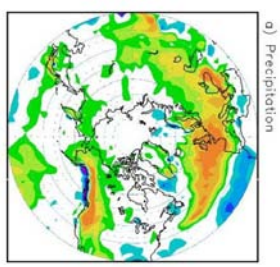
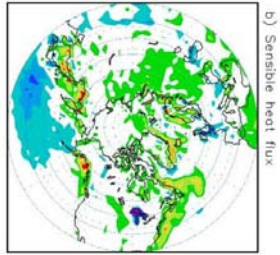


Northern Hemisphere Winter CAM3 Bias Analysis

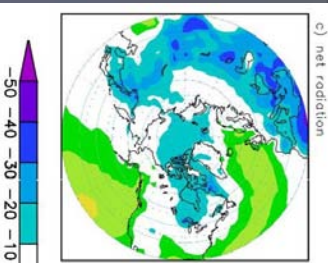
Bias of
P, Sfc SHF, R, Q[^]



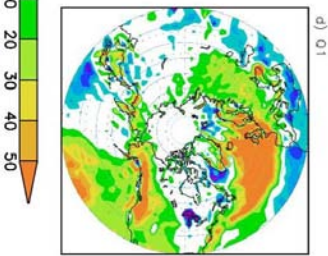
a) Precipitation



b) Sensible heat flux



c) net radiation



d) Q¹

1. NAST linked to Arctic bias
2. NAST bias, CAM3 has: much more P but much less $v'T'$, KE' & ζ'
3. NPST bias, CAM3 starts too weak then

ERA-40,
CAM3, Bias
entropy

