Figures

Some results of DCPAM are compared with $\mathrm{MGS^{1}\text{-}TES^{2}}$ and $\mathrm{MRO^{3}\text{-}MCS^{4}}$ data.

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

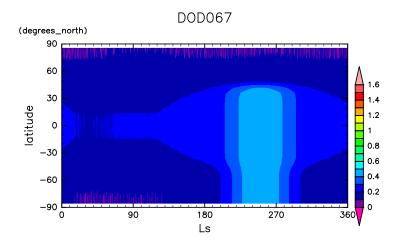


Figure 1: Daily mean dust optical depth prescribed in DCPAM

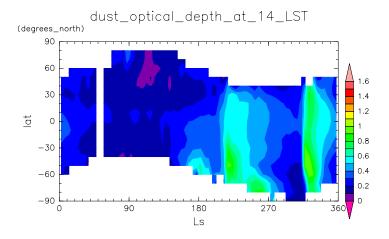


Figure 2: Double of dust optical depth observed by MGS-TES in MY26 $\,$

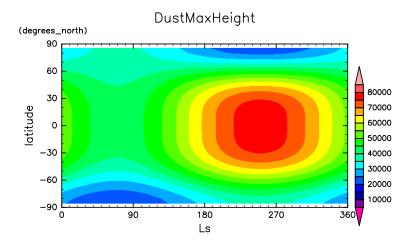
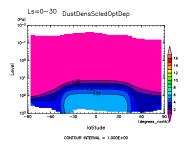


Figure 3: Daily mean maximum height of dust distribution prescribed in DC-PAM $\,$

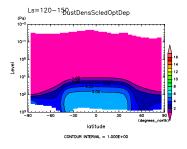


Ls=90-12@ustDensScledOptDep Level latitude CONTOUR INTERVAL = 1.000E+00

 $\label{eq:Figure 4: DustDensScledOptDep at Figure 7: DustDensScledOptDep at } Figure \ \ 7: \ DustDensScledOptDep \ \ at \\$ $L_s=0^{\circ}-30^{\circ}$ by DCPAM

Ls=30-60 DustDensSciedOptDep Level

 $L_s=90^{\circ}-120^{\circ}$ by DCPAM



 $\dot{L_{\rm s}=30^{\circ}\text{--}60^{\circ}}$ by DCPAM

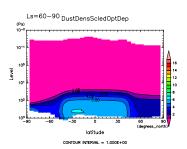


Figure 5: DustDensScledOptDep at Figure 8: DustDensScledOptDep at $\rm L_s{=}120^{\circ}{-}150^{\circ}$ by DCPAM

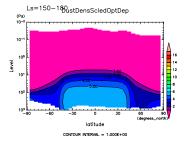
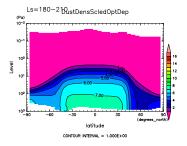
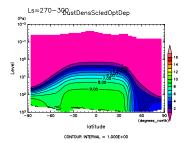


Figure 6: DustDensScledOptDep at Figure 9: DustDensScledOptDep at L_s =60°-90° by DCPAM

 $\rm L_s{=}150^{\circ}{-}180^{\circ}$ by DCPAM

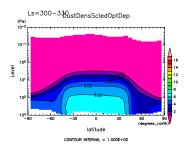




 $L_s=180^{\circ}-210^{\circ}$ by DCPAM

Ls=210-24QustDensScledOptDep Level

 $\label{eq:Figure 10: DustDensScledOptDep at Figure 13: DustDensScledOptDep at } Figure \ 13: \ DustDensScledOptDep \ at \\$ $L_s=270^{\circ}-300^{\circ}$ by DCPAM



 L_s =210°-240° by DCPAM

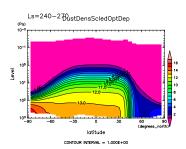


Figure 11: DustDensScledOptDep at Figure 14: DustDensScledOptDep at $L_s=300^{\circ}-330^{\circ}$ by DCPAM

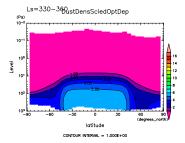
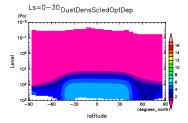
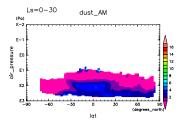


Figure 12: DustDensScledOptDep at Figure 15: DustDensScledOptDep at L_s =240°-270° by DCPAM

 $\rm L_s{=}330^\circ{-}360^\circ$ by DCPAM



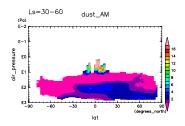


03 LST and $Ls=0^{\circ}-30^{\circ}$ by DCPAM

Ls=30-6@ustDensScledOptDep Level

latitude

 $\label{eq:Figure 16:DustDensScledOptDep at Figure 19:DustDensScledOptDep at Figure 19:DustDensScl$ 03 LST and $\text{Ls}=0^{\circ}\text{-}30^{\circ}$ by MRO



03 LST and Ls=30°-60° by DCPAM

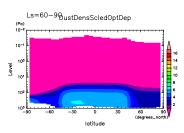


Figure 17: DustDensScledOptDep at Figure 20: DustDensScledOptDep at 03 LST and Ls=30°-60° by MRO

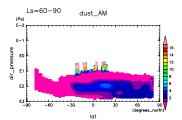
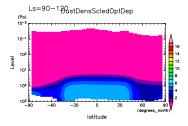
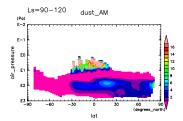


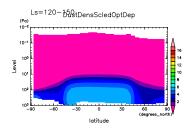
Figure 18: DustDensScledOptDep at Figure 21: DustDensScledOptDep at 03 LST and $Ls=60^{\circ}-90^{\circ}$ by DCPAM

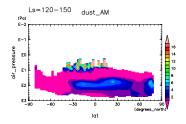
03 LST and Ls=60°-90° by MRO





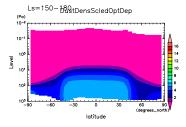
 $\label{eq:Figure 22: DustDensScledOptDep at Figure 25: DustDensScledOptDep at } Figure \ 25: \ DustDensScledOptDep \ at \\$ 03 LST and Ls=90°-120° by DCPAM 03 LST and Ls=90°-120° by MRO

