

## Figures

Zonal- and time-mean distribution of zonal wind (U), mass stream function (MSF), and temperature (Temp) are shown.

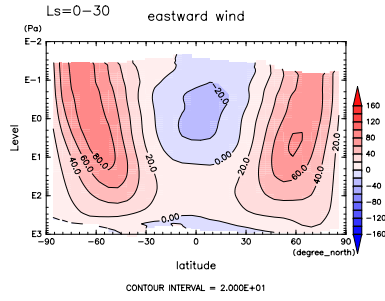


Figure 1: U at  $L_s=0^\circ-30^\circ$  by dcpam

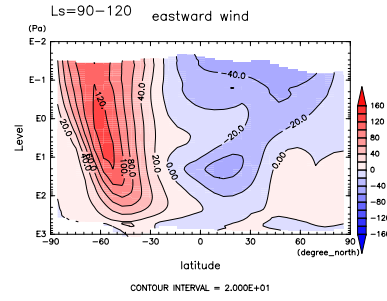


Figure 4: U at  $L_s=90^\circ-120^\circ$  by dcpam

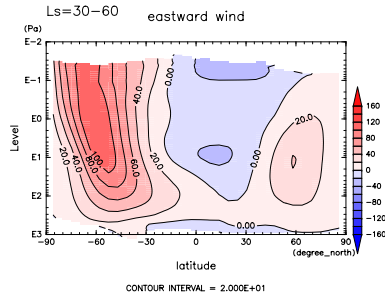


Figure 2: U at  $L_s=30^\circ-60^\circ$  by dcpam

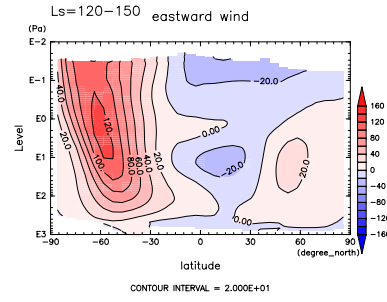


Figure 5: U at  $L_s=120^\circ-150^\circ$  by dcpam

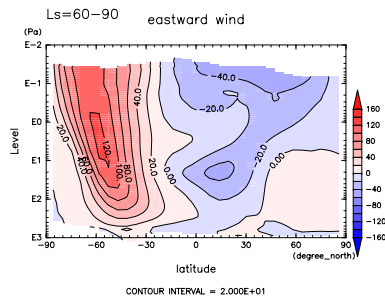


Figure 3: U at  $L_s=60^\circ-90^\circ$  by dcpam

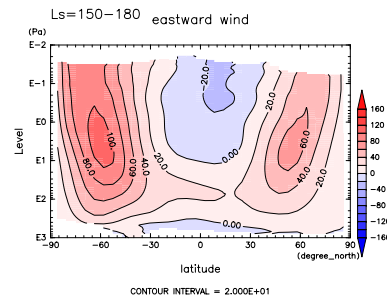


Figure 6: U at  $L_s=150^\circ-180^\circ$  by dcpam

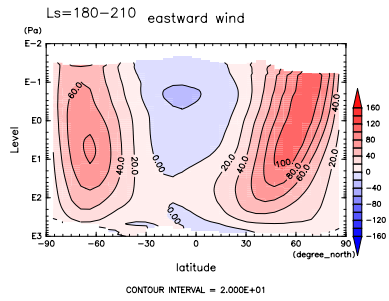


Figure 7: U at  $L_s=180^\circ-210^\circ$  by dc-pam

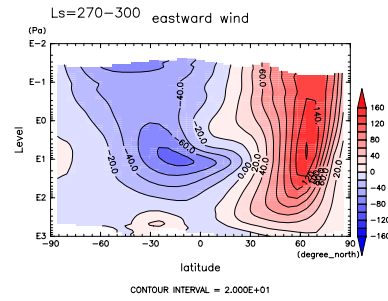


Figure 10: U at  $L_s=270^\circ-300^\circ$  by dc-pam

