Results of dcpam are compared with MGS[1]-TES[2] and MRO[3]-MCS[4] data. MGS-TES and MRO-MCS data used for comparison are those in MY26[5] and MY30. Those observational data are downloaded from the PDS[6].

[1]Mars Global Surveyor
[2]Thermal Emission Spectrometer
[3]Mars Reconnaissance Orbiter
[4]Mars Climate Sounder
[5]MY stands for Mars Year
[6]Planetary Data System

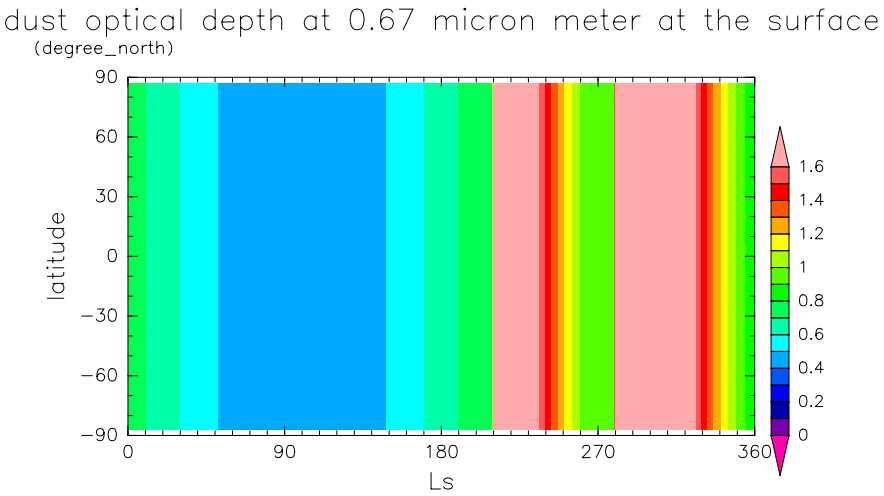

Figure 1: Daily mean dust optical depth prescribed in dcpam

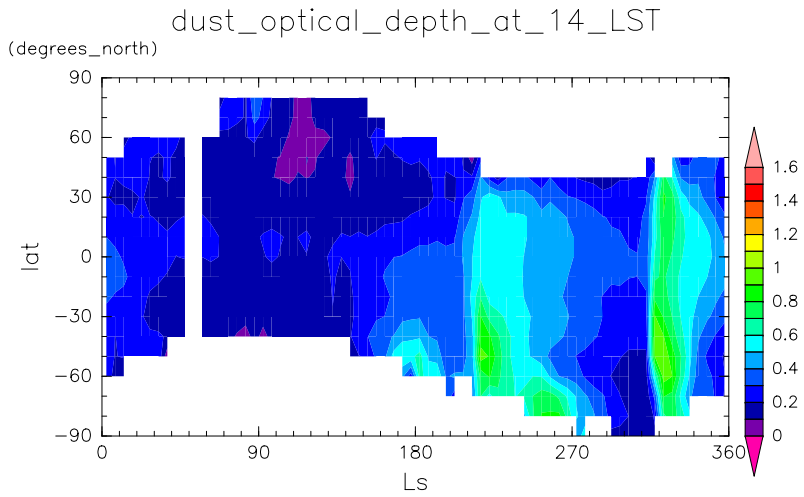

Figure 2: Double of dust optical depth observed by MGS-TES in MY26

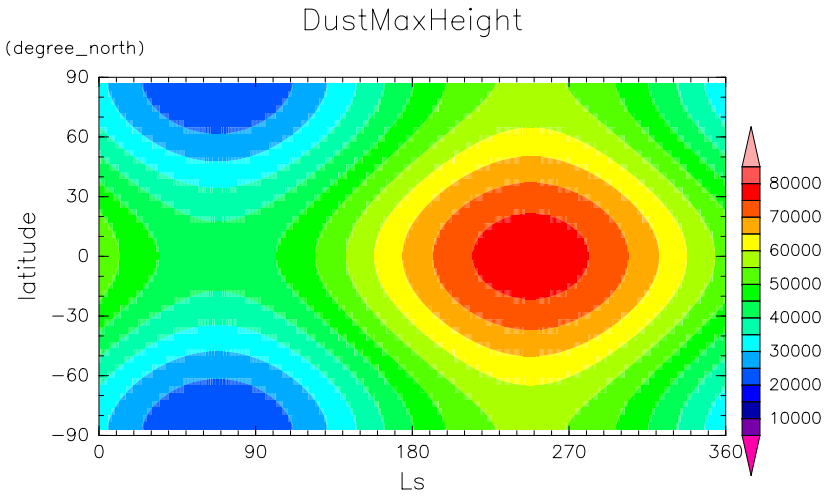

Figure 3: Daily mean maximum height of dust distribution prescribed in dcpam

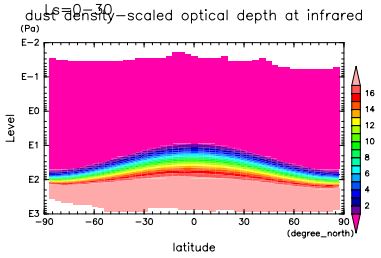

Figure 4: DustDensScledOptDep at 03 LST and Ls=0°-30° by dcpam

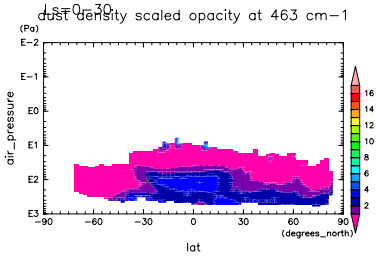

Figure 7: DustDensScledOptDep at 03 LST and Ls=0°-30° by MRO

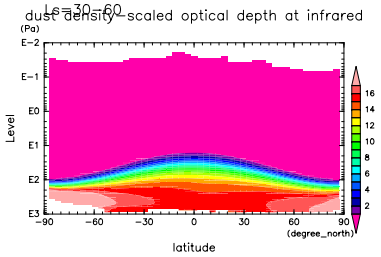

Figure 5: DustDensScledOptDep at 03 LST and Ls=30°-60° by dcpam

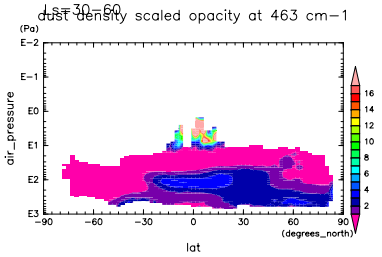

Figure 8: DustDensScledOptDep at 03 LST and Ls=30°-60° by MRO

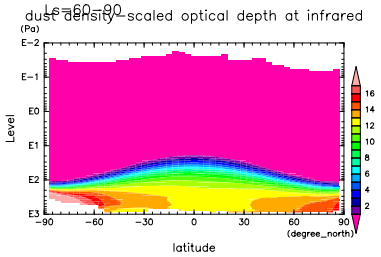

Figure 6: DustDensScledOptDep at 03 LST and Ls=60°-90° by dcpam

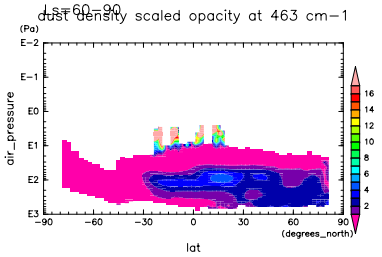

Figure 9: DustDensScledOptDep at 03 LST and Ls=60°-90° by MRO

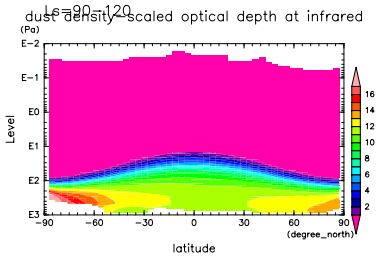

Figure 10: DustDensScledOptDep at 03 LST and Ls=90°-120° by dcpam

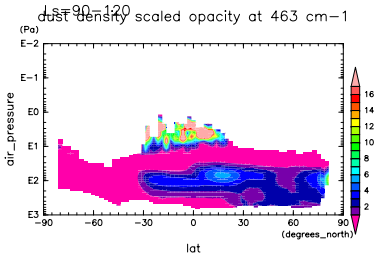

Figure 13: DustDensScledOptDep at 03 LST and Ls=90°-120° by MRO

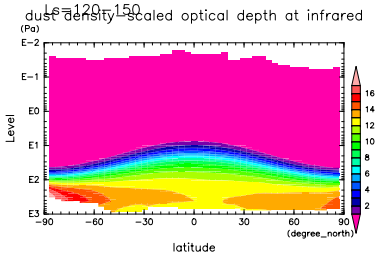

Figure 11: DustDensScledOptDep at 03 LST and Ls=120°-150° by dcpam

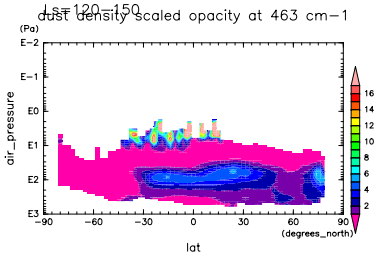

Figure 14: DustDensScledOptDep at 03 LST and Ls=120°-150° by MRO

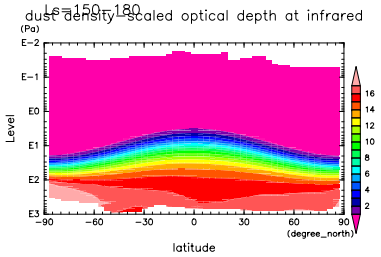

Figure 12: DustDensScledOptDep at 03 LST and Ls=150°-180° by dcpam

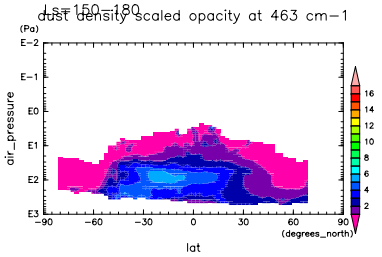

Figure 15: DustDensScledOptDep at 03 LST and Ls=150°-180° by MRO

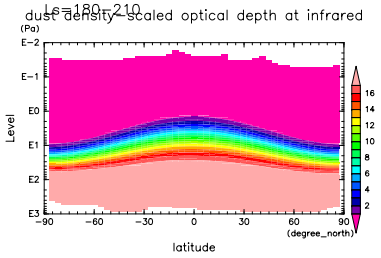

Figure 16: DustDensScledOptDep at 03 LST and Ls=180°-210° by dcpam

