Figures

Some results of DCPAM are compared with MGS[1]-TES[2] and MRO[3]-MCS[4] data.

[1]Mars Global Surveyor
[2]Thermal Emission Spectrometer
[3]Mars Reconnaissance Orbiter
[4]Mars Climate Sounder

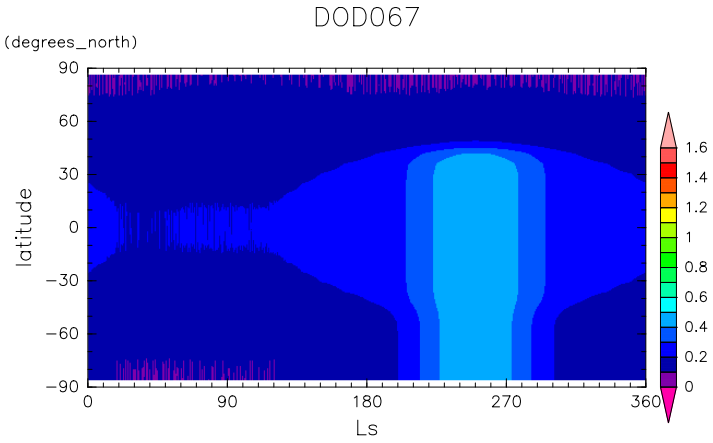

Figure 1: Daily mean dust optical depth prescribed in DCPAM

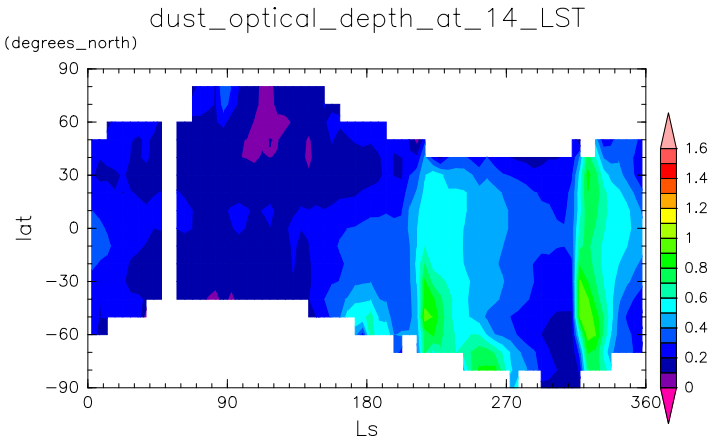

Figure 2: Double of dust optical depth observed by MGS-TES in MY26

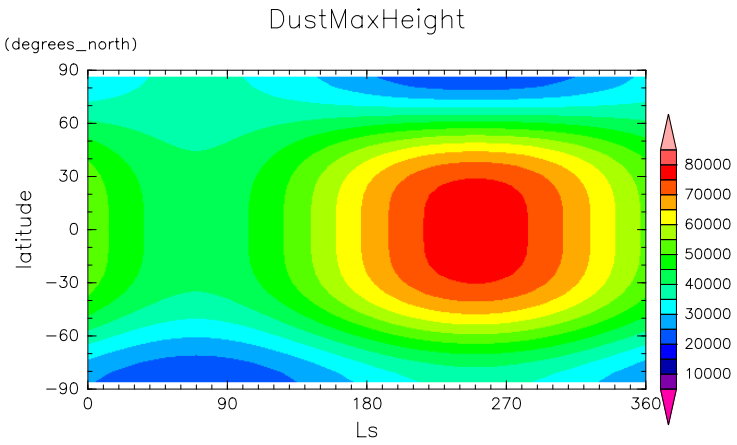

Figure 3: Daily mean maximum height of dust distribution prescribed in DC-PAM

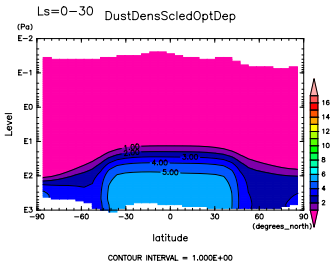

Figure 4: DustDensScledOptDep at L_s=0°–30° by DCPAM

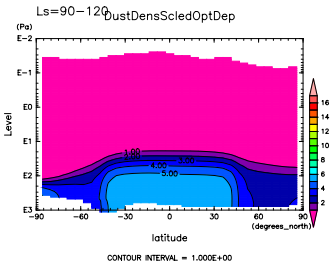

Figure 7: DustDensScledOptDep at L_s=90°–120° by DCPAM

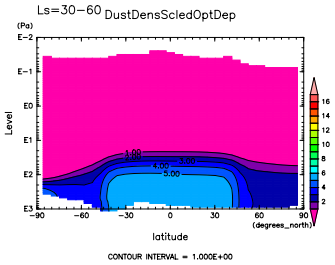

Figure 5: DustDensScledOptDep at L_s=30°–60° by DCPAM

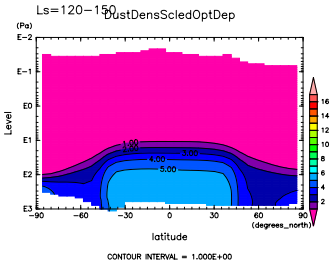

Figure 8: DustDensScledOptDep at L_s=120°–150° by DCPAM

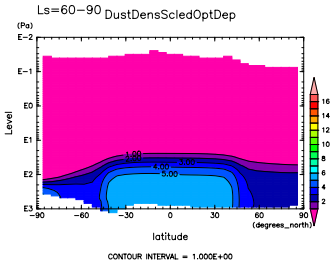

Figure 6: DustDensScledOptDep at L_s=60°–90° by DCPAM

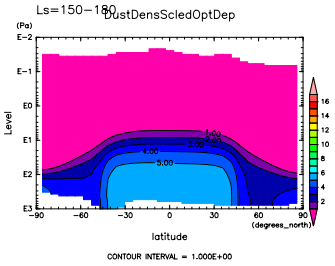

Figure 9: DustDensScledOptDep at L_s=150°–180° by DCPAM

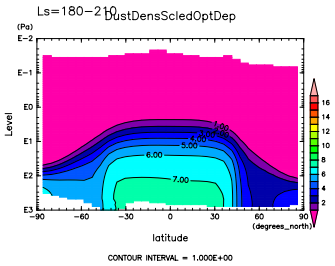

Figure 10: DustDensScledOptDep at L_s=180°–210° by DCPAM

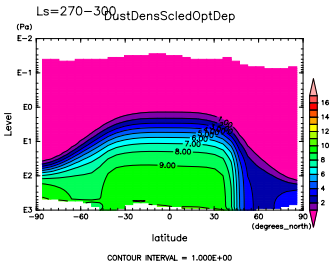

Figure 13: DustDensScledOptDep at L_s=270°–300° by DCPAM

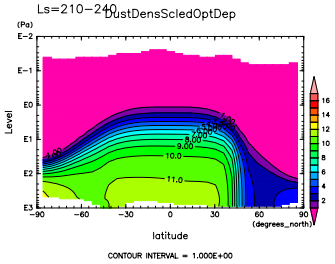

Figure 11: DustDensScledOptDep at L_s=210°–240° by DCPAM

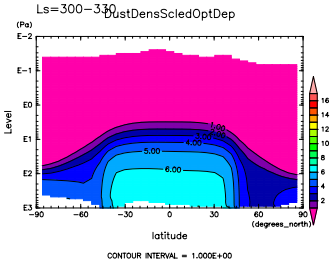

Figure 14: DustDensScledOptDep at L_s=300°–330° by DCPAM

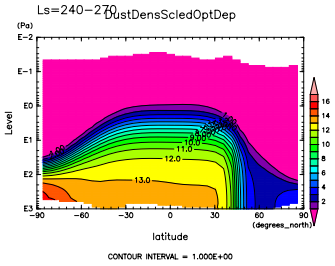

Figure 12: DustDensScledOptDep at L_s=240°–270° by DCPAM

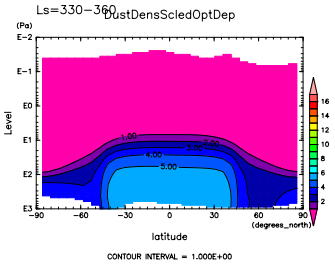

Figure 15: DustDensScledOptDep at L_s=330°–360° by DCPAM

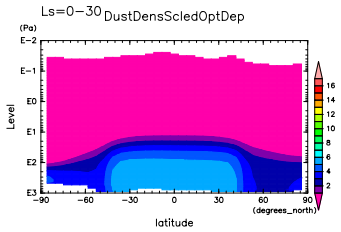

Figure 16: DustDensScledOptDep at 03 LST and Ls=0°-30° by DCPAM

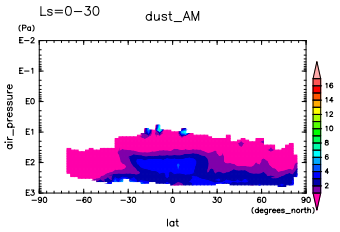

Figure 19: DustDensScledOptDep at 03 LST and Ls=0°-30° by MRO

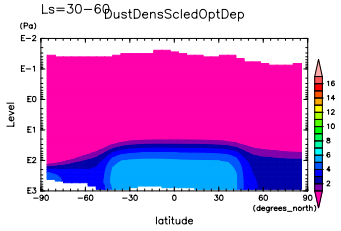

Figure 17: DustDensScledOptDep at 03 LST and Ls=30°-60° by DCPAM

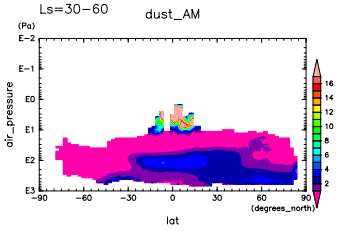

Figure 20: DustDensScledOptDep at 03 LST and Ls=30°-60° by MRO

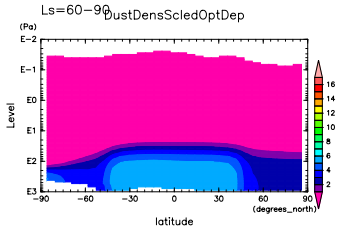

Figure 18: DustDensScledOptDep at 03 LST and Ls=60°-90° by DCPAM

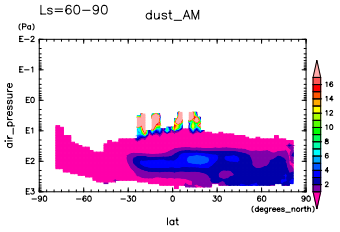

Figure 21: DustDensScledOptDep at 03 LST and Ls=60°-90° by MRO

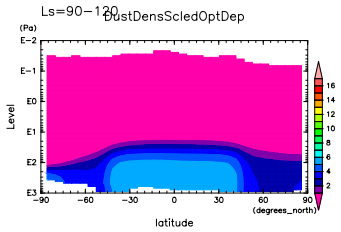

Figure 22: DustDensScledOptDep at 03 LST and Ls=90°-120° by DCPAM

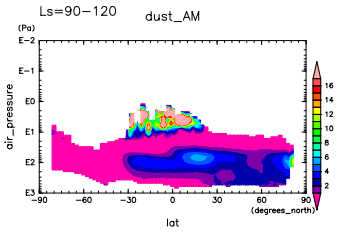

Figure 25: DustDensScledOptDep at 03 LST and Ls=90°-120° by MRO

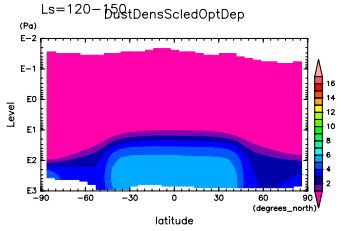

Figure 23: DustDensScledOptDep at 03 LST and Ls=120°-150° by DCPAM

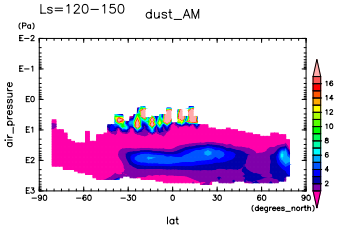

Figure 26: DustDensScledOptDep at 03 LST and Ls=120°-150° by MRO

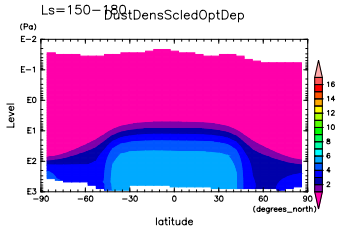

Figure 24: DustDensScledOptDep at 03 LST and Ls=150°-180° by DCPAM

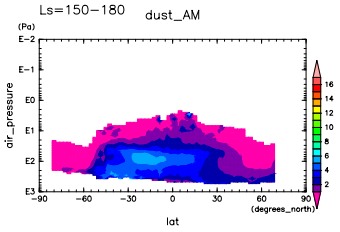

Figure 27: DustDensScledOptDep at 03 LST and Ls=150°-180° by MRO

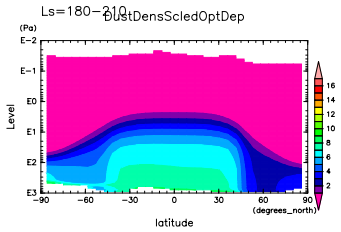

Figure 28: DustDensScledOptDep at 03 LST and Ls=180°-210° by DCPAM

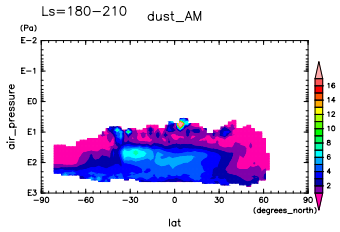

Figure 31: DustDensScledOptDep at 03 LST and Ls=180°-210° by MRO

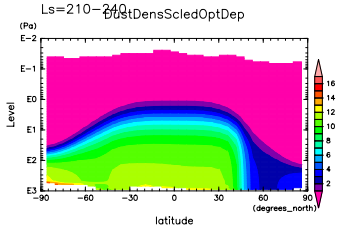

Figure 29: DustDensScledOptDep at 03 LST and Ls=210°-240° by DCPAM

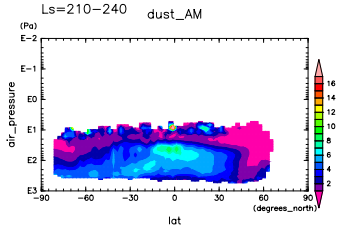

Figure 32: DustDensScledOptDep at 03 LST and Ls=210°-240° by MRO

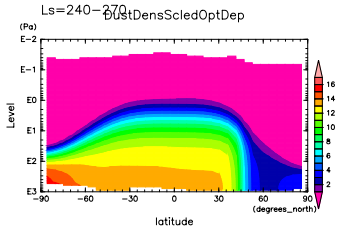

Figure 30: DustDensScledOptDep at 03 LST and Ls=240°-270° by DCPAM

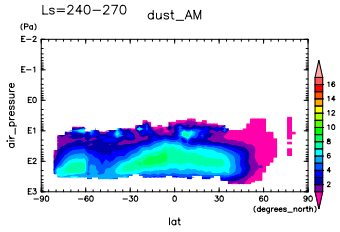

Figure 33: DustDensScledOptDep at 03 LST and Ls=240°-270° by MRO

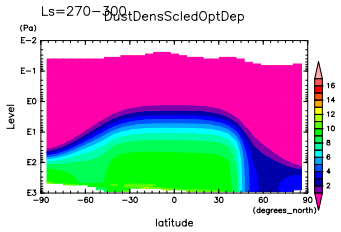

Figure 34: DustDensScledOptDep at 03 LST and Ls=270°-300° by DCPAM

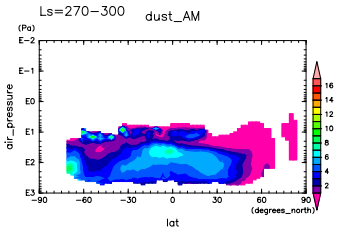

Figure 37: DustDensScledOptDep at 03 LST and Ls=270°-300° by MRO

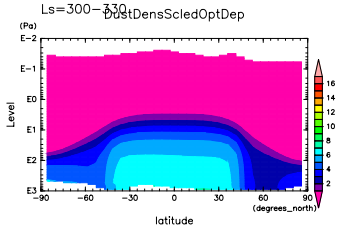

Figure 35: DustDensScledOptDep at 03 LST and Ls=300°-330° by DCPAM

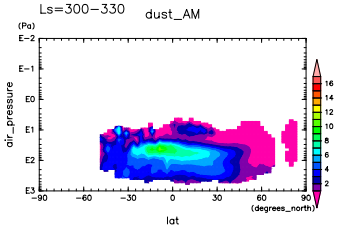

Figure 38: DustDensScledOptDep at 03 LST and Ls=300°-330° by MRO

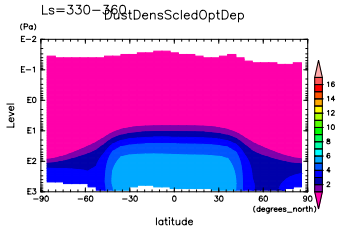

Figure 36: DustDensScledOptDep at 03 LST and Ls=330°-360° by DCPAM

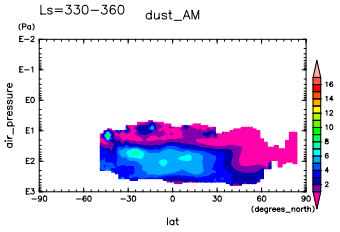

Figure 39: DustDensScledOptDep at 03 LST and Ls=330°-360° by MRO

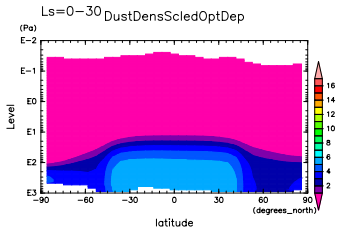

Figure 40: DustDensScledOptDep at 15 LST and Ls=0°-30° by DCPAM

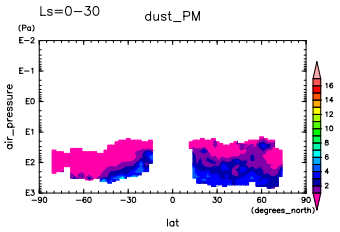

Figure 43: DustDensScledOptDep at 15 LST and Ls=0°-30° by MRO

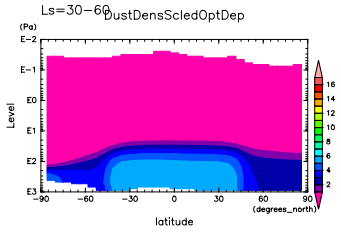

Figure 41: DustDensScledOptDep at 15 LST and Ls=30°-60° by DCPAM

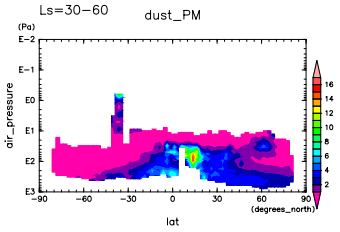

Figure 44: DustDensScledOptDep at 15 LST and Ls=30°-60° by MRO

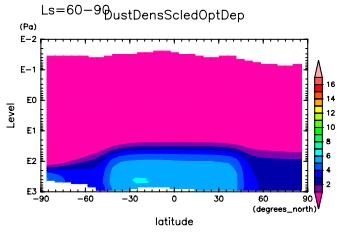

Figure 42: DustDensScledOptDep at 15 LST and Ls=60°-90° by DCPAM

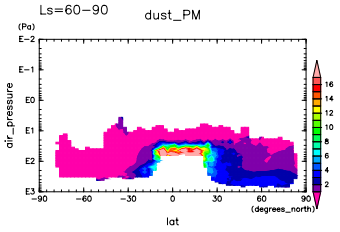

Figure 45: DustDensScledOptDep at 15 LST and Ls=60°-90° by MRO

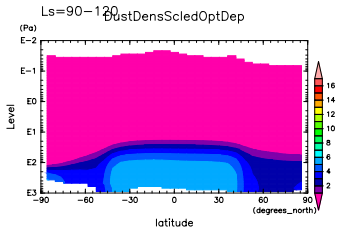

Figure 46: DustDensScledOptDep at 15 LST and Ls=90°-120° by DCPAM

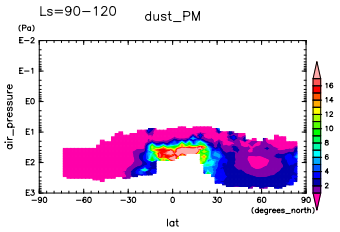

Figure 49: DustDensScledOptDep at 15 LST and Ls=90°-120° by MRO

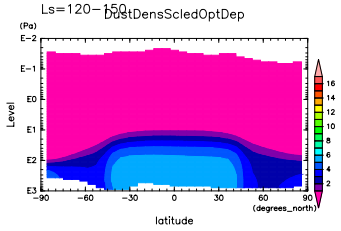

