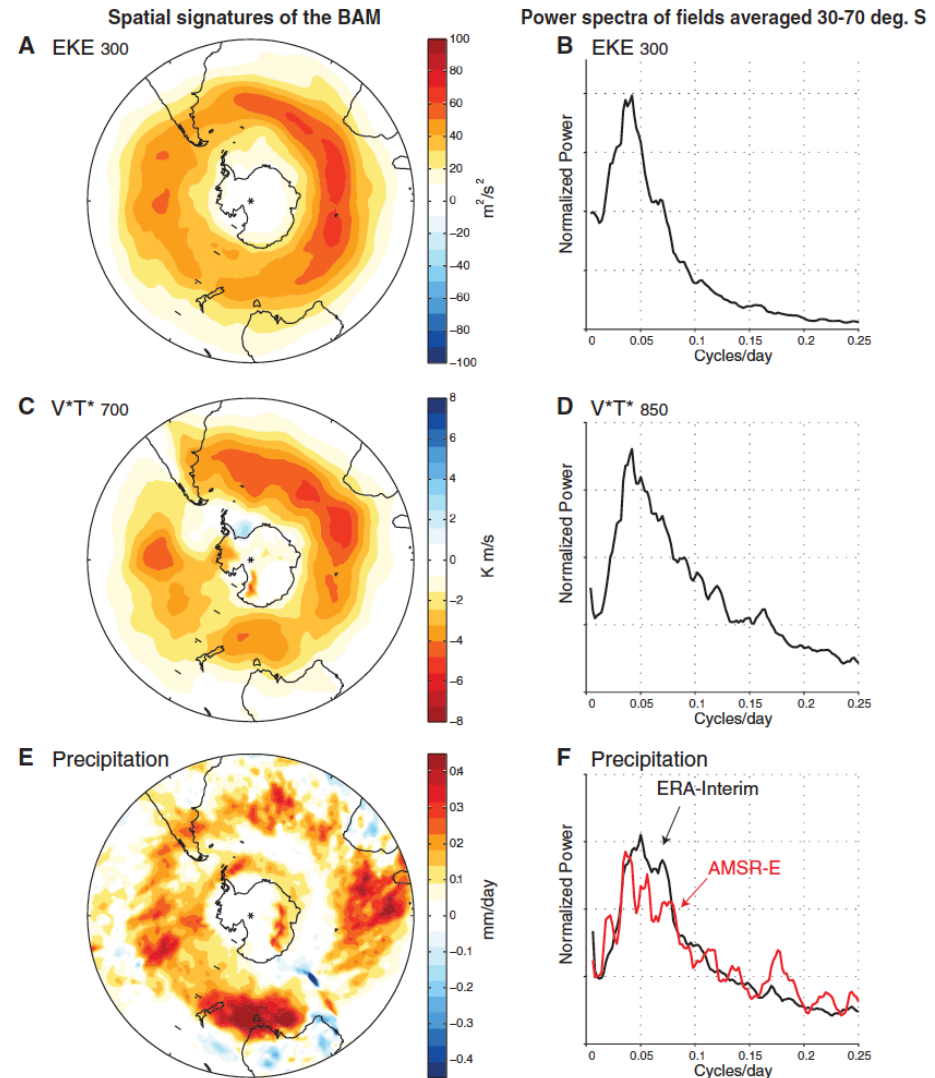


# Baroclinic Annular Mode (BAM)

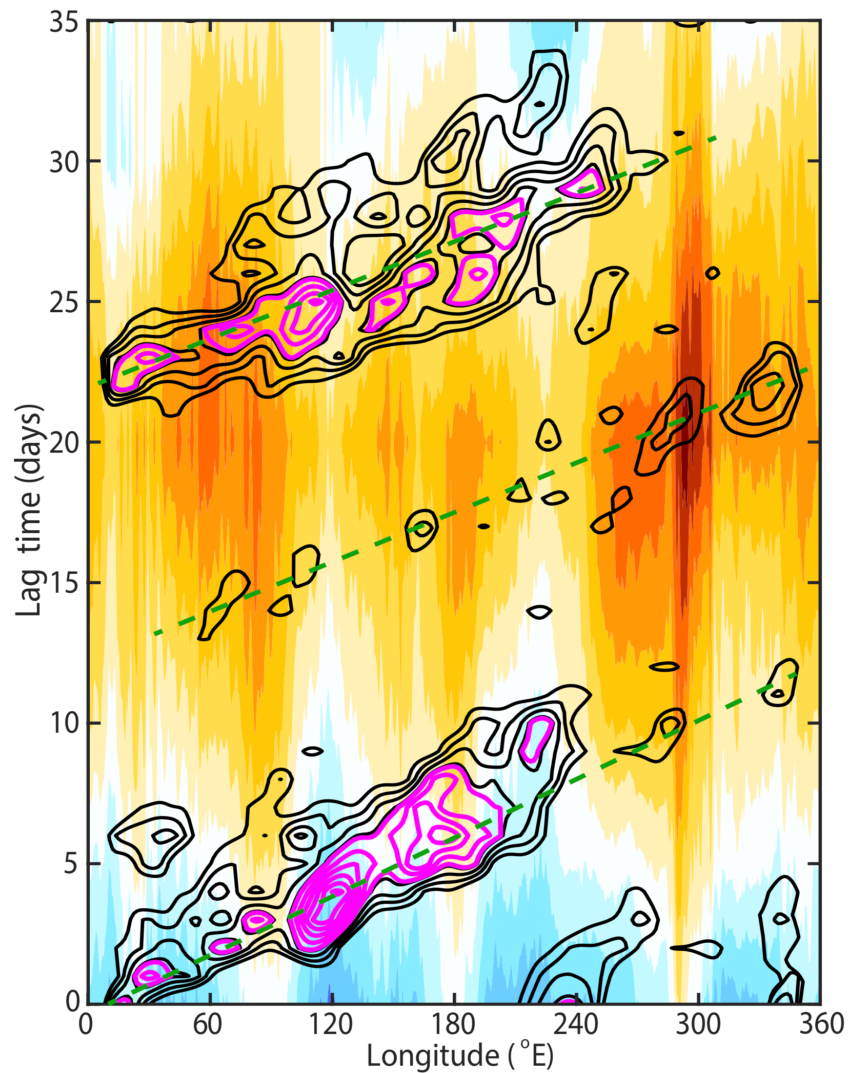
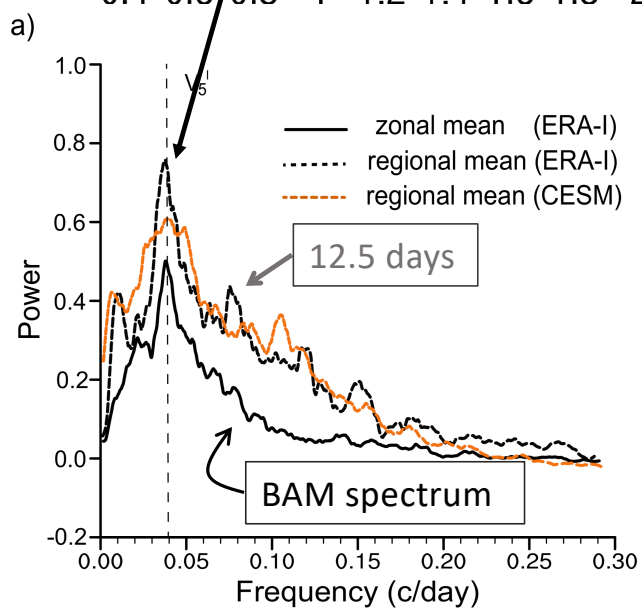