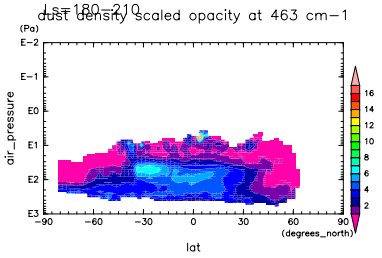

Figure 19: DustDensScledOptDep at 03 LST and Ls=180°-210° by MRO

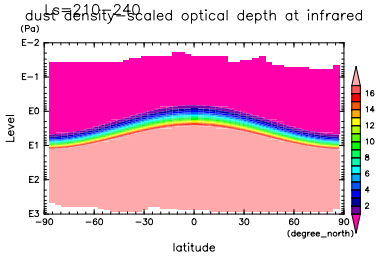

Figure 17: DustDensScledOptDep at 03 LST and Ls=210°-240° by dcpam

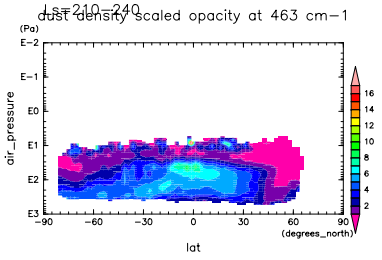

Figure 20: DustDensScledOptDep at 03 LST and Ls=210°-240° by MRO

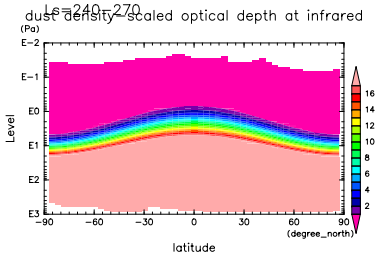

Figure 18: DustDensScledOptDep at 03 LST and Ls=240°-270° by dcpam

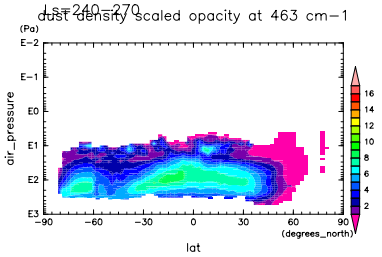

Figure 21: DustDensScledOptDep at 03 LST and Ls=240°-270° by MRO

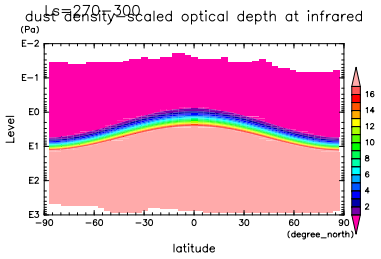

Figure 22: DustDensScledOptDep at 03 LST and Ls=270°-300° by dcpam

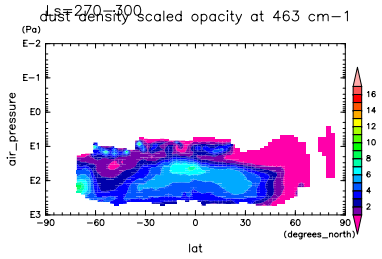

Figure 25: DustDensScledOptDep at 03 LST and Ls=270°-300° by MRO

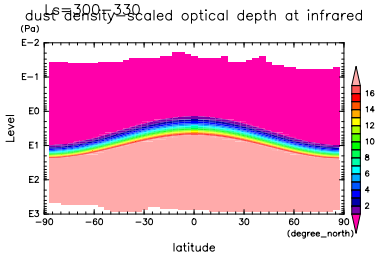

Figure 23: DustDensScledOptDep at 03 LST and Ls=300°-330° by dcpam

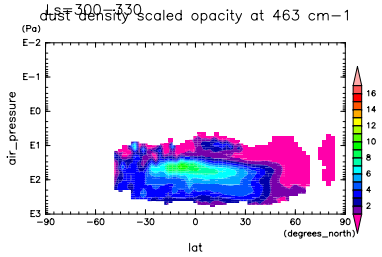

Figure 26: DustDensScledOptDep at 03 LST and Ls=300°-330° by MRO

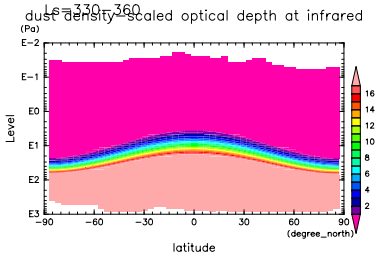

Figure 24: DustDensScledOptDep at 03 LST and Ls=330°-360° by dcpam

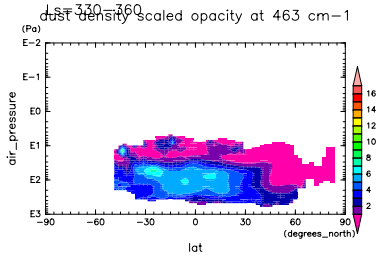

Figure 27: DustDensScledOptDep at 03 LST and Ls=330°-360° by MRO

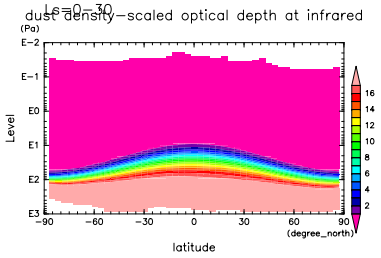

Figure 28: DustDensScledOptDep at 15 LST and Ls=0°-30° by dcpam

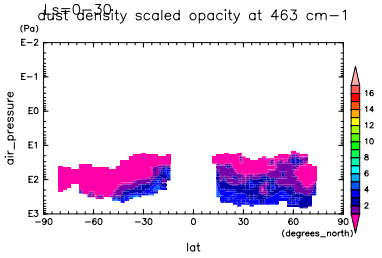

Figure 31: DustDensScledOptDep at 15 LST and Ls=0°-30° by MRO

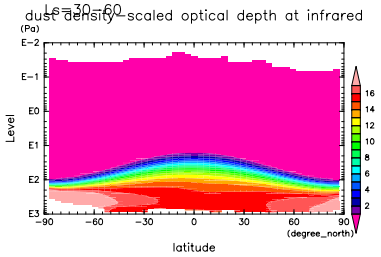

Figure 29: DustDensScledOptDep at 15 LST and Ls=30°-60° by dcpam

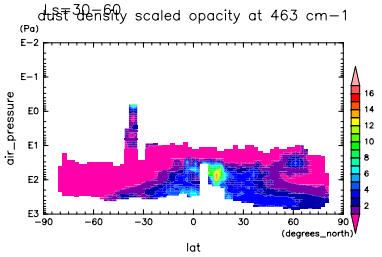

Figure 32: DustDensScledOptDep at 15 LST and Ls=30°-60° by MRO

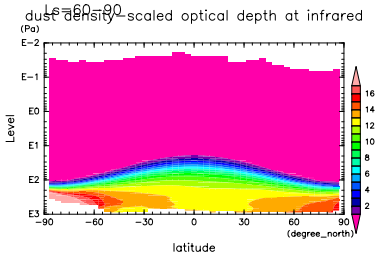

Figure 30: DustDensScledOptDep at 15 LST and Ls=60°-90° by dcpam

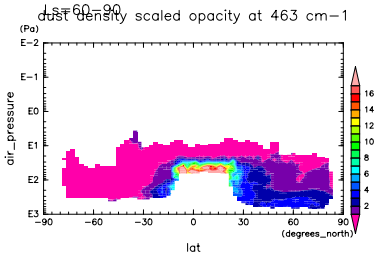

Figure 33: DustDensScledOptDep at 15 LST and Ls=60°-90° by MRO

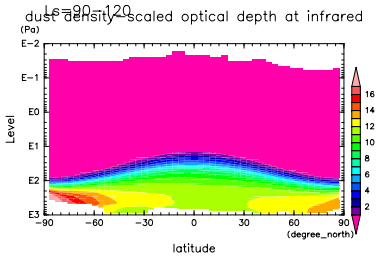

Figure 34: DustDensScledOptDep at 15 LST and Ls=90°-120° by dcpam

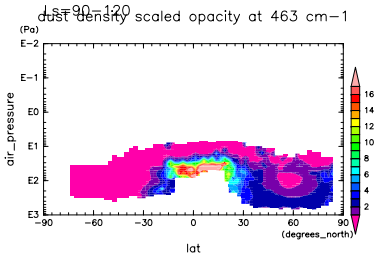

Figure 37: DustDensScledOptDep at 15 LST and Ls=90°-120° by MRO