Figure 47: DustDensScledOptDep at 15 LST and Ls=120°-150° by DCPAM

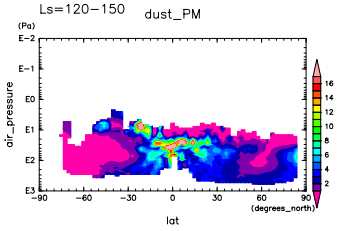

Figure 50: DustDensScledOptDep at 15 LST and Ls=120°-150° by MRO

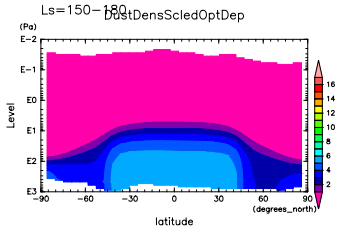

Figure 48: DustDensScledOptDep at 15 LST and Ls=150°-180° by DCPAM

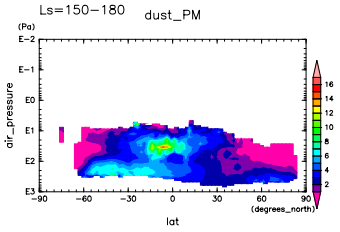

Figure 51: DustDensScledOptDep at 15 LST and Ls=150°-180° by MRO

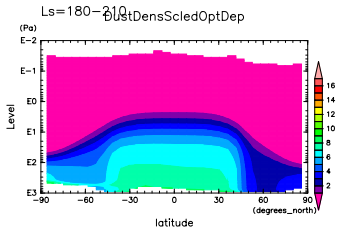

Figure 52: DustDensScledOptDep at 15 LST and Ls=180°-210° by DCPAM

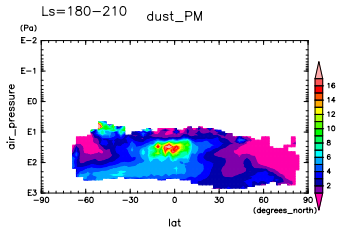

Figure 55: DustDensScledOptDep at 15 LST and Ls=180°-210° by MRO

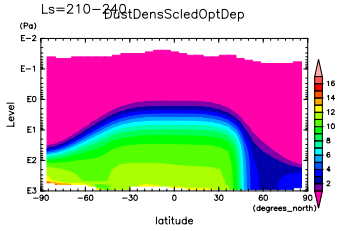

Figure 53: DustDensScledOptDep at 15 LST and Ls=210°-240° by DCPAM

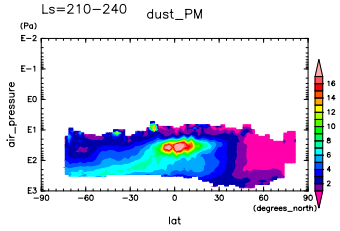

Figure 56: DustDensScledOptDep at 15 LST and Ls=210°-240° by MRO

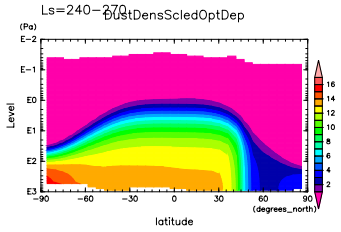

Figure 54: DustDensScledOptDep at 15 LST and Ls=240°-270° by DCPAM

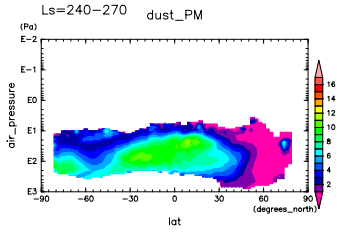

Figure 57: DustDensScledOptDep at 15 LST and Ls=240°-270° by MRO

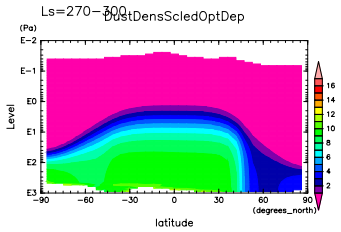

Figure 58: DustDensScledOptDep at 15 LST and Ls=270°-300° by DCPAM

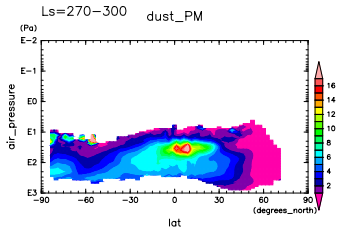

Figure 61: DustDensScledOptDep at 15 LST and Ls=270°-300° by MRO

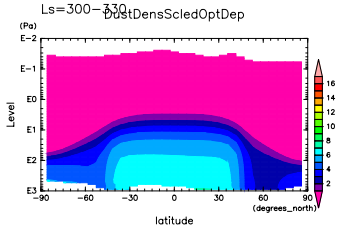

Figure 59: DustDensScledOptDep at 15 LST and Ls=300°-330° by DCPAM

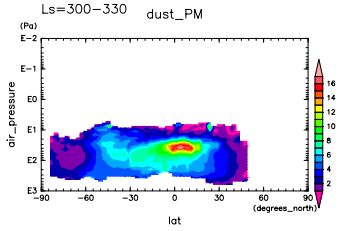

Figure 62: DustDensScledOptDep at 15 LST and Ls=300°-330° by MRO

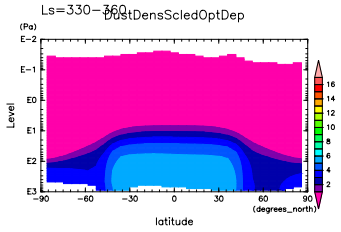

Figure 60: DustDensScledOptDep at 15 LST and Ls=330°-360° by DCPAM

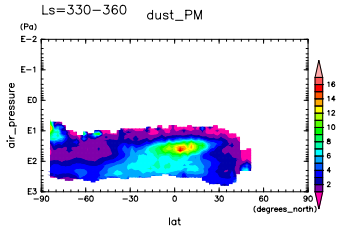

Figure 63: DustDensScledOptDep at 15 LST and Ls=330°-360° by MRO

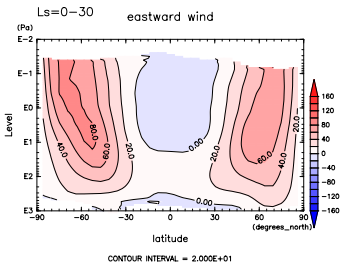

Figure 64: U at L_s=0°–30° by DCPAM

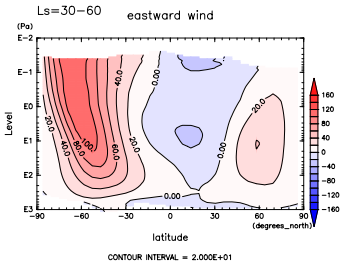

Figure 65: U at L_s=30°–60° by DCPAM

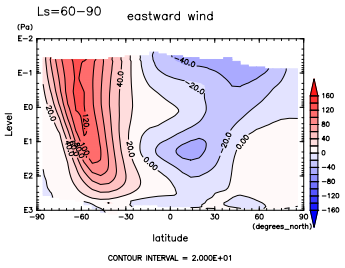

Figure 66: U at L_s=60°–90° by DCPAM

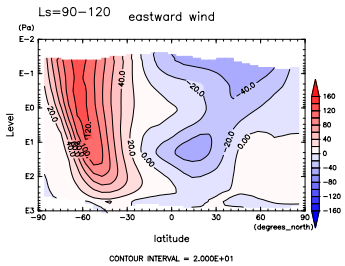

Figure 67: U at L_s=90°–120° by DCPAM

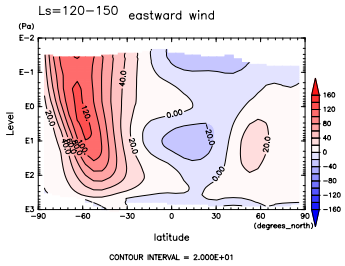

Figure 68: U at L_s=120°–150° by DCPAM

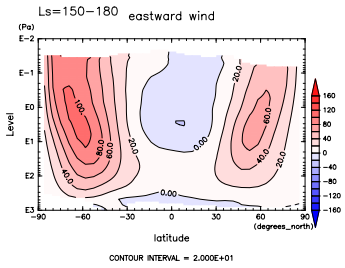

Figure 69: U at L_s=150°–180° by DCPAM

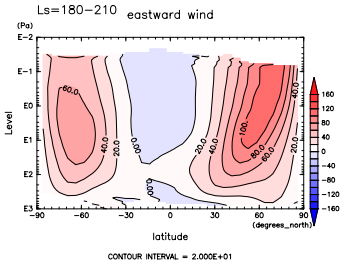

Figure 70: U at L_s=180°–210° by DCPAM

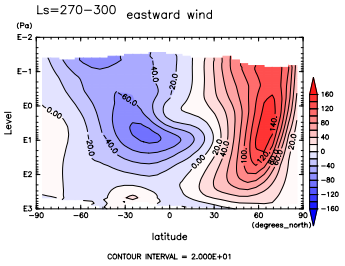

Figure 73: U at L_s=270°–300° by DCPAM

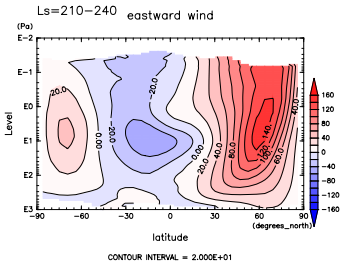

Figure 71: U at L_s=210°–240° by DCPAM

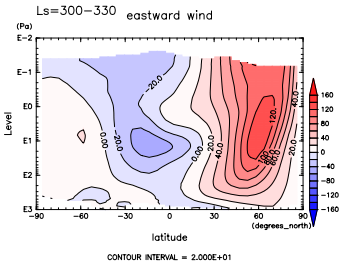

Figure 74: U at L_s=300°–330° by DCPAM

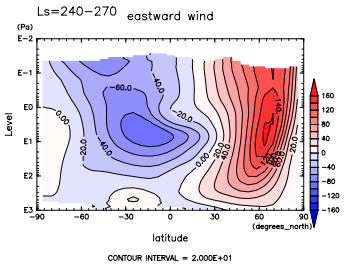

Figure 72: U at L_s=240°–270° by DCPAM

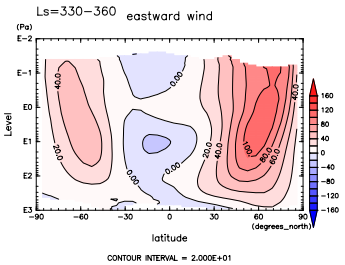

Figure 75: U at L_s=330°–360° by DCPAM

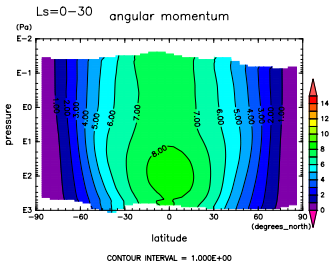

Figure 76: ANGMOM at L_s=0°–30° by DCPAM

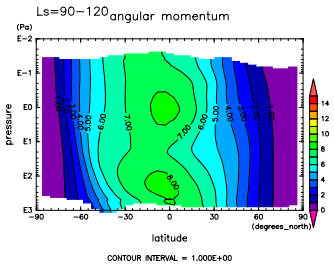

Figure 79: ANGMOM at L_s=90°–120° by DCPAM

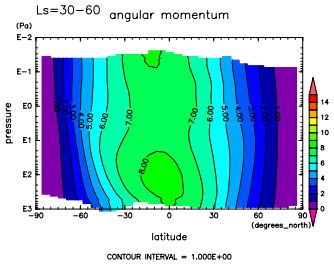

Figure 77: ANGMOM at L_s=30°–60° by DCPAM

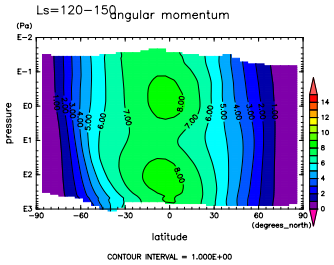

Figure 80: ANGMOM at L_s=120°–150° by DCPAM

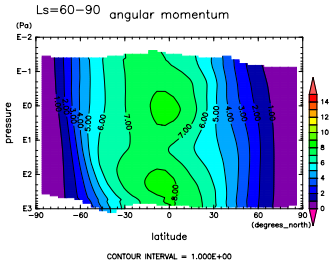

Figure 78: ANGMOM at L_s=60°–90° by DCPAM

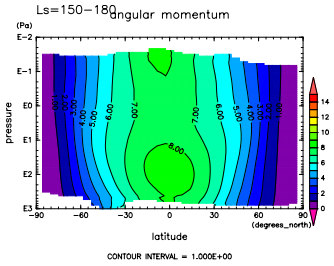

Figure 81: ANGMOM at L_s=150°–180° by DCPAM

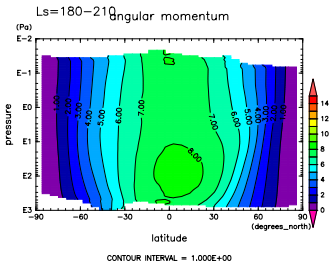

Figure 82: ANGMOM at L_s=180°–210° by DCPAM

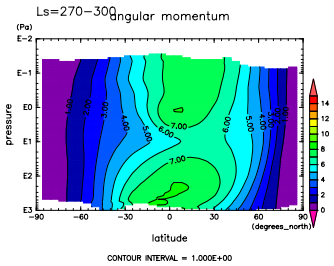

Figure 85: ANGMOM at L_s=270°–300° by DCPAM

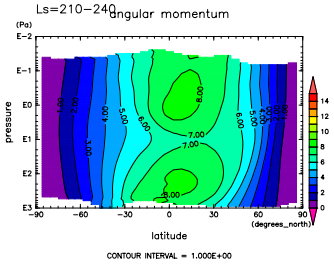

Figure 83: ANGMOM at L_s=210°–240° by DCPAM

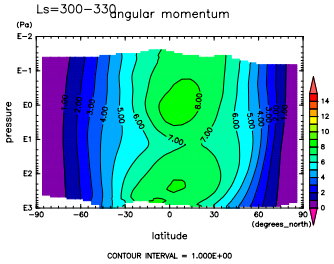

Figure 86: ANGMOM at L_s=300°–330° by DCPAM

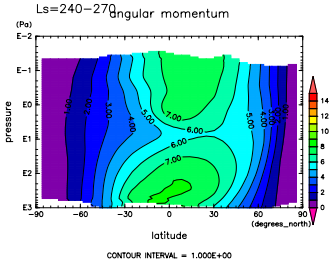

Figure 84: ANGMOM at L_s=240°–270° by DCPAM

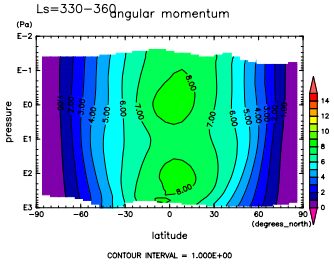

Figure 87: ANGMOM at L_s=330°–360° by DCPAM

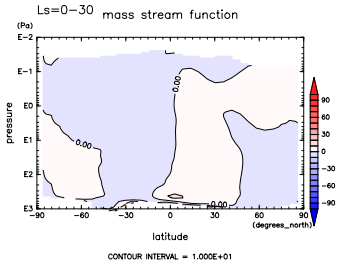

Figure 88: MSF at L_s=0°–30° by DCPAM

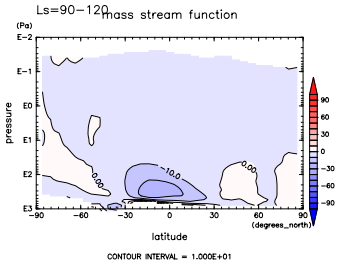

Figure 91: MSF at L_s=90°–120° by DCPAM

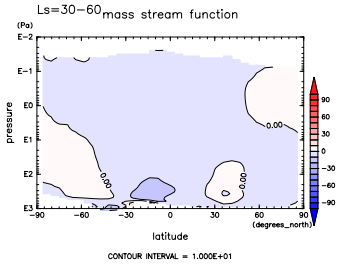

Figure 89: MSF at L_s=30°–60° by DCPAM

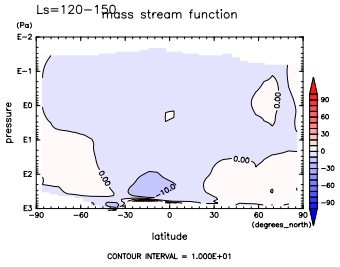

Figure 92: MSF at L_s=120°–150° by DCPAM

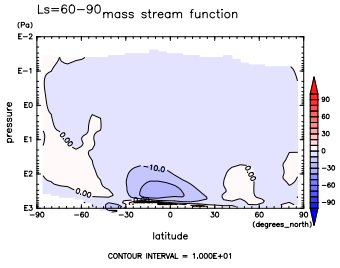

Figure 90: MSF at L_s=60°–90° by DCPAM

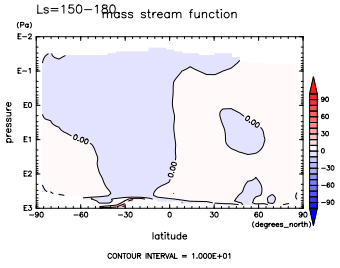

Figure 93: MSF at L_s=150°–180° by DCPAM

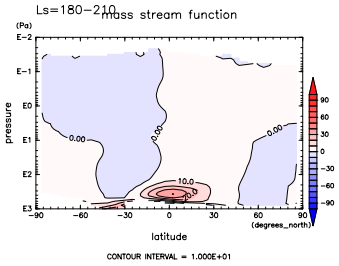

Figure 94: MSF at L_s=180°–210° by DCPAM

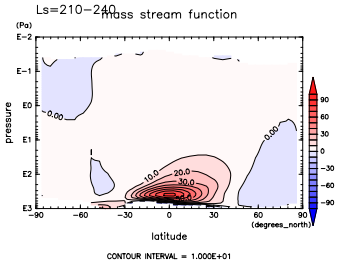

Figure 95: MSF at L_s=210°–240° by DCPAM

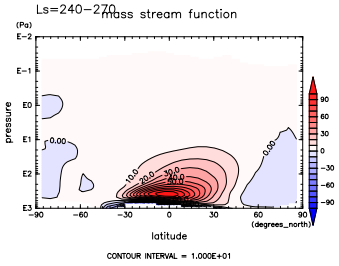

Figure 96: MSF at L_s=240°–270° by DCPAM

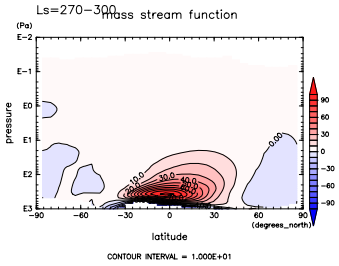

Figure 97: MSF at L_s=270°–300° by DCPAM

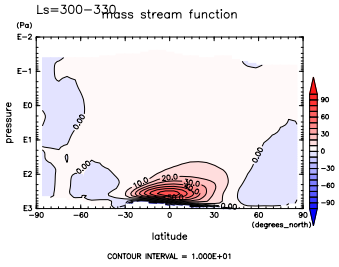

Figure 98: MSF at L_s=300°–330° by DCPAM

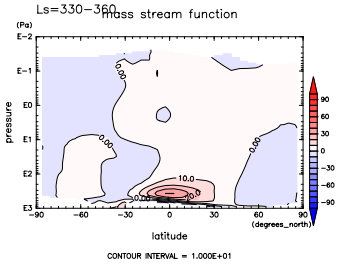

Figure 99: MSF at L_s=330°–360° by DCPAM

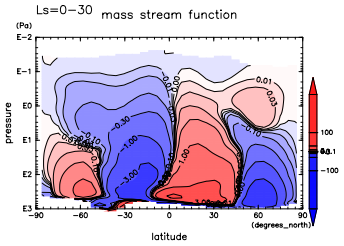

Figure 100: MSF at L_s=0°–30° by DCPAM

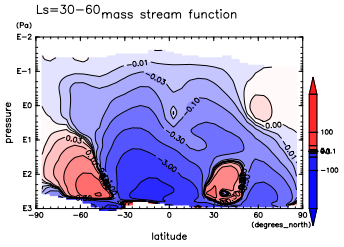

Figure 101: MSF at L_s=30°–60° by DCPAM

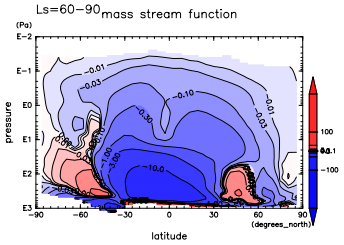

Figure 102: MSF at L_s=60°–90° by DCPAM

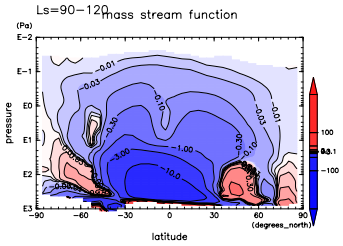

Figure 103: MSF at L_s=90°–120° by DCPAM

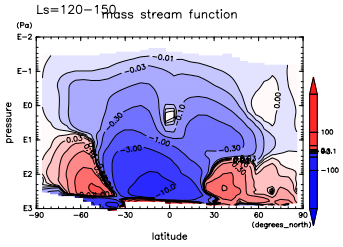

Figure 104: MSF at L_s=120°–150° by DCPAM

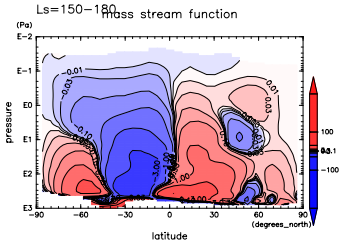

Figure 105: MSF at L_s=150°–180° by DCPAM

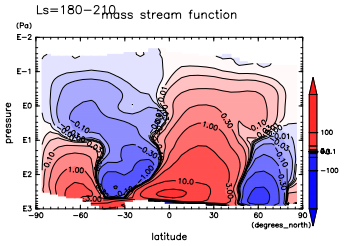

