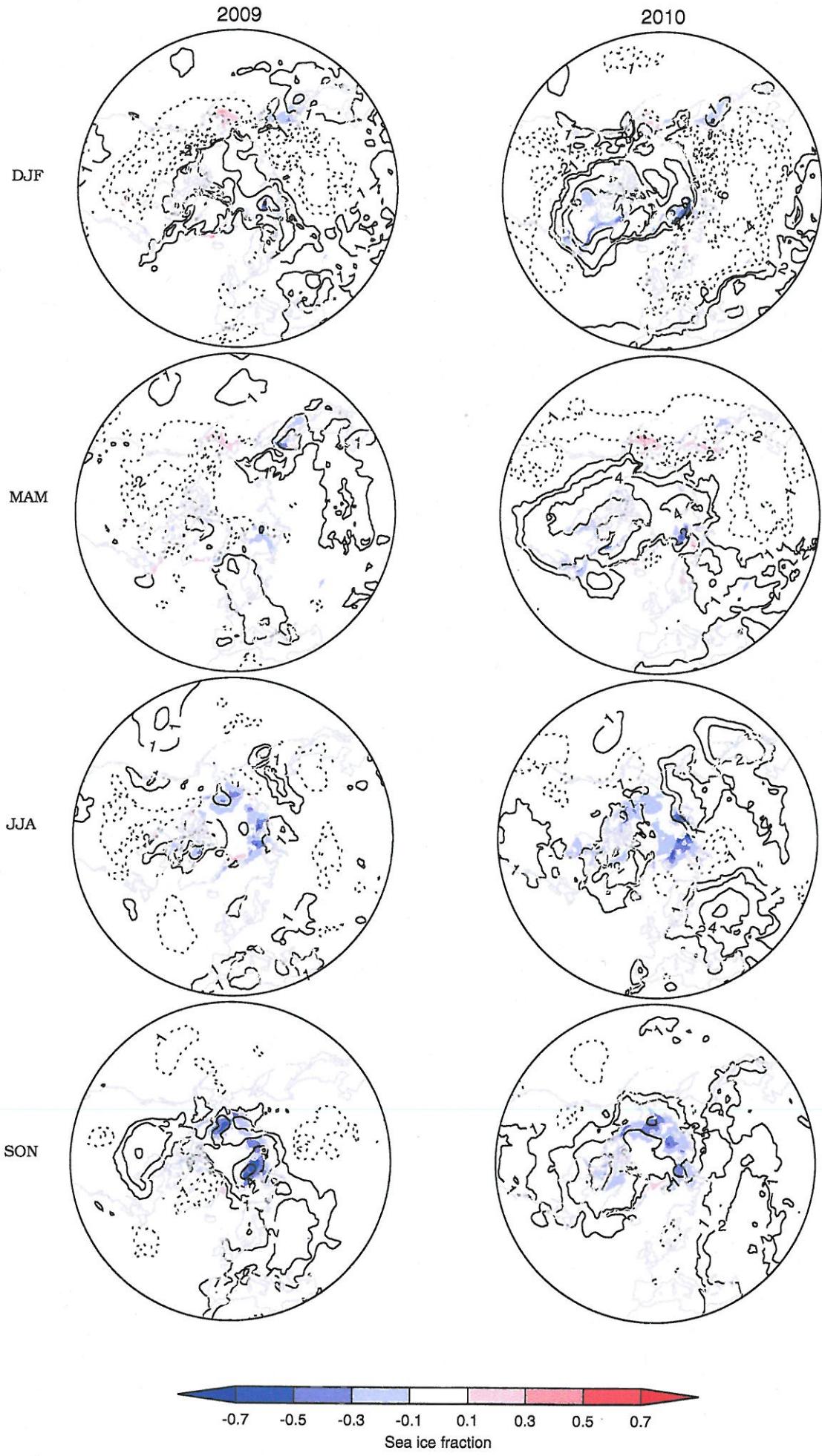