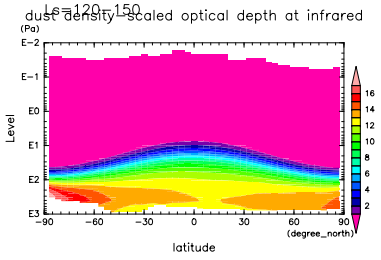

Figure 35: DustDensScledOptDep at 15 LST and Ls=120°-150° by dcpam

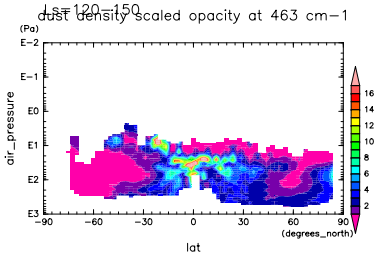

Figure 38: DustDensScledOptDep at 15 LST and Ls=120°-150° by MRO

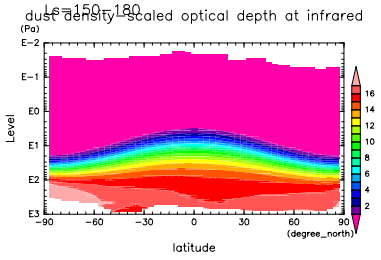

Figure 36: DustDensScledOptDep at 15 LST and Ls=150°-180° by dcpam

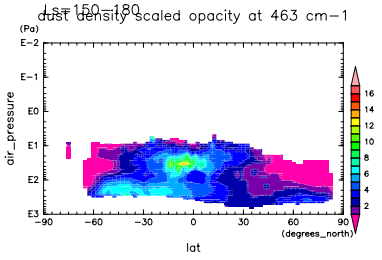

Figure 39: DustDensScledOptDep at 15 LST and Ls=150°-180° by MRO

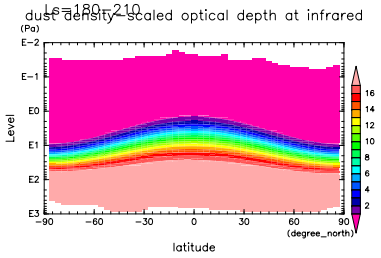

Figure 40: DustDensScledOptDep at 15 LST and Ls=180°-210° by dcpam

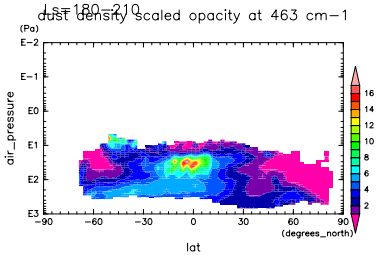

Figure 43: DustDensScledOptDep at 15 LST and Ls=180°-210° by MRO

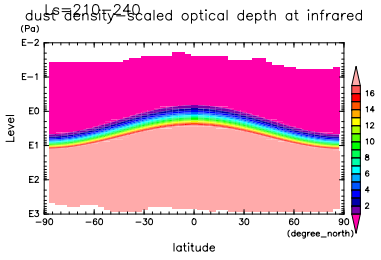

Figure 41: DustDensScledOptDep at 15 LST and Ls=210°-240° by dcpam

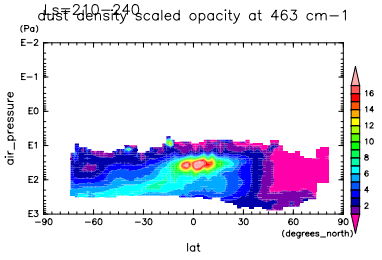

Figure 44: DustDensScledOptDep at 15 LST and Ls=210°-240° by MRO

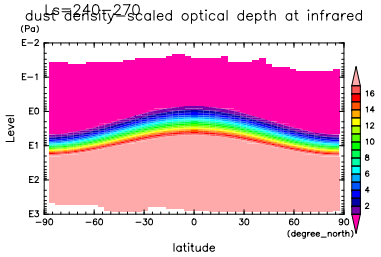

Figure 42: DustDensScledOptDep at 15 LST and Ls=240°-270° by dcpam

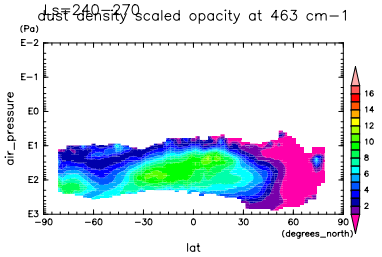

Figure 45: DustDensScledOptDep at 15 LST and Ls=240°-270° by MRO

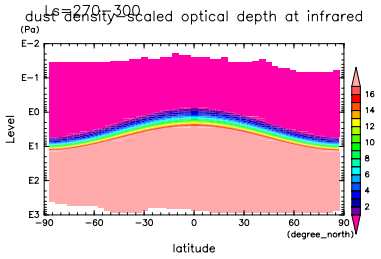

Figure 46: DustDensScledOptDep at 15 LST and Ls=270°-300° by dcpam

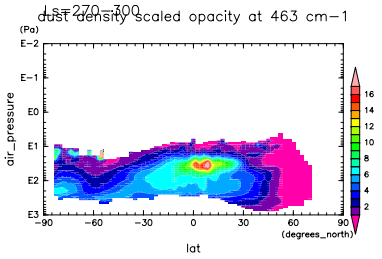

Figure 49: DustDensScledOptDep at 15 LST and Ls=270°-300° by MRO

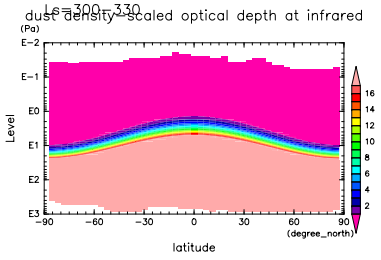

Figure 47: DustDensScledOptDep at 15 LST and Ls=300°-330° by dcpam

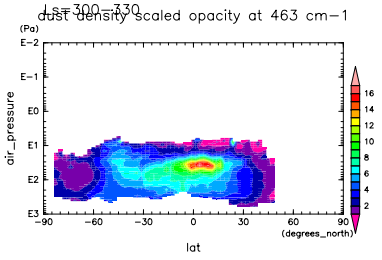

Figure 50: DustDensScledOptDep at 15 LST and Ls=300°-330° by MRO

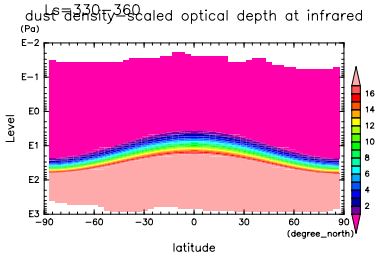

Figure 48: DustDensScledOptDep at 15 LST and Ls=330°-360° by dcpam

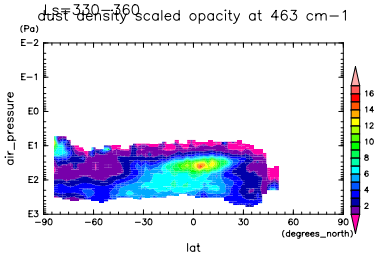

Figure 51: DustDensScledOptDep at 15 LST and Ls=330°-360° by MRO

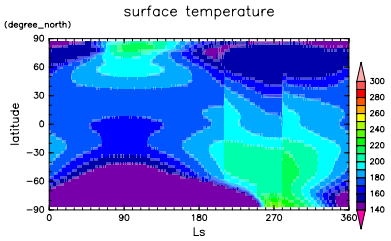

Figure 52: T_s at 02 LST by dcpam

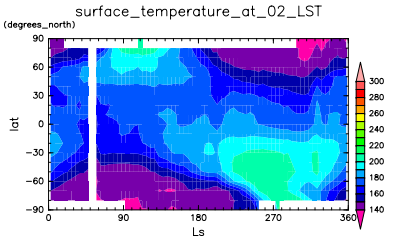

Figure 54: T_s at 02 LST by MGS

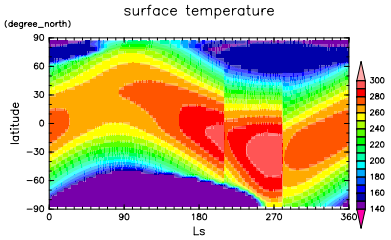

Figure 53: T_s at 14 LST by dcpam

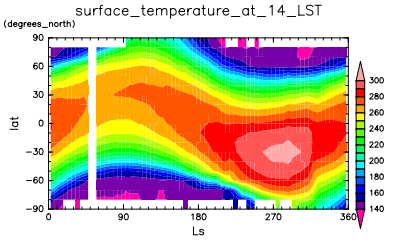

Figure 55: T_s at 14 LST by MGS

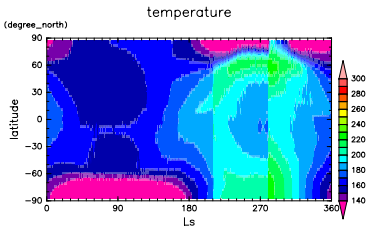