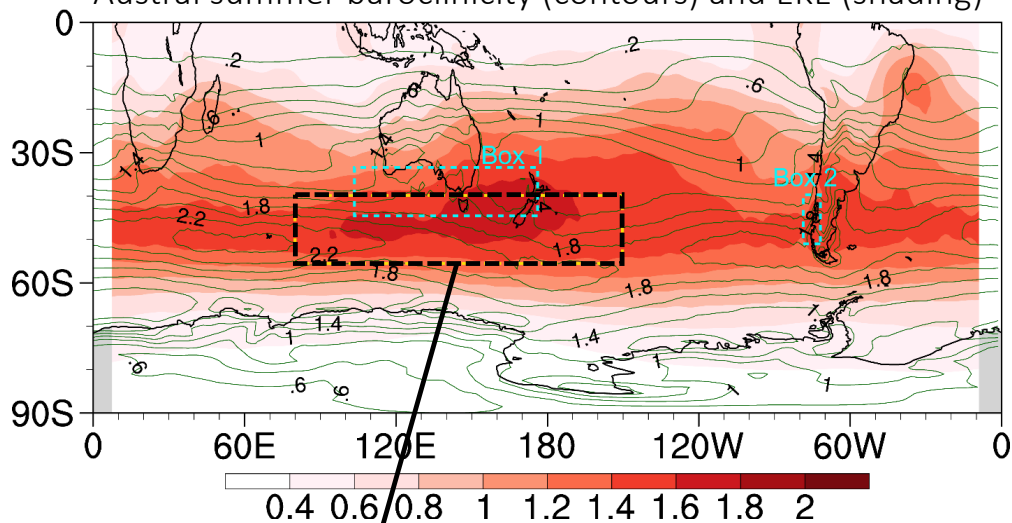
- Annularity in EKE, eddy heat flux, and precip.
- Coupling between  $v'T'$  and baroclinicity ( $-dT/dy$ )
- $v'T'$  drives EKE
- 25-day periodicity