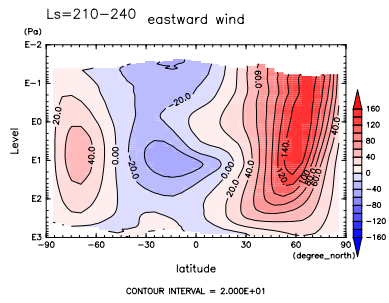


Figure 8: U at  $L_s=210^\circ-240^\circ$  by dc-pam

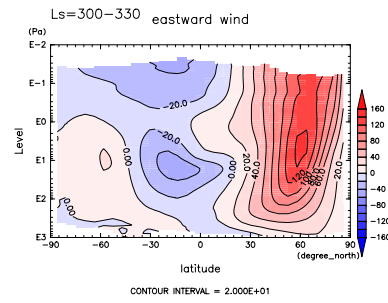


Figure 11: U at  $L_s=300^\circ-330^\circ$  by dc-pam

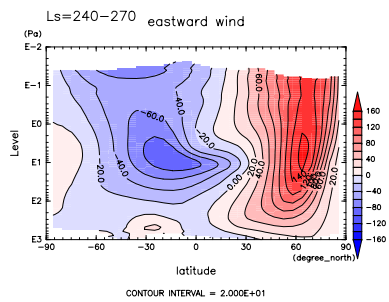


Figure 9: U at  $L_s=240^\circ-270^\circ$  by dc-pam

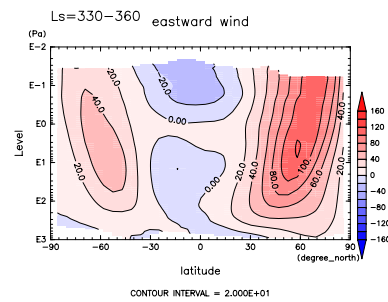


Figure 12: U at  $L_s=330^\circ-360^\circ$  by dc-pam

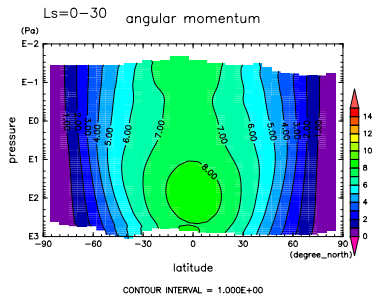


Figure 13: ANG MOM at  $L_s=0^\circ-30^\circ$  by dcpam

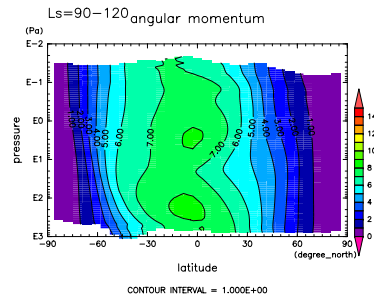


Figure 16: ANG MOM at  $L_s=90^\circ-120^\circ$  by dcpam

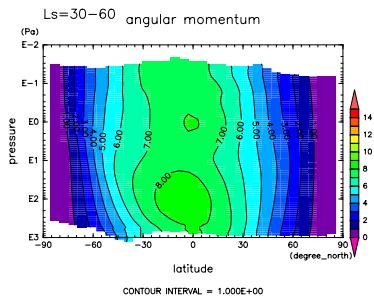


Figure 14: ANG MOM at  $L_s=30^\circ-60^\circ$  by dcpam

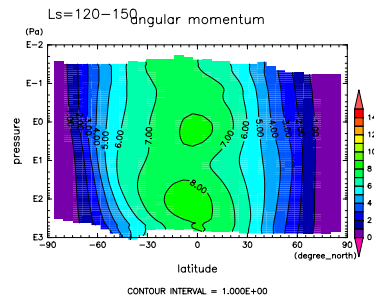


Figure 17: ANG MOM at  $L_s=120^\circ-150^\circ$  by dcpam

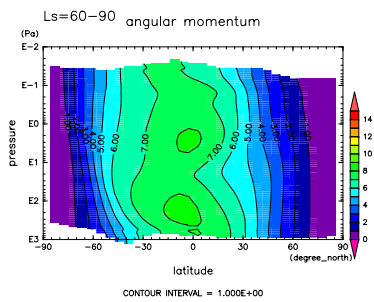


Figure 15: ANG MOM at  $L_s=60^\circ-90^\circ$  by dcpam