Figure 106: MSF at L_s=180°–210° by DCPAM

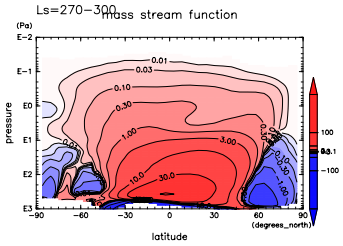

Figure 109: MSF at L_s=270°–300° by DCPAM

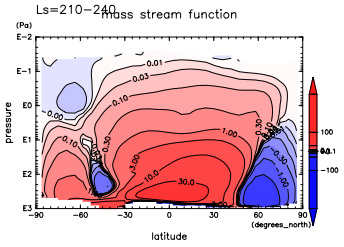

Figure 107: MSF at L_s=210°–240° by DCPAM

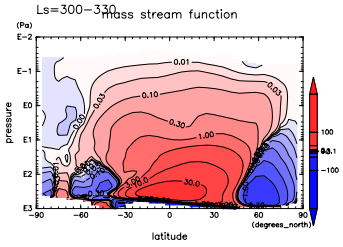

Figure 110: MSF at L_s=300°–330° by DCPAM

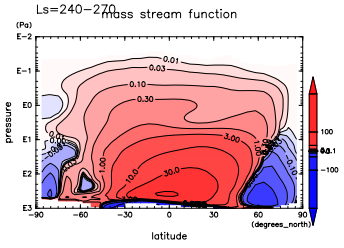

Figure 108: MSF at L_s=240°–270° by DCPAM

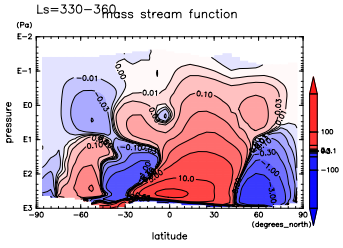

Figure 111: MSF at L_s=330°–360° by DCPAM

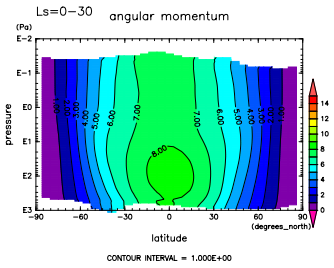

Figure 112: ANGMOM at L_s=0°–30° by DCPAM

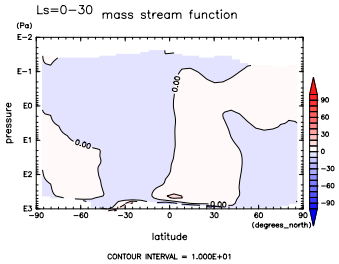

Figure 115: MSF at L_s=0°–30° by DCPAM

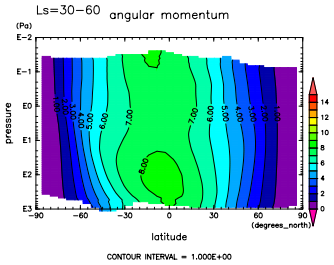

Figure 113: ANGMOM at L_s=30°–60° by DCPAM

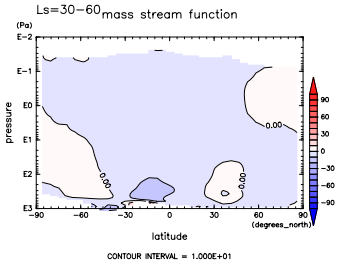

Figure 116: MSF at L_s=30°–60° by DCPAM

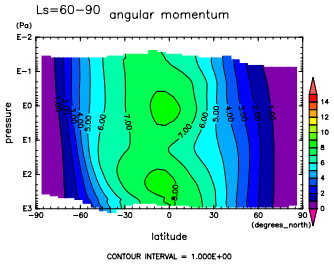

Figure 114: ANGMOM at L_s=60°–90° by DCPAM

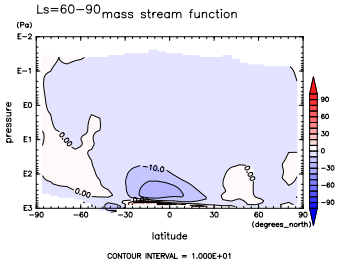

Figure 117: MSF at L_s=60°–90° by DCPAM

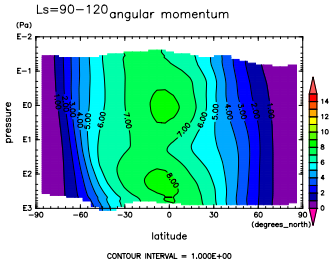

Figure 118: ANGMOM at L_s=90°–120° by DCPAM

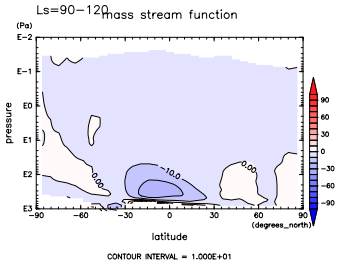

Figure 121: MSF at L_s=90°–120° by DCPAM

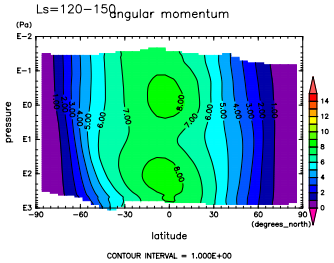

Figure 119: ANGMOM at L_s=120°–150° by DCPAM

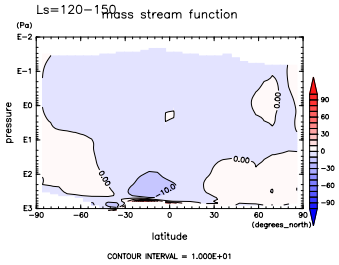

Figure 122: MSF at L_s=120°–150° by DCPAM

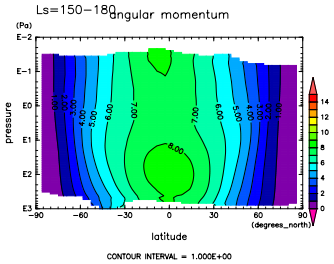

Figure 120: ANGMOM at L_s=150°–180° by DCPAM

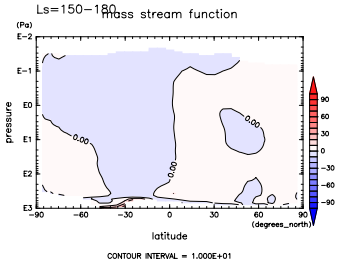

Figure 123: MSF at L_s=150°–180° by DCPAM

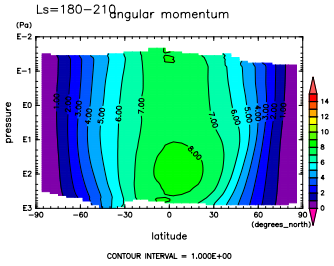

Figure 124: ANGMOM at L_s=180°–210° by DCPAM

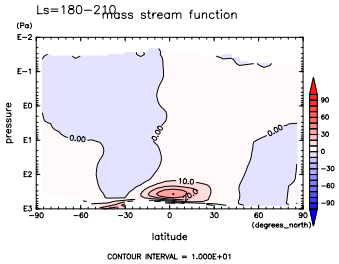

Figure 127: MSF at L_s=180°–210° by DCPAM

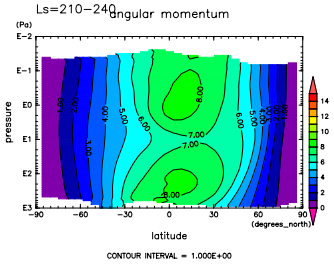

Figure 125: ANGMOM at L_s=210°–240° by DCPAM

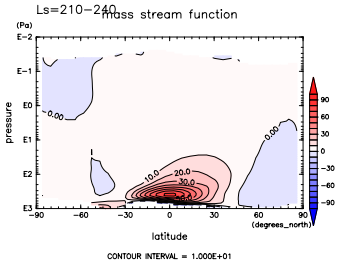

Figure 128: MSF at L_s=210°–240° by DCPAM

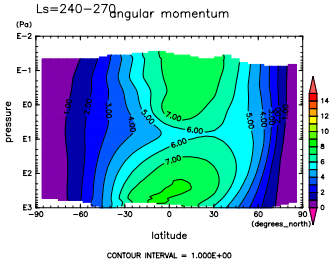

Figure 126: ANGMOM at L_s=240°–270° by DCPAM

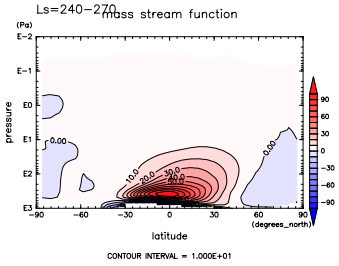

Figure 129: MSF at L_s=240°–270° by DCPAM

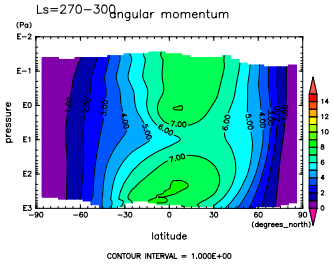

Figure 130: ANGMOM at L_s=270°–300° by DCPAM

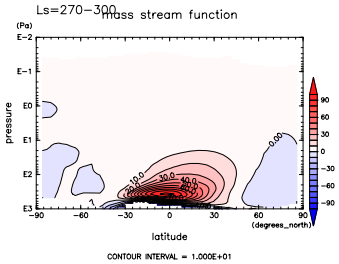

Figure 133: MSF at L_s=270°–300° by DCPAM

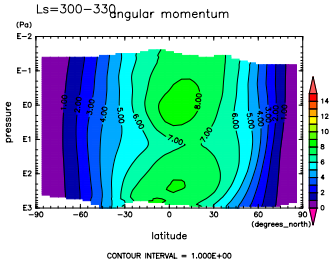

Figure 131: ANGMOM at L_s=300°–330° by DCPAM

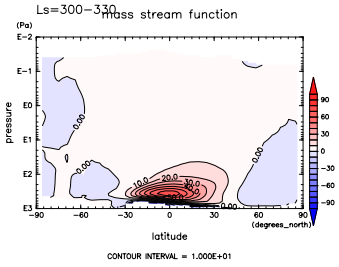

Figure 134: MSF at L_s=300°–330° by DCPAM

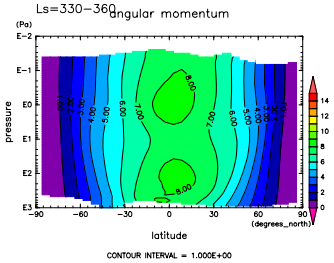

Figure 132: ANGMOM at L_s=330°–360° by DCPAM

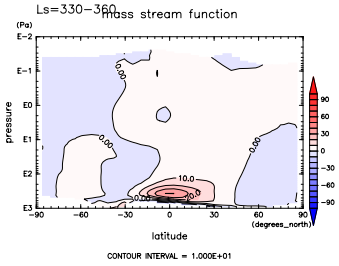

Figure 135: MSF at L_s=330°–360° by DCPAM

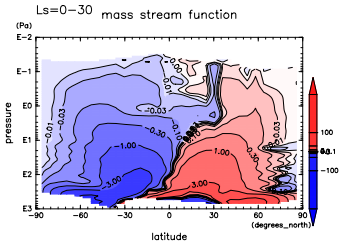

Figure 136: MSF at L_s=0°–30° by DCPAM

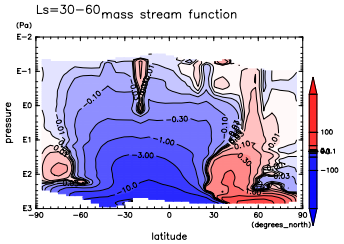

Figure 137: MSF at L_s=30°–60° by DCPAM

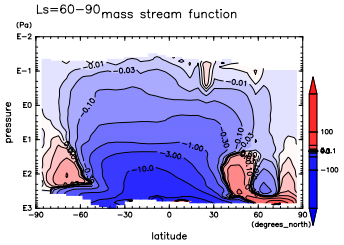

Figure 138: MSF at L_s=60°–90° by DCPAM

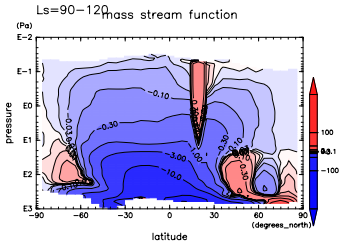

Figure 139: MSF at L_s=90°–120° by DCPAM

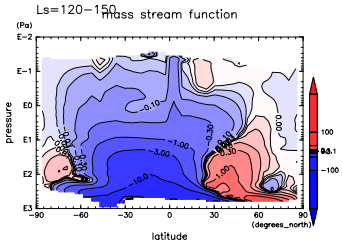

Figure 140: MSF at L_s=120°–150° by DCPAM

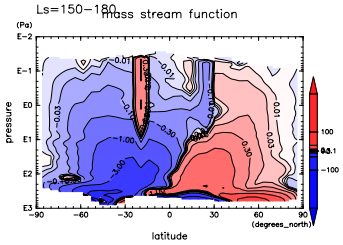

Figure 141: MSF at L_s=150°–180° by DCPAM

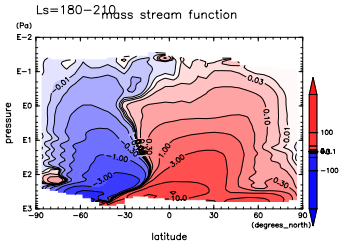

Figure 142: MSF at L_s=180°–210° by DCPAM

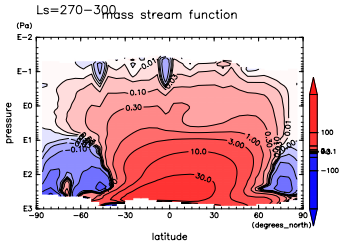

Figure 145: MSF at L_s=270°–300° by DCPAM

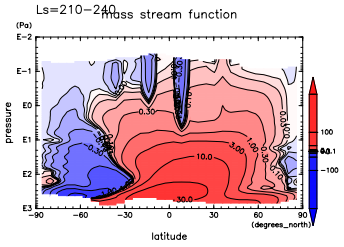

Figure 143: MSF at L_s=210°–240° by DCPAM

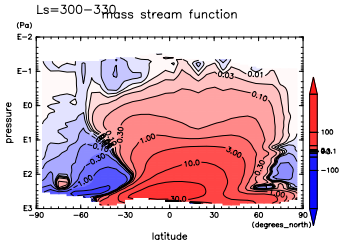

Figure 146: MSF at L_s=300°–330° by DCPAM

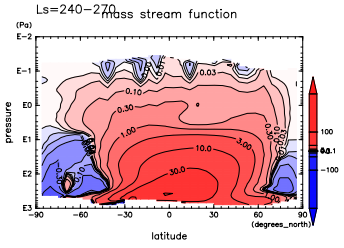

Figure 144: MSF at L_s=240°–270° by DCPAM

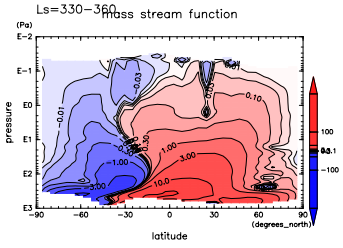

Figure 147: MSF at L_s=330°–360° by DCPAM

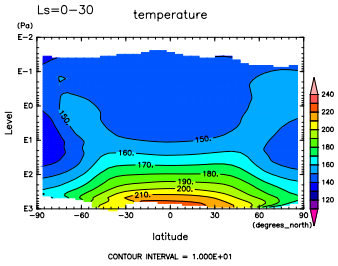

Figure 148: Temp at L_s=0°–30° by DCPAM

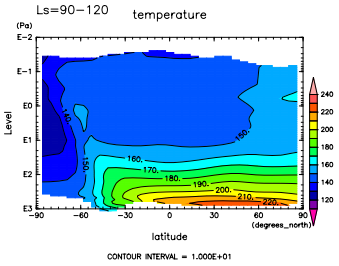

Figure 151: Temp at L_s=90°–120° by DCPAM

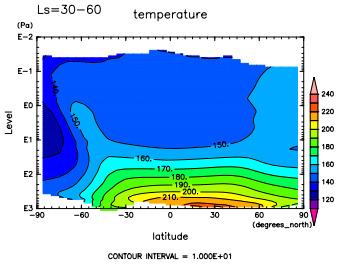

Figure 149: Temp at L_s=30°–60° by DCPAM

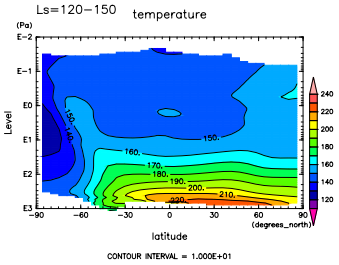

Figure 152: Temp at L_s=120°–150° by DCPAM

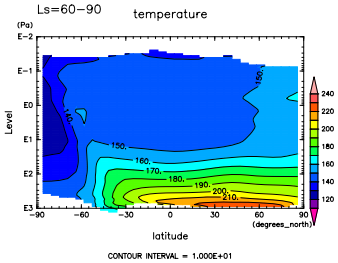

Figure 150: Temp at L_s=60°–90° by DCPAM

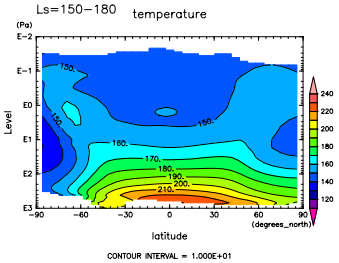

Figure 153: Temp at L_s=150°–180° by DCPAM

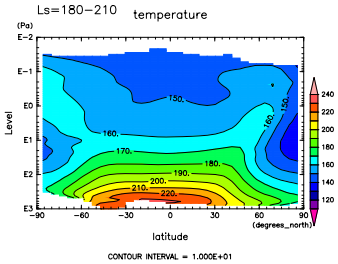

Figure 154: Temp at L_s=180°–210° by DCPAM

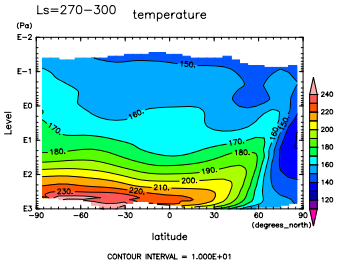

Figure 157: Temp at L_s=270°–300° by DCPAM

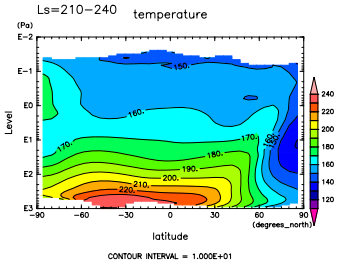

Figure 155: Temp at L_s=210°–240° by DCPAM

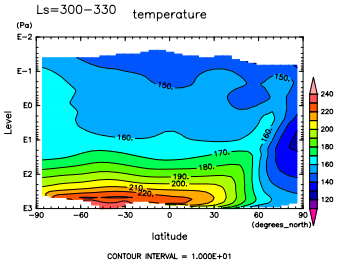

Figure 158: Temp at L_s=300°–330° by DCPAM

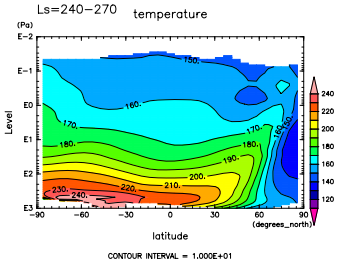

Figure 156: Temp at L_s=240°–270° by DCPAM

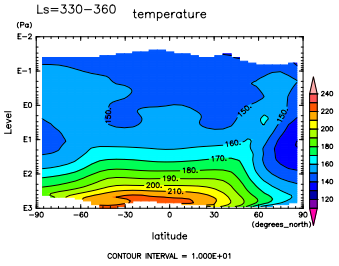

Figure 159: Temp at L_s=330°–360° by DCPAM

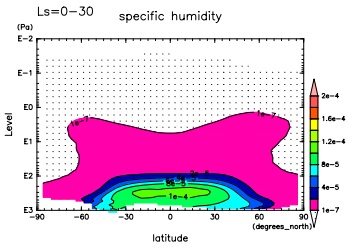

Figure 160: QH2OVap at L_s=0°–30° by DCPAM

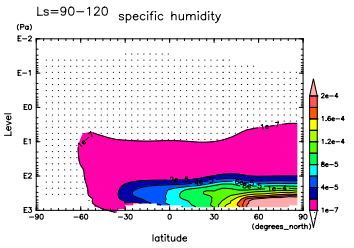

Figure 163: QH2OVap at L_s=90°–120° by DCPAM

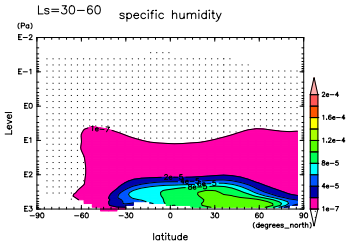

Figure 161: QH2OVap at L_s=30°–60° by DCPAM

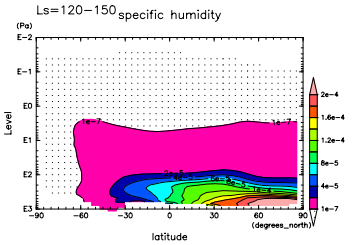

Figure 164: QH2OVap at L_s=120°–150° by DCPAM

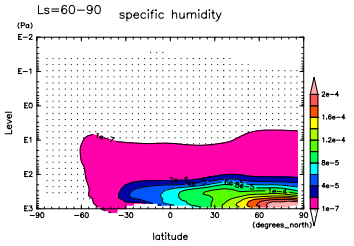

Figure 162: QH2OVap at L_s=60°–90° by DCPAM

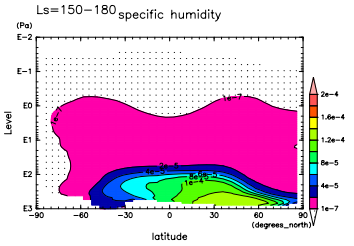

Figure 165: QH2OVap at L_s=150°–180° by DCPAM

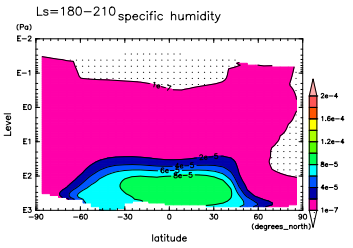

Figure 166: QH2OVap at L_s=180°–210° by DCPAM

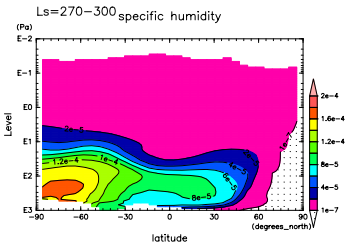

Figure 169: QH2OVap at L_s=270°–300° by DCPAM

