Figures

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

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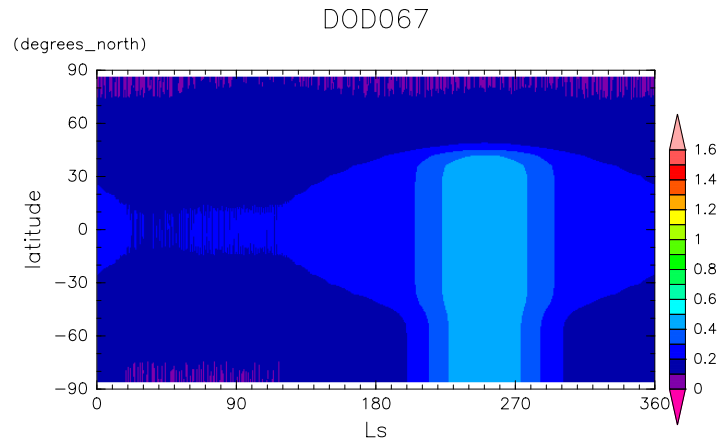[4]Mars Climate Sounder

Figure 1: Daily mean dust optical depth prescribed in DCPAM
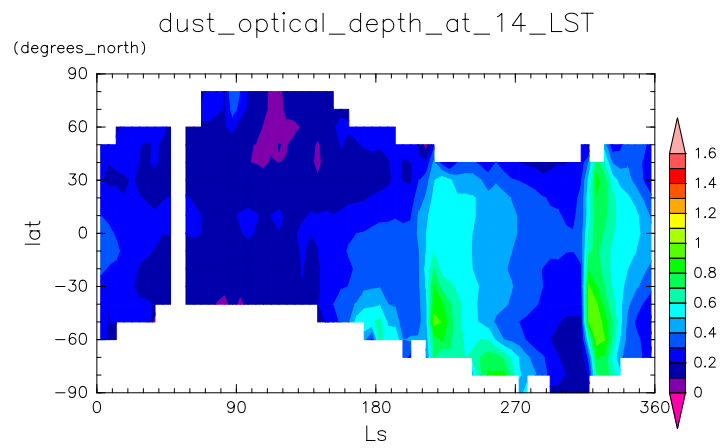

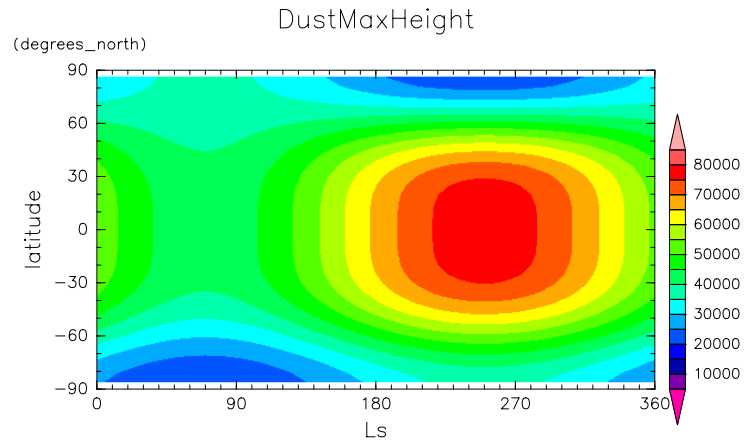Figure 2: Double of dust optical depth observed by MGS-TES in MY26

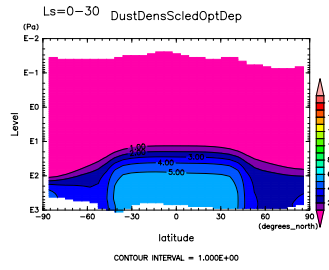Figure 3: Daily mean maximum height of dust distribution prescribed in DC-PAM

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

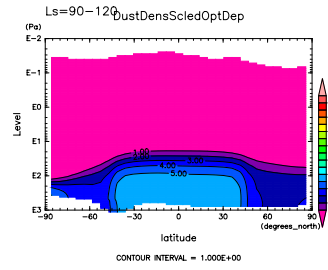Figure 7: DustDensScledOptDep at L_s=90°–120° by DCPAM
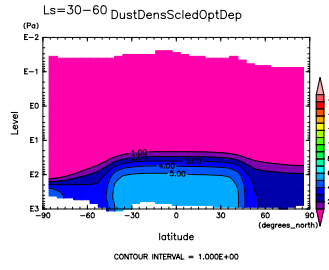

Figure 5: DustDensScledOptDep at L_s=30°–60° by DCPAM
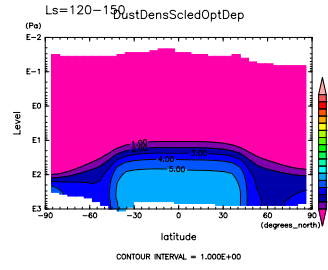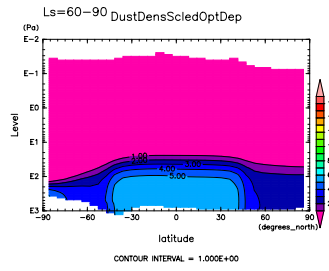

Figure 8: DustDensScledOptDep at L_s=120°–150° by DCPAM

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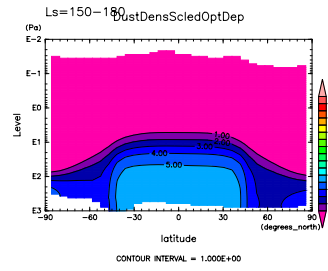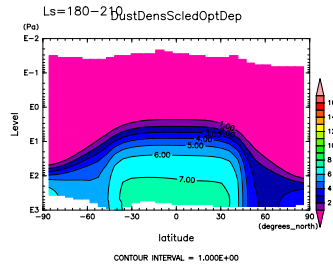

Figure 9: DustDensScledOptDep at L_s=150°–180° by DCPAM
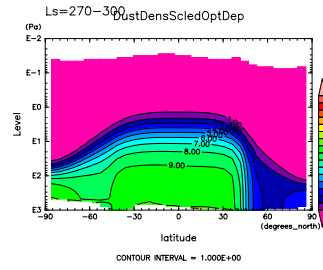
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Figure 10: DustDensScledOptDep at L_s=180°–210° by DCPAM
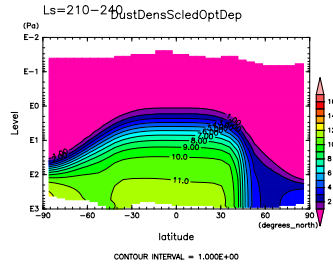

Figure 13: DustDensScledOptDep at L_s=270°–300° by DCPAM
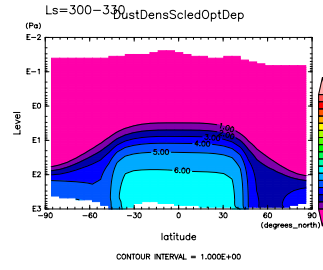

Figure 11: DustDensScledOptDep at L_s=210°–240° by DCPAM
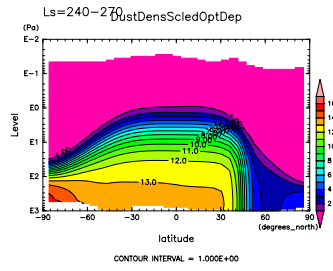

Figure 14: DustDensScledOptDep at L_s=300°–330° by DCPAM
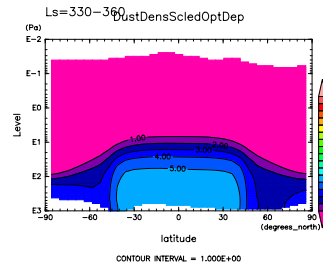

Figure 12: DustDensScledOptDep at L_s=240°–270° by DCPAM
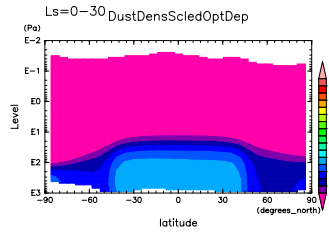

Figure 15: DustDensScledOptDep at L_s=330°–360° by DCPAM

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

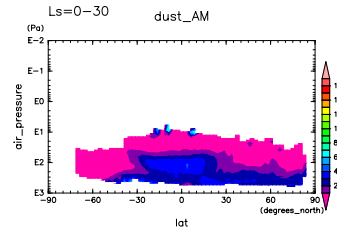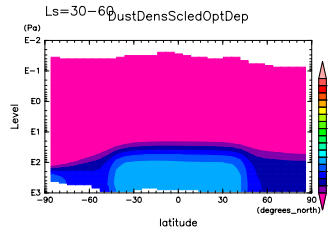Figure 19: DustDensScledOptDep at 03 LST and Ls=0°-30° by MRO

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

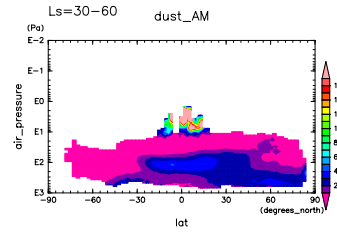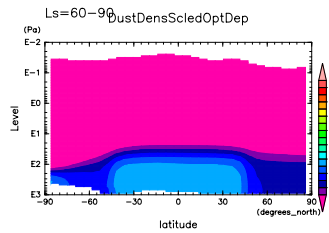Figure 20: DustDensScledOptDep at 03 LST and Ls=30°-60° by MRO

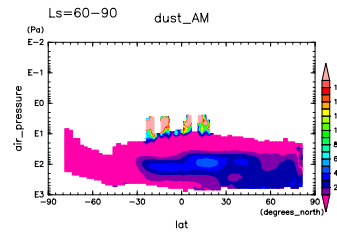Figure 18: DustDensScledOptDep at 03 LST and Ls=60°-90° by DCPAM

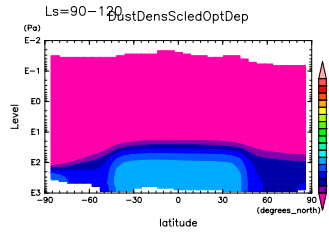Figure 21: DustDensScledOptDep at 03 LST and Ls=60°-90° by MRO

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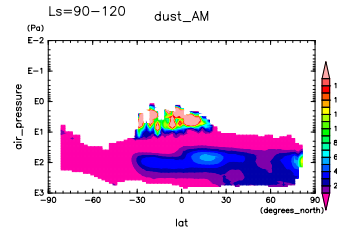

Figure 25: DustDensScledOptDep at 03 LST and Ls=90°-120° by MRO
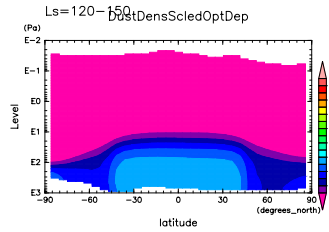

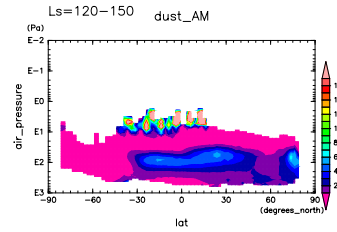Figure 23: DustDensScledOptDep at 03 LST and Ls=120°-150° by DCPAM

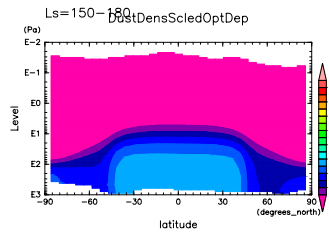Figure 26: DustDensScledOptDep at 03 LST and Ls=120°-150° by MRO

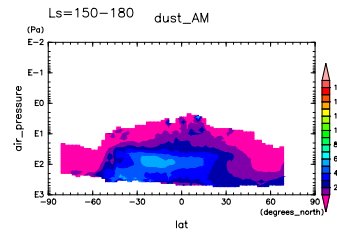Figure 24: DustDensScledOptDep at 03 LST and Ls=150°-180° by DCPAM

Figure 27: DustDensScledOptDep at 03 LST and Ls=150°-180° by MRO
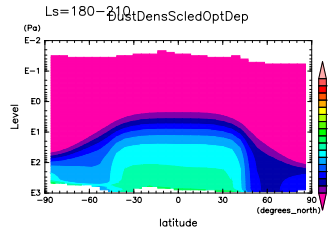
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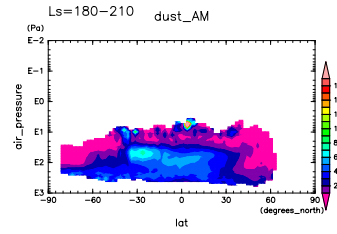Figure 28: DustDensScledOptDep at 03 LST and Ls=180°-210° by DCPAM

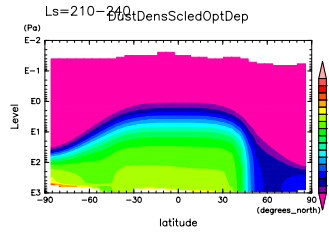Figure 31: DustDensScledOptDep at 03 LST and Ls=180°-210° by MRO

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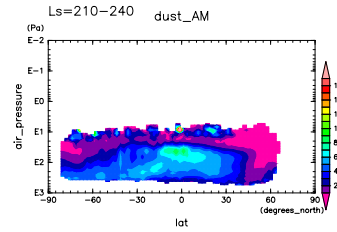

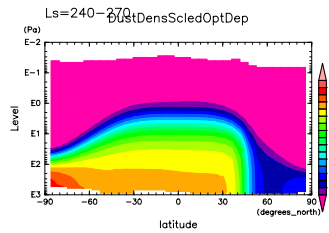Figure 32: DustDensScledOptDep at 03 LST and Ls=210°-240° by MRO

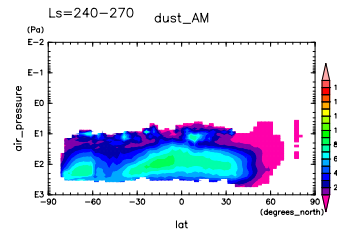Figure 30: DustDensScledOptDep at 03 LST and Ls=240°-270° by DCPAM

Figure 33: DustDensScledOptDep at 03 LST and Ls=240°-270° by MRO
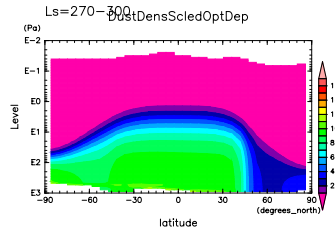
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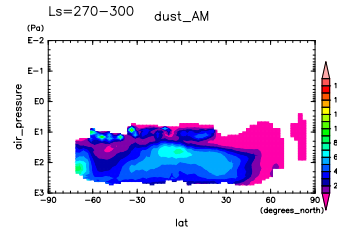Figure 34: DustDensScledOptDep at 03 LST and Ls=270°-300° by DCPAM

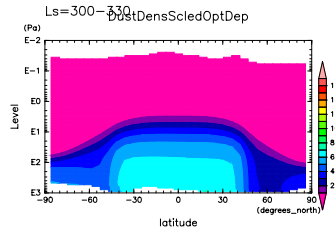Figure 37: DustDensScledOptDep at 03 LST and Ls=270°-300° by MRO

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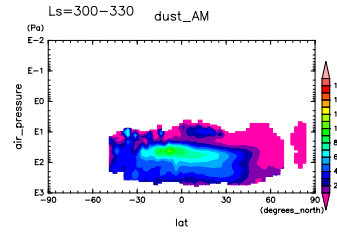

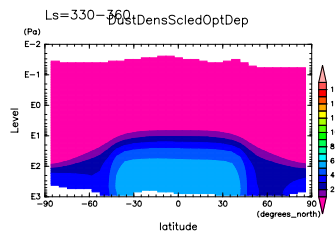Figure 38: DustDensScledOptDep at 03 LST and Ls=300°-330° by MRO

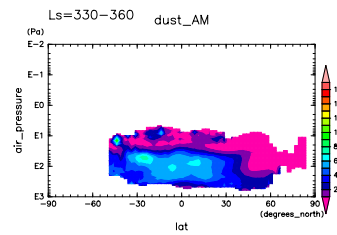Figure 36: DustDensScledOptDep at 03 LST and Ls=330°-360° by DCPAM

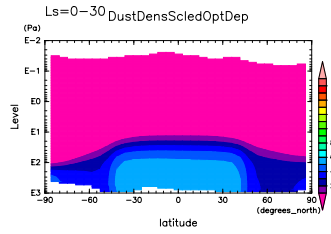Figure 39: DustDensScledOptDep at 03 LST and Ls=330°-360° by MRO

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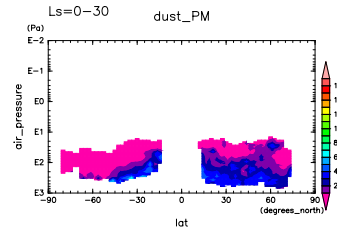Figure 40: DustDensScledOptDep at 15 LST and Ls=0°-30° by DCPAM

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

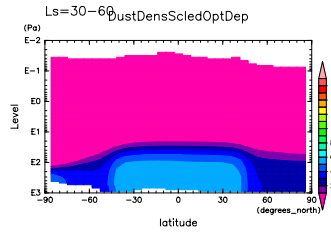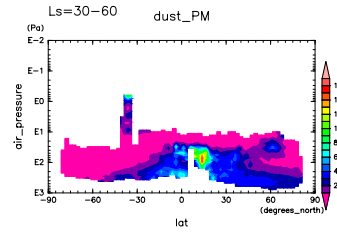Figure 41: DustDensScledOptDep at 15 LST and Ls=30°-60° by DCPAM

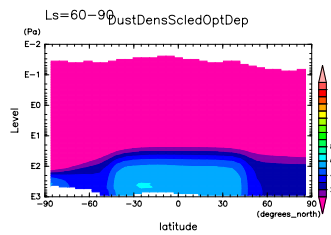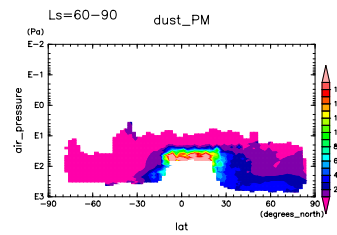Figure 44: DustDensScledOptDep at 15 LST and Ls=30°-60° by MRO