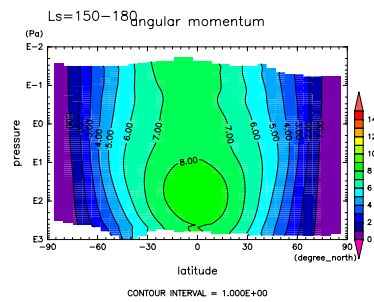


Figure 18: ANG MOM at  $L_s=150^\circ-180^\circ$  by dcpam

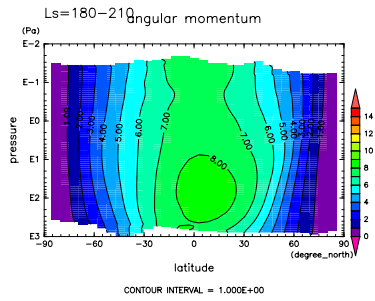


Figure 19: ANGMOM at  $L_s=180^\circ-210^\circ$  by dcpam

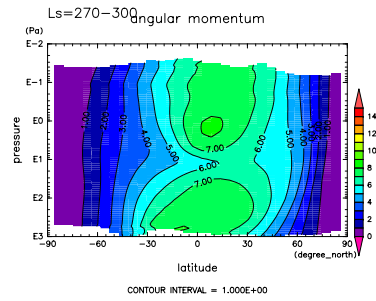


Figure 22: ANGMOM at  $L_s=270^\circ-300^\circ$  by dcpam

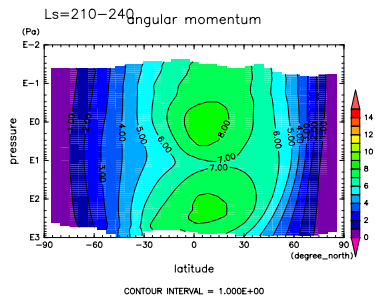


Figure 20: ANGMOM at  $L_s=210^\circ-240^\circ$  by dcpam

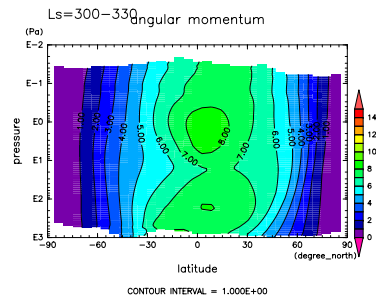


Figure 23: ANGMOM at  $L_s=300^\circ-330^\circ$  by dcpam

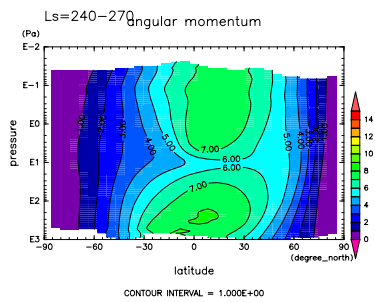


Figure 21: ANGMOM at  $L_s=240^\circ-270^\circ$  by dcpam

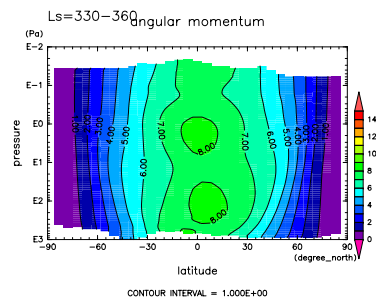


Figure 24: ANGMOM at  $L_s=330^\circ-360^\circ$  by dcpam

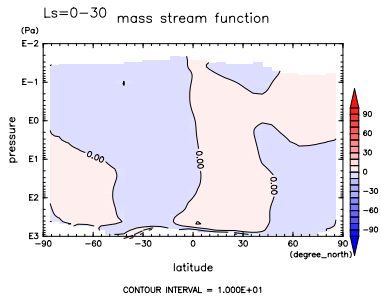


Figure 25: MSF at  $L_s=0^\circ-30^\circ$  by dc-pam

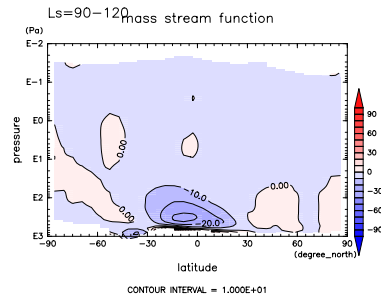


Figure 28: MSF at  $L_s=90^\circ-120^\circ$  by dcpam

