

## Figures

Some results of DCPAM are compared with MGS<sup>1</sup>-TES<sup>2</sup> and MRO<sup>3</sup>-MCS<sup>4</sup> data.

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<sup>1</sup>Mars Global Surveyor  
<sup>2</sup>Thermal Emission Spectrometer  
<sup>3</sup>Mars Reconnaissance Orbiter  
<sup>4</sup>Mars Climate Sounder

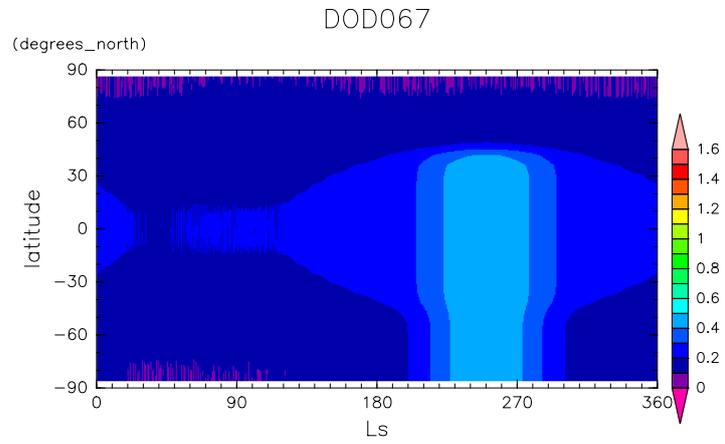


Figure 1: Daily mean dust optical depth prescribed in DCPAM

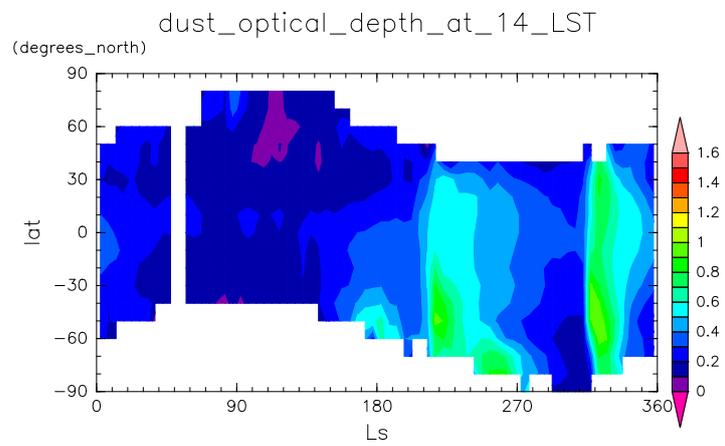


Figure 2: Double of dust optical depth observed by MGS-TES in MY26

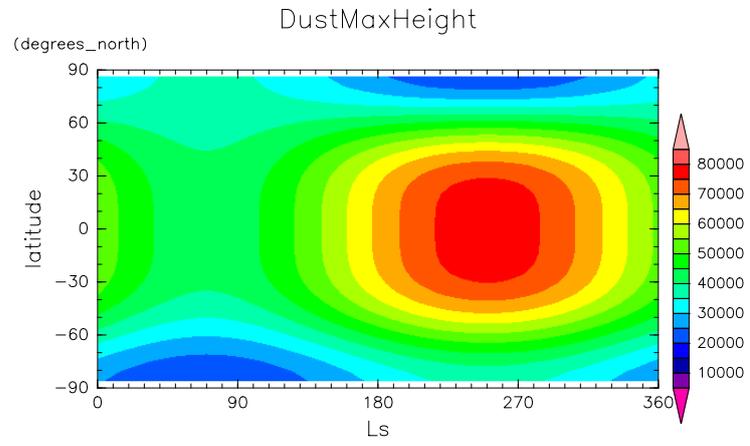


Figure 3: Daily mean maximum height of dust distribution prescribed in DC-PAM

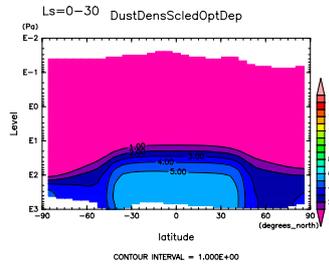


Figure 4: DustDensScledOptDep at  $L_s=0^\circ-30^\circ$  by DCPAM

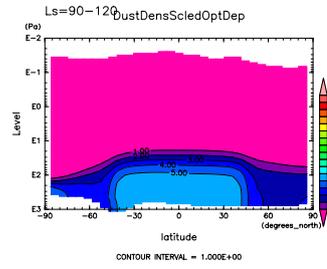


Figure 7: DustDensScledOptDep at  $L_s=90^\circ-120^\circ$  by DCPAM

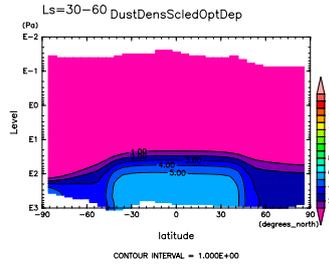


Figure 5: DustDensScledOptDep at  $L_s=30^\circ-60^\circ$  by DCPAM

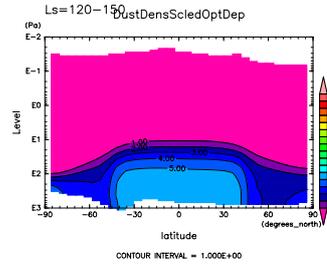


Figure 8: DustDensScledOptDep at  $L_s=120^\circ-150^\circ$  by DCPAM

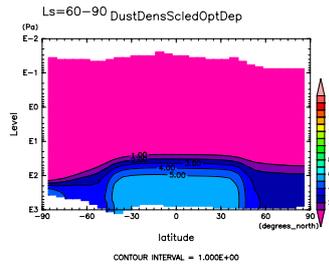


Figure 6: DustDensScledOptDep at  $L_s=60^\circ-90^\circ$  by DCPAM

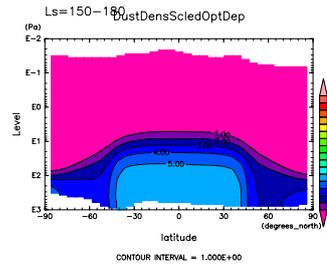


Figure 9: DustDensScledOptDep at  $L_s=150^\circ-180^\circ$  by DCPAM

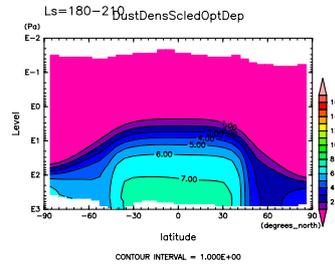


Figure 10: DustDensScledOptDep at  $L_S=180^\circ-210^\circ$  by DCPAM

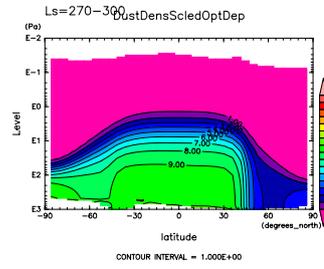


Figure 13: DustDensScledOptDep at  $L_S=270^\circ-300^\circ$  by DCPAM

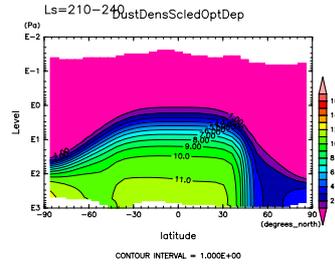


Figure 11: DustDensScledOptDep at  $L_S=210^\circ-240^\circ$  by DCPAM

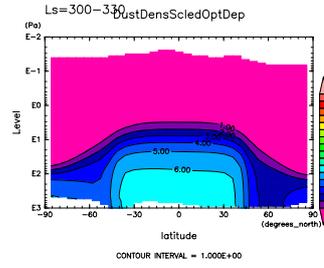


Figure 14: DustDensScledOptDep at  $L_S=300^\circ-330^\circ$  by DCPAM

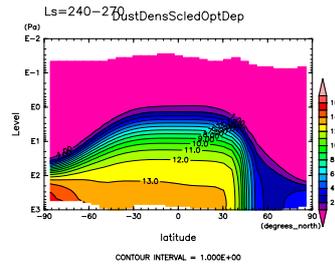


Figure 12: DustDensScledOptDep at  $L_S=240^\circ-270^\circ$  by DCPAM

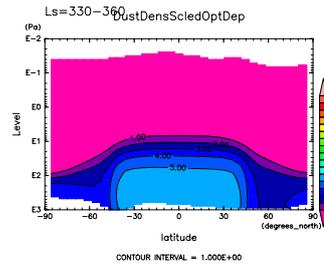


Figure 15: DustDensScledOptDep at  $L_S=330^\circ-360^\circ$  by DCPAM

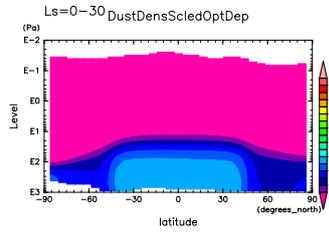


Figure 16: DustDensScledOptDep at 03 LST and Ls=0°-30° by DCPAM

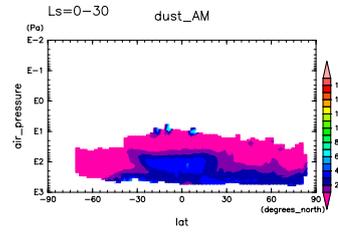


Figure 19: DustDensScledOptDep at 03 LST and Ls=0°-30° by MRO

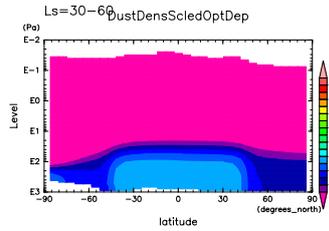


Figure 17: DustDensScledOptDep at 03 LST and Ls=30°-60° by DCPAM

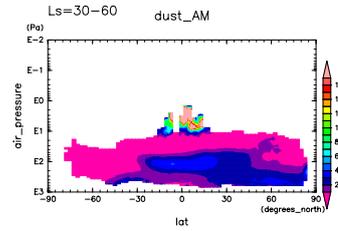


Figure 20: DustDensScledOptDep at 03 LST and Ls=30°-60° by MRO

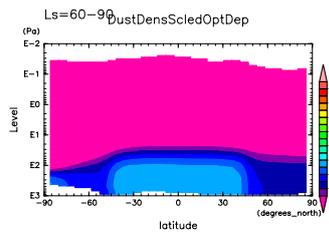


Figure 18: DustDensScledOptDep at 03 LST and Ls=60°-90° by DCPAM

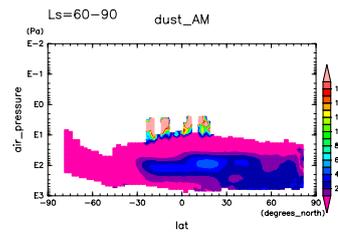


Figure 21: DustDensScledOptDep at 03 LST and Ls=60°-90° by MRO

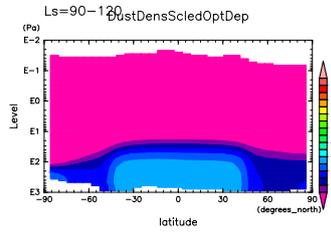


Figure 22: DustDensScledOptDep at 03 LST and Ls=90°-120° by DCPAM

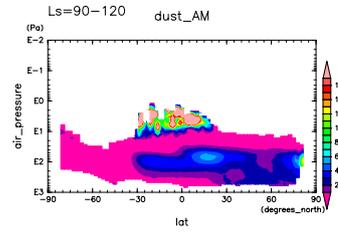


Figure 25: DustDensScledOptDep at 03 LST and Ls=90°-120° by MRO

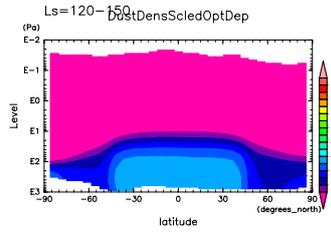


Figure 23: DustDensScledOptDep at 03 LST and Ls=120°-150° by DCPAM

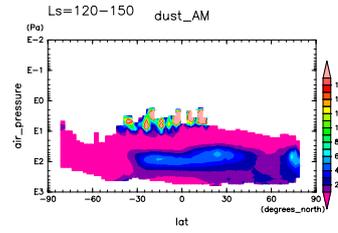


Figure 26: DustDensScledOptDep at 03 LST and Ls=120°-150° by MRO

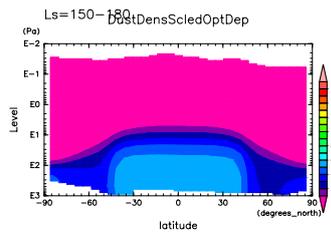


Figure 24: DustDensScledOptDep at 03 LST and Ls=150°-180° by DCPAM

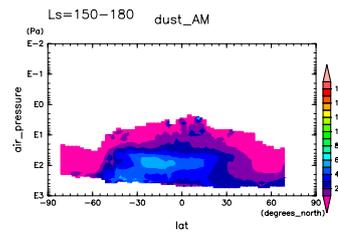


Figure 27: DustDensScledOptDep at 03 LST and Ls=150°-180° by MRO

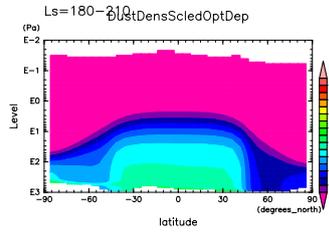


Figure 28: DustDensScledOptDep at 03 LST and Ls=180°-210° by DCPAM

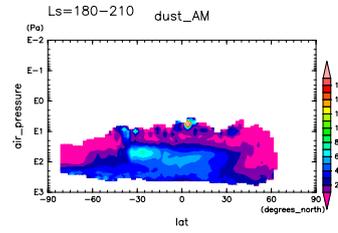


Figure 31: DustDensScledOptDep at 03 LST and Ls=180°-210° by MRO

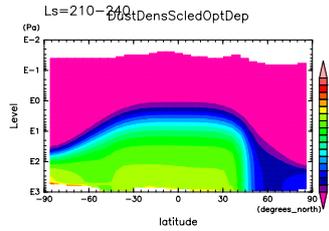


Figure 29: DustDensScledOptDep at 03 LST and Ls=210°-240° by DCPAM

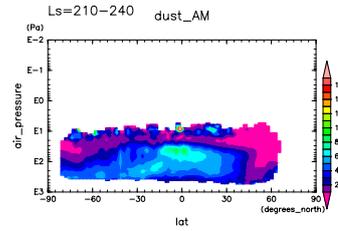


Figure 32: DustDensScledOptDep at 03 LST and Ls=210°-240° by MRO

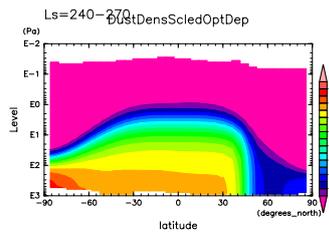


Figure 30: DustDensScledOptDep at 03 LST and Ls=240°-270° by DCPAM

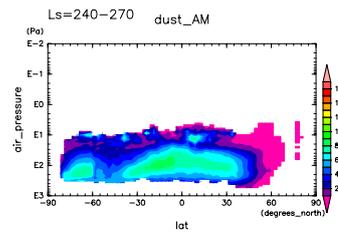


Figure 33: DustDensScledOptDep at 03 LST and Ls=240°-270° by MRO



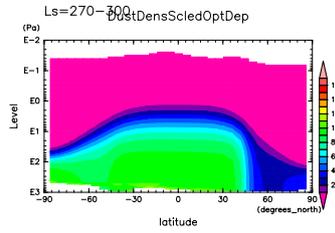


Figure 34: DustDensScledOptDep at 03 LST and Ls=270°-300° by DCPAM

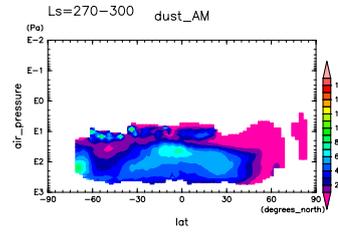


Figure 37: DustDensScledOptDep at 03 LST and Ls=270°-300° by MRO

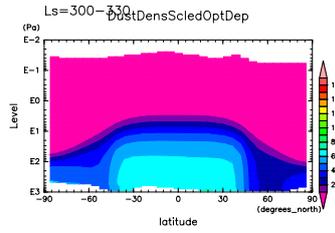


Figure 35: DustDensScledOptDep at 03 LST and Ls=300°-330° by DCPAM

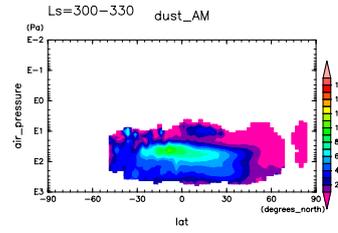


Figure 38: DustDensScledOptDep at 03 LST and Ls=300°-330° by MRO

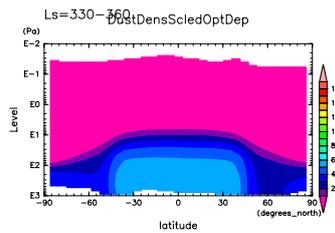


Figure 36: DustDensScledOptDep at 03 LST and Ls=330°-360° by DCPAM

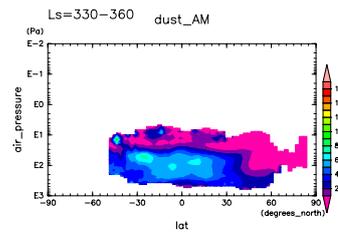


Figure 39: DustDensScledOptDep at 03 LST and Ls=330°-360° by MRO

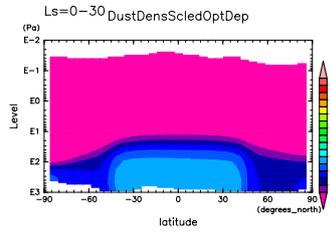


Figure 40: DustDensScledOptDep at 15 LST and  $L_s=0^\circ-30^\circ$  by DCPAM

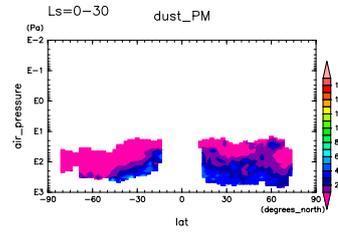


Figure 43: DustDensScledOptDep at 15 LST and  $L_s=0^\circ-30^\circ$  by MRO

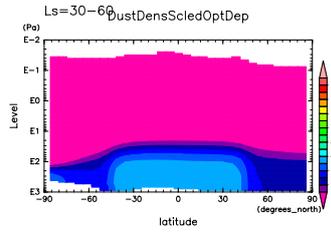


Figure 41: DustDensScledOptDep at 15 LST and  $L_s=30^\circ-60^\circ$  by DCPAM

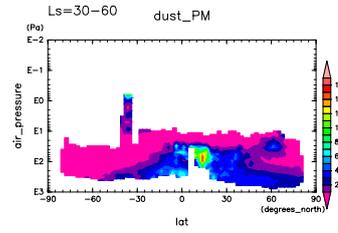


Figure 44: DustDensScledOptDep at 15 LST and  $L_s=30^\circ-60^\circ$  by MRO

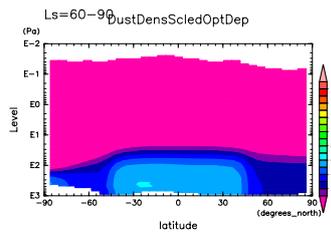


Figure 42: DustDensScledOptDep at 15 LST and  $L_s=60^\circ-90^\circ$  by DCPAM

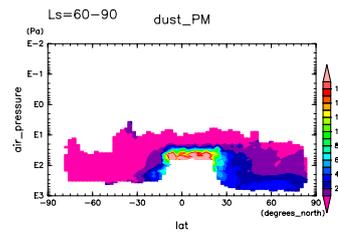


Figure 45: DustDensScledOptDep at 15 LST and  $L_s=60^\circ-90^\circ$  by MRO

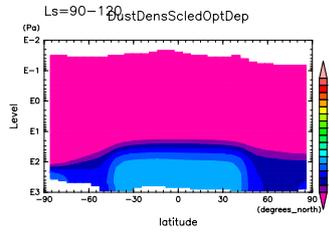


Figure 46: DustDensScledOptDep at 15 LST and Ls=90°-120° by DCPAM

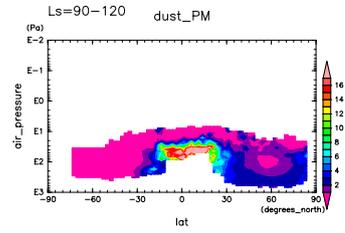