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

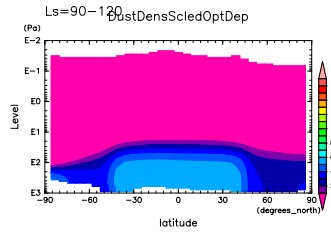Figure 45: DustDensScledOptDep at 15 LST and Ls=60°-90° by MRO

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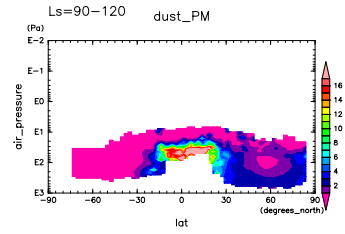

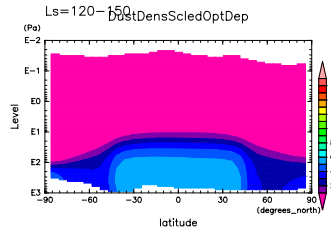Figure 49: DustDensScledOptDep at 15 LST and Ls=90°-120° by MRO

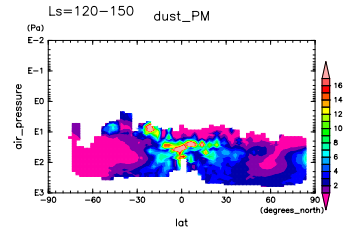Figure 47: DustDensScledOptDep at 15 LST and Ls=120°-150° by DCPAM

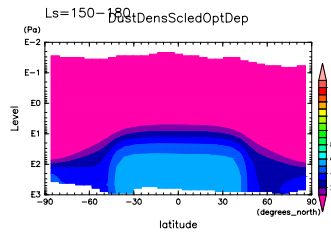Figure 50: DustDensScledOptDep at 15 LST and Ls=120°-150° by MRO

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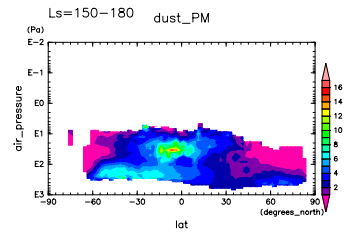

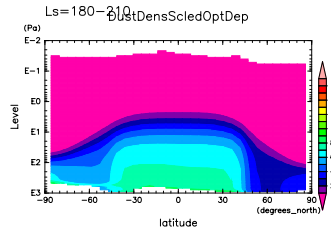Figure 51: DustDensScledOptDep at 15 LST and Ls=150°-180° by MRO

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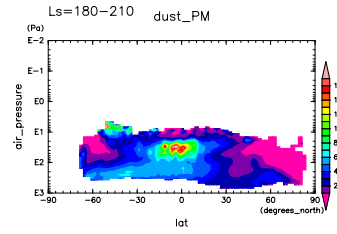Figure 52: DustDensScledOptDep at 15 LST and Ls=180°-210° by DCPAM

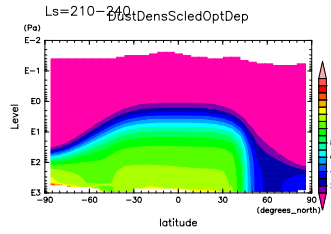Figure 55: DustDensScledOptDep at 15 LST and Ls=180°-210° by MRO

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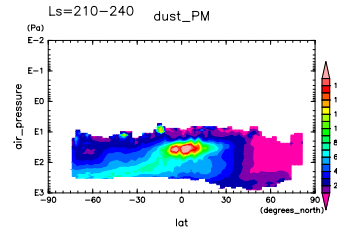

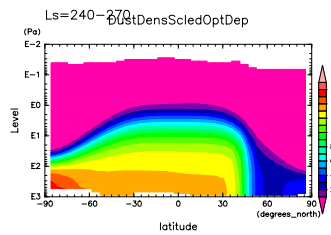Figure 56: DustDensScledOptDep at 15 LST and Ls=210°-240° by MRO

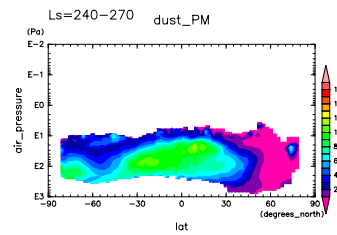Figure 54: DustDensScledOptDep at 15 LST and Ls=240°-270° by DCPAM

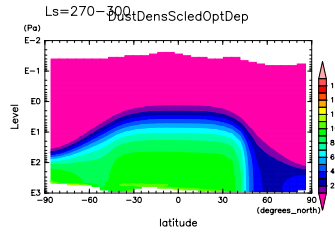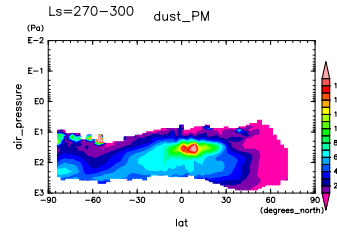Figure 57: DustDensScledOptDep at 15 LST and Ls=240°-270° by MRO

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

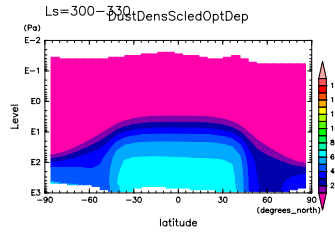Figure 61: DustDensScledOptDep at 15 LST and Ls=270°-300° by MRO

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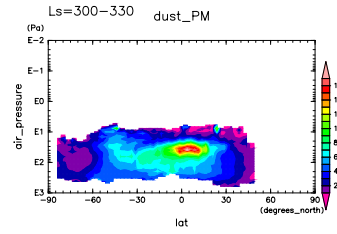

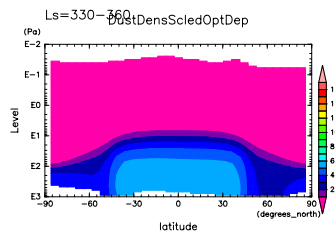Figure 62: DustDensScledOptDep at 15 LST and Ls=300°-330° by MRO

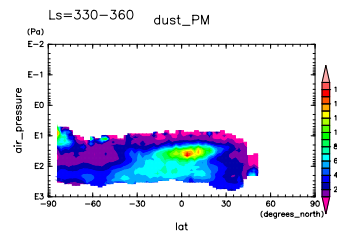Figure 60: DustDensScledOptDep at 15 LST and Ls=330°-360° by DCPAM

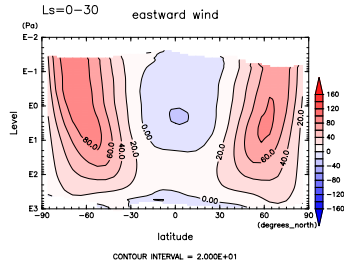Figure 63: DustDensScledOptDep at 15 LST and Ls=330°-360° by MRO
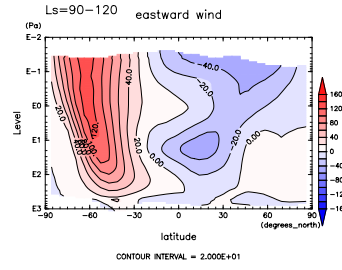
Figure 64: U at L$_s$=0°–30° by DC-PAM

Figure 65: U at L$_s$=30°–60° by DC-PAM

Figure 66: U at L$_s$=60°–90° by DC-PAM

Figure 67: U at L$_s$=90°–120° by DC-PAM

Figure 68: U at L$_s$=120°–150° by DC-PAM
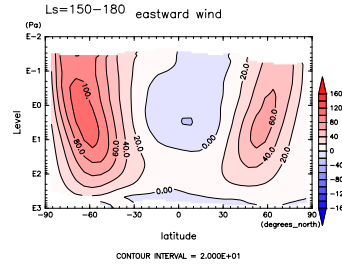
Figure 69: U at L$_s$=150°–180° by DC-PAM

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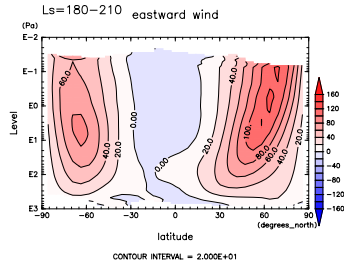
Figure 70: U at L$_s$=180°–210° by DC-PAM

Figure 71: U at L$_s$=210°–240° by DC-PAM

Figure 72: U at L$_s$=240°–270° by DC-PAM

Figure 73: U at L$_s$=270°–300° by DC-PAM

Figure 74: U at L$_s$=300°–330° by DC-PAM
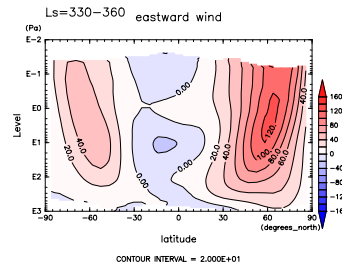
Figure 75: U at L$_s$=330°–360° by DC-PAM

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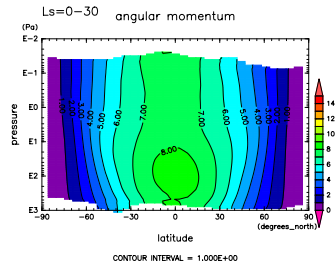
Figure 76: ANGMOM at L_s=0°–30° by DCPAM
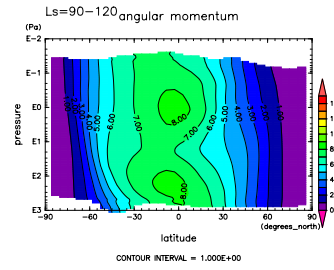
Figure 79: ANGMOM at L_s=90°–120° by DCPAM
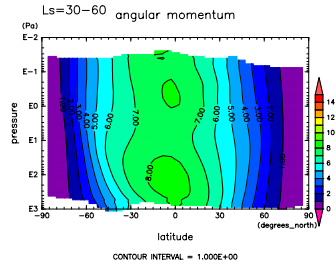
Figure 77: ANGMOM at L_s=30°–60° by DCPAM
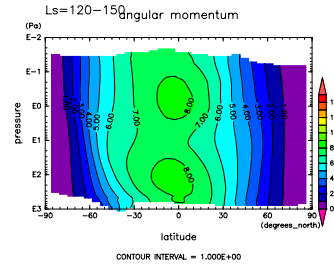
Figure 80: ANGMOM at L_s=120°–150° by DCPAM
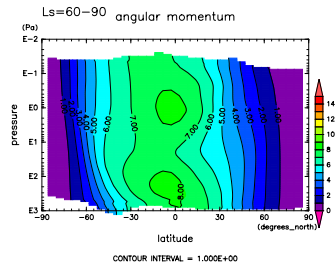
Figure 78: ANGMOM at L_s=60°–90° by DCPAM
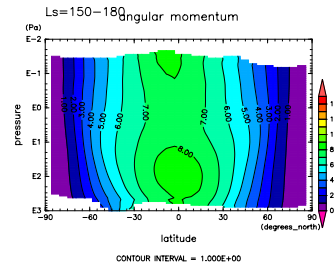
Figure 81: ANGMOM at L_s=150°–180° by DCPAM

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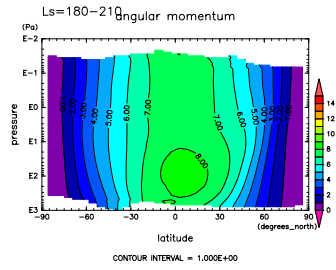
Figure 82: ANGMOM at L_s=180°–210° by DCPAM

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

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

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

Figure 86: ANGMOM at L_s=300°–330° by DCPAM
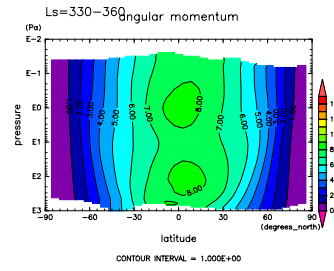
Figure 87: ANGMOM at L_s=330°–360° by DCPAM
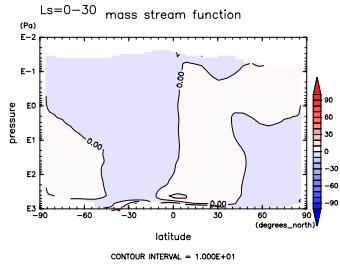
Figure 88: MSF at L_s=0°–30° by DC-PAM
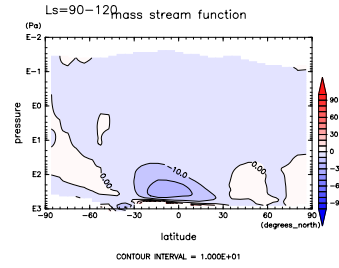
Figure 91: MSF at L_s=90°–120° by DCPAM
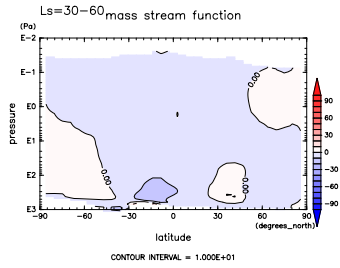
Figure 89: MSF at L_s=30°–60° by DCPAM
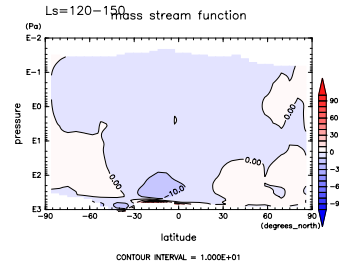
Figure 92: MSF at L_s=120°–150° by DCPAM
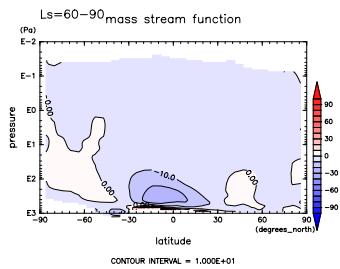
Figure 90: MSF at L_s=60°–90° by DCPAM
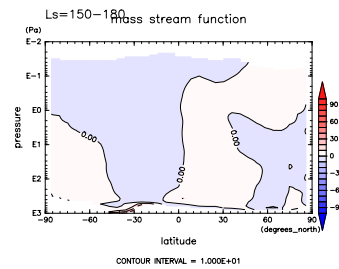
Figure 93: MSF at L_s=150°–180° by DCPAM

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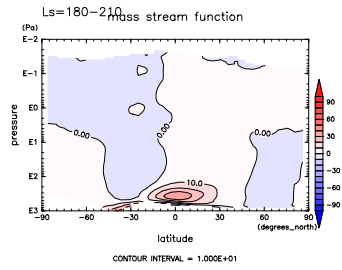
Figure 94: MSF at L_s=180°–210° by DCPAM

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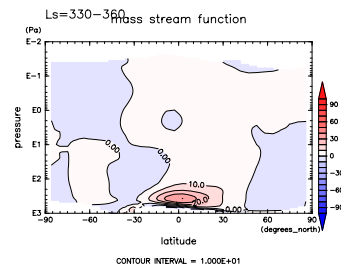
Figure 99: MSF at L_s=330°–360° by DCPAM

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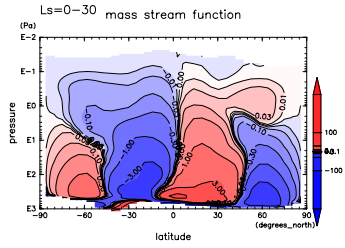
Figure 100: MSF at $L_s=0°–30°$ by DCPAM

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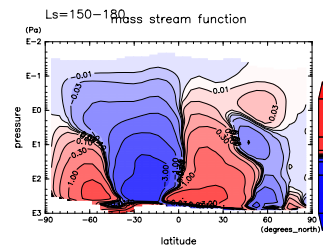
Figure 105: MSF at $L_s=150°–180°$ by DCPAM

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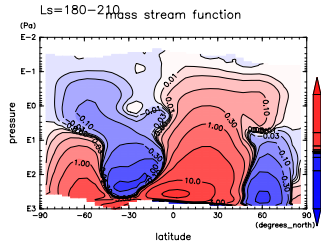
Figure 106: MSF at L_s=180°–210° by DCPAM

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

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

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

Figure 110: MSF at L_s=300°–330° by DCPAM
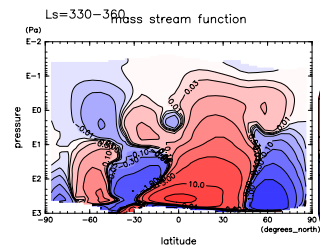
Figure 111: MSF at L_s=330°–360° by DCPAM

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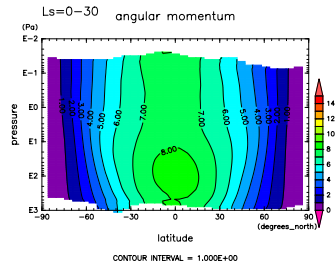
Figure 112: ANGMOM at L_s=0°–30° by DCPAM
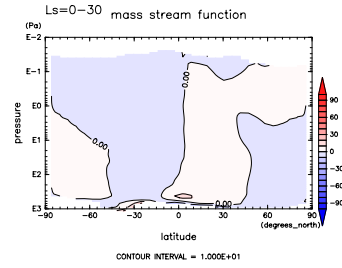
Figure 115: MSF at L_s=0°–30° by DCPAM
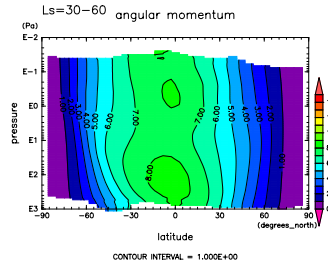
Figure 113: ANGMOM at L_s=30°–60° by DCPAM
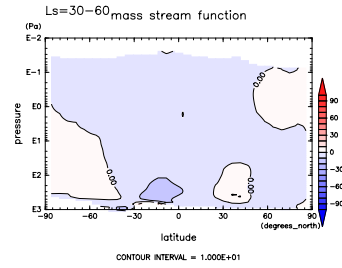
Figure 116: MSF at L_s=30°–60° by DCPAM
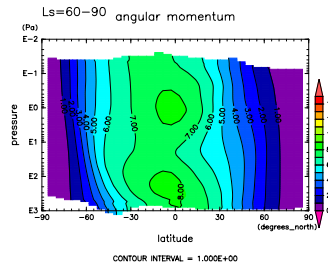
Figure 114: ANGMOM at L_s=60°–90° by DCPAM
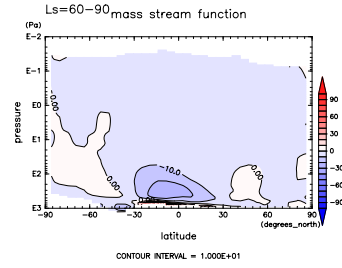
Figure 117: MSF at L_s=60°–90° by DCPAM