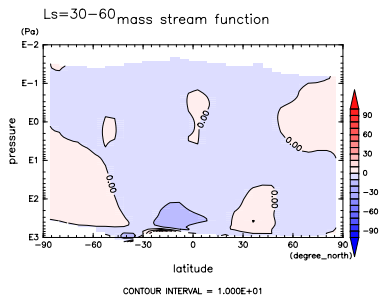


Figure 26: MSF at  $L_s=30^\circ-60^\circ$  by dc-pam

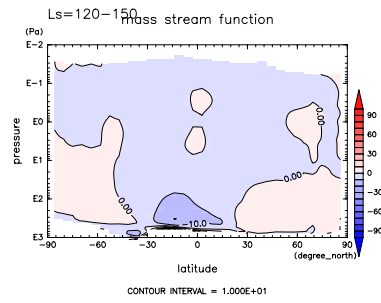


Figure 29: MSF at  $L_s=120^\circ-150^\circ$  by dcpam

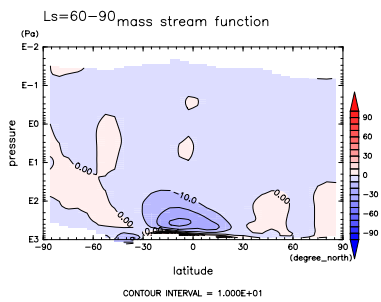


Figure 27: MSF at  $L_s=60^\circ-90^\circ$  by dc-pam

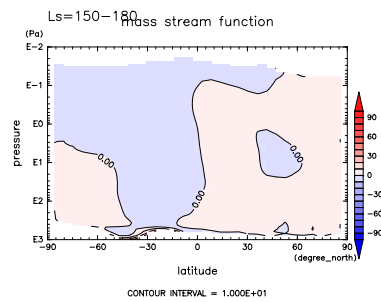


Figure 30: MSF at  $L_s=150^\circ-180^\circ$  by dcpam

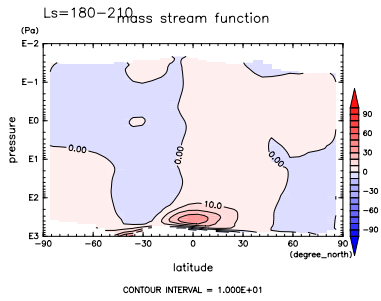


Figure 31: MSF at  $L_s=180^\circ-210^\circ$  by dcpam

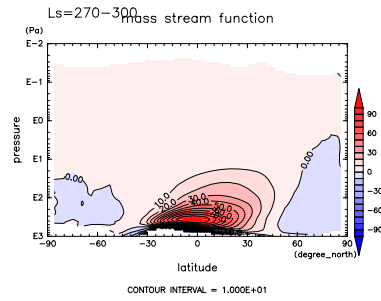


Figure 34: MSF at  $L_s=270^\circ-300^\circ$  by dcpam

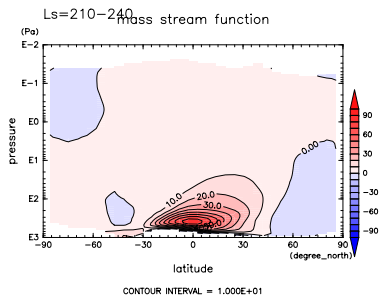


Figure 32: MSF at  $L_s=210^\circ-240^\circ$  by dcpam

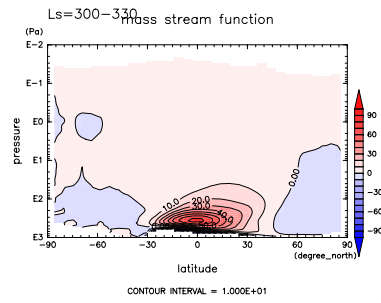


Figure 35: MSF at  $L_s=300^\circ-330^\circ$  by dcpam

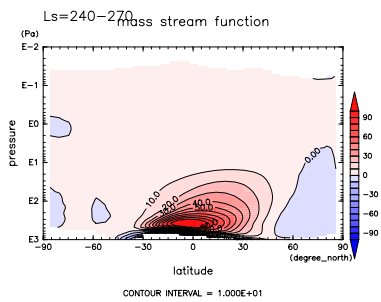


Figure 33: MSF at  $L_s=240^\circ-270^\circ$  by dcpam

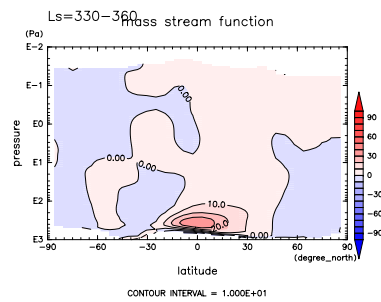