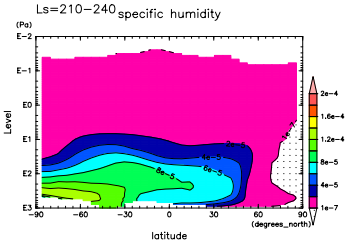

Figure 167: QH2OVap at L_s=210°–240° by DCPAM

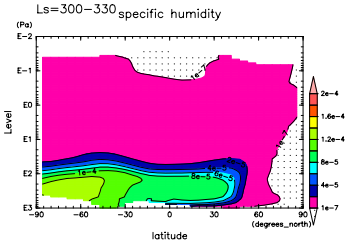

Figure 170: QH2OVap at L_s=300°–330° by DCPAM

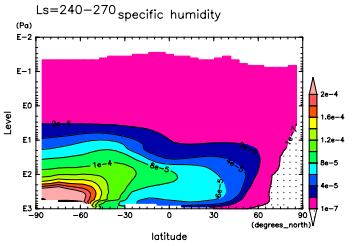

Figure 168: QH2OVap at L_s=240°–270° by DCPAM

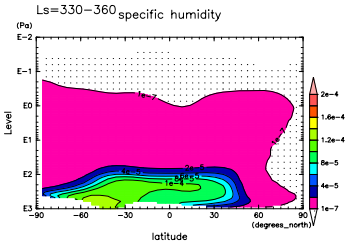

Figure 171: QH2OVap at L_s=330°–360° by DCPAM

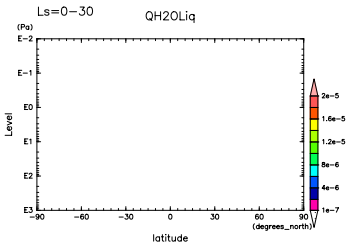

Figure 172: QH2OLiq at L_s=0°–30° by DCPAM

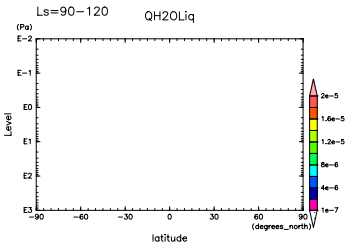

Figure 175: QH2OLiq at L_s=90°–120° by DCPAM

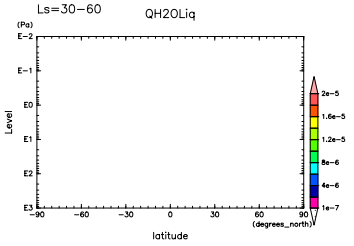

Figure 173: QH2OLiq at L_s=30°–60° by DCPAM

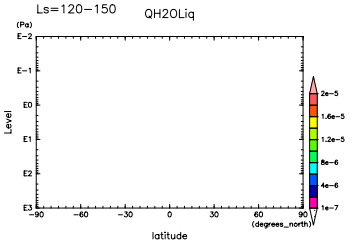

Figure 176: QH2OLiq at L_s=120°–150° by DCPAM

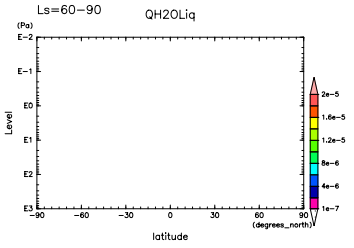

Figure 174: QH2OLiq at L_s=60°–90° by DCPAM

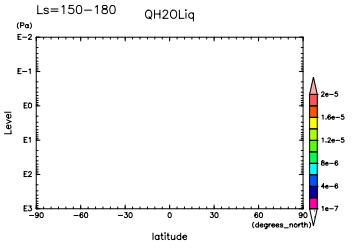

Figure 177: QH2OLiq at L_s=150°–180° by DCPAM

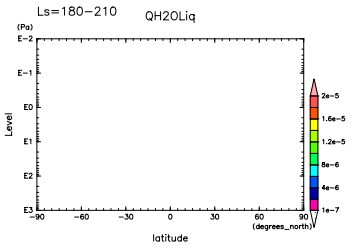

Figure 178: QH2OLiq at L_s=180°–210° by DCPAM

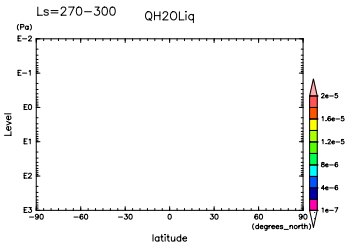

Figure 181: QH2OLiq at L_s=270°–300° by DCPAM

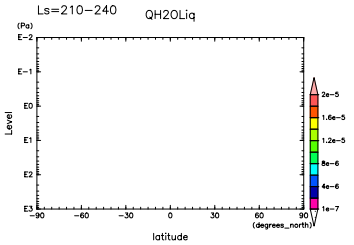

Figure 179: QH2OLiq at L_s=210°–240° by DCPAM

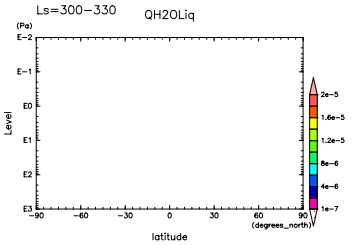

Figure 182: QH2OLiq at L_s=300°–330° by DCPAM

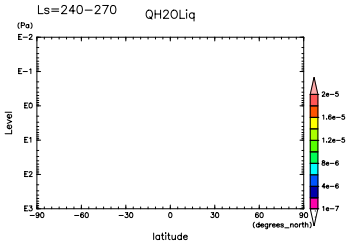

Figure 180: QH2OLiq at L_s=240°–270° by DCPAM

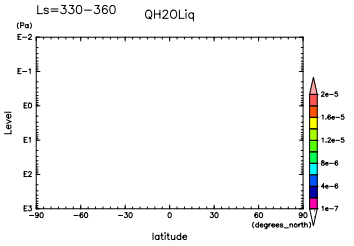

Figure 183: QH2OLiq at L_s=330°–360° by DCPAM

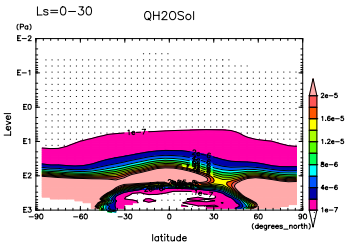

Figure 184: QH2OSol at L_s=0°–30° by DCPAM

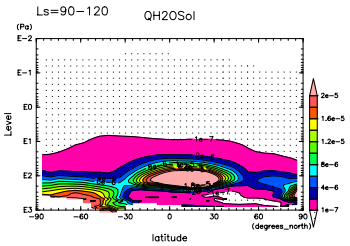

Figure 187: QH2OSol at L_s=90°–120° by DCPAM

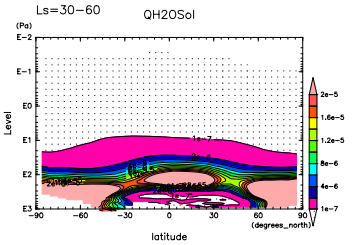

Figure 185: QH2OSol at L_s=30°–60° by DCPAM

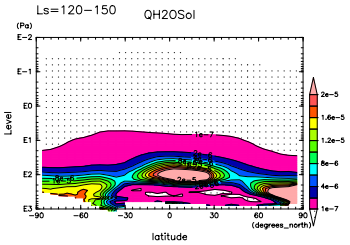

Figure 188: QH2OSol at L_s=120°–150° by DCPAM

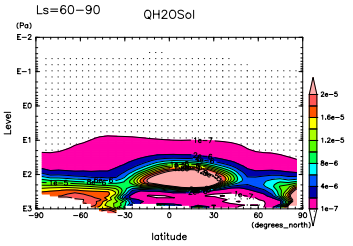

Figure 186: QH2OSol at L_s=60°–90° by DCPAM

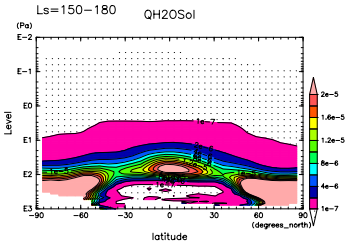

Figure 189: QH2OSol at L_s=150°–180° by DCPAM

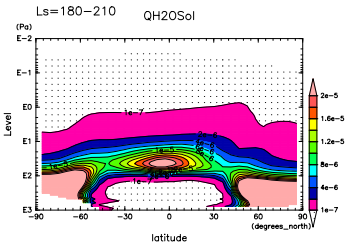

Figure 190: QH2OSol at L_s=180°–210° by DCPAM

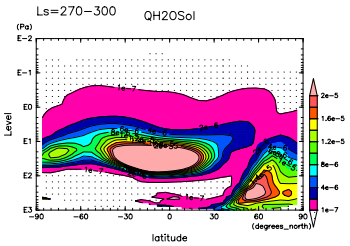

Figure 193: QH2OSol at L_s=270°–300° by DCPAM

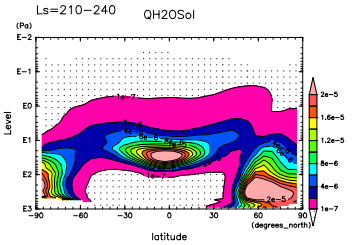

Figure 191: QH2OSol at L_s=210°–240° by DCPAM

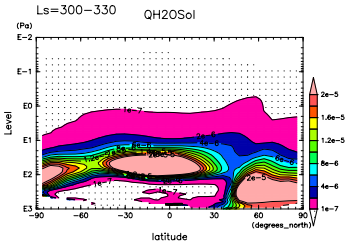

Figure 194: QH2OSol at L_s=300°–330° by DCPAM

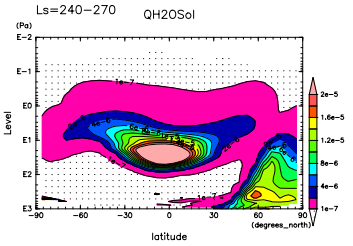

Figure 192: QH2OSol at L_s=240°–270° by DCPAM

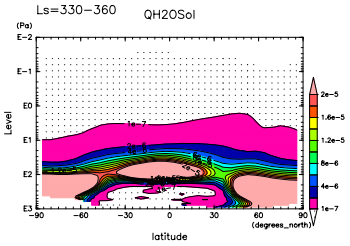

Figure 195: QH2OSol at L_s=330°–360° by DCPAM

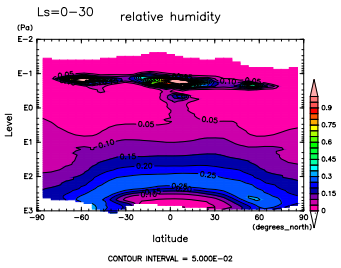

Figure 196: RH at L_s=0°–30° by DCPAM

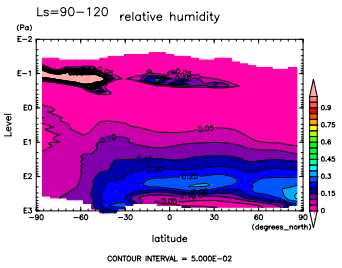

Figure 199: RH at L_s=90°–120° by DCPAM

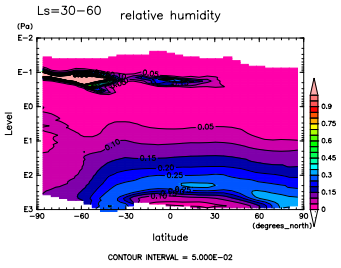

Figure 197: RH at L_s=30°–60° by DCPAM

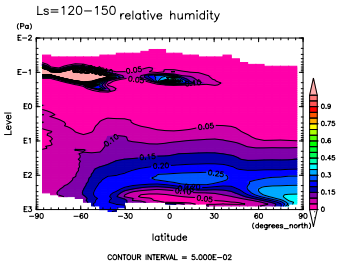

Figure 200: RH at L_s=120°–150° by DCPAM

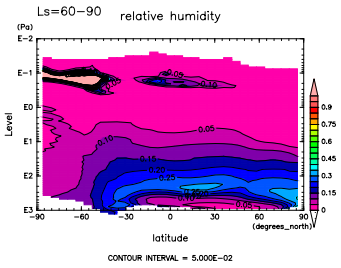

Figure 198: RH at L_s=60°–90° by DCPAM

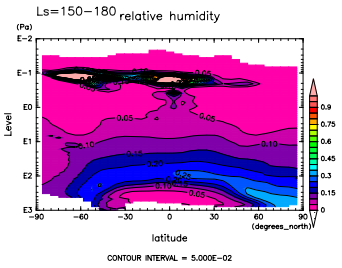

Figure 201: RH at L_s=150°–180° by DCPAM

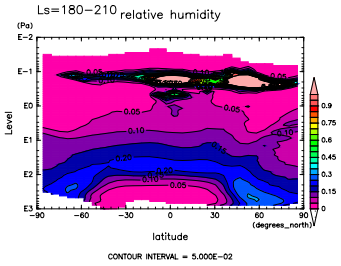

Figure 202: RH at L_s=180°–210° by DCPAM

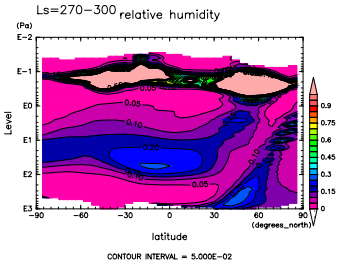

Figure 205: RH at L_s=270°–300° by DCPAM

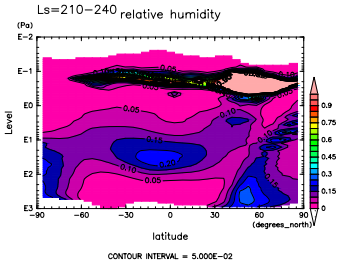

Figure 203: RH at L_s=210°–240° by DCPAM

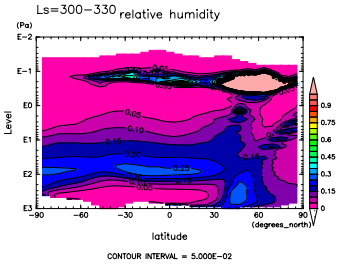

Figure 206: RH at L_s=300°–330° by DCPAM

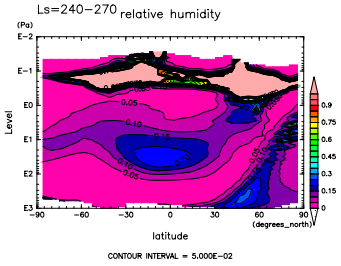

Figure 204: RH at L_s=240°–270° by DCPAM

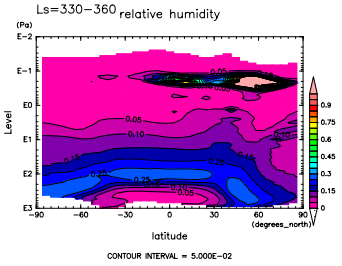

Figure 207: RH at L_s=330°–360° by DCPAM

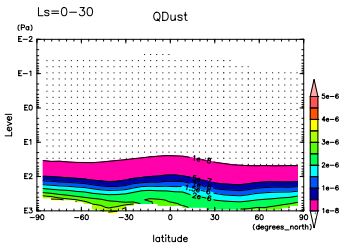

Figure 208: QDust at L_s=0°–30° by DCPAM

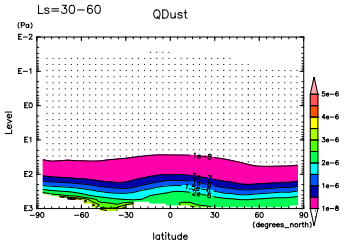

Figure 209: QDust at L_s=30°–60° by DCPAM

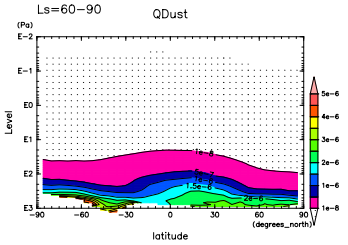

Figure 210: QDust at L_s=60°–90° by DCPAM

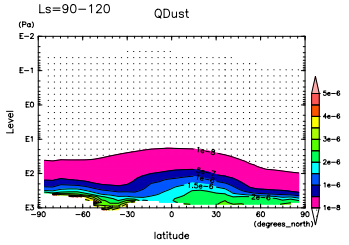

Figure 211: QDust at L_s=90°–120° by DCPAM

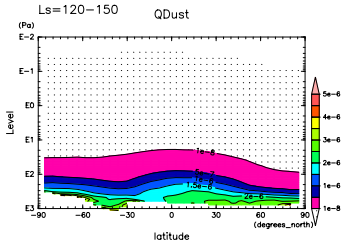

Figure 212: QDust at L_s=120°–150° by DCPAM

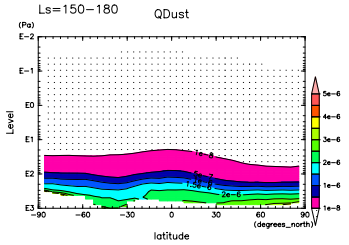

Figure 213: QDust at L_s=150°–180° by DCPAM

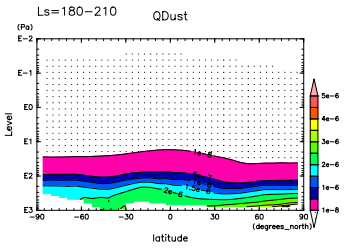

Figure 214: QDust at L_s=180°–210° by DCPAM

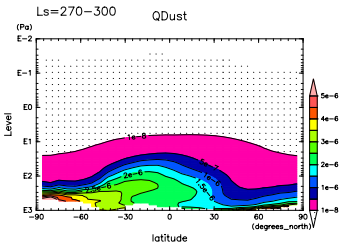

Figure 217: QDust at L_s=270°–300° by DCPAM

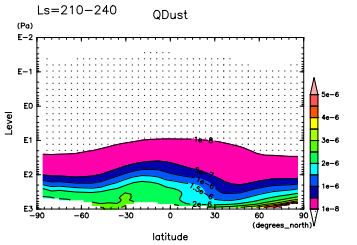

Figure 215: QDust at L_s=210°–240° by DCPAM

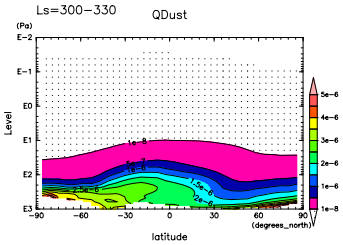

Figure 218: QDust at L_s=300°–330° by DCPAM

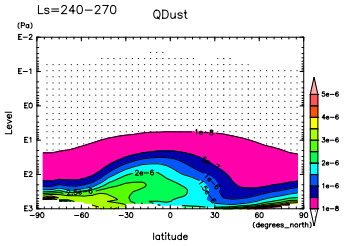

Figure 216: QDust at L_s=240°–270° by DCPAM

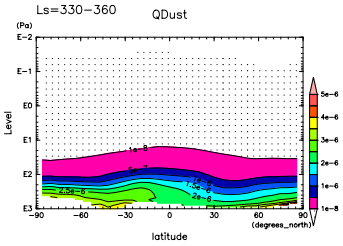

Figure 219: QDust at L_s=330°–360° by DCPAM

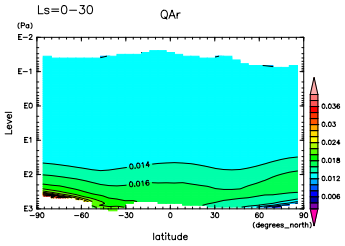

Figure 220: QAr at L_s=0°–30° by DCPAM

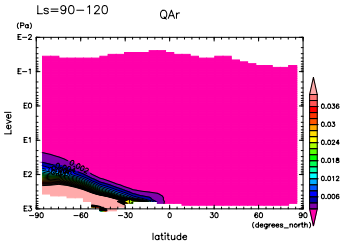

Figure 223: QAr at L_s=90°–120° by DCPAM

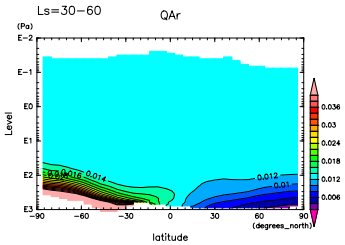

Figure 221: QAr at L_s=30°–60° by DCPAM

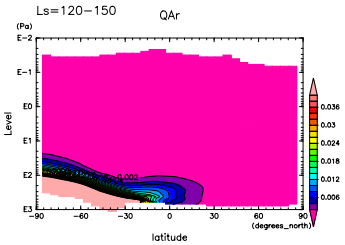

Figure 224: QAr at L_s=120°–150° by DCPAM

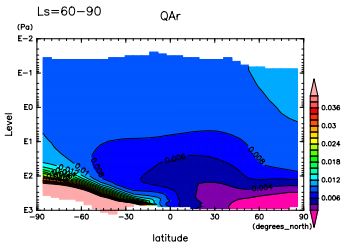

Figure 222: QAr at L_s=60°–90° by DCPAM

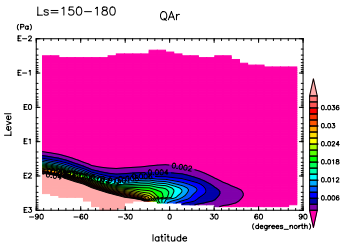

Figure 225: QAr at L_s=150°–180° by DCPAM

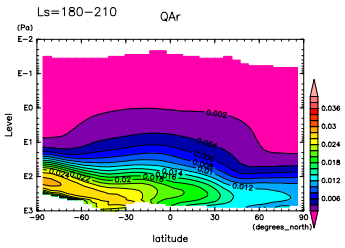

Figure 226: QAr at L_s=180°–210° by DCPAM

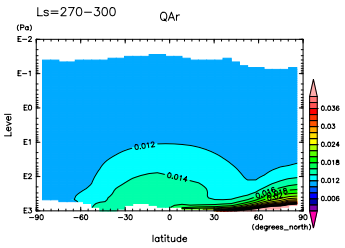

Figure 229: QAr at L_s=270°–300° by DCPAM

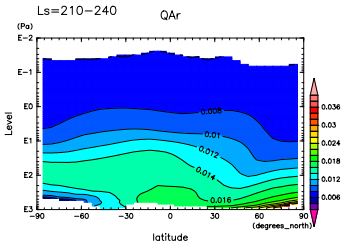