Figure 56: T at 18 Pa and at 02 LST by dcpam

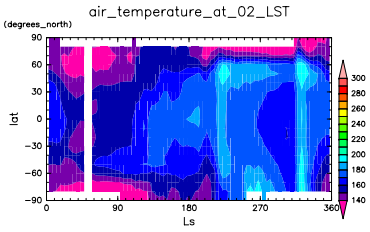

Figure 60: T at 18 Pa and at 02 LST by MGS

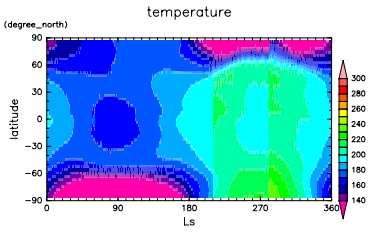

Figure 57: T at 50 Pa and at 02 LST by dcpam

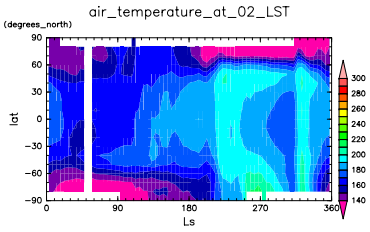

Figure 61: T at 50 Pa and at 02 LST by MGS

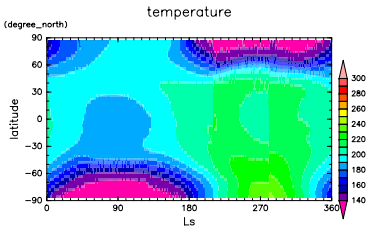

Figure 58: T at 136 Pa and at 02 LST by dcpam

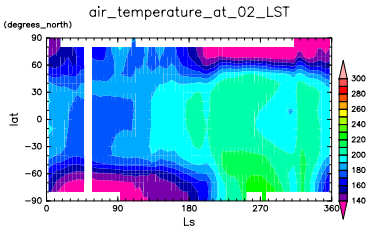

Figure 62: T at 136 Pa and at 02 LST by MGS

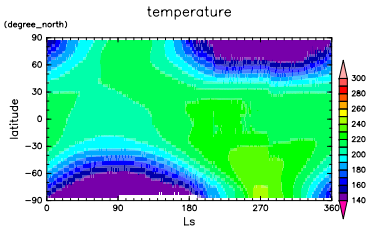

Figure 59: T at 370 Pa and at 02 LST by dcpam

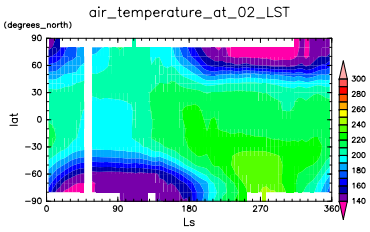

Figure 63: T at 370 Pa and at 02 LST by MGS

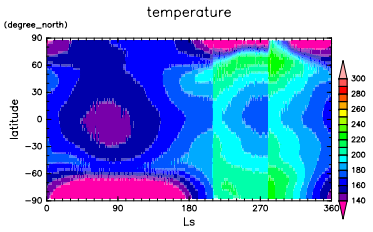

Figure 64: T at 18 Pa and at 14 LST by dcpam

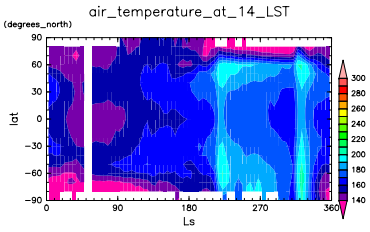

Figure 68: T at 18 Pa and at 14 LST by MGS

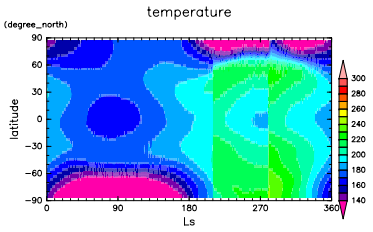

Figure 65: T at 50 Pa and at 14 LST by dcpam

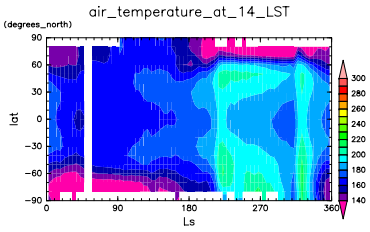

Figure 69: T at 50 Pa and at 14 LST by MGS

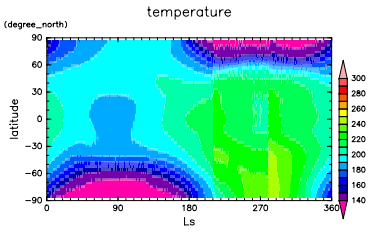

Figure 66: T at 136 Pa and at 14 LST by dcpam

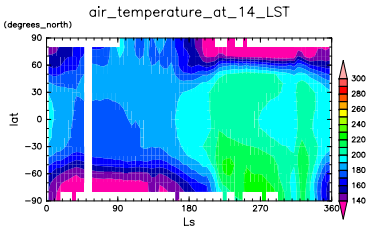

Figure 70: T at 136 Pa and at 14 LST by MGS

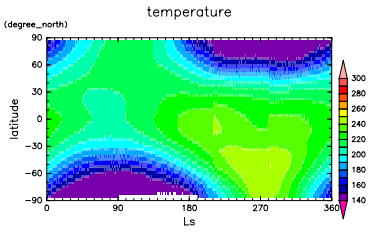

Figure 67: T at 370 Pa and at 14 LST by dcpam

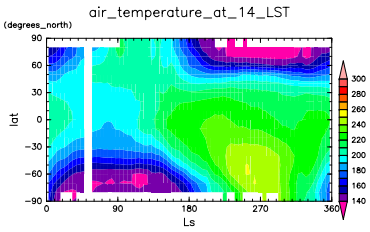

Figure 71: T at 370 Pa and at 14 LST by MGS

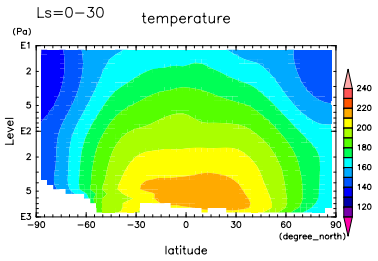

Figure 72: Temp at 02 LST and Ls=0°-30° by dcpam

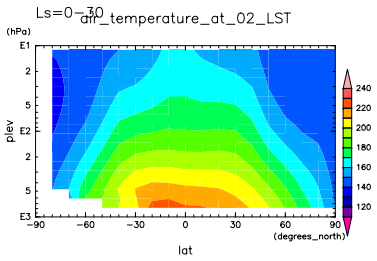

Figure 75: Temp at 02 LST and Ls=0°-30° by MGS

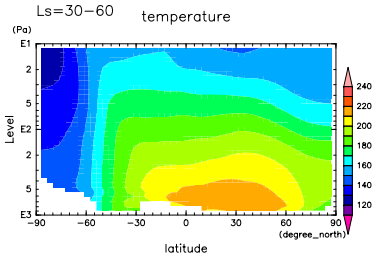

Figure 73: Temp at 02 LST and Ls=30°-60° by dcpam

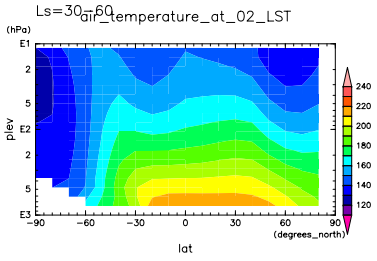

Figure 76: Temp at 02 LST and Ls=30°-60° by MGS

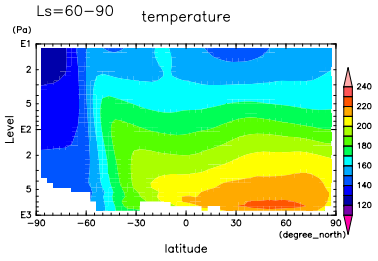

Figure 74: Temp at 02 LST and Ls=60°-90° by dcpam

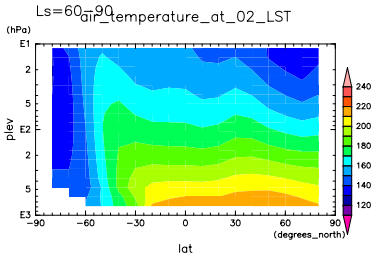

Figure 77: Temp at 02 LST and Ls=60°-90° by MGS

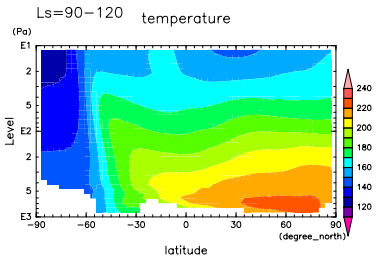

Figure 78: Temp at 02 LST and Ls=90°-120° by dcpam

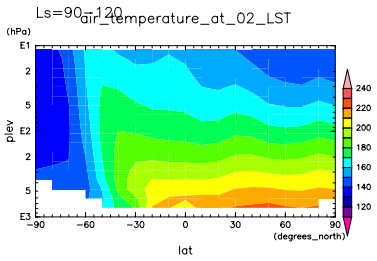

Figure 81: Temp at 02 LST and Ls=90°-120° by MGS