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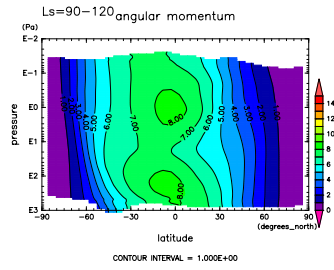
Figure 118: ANGMOM at L_s=90°–120° by DCPAM
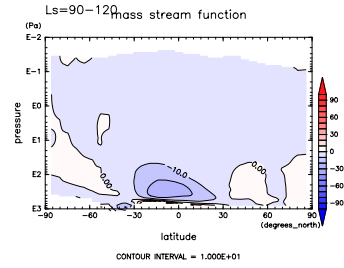
Figure 121: MSF at L_s=90°–120° by DCPAM
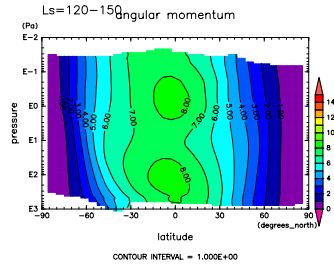
Figure 119: ANGMOM at L_s=120°–150° by DCPAM
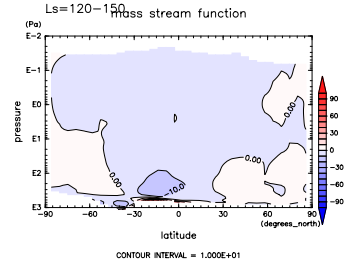
Figure 122: MSF at L_s=120°–150° by DCPAM
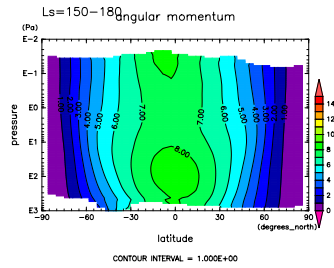
Figure 120: ANGMOM at L_s=150°–180° by DCPAM
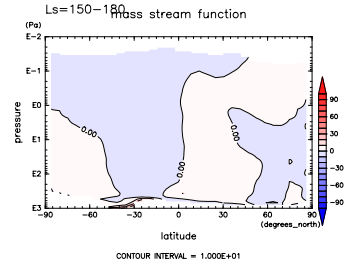
Figure 123: MSF at L_s=150°–180° by DCPAM
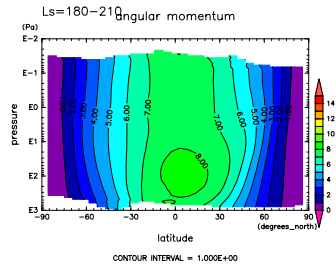
Figure 124: ANGMOM at L_s=180°–210° by DCPAM
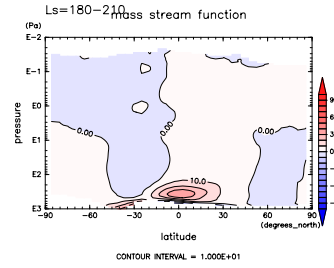
Figure 127: MSF at L_s=180°–210° by DCPAM
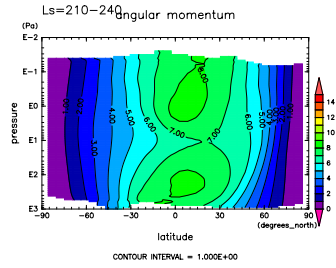
Figure 125: ANGMOM at L_s=210°–240° by DCPAM
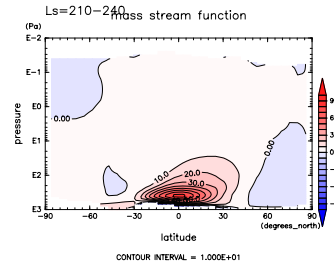
Figure 128: MSF at L_s=210°–240° by DCPAM
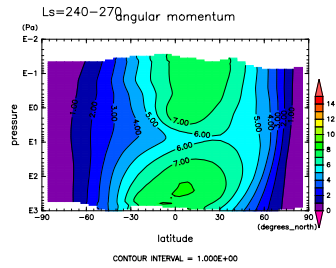
Figure 126: ANGMOM at L_s=240°–270° by DCPAM
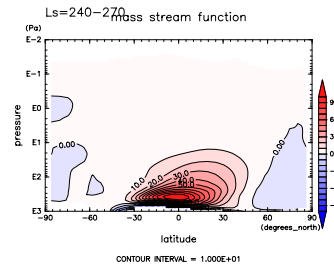
Figure 129: MSF at L_s=240°–270° by DCPAM

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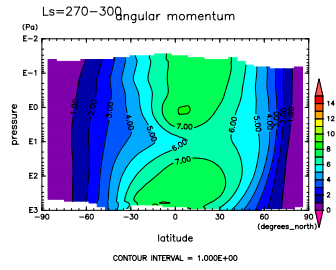
Figure 130: ANGMOM at L_s=270°–300° by DCPAM
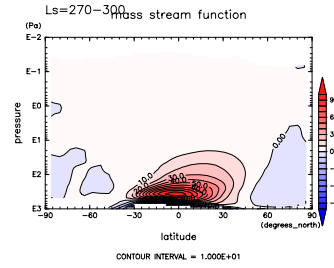
Figure 133: MSF at L_s=270°–300° by DCPAM
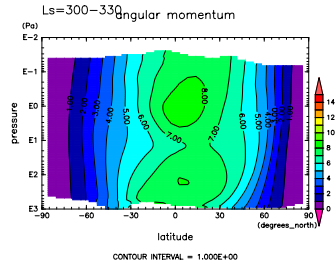
Figure 131: ANGMOM at L_s=300°–330° by DCPAM
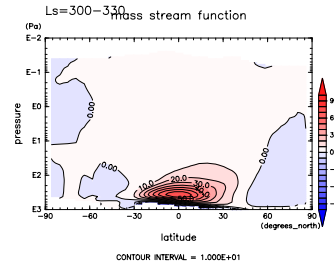
Figure 134: MSF at L_s=300°–330° by DCPAM
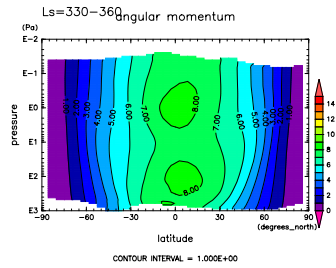
Figure 132: ANGMOM at L_s=330°–360° by DCPAM
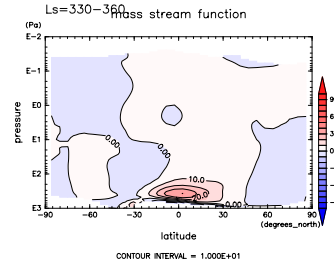
Figure 135: MSF at L_s=330°–360° by DCPAM

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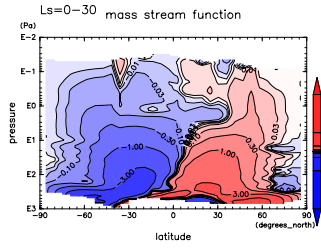
Figure 136: MSF at $L_s=0°$–$30°$ by DCPAM
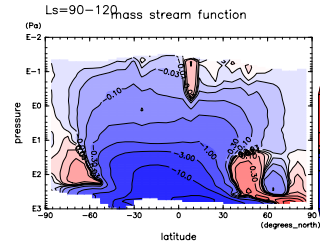
Figure 139: MSF at $L_s=90°$–$120°$ by DCPAM
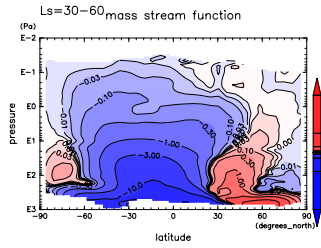
Figure 137: MSF at $L_s=30°$–$60°$ by DCPAM
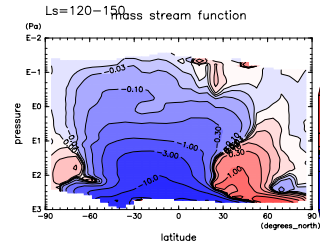
Figure 140: MSF at $L_s=120°$–$150°$ by DCPAM
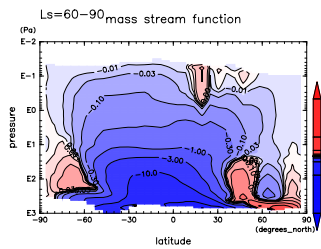
Figure 138: MSF at $L_s=60°$–$90°$ by DCPAM
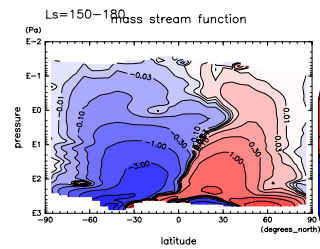
Figure 141: MSF at $L_s=150°$–$180°$ by DCPAM
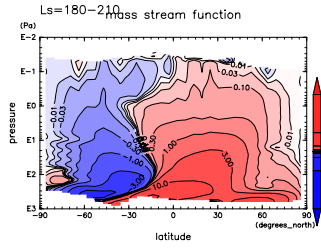
Figure 142: MSF at L_s=180°–210° by DCPAM

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

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

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

Figure 146: MSF at L_s=300°–330° by DCPAM
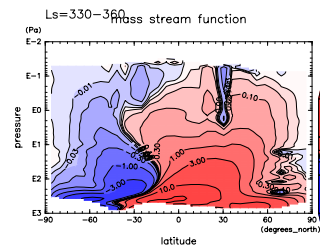
Figure 147: MSF at L_s=330°–360° by DCPAM

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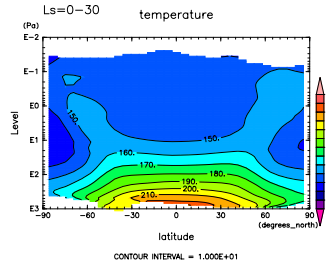
Figure 148: Temp at $L_s=0°$–$30°$ by DCPAM

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

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

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

Figure 152: Temp at $L_s=120°$–$150°$ by DCPAM
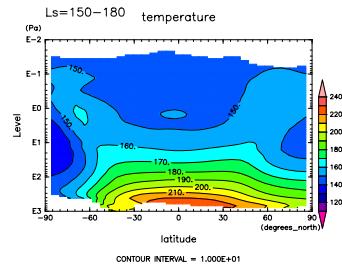
Figure 153: Temp at $L_s=150°$–$180°$ by DCPAM
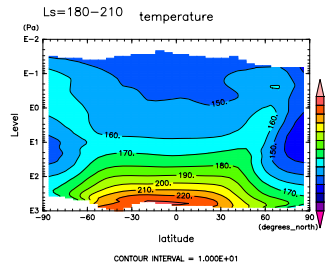
Figure 154: Temp at L_s=180°–210° by DCPAM

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

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

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

Figure 158: Temp at L_s=300°–330° by DCPAM
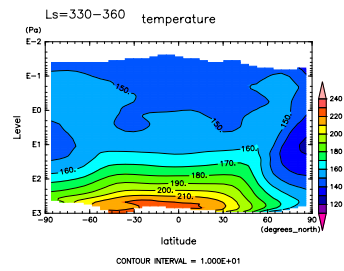
Figure 159: Temp at L_s=330°–360° by DCPAM

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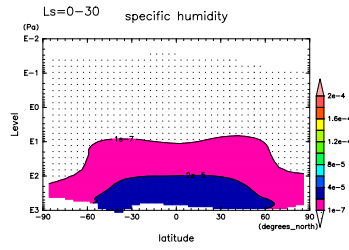
Figure 160: QH2OVap at L$_s$=0°–30° by DCPAM

Figure 161: QH2OVap at L$_s$=30°–60° by DCPAM

Figure 162: QH2OVap at L$_s$=60°–90° by DCPAM

Figure 163: QH2OVap at L$_s$=90°–120° by DCPAM

Figure 164: QH2OVap at L$_s$=120°–150° by DCPAM
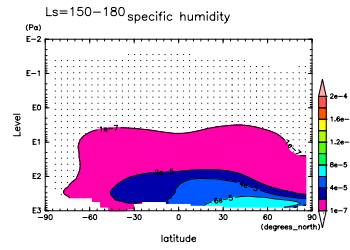
Figure 165: QH2OVap at L$_s$=150°–180° by DCPAM

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
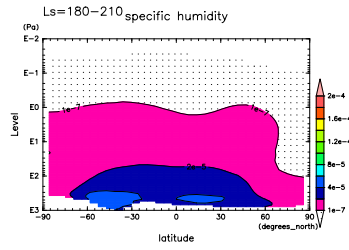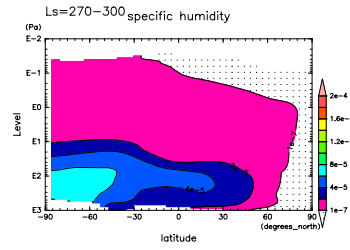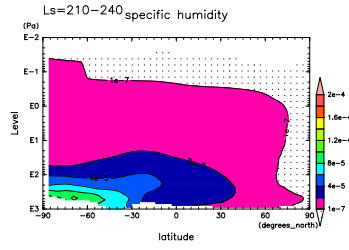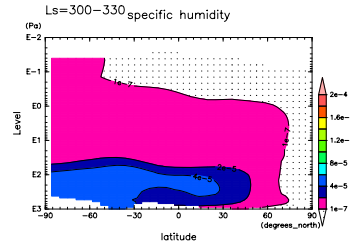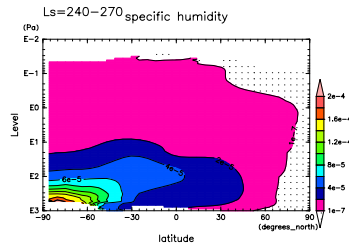

Figure 168: QH2OVap at L_s=240°–270° by DCPAM
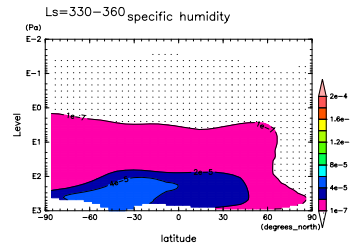
Figure 171: QH2OVap at L_s=330°–360° by DCPAM
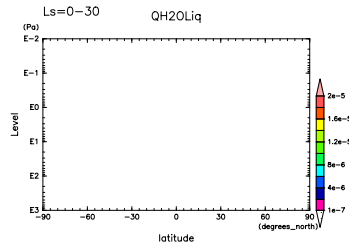
Figure 172: QH2OLiq at L_s=0°–30° by DCPAM

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

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

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

Figure 176: QH2OLiq at L_s=120°–150° by DCPAM
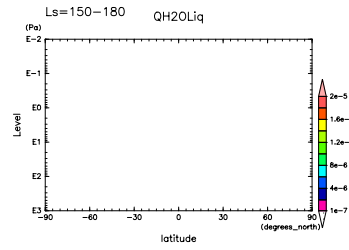
Figure 177: QH2OLiq at L_s=150°–180° by DCPAM

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

Figure 181: QH2OLiq at L_s=270°–300° by DCPAM
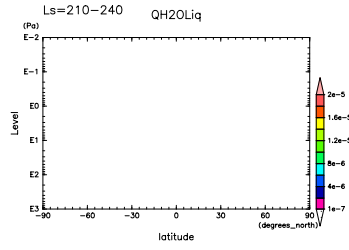
Figure 179: QH2OLiq at L_s=210°–240° by DCPAM
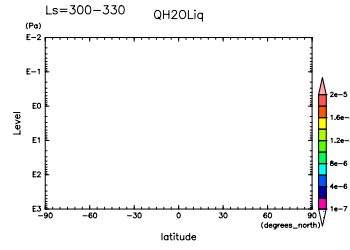
Figure 182: QH2OLiq at L_s=300°–330° by DCPAM
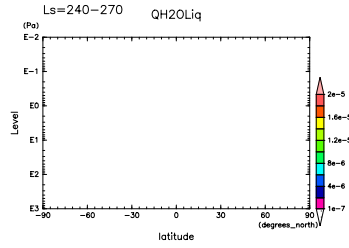
Figure 180: QH2OLiq at L_s=240°–270° by DCPAM
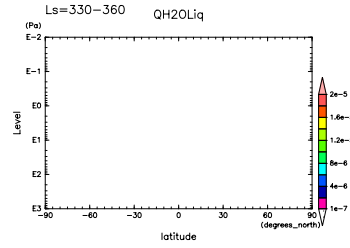
Figure 183: QH2OLiq at L_s=330°–360° by DCPAM