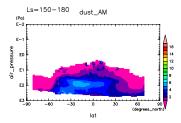




 $03 \, \mathrm{LST}$ and $\mathrm{Ls} = 120^{\circ} - 150^{\circ}$ by DCPAM $03 \, \mathrm{LST}$ and $\mathrm{Ls} = 120^{\circ} - 150^{\circ}$ by MRO

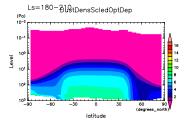
Figure 23: DustDensScledOptDep at Figure 26: DustDensScledOptDep at

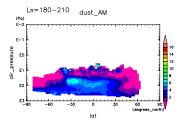




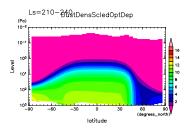
 $03\,\mathrm{LST}$ and Ls=150°-180° by DCPAM $~03~\mathrm{LST}$ and Ls=150°-180° by MRO

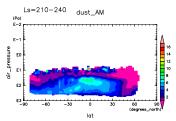
Figure 24: DustDensScledOptDep at Figure 27: DustDensScledOptDep at





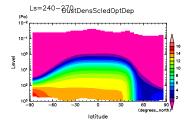
 $\label{eq:Figure 28: DustDensScledOptDep at Figure 31: DustDensScledOptDep at } Figure \ 31: \ DustDensScledOptDep \ at \\$ 03 LST and $Ls=180^{\circ}\text{-}210^{\circ}$ by DCPAM 03 LST and $Ls=180^{\circ}\text{-}210^{\circ}$ by MRO





 $03~\mathrm{LST}$ and Ls=210°-240° by DCPAM $~03~\mathrm{LST}$ and Ls=210°-240° by MRO

Figure 29: DustDensScledOptDep at Figure 32: DustDensScledOptDep at



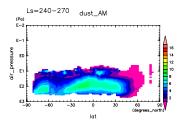
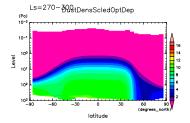


Figure 30: DustDensScledOptDep at Figure 33: DustDensScledOptDep at $03\,\mathrm{LST}$ and Ls=240°-270° by DCPAM $~03~\mathrm{LST}$ and Ls=240°-270° by MRO



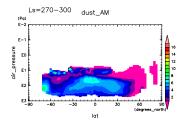
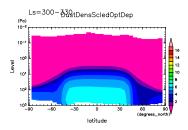
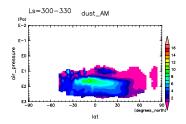


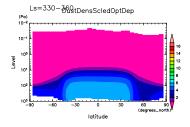
Figure 34: DustDensScledOptDep at Figure 37: DustDensScledOptDep at 03 LST and $Ls=270^{\circ}-300^{\circ}$ by DCPAM 03 LST and $Ls=270^{\circ}-300^{\circ}$ by MRO





03 LST and $Ls=300^{\circ}\text{-}330^{\circ}$ by DCPAM 03 LST and $Ls=300^{\circ}\text{-}330^{\circ}$ by MRO

Figure 35: DustDensScledOptDep at Figure 38: DustDensScledOptDep at



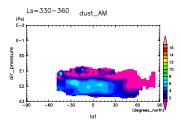
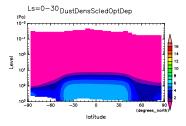
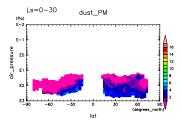


Figure 36: DustDensScledOptDep at Figure 39: DustDensScledOptDep at $03\,\mathrm{LST}$ and Ls=330°-360° by DCPAM $~03~\mathrm{LST}$ and Ls=330°-360° by MRO

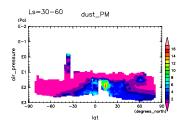




 $\label{eq:Figure 40: DustDensScledOptDep at Figure 43: DustDensScledOptDep at } Figure \ 43: \ DustDensScledOptDep \ at \\$ 15 LST and Ls= 0° - 30° by DCPAM

Ls=30-6@ustDensScledOptDep Level latitude

15 LST and Ls= 0° - 30° by MRO



15 LST and Ls=30°-60° by DCPAM

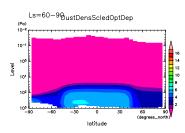


Figure 41: DustDensScledOptDep at Figure 44: DustDensScledOptDep at 15 LST and Ls= 30° - 60° by MRO

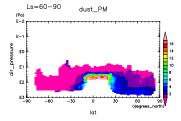
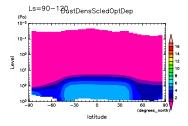


Figure 42: DustDensScledOptDep at Figure 45: DustDensScledOptDep at 15 LST and Ls= 60° - 90° by DCPAM

15 LST and Ls= 60° - 90° by MRO



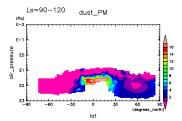
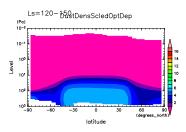
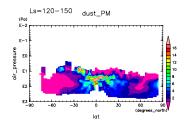


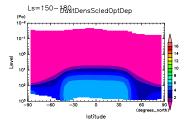
Figure 46: DustDensScledOptDep at Figure 49: DustDensScledOptDep at 15 LST and Ls= 90° - 120° by DCPAM 15 LST and Ls= 90° - 120° by MRO





 $15\,\mathrm{LST}$ and Ls=120°-150° by DCPAM $\,$ 15 LST and Ls=120°-150° by MRO

Figure 47: DustDensScledOptDep at Figure 50: DustDensScledOptDep at



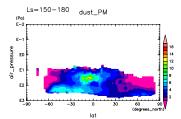
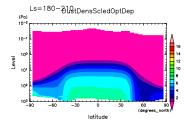
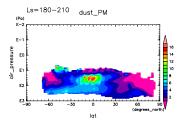
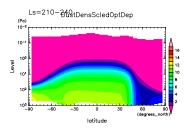


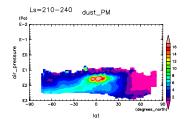
Figure 48: DustDensScledOptDep at Figure 51: DustDensScledOptDep at $15\,\mathrm{LST}$ and Ls=150°-180° by DCPAM $\,$ 15 LST and Ls=150°-180° by MRO