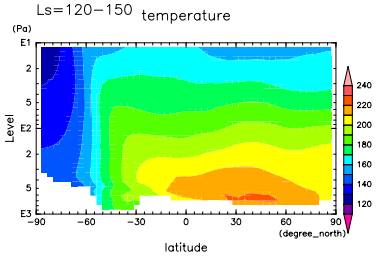

Figure 79: Temp at 02 LST and Ls=120°-150° by dcpam

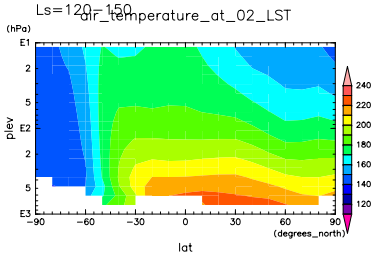

Figure 82: Temp at 02 LST and Ls=120°-150° by MGS

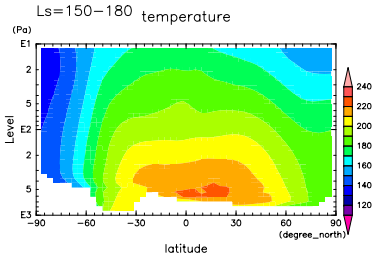

Figure 80: Temp at 02 LST and Ls=150°-180° by dcpam

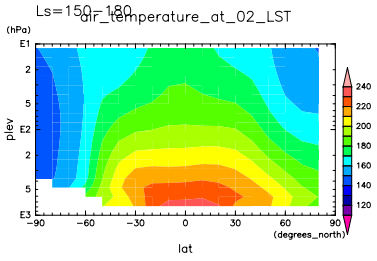

Figure 83: Temp at 02 LST and Ls=150°-180° by MGS

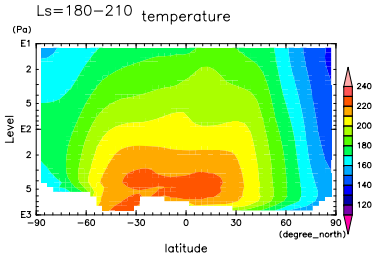

Figure 84: Temp at 02 LST and Ls=180°-210° by dcpam

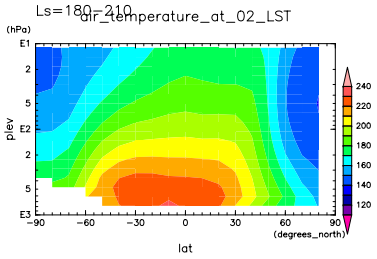

Figure 87: Temp at 02 LST and Ls=180°-210° by MGS

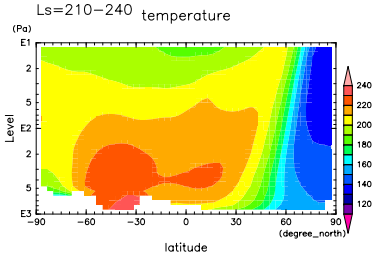

Figure 85: Temp at 02 LST and Ls=210°-240° by dcpam

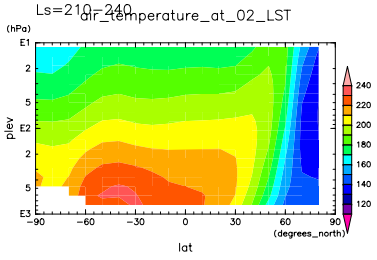

Figure 88: Temp at 02 LST and Ls=210°-240° by MGS

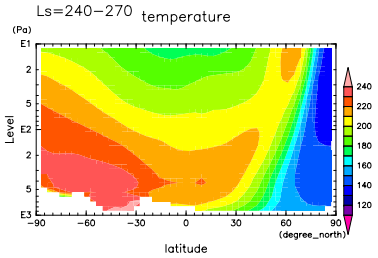

Figure 86: Temp at 02 LST and Ls=240°-270° by dcpam

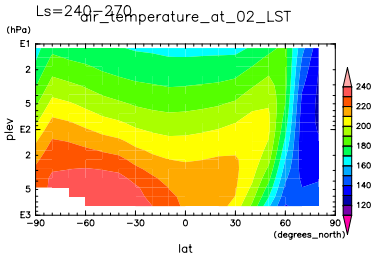

Figure 89: Temp at 02 LST and Ls=240°-270° by MGS

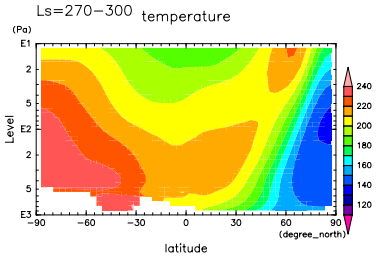

Figure 90: Temp at 02 LST and Ls=270°-300° by dcpam

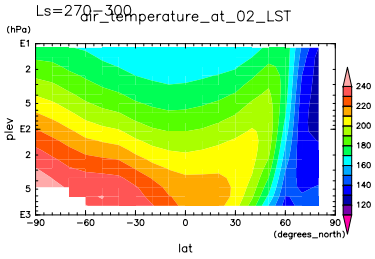

Figure 93: Temp at 02 LST and Ls=270°-300° by MGS

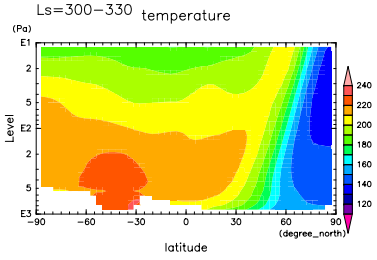

Figure 91: Temp at 02 LST and Ls=300°-330° by dcpam

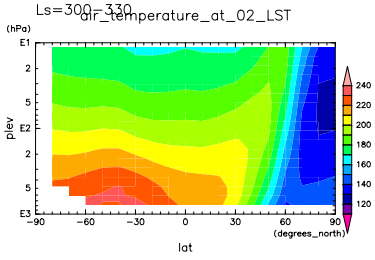

Figure 94: Temp at 02 LST and Ls=300°-330° by MGS

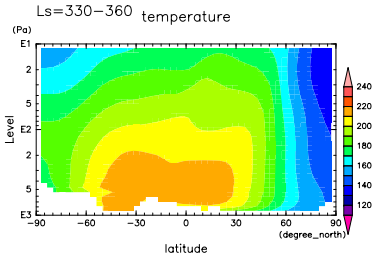

Figure 92: Temp at 02 LST and Ls=330°-360° by dcpam

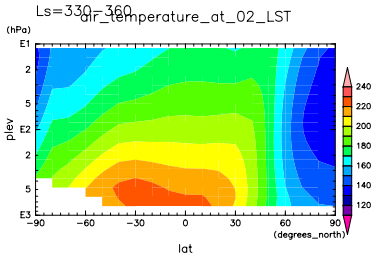

Figure 95: Temp at 02 LST and Ls=330°-360° by MGS

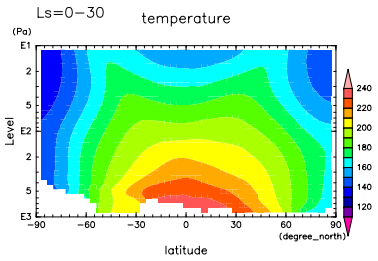

Figure 96: Temp at 14 LST and Ls=0°-30° by dcpam

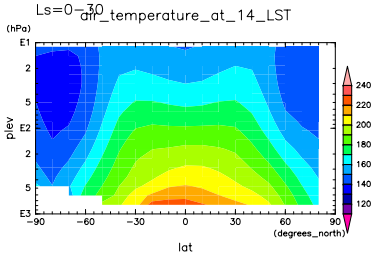

Figure 99: Temp at 14 LST and Ls=0°-30° by MGS

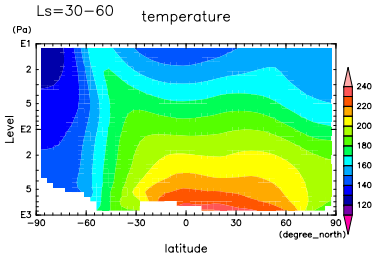

Figure 97: Temp at 14 LST and Ls=30°-60° by dcpam

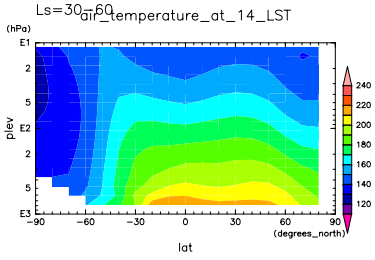

Figure 100: Temp at 14 LST and Ls=30°-60° by MGS

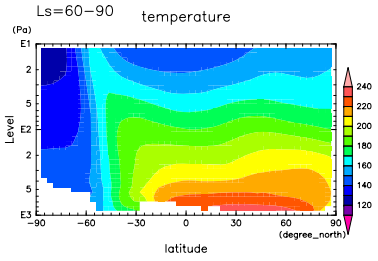

Figure 98: Temp at 14 LST and Ls=60°-90° by dcpam

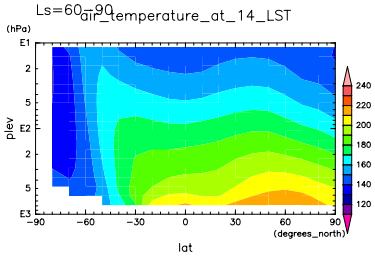

Figure 101: Temp at 14 LST and Ls=60°-90° by MGS