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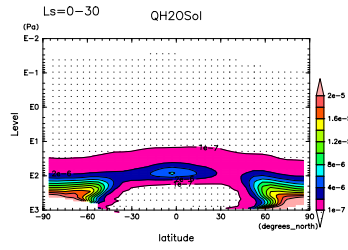
Figure 184: QH2OSol at L_s=0°–30° by DCPAM
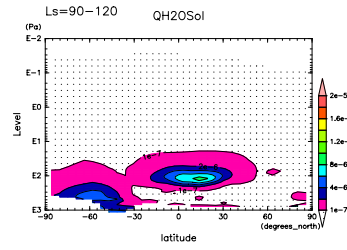
Figure 187: QH2OSol at L_s=90°–120° by DCPAM
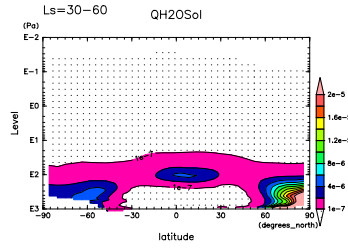
Figure 185: QH2OSol at L_s=30°–60° by DCPAM
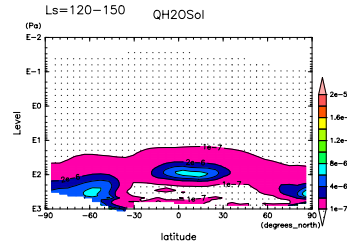
Figure 188: QH2OSol at L_s=120°–150° by DCPAM
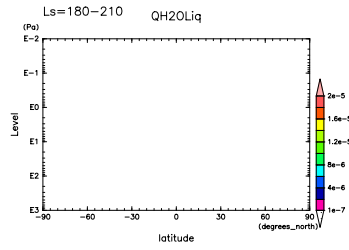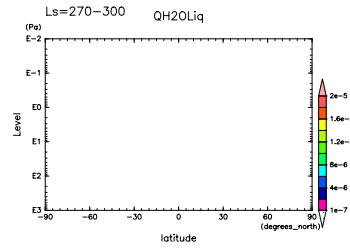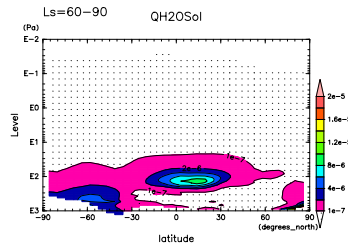

Figure 186: QH2OSol at L_s=60°–90° by DCPAM

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

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Figure 190: QH2OSol at $L_s=180°$–$210°$ by DCPAM
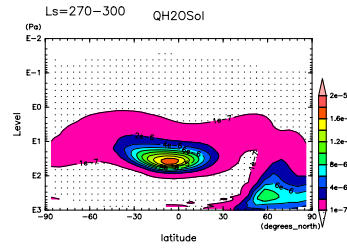
Figure 193: QH2OSol at $L_s=270°$–$300°$ by DCPAM
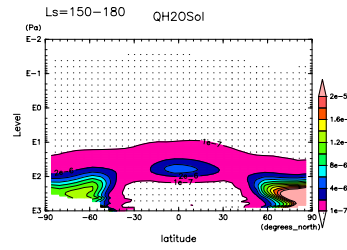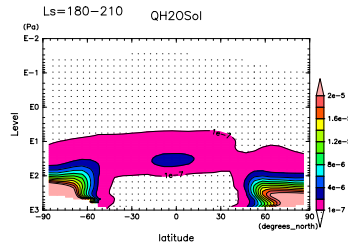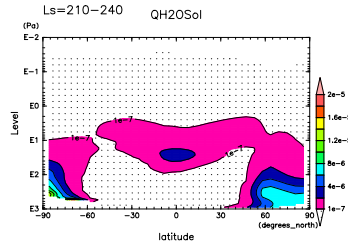

Figure 191: QH2OSol at $L_s=210°$–$240°$ by DCPAM
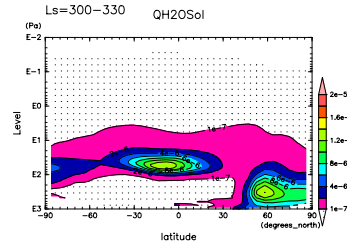
Figure 194: QH2OSol at $L_s=300°$–$330°$ by DCPAM
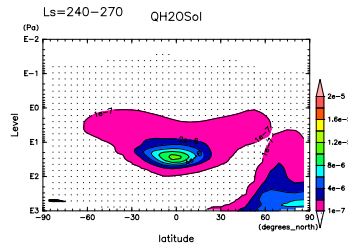
Figure 192: QH2OSol at $L_s=240°$–$270°$ by DCPAM
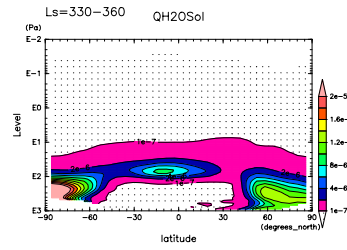
Figure 195: QH2OSol at $L_s=330°$–$360°$ by DCPAM

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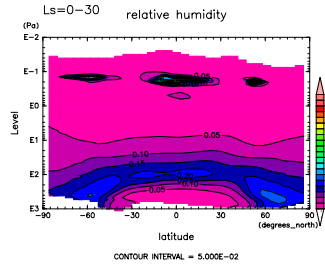
Figure 196: RH at L_s=0°–30° by DC-PAM
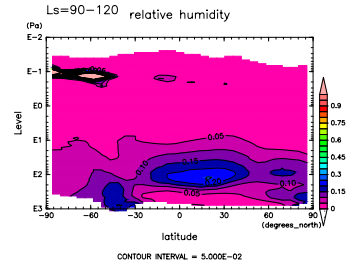
Figure 199: RH at L_s=90°–120° by DCPAM
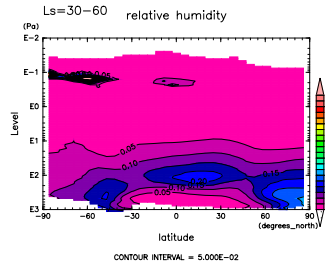
Figure 197: RH at L_s=30°–60° by DCPAM
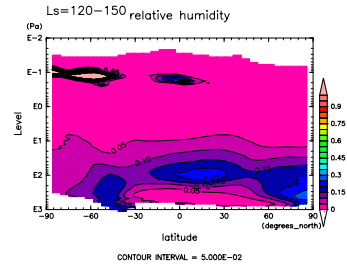
Figure 200: RH at L_s=120°–150° by DCPAM
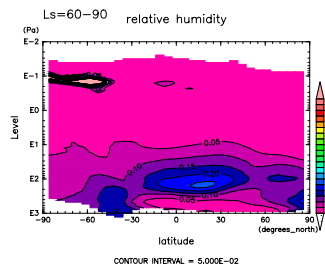
Figure 198: RH at L_s=60°–90° by DCPAM
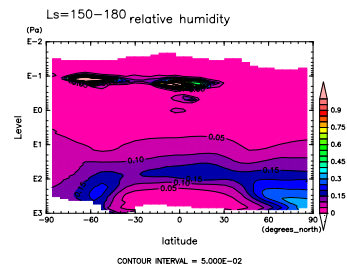
Figure 201: RH at L_s=150°–180° by DCPAM

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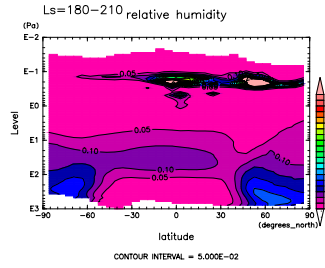
Figure 202: RH at L_s=180°–210° by DCPAM

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

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

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

Figure 206: RH at L_s=300°–330° by DCPAM
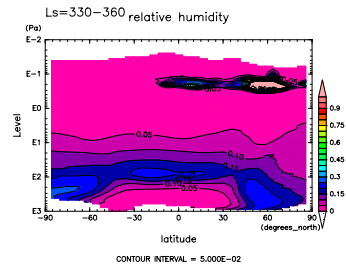
Figure 207: RH at L_s=330°–360° by DCPAM

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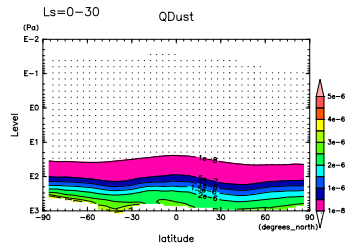
Figure 208: QDust at L_s=0°–30° by DCPAM
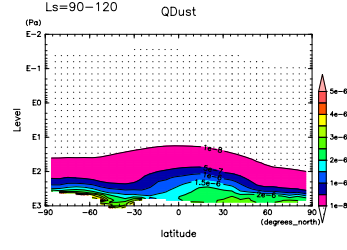
Figure 211: QDust at L_s=90°–120° by DCPAM
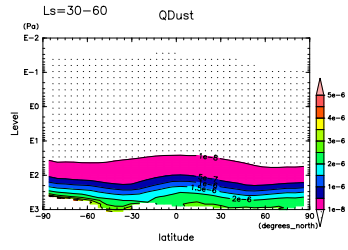
Figure 209: QDust at L_s=30°–60° by DCPAM
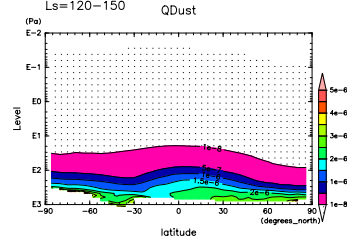
Figure 212: QDust at L_s=120°–150° by DCPAM
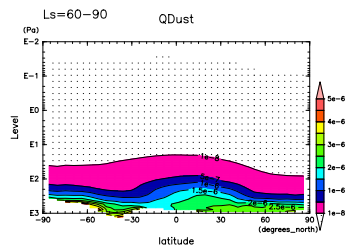
Figure 210: QDust at L_s=60°–90° by DCPAM
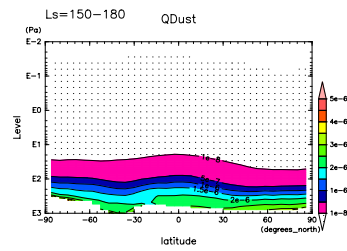
Figure 213: QDust at L_s=150°–180° by DCPAM

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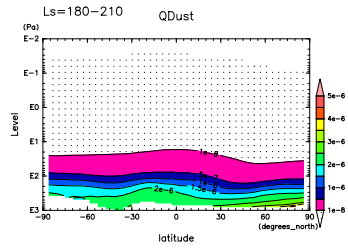
Figure 214: QDust at L$_s$=180°–210° by DCPAM
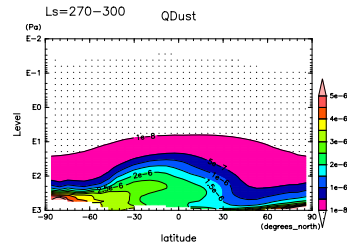
Figure 217: QDust at L$_s$=270°–300° by DCPAM
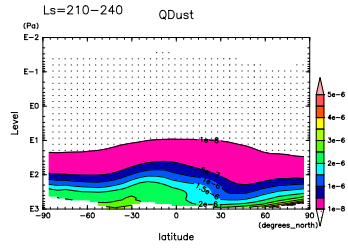
Figure 215: QDust at L$_s$=210°–240° by DCPAM
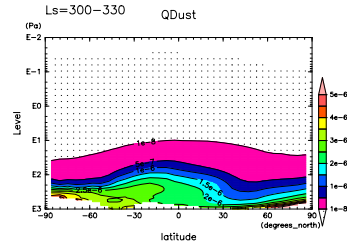
Figure 218: QDust at L$_s$=300°–330° by DCPAM
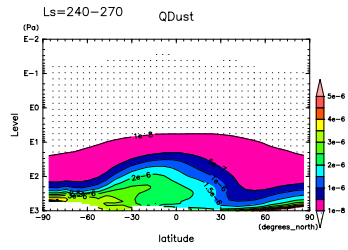
Figure 216: QDust at L$_s$=240°–270° by DCPAM
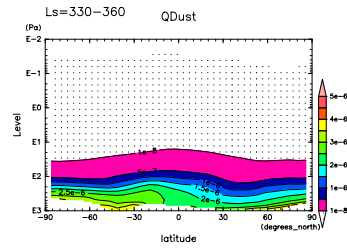
Figure 219: QDust at L$_s$=330°–360° by DCPAM

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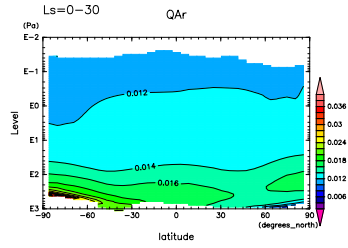
Figure 220: QAr at L_s=0°–30° by DC-PAM

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

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

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

Figure 224: QAr at L_s=120°–150° by DCPAM
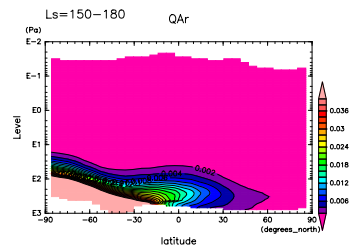
Figure 225: QAr at L_s=150°–180° by DCPAM

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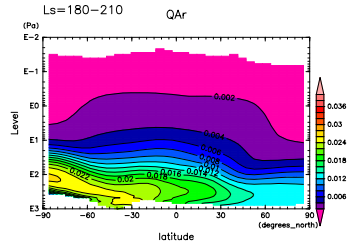
Figure 226: QAr at L_s=180°–210° by DCPAM

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

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

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

Figure 230: QAr at L_s=300°–330° by DCPAM
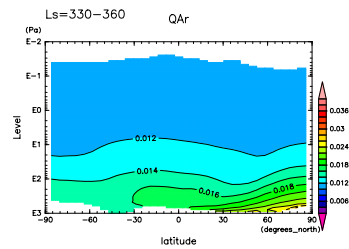
Figure 231: QAr at L_s=330°–360° by DCPAM
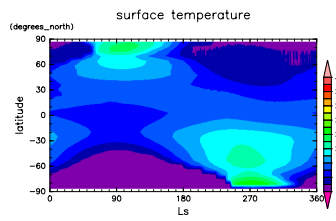
Figure 232: T_s at 02 LST by DCPAM
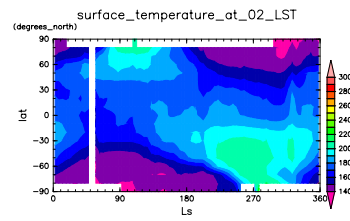
Figure 234: T_s at 02 LST by MGS
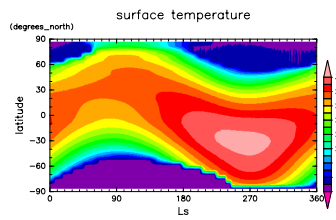
Figure 233: T_s at 14 LST by DCPAM
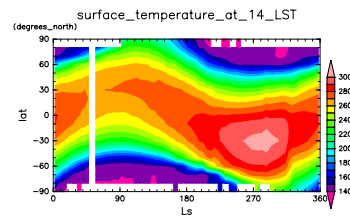
Figure 235: T_s at 14 LST by MGS

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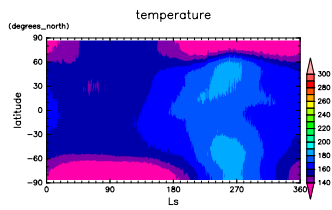
Figure 236: T at 18 Pa and at 02 LST by DCPAM
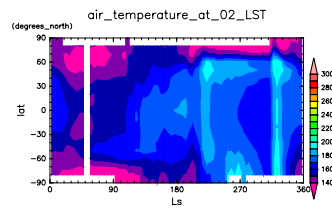
Figure 240: T at 18 Pa and at 02 LST by MGS
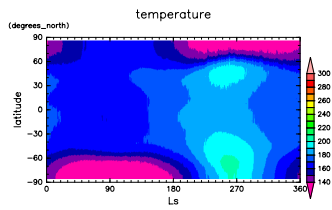
Figure 237: T at 50 Pa and at 02 LST by DCPAM
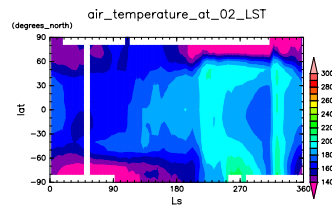
Figure 241: T at 50 Pa and at 02 LST by MGS
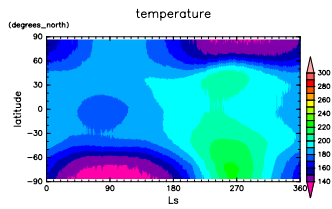
Figure 238: T at 136 Pa and at 02 LST by DCPAM
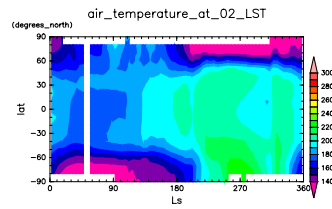
Figure 242: T at 136 Pa and at 02 LST by MGS
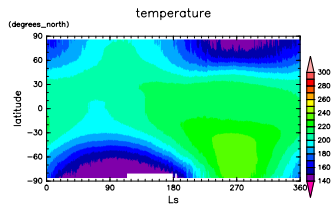
Figure 239: T at 370 Pa and at 02 LST by DCPAM
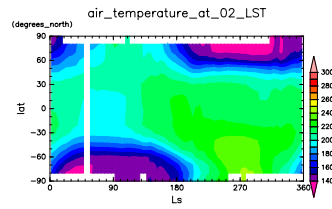
Figure 243: T at 370 Pa and at 02 LST by MGS

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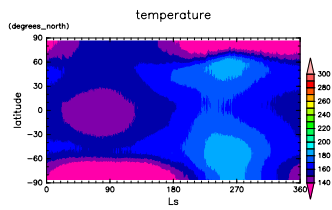
Figure 244: T at 18 Pa and at 14 LST by DCPAM
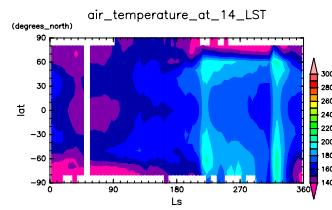
Figure 248: T at 18 Pa and at 14 LST by MGS
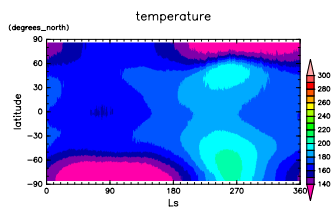
Figure 245: T at 50 Pa and at 14 LST by DCPAM
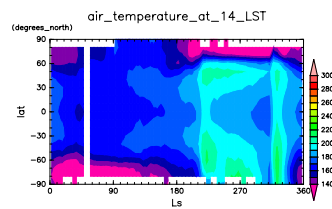
Figure 249: T at 50 Pa and at 14 LST by MGS
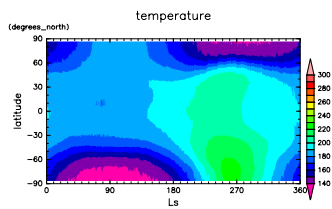
Figure 246: T at 136 Pa and at 14 LST by DCPAM
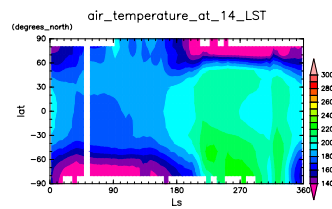
Figure 250: T at 136 Pa and at 14 LST by MGS