Figure 49: DustDensScledOptDep at 15 LST and Ls=90°-120° by MRO

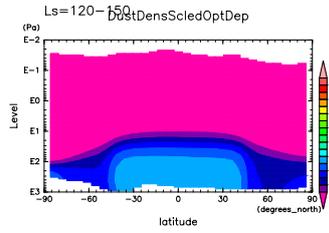


Figure 47: DustDensScledOptDep at 15 LST and Ls=120°-150° by DCPAM

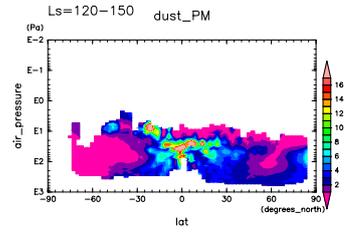


Figure 50: DustDensScledOptDep at 15 LST and Ls=120°-150° by MRO

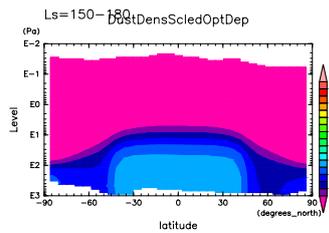


Figure 48: DustDensScledOptDep at 15 LST and Ls=150°-180° by DCPAM

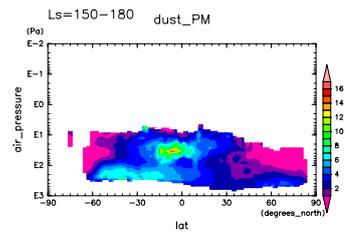


Figure 51: DustDensScledOptDep at 15 LST and Ls=150°-180° by MRO

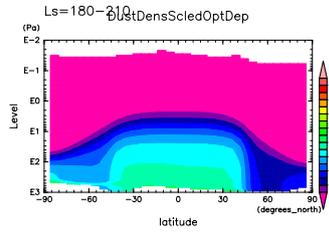


Figure 52: DustDensScledOptDep at 15 LST and Ls=180°-210° by DCPAM

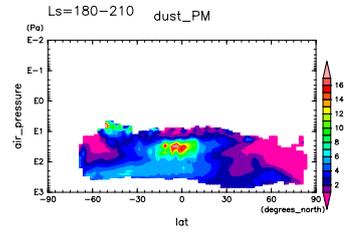


Figure 55: DustDensScledOptDep at 15 LST and Ls=180°-210° by MRO

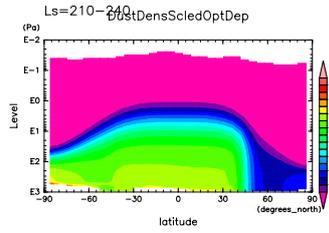


Figure 53: DustDensScledOptDep at 15 LST and Ls=210°-240° by DCPAM

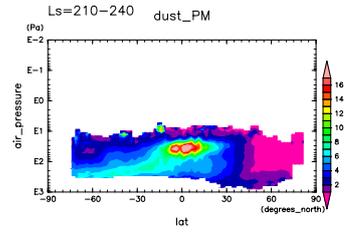


Figure 56: DustDensScledOptDep at 15 LST and Ls=210°-240° by MRO

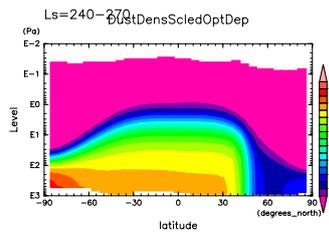


Figure 54: DustDensScledOptDep at 15 LST and Ls=240°-270° by DCPAM

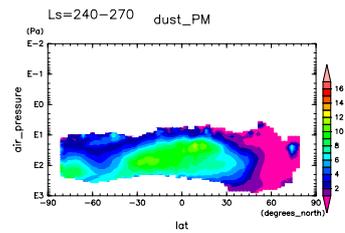


Figure 57: DustDensScledOptDep at 15 LST and Ls=240°-270° by MRO

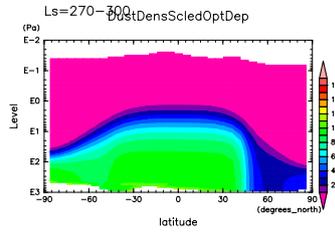


Figure 58: DustDensScledOptDep at 15 LST and Ls=270°-300° by DCPAM

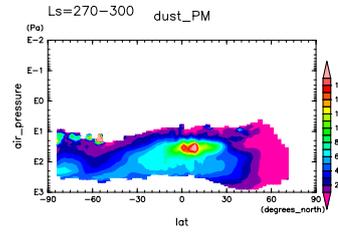


Figure 61: DustDensScledOptDep at 15 LST and Ls=270°-300° by MRO

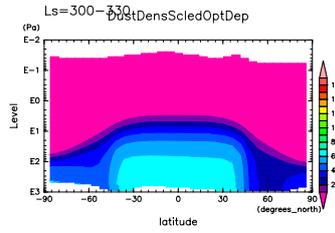


Figure 59: DustDensScledOptDep at 15 LST and Ls=300°-330° by DCPAM

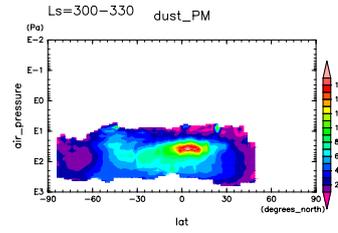


Figure 62: DustDensScledOptDep at 15 LST and Ls=300°-330° by MRO

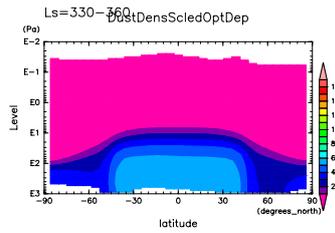


Figure 60: DustDensScledOptDep at 15 LST and Ls=330°-360° by DCPAM

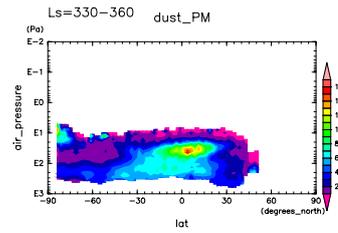


Figure 63: DustDensScledOptDep at 15 LST and Ls=330°-360° by MRO

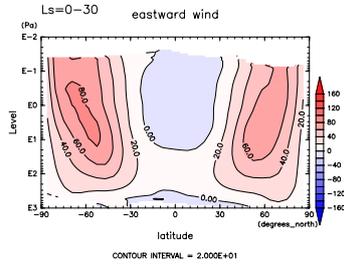


Figure 64: U at  $L_S=0^\circ-30^\circ$  by DC-PAM

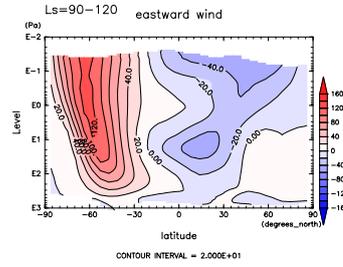


Figure 67: U at  $L_S=90^\circ-120^\circ$  by DC-PAM

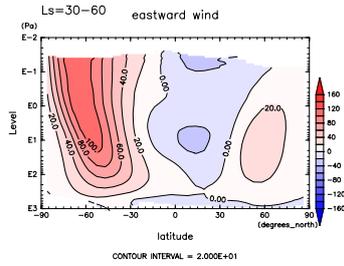


Figure 65: U at  $L_S=30^\circ-60^\circ$  by DC-PAM

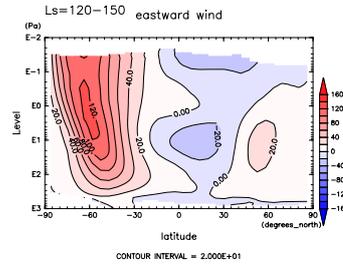


Figure 68: U at  $L_S=120^\circ-150^\circ$  by DC-PAM

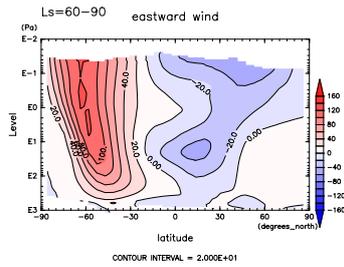


Figure 66: U at  $L_S=60^\circ-90^\circ$  by DC-PAM

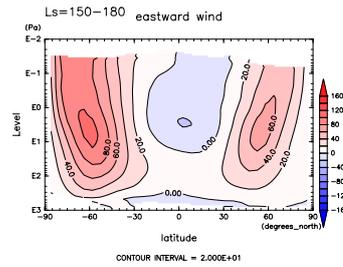


Figure 69: U at  $L_S=150^\circ-180^\circ$  by DC-PAM

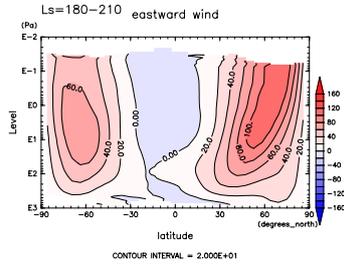


Figure 70: U at  $L_s=180^\circ-210^\circ$  by DC-PAM

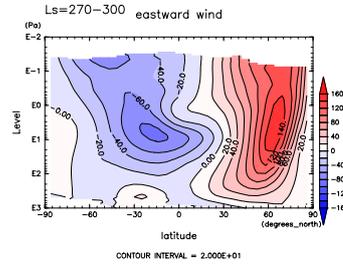


Figure 73: U at  $L_s=270^\circ-300^\circ$  by DC-PAM

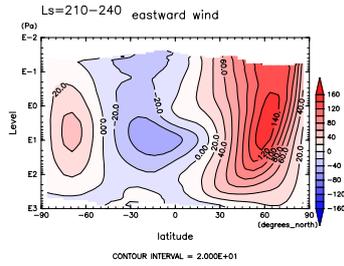


Figure 71: U at  $L_s=210^\circ-240^\circ$  by DC-PAM

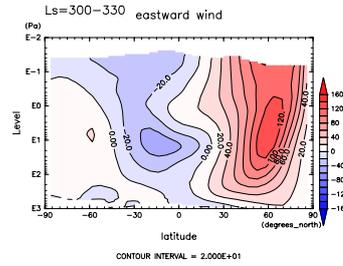


Figure 74: U at  $L_s=300^\circ-330^\circ$  by DC-PAM

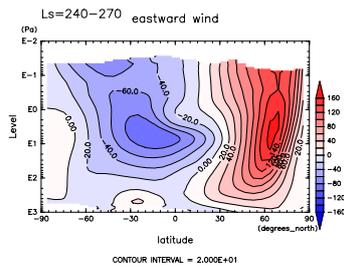


Figure 72: U at  $L_s=240^\circ-270^\circ$  by DC-PAM

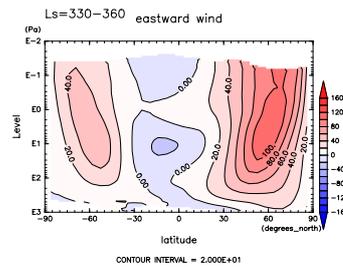


Figure 75: U at  $L_s=330^\circ-360^\circ$  by DC-PAM

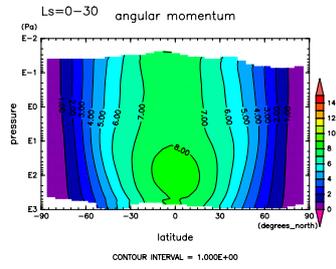


Figure 76: ANGMOM at  $L_s=0^\circ-30^\circ$  by DCPAM

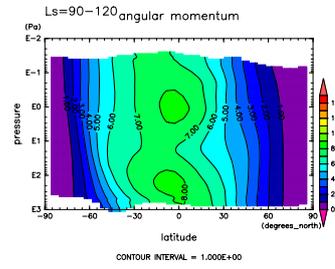


Figure 79: ANGMOM at  $L_s=90^\circ-120^\circ$  by DCPAM

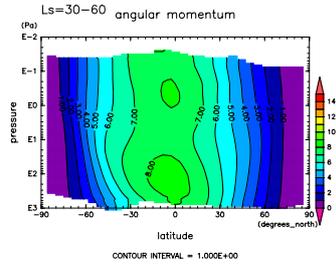


Figure 77: ANGMOM at  $L_s=30^\circ-60^\circ$  by DCPAM

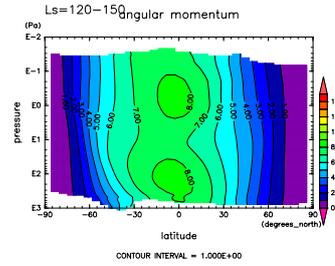


Figure 80: ANGMOM at  $L_s=120^\circ-150^\circ$  by DCPAM

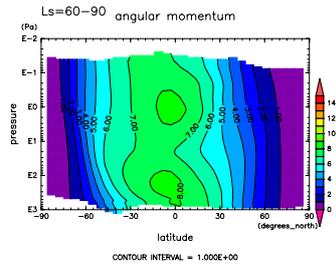


Figure 78: ANGMOM at  $L_s=60^\circ-90^\circ$  by DCPAM

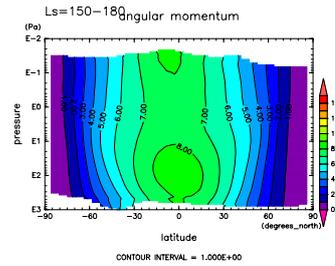


Figure 81: ANGMOM at  $L_s=150^\circ-180^\circ$  by DCPAM



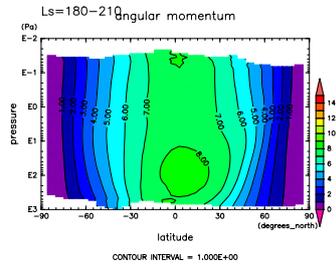


Figure 82: ANG MOM at  $L_s=180^\circ-210^\circ$  by DCPAM

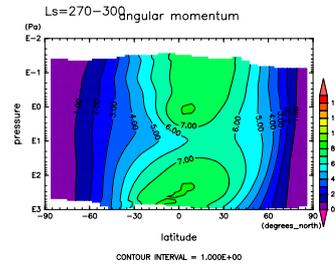


Figure 85: ANG MOM at  $L_s=270^\circ-300^\circ$  by DCPAM

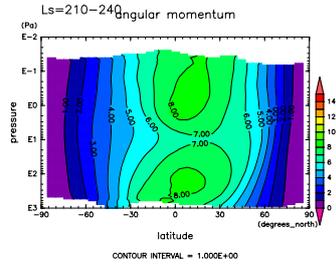


Figure 83: ANG MOM at  $L_s=210^\circ-240^\circ$  by DCPAM

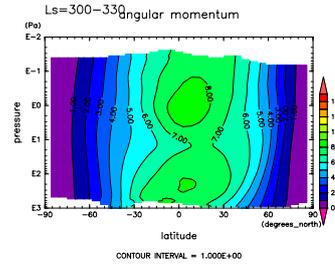


Figure 86: ANG MOM at  $L_s=300^\circ-330^\circ$  by DCPAM

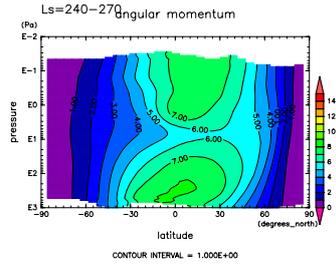


Figure 84: ANG MOM at  $L_s=240^\circ-270^\circ$  by DCPAM

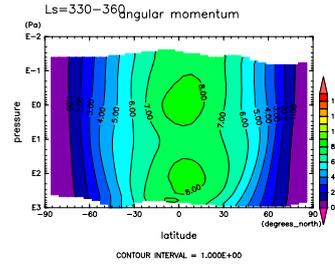


Figure 87: ANG MOM at  $L_s=330^\circ-360^\circ$  by DCPAM

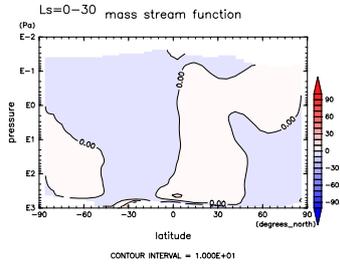


Figure 88: MSF at  $L_s=0^\circ-30^\circ$  by DCPAM

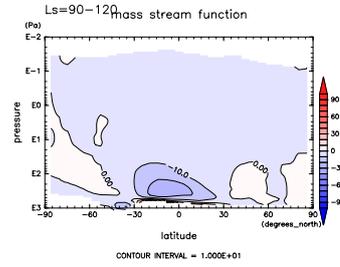


Figure 91: MSF at  $L_s=90^\circ-120^\circ$  by DCPAM

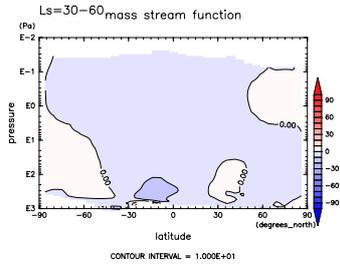


Figure 89: MSF at  $L_s=30^\circ-60^\circ$  by DCPAM

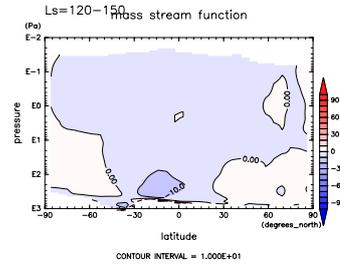


Figure 92: MSF at  $L_s=120^\circ-150^\circ$  by DCPAM

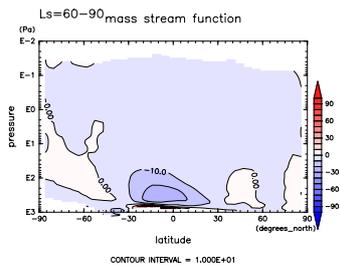


Figure 90: MSF at  $L_s=60^\circ-90^\circ$  by DCPAM

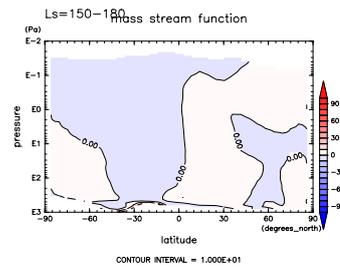


Figure 93: MSF at  $L_s=150^\circ-180^\circ$  by DCPAM

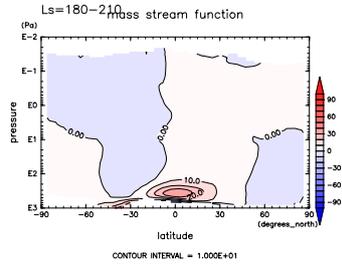


Figure 94: MSF at  $L_s=180^\circ-210^\circ$  by DCPAM

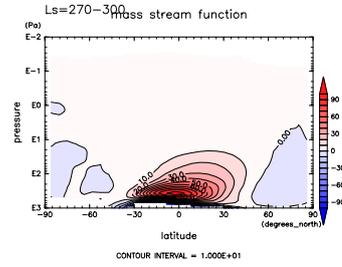


Figure 97: MSF at  $L_s=270^\circ-300^\circ$  by DCPAM

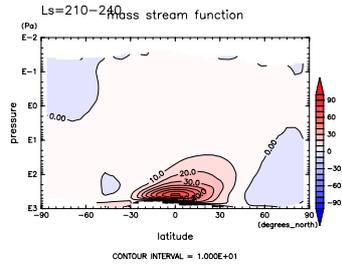


Figure 95: MSF at  $L_s=210^\circ-240^\circ$  by DCPAM

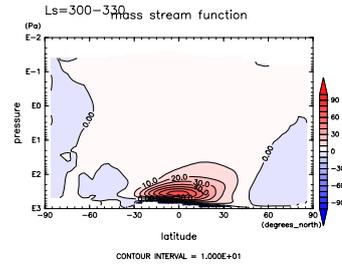


Figure 98: MSF at  $L_s=300^\circ-330^\circ$  by DCPAM

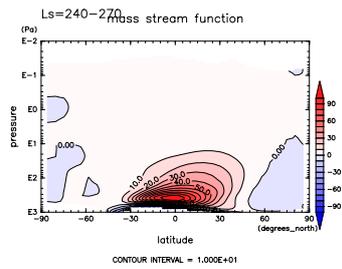


Figure 96: MSF at  $L_s=240^\circ-270^\circ$  by DCPAM

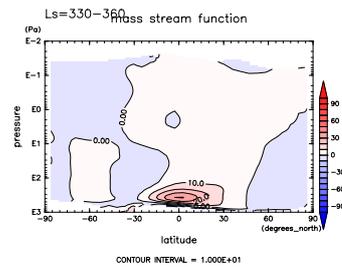


Figure 99: MSF at  $L_s=330^\circ-360^\circ$  by DCPAM

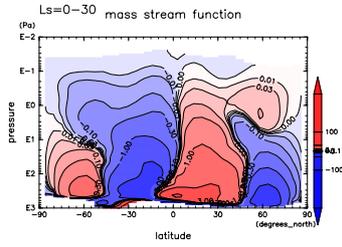


Figure 100: MSF at  $L_S=0^\circ-30^\circ$  by DCPAM

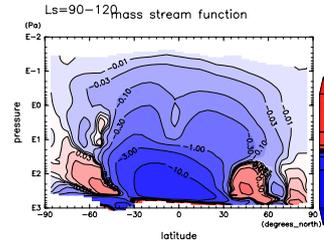


Figure 103: MSF at  $L_S=90^\circ-120^\circ$  by DCPAM