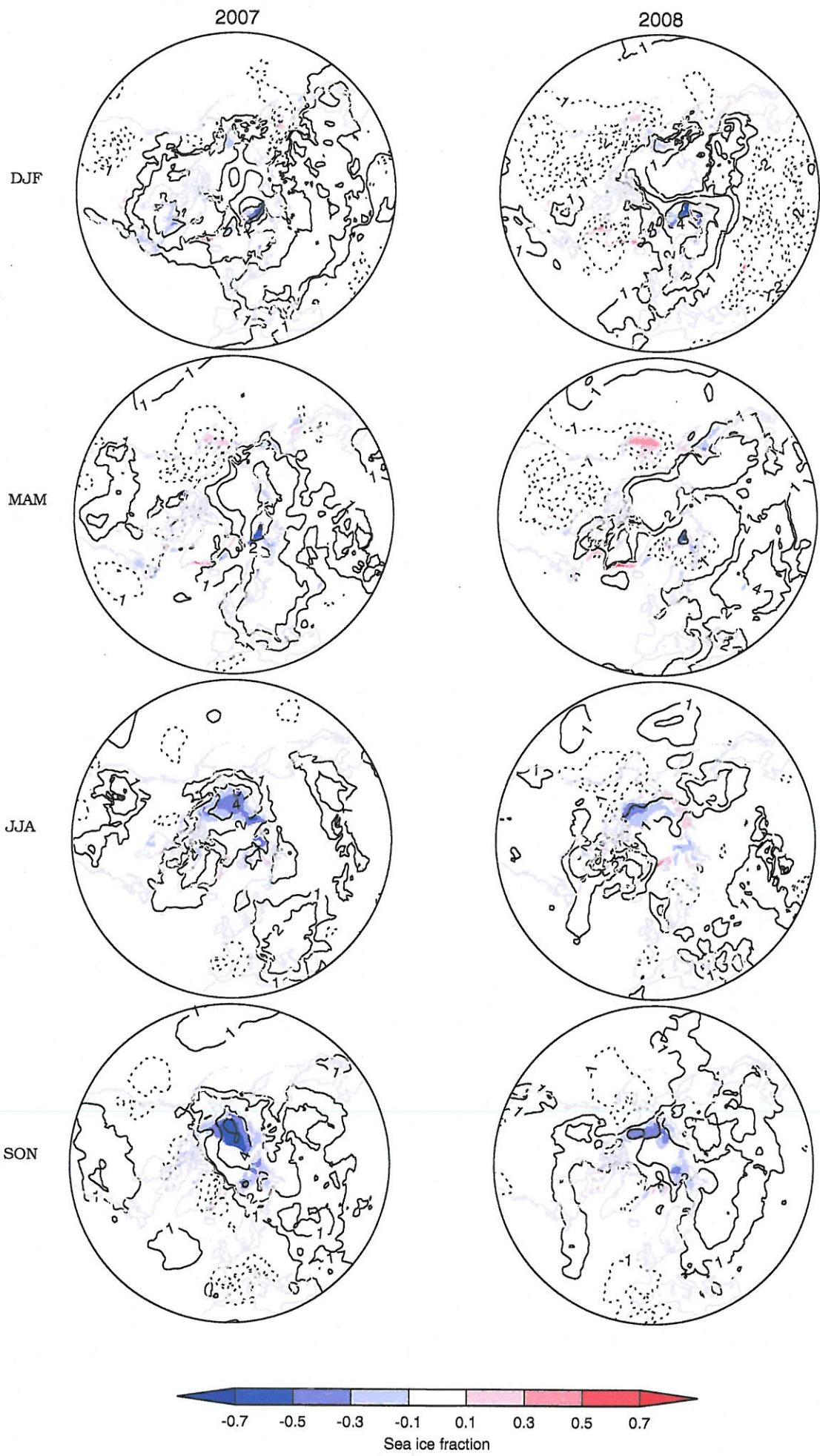
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