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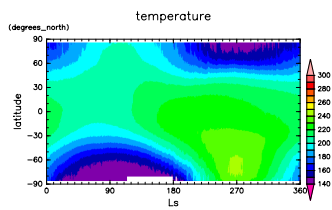
Figure 247: T at 370 Pa and at 14 LST by DCPAM
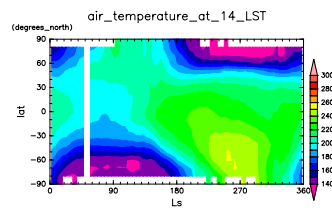
Figure 251: T at 370 Pa and at 14 LST by MGS

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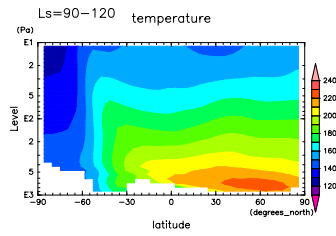
Figure 258: Temp at 02 LST and Ls=90°-120° by DCPAM

Figure 261: Temp at 02 LST and Ls=90°-120° by MGS
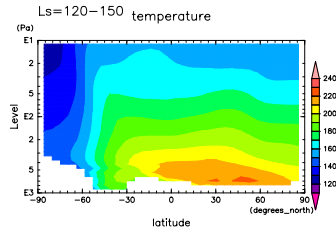
Figure 259: Temp at 02 LST and Ls=120°-150° by DCPAM

Figure 262: Temp at 02 LST and Ls=120°-150° by MGS
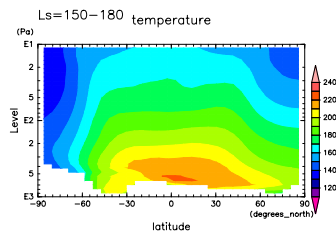
Figure 260: Temp at 02 LST and Ls=150°-180° by DCPAM

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

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

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

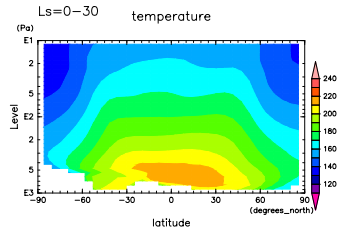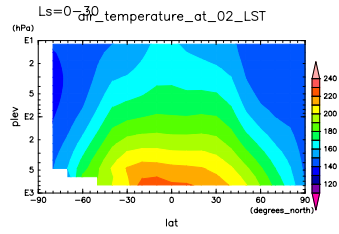Figure 271: Temp at 02 LST and Ls=300°-330° by DCPAM

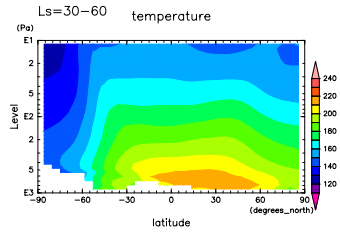Figure 274: Temp at 02 LST and Ls=300°-330° by MGS

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

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

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

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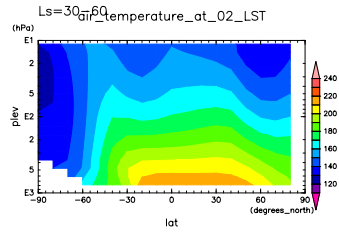

Figure 277: Temp at 14 LST and Ls=30°-60° by DCPAM

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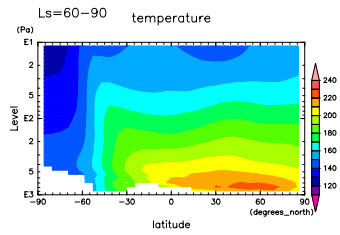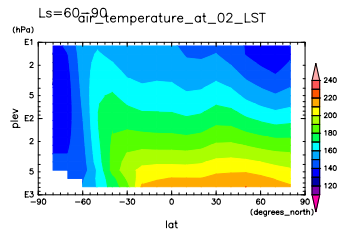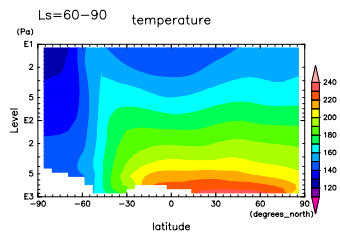

Figure 278: Temp at 14 LST and Ls=60°-90° by DCPAM

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

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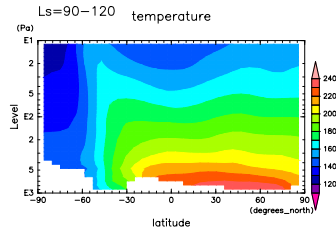
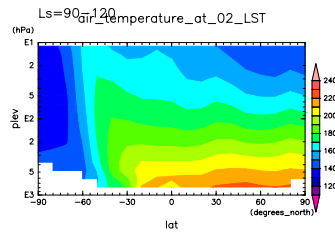Figure 282: Temp at 14 LST and Ls=90°-120° by DCPAM

Figure 285: Temp at 14 LST and Ls=90°-120° by MGS
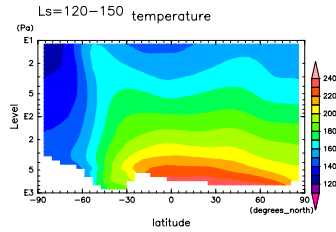
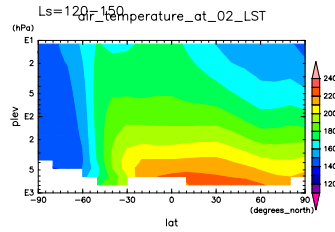Figure 283: Temp at 14 LST and Ls=120°-150° by DCPAM

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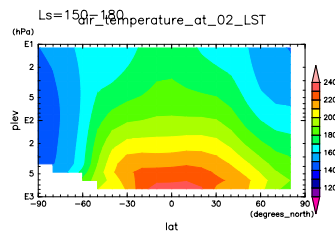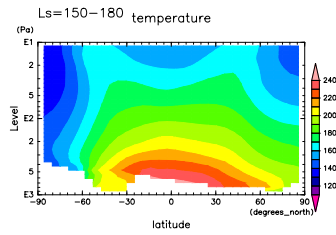

Figure 284: Temp at 14 LST and Ls=150°-180° by DCPAM

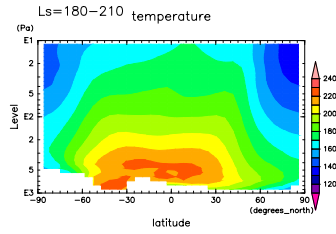Figure 287: Temp at 14 LST and Ls=150°-180° by MGS
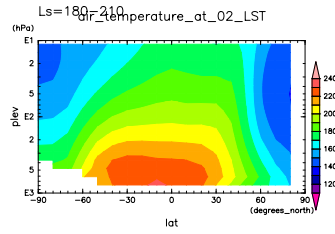
Figure 288: Temp at 14 LST and Ls=180°-210° by DCPAM

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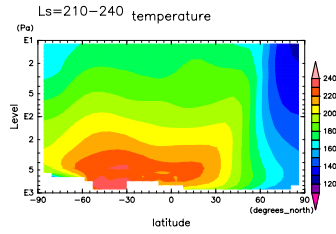

Figure 289: Temp at 14 LST and Ls=210°-240° by DCPAM
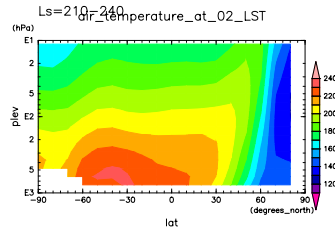

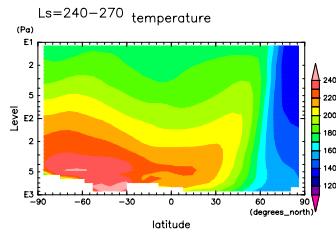Figure 292: Temp at 14 LST and Ls=210°-240° by MGS
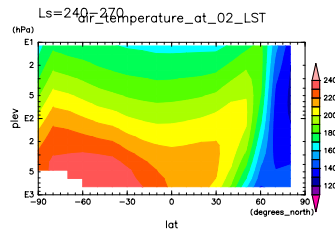

Figure 290: Temp at 14 LST and Ls=240°-270° by DCPAM

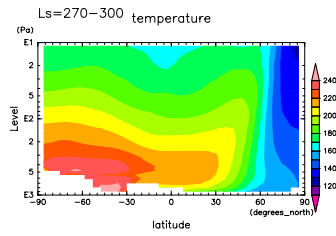Figure 293: Temp at 14 LST and Ls=240°-270° by MGS

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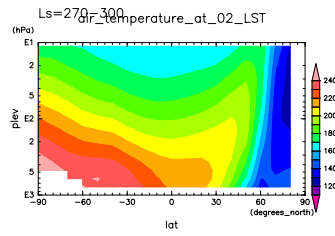Figure 294: Temp at 14 LST and Ls=270°-300° by DCPAM

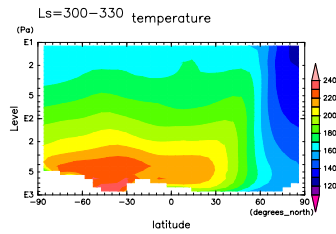Figure 297: Temp at 14 LST and Ls=270°-300° by MGS
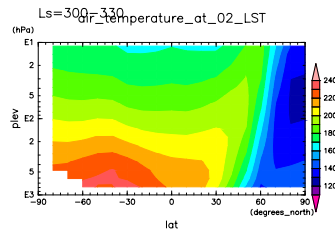

Figure 295: Temp at 14 LST and Ls=300°-330° by DCPAM

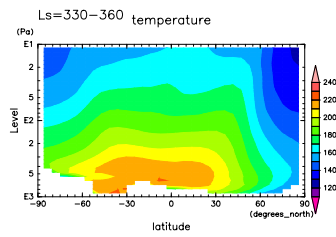Figure 298: Temp at 14 LST and Ls=300°-330° by MGS
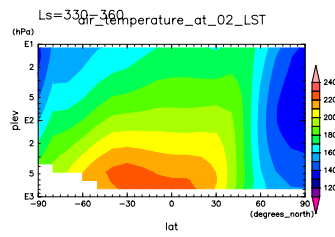

Figure 296: Temp at 14 LST and Ls=330°-360° by DCPAM

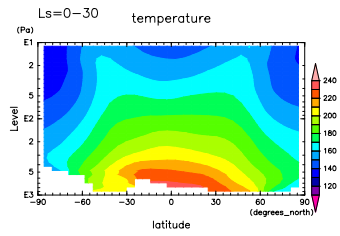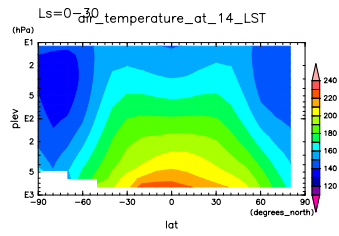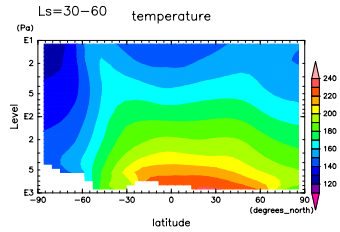Figure 299: Temp at 14 LST and Ls=330°-360° by MGS

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

Figure 303: Temp at 03 LST and Ls=0°-30° by MRO
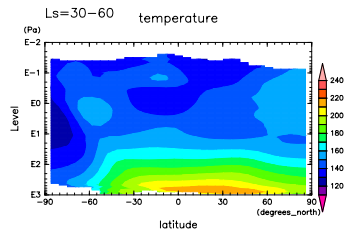
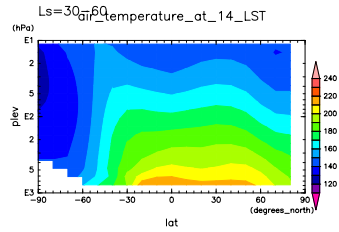
Figure 301: Temp at 03 LST and Ls=30°-60° by DCPAM

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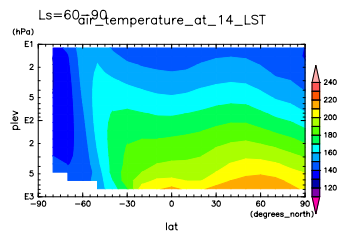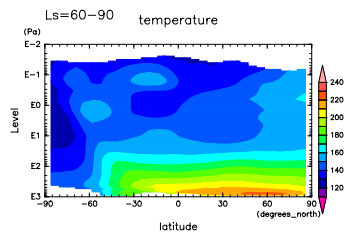

Figure 302: Temp at 03 LST and Ls=60°-90° by DCPAM


Figure 305: Temp at 03 LST and Ls=60°-90° by MRO
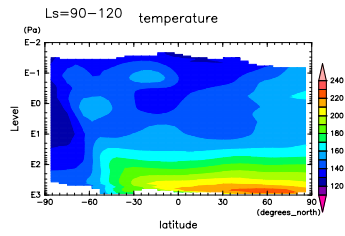
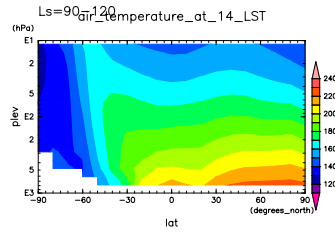Figure 306: Temp at 03 LST and Ls=90°-120° by DCPAM

Figure 309: Temp at 03 LST and Ls=90°-120° by MRO
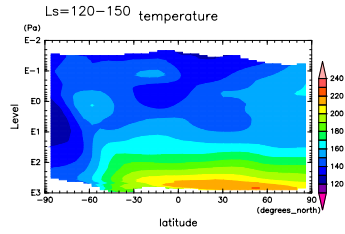
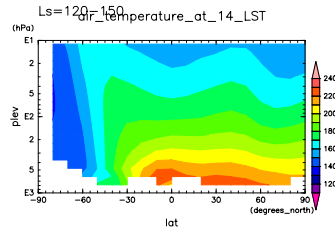Figure 307: Temp at 03 LST and Ls=120°-150° by DCPAM

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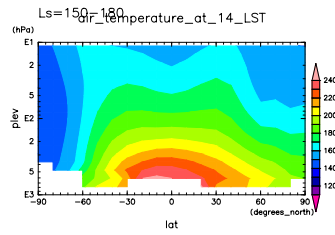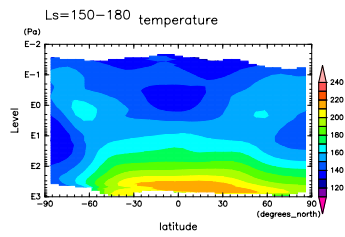

Figure 308: Temp at 03 LST and Ls=150°-180° by DCPAM

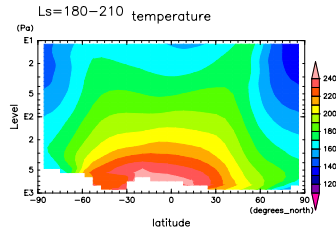Figure 311: Temp at 03 LST and Ls=150°-180° by MRO
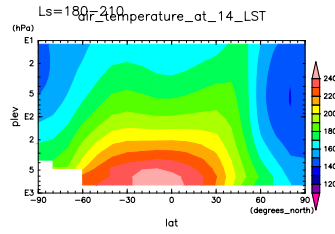
Figure 312: Temp at 03 LST and Ls=180°-210° by DCPAM
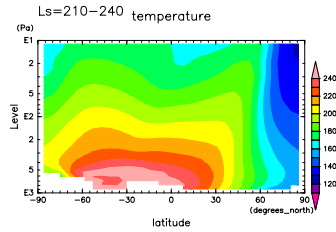

Figure 315: Temp at 03 LST and Ls=180°-210° by MRO
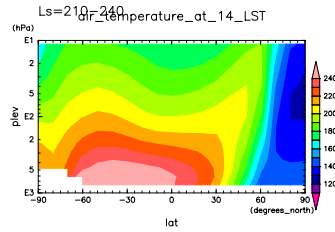

Figure 313: Temp at 03 LST and Ls=210°-240° by DCPAM
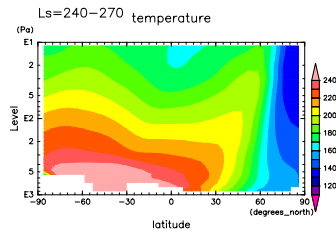

Figure 316: Temp at 03 LST and Ls=210°-240° by MRO
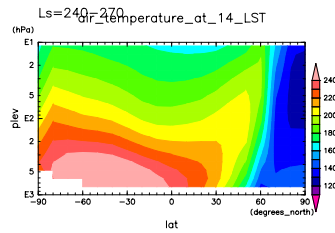

Figure 314: Temp at 03 LST and Ls=240°-270° by DCPAM

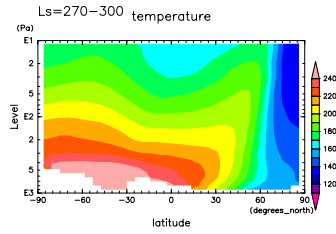Figure 317: Temp at 03 LST and Ls=240°-270° by MRO

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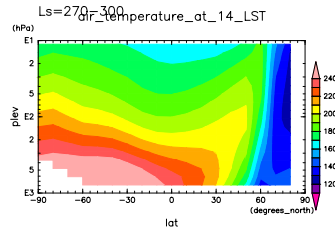Figure 318: Temp at 03 LST and Ls=270°-300° by DCPAM