Figure 227: QAr at L_s=210°–240° by DCPAM

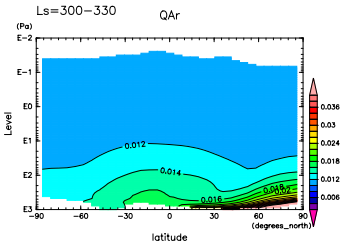

Figure 230: QAr at L_s=300°–330° by DCPAM

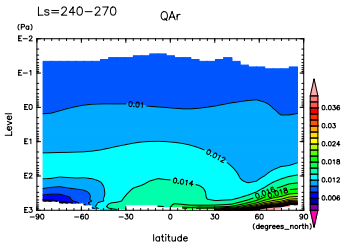

Figure 228: QAr at L_s=240°–270° by DCPAM

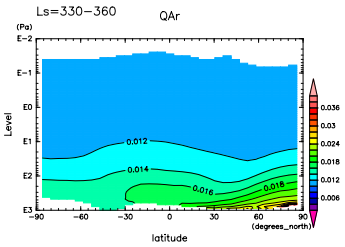

Figure 231: QAr at L_s=330°–360° by DCPAM

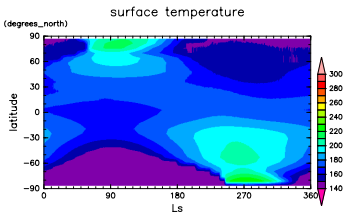

Figure 232: T_s at 02 LST by DCPAM

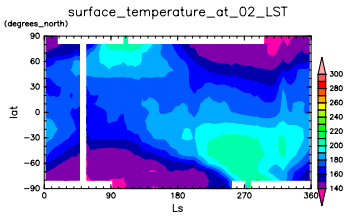

Figure 234: T_s at 02 LST by MGS

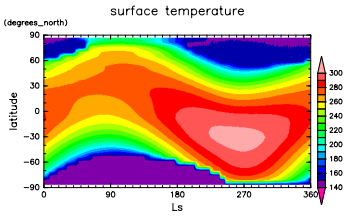

Figure 233: T_s at 14 LST by DCPAM

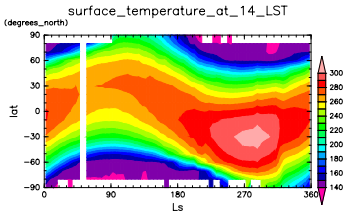

Figure 235: T_s at 14 LST by MGS

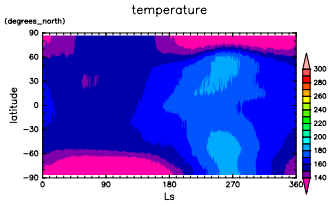

Figure 236: T at 18 Pa and at 02 LST by DCPAM

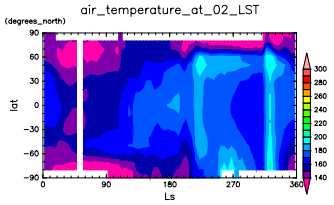

Figure 240: T at 18 Pa and at 02 LST by MGS

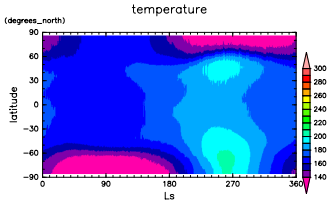

Figure 237: T at 50 Pa and at 02 LST by DCPAM

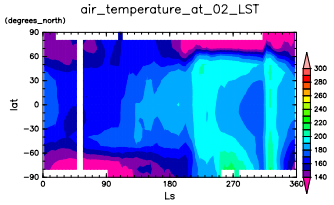

Figure 241: T at 50 Pa and at 02 LST by MGS

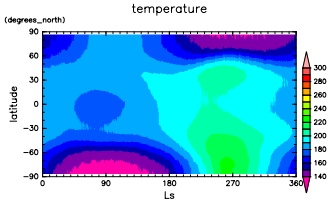

Figure 238: T at 136 Pa and at 02 LST by DCPAM

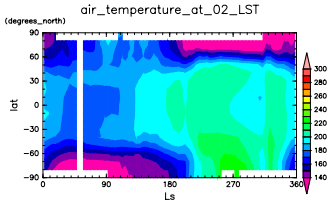

Figure 242: T at 136 Pa and at 02 LST by MGS

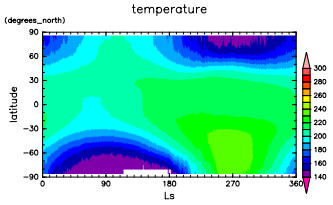

Figure 239: T at 370 Pa and at 02 LST by DCPAM

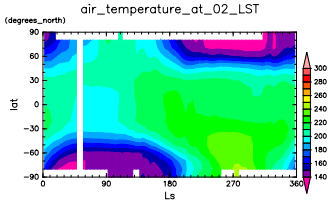

Figure 243: T at 370 Pa and at 02 LST by MGS

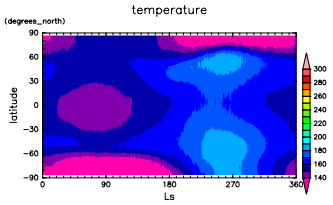

Figure 244: T at 18 Pa and at 14 LST by DCPAM

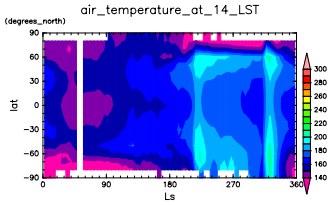

Figure 248: T at 18 Pa and at 14 LST by MGS

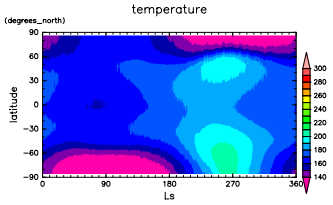

Figure 245: T at 50 Pa and at 14 LST by DCPAM

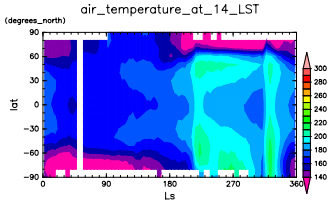

Figure 249: T at 50 Pa and at 14 LST by MGS

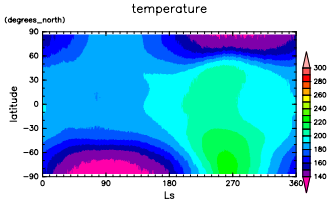

Figure 246: T at 136 Pa and at 14 LST by DCPAM

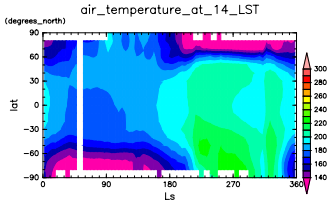

Figure 250: T at 136 Pa and at 14 LST by MGS

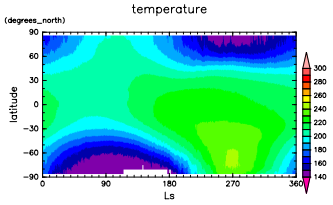

Figure 247: T at 370 Pa and at 14 LST by DCPAM

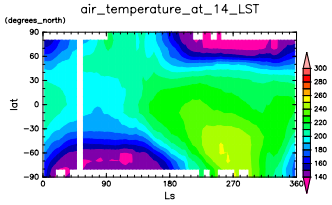

Figure 251: T at 370 Pa and at 14 LST by MGS

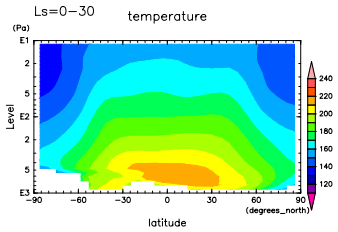

Figure 252: Temp at 02 LST and Ls=0°-30° by DCPAM

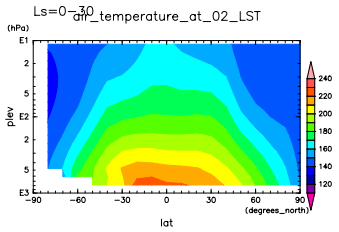

Figure 255: Temp at 02 LST and Ls=0°-30° by MGS

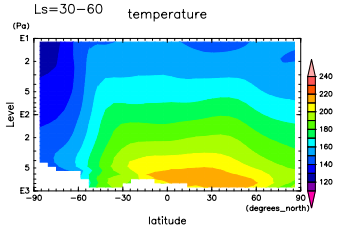

Figure 253: Temp at 02 LST and Ls=30°-60° by DCPAM

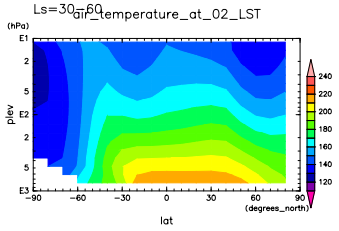

Figure 256: Temp at 02 LST and Ls=30°-60° by MGS

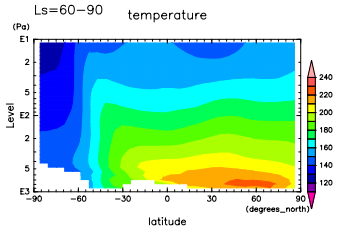

Figure 254: Temp at 02 LST and Ls=60°-90° by DCPAM

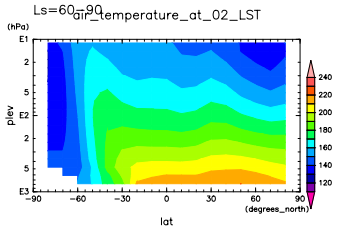

Figure 257: Temp at 02 LST and Ls=60°-90° by MGS

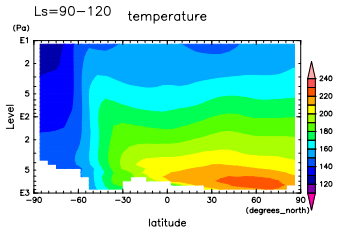

Figure 258: Temp at 02 LST and Ls=90°-120° by DCPAM

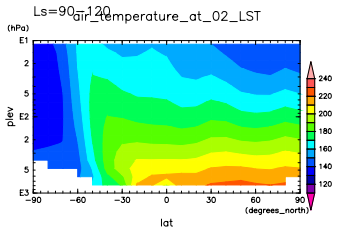

Figure 261: Temp at 02 LST and Ls=90°-120° by MGS

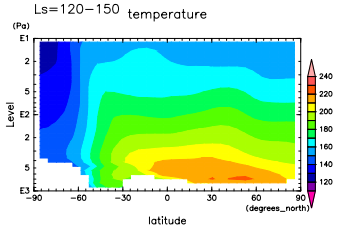

Figure 259: Temp at 02 LST and Ls=120°-150° by DCPAM

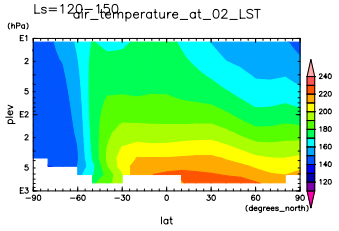

Figure 262: Temp at 02 LST and Ls=120°-150° by MGS

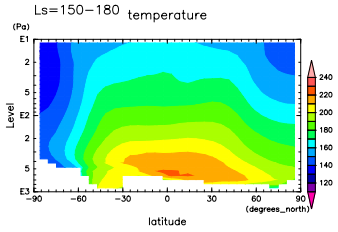

Figure 260: Temp at 02 LST and Ls=150°-180° by DCPAM

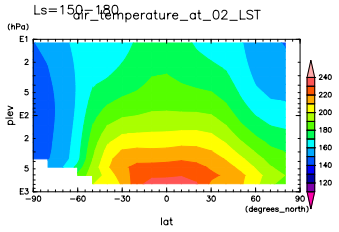

Figure 263: Temp at 02 LST and Ls=150°-180° by MGS

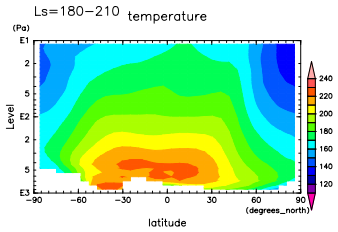

Figure 264: Temp at 02 LST and Ls=180°-210° by DCPAM

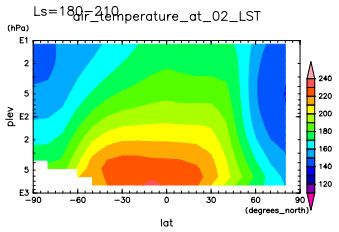

Figure 267: Temp at 02 LST and Ls=180°-210° by MGS

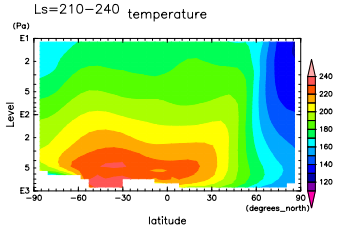

Figure 265: Temp at 02 LST and Ls=210°-240° by DCPAM

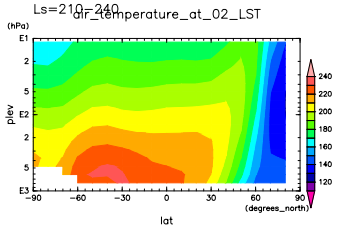

Figure 268: Temp at 02 LST and Ls=210°-240° by MGS

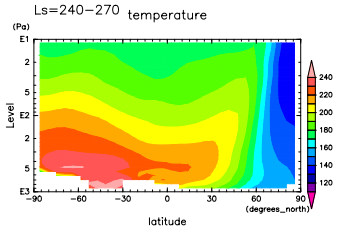

Figure 266: Temp at 02 LST and Ls=240°-270° by DCPAM

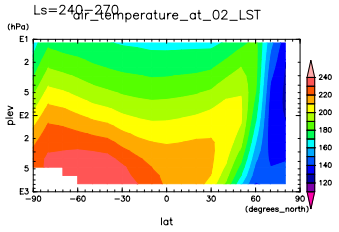

Figure 269: Temp at 02 LST and Ls=240°-270° by MGS

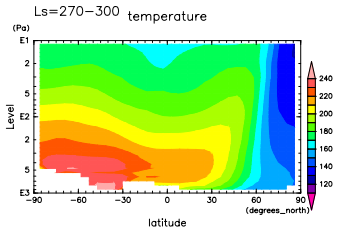

Figure 270: Temp at 02 LST and Ls=270°-300° by DCPAM

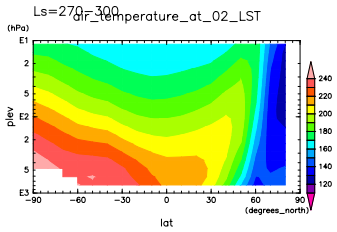

Figure 273: Temp at 02 LST and Ls=270°-300° by MGS

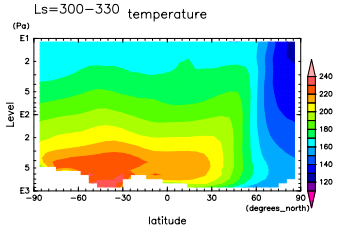

Figure 271: Temp at 02 LST and Ls=300°-330° by DCPAM

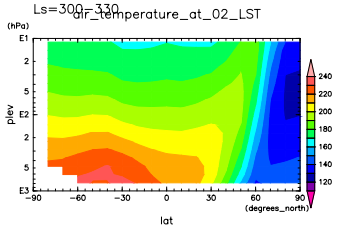

Figure 274: Temp at 02 LST and Ls=300°-330° by MGS

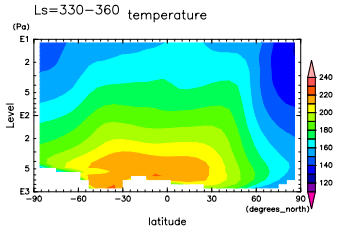

Figure 272: Temp at 02 LST and Ls=330°-360° by DCPAM

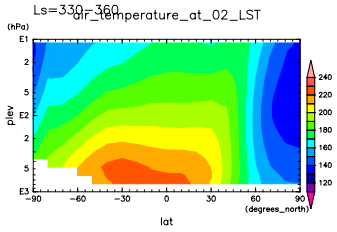

Figure 275: Temp at 02 LST and Ls=330°-360° by MGS

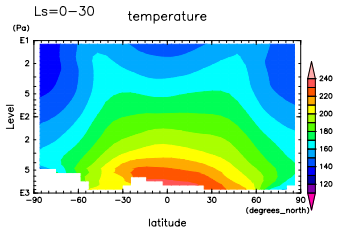

Figure 276: Temp at 14 LST and Ls=0°-30° by DCPAM

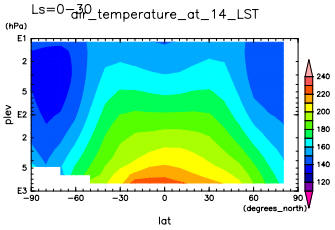

Figure 279: Temp at 14 LST and Ls=0°-30° by MGS

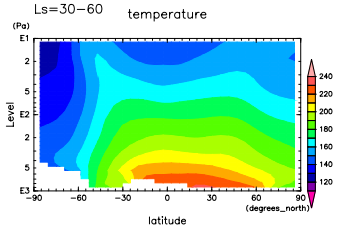

Figure 277: Temp at 14 LST and Ls=30°-60° by DCPAM

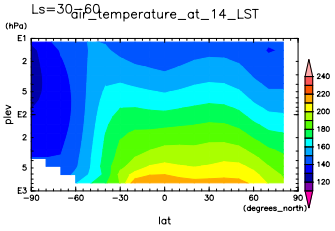

Figure 280: Temp at 14 LST and Ls=30°-60° by MGS

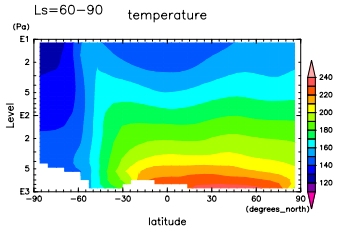

Figure 278: Temp at 14 LST and Ls=60°-90° by DCPAM

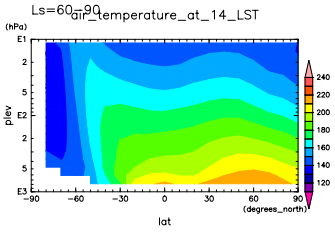

Figure 281: Temp at 14 LST and Ls=60°-90° by MGS

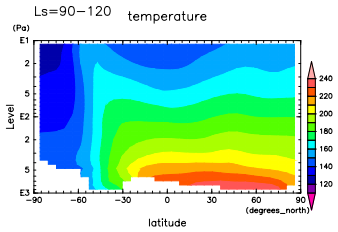

Figure 282: Temp at 14 LST and Ls=90°-120° by DCPAM

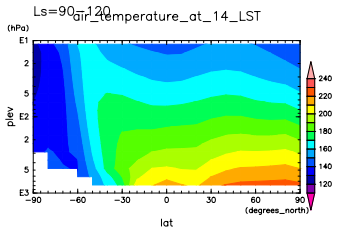

Figure 285: Temp at 14 LST and Ls=90°-120° by MGS

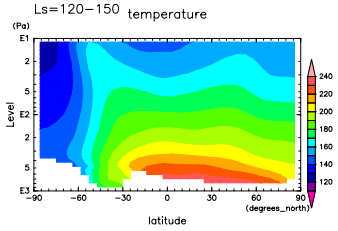

Figure 283: Temp at 14 LST and Ls=120°-150° by DCPAM

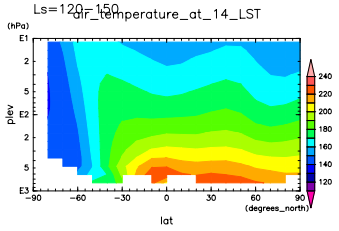

Figure 286: Temp at 14 LST and Ls=120°-150° by MGS

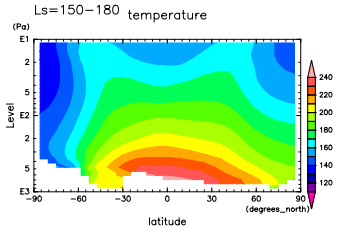