Figure 36: MSF at  $L_s=330^\circ-360^\circ$  by dcpam

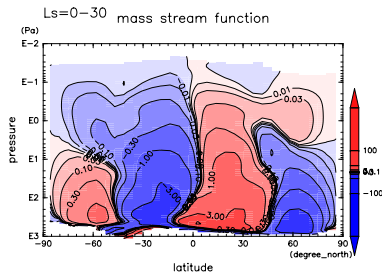


Figure 37: MSF at  $L_s=0^\circ-30^\circ$  by dc-pam

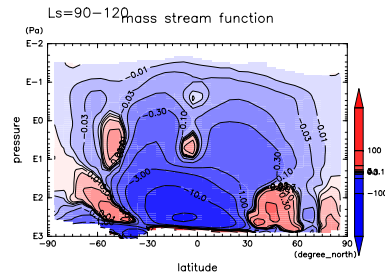


Figure 40: MSF at  $L_s=90^\circ-120^\circ$  by dc-pam

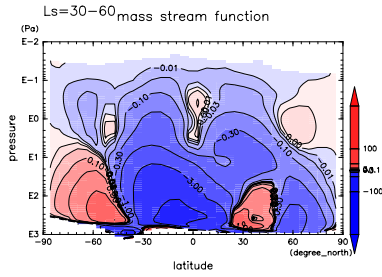


Figure 38: MSF at  $L_s=30^\circ-60^\circ$  by dc-pam

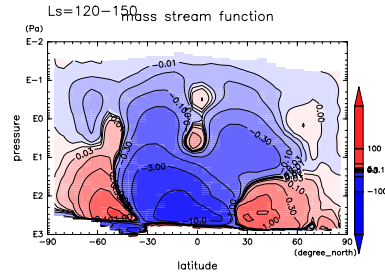


Figure 41: MSF at  $L_s=120^\circ-150^\circ$  by dc-pam

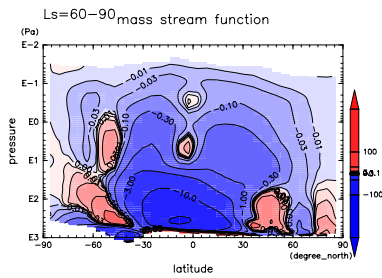


Figure 39: MSF at  $L_s=60^\circ-90^\circ$  by dc-pam

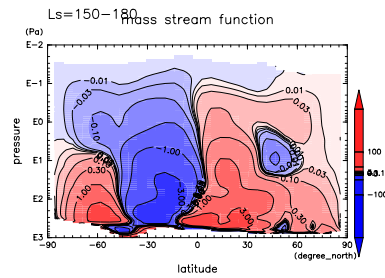


Figure 42: MSF at  $L_s=150^\circ-180^\circ$  by dc-pam



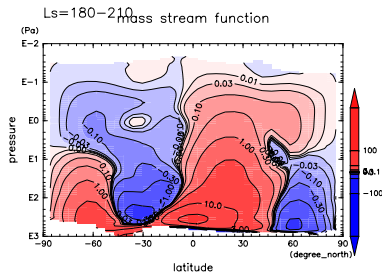


Figure 43: MSF at  $L_s=180^\circ-210^\circ$  by dcpam

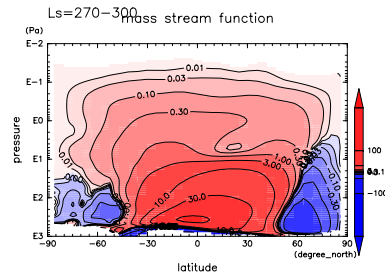


Figure 46: MSF at  $L_s=270^\circ-300^\circ$  by dcpam

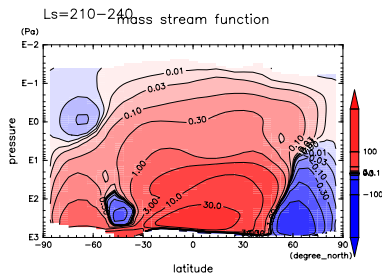