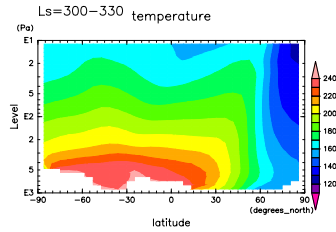Figure 321: Temp at 03 LST and Ls=270°-300° by MRO
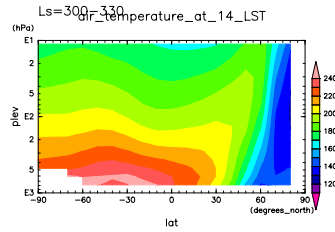

Figure 319: Temp at 03 LST and Ls=300°-330° by DCPAM
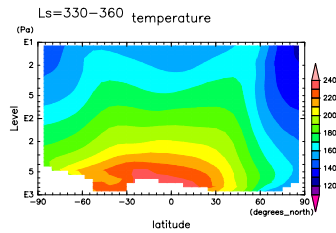

Figure 322: Temp at 03 LST and Ls=300°-330° by MRO
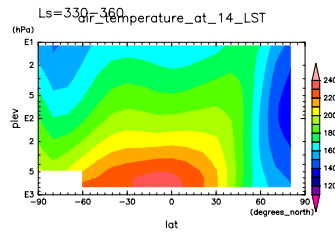

Figure 320: Temp at 03 LST and Ls=330°-360° by DCPAM

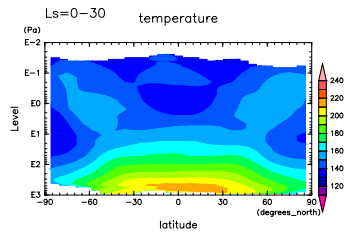Figure 323: Temp at 03 LST and Ls=330°-360° by MRO

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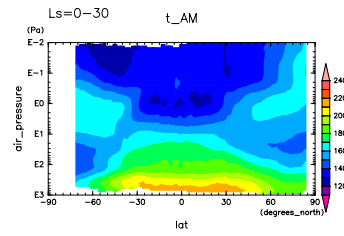Figure 324: Temp at 15 LST and Ls=0°-30° by DCPAM



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

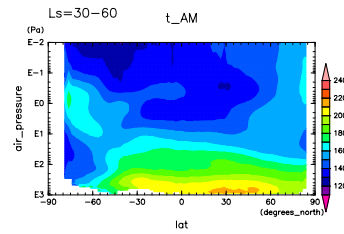Figure 325: Temp at 15 LST and Ls=30°-60° by DCPAM

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

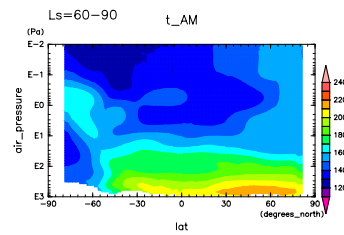Figure 326: Temp at 15 LST and Ls=60°-90° by DCPAM


Figure 329: Temp at 15 LST and Ls=60°-90° by MRO
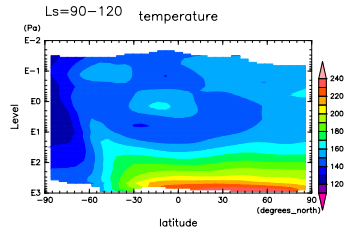
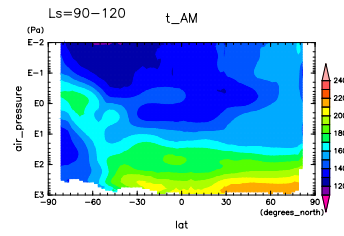Figure 330: Temp at 15 LST and Ls=90°-120° by DCPAM
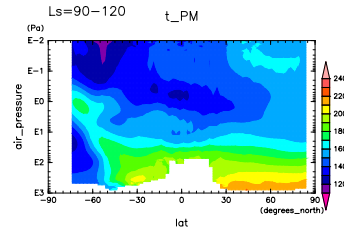

Figure 333: Temp at 15 LST and Ls=90°-120° by MRO
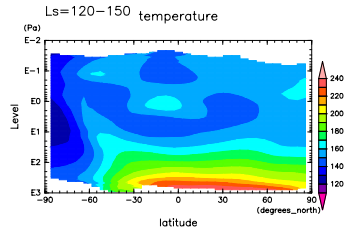
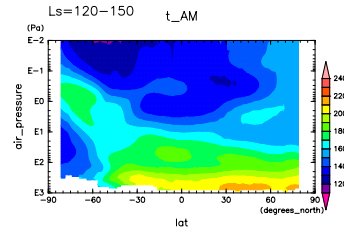Figure 331: Temp at 15 LST and Ls=120°-150° by DCPAM
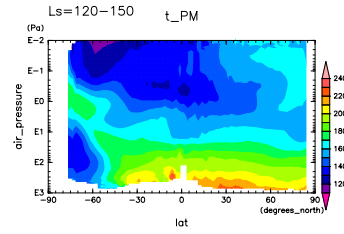
Figure 334: Temp at 15 LST and Ls=120°-150° by MRO
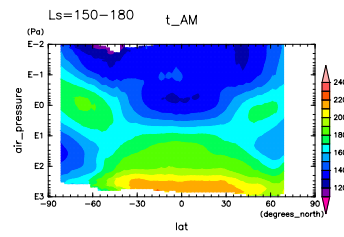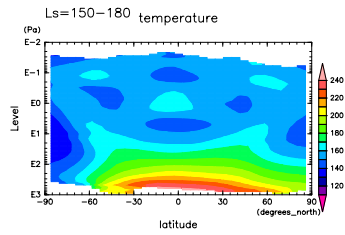

Figure 332: Temp at 15 LST and Ls=150°-180° by DCPAM
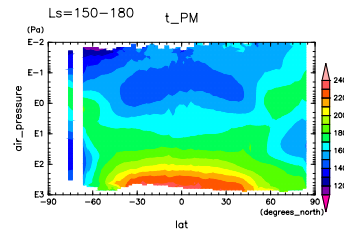
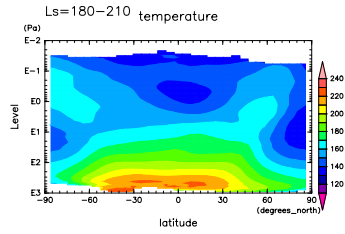Figure 335: Temp at 15 LST and Ls=150°-180° by MRO
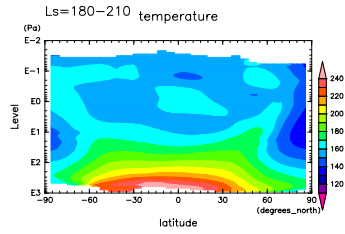
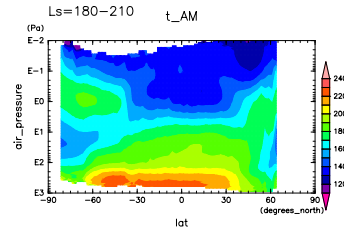Figure 336: Temp at 15 LST and Ls=180°-210° by DCPAM
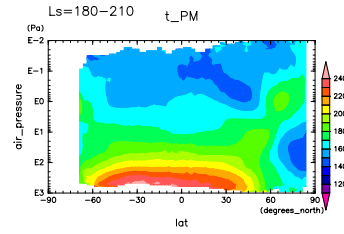
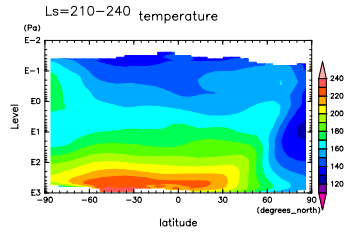Figure 339: Temp at 15 LST and Ls=180°-210° by MRO
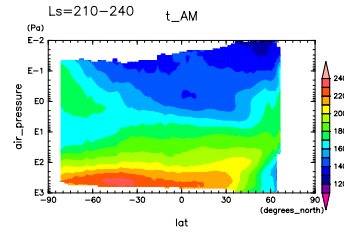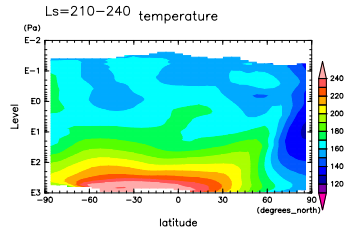

Figure 337: Temp at 15 LST and Ls=210°-240° by DCPAM
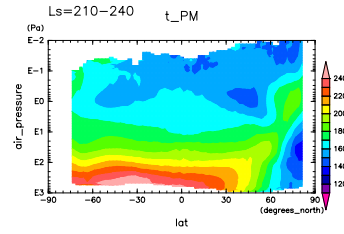
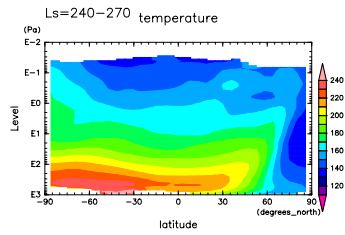Figure 340: Temp at 15 LST and Ls=210°-240° by MRO
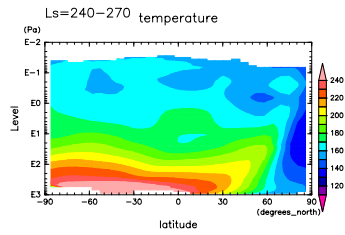
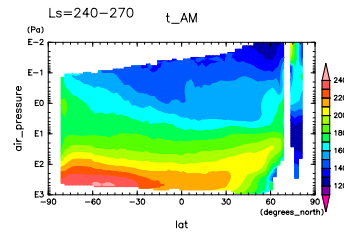Figure 338: Temp at 15 LST and Ls=240°-270° by DCPAM
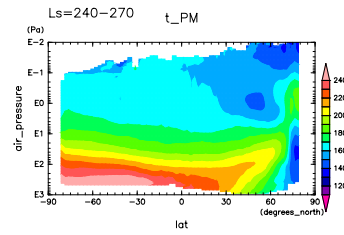
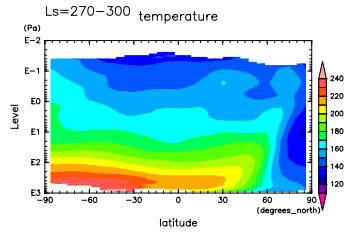Figure 341: Temp at 15 LST and Ls=240°-270° by MRO

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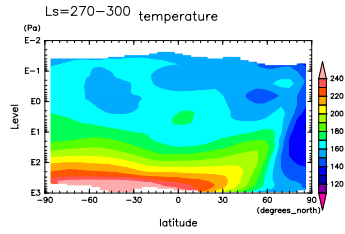
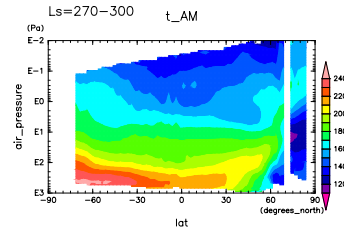Figure 342: Temp at 15 LST and Ls=270°-300° by DCPAM
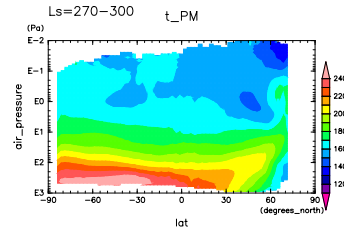
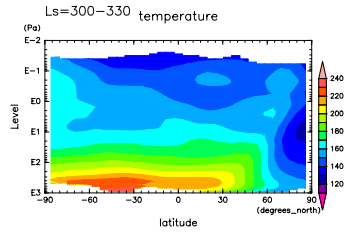Figure 345: Temp at 15 LST and Ls=270°-300° by MRO
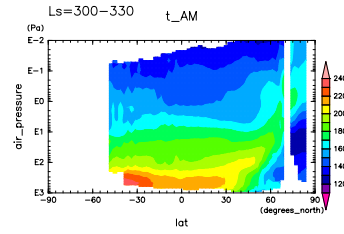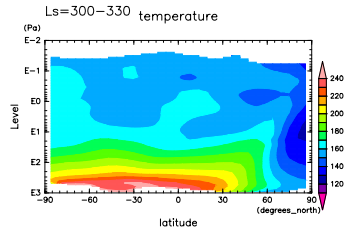

Figure 343: Temp at 15 LST and Ls=300°-330° by DCPAM
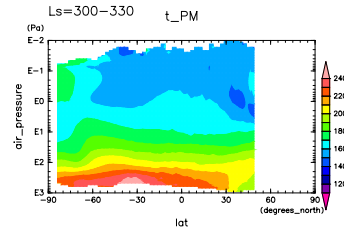
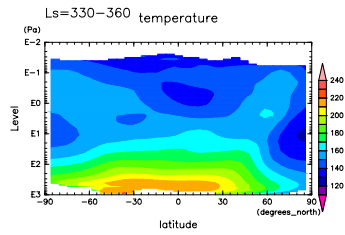Figure 346: Temp at 15 LST and Ls=300°-330° by MRO
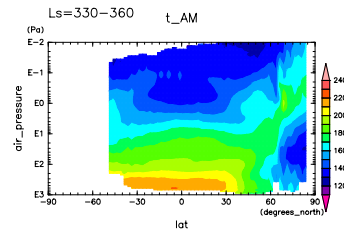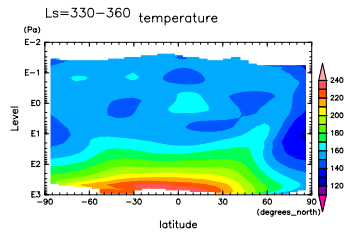

Figure 344: Temp at 15 LST and Ls=330°-360° by DCPAM
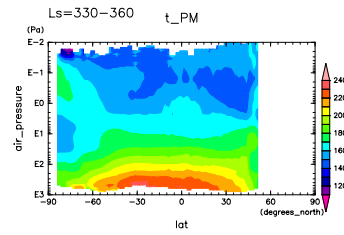
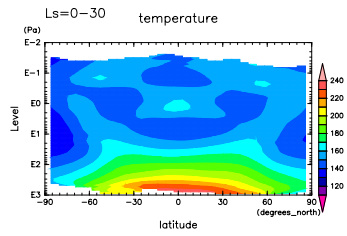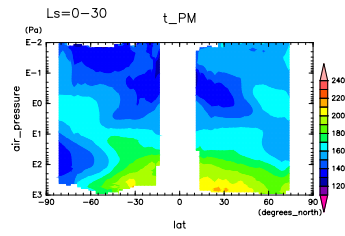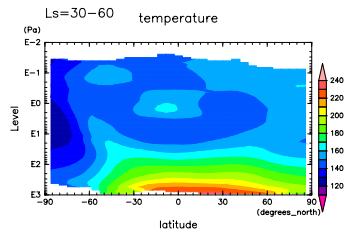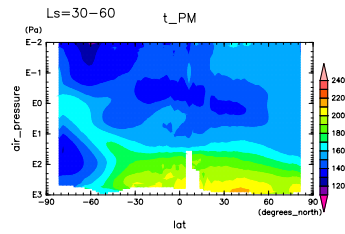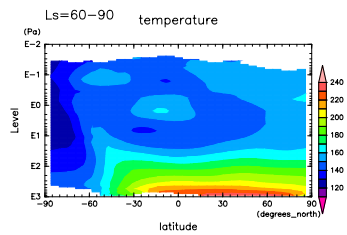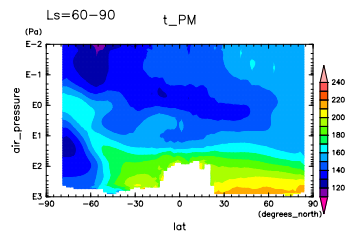Figure 347: Temp at 15 LST and Ls=330°-360° by MRO
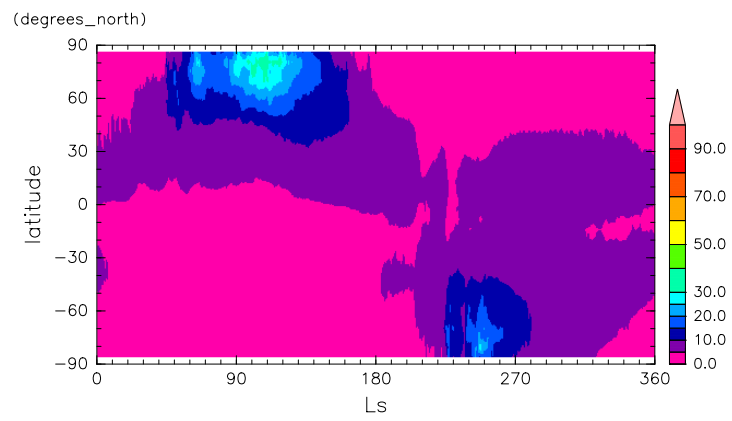
Figure 348: Column integrated water vapor by DCPAM
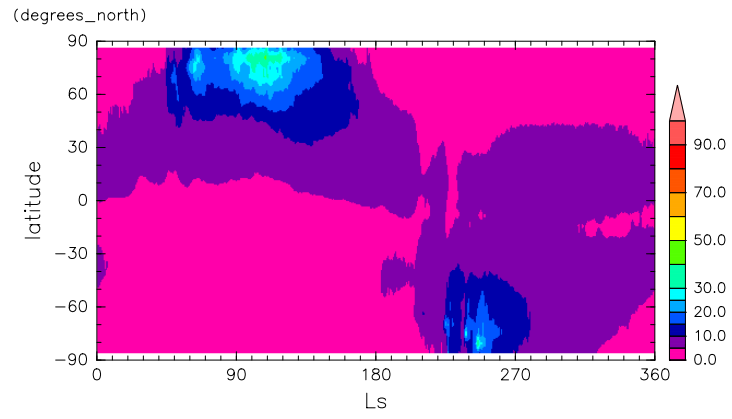
Figure 349: Column integrated water vapor by DCPAM
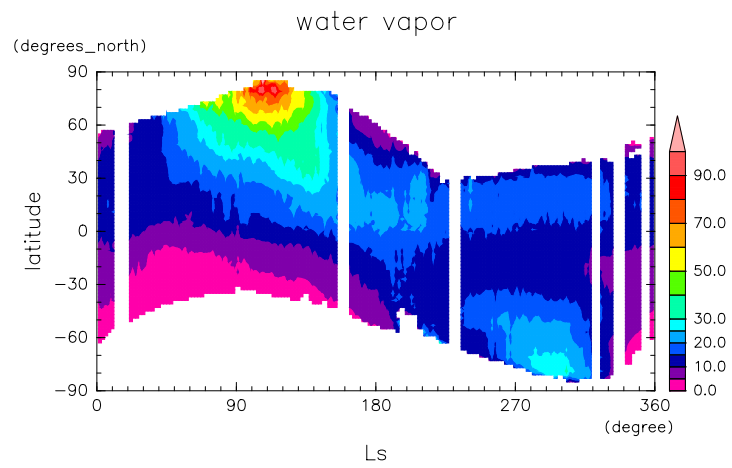
Figure 350: Column integrated water vapor observed by MGS-TES in MY25