Figure 284: Temp at 14 LST and Ls=150°-180° by DCPAM

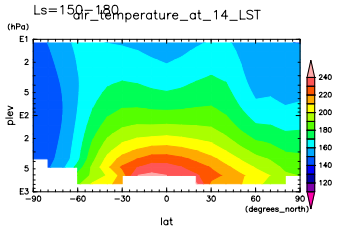

Figure 287: Temp at 14 LST and Ls=150°-180° by MGS

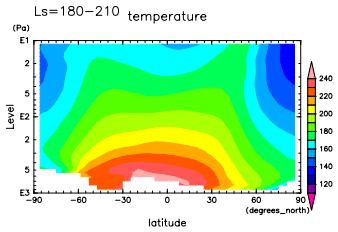

Figure 288: Temp at 14 LST and Ls=180°-210° by DCPAM

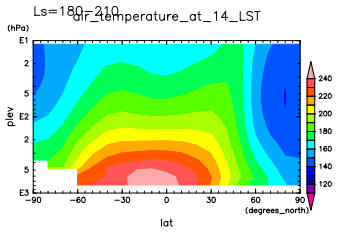

Figure 291: Temp at 14 LST and Ls=180°-210° by MGS

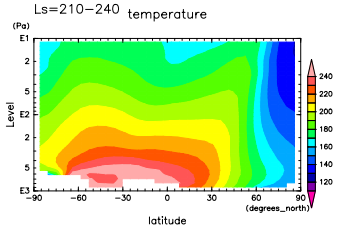

Figure 289: Temp at 14 LST and Ls=210°-240° by DCPAM

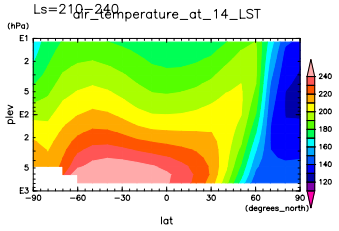

Figure 292: Temp at 14 LST and Ls=210°-240° by MGS

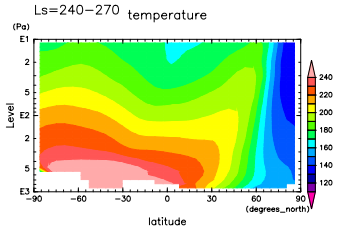

Figure 290: Temp at 14 LST and Ls=240°-270° by DCPAM

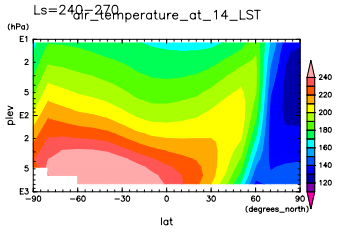

Figure 293: Temp at 14 LST and Ls=240°-270° by MGS

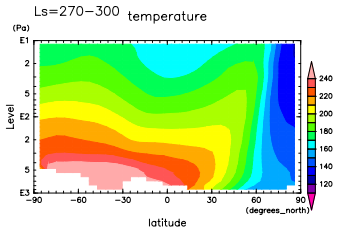

Figure 294: Temp at 14 LST and Ls=270°-300° by DCPAM

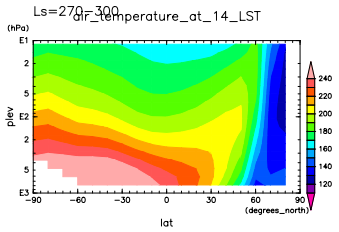

Figure 297: Temp at 14 LST and Ls=270°-300° by MGS

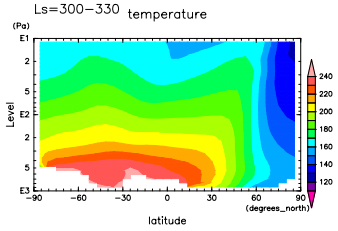

Figure 295: Temp at 14 LST and Ls=300°-330° by DCPAM

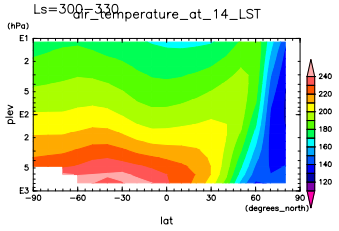

Figure 298: Temp at 14 LST and Ls=300°-330° by MGS

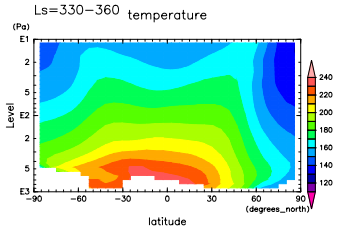

Figure 296: Temp at 14 LST and Ls=330°-360° by DCPAM

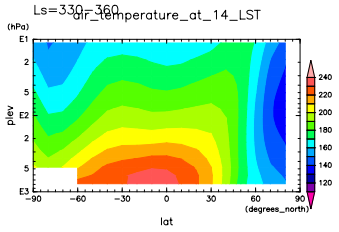

Figure 299: Temp at 14 LST and Ls=330°-360° by MGS

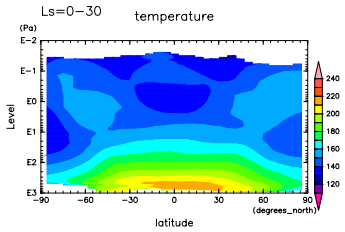

Figure 300: Temp at 03 LST and Ls=0°-30° by DCPAM

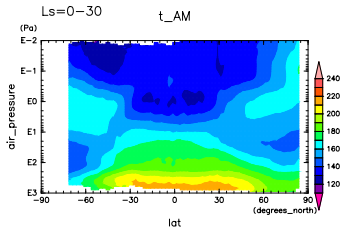

Figure 303: Temp at 03 LST and Ls=0°-30° by MRO

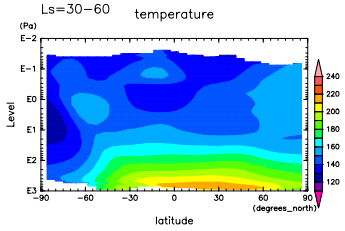

Figure 301: Temp at 03 LST and Ls=30°-60° by DCPAM

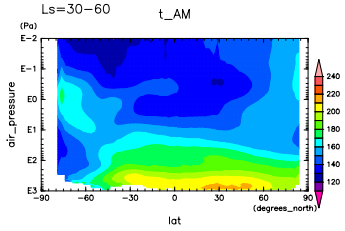

Figure 304: Temp at 03 LST and Ls=30°-60° by MRO

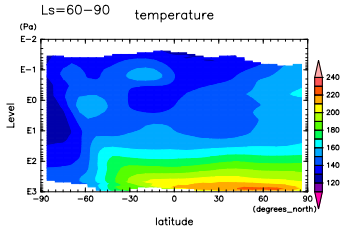

Figure 302: Temp at 03 LST and Ls=60°-90° by DCPAM

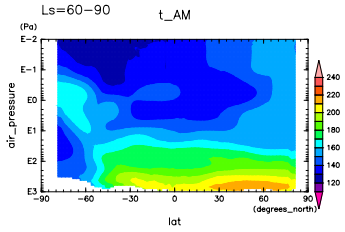

Figure 305: Temp at 03 LST and Ls=60°-90° by MRO

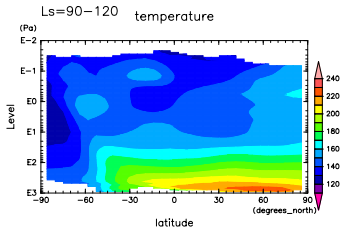

Figure 306: Temp at 03 LST and Ls=90°-120° by DCPAM

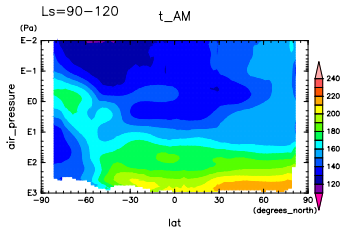

Figure 309: Temp at 03 LST and Ls=90°-120° by MRO

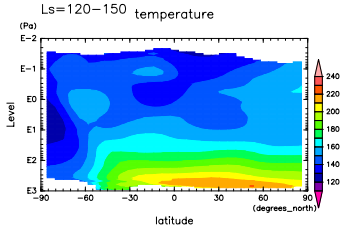

Figure 307: Temp at 03 LST and Ls=120°-150° by DCPAM

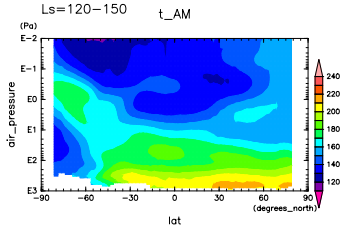

Figure 310: Temp at 03 LST and Ls=120°-150° by MRO

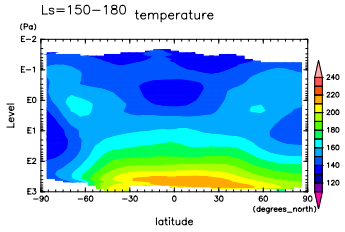

Figure 308: Temp at 03 LST and Ls=150°-180° by DCPAM

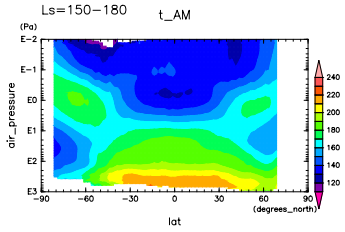

Figure 311: Temp at 03 LST and Ls=150°-180° by MRO

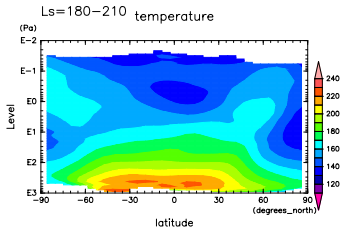

Figure 312: Temp at 03 LST and Ls=180°-210° by DCPAM

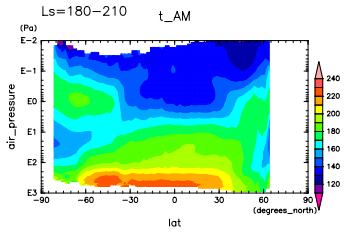

Figure 315: Temp at 03 LST and Ls=180°-210° by MRO

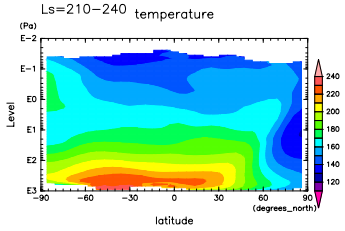

Figure 313: Temp at 03 LST and Ls=210°-240° by DCPAM

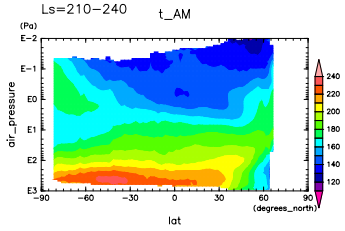

Figure 316: Temp at 03 LST and Ls=210°-240° by MRO

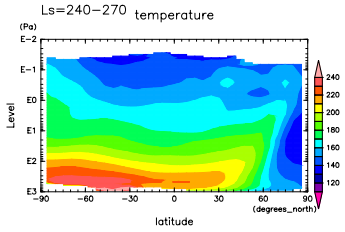

Figure 314: Temp at 03 LST and Ls=240°-270° by DCPAM

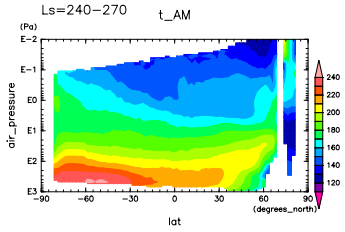

Figure 317: Temp at 03 LST and Ls=240°-270° by MRO

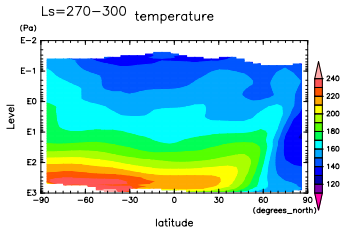

Figure 318: Temp at 03 LST and Ls=270°-300° by DCPAM

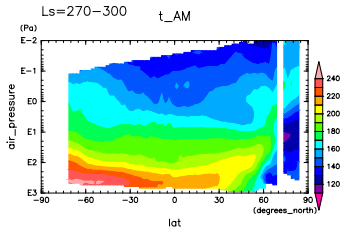

Figure 321: Temp at 03 LST and Ls=270°-300° by MRO

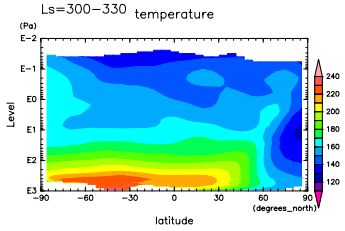

Figure 319: Temp at 03 LST and Ls=300°-330° by DCPAM

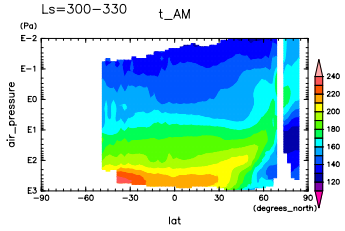

Figure 322: Temp at 03 LST and Ls=300°-330° by MRO

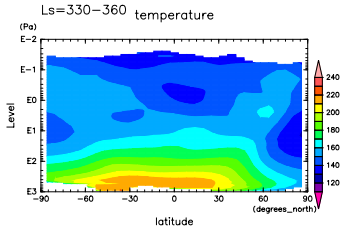

Figure 320: Temp at 03 LST and Ls=330°-360° by DCPAM

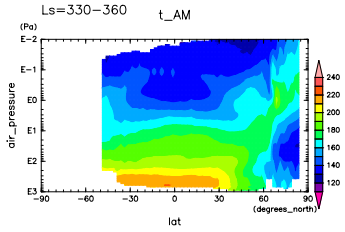

Figure 323: Temp at 03 LST and Ls=330°-360° by MRO

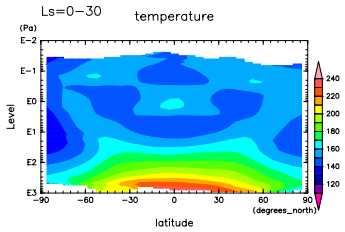

Figure 324: Temp at 15 LST and Ls=0°-30° by DCPAM

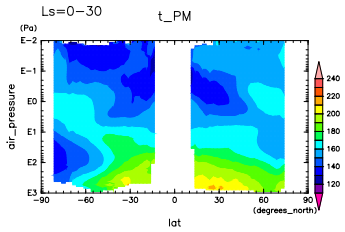

Figure 327: Temp at 15 LST and Ls=0°-30° by MRO

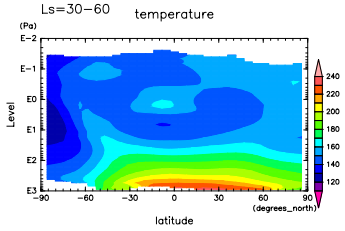

Figure 325: Temp at 15 LST and Ls=30°-60° by DCPAM

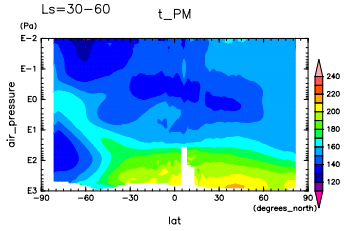

Figure 328: Temp at 15 LST and Ls=30°-60° by MRO

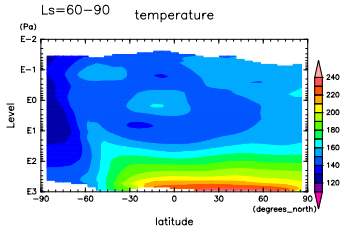

Figure 326: Temp at 15 LST and Ls=60°-90° by DCPAM

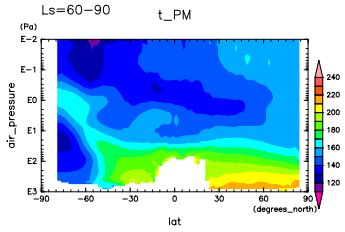

Figure 329: Temp at 15 LST and Ls=60°-90° by MRO

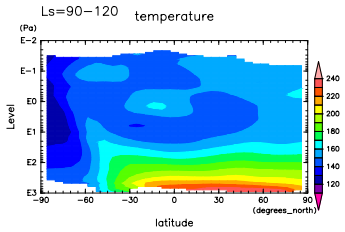

Figure 330: Temp at 15 LST and Ls=90°-120° by DCPAM

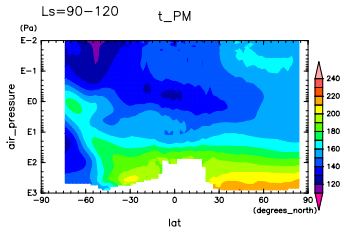

Figure 333: Temp at 15 LST and Ls=90°-120° by MRO

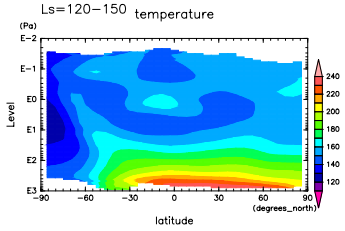

Figure 331: Temp at 15 LST and Ls=120°-150° by DCPAM

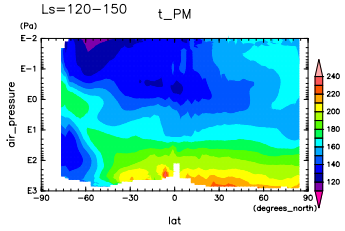

Figure 334: Temp at 15 LST and Ls=120°-150° by MRO

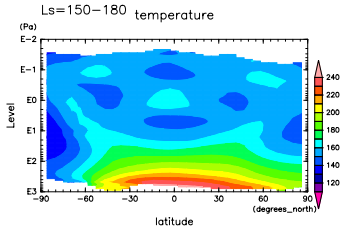

Figure 332: Temp at 15 LST and Ls=150°-180° by DCPAM

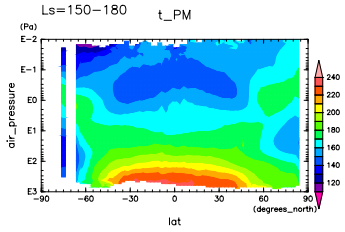

Figure 335: Temp at 15 LST and Ls=150°-180° by MRO

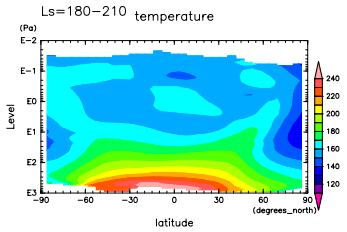

Figure 336: Temp at 15 LST and Ls=180°-210° by DCPAM

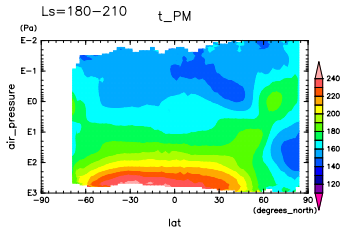

Figure 339: Temp at 15 LST and Ls=180°-210° by MRO

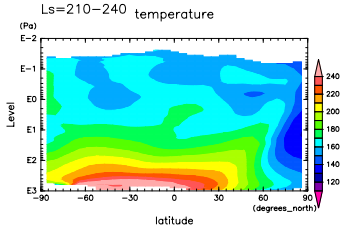

Figure 337: Temp at 15 LST and Ls=210°-240° by DCPAM

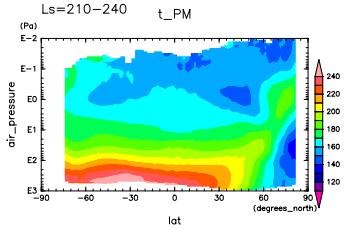

Figure 340: Temp at 15 LST and Ls=210°-240° by MRO

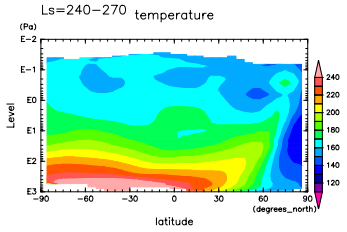

Figure 338: Temp at 15 LST and Ls=240°-270° by DCPAM

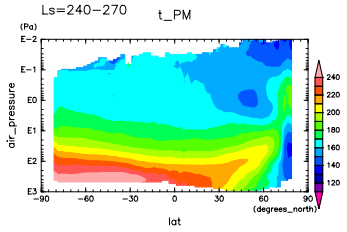

Figure 341: Temp at 15 LST and Ls=240°-270° by MRO