Figure 44: MSF at  $L_s=210^\circ-240^\circ$  by dcpam

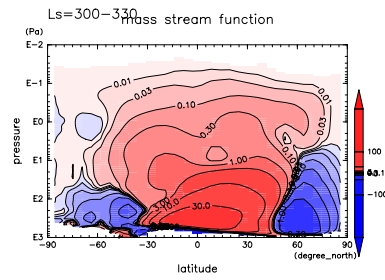


Figure 47: MSF at  $L_s=300^\circ-330^\circ$  by dcpam

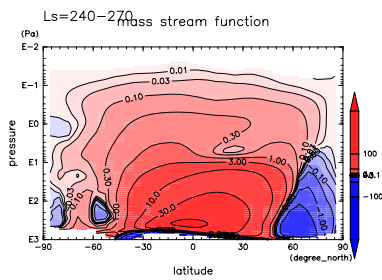


Figure 45: MSF at  $L_s=240^\circ-270^\circ$  by dcpam

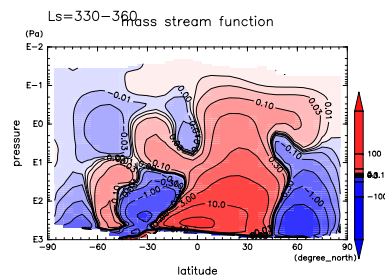


Figure 48: MSF at  $L_s=330^\circ-360^\circ$  by dcpam

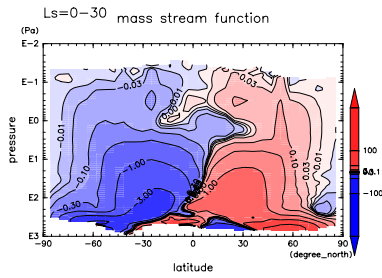


Figure 49: MSF at  $L_s=0^\circ-30^\circ$  by dcpam

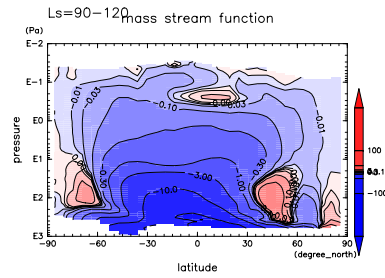


Figure 52: MSF at  $L_s=90^\circ-120^\circ$  by dcpam

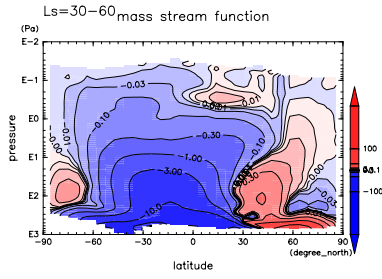


Figure 50: MSF at  $L_s=30^\circ-60^\circ$  by dcpam

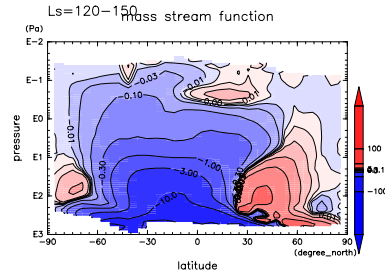


Figure 53: MSF at  $L_s=120^\circ-150^\circ$  by dcpam

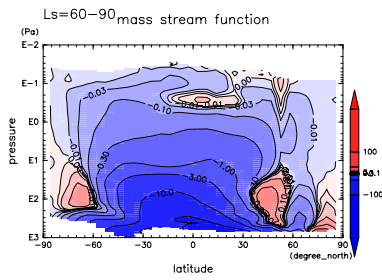


Figure 51: MSF at  $L_s=60^\circ-90^\circ$  by dcpam

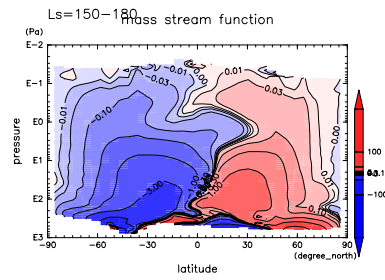


Figure 54: MSF at  $L_s=150^\circ-180^\circ$  by dcpam