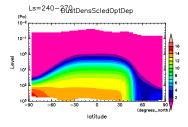
 $Figure \ 52: \ DustDensScledOptDep \ at \quad Figure \ 55: \ DustDensScledOptDep \ at$ 15 LST and $\text{Ls}=180^{\circ}\text{-}210^{\circ}$ by DCPAM 15 LST and $\text{Ls}=180^{\circ}\text{-}210^{\circ}$ by MRO





 $15\,\mathrm{LST}$ and Ls=210°-240° by DCPAM $~15~\mathrm{LST}$ and Ls=210°-240° by MRO

Figure 53: DustDensScledOptDep at Figure 56: DustDensScledOptDep at



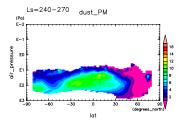
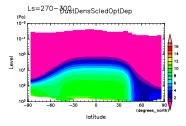
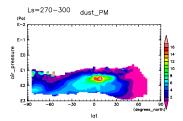
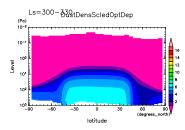


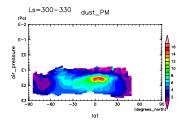
Figure 54: DustDensScledOptDep at Figure 57: DustDensScledOptDep at $15\,\mathrm{LST}$ and Ls=240°-270° by DCPAM $~15~\mathrm{LST}$ and Ls=240°-270° by MRO





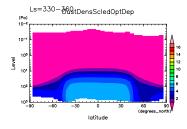
 $Figure \ 58: \ DustDensScledOptDep \ at \quad Figure \ 61: \ DustDensScledOptDep \ at$ 15 LST and $Ls=270^{\circ}-300^{\circ}$ by DCPAM 15 LST and $Ls=270^{\circ}-300^{\circ}$ by MRO





 $15\,\mathrm{LST}$ and Ls=300°-330° by DCPAM $~15~\mathrm{LST}$ and Ls=300°-330° by MRO

Figure 59: DustDensScledOptDep at Figure 62: DustDensScledOptDep at



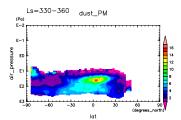
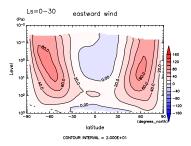
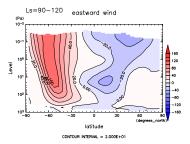


Figure 60: DustDensScledOptDep at Figure 63: DustDensScledOptDep at $15\,\mathrm{LST}$ and Ls=330°-360° by DCPAM $\,$ 15 LST and Ls=330°-360° by MRO





 PAM

Ls=30-60 latitude CONTOUR INTERVAL = 2.000E+01

Figure 64: U at $L_s=0^{\circ}-30^{\circ}$ by DC- Figure 67: U at $L_s=90^{\circ}-120^{\circ}$ by DC- $\stackrel{\smile}{\mathrm{PAM}}$

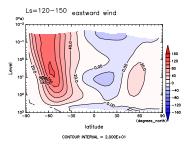


Figure 65: U at L_s=30°-60° by DC-PAM

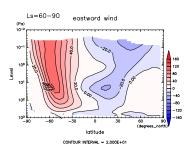
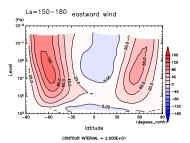
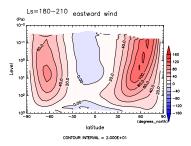


Figure 68: U at L_s=120°–150° by DC-PAM



 PAM

Figure 66: U at $L_s=60^{\circ}-90^{\circ}$ by DC- Figure 69: U at $L_s=150^{\circ}-180^{\circ}$ by DC-PAM



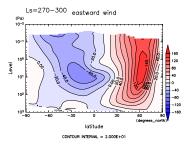


Figure 70: U at $L_s=180^{\circ}-210^{\circ}$ by DC-PAM

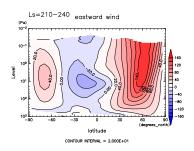


Figure 73: U at $L_s=270^{\circ}-300^{\circ}$ by DC- $\stackrel{\smile}{\mathrm{PAM}}$

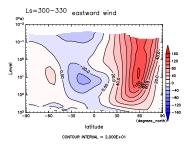


Figure 71: U at L_s=210°–240° by DC-PAM

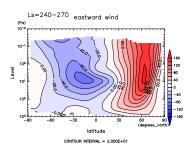


Figure 74: U at L_s=300°–330° by DC-PAM

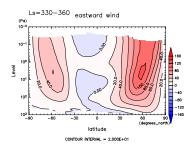
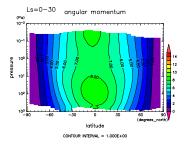


Figure 72: U at $L_s=240^{\circ}-270^{\circ}$ by DC- Figure 75: U at $L_s=330^{\circ}-360^{\circ}$ by DC- PAM

PAM



LS=90-120 angular momentum

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

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

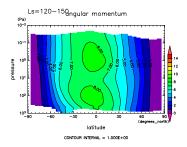


Figure 77: ANGMOM at L_s=30°–60° by DCPAM

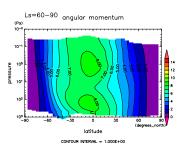


Figure 80: ANGMOM at $L_s{=}120^\circ{-}150^\circ$ by DCPAM

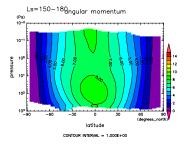
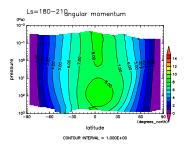


Figure 78: ANGMOM at Ls=60°–90° by DCPAM

Figure 81: ANGMOM at $L_{\rm s}{=}150^{\circ}{-}180^{\circ}$ by DCPAM

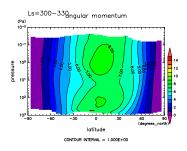


Ls=270-30Qngular momentum latitude CONTOUR INTERVAL = 1.000E+00

 210° by DCPAM

Ls=210-24Qngular momentum

Figure 82: ANGMOM at $L_s=180^{\circ}-$ Figure 85: ANGMOM at $L_s=270^{\circ} 300^{\circ}$ by DCPAM



 240° by DCPAM

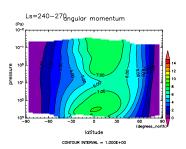
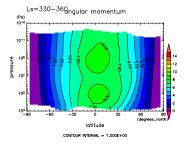
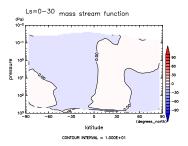