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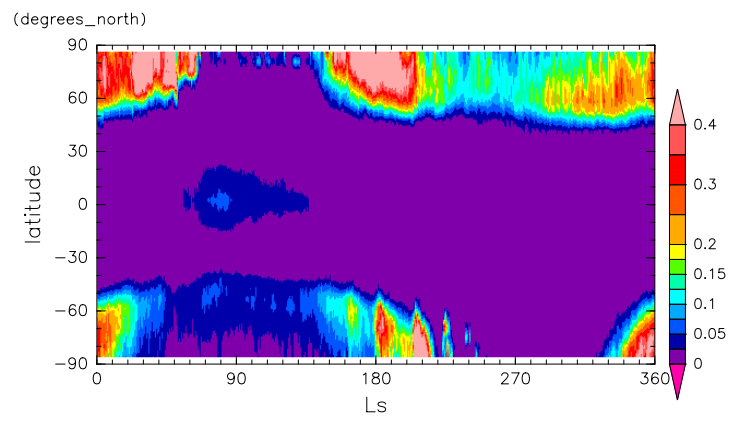
Figure 351: Optical depth of water ice by DCPAM
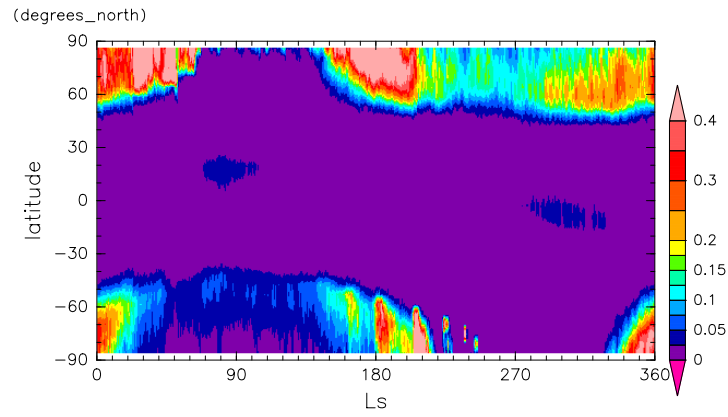
Figure 352: Optical depth of water ice by DCPAM
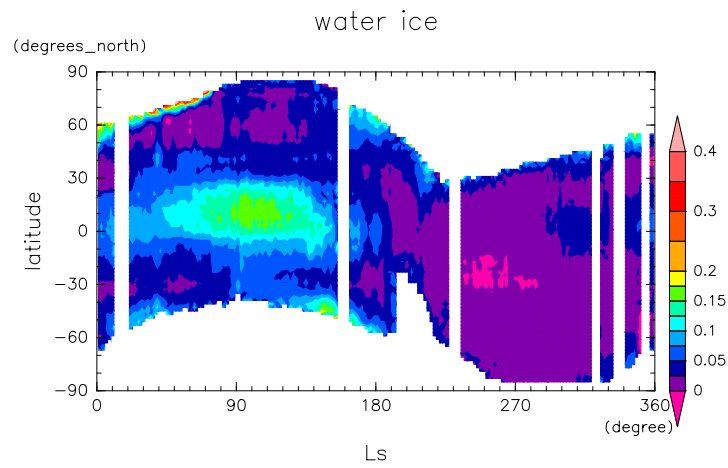
Figure 353: Optical depthof water ice observed by MGS-TES in MY25

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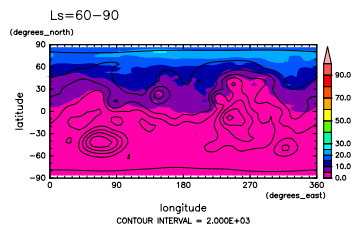
Figure 368: Prec. water at 14 LST and Ls=60°-90° by DCPAM

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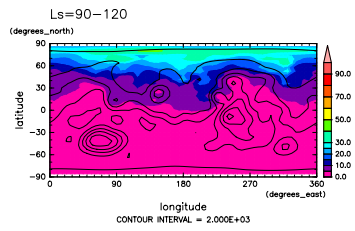
Figure 369: Prec. water at 14 LST and Ls=90°-120° by DCPAM
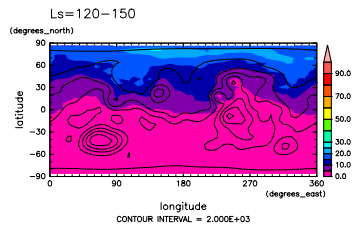
Figure 370: Prec. water at 14 LST and Ls=120°-150° by DCPAM
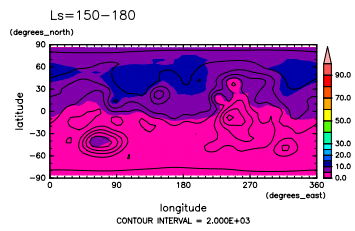
Figure 371: Prec. water at 14 LST and Ls=150°-180° by DCPAM
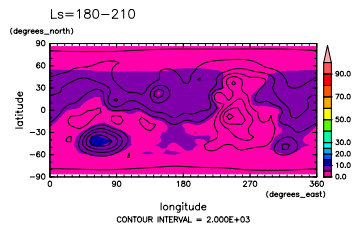
Figure 372: Prec. water at 14 LST and Ls=180°-210° by DCPAM
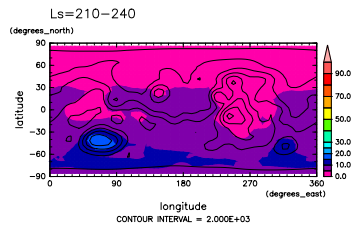
Figure 373: Prec. water at 14 LST and Ls=210°-240° by DCPAM
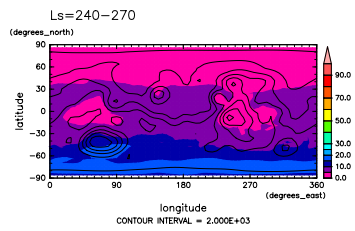
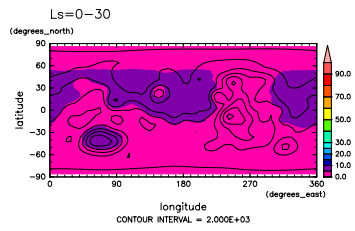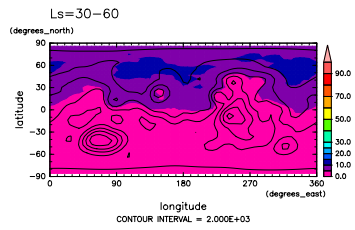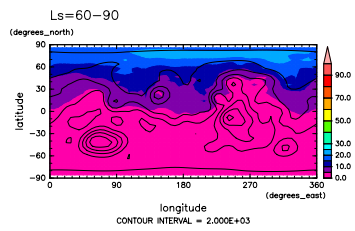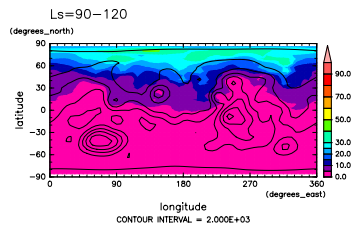Figure 374: Prec. water at 14 LST and Ls=240°-270° by DCPAM

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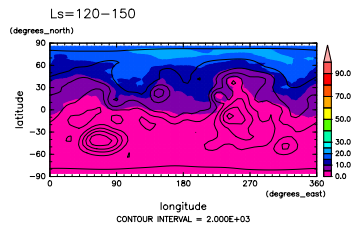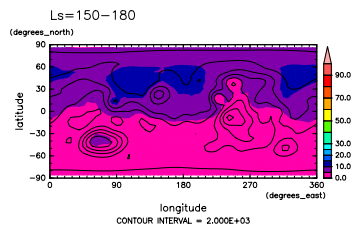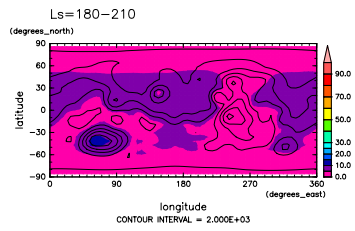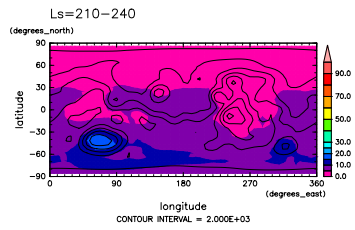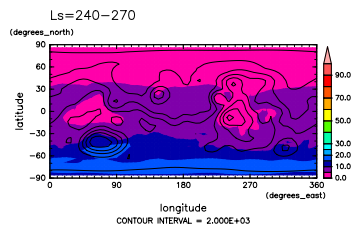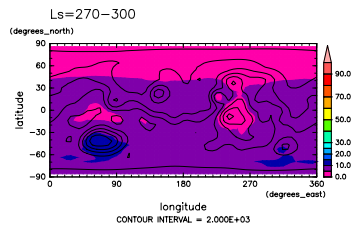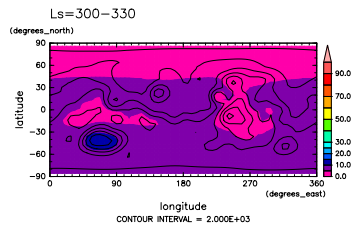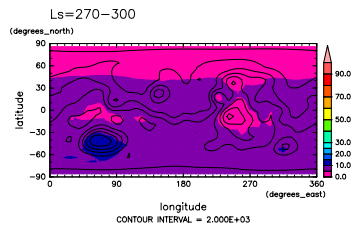
Figure 375: Prec. water at 14 LST and Ls=270°-300° by DCPAM
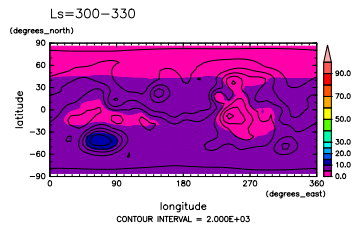
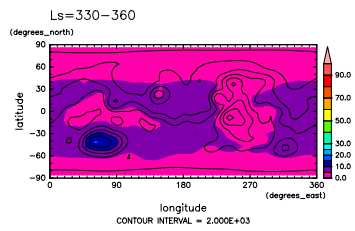Figure 376: Prec. water at 14 LST and Ls=300°-330° by DCPAM

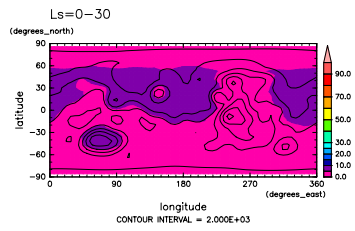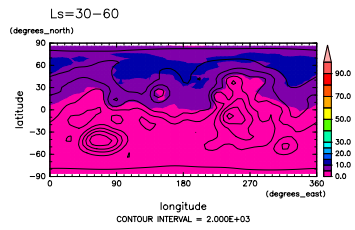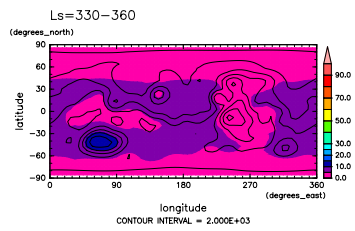Figure 377: Prec. water at 14 LST and Ls=330°-360° by DCPAM

Ls=0−30

Ls=0−30

Figure 378: H$_2$O ice cloud optical depth at 02 LST and Ls=0°-30° by DCPAM

Figure 381: H$_2$O ice cloud optical depth at 02 LST and Ls=0°-30° by MGS

Ls=30−60

Ls=30−60

Figure 379: H$_2$O ice cloud optical depth at 02 LST and Ls=30°-60° by DCPAM

Figure 382: H$_2$O ice cloud optical depth at 02 LST and Ls=30°-60° by MGS

Ls=60−90

Ls=60−90

Figure 380: H$_2$O ice cloud optical depth at 02 LST and Ls=60°-90° by DCPAM

Figure 383: H$_2$O ice cloud optical depth at 02 LST and Ls=60°-90° by MGS

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Figure 384: H$_2$O ice cloud optical depth at 02 LST and Ls=90°-120° by DCPAM

Figure 387: H$_2$O ice cloud optical depth at 02 LST and Ls=90°-120° by MGS

Figure 385: H$_2$O ice cloud optical depth at 02 LST and Ls=120°-150° by DCPAM

Figure 388: H$_2$O ice cloud optical depth at 02 LST and Ls=120°-150° by MGS

Figure 386: H$_2$O ice cloud optical depth at 02 LST and Ls=150°-180° by DCPAM

Figure 389: H$_2$O ice cloud optical depth at 02 LST and Ls=150°-180° by MGS

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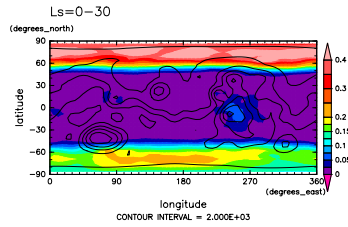Figure 390: H₂O ice cloud optical depth at 02 LST and Ls=180°-210° by DCPAM
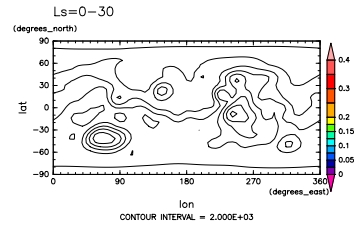

Figure 393: H₂O ice cloud optical depth at 02 LST and Ls=180°-210° by MGS

Figure 391: H₂O ice cloud optical depth at 02 LST and Ls=210°-240° by DCPAM

Figure 394: H₂O ice cloud optical depth at 02 LST and Ls=210°-240° by MGS

Figure 392: H₂O ice cloud optical depth at 02 LST and Ls=240°-270° by DCPAM

Figure 395: H₂O ice cloud optical depth at 02 LST and Ls=240°-270° by MGS

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Ls=270−300

Ls=270−300

Figure 396: H₂O ice cloud optical
depth at 02 LST and Ls=270°-300° by
DCPAM

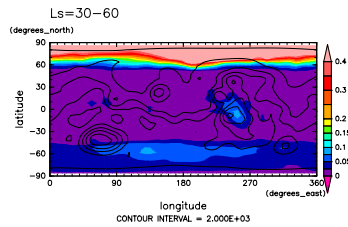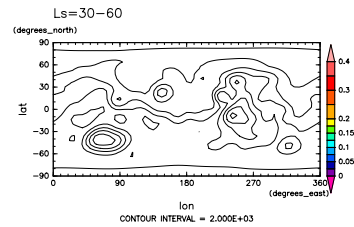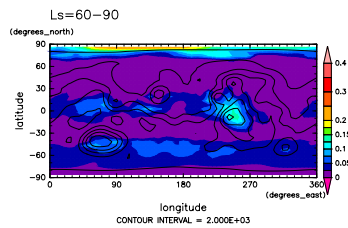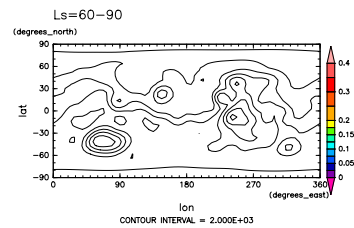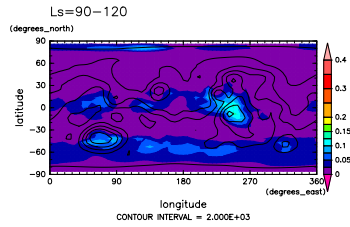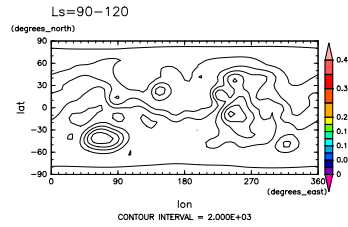Figure 399: H₂O ice cloud optical
depth at 02 LST and Ls=270°-300° by
MGS

Ls=300−330

Ls=300−330

Figure 397: H₂O ice cloud optical
depth at 02 LST and Ls=300°-330° by
DCPAM

Figure 400: H₂O ice cloud optical
depth at 02 LST and Ls=300°-330° by
MGS

Ls=330−360

Ls=330−360

Figure 398: H₂O ice cloud optical
depth at 02 LST and Ls=330°-360° by
DCPAM

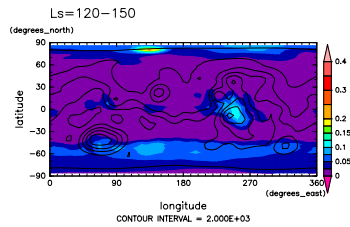Figure 401: H₂O ice cloud optical
depth at 02 LST and Ls=330°-360° by
MGS