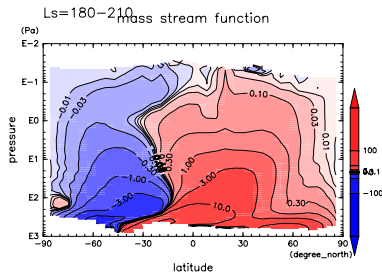


Figure 55: MSF at  $L_s=180^\circ-210^\circ$  by dcpam

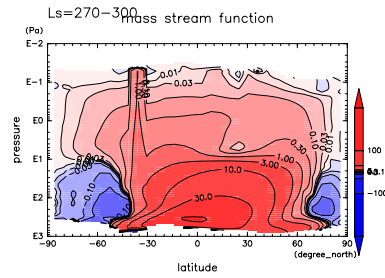


Figure 58: MSF at  $L_s=270^\circ-300^\circ$  by dcpam

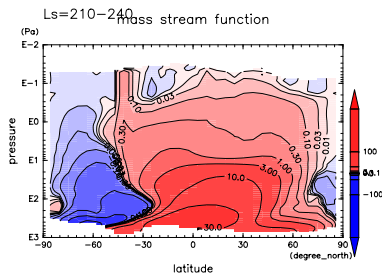


Figure 56: MSF at  $L_s=210^\circ-240^\circ$  by dcpam

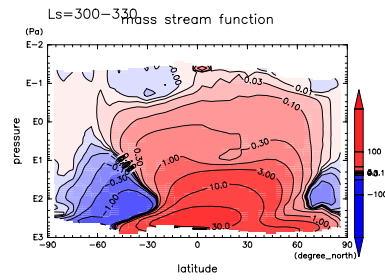


Figure 59: MSF at  $L_s=300^\circ-330^\circ$  by dcpam

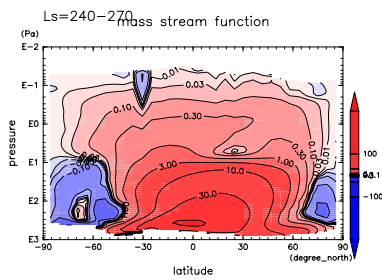


Figure 57: MSF at  $L_s=240^\circ-270^\circ$  by dcpam

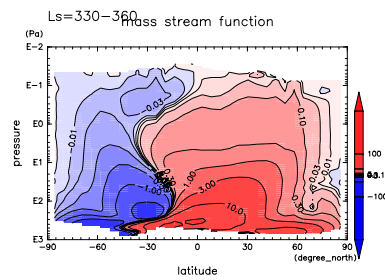


Figure 60: MSF at  $L_s=330^\circ-360^\circ$  by dcpam

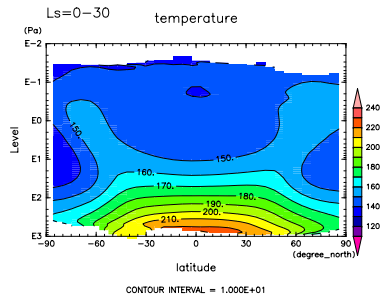


Figure 61: Temp at  $L_s=0^\circ-30^\circ$  by dcpam

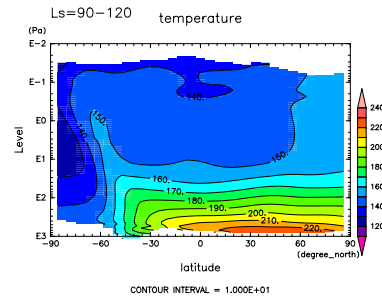


Figure 64: Temp at  $L_s=90^\circ-120^\circ$  by dcpam

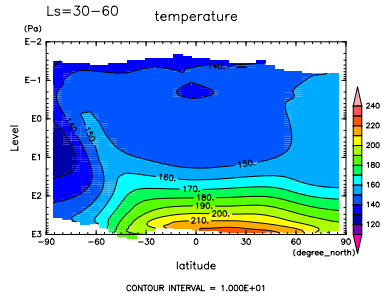


Figure 62: Temp at  $L_s=30^\circ-60^\circ$  by dcpam