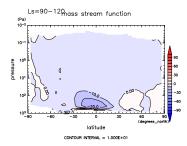
Figure 83: ANGMOM at $\rm L_s{=}210^{\circ}{-}$ Figure 86: ANGMOM at $\rm L_s{=}300^{\circ}{-}$ 330° by DCPAM



 270° by DCPAM

Figure 84: ANGMOM at L_s =240°- Figure 87: ANGMOM at L_s =330°- 360° by DCPAM

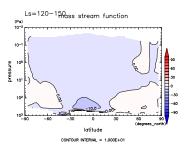




 PAM

Ls=30-60_{mass} stream function latitude CONTOUR INTERVAL = 1.000E+01

Figure 88: MSF at $L_s=0^{\circ}-30^{\circ}$ by DC- Figure 91: MSF at $L_s=90^{\circ}-120^{\circ}$ by DCPAM



 DCPAM

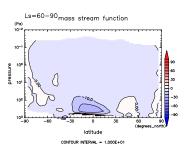


Figure 89: MSF at $\rm L_s{=}30^\circ{-}60^\circ$ by Figure 92: MSF at $\rm L_s{=}120^\circ{-}150^\circ$ by DCPAM

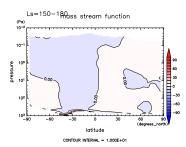
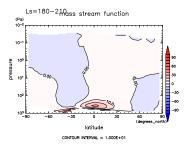
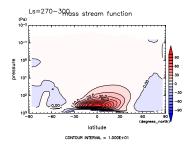


Figure 90: MSF at $L_s=60^{\circ}-90^{\circ}$ by Figure 93: MSF at $L_s=150^{\circ}-180^{\circ}$ by DCPAM

DCPAM

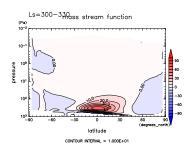




 DCPAM

Ls=210-240 stream function latitude CONTOUR INTERVAL = 1.000E+01

Figure 94: MSF at $L_s=180^{\circ}-210^{\circ}$ by Figure 97: MSF at $L_s=270^{\circ}-300^{\circ}$ by DCPAM



 DCPAM

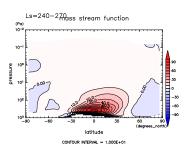


Figure 95: MSF at L_s=210°-240° by $\,$ Figure 98: MSF at L_s=300°-330° by DCPAM

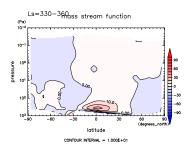
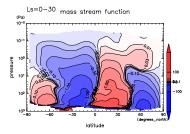
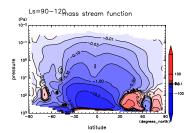


Figure 96: MSF at $L_s=240^{\circ}-270^{\circ}$ by Figure 99: MSF at $L_s=330^{\circ}-360^{\circ}$ by DCPAM

DCPAM

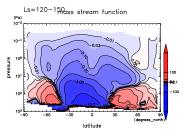




 DCPAM

Ls=30-60_{mass} stream function

Figure 100: MSF at $\rm L_s{=}0^\circ{-}30^\circ$ by \rm Figure 103: MSF at $\rm L_s{=}90^\circ{-}120^\circ$ by $\widetilde{\mathrm{DCPAM}}$



 $\overline{\text{DCPAM}}$

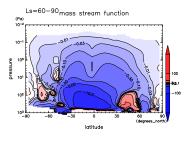
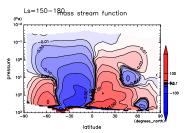
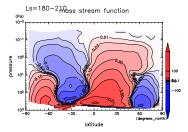


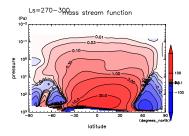
Figure 101: MSF at L_s=30°–60° by $\,$ Figure 104: MSF at L_s=120°–150° by DCPAM



DCPAM

Figure 102: MSF at L_s =60°-90° by Figure 105: MSF at L_s =150°-180° by DCPAM

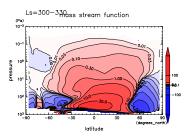




 DCPAM

Ls=210-240 stream function latitude

Figure 106: MSF at $L_s=180^{\circ}-210^{\circ}$ by Figure 109: MSF at $L_s=270^{\circ}-300^{\circ}$ by DCPAM



 $\overline{\text{DCPAM}}$

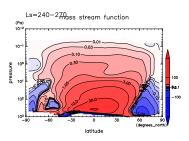
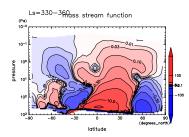
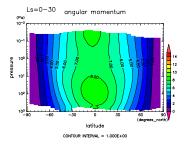


Figure 107: MSF at L_s=210°–240° by $\,$ Figure 110: MSF at L_s=300°–330° by DCPAM



DCPAM

Figure 108: MSF at L_s=240°–270° by $\,$ Figure 111: MSF at L_s=330°–360° by DCPAM



Ls=0-30 mass stream function latitude CONTOUR INTERVAL = 1.000E+01

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

Ls=30-60 angular momentum

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

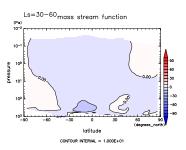


Figure 113: ANGMOM at $L_s=30^{\circ} 60^{\circ}$ by DCPAM

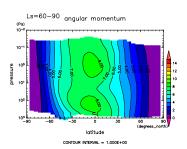


Figure 116: MSF at $L_s=30^{\circ}-60^{\circ}$ by DCPAM

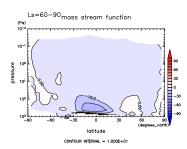
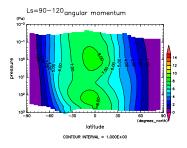


Figure 114: ANGMOM at $\rm L_s{=}60^\circ{-}$ Figure 117: MSF at $\rm L_s{=}60^\circ{-}90^\circ$ by 90° by DCPAM