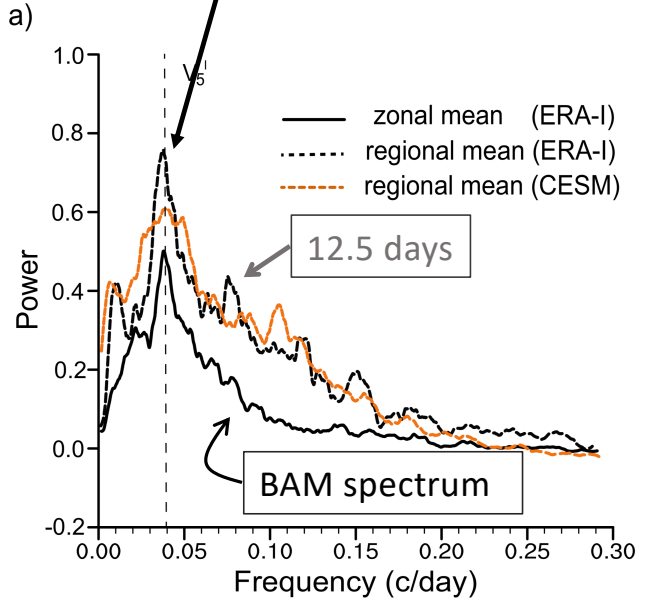
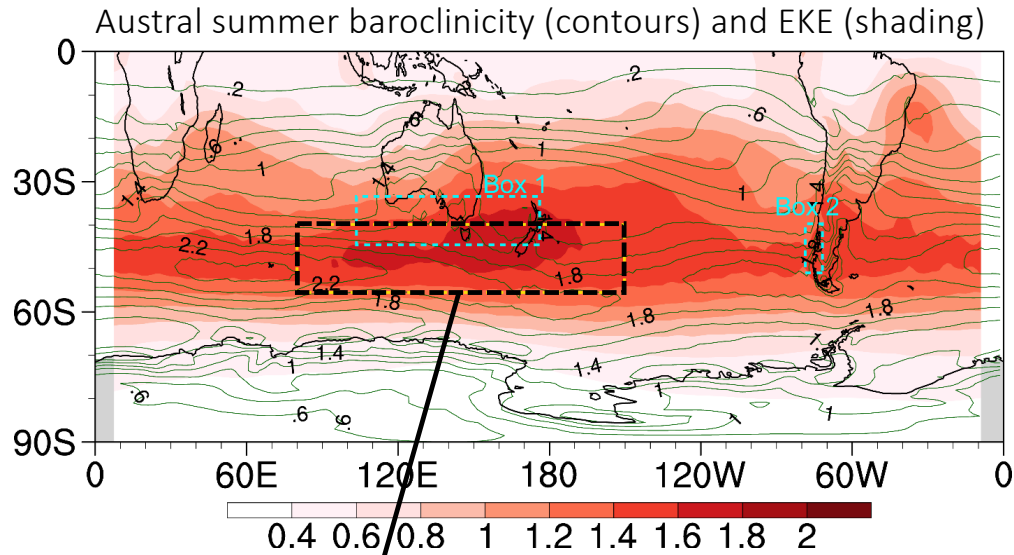
Thompson and Barnes (2014)

October 10, 2020



Austral summer baroclinicity (contours) and EKE (shading)





A delayed action oscillator  $\frac{dT}{dt} = -aT - bT(t - \tau) + \mathcal{N}$