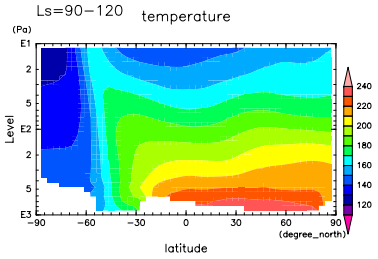

Figure 102: Temp at 14 LST and Ls=90°-120° by dcpam

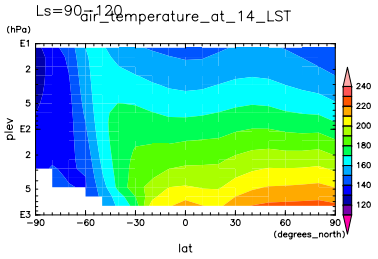

Figure 105: Temp at 14 LST and Ls=90°-120° by MGS

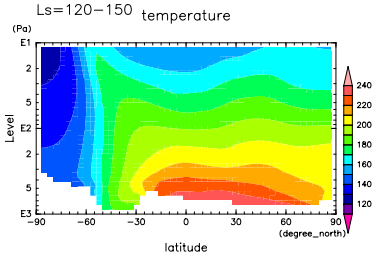

Figure 103: Temp at 14 LST and Ls=120°-150° by dcpam

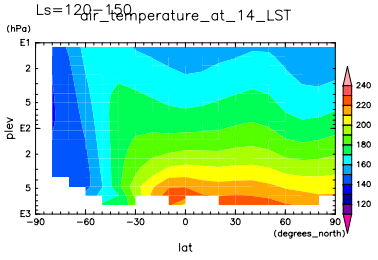

Figure 106: Temp at 14 LST and Ls=120°-150° by MGS

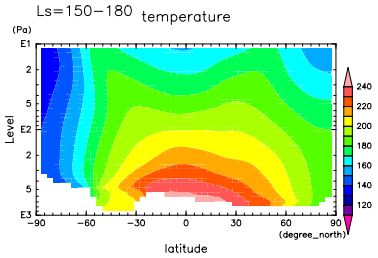

Figure 104: Temp at 14 LST and Ls=150°-180° by dcpam

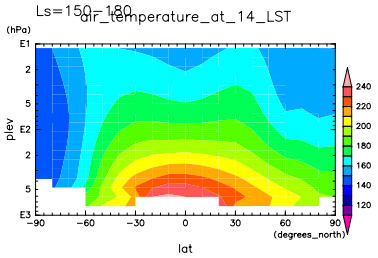

Figure 107: Temp at 14 LST and Ls=150°-180° by MGS

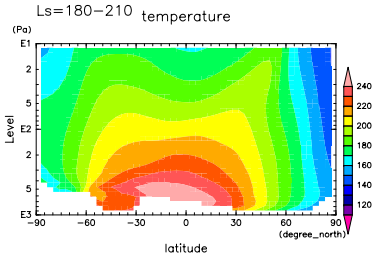

Figure 108: Temp at 14 LST and Ls=180°-210° by dcpam

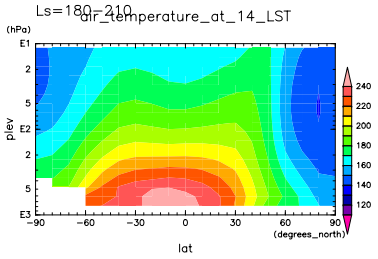

Figure 111: Temp at 14 LST and Ls=180°-210° by MGS

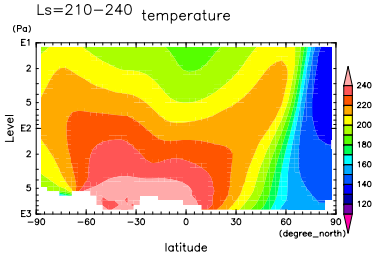

Figure 109: Temp at 14 LST and Ls=210°-240° by dcpam

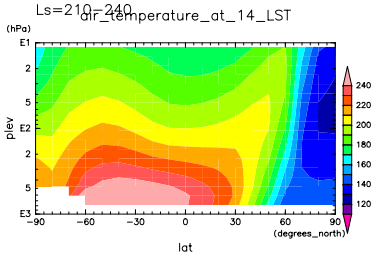

Figure 112: Temp at 14 LST and Ls=210°-240° by MGS

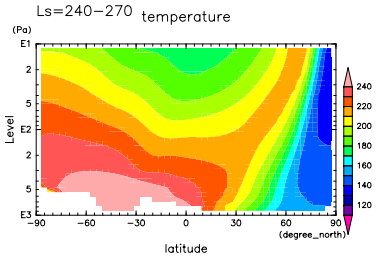

Figure 110: Temp at 14 LST and Ls=240°-270° by dcpam

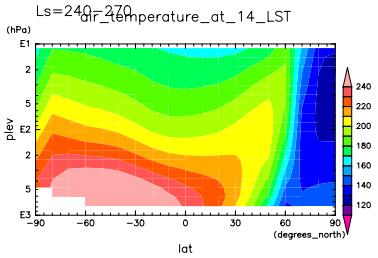

Figure 113: Temp at 14 LST and Ls=240°-270° by MGS

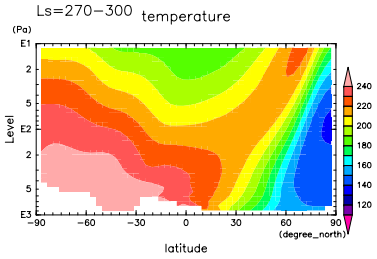

Figure 114: Temp at 14 LST and Ls=270°-300° by dcpam

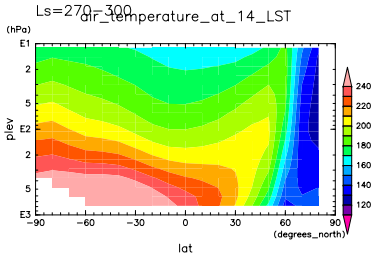

Figure 117: Temp at 14 LST and Ls=270°-300° by MGS

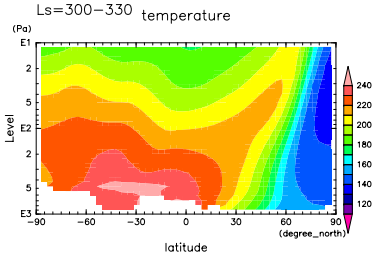

Figure 115: Temp at 14 LST and Ls=300°-330° by dcpam

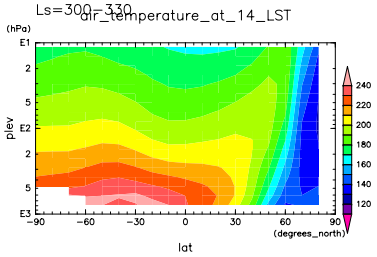

Figure 118: Temp at 14 LST and Ls=300°-330° by MGS

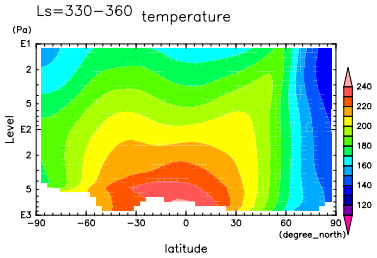

Figure 116: Temp at 14 LST and Ls=330°-360° by dcpam

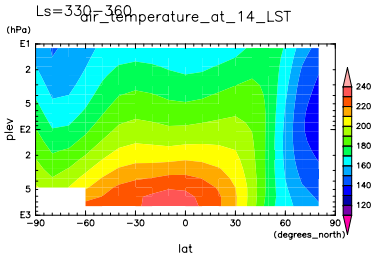

Figure 119: Temp at 14 LST and Ls=330°-360° by MGS

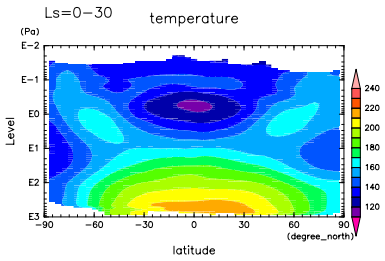

Figure 120: Temp at 03 LST and Ls=0°-30° by dcpam

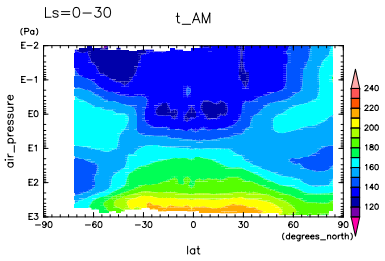

Figure 123: Temp at 03 LST and Ls=0°-30° by MRO

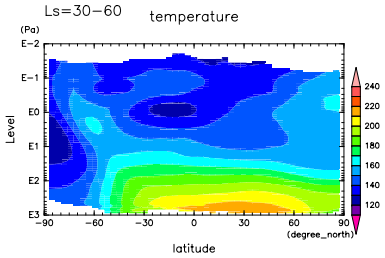

Figure 121: Temp at 03 LST and Ls=30°-60° by dcpam

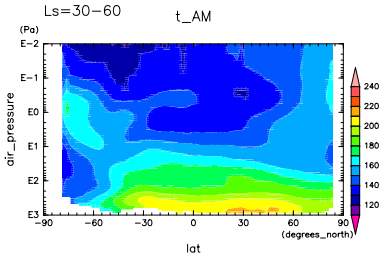

Figure 124: Temp at 03 LST and Ls=30°-60° by MRO