DCPAM



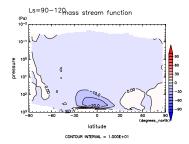


Figure 118: ANGMOM at $L_{\rm s}{=}90^{\circ}{-}$ 120° by DCPAM

Ls=120-15Qngular momentum

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

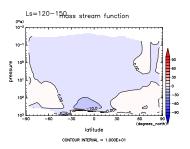


Figure 119: ANGMOM at $L_{\rm s}{=}120^{\circ}{-}$ 150° by DCPAM

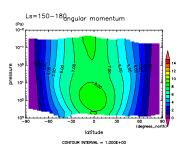


Figure 122: MSF at $L_{\rm s}{=}120^{\circ}{-}150^{\circ}$ by DCPAM

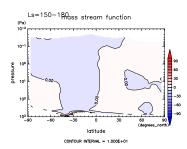
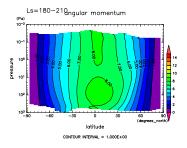


Figure 120: ANGMOM at $\rm L_s{=}150^{\circ}{-}~$ Figure 123: MSF at $\rm L_s{=}150^{\circ}{-}180^{\circ}$ by 180° by DCPAM

DCPAM



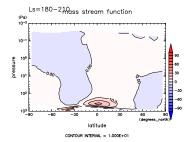


Figure 124: ANGMOM at $L_s{=}180^{\circ}{-}$ 210° by DCPAM

Ls=210-24Qngular momentum

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

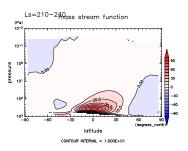


Figure 125: ANGMOM at $L_s=210^{\circ} 240^{\circ}$ by DCPAM

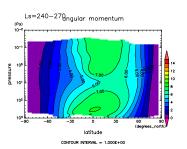


Figure 128: MSF at $L_{\rm s}{=}210^{\circ}{-}240^{\circ}$ by DCPAM

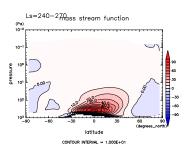
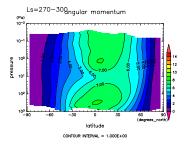


Figure 126: ANGMOM at $\rm L_s{=}240^{\circ}{-}~$ Figure 129: MSF at $\rm L_s{=}240^{\circ}{-}270^{\circ}$ by 270° by DCPAM

DCPAM



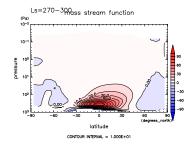


Figure 130: ANGMOM at L_s =270°- 300° by DCPAM

Ls=300-33Qngular momentum

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

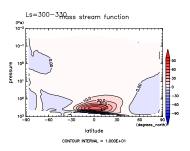


Figure 131: ANGMOM at $L_s=300^{\circ} 330^{\circ}$ by DCPAM

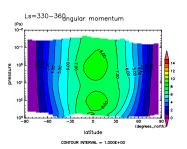


Figure 134: MSF at $L_s=300^{\circ}-330^{\circ}$ by DCPAM

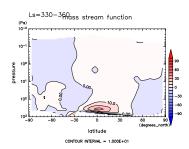
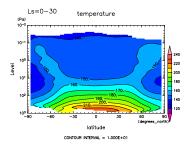
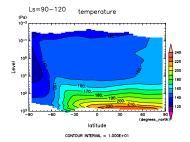


Figure 132: ANGMOM at $\rm L_s{=}330^\circ{-}$ Figure 135: MSF at $\rm L_s{=}330^\circ{-}360^\circ$ by 360° by DCPAM

DCPAM

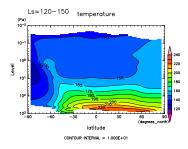




 DCPAM

Ls=30-60 temperature latitude CONTOUR INTERVAL = 1.000E+01

Figure 136: Temp at $L_s=0^{\circ}-30^{\circ}$ by Figure 139: Temp at $L_s=90^{\circ}-120^{\circ}$ by DCPAM



 DCPAM

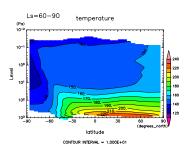


Figure 137: Temp at L_s=30°–60° by $\,$ Figure 140: Temp at L_s=120°–150° by DCPAM

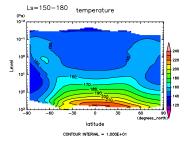
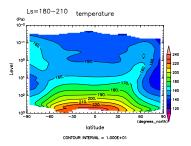
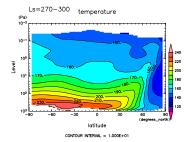


Figure 138: Temp at $L_s=60^{\circ}-90^{\circ}$ by Figure 141: Temp at $L_s=150^{\circ}-180^{\circ}$ by DCPAM

DCPAM

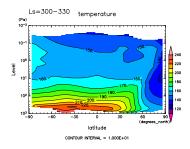




 DCPAM

Ls=210-240 temperature latitude CONTOUR INTERVAL = 1.000E+01

Figure 142: Temp at $L_s=180^{\circ}-210^{\circ}$ by Figure 145: Temp at $L_s=270^{\circ}-300^{\circ}$ by DCPAM



 DCPAM

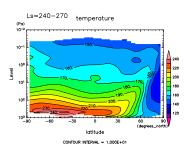


Figure 143: Temp at L_s=210°–240° by $\,$ Figure 146: Temp at L_s=300°–330° by DCPAM

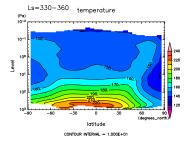
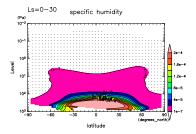


Figure 144: Temp at L_s =240°-270° by Figure 147: Temp at L_s =330°-360° by DCPAM

DCPAM



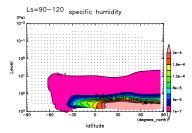


Figure 148: QH2OVap at $\rm L_s{=}0^\circ{-}30^\circ$ by DCPAM

Figure 151: QH2OVap at $\rm L_s{=}90^\circ{-}120^\circ$ by DCPAM

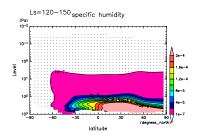


Figure 149: QH2OVap at L_s=30°–60° by DCPAM

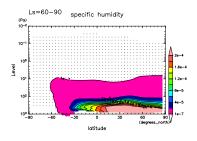


Figure 152: QH2OVap at L_s=120°–150° by DCPAM

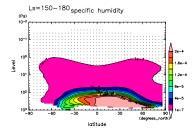
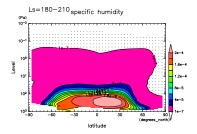
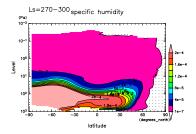


