

## 0.1 Global mean budget

Left column shows global mean fluxes for 3 years from 2nd to 4th year of dcpam integration, and right column shows those by Trenberth et al. (2009).

PRCP	:	95.19233822522791 W m <sup>-2</sup> ,	80
EvapU	:	95.24215555908214 W m <sup>-2</sup> ,	80
SensA	:	15.96916642373388 W m <sup>-2</sup> ,	17
SLRA	:	59.573753682349185 W m <sup>-2</sup> ,	63
SSRA	:	-186.29116704462555 W m <sup>-2</sup> ,	-161
OLRA	:	227.8367398850641 W m <sup>-2</sup> ,	239
OSRA	:	-245.5456200798049 W m <sup>-2</sup> ,	-239
Heating:		2.2027888154315747 W m <sup>-2</sup>	
Water	:	4.694281351581486e-09 kg m <sup>-2</sup> s <sup>-1</sup>	

## 0.2 Figures

Calculation results are average for 3 years from 2nd to 4th year of dcnam integration.

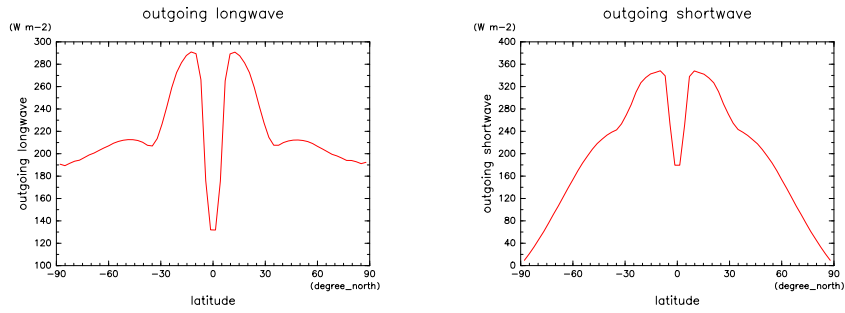


Figure 1: Outgoing longwave radiation Figure 2: Outgoing shortwave radiation

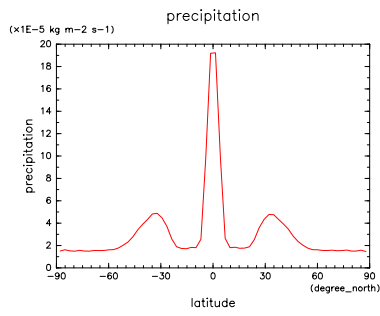


Figure 3: Precipitation

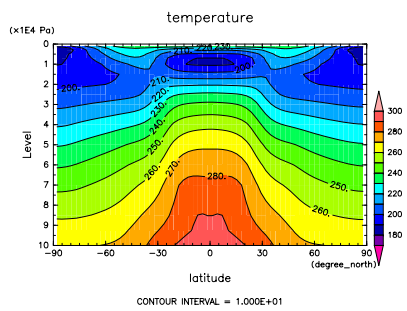


Figure 4: Temperature

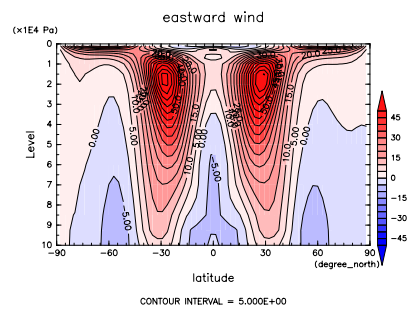


Figure 5: Zonal wind

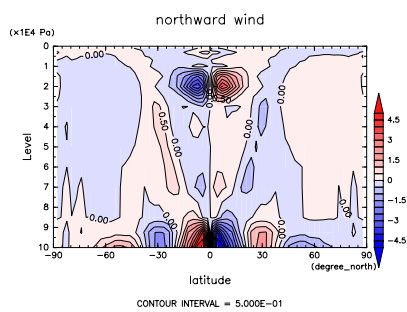


Figure 6: Meridional wind

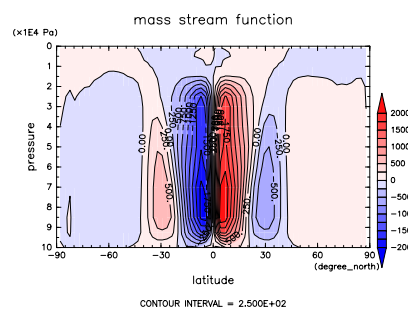


Figure 7: Mass stream function

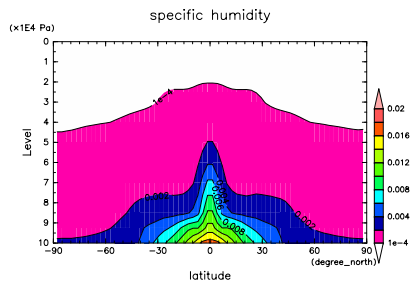


Figure 8: Specific humidity

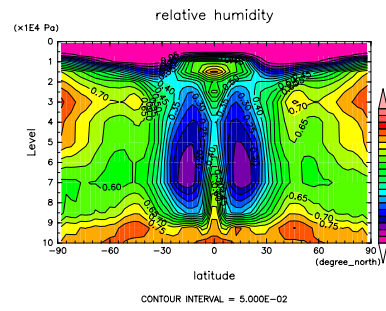


Figure 9: Relative humidity

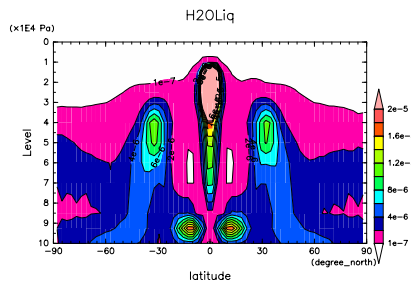


Figure 10: Specific liquid water content

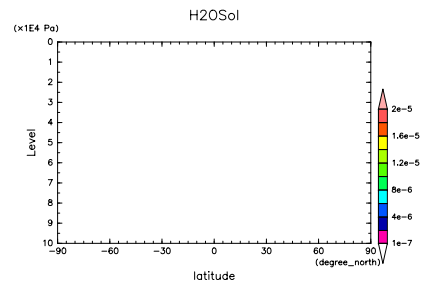


Figure 11: Specific ice content

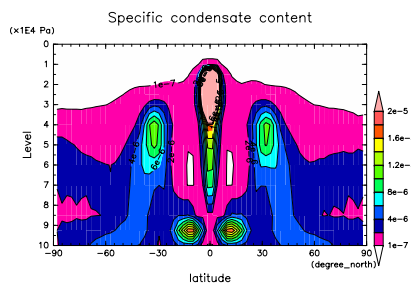


Figure 12: Specific condensate content