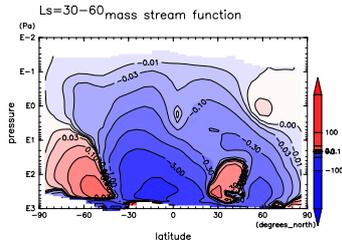


Figure 101: MSF at  $L_S=30^\circ-60^\circ$  by DCPAM

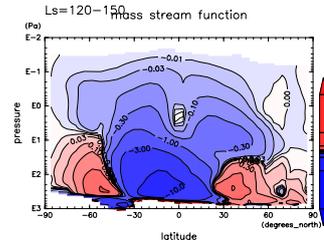


Figure 104: MSF at  $L_S=120^\circ-150^\circ$  by DCPAM

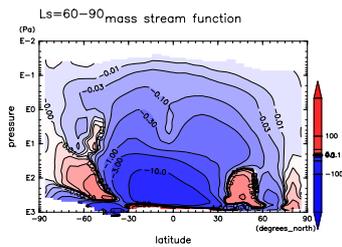


Figure 102: MSF at  $L_S=60^\circ-90^\circ$  by DCPAM

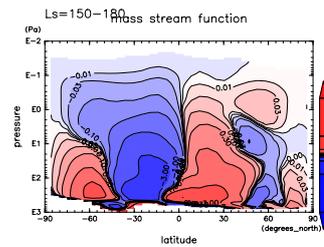


Figure 105: MSF at  $L_S=150^\circ-180^\circ$  by DCPAM

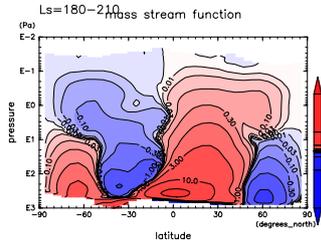


Figure 106: MSF at  $L_S=180^\circ-210^\circ$  by DCPAM

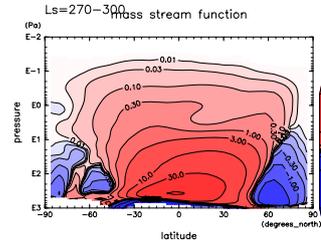


Figure 109: MSF at  $L_S=270^\circ-300^\circ$  by DCPAM

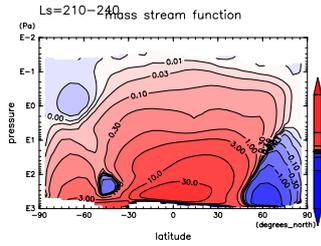


Figure 107: MSF at  $L_S=210^\circ-240^\circ$  by DCPAM

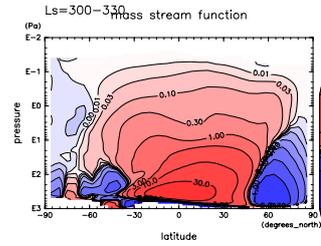


Figure 110: MSF at  $L_S=300^\circ-330^\circ$  by DCPAM

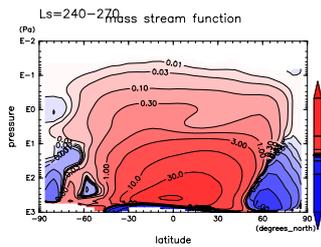


Figure 108: MSF at  $L_S=240^\circ-270^\circ$  by DCPAM

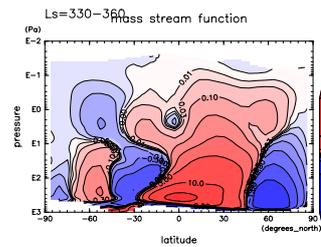


Figure 111: MSF at  $L_S=330^\circ-360^\circ$  by DCPAM

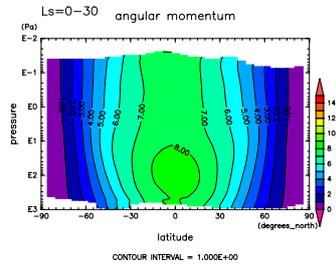


Figure 112: ANG MOM at  $L_s=0^\circ-30^\circ$  by DCPAM

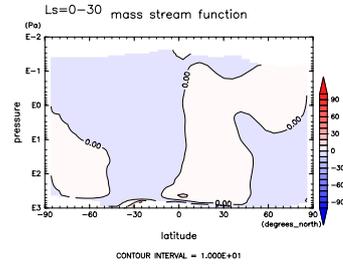


Figure 115: MSF at  $L_s=0^\circ-30^\circ$  by DCPAM

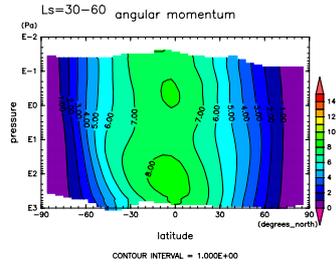


Figure 113: ANG MOM at  $L_s=30^\circ-60^\circ$  by DCPAM

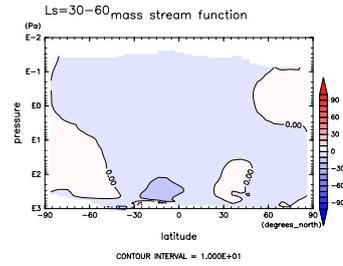


Figure 116: MSF at  $L_s=30^\circ-60^\circ$  by DCPAM

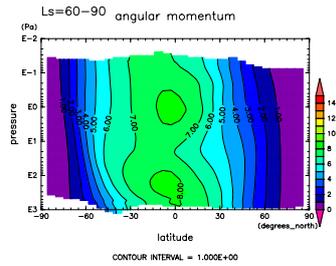


Figure 114: ANG MOM at  $L_s=60^\circ-90^\circ$  by DCPAM

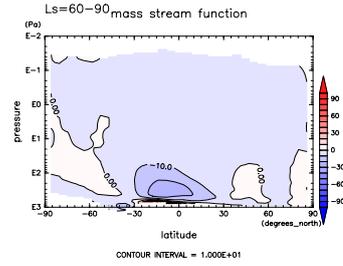


Figure 117: MSF at  $L_s=60^\circ-90^\circ$  by DCPAM

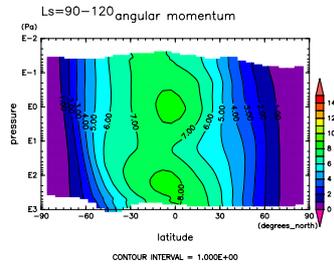


Figure 118: ANG MOM at  $L_s=90^\circ-120^\circ$  by DCPAM

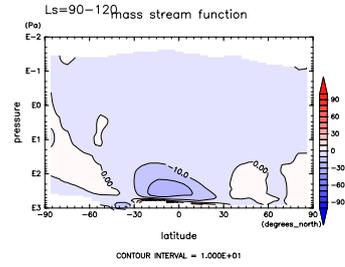


Figure 121: MSF at  $L_s=90^\circ-120^\circ$  by DCPAM

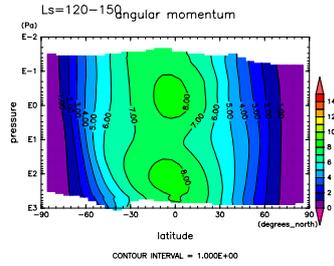


Figure 119: ANG MOM at  $L_s=120^\circ-150^\circ$  by DCPAM

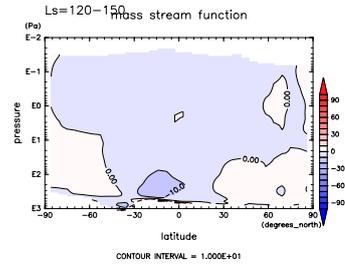


Figure 122: MSF at  $L_s=120^\circ-150^\circ$  by DCPAM

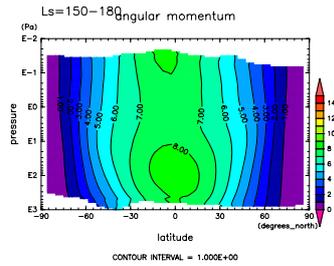


Figure 120: ANG MOM at  $L_s=150^\circ-180^\circ$  by DCPAM

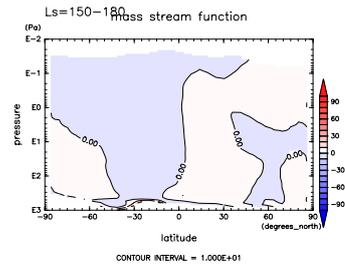


Figure 123: MSF at  $L_s=150^\circ-180^\circ$  by DCPAM

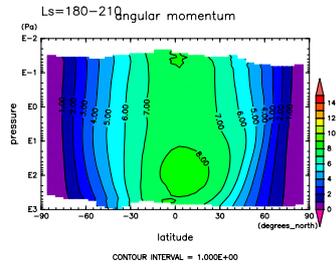


Figure 124: ANG MOM at  $L_s=180^\circ-210^\circ$  by DCPAM

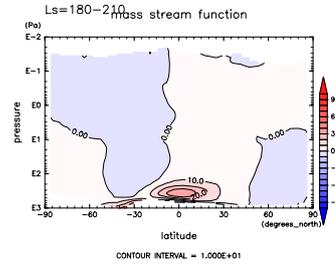


Figure 127: MSF at  $L_s=180^\circ-210^\circ$  by DCPAM

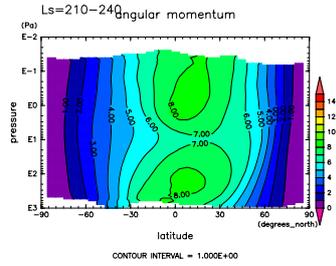


Figure 125: ANG MOM at  $L_s=210^\circ-240^\circ$  by DCPAM

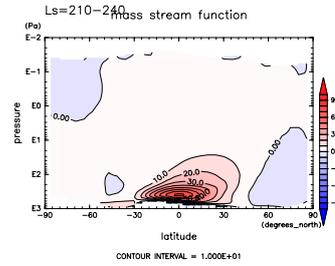


Figure 128: MSF at  $L_s=210^\circ-240^\circ$  by DCPAM

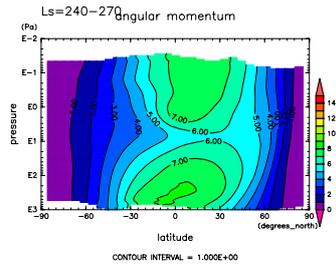


Figure 126: ANG MOM at  $L_s=240^\circ-270^\circ$  by DCPAM

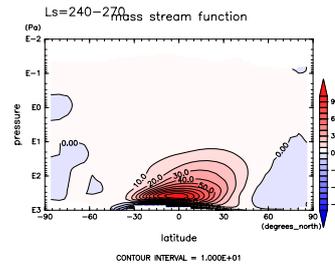


Figure 129: MSF at  $L_s=240^\circ-270^\circ$  by DCPAM



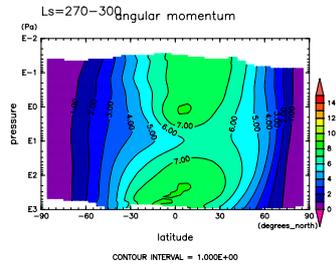


Figure 130: ANG MOM at  $L_s=270^\circ-300^\circ$  by DCPAM

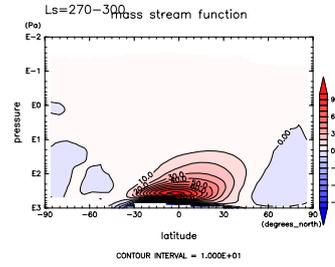


Figure 133: MSF at  $L_s=270^\circ-300^\circ$  by DCPAM

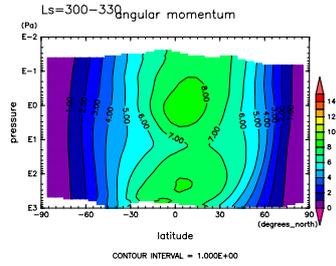


Figure 131: ANG MOM at  $L_s=300^\circ-330^\circ$  by DCPAM

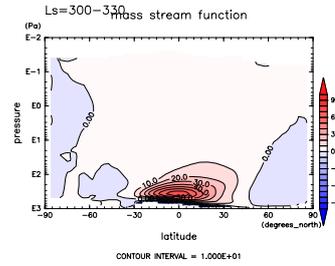


Figure 134: MSF at  $L_s=300^\circ-330^\circ$  by DCPAM

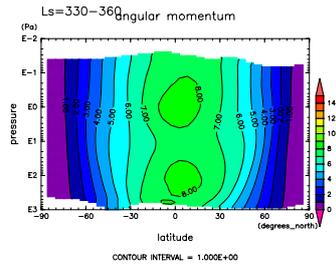


Figure 132: ANG MOM at  $L_s=330^\circ-360^\circ$  by DCPAM

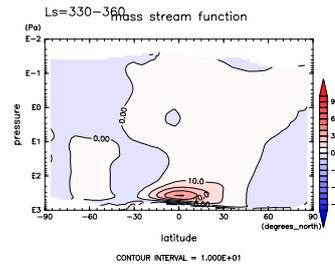


Figure 135: MSF at  $L_s=330^\circ-360^\circ$  by DCPAM

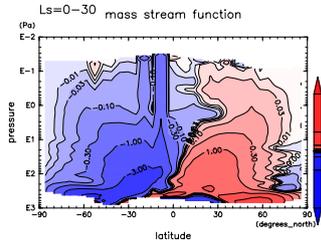


Figure 136: MSF at  $L_S=0^\circ-30^\circ$  by DCPAM

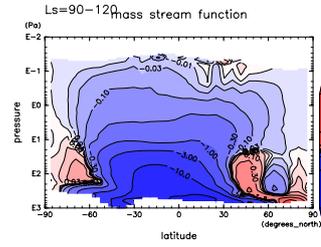


Figure 139: MSF at  $L_S=90^\circ-120^\circ$  by DCPAM

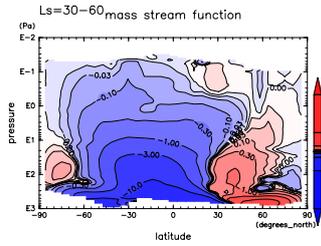


Figure 137: MSF at  $L_S=30^\circ-60^\circ$  by DCPAM

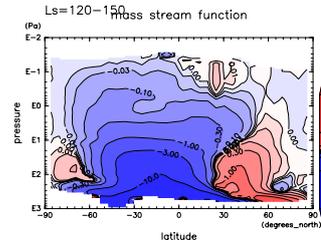


Figure 140: MSF at  $L_S=120^\circ-150^\circ$  by DCPAM

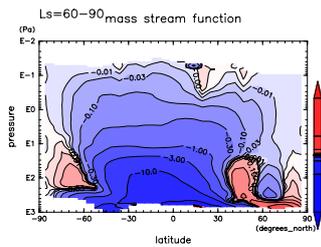


Figure 138: MSF at  $L_S=60^\circ-90^\circ$  by DCPAM

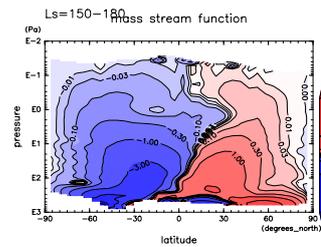


Figure 141: MSF at  $L_S=150^\circ-180^\circ$  by DCPAM

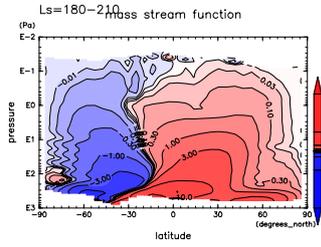


Figure 142: MSF at  $L_S=180^\circ-210^\circ$  by DCPAM

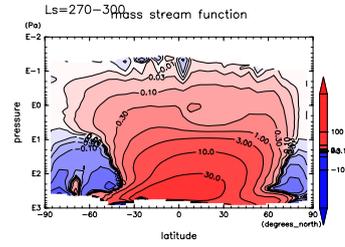


Figure 145: MSF at  $L_S=270^\circ-300^\circ$  by DCPAM

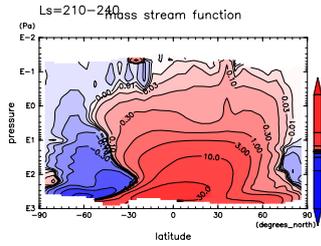


Figure 143: MSF at  $L_S=210^\circ-240^\circ$  by DCPAM

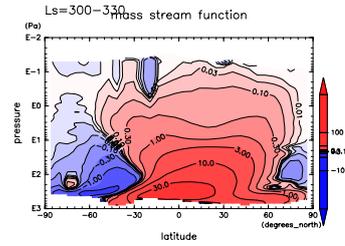


Figure 146: MSF at  $L_S=300^\circ-330^\circ$  by DCPAM

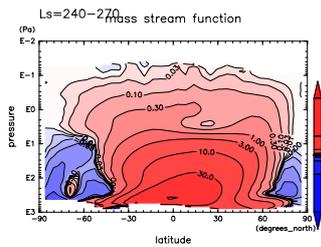


Figure 144: MSF at  $L_S=240^\circ-270^\circ$  by DCPAM

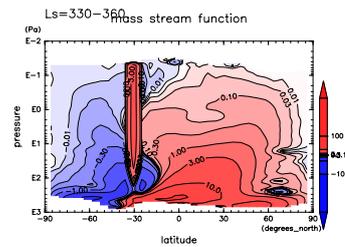


Figure 147: MSF at  $L_S=330^\circ-360^\circ$  by DCPAM

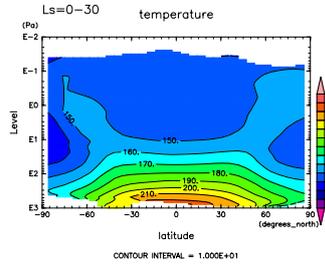


Figure 148: Temp at  $L_s=0^\circ-30^\circ$  by DCPAM

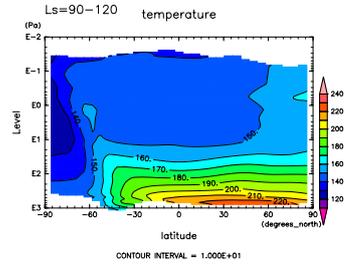


Figure 151: Temp at  $L_s=90^\circ-120^\circ$  by DCPAM

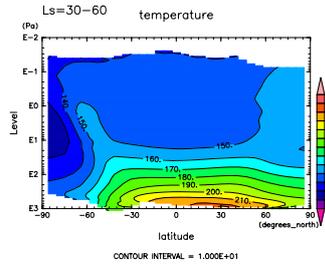


Figure 149: Temp at  $L_s=30^\circ-60^\circ$  by DCPAM

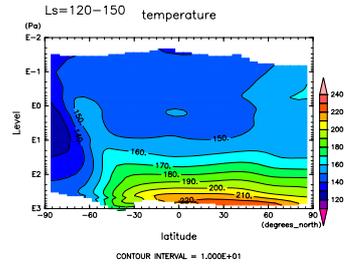


Figure 152: Temp at  $L_s=120^\circ-150^\circ$  by DCPAM

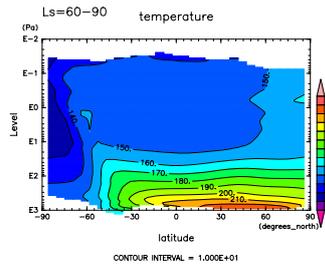


Figure 150: Temp at  $L_s=60^\circ-90^\circ$  by DCPAM

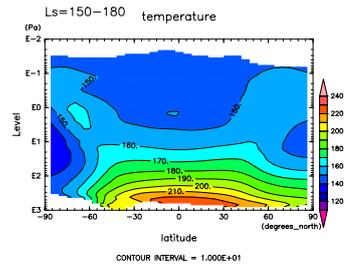


Figure 153: Temp at  $L_s=150^\circ-180^\circ$  by DCPAM

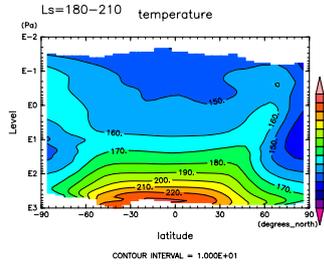


Figure 154: Temp at  $L_S=180^\circ-210^\circ$  by DCPAM

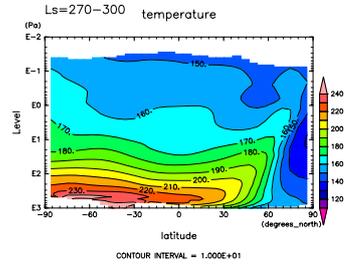


Figure 157: Temp at  $L_S=270^\circ-300^\circ$  by DCPAM

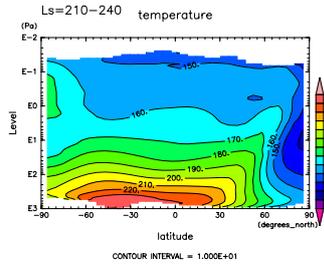


Figure 155: Temp at  $L_S=210^\circ-240^\circ$  by DCPAM

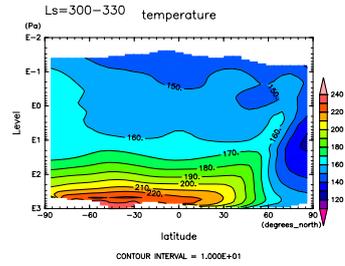