Figure 150: QH2OVap at L_s=60°–90° by DCPAM

Figure 153: QH2OVap at L_s=150°– 180° by DCPAM

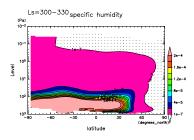




 210° by DCPAM

Ls=210-240 specific humidity Level

Figure 154: QH2OVap at L_s=180°– Figure 157: QH2OVap at L_s=270°– 300° by DCPAM



 240° by DCPAM

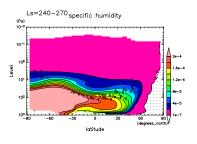


Figure 155: QH2OVap at L_s=210°– Figure 158: QH2OVap at L_s=300°– 330° by DCPAM

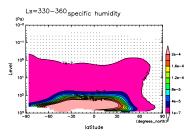
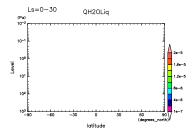


Figure 156: QH2OVap at L_s =240°- Figure 159: QH2OVap at L_s =330°- 270° by DCPAM

 360° by DCPAM



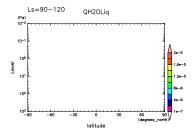


Figure 160: QH2OLiq at L_s=0°–30° by DCPAM

Figure 163: QH2OLiq at L_s=90°–120° by DCPAM

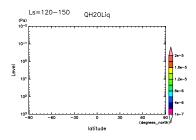


Figure 161: QH2OLiq at L_s=30°–60° by DCPAM

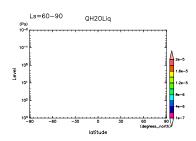


Figure 164: QH2OLiq at L_s=120°–150° by DCPAM

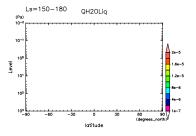
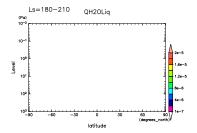
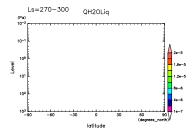


Figure 162: QH2OLiq at L_s=60°–90° by DCPAM

Figure 165: QH2OLiq at $\rm L_s{=}150^\circ{-}180^\circ$ by DCPAM

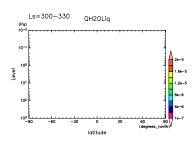




 210° by DCPAM

Ls=210-240 QH2OLiq Level

Figure 166: QH2OLiq at L_s=180°– Figure 169: QH2OLiq at L_s=270°– 300° by DCPAM



 240° by DCPAM

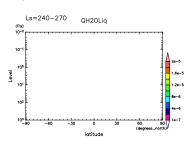


Figure 167: QH2OLiq at L_s=210°– Figure 170: QH2OLiq at L_s=300°– 330° by DCPAM

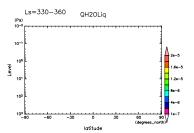
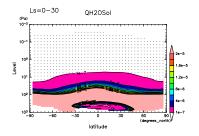


Figure 168: QH2OLiq at L_s =240°- Figure 171: QH2OLiq at L_s =330°- 270° by DCPAM

 360° by DCPAM



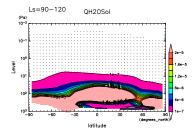


Figure 172: QH2OSol at $\rm L_s{=}0^\circ{-}30^\circ$ by DCPAM

Ls=30-60 QH2OSol

Figure 175: QH2OSol at L_s=90°–120° by DCPAM

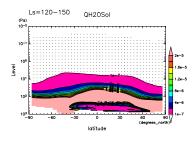


Figure 173: QH2OSol at L_s=30°–60° by DCPAM

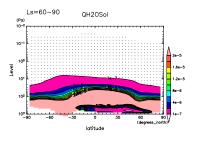


Figure 176: QH2OSol at L_s=120°–150° by DCPAM

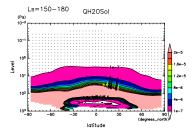
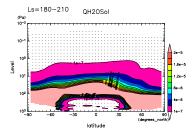
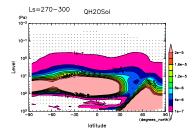


Figure 174: QH2OSol at L_s=60°–90° by DCPAM

Figure 177: QH2OSol at $\rm L_s{=}150^\circ{-}180^\circ$ by DCPAM

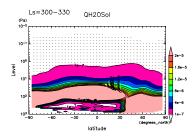




 210° by DCPAM

Ls=210-240 QH20Sol

Figure 178: QH2OSol at L_s=180°– Figure 181: QH2OSol at L_s=270°– 300° by DCPAM



 240° by DCPAM

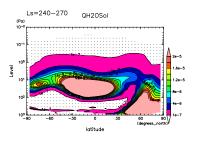


Figure 179: QH2OSol at L_s=210°– Figure 182: QH2OSol at L_s=300°– 330° by DCPAM

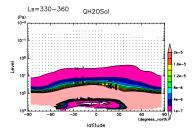
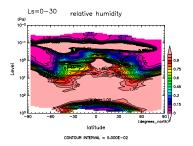
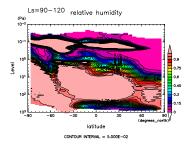


Figure 180: QH2OSol at $\rm L_s{=}240^{\circ}{-}$ Figure 183: QH2OSol at $\rm L_s{=}330^{\circ}{-}$ 270° by DCPAM

 360° by DCPAM

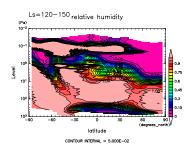




 PAM

Ls=30-60 relative humidity latitude CONTOUR INTERVAL = 5.000E-02

Figure 184: RH at $L_s=0^{\circ}-30^{\circ}$ by DC- Figure 187: RH at $L_s=90^{\circ}-120^{\circ}$ by DCPAM



 DCPAM

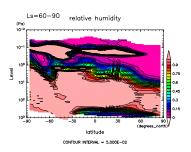


Figure 185: RH at $\rm L_s{=}30^\circ{-}60^\circ$ by Figure 188: RH at $\rm L_s{=}120^\circ{-}150^\circ$ by DCPAM

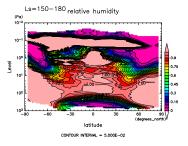
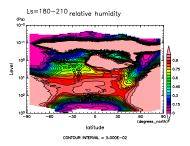
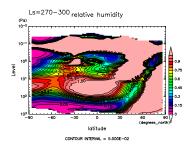