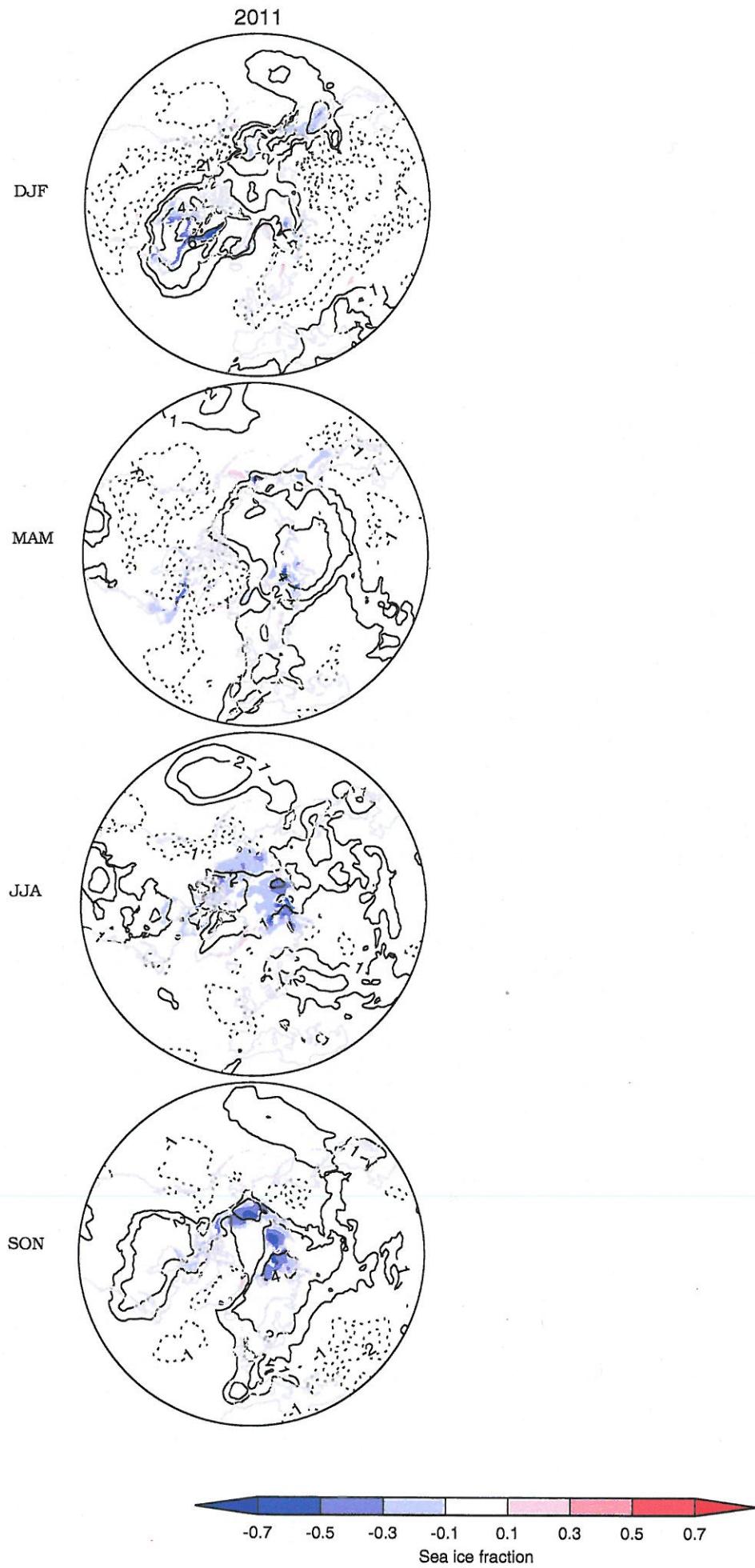