Figure 158: Temp at  $L_S=300^\circ-330^\circ$  by DCPAM

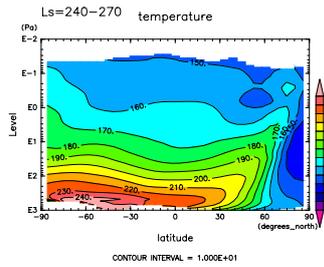


Figure 156: Temp at  $L_S=240^\circ-270^\circ$  by DCPAM

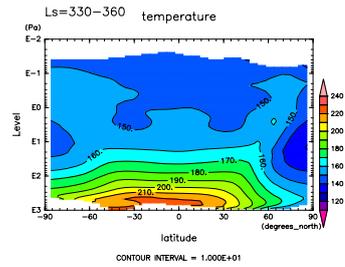


Figure 159: Temp at  $L_S=330^\circ-360^\circ$  by DCPAM

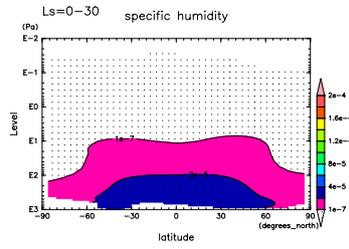


Figure 160: QH2OVap at  $L_s=0^\circ-30^\circ$  by DCPAM

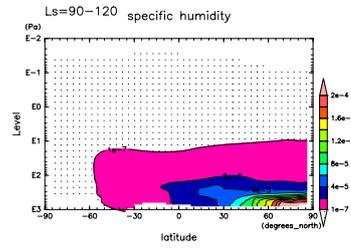


Figure 163: QH2OVap at  $L_s=90^\circ-120^\circ$  by DCPAM

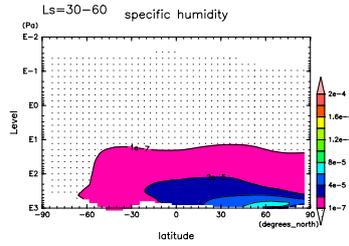


Figure 161: QH2OVap at  $L_s=30^\circ-60^\circ$  by DCPAM

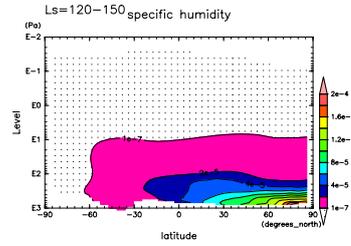


Figure 164: QH2OVap at  $L_s=120^\circ-150^\circ$  by DCPAM

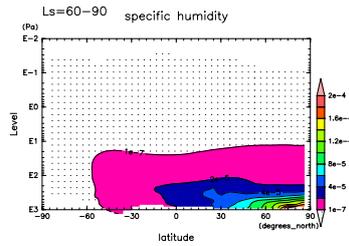


Figure 162: QH2OVap at  $L_s=60^\circ-90^\circ$  by DCPAM

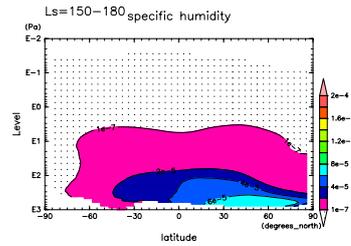


Figure 165: QH2OVap at  $L_s=150^\circ-180^\circ$  by DCPAM

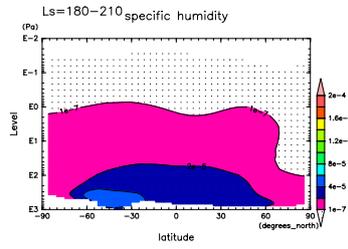


Figure 166: QH2OVap at  $L_s=180^\circ-210^\circ$  by DCPAM

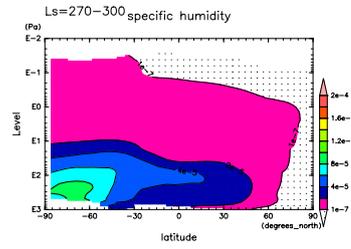


Figure 169: QH2OVap at  $L_s=270^\circ-300^\circ$  by DCPAM

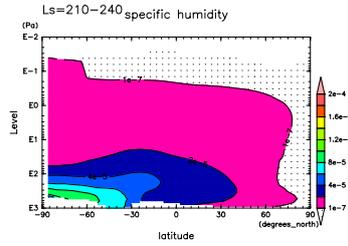


Figure 167: QH2OVap at  $L_s=210^\circ-240^\circ$  by DCPAM

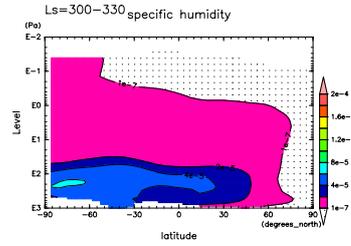


Figure 170: QH2OVap at  $L_s=300^\circ-330^\circ$  by DCPAM

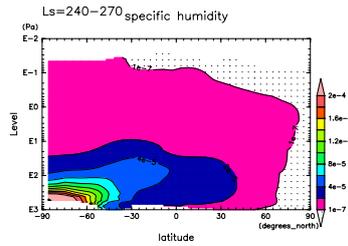


Figure 168: QH2OVap at  $L_s=240^\circ-270^\circ$  by DCPAM

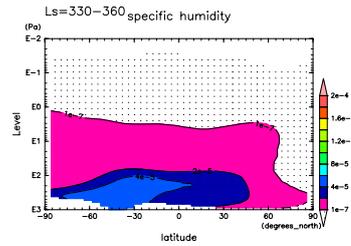


Figure 171: QH2OVap at  $L_s=330^\circ-360^\circ$  by DCPAM

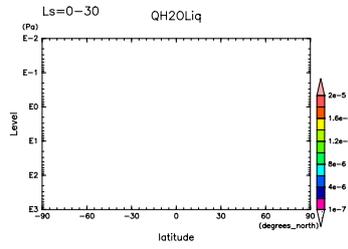


Figure 172: QH2OLiq at  $L_s=0^\circ-30^\circ$  by DCPAM

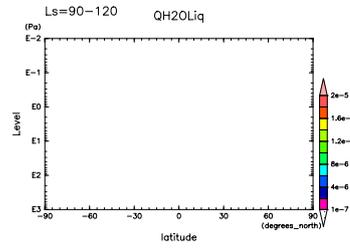


Figure 175: QH2OLiq at  $L_s=90^\circ-120^\circ$  by DCPAM

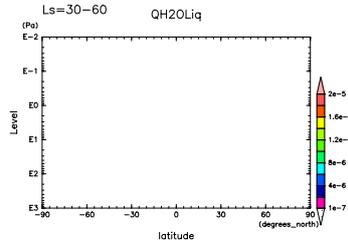


Figure 173: QH2OLiq at  $L_s=30^\circ-60^\circ$  by DCPAM

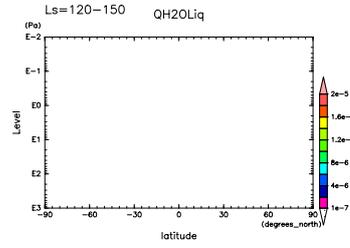


Figure 176: QH2OLiq at  $L_s=120^\circ-150^\circ$  by DCPAM

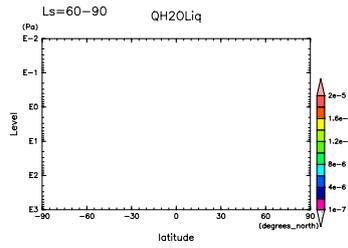


Figure 174: QH2OLiq at  $L_s=60^\circ-90^\circ$  by DCPAM

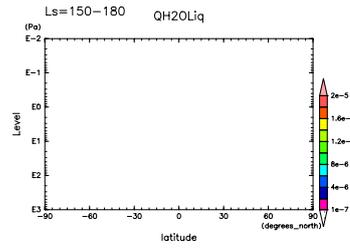


Figure 177: QH2OLiq at  $L_s=150^\circ-180^\circ$  by DCPAM



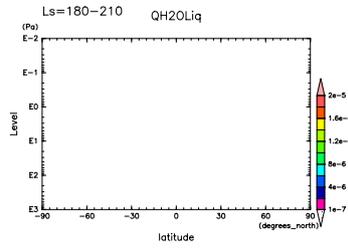


Figure 178: QH2OLiq at  $L_s=180^\circ-210^\circ$  by DCPAM

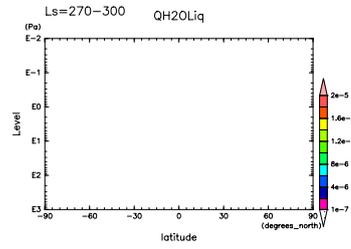


Figure 181: QH2OLiq at  $L_s=270^\circ-300^\circ$  by DCPAM

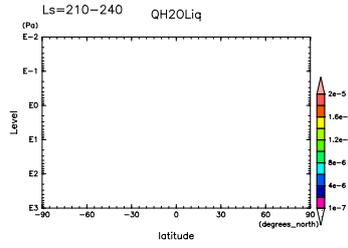


Figure 179: QH2OLiq at  $L_s=210^\circ-240^\circ$  by DCPAM

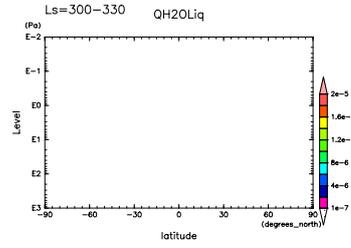


Figure 182: QH2OLiq at  $L_s=300^\circ-330^\circ$  by DCPAM

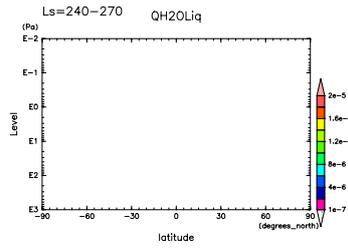


Figure 180: QH2OLiq at  $L_s=240^\circ-270^\circ$  by DCPAM

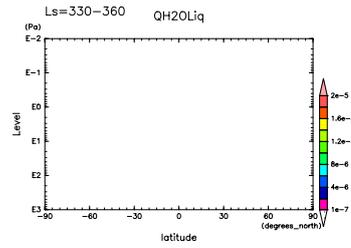


Figure 183: QH2OLiq at  $L_s=330^\circ-360^\circ$  by DCPAM

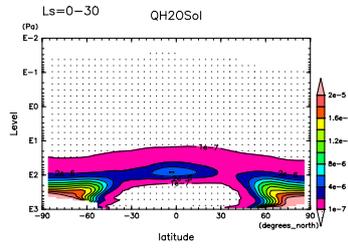


Figure 184: QH2OSol at  $L_s=0^\circ-30^\circ$  by DCPAM

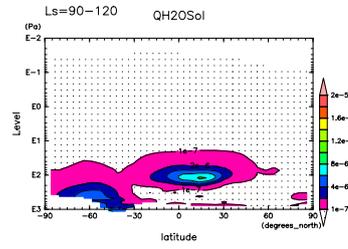


Figure 187: QH2OSol at  $L_s=90^\circ-120^\circ$  by DCPAM

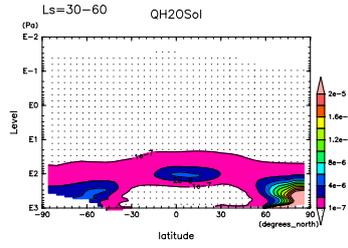


Figure 185: QH2OSol at  $L_s=30^\circ-60^\circ$  by DCPAM

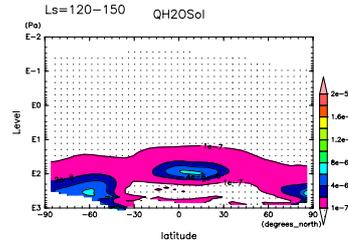


Figure 188: QH2OSol at  $L_s=120^\circ-150^\circ$  by DCPAM

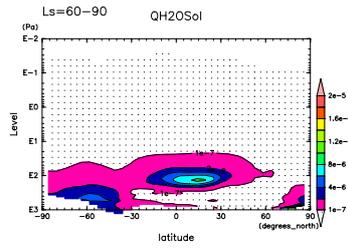


Figure 186: QH2OSol at  $L_s=60^\circ-90^\circ$  by DCPAM

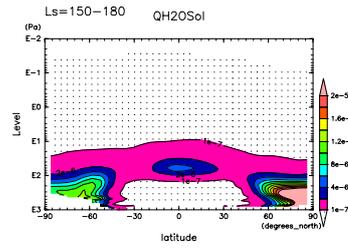


Figure 189: QH2OSol at  $L_s=150^\circ-180^\circ$  by DCPAM

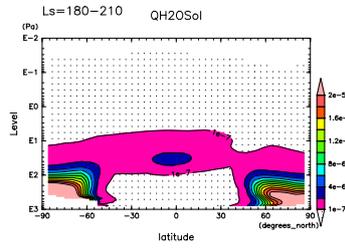


Figure 190: QH2OSol at  $L_s=180^\circ-210^\circ$  by DCPAM

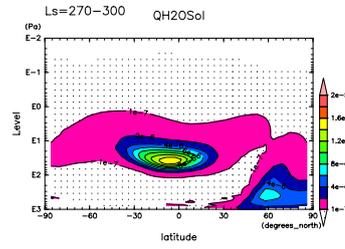


Figure 193: QH2OSol at  $L_s=270^\circ-300^\circ$  by DCPAM

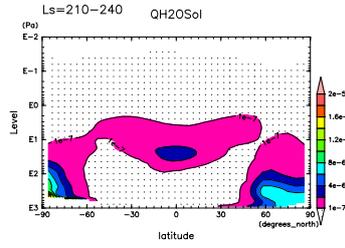


Figure 191: QH2OSol at  $L_s=210^\circ-240^\circ$  by DCPAM

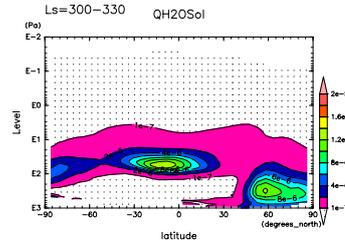


Figure 194: QH2OSol at  $L_s=300^\circ-330^\circ$  by DCPAM

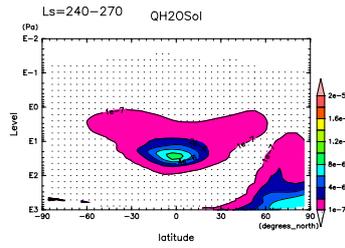


Figure 192: QH2OSol at  $L_s=240^\circ-270^\circ$  by DCPAM

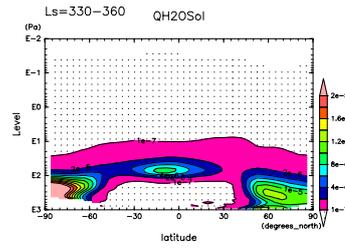


Figure 195: QH2OSol at  $L_s=330^\circ-360^\circ$  by DCPAM

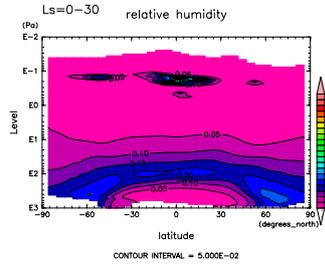


Figure 196: RH at  $L_s=0^\circ-30^\circ$  by DCPAM

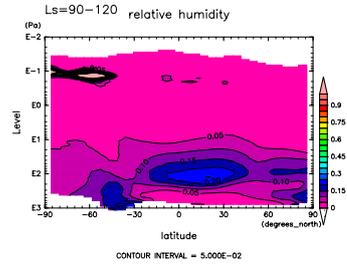


Figure 199: RH at  $L_s=90^\circ-120^\circ$  by DCPAM

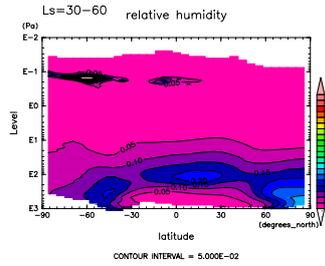


Figure 197: RH at  $L_s=30^\circ-60^\circ$  by DCPAM

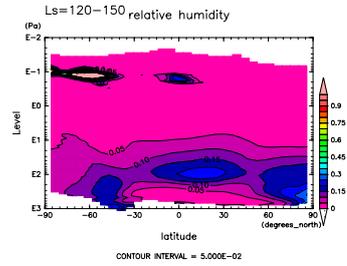


Figure 200: RH at  $L_s=120^\circ-150^\circ$  by DCPAM

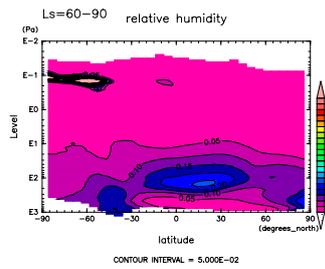


Figure 198: RH at  $L_s=60^\circ-90^\circ$  by DCPAM

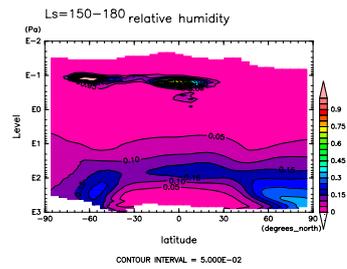


Figure 201: RH at  $L_s=150^\circ-180^\circ$  by DCPAM

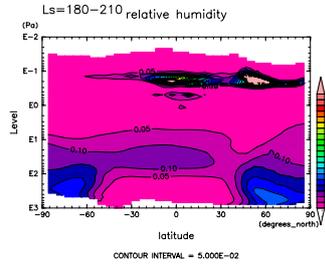


Figure 202: RH at  $L_S=180^\circ-210^\circ$  by DCPAM

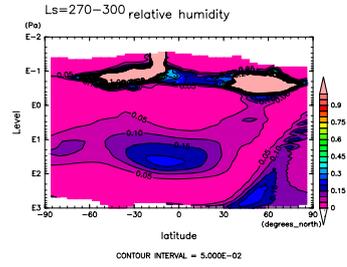


Figure 205: RH at  $L_S=270^\circ-300^\circ$  by DCPAM

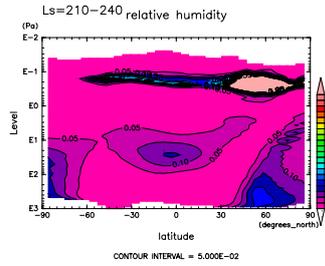


Figure 203: RH at  $L_S=210^\circ-240^\circ$  by DCPAM

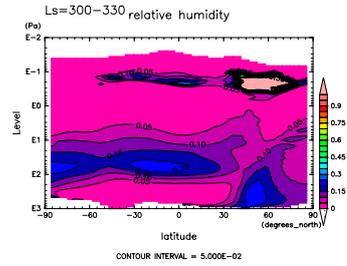


Figure 206: RH at  $L_S=300^\circ-330^\circ$  by DCPAM

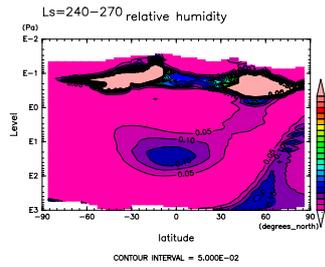


Figure 204: RH at  $L_S=240^\circ-270^\circ$  by DCPAM

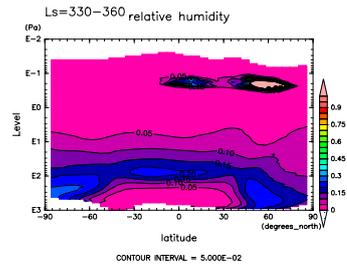


Figure 207: RH at  $L_S=330^\circ-360^\circ$  by DCPAM

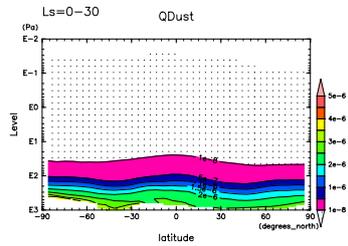


Figure 208: QDust at  $L_S=0^\circ-30^\circ$  by DCPAM

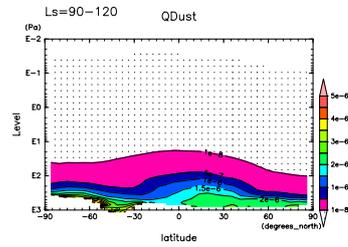


Figure 211: QDust at  $L_S=90^\circ-120^\circ$  by DCPAM

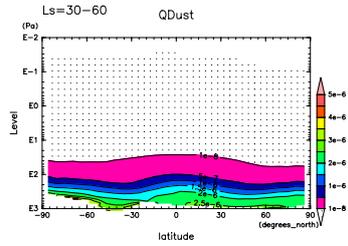


Figure 209: QDust at  $L_S=30^\circ-60^\circ$  by DCPAM

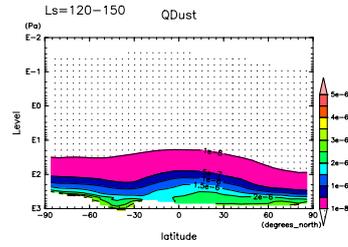


Figure 212: QDust at  $L_S=120^\circ-150^\circ$  by DCPAM