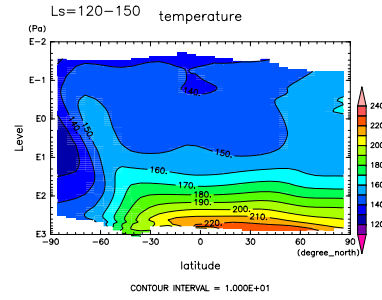


Figure 65: Temp at  $L_s=120^\circ-150^\circ$  by dcpam

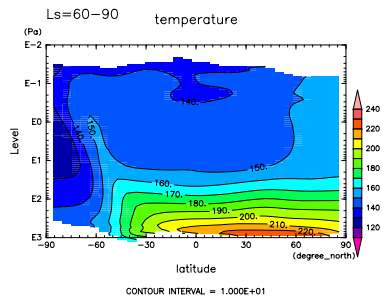


Figure 63: Temp at  $L_s=60^\circ-90^\circ$  by dcpam

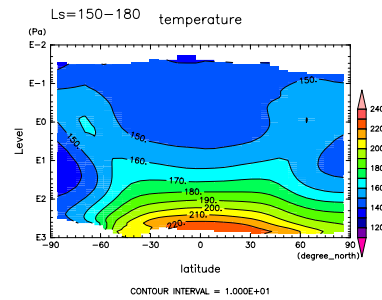


Figure 66: Temp at  $L_s=150^\circ-180^\circ$  by dcpam

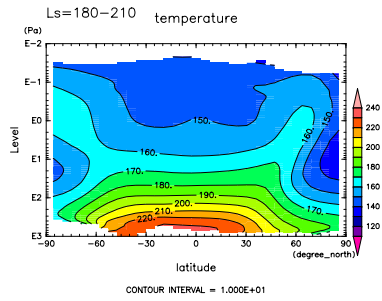


Figure 67: Temp at  $L_s=180^\circ-210^\circ$  by dcpam

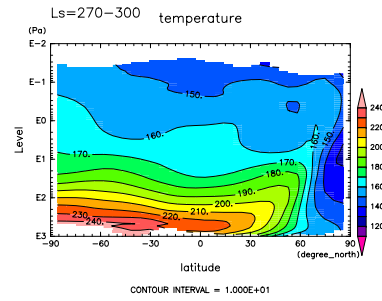


Figure 70: Temp at  $L_s=270^\circ-300^\circ$  by dcpam

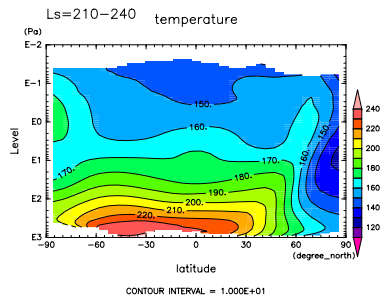


Figure 68: Temp at  $L_s=210^\circ-240^\circ$  by dcpam

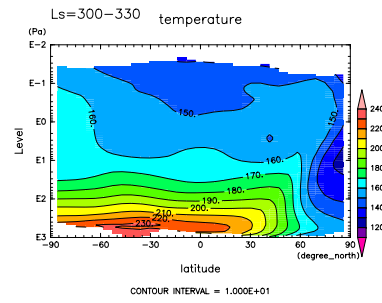


Figure 71: Temp at  $L_s=300^\circ-330^\circ$  by dcpam

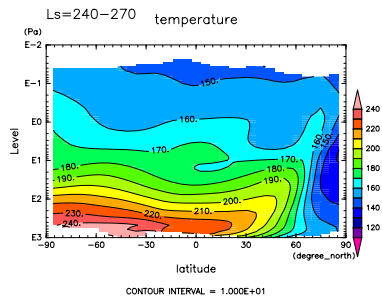


Figure 69: Temp at  $L_s=240^\circ-270^\circ$  by dcpam

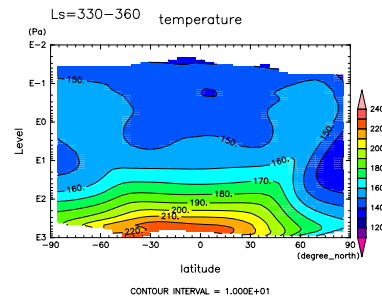


Figure 72: Temp at  $L_s=330^\circ-360^\circ$  by dcpam