SON









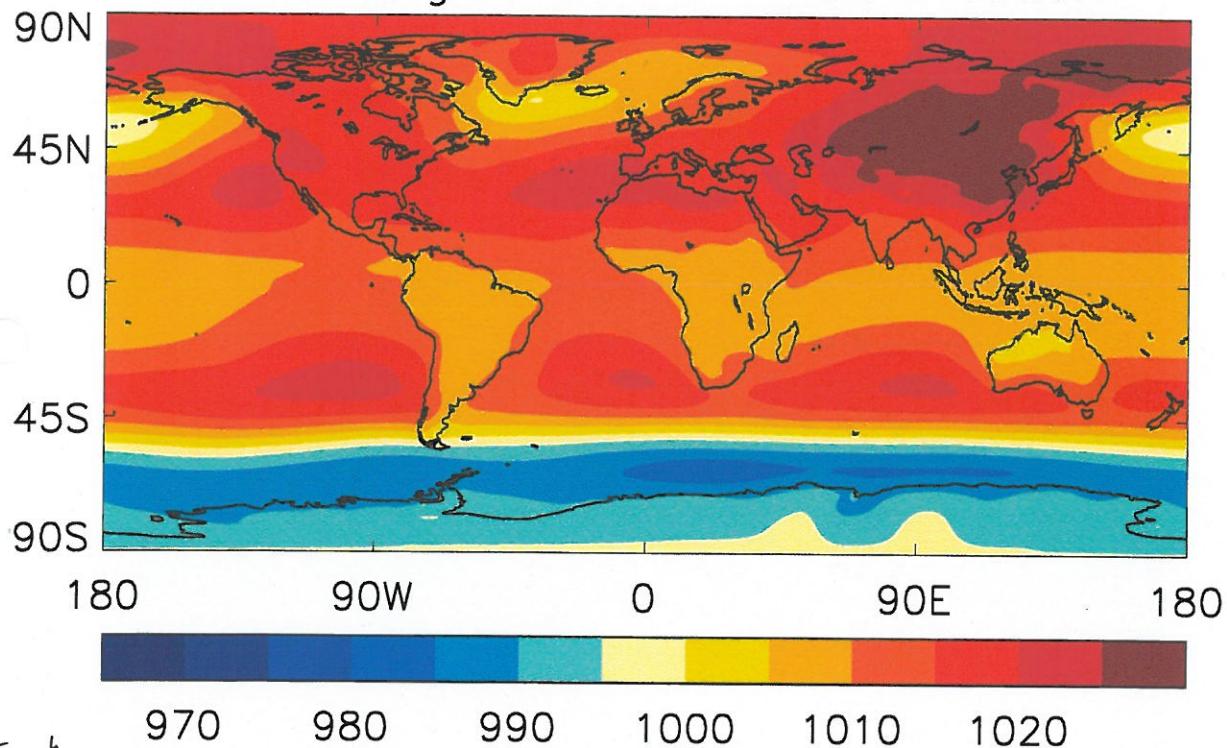
15 yrs extrapolated for trend  
preserve obs trend in total ice area.

fixed SST.

Repeat AMIP w/ the int. v.  
where ice is removed use 0°C not -1.8°

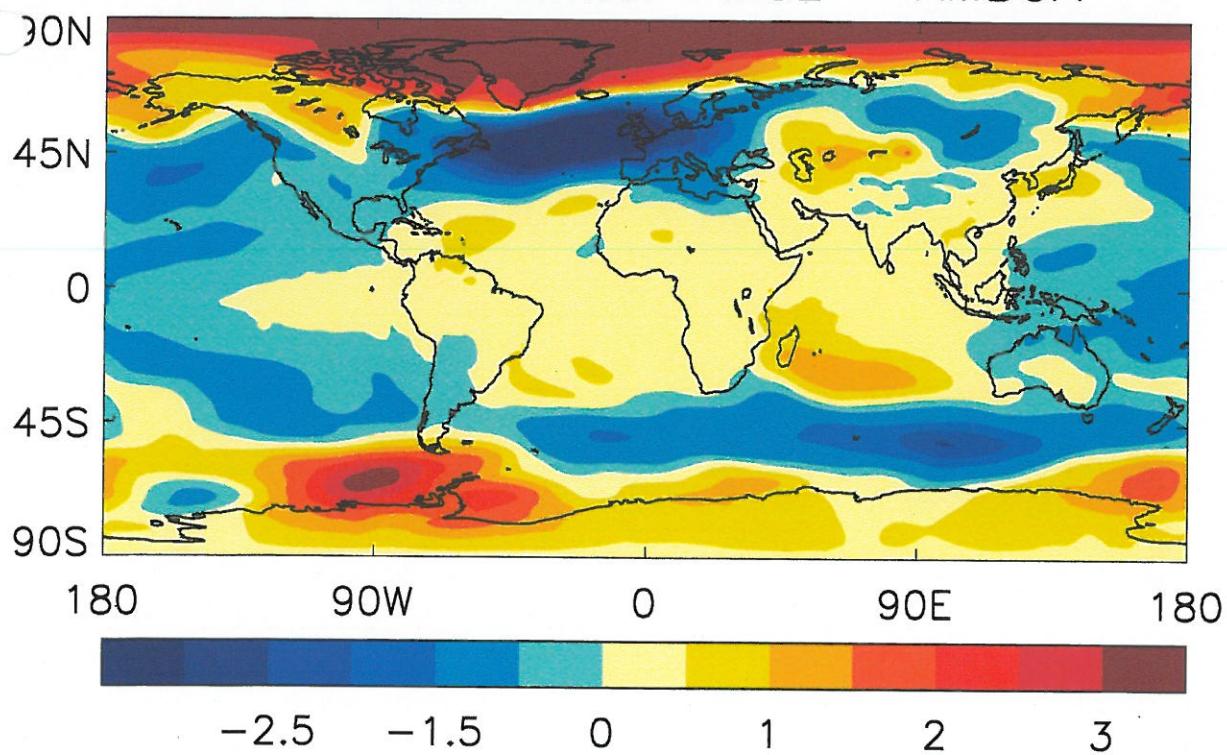
Syr mean of mid 2000s.  
uniform si melt.  
from edges.