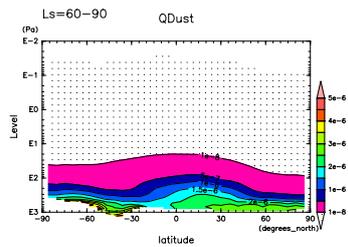


Figure 210: QDust at  $L_S=60^\circ-90^\circ$  by DCPAM

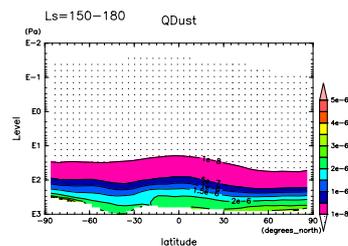


Figure 213: QDust at  $L_S=150^\circ-180^\circ$  by DCPAM

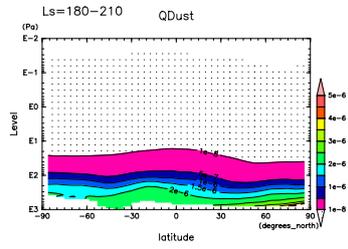


Figure 214: QDust at  $L_S=180^\circ-210^\circ$  by DCPAM

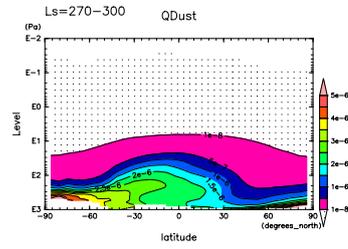


Figure 217: QDust at  $L_S=270^\circ-300^\circ$  by DCPAM

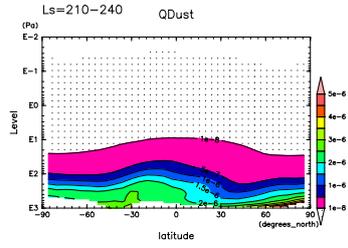


Figure 215: QDust at  $L_S=210^\circ-240^\circ$  by DCPAM

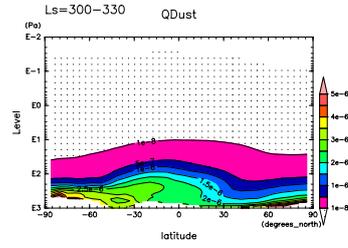


Figure 218: QDust at  $L_S=300^\circ-330^\circ$  by DCPAM

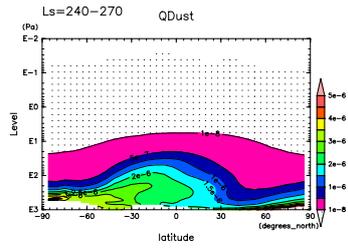


Figure 216: QDust at  $L_S=240^\circ-270^\circ$  by DCPAM

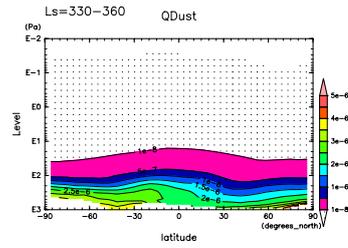


Figure 219: QDust at  $L_S=330^\circ-360^\circ$  by DCPAM

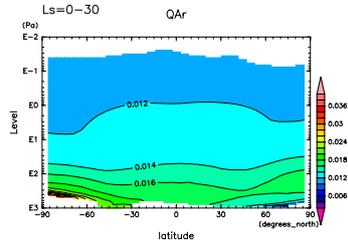


Figure 220: QAr at  $L_s=0^\circ-30^\circ$  by DC-PAM

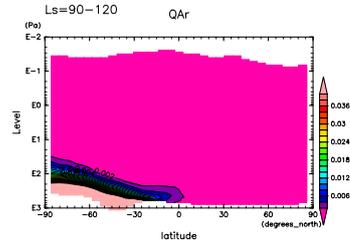


Figure 223: QAr at  $L_s=90^\circ-120^\circ$  by DCPAM

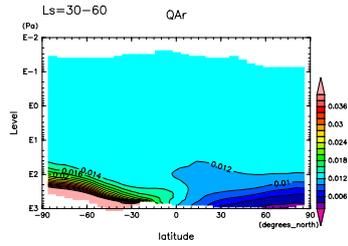


Figure 221: QAr at  $L_s=30^\circ-60^\circ$  by DCPAM

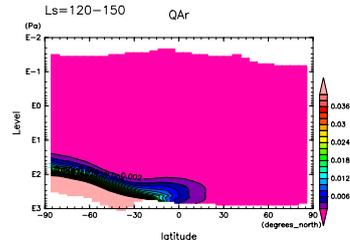


Figure 224: QAr at  $L_s=120^\circ-150^\circ$  by DCPAM

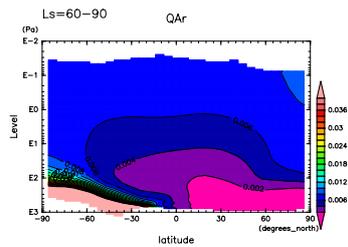


Figure 222: QAr at  $L_s=60^\circ-90^\circ$  by DCPAM

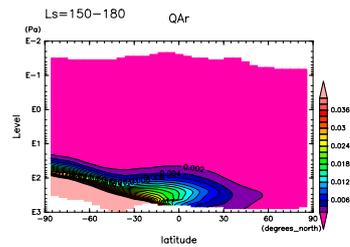


Figure 225: QAr at  $L_s=150^\circ-180^\circ$  by DCPAM



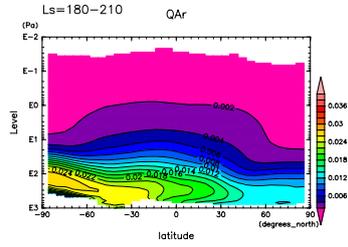


Figure 226: QAr at  $L_s=180^\circ-210^\circ$  by DCPAM

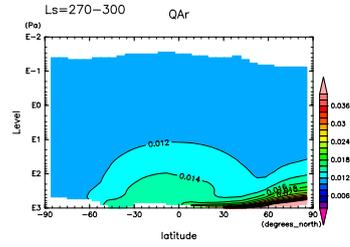


Figure 229: QAr at  $L_s=270^\circ-300^\circ$  by DCPAM

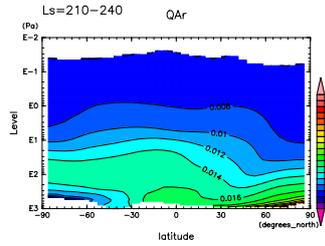


Figure 227: QAr at  $L_s=210^\circ-240^\circ$  by DCPAM

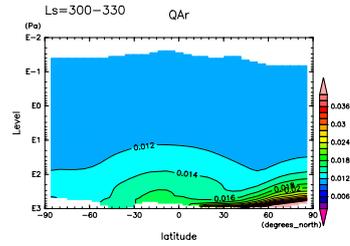


Figure 230: QAr at  $L_s=300^\circ-330^\circ$  by DCPAM

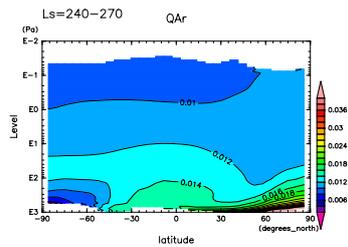


Figure 228: QAr at  $L_s=240^\circ-270^\circ$  by DCPAM

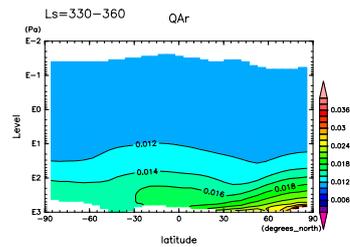


Figure 231: QAr at  $L_s=330^\circ-360^\circ$  by DCPAM

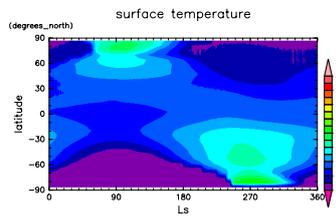


Figure 232:  $T_s$  at 02 LST by DCPAM

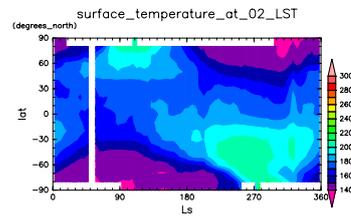


Figure 234:  $T_s$  at 02 LST by MGS

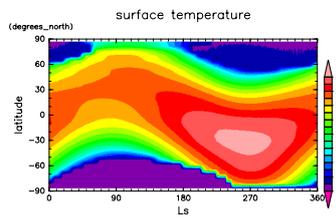


Figure 233:  $T_s$  at 14 LST by DCPAM

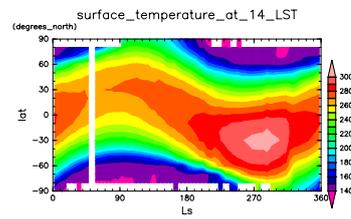


Figure 235:  $T_s$  at 14 LST by MGS

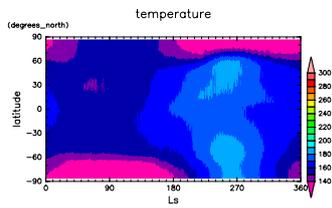


Figure 236: T at 18 Pa and at 02 LST by DCPAM

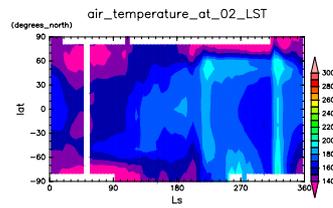


Figure 240: T at 18 Pa and at 02 LST by MGS

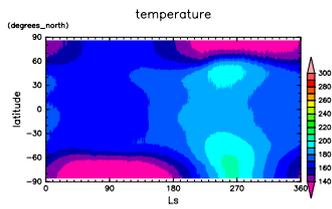


Figure 237: T at 50 Pa and at 02 LST by DCPAM

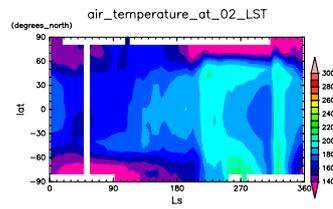


Figure 241: T at 50 Pa and at 02 LST by MGS

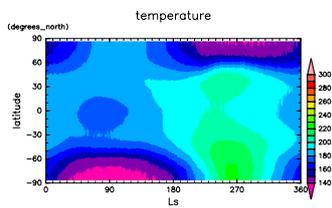


Figure 238: T at 136 Pa and at 02 LST by DCPAM

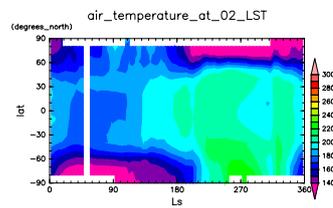


Figure 242: T at 136 Pa and at 02 LST by MGS

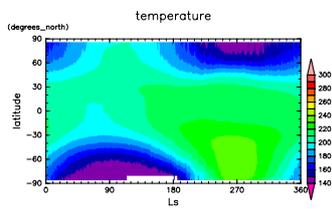


Figure 239: T at 370 Pa and at 02 LST by DCPAM

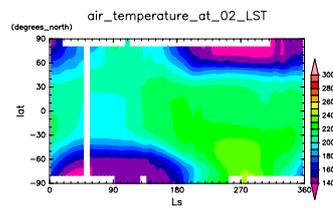


Figure 243: T at 370 Pa and at 02 LST by MGS

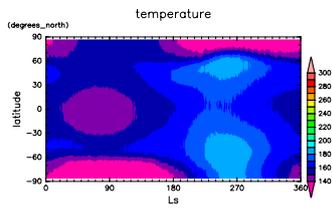


Figure 244: T at 18 Pa and at 14 LST by DCPAM

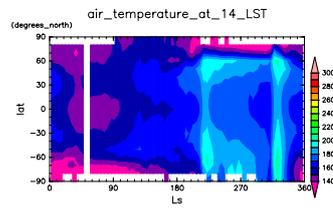


Figure 248: T at 18 Pa and at 14 LST by MGS

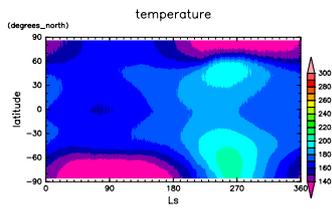


Figure 245: T at 50 Pa and at 14 LST by DCPAM

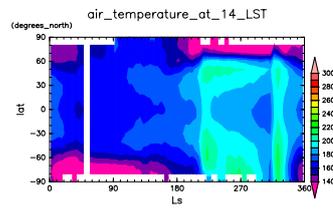


Figure 249: T at 50 Pa and at 14 LST by MGS

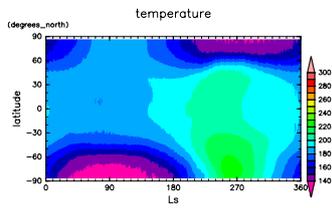


Figure 246: T at 136 Pa and at 14 LST by DCPAM

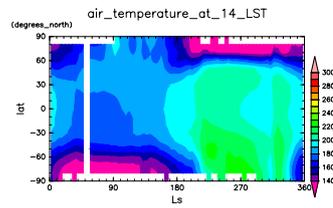


Figure 250: T at 136 Pa and at 14 LST by MGS

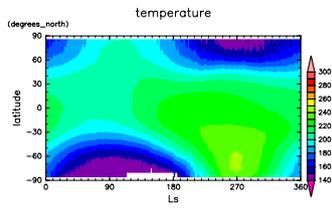


Figure 247: T at 370 Pa and at 14 LST by DCPAM

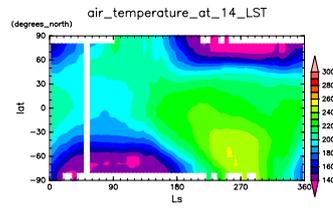


Figure 251: T at 370 Pa and at 14 LST by MGS

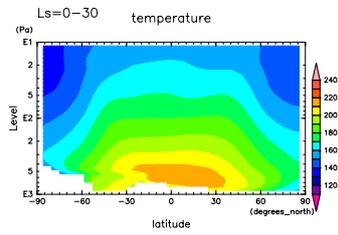


Figure 252: Temp at 02 LST and Ls=0°-30° by DCPAM

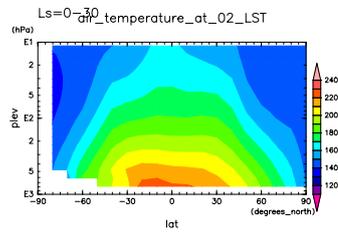


Figure 255: Temp at 02 LST and Ls=0°-30° by MGS

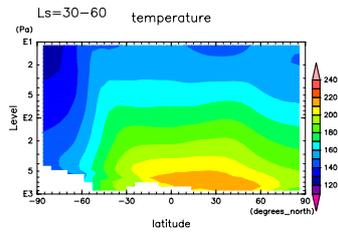


Figure 253: Temp at 02 LST and Ls=30°-60° by DCPAM

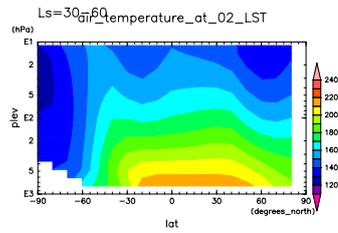


Figure 256: Temp at 02 LST and Ls=30°-60° by MGS

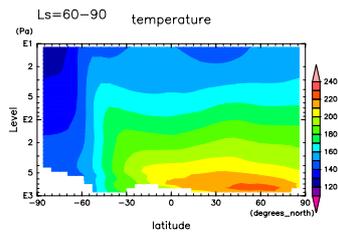


Figure 254: Temp at 02 LST and Ls=60°-90° by DCPAM

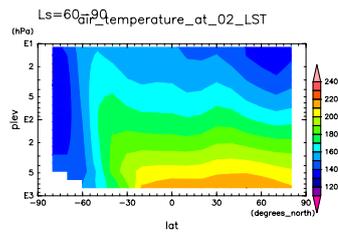


Figure 257: Temp at 02 LST and Ls=60°-90° by MGS

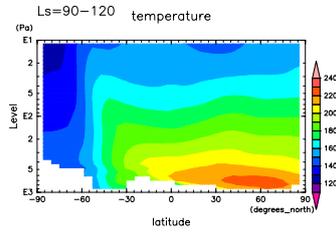


Figure 258: Temp at 02 LST and Ls=90°-120° by DCPAM

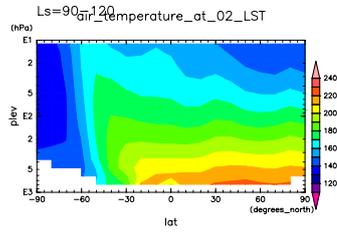


Figure 261: Temp at 02 LST and Ls=90°-120° by MGS

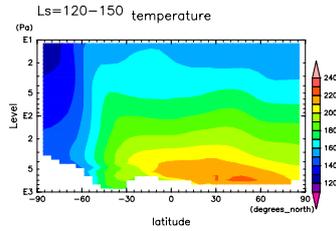


Figure 259: Temp at 02 LST and Ls=120°-150° by DCPAM

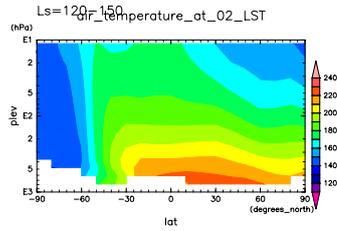


Figure 262: Temp at 02 LST and Ls=120°-150° by MGS

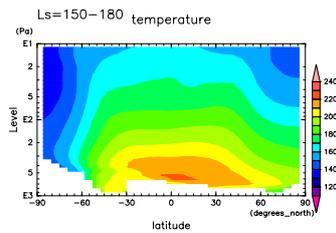


Figure 260: Temp at 02 LST and Ls=150°-180° by DCPAM

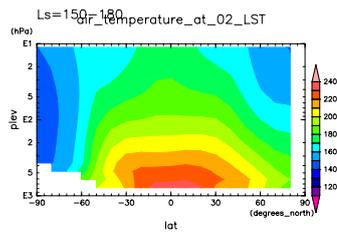


Figure 263: Temp at 02 LST and Ls=150°-180° by MGS

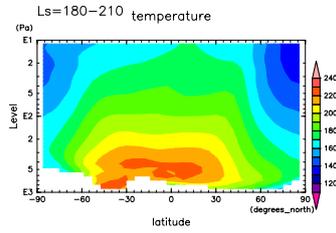


Figure 264: Temp at 02 LST and Ls=180°-210° by DCPAM

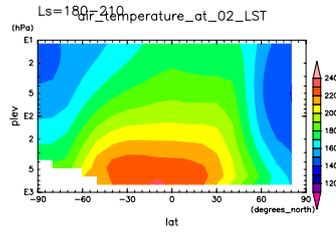


Figure 267: Temp at 02 LST and Ls=180°-210° by MGS

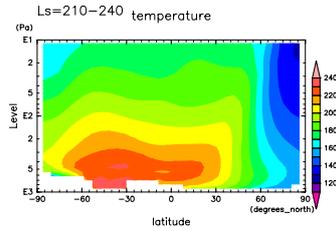


Figure 265: Temp at 02 LST and Ls=210°-240° by DCPAM

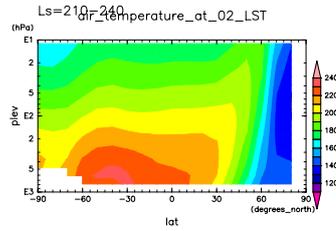


Figure 268: Temp at 02 LST and Ls=210°-240° by MGS

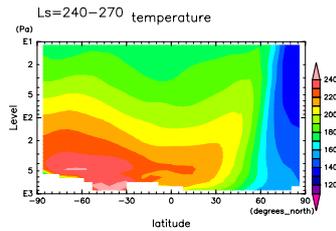


Figure 266: Temp at 02 LST and Ls=240°-270° by DCPAM

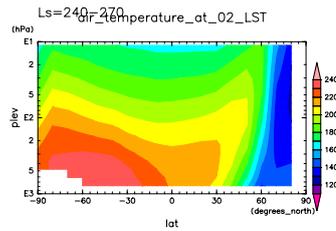


Figure 269: Temp at 02 LST and Ls=240°-270° by MGS

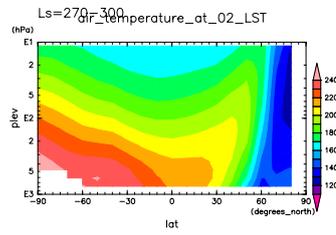
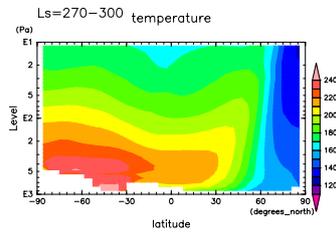