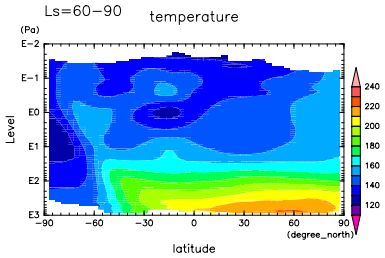

Figure 122: Temp at 03 LST and Ls=60°-90° by dcpam

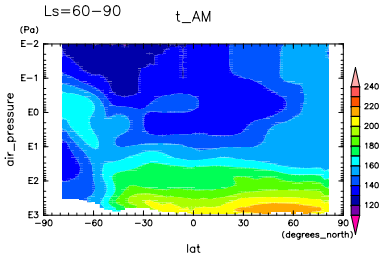

Figure 125: Temp at 03 LST and Ls=60°-90° by MRO

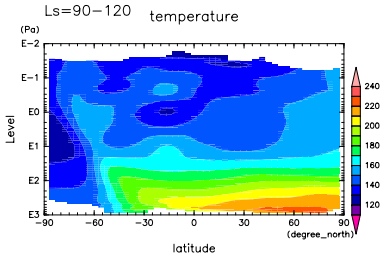

Figure 126: Temp at 03 LST and Ls=90°-120° by dcpam

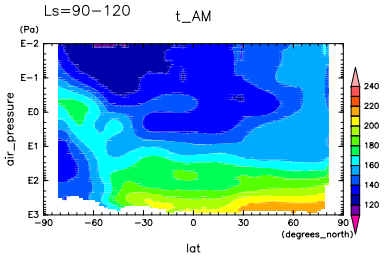

Figure 129: Temp at 03 LST and Ls=90°-120° by MRO

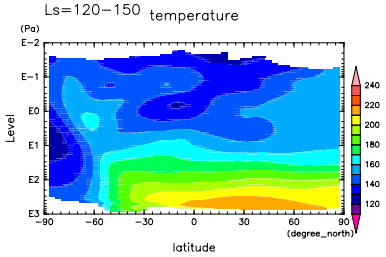

Figure 127: Temp at 03 LST and Ls=120°-150° by dcpam

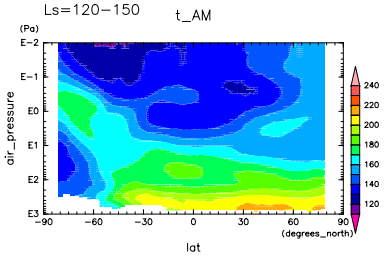

Figure 130: Temp at 03 LST and Ls=120°-150° by MRO

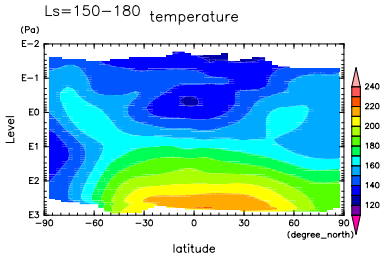

Figure 128: Temp at 03 LST and Ls=150°-180° by dcpam

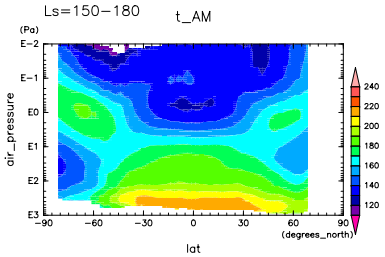

Figure 131: Temp at 03 LST and Ls=150°-180° by MRO

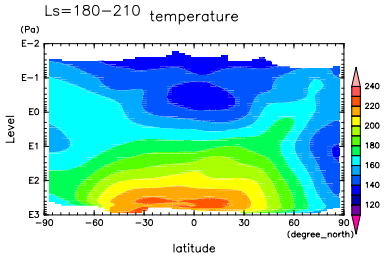

Figure 132: Temp at 03 LST and Ls=180°-210° by dcpam

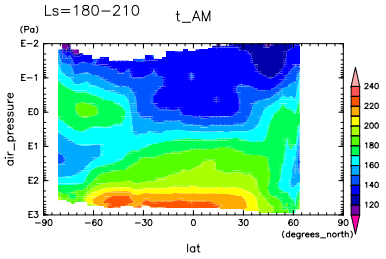

Figure 135: Temp at 03 LST and Ls=180°-210° by MRO

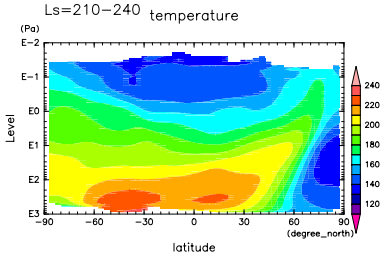

Figure 133: Temp at 03 LST and Ls=210°-240° by dcpam

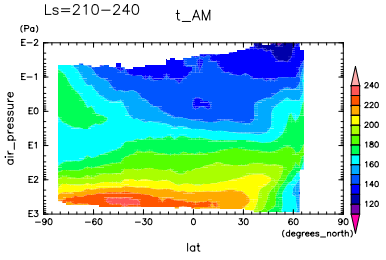

Figure 136: Temp at 03 LST and Ls=210°-240° by MRO

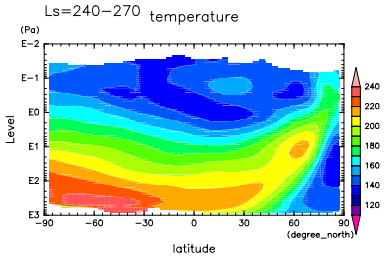

Figure 134: Temp at 03 LST and Ls=240°-270° by dcpam

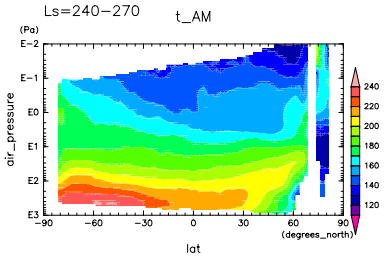

Figure 137: Temp at 03 LST and Ls=240°-270° by MRO

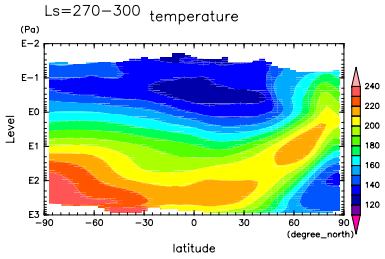

Figure 138: Temp at 03 LST and Ls=270°-300° by dcpam

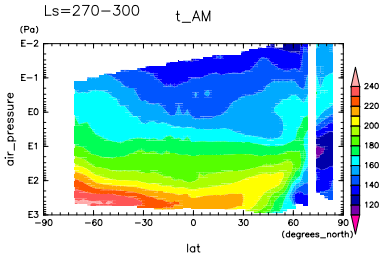

Figure 141: Temp at 03 LST and Ls=270°-300° by MRO

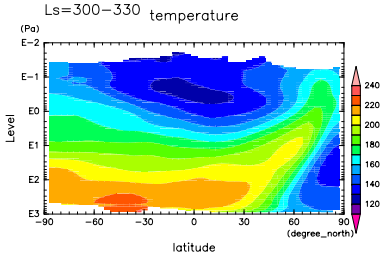

Figure 139: Temp at 03 LST and Ls=300°-330° by dcpam

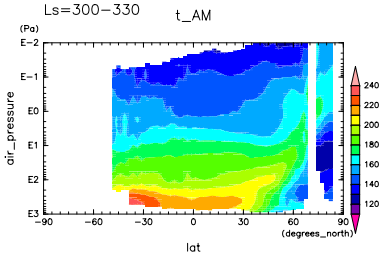

Figure 142: Temp at 03 LST and Ls=300°-330° by MRO

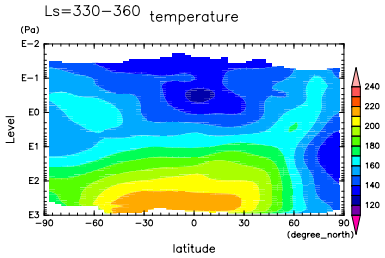

Figure 140: Temp at 03 LST and Ls=330°-360° by dcpam

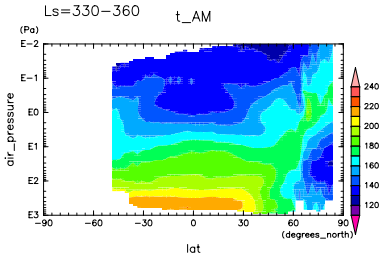

Figure 143: Temp at 03 LST and Ls=330°-360° by MRO

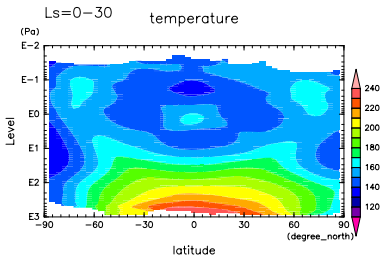

Figure 144: Temp at 15 LST and Ls=0°-30° by dcpam

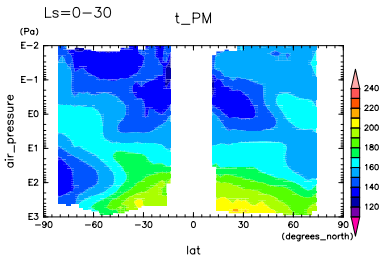

Figure 147: Temp at 15 LST and Ls=0°-30° by MRO