Figure 186: RH at $L_s=60^{\circ}-90^{\circ}$ by Figure 189: RH at $L_s=150^{\circ}-180^{\circ}$ by DCPAM

DCPAM

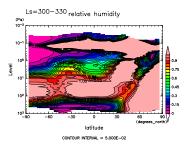




 DCPAM

Ls=210-240 relative humidity latitude CONTOUR INTERVAL = 5.000E-02

Figure 190: RH at $L_s=180^{\circ}-210^{\circ}$ by Figure 193: RH at $L_s=270^{\circ}-300^{\circ}$ by DCPAM



 $\overline{\text{DCPAM}}$

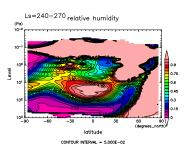
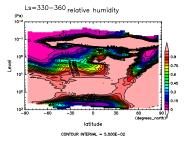
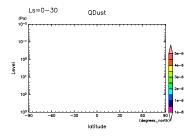


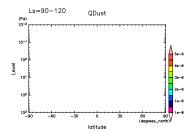
Figure 191: RH at Ls=210°-240° by $\,$ Figure 194: RH at Ls=300°-330° by DCPAM



DCPAM

Figure 192: RH at L_s=240°–270° by Figure 195: RH at L_s=330°–360° by DCPAM

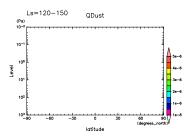




 DCPAM

Ls=30-60 QDust latitude

Figure 196: QDust at $L_s=0^{\circ}-30^{\circ}$ by Figure 199: QDust at $L_s=90^{\circ}-120^{\circ}$ by DCPAM



 DCPAM

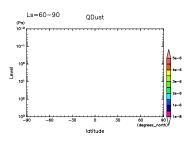


Figure 197: QDust at $\rm L_s{=}30^\circ{-}60^\circ$ by $\,$ Figure 200: QDust at $\rm L_s{=}120^\circ{-}150^\circ$ by DCPAM

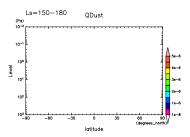
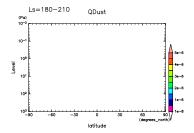
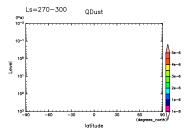


Figure 198: QDust at $\rm L_s{=}60^\circ{-}90^\circ$ by \rm Figure 201: QDust at $\rm L_s{=}150^\circ{-}180^\circ$ DCPAM

by DCPAM





by DCPAM

QDust

Figure 202: QDust at $L_s{=}180^{\circ}{-}210^{\circ}~$ Figure 205: QDust at $L_s{=}270^{\circ}{-}300^{\circ}$ by DCPAM

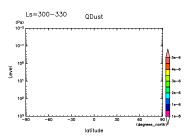


Figure 203: QDust at $L_{\rm s}{=}210^{\circ}{-}240^{\circ}$ by DCPAM

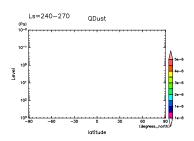


Figure 206: QDust at $L_s{=}300^{\circ}{-}330^{\circ}$ by DCPAM $\,$

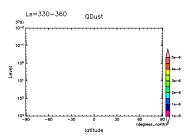
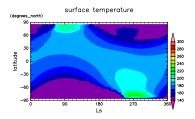


Figure 204: QDust at $L_s=240^{\circ}-270^{\circ}$ by DCPAM $\,$

Figure 207: QDust at $L_s=330^{\circ}-360^{\circ}$ by DCPAM



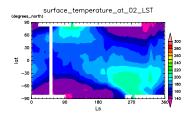


Figure 208: $T_{\rm s}$ at 02 LST by DCPAM

Figure 210: $T_{\rm s}$ at 02 LST by MGS

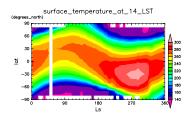
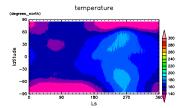


Figure 209: $T_{\rm s}$ at 14 LST by DCPAM

Figure 211: $T_{\rm s}$ at 14 LST by MGS



(degrees_north) air_temperature_at_02_LST

Figure 212: T at 18 Pa and at 02 LST by DCPAM

(dagrees_north) temperature

Figure 216: T at 18 Pa and at 02 LST by MGS

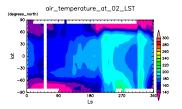


Figure 213: T at 50 Pa and at 02 LST by DCPAM $\,$

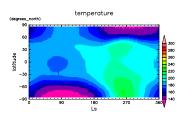


Figure 217: T at 50 Pa and at 02 LST by MGS

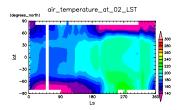


Figure 214: T at 136 Pa and at 02 LST by DCPAM

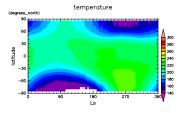
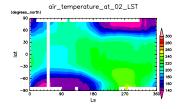


Figure 218: T at 136 Pa and at 02 LST by MGS



39

Figure 215: T at 370 Pa and at 02 LST by DCPAM

Figure 219: T at 370 Pa and at 02 LST by MGS

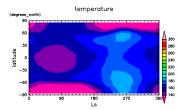


Figure 220: T at 18 Pa and at 14 LST by DCPAM

Figure 224: T at 18 Pa and at 14 LST by MGS

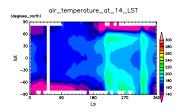


Figure 221: T at 50 Pa and at 14 LST by DCPAM

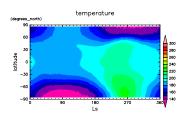


Figure 225: T at 50 Pa and at 14 LST by MGS

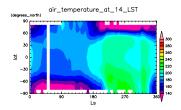


Figure 222: T at 136 Pa and at 14 LST by DCPAM

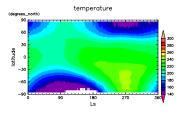
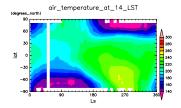


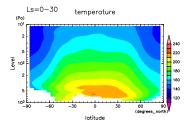
Figure 226: T at 136 Pa and at 14 LST by MGS