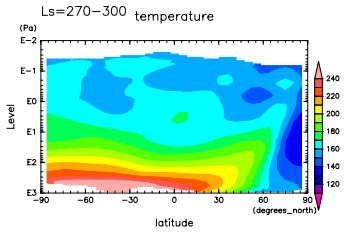

Figure 342: Temp at 15 LST and Ls=270°-300° by DCPAM

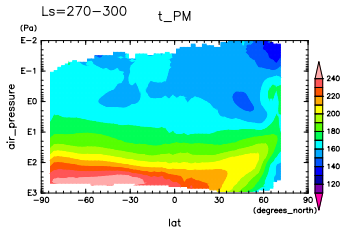

Figure 345: Temp at 15 LST and Ls=270°-300° by MRO

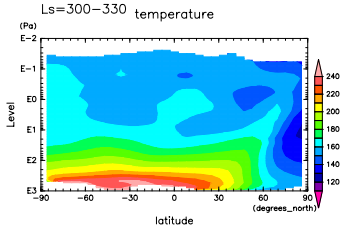

Figure 343: Temp at 15 LST and Ls=300°-330° by DCPAM

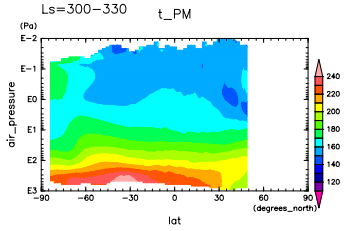

Figure 346: Temp at 15 LST and Ls=300°-330° by MRO

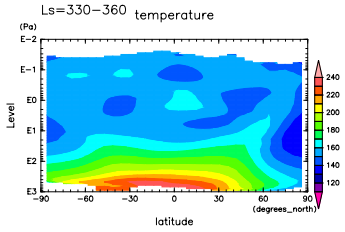

Figure 344: Temp at 15 LST and Ls=330°-360° by DCPAM

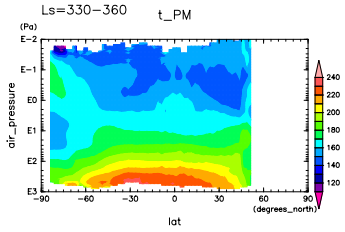

Figure 347: Temp at 15 LST and Ls=330°-360° by MRO

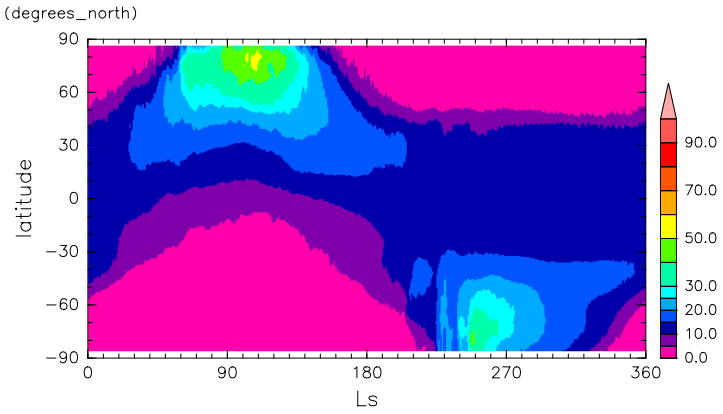

Figure 348: Column integrated water vapor by DCPAM

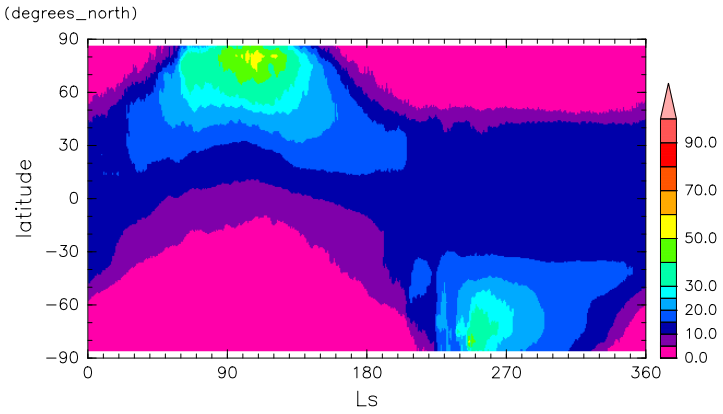

Figure 349: Column integrated water vapor by DCPAM

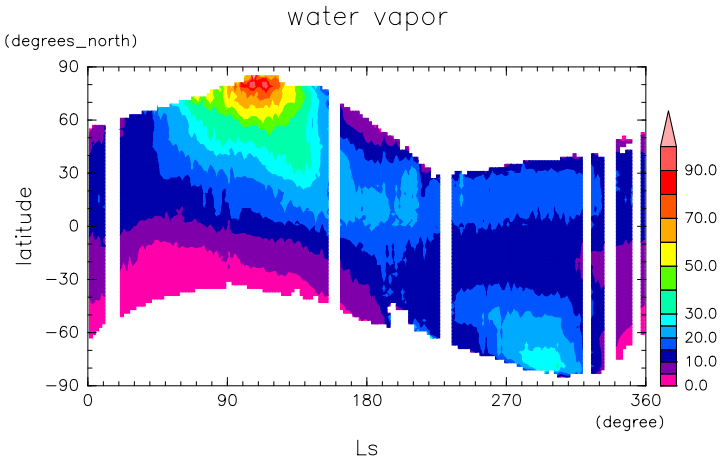

Figure 350: Column integrated water vapor observed by MGS-TES in MY25

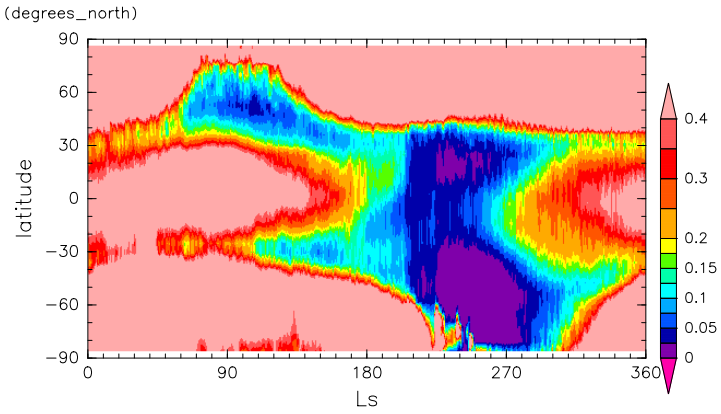

Figure 351: Optical depth of water ice by DCPAM

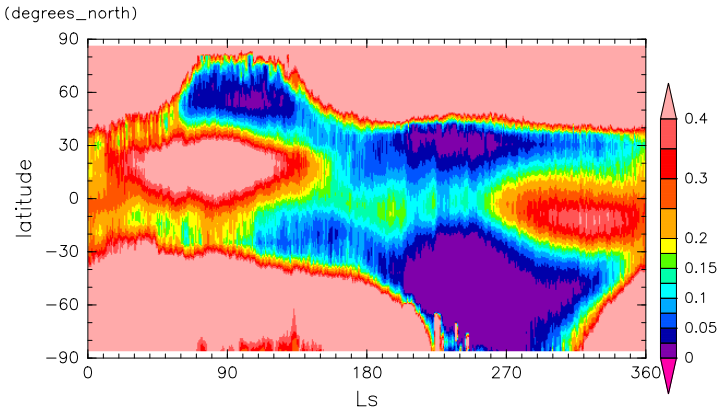

Figure 352: Optical depth of water ice by DCPAM

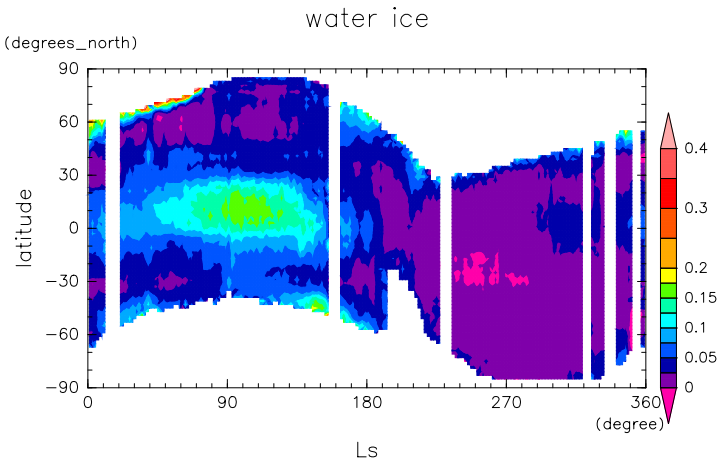

Figure 353: Optical depthof water ice observed by MGS-TES in MY25

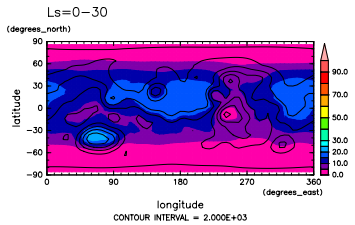

Figure 354: Prec. water at 02 LST and Ls=0°-30° by DCPAM

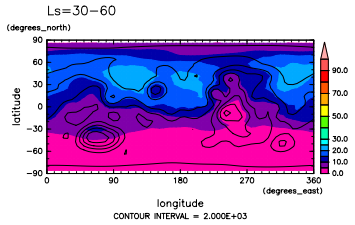

Figure 355: Prec. water at 02 LST and Ls=30°-60° by DCPAM

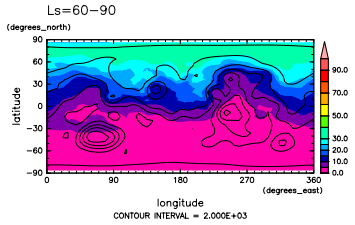

Figure 356: Prec. water at 02 LST and Ls=60°-90° by DCPAM

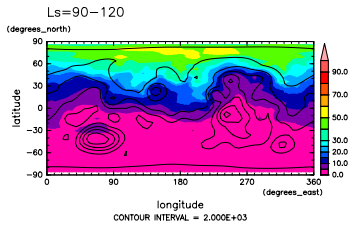

Figure 357: Prec. water at 02 LST and Ls=90°-120° by DCPAM

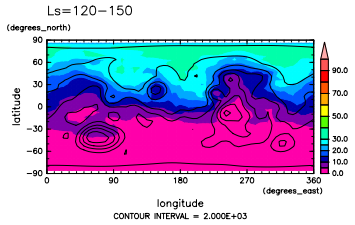

Figure 358: Prec. water at 02 LST and Ls=120°-150° by DCPAM

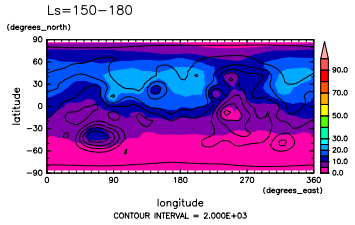

Figure 359: Prec. water at 02 LST and Ls=150°-180° by DCPAM

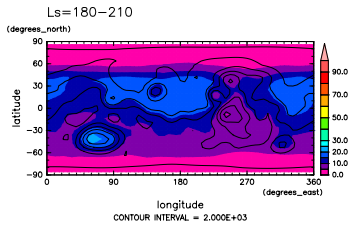

Figure 360: Prec. water at 02 LST and Ls=180°-210° by DCPAM

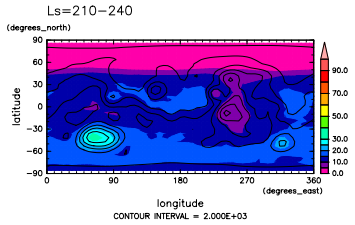

Figure 361: Prec. water at 02 LST and Ls=210°-240° by DCPAM

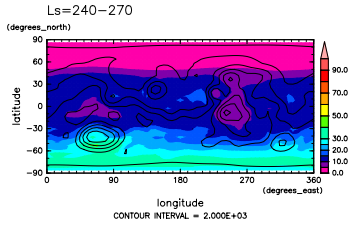

Figure 362: Prec. water at 02 LST and Ls=240°-270° by DCPAM

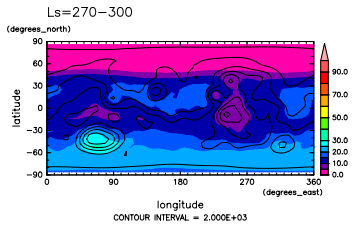

Figure 363: Prec. water at 02 LST and Ls=270°-300° by DCPAM

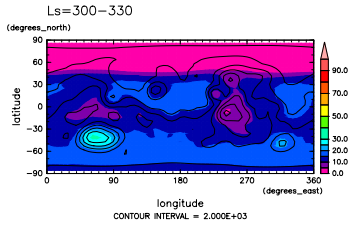

Figure 364: Prec. water at 02 LST and Ls=300°-330° by DCPAM

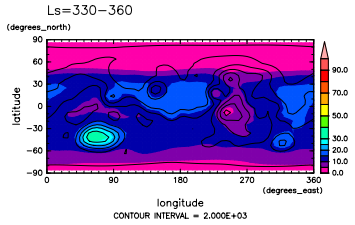

Figure 365: Prec. water at 02 LST and Ls=330°-360° by DCPAM

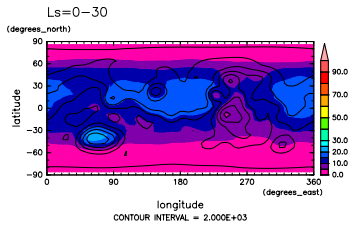

Figure 366: Prec. water at 14 LST and Ls=0°-30° by DCPAM

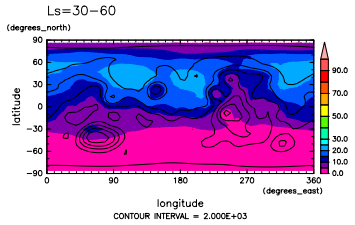

Figure 367: Prec. water at 14 LST and Ls=30°-60° by DCPAM

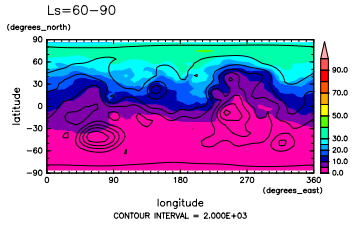

Figure 368: Prec. water at 14 LST and Ls=60°-90° by DCPAM

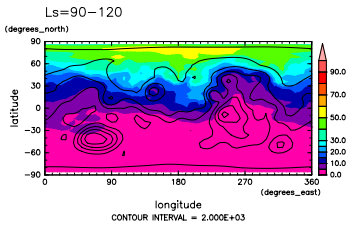

Figure 369: Prec. water at 14 LST and Ls=90°-120° by DCPAM

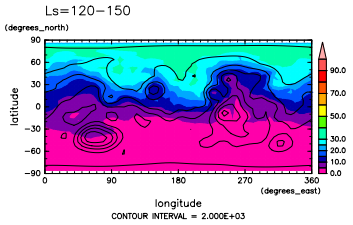

Figure 370: Prec. water at 14 LST and Ls=120°-150° by DCPAM

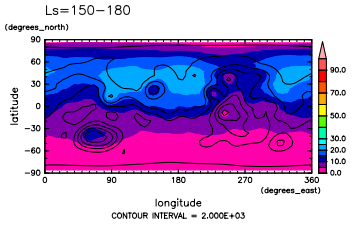

Figure 371: Prec. water at 14 LST and Ls=150°-180° by DCPAM

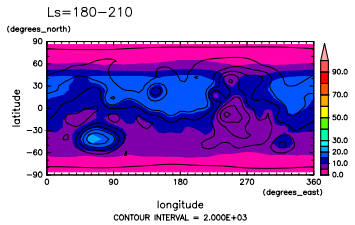

Figure 372: Prec. water at 14 LST and Ls=180°-210° by DCPAM

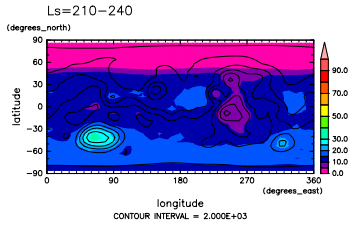

Figure 373: Prec. water at 14 LST and Ls=210°-240° by DCPAM

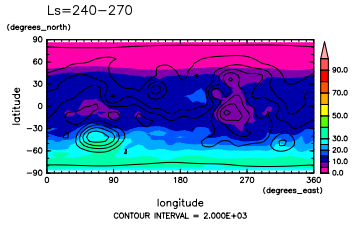

Figure 374: Prec. water at 14 LST and Ls=240°-270° by DCPAM

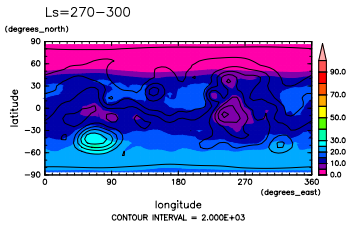

Figure 375: Prec. water at 14 LST and Ls=270°-300° by DCPAM

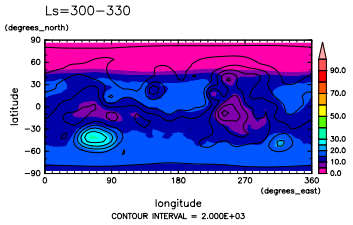

Figure 376: Prec. water at 14 LST and Ls=300°-330° by DCPAM

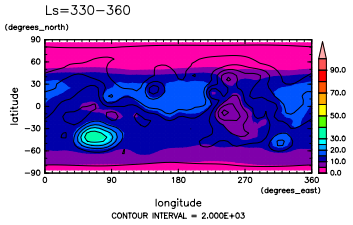

Figure 377: Prec. water at 14 LST and Ls=330°-360° by DCPAM

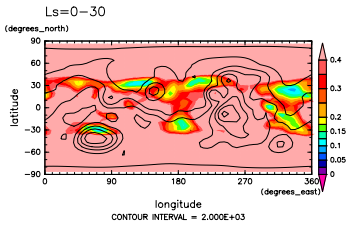

Figure 378: H_2O ice cloud optical depth at 02 LST and Ls=0°-30° by DCPAM

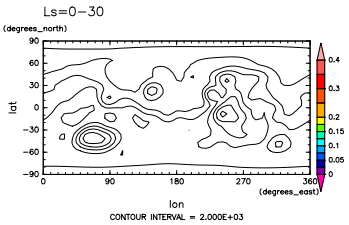

Figure 381: H_2O ice cloud optical depth at 02 LST and Ls=0°-30° by MGS

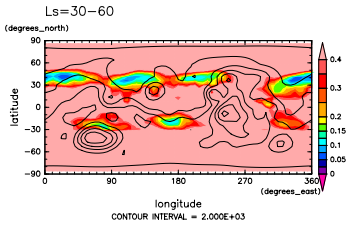

Figure 379: H_2O ice cloud optical depth at 02 LST and Ls=30°-60° by DCPAM

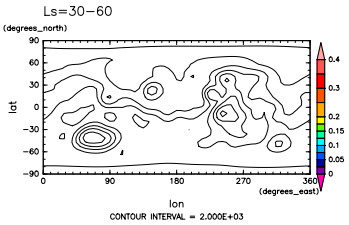

Figure 382: H_2O ice cloud optical depth at 02 LST and Ls=30°-60° by MGS

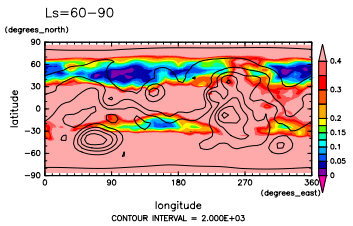

Figure 380: H_2O ice cloud optical depth at 02 LST and Ls=60°-90° by DCPAM

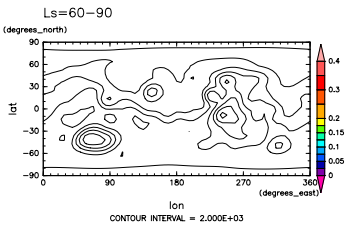

Figure 383: H_2O ice cloud optical depth at 02 LST and Ls=60°-90° by MGS

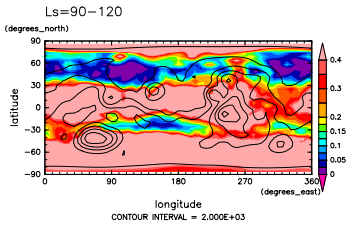

Figure 384: H_2O ice cloud optical depth at 02 LST and Ls=90°-120° by DCPAM

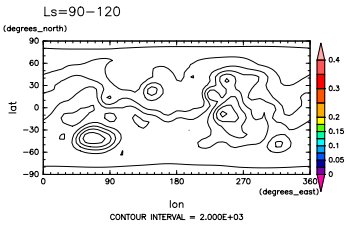

Figure 387: H_2O ice cloud optical depth at 02 LST and Ls=90°-120° by MGS

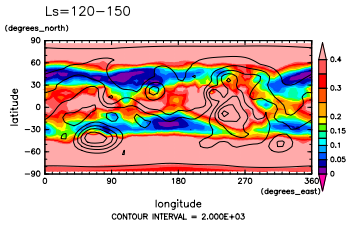

Figure 385: H_2O ice cloud optical depth at 02 LST and Ls=120°-150° by DCPAM

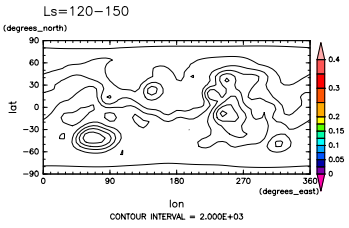

Figure 388: H_2O ice cloud optical depth at 02 LST and Ls=120°-150° by MGS

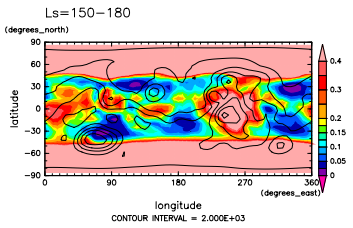

Figure 386: H_2O ice cloud optical depth at 02 LST and Ls=150°-180° by DCPAM

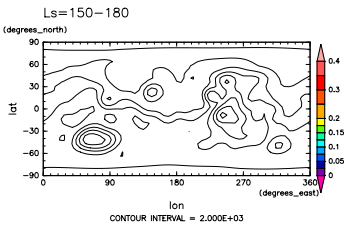

Figure 389: H_2O ice cloud optical depth at 02 LST and Ls=150°-180° by MGS

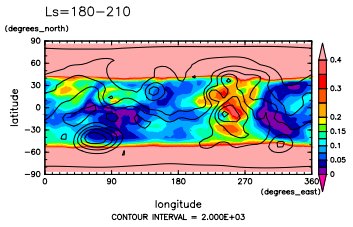

Figure 390: H_2O ice cloud optical depth at 02 LST and Ls=180°-210° by DCPAM

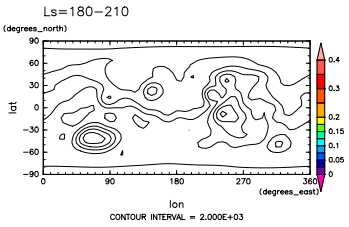

Figure 393: H_2O ice cloud optical depth at 02 LST and Ls=180°-210° by MGS