Climatological Winter PMSL – AKKVI

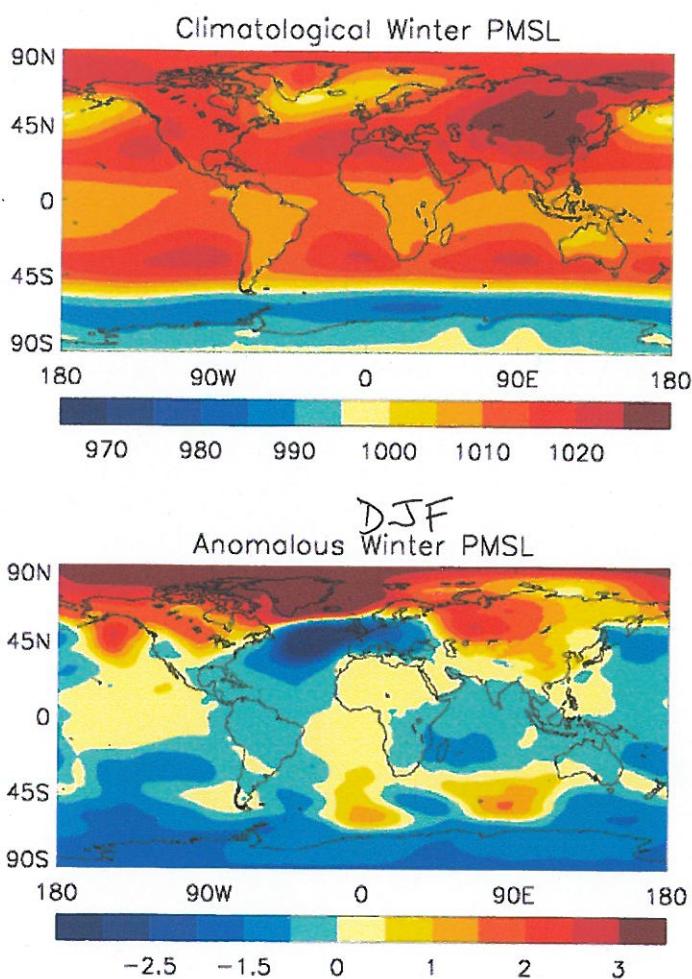


SST influence  
minimized  
now.

Anomalous Winter PMSL – AMBOA



11/11/0  
 recent period 2007 →  
 relative to  
 various decades.  
 (1980→)



(2007-2011) - (1979-2007).

4 events up to 2009.  
 (about 8 winters).  
 Formed by <sup>observed</sup> SST & sea ice.