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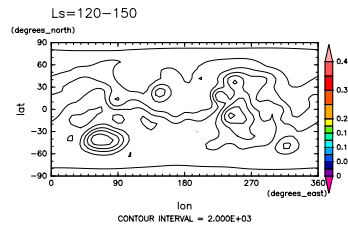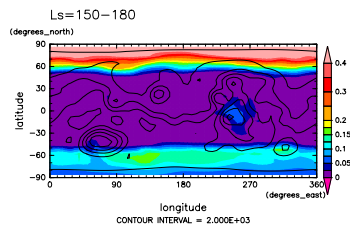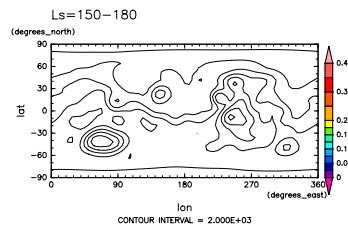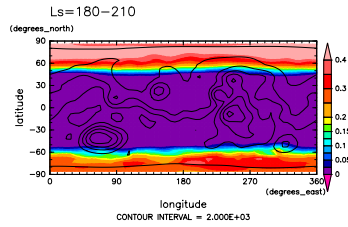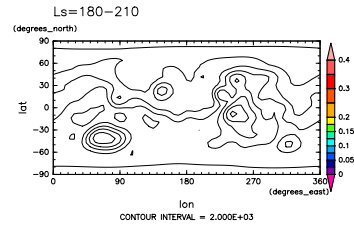Figure 402: H$_2$O ice cloud optical depth at 14 LST and Ls=0°-30° by DCPAM

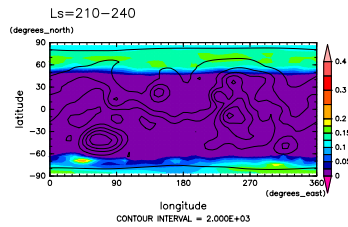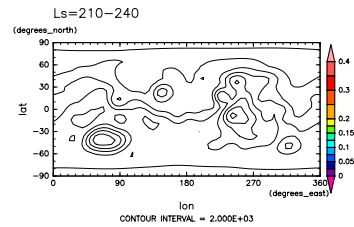Figure 405: H$_2$O ice cloud optical depth at 14 LST and Ls=0°-30° by MGS

Figure 403: H$_2$O ice cloud optical depth at 14 LST and Ls=30°-60° by DCPAM

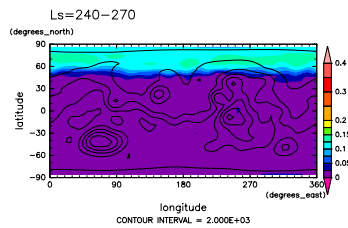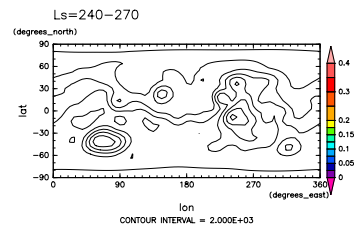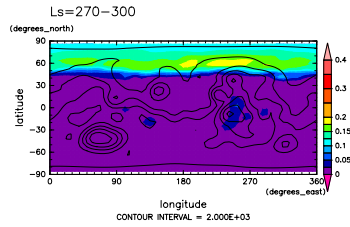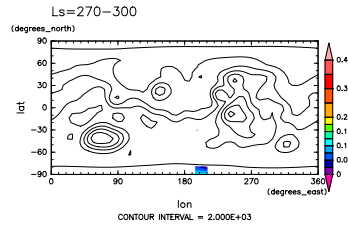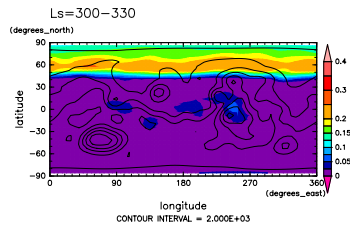Figure 406: H$_2$O ice cloud optical depth at 14 LST and Ls=30°-60° by MGS

Figure 404: H$_2$O ice cloud optical depth at 14 LST and Ls=60°-90° by DCPAM

Figure 407: H$_2$O ice cloud optical depth at 14 LST and Ls=60°-90° by MGS

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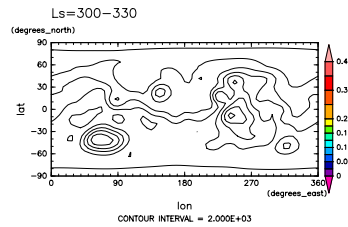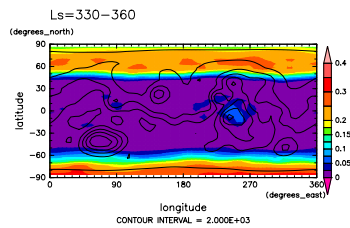Figure 408: H$_2$O ice cloud optical depth at 14 LST and Ls=90°-120° by DCPAM
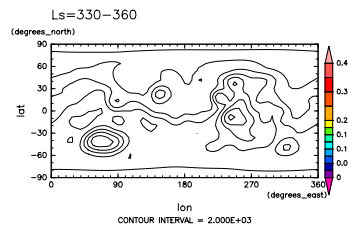

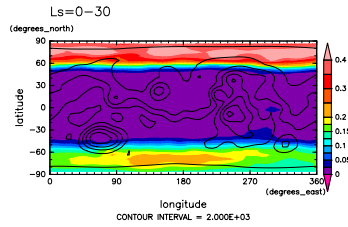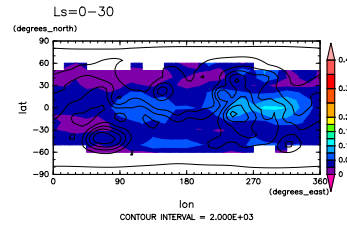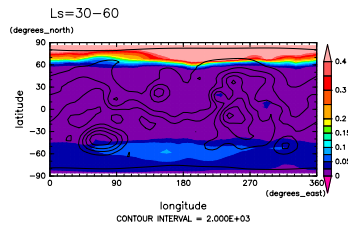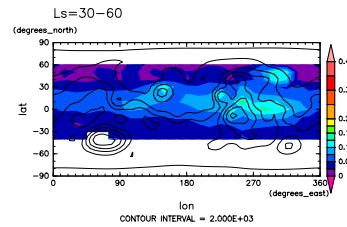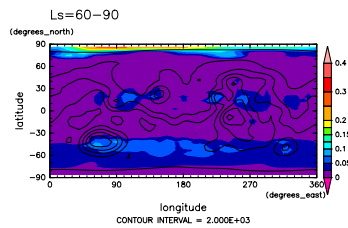Figure 411: H$_2$O ice cloud optical depth at 14 LST and Ls=90°-120° by MGS

Figure 409: H$_2$O ice cloud optical depth at 14 LST and Ls=120°-150° by DCPAM

Figure 412: H$_2$O ice cloud optical depth at 14 LST and Ls=120°-150° by MGS

Figure 410: H$_2$O ice cloud optical depth at 14 LST and Ls=150°-180° by DCPAM

Figure 413: H$_2$O ice cloud optical depth at 14 LST and Ls=150°-180° by MGS

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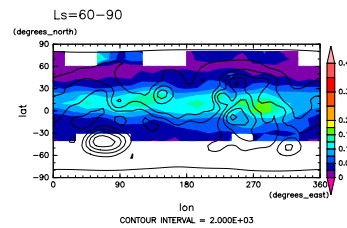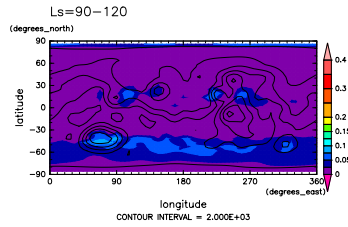Figure 414: H₂O ice cloud optical depth at 14 LST and Ls=180°-210° by DCPAM

Figure 417: H₂O ice cloud optical depth at 14 LST and Ls=180°-210° by MGS

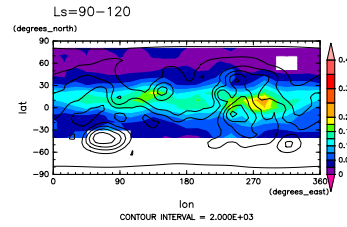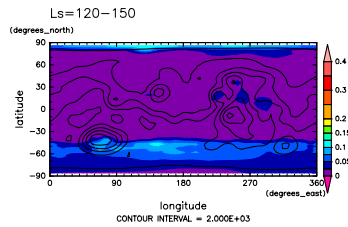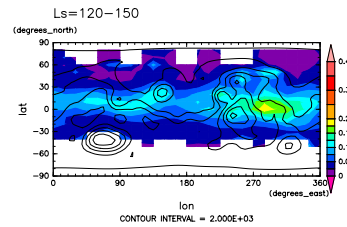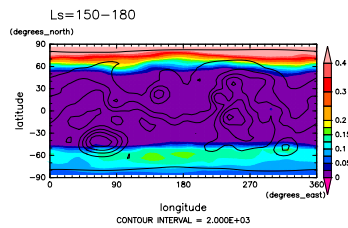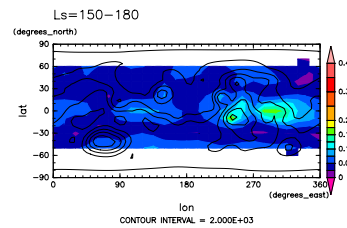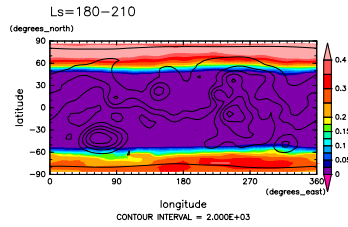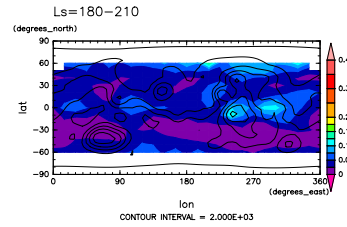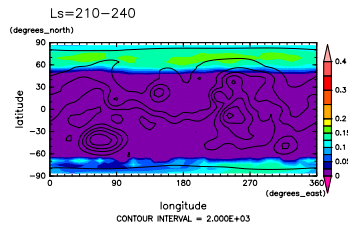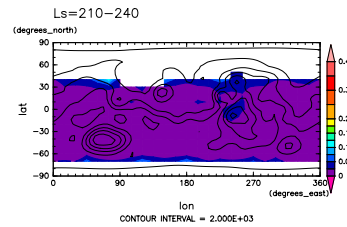Figure 415: H₂O ice cloud optical depth at 14 LST and Ls=210°-240° by DCPAM

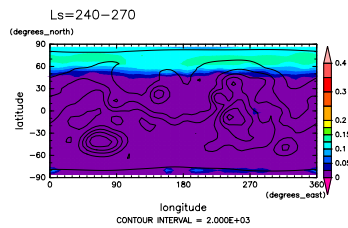Figure 418: H₂O ice cloud optical depth at 14 LST and Ls=210°-240° by MGS

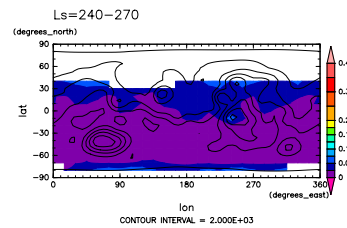Figure 416: H₂O ice cloud optical depth at 14 LST and Ls=240°-270° by DCPAM

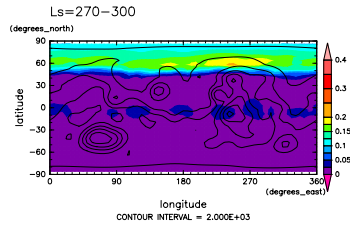Figure 419: H₂O ice cloud optical depth at 14 LST and Ls=240°-270° by MGS

Figure 420: H₂O ice cloud optical depth at 14 LST and Ls=270°-300° by DCPAM
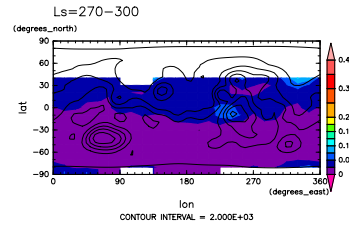

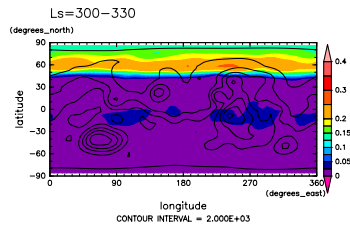Figure 423: H₂O ice cloud optical depth at 14 LST and Ls=270°-300° by MGS

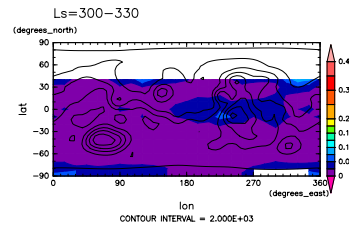Figure 421: H₂O ice cloud optical depth at 14 LST and Ls=300°-330° by DCPAM

Figure 424: H₂O ice cloud optical depth at 14 LST and Ls=300°-330° by MGS
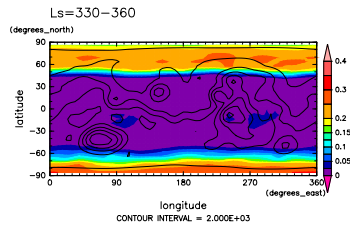

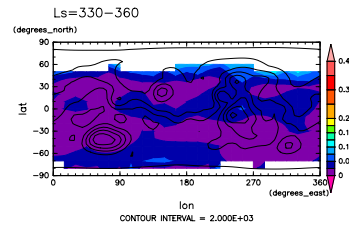Figure 422: H₂O ice cloud optical depth at 14 LST and Ls=330°-360° by DCPAM

Figure 425: H₂O ice cloud optical depth at 14 LST and Ls=330°-360° by MGS
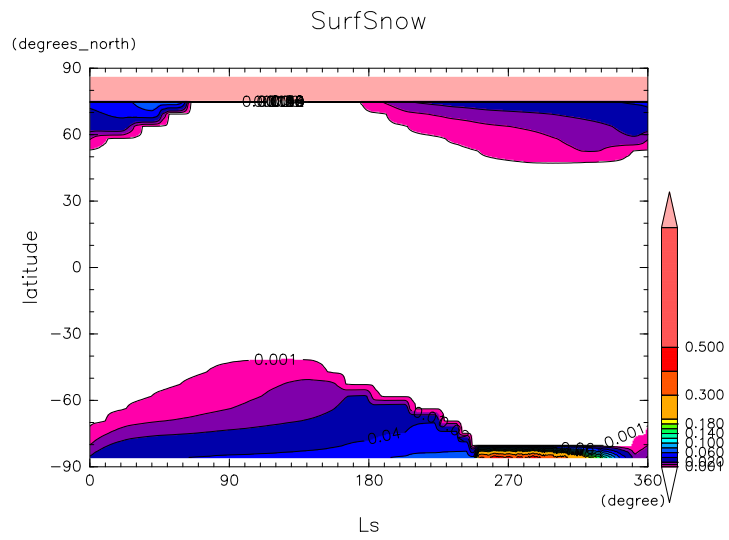
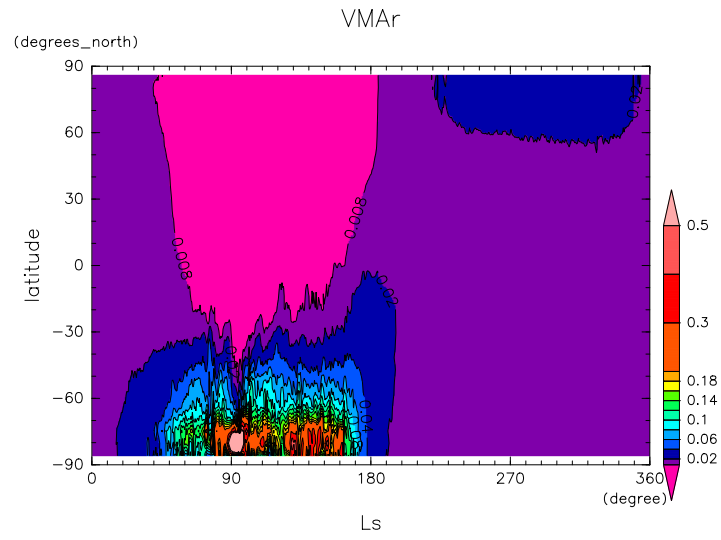Figure 426: Snow on the ground by DCPAM

Figure 427: Column mean argon mass mixing ratio by DCPAM
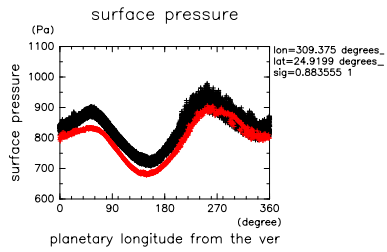
Figure 428: Surface pressure at Viking lander 1 site by DCPAM (black) and observation (diurnal mean, red)
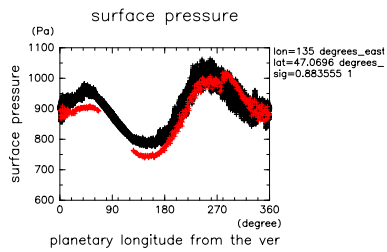

Figure 429: Surface pressure at Viking lander 2 site by DCPAM (black) and observation (diurnal mean, red)
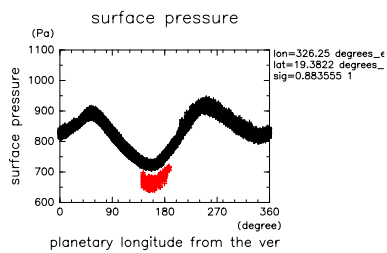

Figure 430: Surface pressure at Mars Pathfinder site by DCPAM (black) and observation (red)
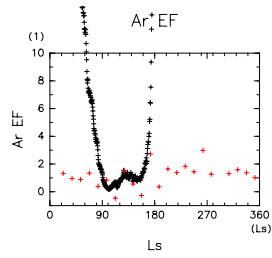
Figure 431: Argon enhancement factor from 75°N to 90°N by DCPAM (black) and observation (red). Observed value is obtained from Figure 1 of Lian et al. (2012).
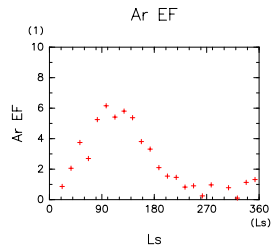

Figure 432: Argon enhancement factor from 75°S to 90°S by DCPAM (black) and observation (red). Observed value is obtained from Figure 1 of Lian et al. (2012).

Value at (lon,lat,Ls)=(134.3,48.0,1575)=0.0002556895778980106 : 0.0145