Figure 270: Temp at 02 LST and Ls=270°-300° by DCPAM

Figure 273: Temp at 02 LST and Ls=270°-300° by MGS

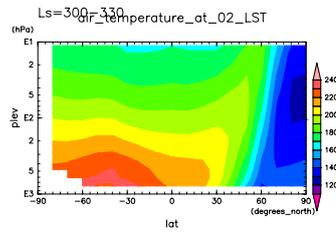
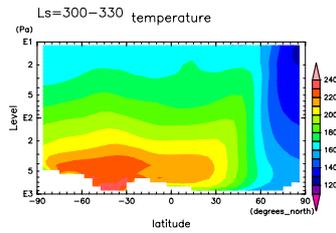


Figure 271: Temp at 02 LST and Ls=300°-330° by DCPAM

Figure 274: Temp at 02 LST and Ls=300°-330° by MGS

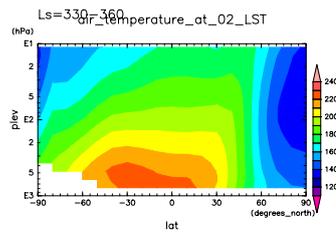
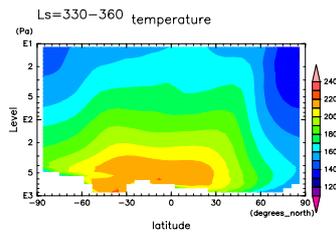


Figure 272: Temp at 02 LST and Ls=330°-360° by DCPAM

Figure 275: Temp at 02 LST and Ls=330°-360° by MGS



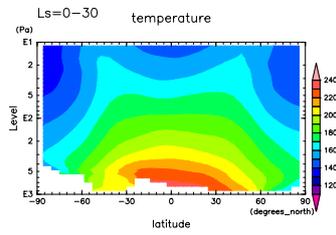


Figure 276: Temp at 14 LST and Ls=0°-30° by DCPAM

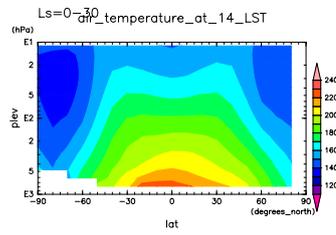


Figure 279: Temp at 14 LST and Ls=0°-30° by MGS

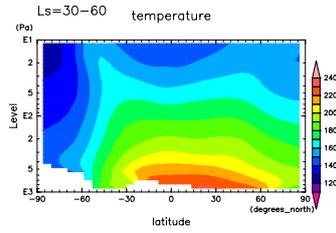


Figure 277: Temp at 14 LST and Ls=30°-60° by DCPAM

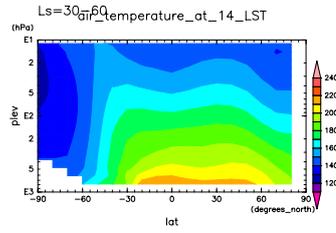


Figure 280: Temp at 14 LST and Ls=30°-60° by MGS

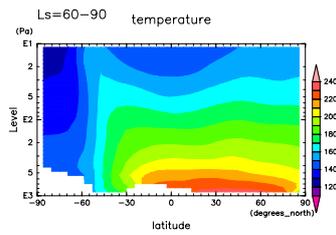


Figure 278: Temp at 14 LST and Ls=60°-90° by DCPAM

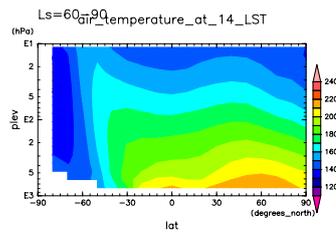


Figure 281: Temp at 14 LST and Ls=60°-90° by MGS

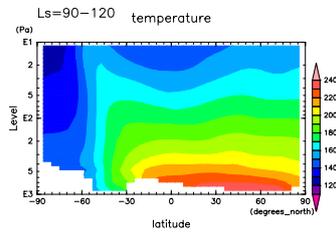


Figure 282: Temp at 14 LST and Ls=90°-120° by DCPAM

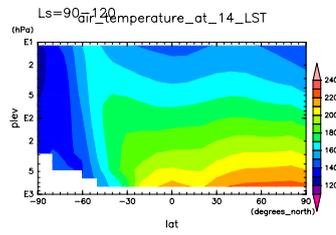


Figure 285: Temp at 14 LST and Ls=90°-120° by MGS

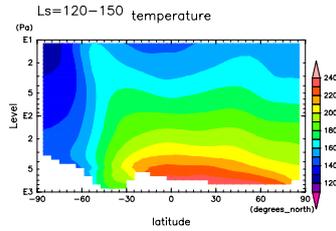


Figure 283: Temp at 14 LST and Ls=120°-150° by DCPAM

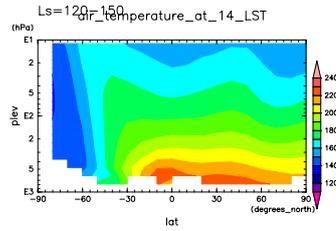


Figure 286: Temp at 14 LST and Ls=120°-150° by MGS

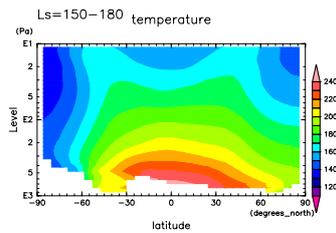


Figure 284: Temp at 14 LST and Ls=150°-180° by DCPAM

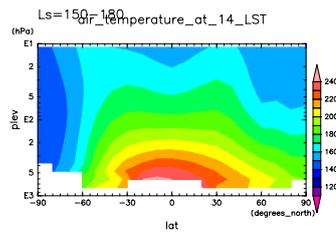


Figure 287: Temp at 14 LST and Ls=150°-180° by MGS

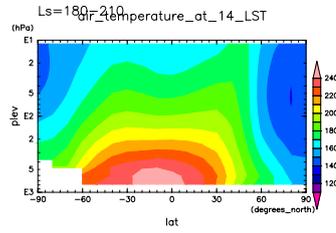
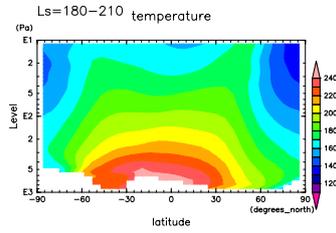


Figure 288: Temp at 14 LST and Ls=180°-210° by DCPAM

Figure 291: Temp at 14 LST and Ls=180°-210° by MGS

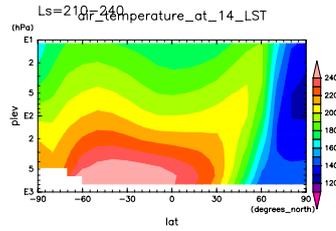
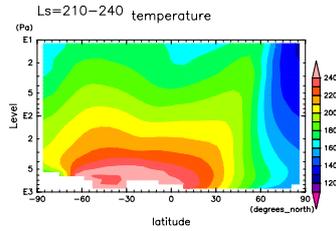


Figure 289: Temp at 14 LST and Ls=210°-240° by DCPAM

Figure 292: Temp at 14 LST and Ls=210°-240° by MGS

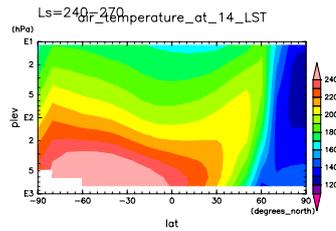
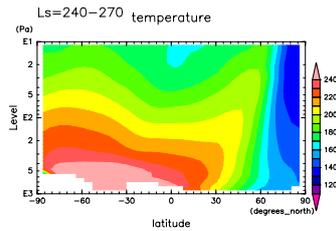


Figure 290: Temp at 14 LST and Ls=240°-270° by DCPAM

Figure 293: Temp at 14 LST and Ls=240°-270° by MGS

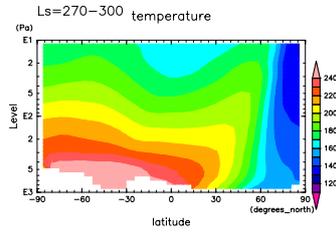


Figure 294: Temp at 14 LST and Ls=270°-300° by DCPAM

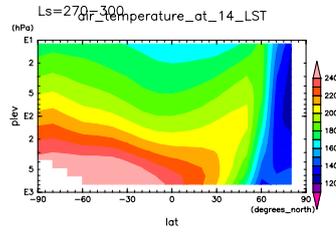


Figure 297: Temp at 14 LST and Ls=270°-300° by MGS

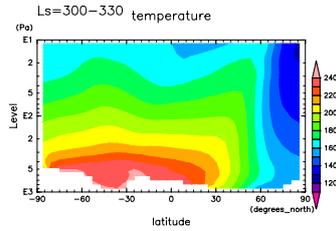


Figure 295: Temp at 14 LST and Ls=300°-330° by DCPAM

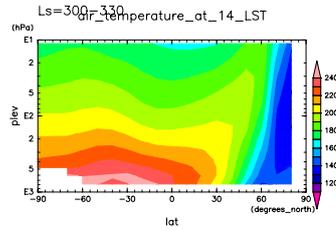


Figure 298: Temp at 14 LST and Ls=300°-330° by MGS

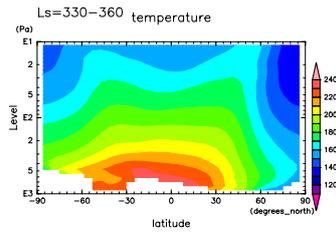


Figure 296: Temp at 14 LST and Ls=330°-360° by DCPAM

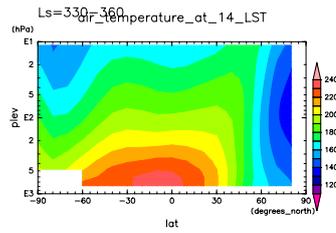


Figure 299: Temp at 14 LST and Ls=330°-360° by MGS

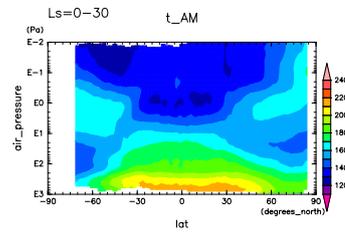
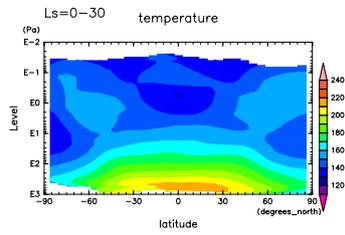


Figure 300: Temp at 03 LST and Ls=0°-30° by DCPAM

Figure 303: Temp at 03 LST and Ls=0°-30° by MRO

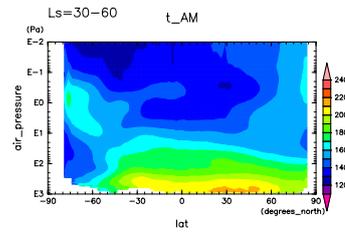
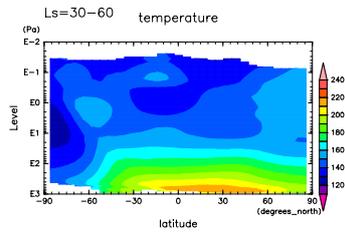


Figure 301: Temp at 03 LST and Ls=30°-60° by DCPAM

Figure 304: Temp at 03 LST and Ls=30°-60° by MRO

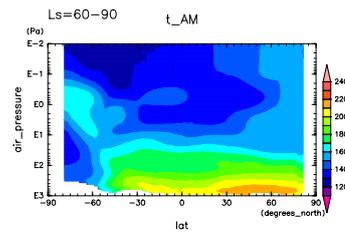
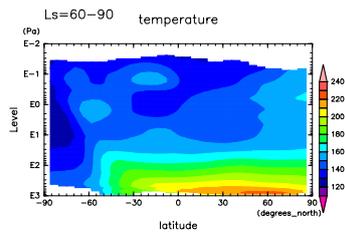