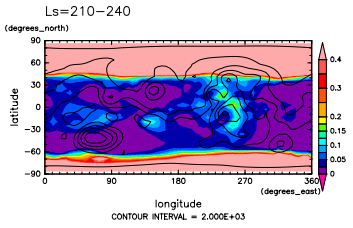

Figure 391: H_2O ice cloud optical depth at 02 LST and Ls=210°-240° by DCPAM

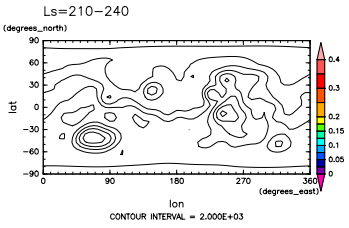

Figure 394: H_2O ice cloud optical depth at 02 LST and Ls=210°-240° by MGS

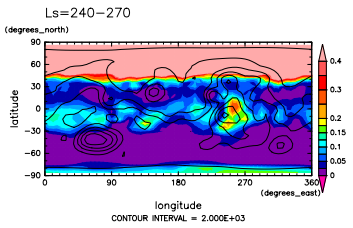

Figure 392: H_2O ice cloud optical depth at 02 LST and Ls=240°-270° by DCPAM

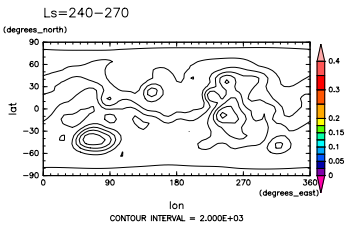

Figure 395: H_2O ice cloud optical depth at 02 LST and Ls=240°-270° by MGS

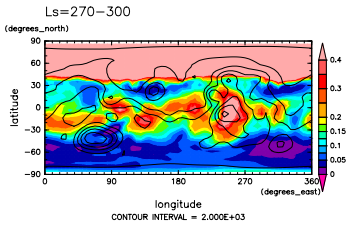

Figure 396: H_2O ice cloud optical depth at 02 LST and Ls=270°-300° by DCPAM

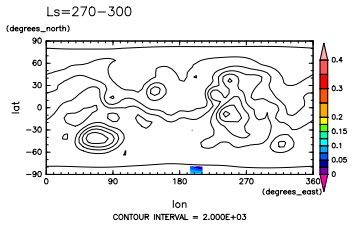

Figure 399: H_2O ice cloud optical depth at 02 LST and Ls=270°-300° by MGS

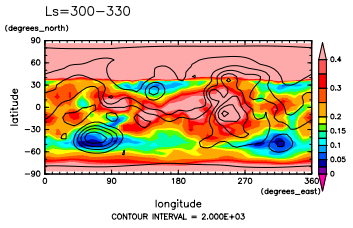

Figure 397: H_2O ice cloud optical depth at 02 LST and Ls=300°-330° by DCPAM

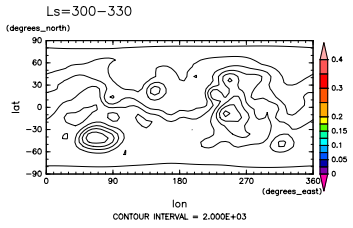

Figure 400: H_2O ice cloud optical depth at 02 LST and Ls=300°-330° by MGS

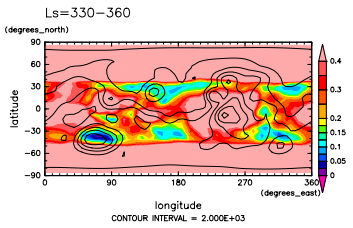

Figure 398: H_2O ice cloud optical depth at 02 LST and Ls=330°-360° by DCPAM

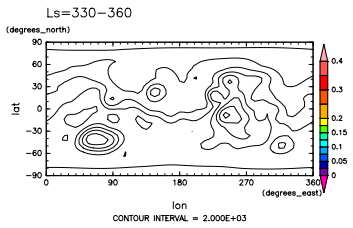

Figure 401: H_2O ice cloud optical depth at 02 LST and Ls=330°-360° by MGS

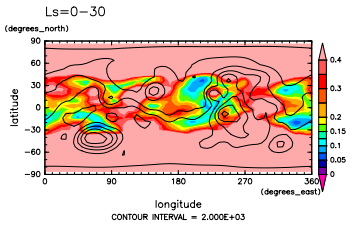

Figure 402: H_2O ice cloud optical depth at 14 LST and Ls=0°-30° by DCPAM

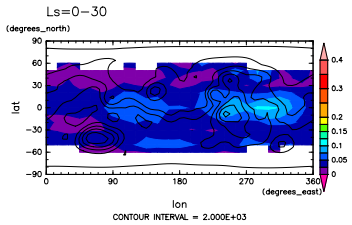

Figure 405: H_2O ice cloud optical depth at 14 LST and Ls=0°-30° by MGS

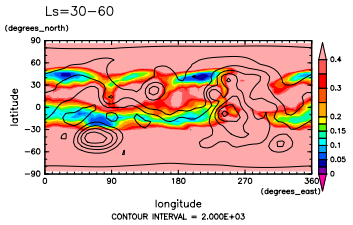

Figure 403: H_2O ice cloud optical depth at 14 LST and Ls=30°-60° by DCPAM

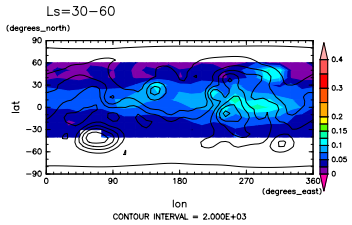

Figure 406: H_2O ice cloud optical depth at 14 LST and Ls=30°-60° by MGS

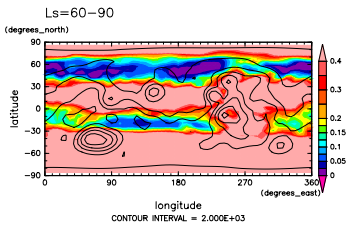

Figure 404: H_2O ice cloud optical depth at 14 LST and Ls=60°-90° by DCPAM

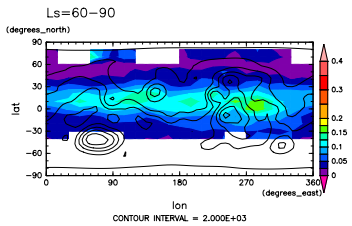

Figure 407: H_2O ice cloud optical depth at 14 LST and Ls=60°-90° by MGS

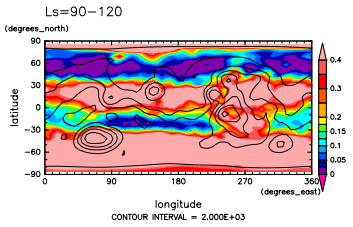

Figure 408: H_2O ice cloud optical depth at 14 LST and Ls=90°-120° by DCPAM

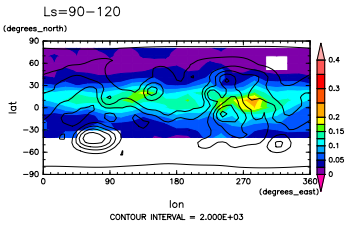

Figure 411: H_2O ice cloud optical depth at 14 LST and Ls=90°-120° by MGS

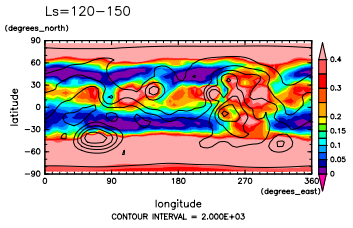

Figure 409: H_2O ice cloud optical depth at 14 LST and Ls=120°-150° by DCPAM

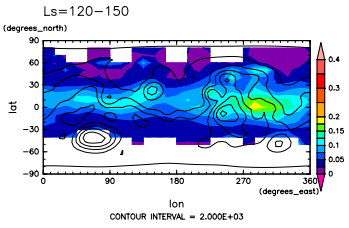

Figure 412: H_2O ice cloud optical depth at 14 LST and Ls=120°-150° by MGS

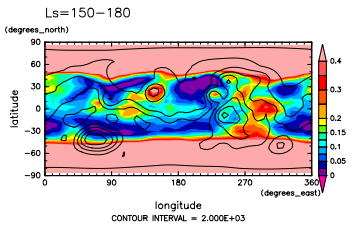

Figure 410: H_2O ice cloud optical depth at 14 LST and Ls=150°-180° by DCPAM

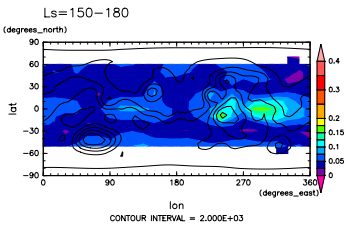

Figure 413: H_2O ice cloud optical depth at 14 LST and Ls=150°-180° by MGS

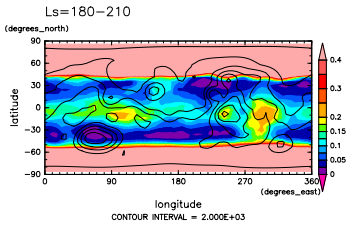

Figure 414: H_2O ice cloud optical depth at 14 LST and Ls=180°-210° by DCPAM

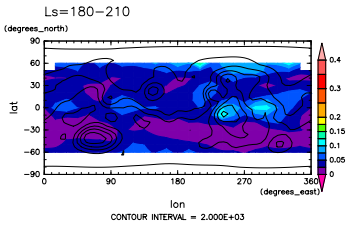

Figure 417: H_2O ice cloud optical depth at 14 LST and Ls=180°-210° by MGS

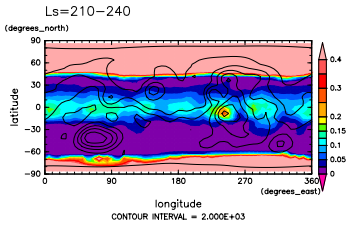

Figure 415: H_2O ice cloud optical depth at 14 LST and Ls=210°-240° by DCPAM

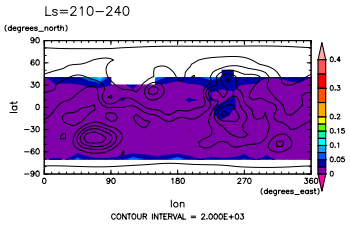

Figure 418: H_2O ice cloud optical depth at 14 LST and Ls=210°-240° by MGS

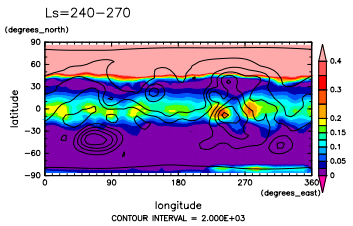

Figure 416: H_2O ice cloud optical depth at 14 LST and Ls=240°-270° by DCPAM

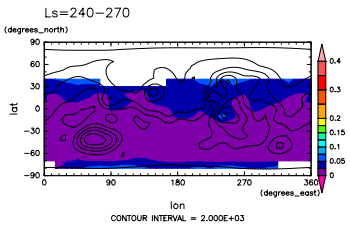

Figure 419: H_2O ice cloud optical depth at 14 LST and Ls=240°-270° by MGS

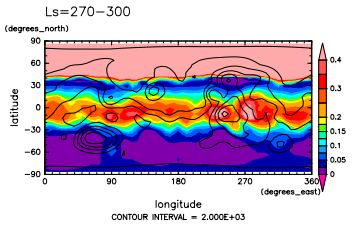

Figure 420: H_2O ice cloud optical depth at 14 LST and Ls=270°-300° by DCPAM

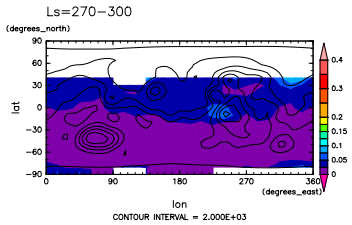

Figure 423: H_2O ice cloud optical depth at 14 LST and Ls=270°-300° by MGS

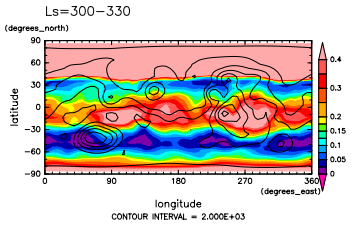

Figure 421: H_2O ice cloud optical depth at 14 LST and Ls=300°-330° by DCPAM

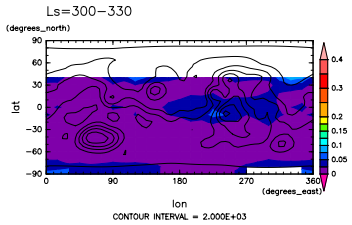

Figure 424: H_2O ice cloud optical depth at 14 LST and Ls=300°-330° by MGS

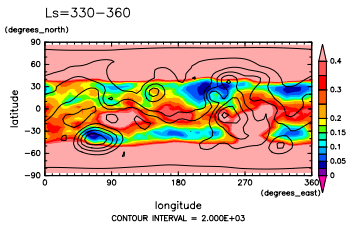

Figure 422: H_2O ice cloud optical depth at 14 LST and Ls=330°-360° by DCPAM

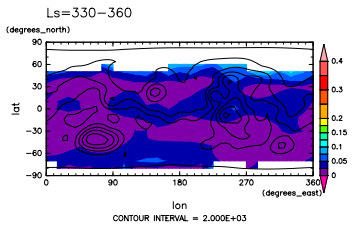

Figure 425: H_2O ice cloud optical depth at 14 LST and Ls=330°-360° by MGS

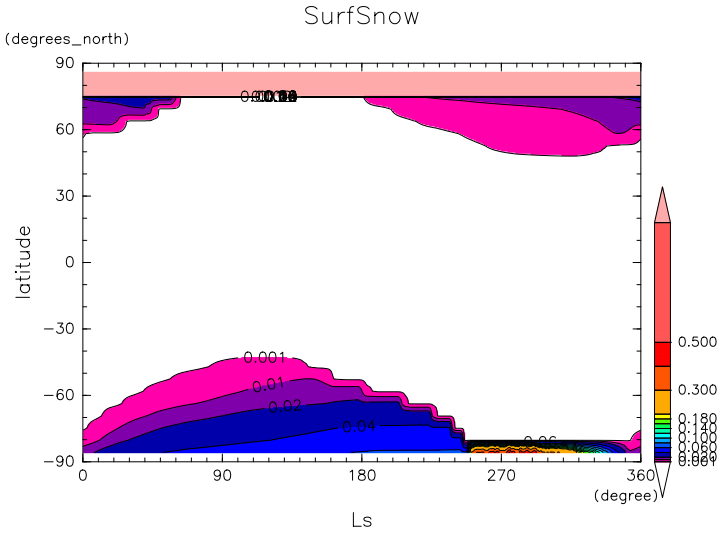

Figure 426: Snow on the ground by DCPAM

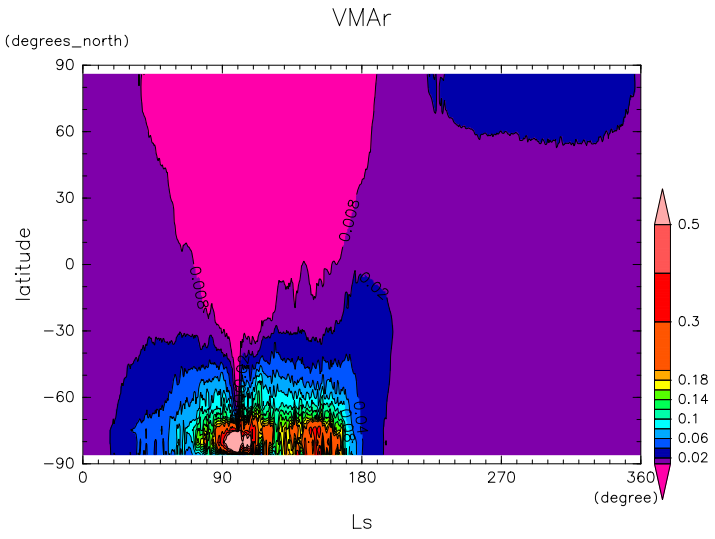

Figure 427: Column mean argon mass mixing ratio by DCPAM

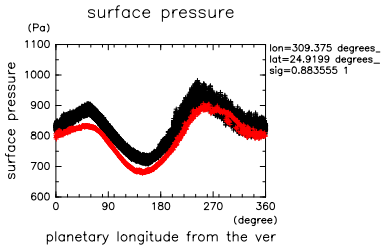

Figure 428: Surface pressure at Viking lander 1 site by DCPAM (black) and observation (diurnal mean, red)

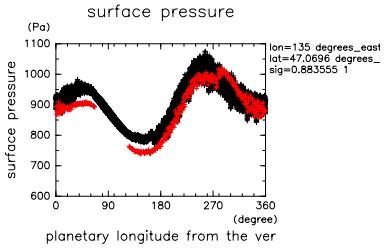

Figure 429: Surface pressure at Viking lander 2 site by DCPAM (black) and observation (diurnal mean, red)

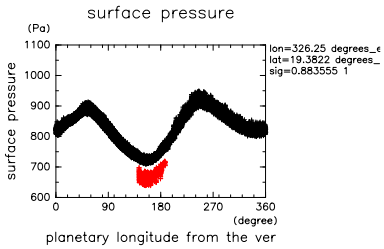

Figure 430: Surface pressure at Mars Pathfinder site by DCPAM (black) and observation (red)

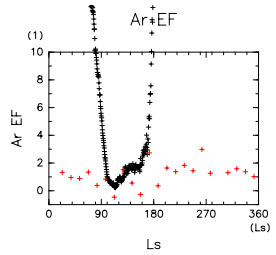

Figure 431: Argon enhancement factor from 75°N to 90°N by DCPAM (black) and observation (red). Observed value is obtained from Figure 1 of Lian et al. (2012).

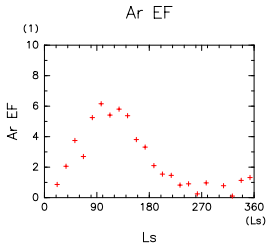

Figure 432: Argon enhancement factor from 75°S to 90°S by DCPAM (black) and observation (red). Observed value is obtained from Figure 1 of Lian et al. (2012).

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Value at (lon,lat,Ls)=(134.3,48.0,1575)=0.00019637485092971474   :    0.0145
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