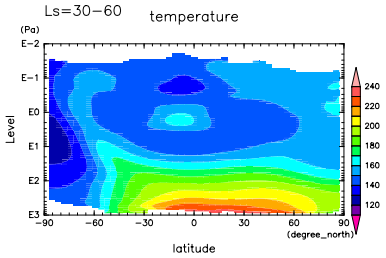

Figure 145: Temp at 15 LST and Ls=30°-60° by dcpam

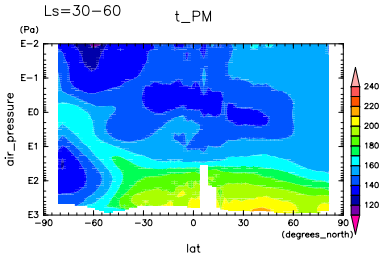

Figure 148: Temp at 15 LST and Ls=30°-60° by MRO

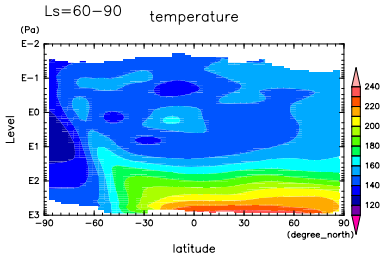

Figure 146: Temp at 15 LST and Ls=60°-90° by dcpam

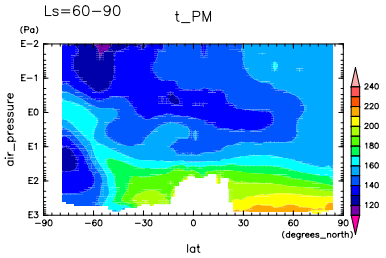

Figure 149: Temp at 15 LST and Ls=60°-90° by MRO

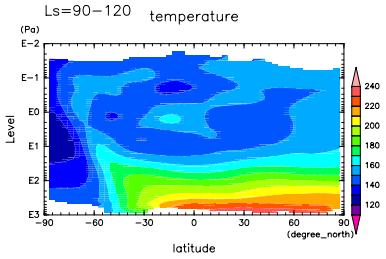

Figure 150: Temp at 15 LST and Ls=90°-120° by dcpam

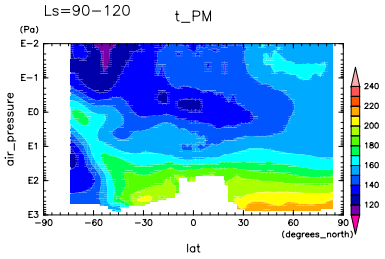

Figure 153: Temp at 15 LST and Ls=90°-120° by MRO

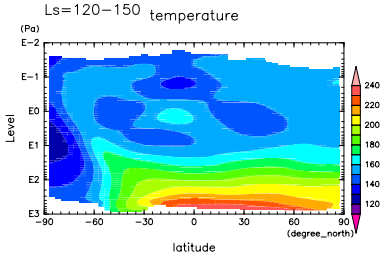

Figure 151: Temp at 15 LST and Ls=120°-150° by dcpam

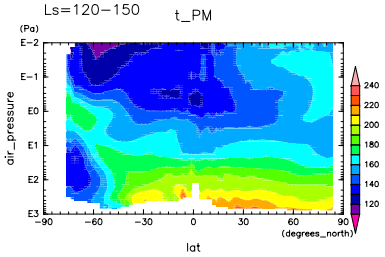

Figure 154: Temp at 15 LST and Ls=120°-150° by MRO

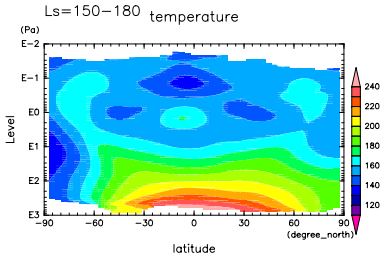

Figure 152: Temp at 15 LST and Ls=150°-180° by dcpam

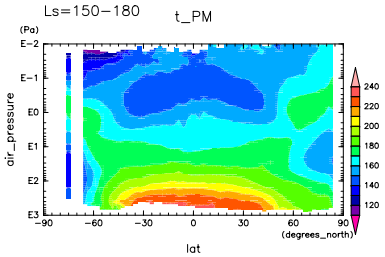

Figure 155: Temp at 15 LST and Ls=150°-180° by MRO

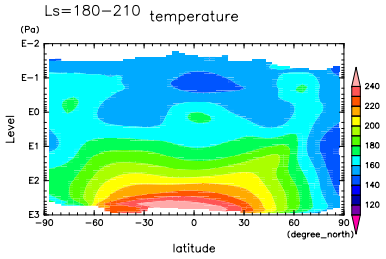

Figure 156: Temp at 15 LST and Ls=180°-210° by dcpam

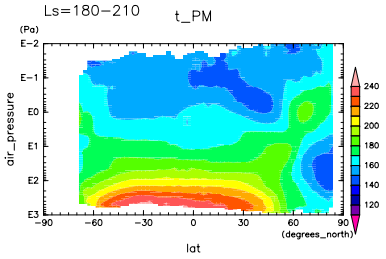

Figure 159: Temp at 15 LST and Ls=180°-210° by MRO

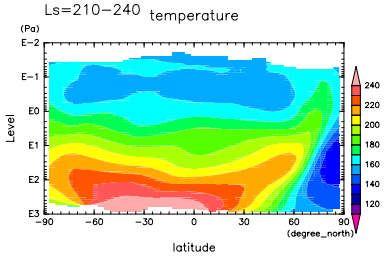

Figure 157: Temp at 15 LST and Ls=210°-240° by dcpam

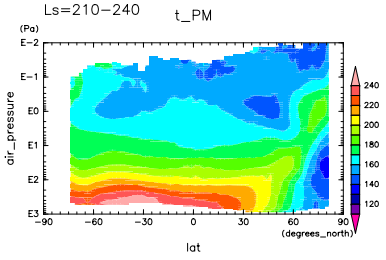

Figure 160: Temp at 15 LST and Ls=210°-240° by MRO

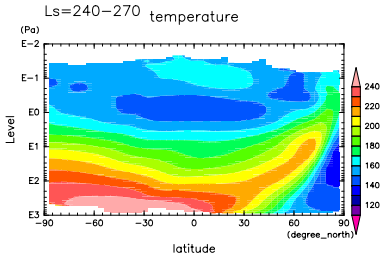

Figure 158: Temp at 15 LST and Ls=240°-270° by dcpam

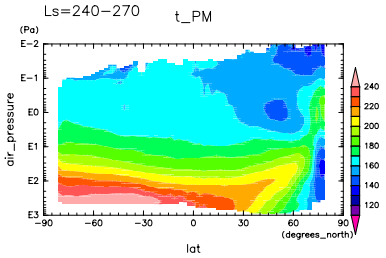

Figure 161: Temp at 15 LST and Ls=240°-270° by MRO

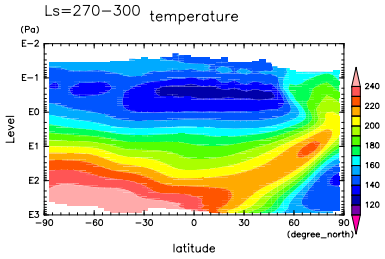

Figure 162: Temp at 15 LST and Ls=270°-300° by dcpam

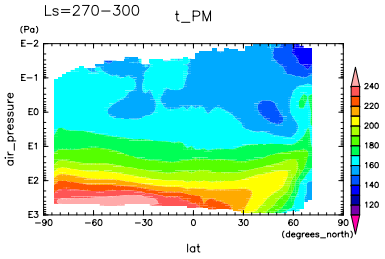

Figure 165: Temp at 15 LST and Ls=270°-300° by MRO

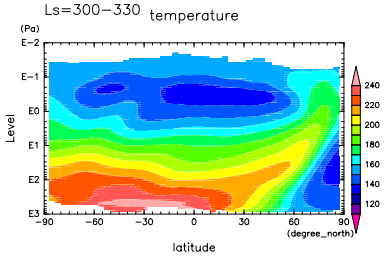

Figure 163: Temp at 15 LST and Ls=300°-330° by dcpam

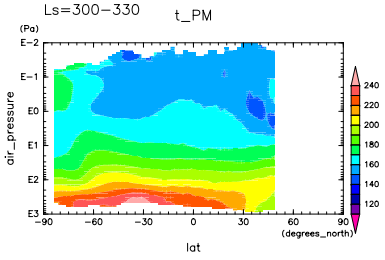

Figure 166: Temp at 15 LST and Ls=300°-330° by MRO

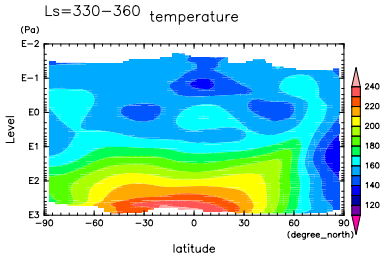

Figure 164: Temp at 15 LST and Ls=330°-360° by dcpam

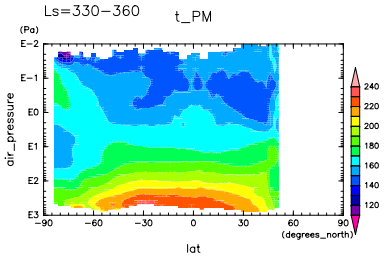

Figure 167: Temp at 15 LST and Ls=330°-360° by MRO