Figure 302: Temp at 03 LST and Ls=60°-90° by DCPAM

Figure 305: Temp at 03 LST and Ls=60°-90° by MRO

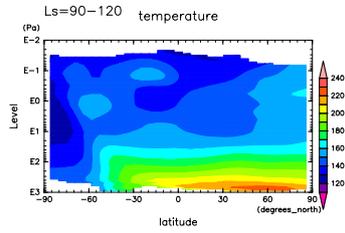


Figure 306: Temp at 03 LST and Ls=90°-120° by DCPAM

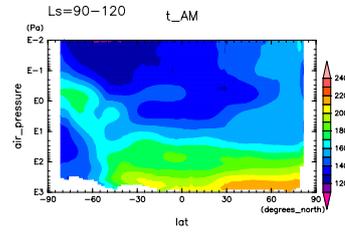


Figure 309: Temp at 03 LST and Ls=90°-120° by MRO

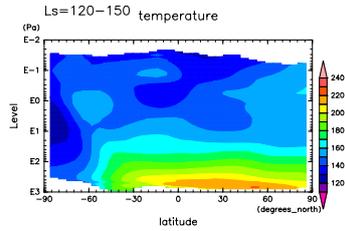


Figure 307: Temp at 03 LST and Ls=120°-150° by DCPAM

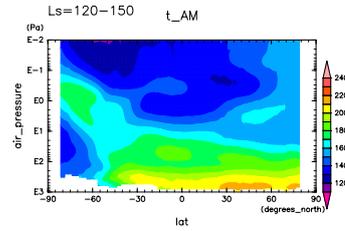


Figure 310: Temp at 03 LST and Ls=120°-150° by MRO

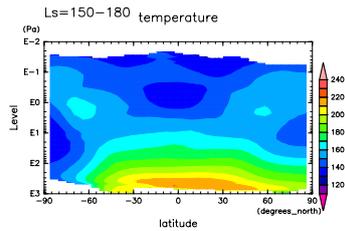


Figure 308: Temp at 03 LST and Ls=150°-180° by DCPAM

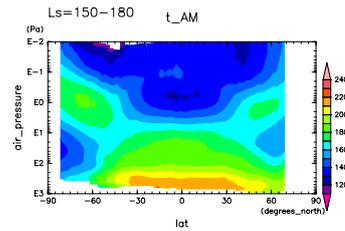


Figure 311: Temp at 03 LST and Ls=150°-180° by MRO

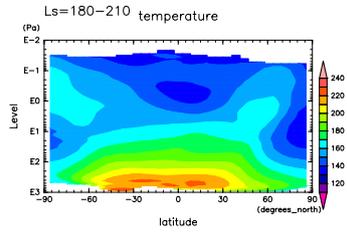


Figure 312: Temp at 03 LST and Ls=180°-210° by DCPAM

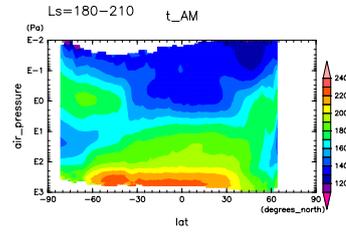


Figure 315: Temp at 03 LST and Ls=180°-210° by MRO

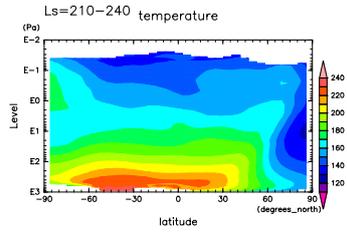


Figure 313: Temp at 03 LST and Ls=210°-240° by DCPAM

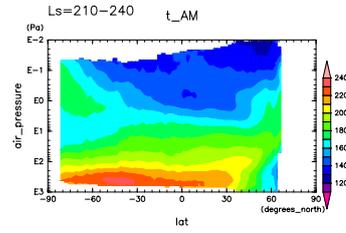


Figure 316: Temp at 03 LST and Ls=210°-240° by MRO

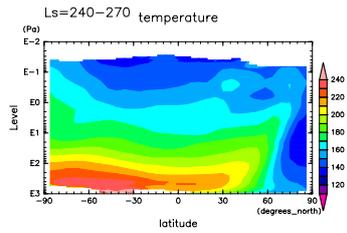


Figure 314: Temp at 03 LST and Ls=240°-270° by DCPAM

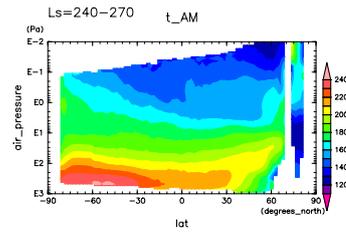


Figure 317: Temp at 03 LST and Ls=240°-270° by MRO

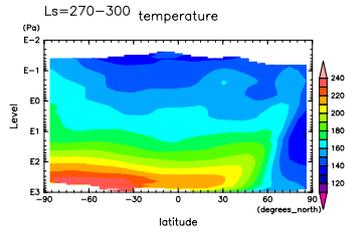


Figure 318: Temp at 03 LST and Ls=270°-300° by DCPAM

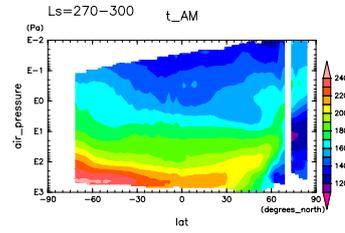


Figure 321: Temp at 03 LST and Ls=270°-300° by MRO

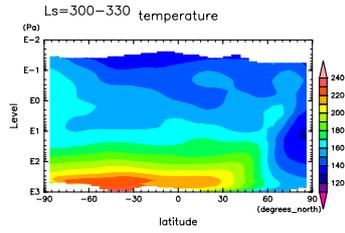


Figure 319: Temp at 03 LST and Ls=300°-330° by DCPAM

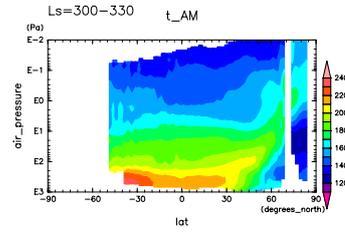


Figure 322: Temp at 03 LST and Ls=300°-330° by MRO

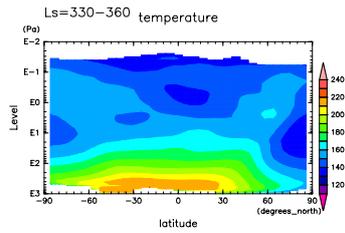


Figure 320: Temp at 03 LST and Ls=330°-360° by DCPAM

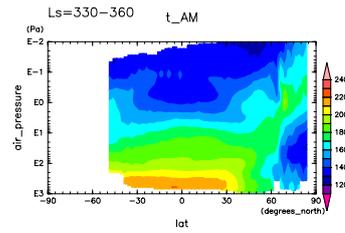


Figure 323: Temp at 03 LST and Ls=330°-360° by MRO



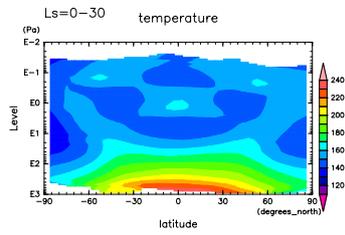


Figure 324: Temp at 15 LST and Ls=0°-30° by DCPAM

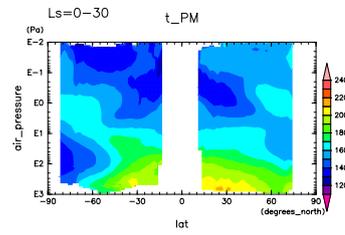


Figure 327: Temp at 15 LST and Ls=0°-30° by MRO

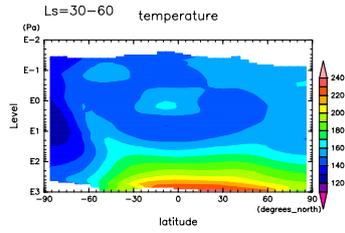


Figure 325: Temp at 15 LST and Ls=30°-60° by DCPAM

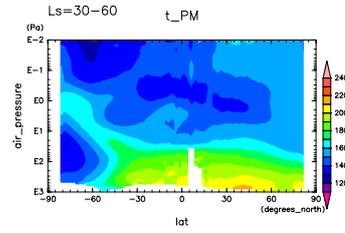


Figure 328: Temp at 15 LST and Ls=30°-60° by MRO

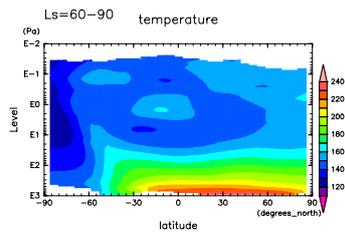


Figure 326: Temp at 15 LST and Ls=60°-90° by DCPAM

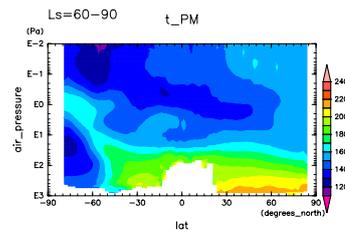


Figure 329: Temp at 15 LST and Ls=60°-90° by MRO

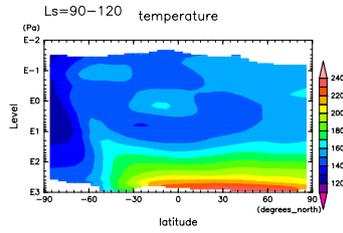


Figure 330: Temp at 15 LST and Ls=90°-120° by DCPAM

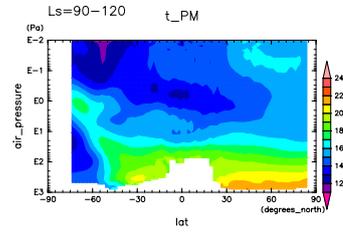


Figure 333: Temp at 15 LST and Ls=90°-120° by MRO

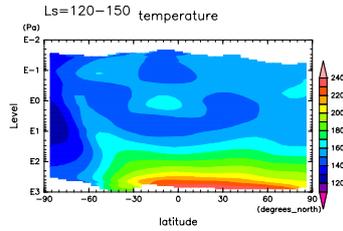


Figure 331: Temp at 15 LST and Ls=120°-150° by DCPAM

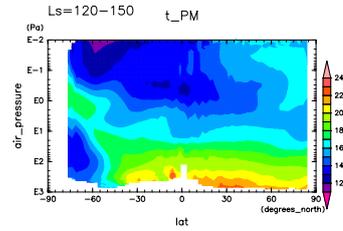


Figure 334: Temp at 15 LST and Ls=120°-150° by MRO

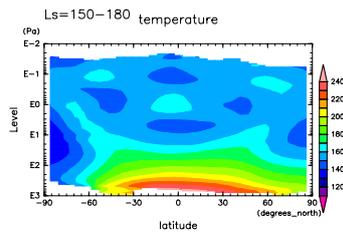


Figure 332: Temp at 15 LST and Ls=150°-180° by DCPAM

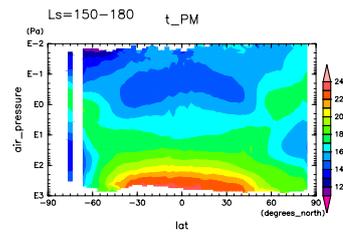


Figure 335: Temp at 15 LST and Ls=150°-180° by MRO

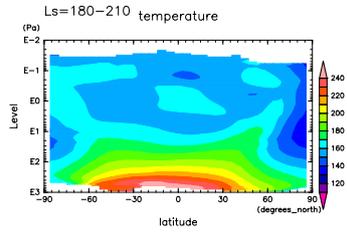


Figure 336: Temp at 15 LST and Ls=180°-210° by DCPAM

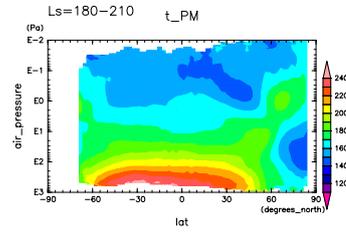


Figure 339: Temp at 15 LST and Ls=180°-210° by MRO

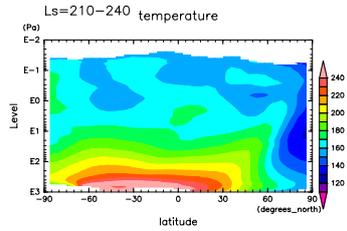


Figure 337: Temp at 15 LST and Ls=210°-240° by DCPAM

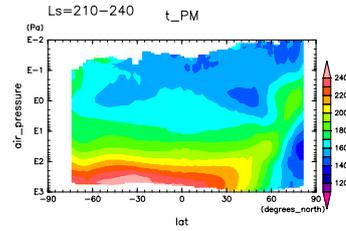


Figure 340: Temp at 15 LST and Ls=210°-240° by MRO

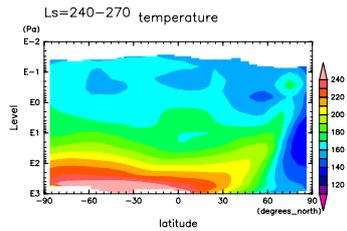


Figure 338: Temp at 15 LST and Ls=240°-270° by DCPAM

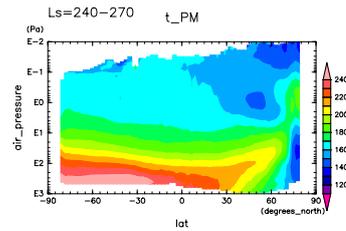


Figure 341: Temp at 15 LST and Ls=240°-270° by MRO

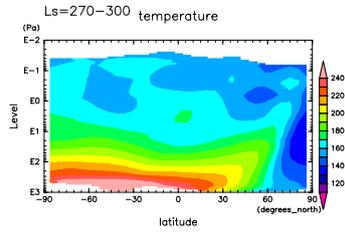


Figure 342: Temp at 15 LST and Ls=270°-300° by DCPAM

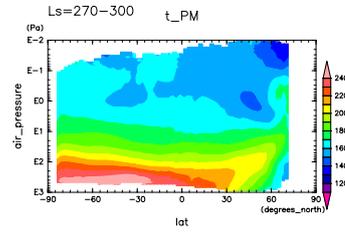


Figure 345: Temp at 15 LST and Ls=270°-300° by MRO

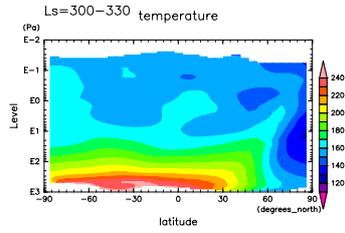


Figure 343: Temp at 15 LST and Ls=300°-330° by DCPAM

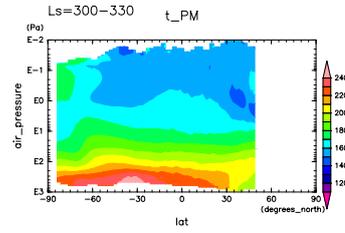


Figure 346: Temp at 15 LST and Ls=300°-330° by MRO

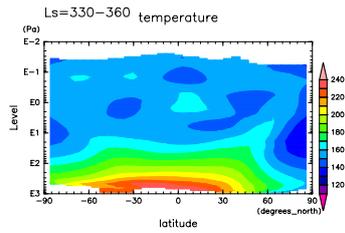


Figure 344: Temp at 15 LST and Ls=330°-360° by DCPAM

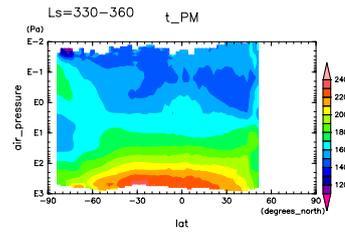


Figure 347: Temp at 15 LST and Ls=330°-360° by MRO

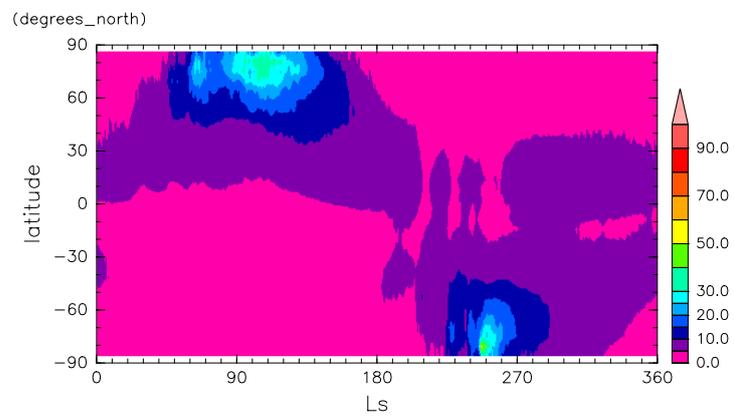


Figure 348: Column integrated water vapor by DCPAM

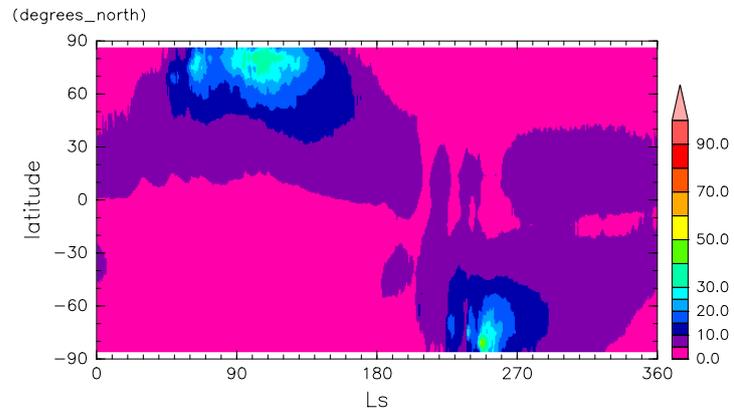


Figure 349: Column integrated water vapor by DCPAM

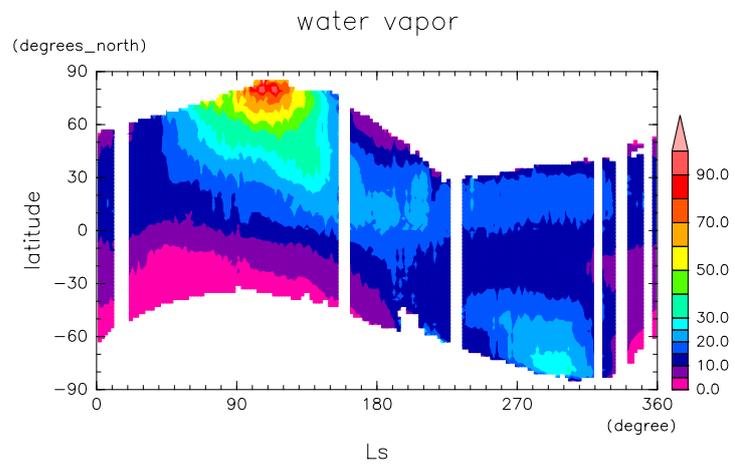


Figure 350: Column integrated water vapor observed by MGS-TES in MY25

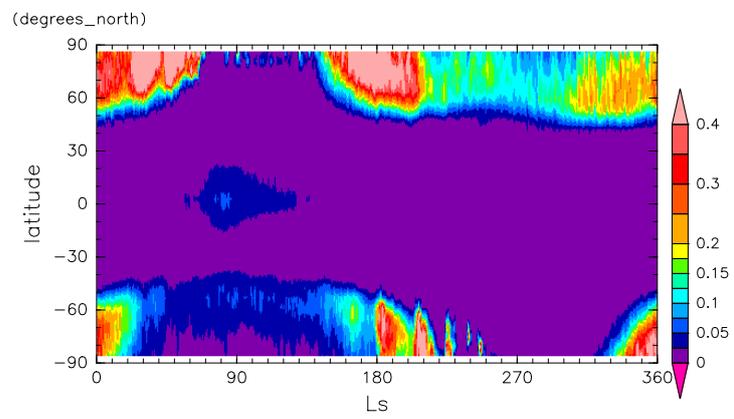


Figure 351: Optical depth of water ice by DCPAM

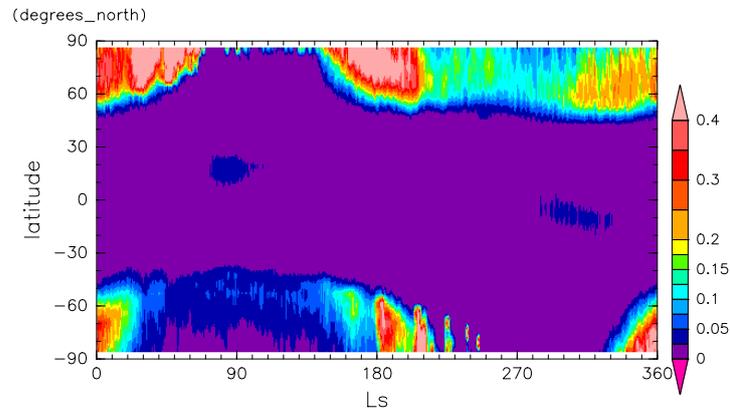


Figure 352: Optical depth of water ice by DCPAM

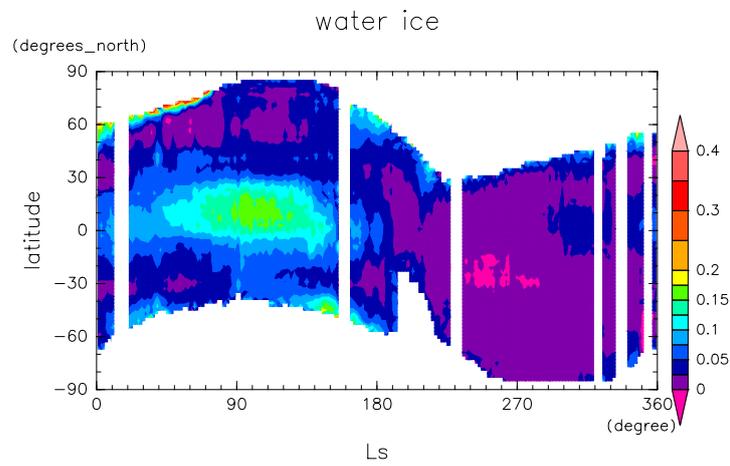


Figure 353: Optical depth of water ice observed by MGS-TES in MY25



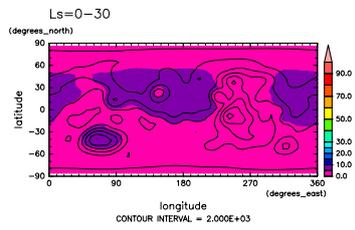


Figure 354: Prec. water at 02 LST and Ls=0°-30° by DCPAM

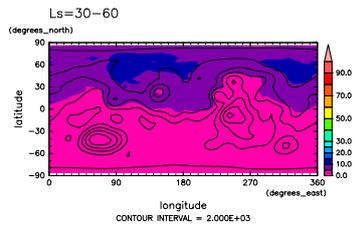


Figure 355: Prec. water at 02 LST and Ls=30°-60° by DCPAM

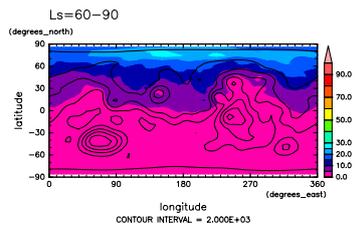


Figure 356: Prec. water at 02 LST and Ls=60°-90° by DCPAM

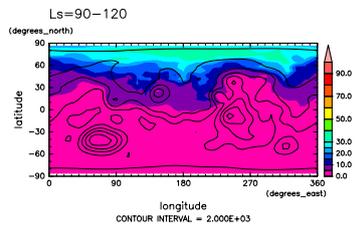


Figure 357: Prec. water at 02 LST and Ls=90°-120° by DCPAM

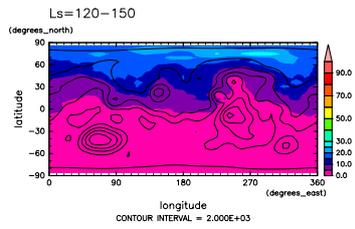


Figure 358: Prec. water at 02 LST and Ls=120°-150° by DCPAM

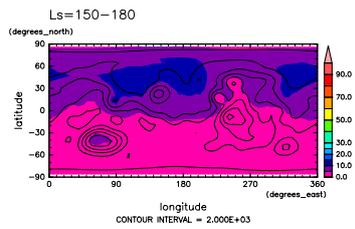


Figure 359: Prec. water at 02 LST and Ls=150°-180° by DCPAM

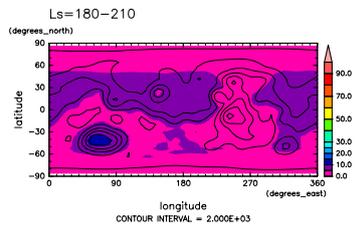


Figure 360: Prec. water at 02 LST and Ls=180°-210° by DCPAM

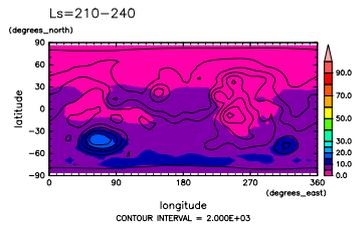


Figure 361: Prec. water at 02 LST and Ls=210°-240° by DCPAM

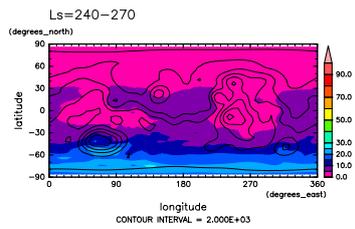


Figure 362: Prec. water at 02 LST and Ls=240°-270° by DCPAM

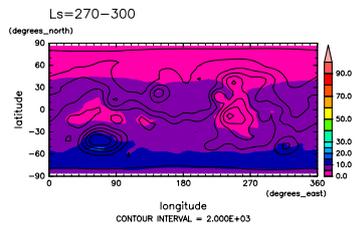


Figure 363: Prec. water at 02 LST and Ls=270°-300° by DCPAM

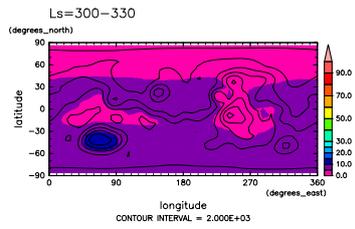


Figure 364: Prec. water at 02 LST and Ls=300°-330° by DCPAM

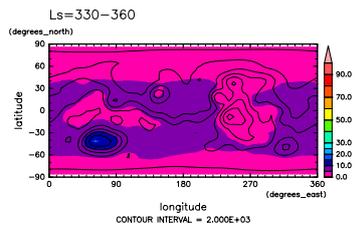


Figure 365: Prec. water at 02 LST and Ls=330°-360° by DCPAM

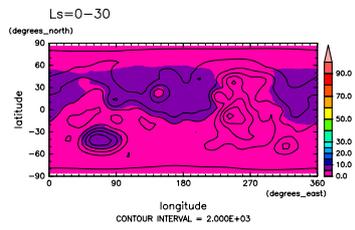


Figure 366: Prec. water at 14 LST and Ls=0°-30° by DCPAM

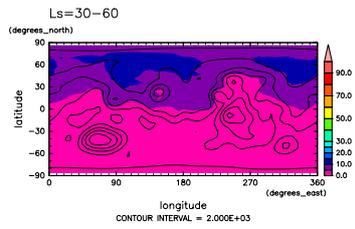


Figure 367: Prec. water at 14 LST and Ls=30°-60° by DCPAM

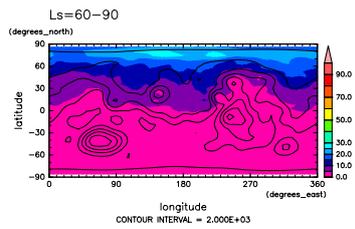


Figure 368: Prec. water at 14 LST and Ls=60°-90° by DCPAM

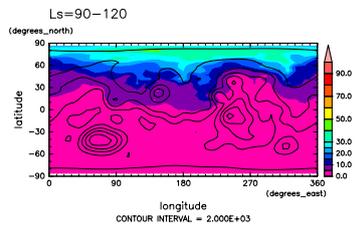


Figure 369: Prec. water at 14 LST and Ls=90°-120° by DCPAM

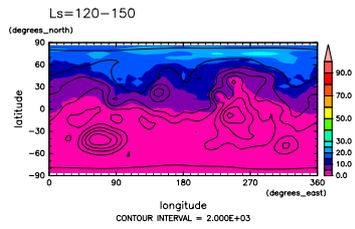


Figure 370: Prec. water at 14 LST and Ls=120°-150° by DCPAM

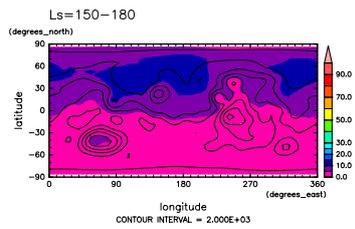


Figure 371: Prec. water at 14 LST and Ls=150°-180° by DCPAM

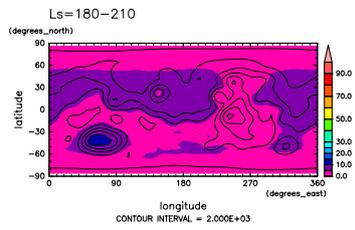


Figure 372: Prec. water at 14 LST and Ls=180°-210° by DCPAM

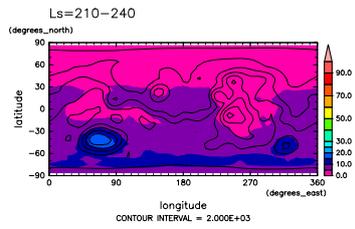


Figure 373: Prec. water at 14 LST and Ls=210°-240° by DCPAM

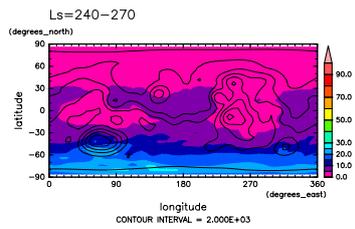


Figure 374: Prec. water at 14 LST and Ls=240°-270° by DCPAM

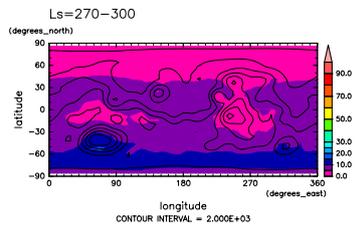


Figure 375: Prec. water at 14 LST and Ls=270°-300° by DCPAM

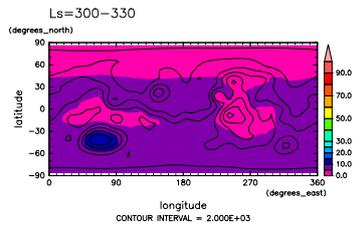


Figure 376: Prec. water at 14 LST and Ls=300°-330° by DCPAM

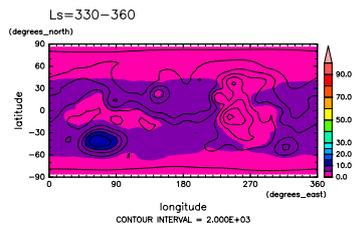


Figure 377: Prec. water at 14 LST and Ls=330°-360° by DCPAM



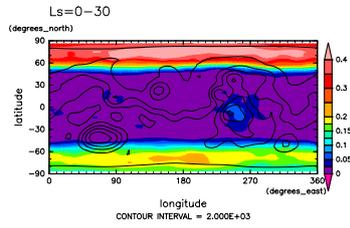


Figure 378: H<sub>2</sub>O ice cloud optical depth at 02 LST and Ls=0°-30° by DCPAM

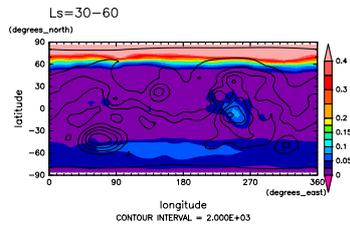


Figure 379: H<sub>2</sub>O ice cloud optical depth at 02 LST and Ls=30°-60° by DCPAM

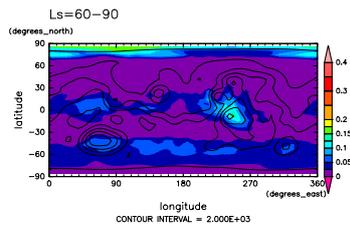


Figure 380: H<sub>2</sub>O ice cloud optical depth at 02 LST and Ls=60°-90° by DCPAM

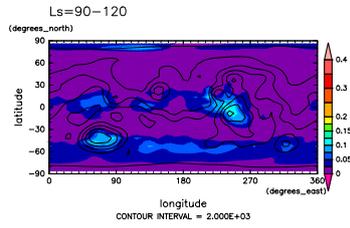


Figure 381: H<sub>2</sub>O ice cloud optical depth at 02 LST and Ls=90°-120° by DCPAM

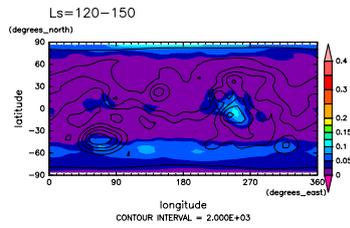


Figure 382: H<sub>2</sub>O ice cloud optical depth at 02 LST and Ls=120°-150° by DCPAM

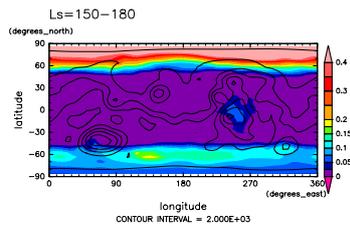


Figure 383: H<sub>2</sub>O ice cloud optical depth at 02 LST and Ls=150°-180° by DCPAM

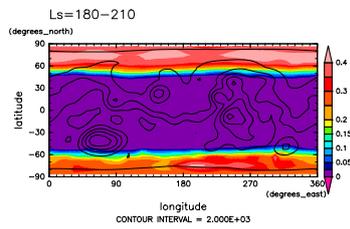


Figure 384: H<sub>2</sub>O ice cloud optical depth at 02 LST and Ls=180°-210° by DCPAM

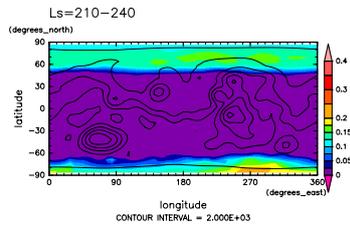


Figure 385: H<sub>2</sub>O ice cloud optical depth at 02 LST and Ls=210°-240° by DCPAM

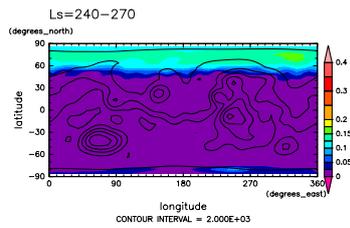


Figure 386: H<sub>2</sub>O ice cloud optical depth at 02 LST and Ls=240°-270° by DCPAM

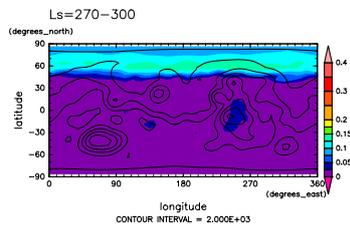


Figure 387: H<sub>2</sub>O ice cloud optical depth at 02 LST and Ls=270°-300° by DCPAM

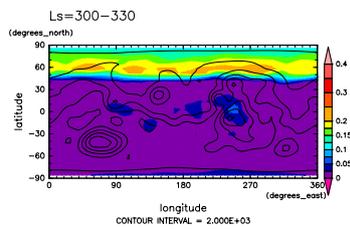


Figure 388: H<sub>2</sub>O ice cloud optical depth at 02 LST and Ls=300°-330° by DCPAM

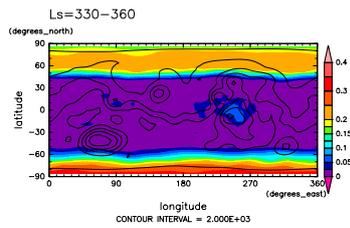


Figure 389: H<sub>2</sub>O ice cloud optical depth at 02 LST and Ls=330°-360° by DCPAM

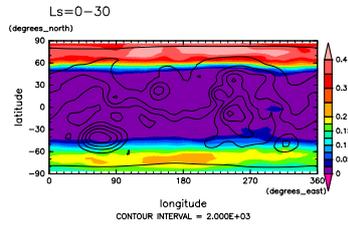


Figure 390: H<sub>2</sub>O ice cloud optical depth at 14 LST and Ls=0°-30° by DCPAM

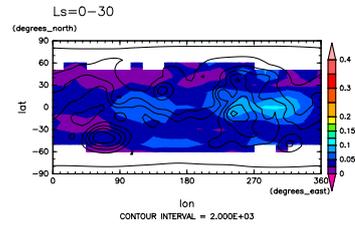


Figure 393: H<sub>2</sub>O ice cloud optical depth at 14 LST and Ls=0°-30° by MGS

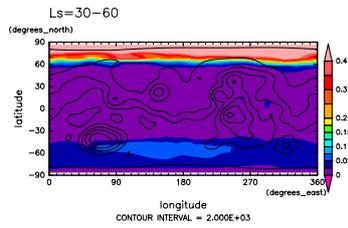


Figure 391: H<sub>2</sub>O ice cloud optical depth at 14 LST and Ls=30°-60° by DCPAM

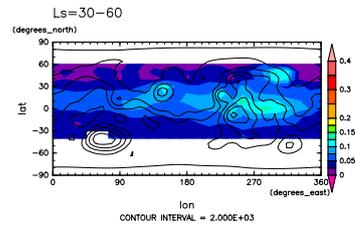


Figure 394: H<sub>2</sub>O ice cloud optical depth at 14 LST and Ls=30°-60° by MGS

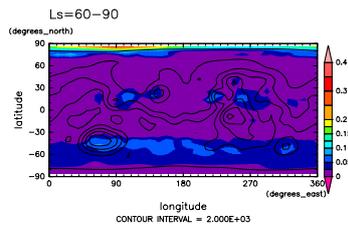


Figure 392: H<sub>2</sub>O ice cloud optical depth at 14 LST and Ls=60°-90° by DCPAM

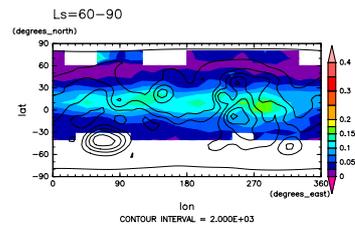


Figure 395: H<sub>2</sub>O ice cloud optical depth at 14 LST and Ls=60°-90° by MGS

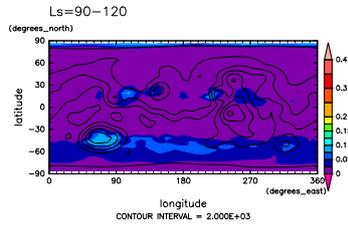


Figure 396: H<sub>2</sub>O ice cloud optical depth at 14 LST and Ls=90°-120° by DCPAM

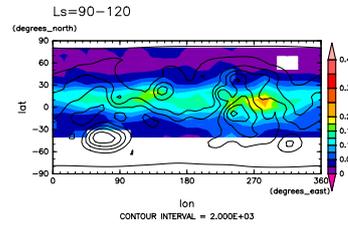


Figure 399: H<sub>2</sub>O ice cloud optical depth at 14 LST and Ls=90°-120° by MGS

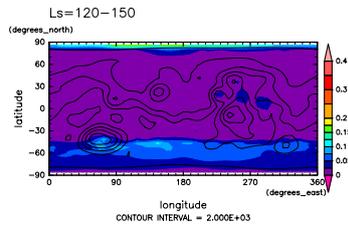


Figure 397: H<sub>2</sub>O ice cloud optical depth at 14 LST and Ls=120°-150° by DCPAM

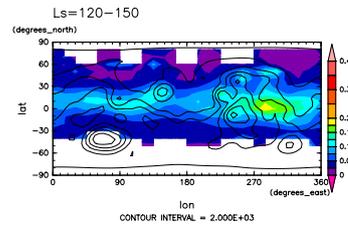


Figure 400: H<sub>2</sub>O ice cloud optical depth at 14 LST and Ls=120°-150° by MGS

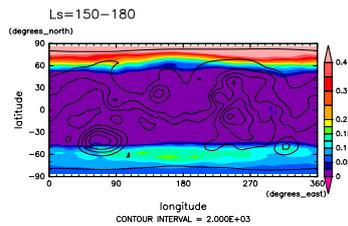


Figure 398: H<sub>2</sub>O ice cloud optical depth at 14 LST and Ls=150°-180° by DCPAM

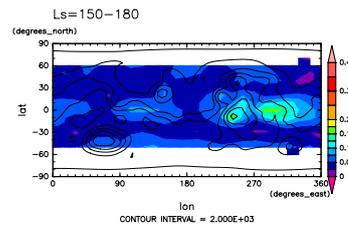


Figure 401: H<sub>2</sub>O ice cloud optical depth at 14 LST and Ls=150°-180° by MGS

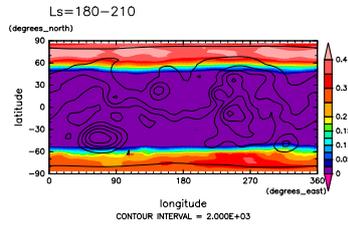


Figure 402: H<sub>2</sub>O ice cloud optical depth at 14 LST and Ls=180°-210° by DCPAM

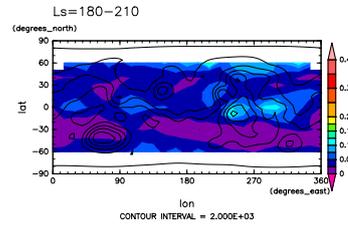


Figure 405: H<sub>2</sub>O ice cloud optical depth at 14 LST and Ls=180°-210° by MGS

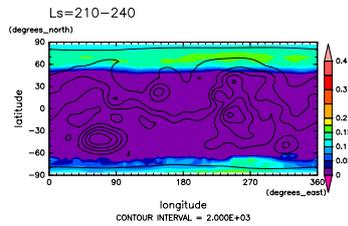


Figure 403: H<sub>2</sub>O ice cloud optical depth at 14 LST and Ls=210°-240° by DCPAM

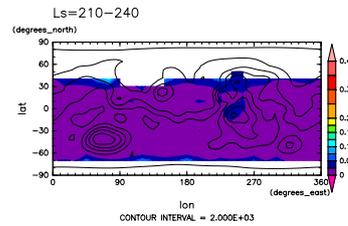


Figure 406: H<sub>2</sub>O ice cloud optical depth at 14 LST and Ls=210°-240° by MGS

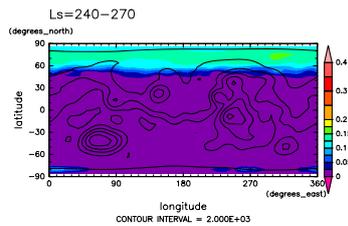


Figure 404: H<sub>2</sub>O ice cloud optical depth at 14 LST and Ls=240°-270° by DCPAM

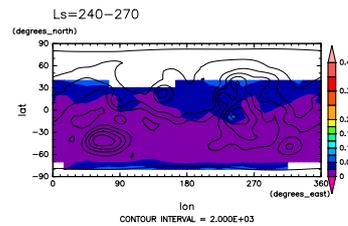


Figure 407: H<sub>2</sub>O ice cloud optical depth at 14 LST and Ls=240°-270° by MGS

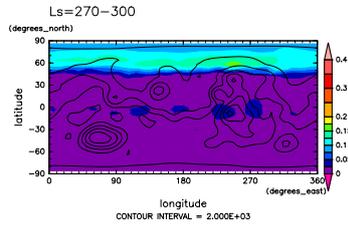


Figure 408: H<sub>2</sub>O ice cloud optical depth at 14 LST and Ls=270°-300° by DCPAM

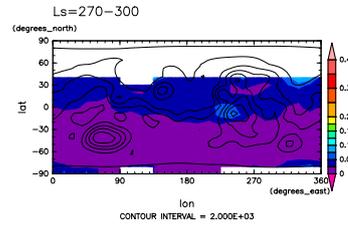


Figure 411: H<sub>2</sub>O ice cloud optical depth at 14 LST and Ls=270°-300° by MGS

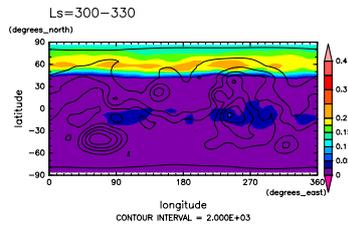


Figure 409: H<sub>2</sub>O ice cloud optical depth at 14 LST and Ls=300°-330° by DCPAM

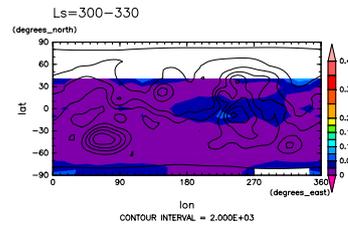


Figure 412: H<sub>2</sub>O ice cloud optical depth at 14 LST and Ls=300°-330° by MGS

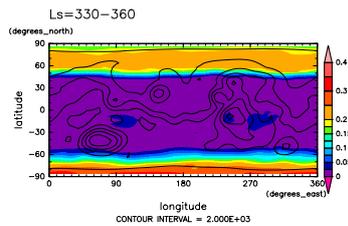


Figure 410: H<sub>2</sub>O ice cloud optical depth at 14 LST and Ls=330°-360° by DCPAM

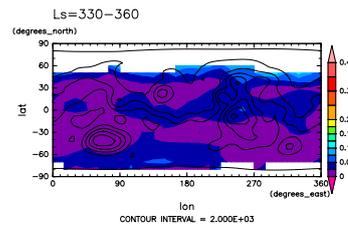


Figure 413: H<sub>2</sub>O ice cloud optical depth at 14 LST and Ls=330°-360° by MGS



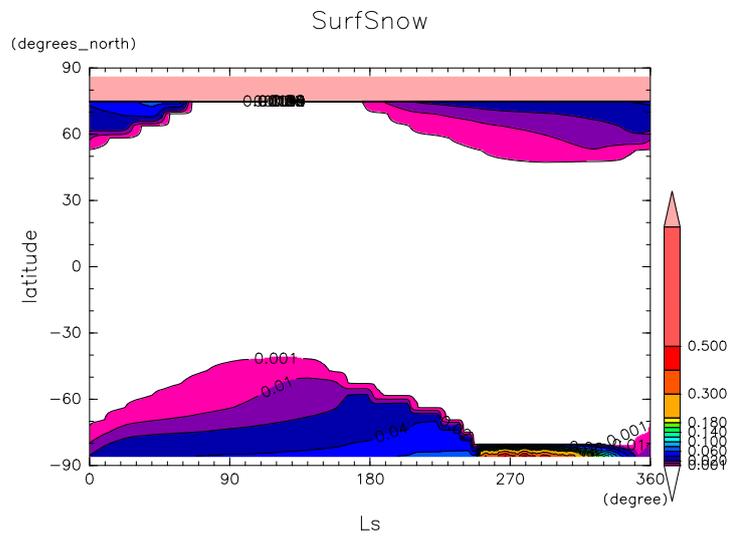


Figure 414: Snow on the ground by DCPAM

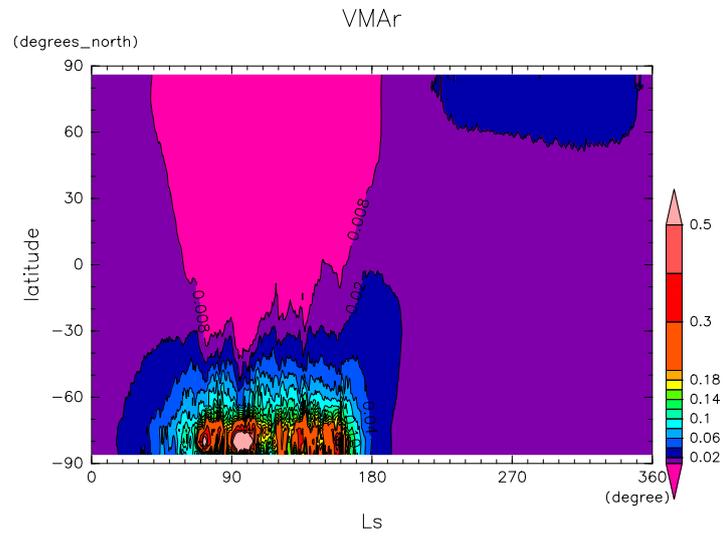


Figure 415: Column mean argon mass mixing ratio by DCPAM

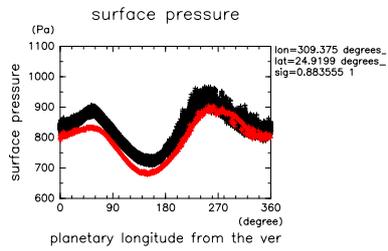


Figure 416: Surface pressure at Viking lander 1 site by DCPAM (black) and observation (diurnal mean, red)

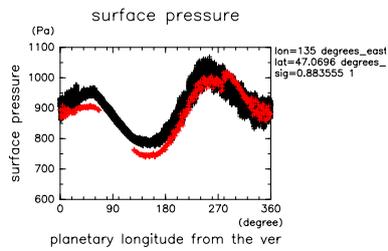


Figure 417: Surface pressure at Viking lander 2 site by DCPAM (black) and observation (diurnal mean, red)

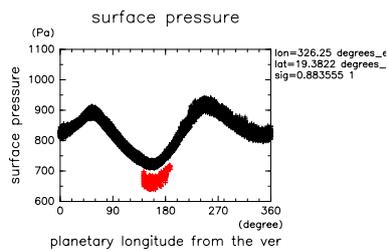


Figure 418: Surface pressure at Mars Pathfinder site by DCPAM (black) and observation (red)

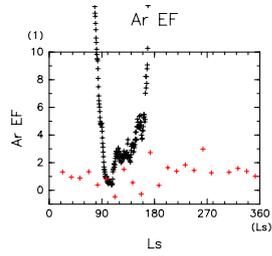


Figure 419: Argon enhancement factor from 75°N to 90°N by DCPAM (black) and observation (red). Observed value is obtained from Figure 1 of Lian et al. (2012).

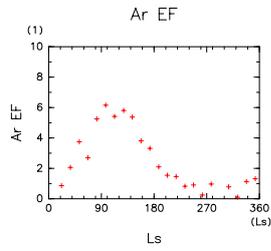


Figure 420: Argon enhancement factor from 75°S to 90°S by DCPAM (black) and observation (red). Observed value is obtained from Figure 1 of Lian et al. (2012).

Value at (lon,lat,Ls)=(134.3,48.0,1575)=8.127712499117479e-05 : 0.0145