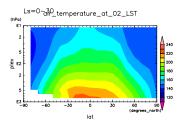


40

Figure 223: T at 370 Pa and at 14 LST by DCPAM $\,$

Figure 227: T at 370 Pa and at 14 LST by MGS





Ls= 0° - 30° by DCPAM

Ls=30-60 temperature latitude

Figure 228: Temp at 02 LST and Figure 231: Temp at 02 LST and $Ls=0^{\circ}-30^{\circ}$ by MGS

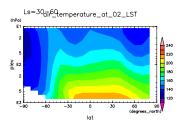
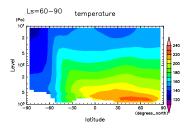


Figure 229: Temp at 02 LST and Figure 232: Temp at 02 LST and Ls= 30° - 60° by DCPAM



Ls= 30° - 60° by MGS

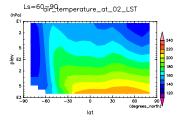
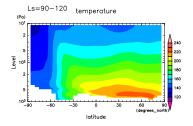
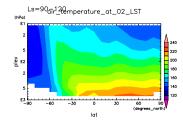


Figure 230: Temp at 02 LST and Figure 233: Temp at 02 LST and Ls=60°-90° by DCPAM

Ls=60°-90° by MGS





Ls= 90° - 120° by DCPAM

Ls=120-150 temperature latitude

Figure 234: Temp at 02 LST and Figure 237: Temp at 02 LST and Ls= 90° - 120° by MGS

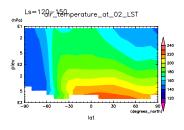
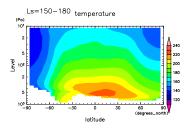
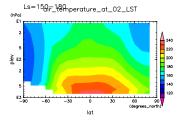


Figure 235: Temp at 02 LST and Figure 238: Temp at 02 LST and Ls=120°-150° by DCPAM

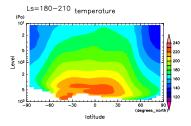


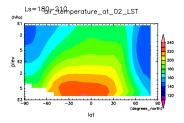
Ls=120°-150° by MGS



Ls=150°-180° by DCPAM

Figure 236: Temp at 02 LST and Figure 239: Temp at 02 LST and Ls=150°-180° by MGS

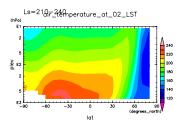




Ls= 180° - 210° by DCPAM

Ls=210-240 temperature e 102 latitude

Figure 240: Temp at 02 LST and Figure 243: Temp at 02 LST and Ls= 180° - 210° by MGS



Ls=210°-240° by DCPAM

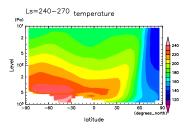


Figure 241: Temp at 02 LST and Figure 244: Temp at 02 LST and Ls=210°-240° by MGS

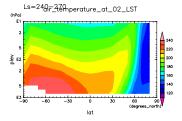
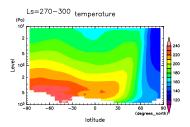
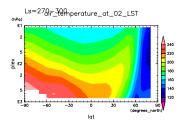


Figure 242: Temp at 02 LST and Figure 245: Temp at 02 LST and Ls=240°-270° by DCPAM

Ls=240°-270° by MGS





Ls= 270° - 300° by DCPAM

Ls=300-330 temperature e 102 latitude

Figure 246: Temp at 02 LST and Figure 249: Temp at 02 LST and Ls= 270° - 300° by MGS

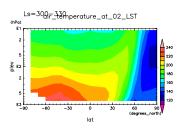
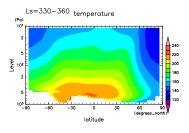
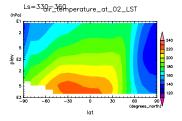


Figure 247: Temp at 02 LST and Figure 250: Temp at 02 LST and Ls= 300° - 330° by DCPAM

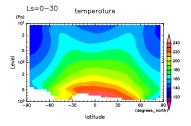


Ls= 300° - 330° by MGS



Ls= 330° - 360° by DCPAM

Figure 248: Temp at 02 LST and Figure 251: Temp at 02 LST and Ls=330°-360° by MGS



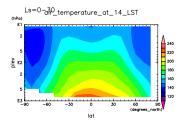
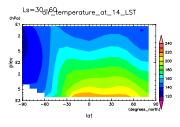


Figure 252: Temp at 14 LST and Figure 255: Temp at 14 LST and Ls= 0° - 30° by DCPAM

Ls=30-60 temperature latitude

 $Ls=0^{\circ}-30^{\circ}$ by MGS



Ls= 30° - 60° by DCPAM

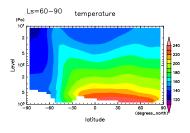
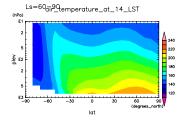
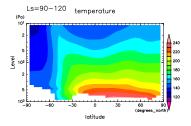


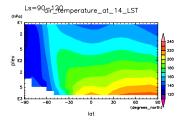
Figure 253: Temp at 14 LST and Figure 256: Temp at 14 LST and Ls= 30° - 60° by MGS



Ls=60°-90° by DCPAM

Figure 254: Temp at 14 LST and Figure 257: Temp at 14 LST and Ls=60°-90° by MGS





Ls= 90° - 120° by DCPAM

Ls=120-150 temperature latitude

Figure 258: Temp at 14 LST and Figure 261: Temp at 14 LST and Ls= 90° - 120° by MGS

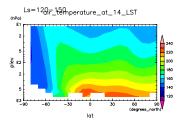
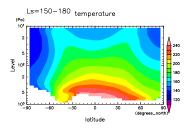
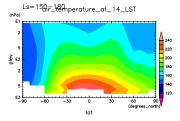


Figure 259: Temp at 14 LST and Figure 262: Temp at 14 LST and Ls= 120° - 150° by DCPAM

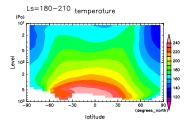


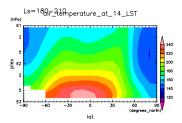
Ls= 120° - 150° by MGS



Ls=150°-180° by DCPAM

Figure 260: Temp at 14 LST and Figure 263: Temp at 14 LST and Ls=150°-180° by MGS





Ls= 180° - 210° by DCPAM

Ls=210-240 temperature e 102 latitude

Figure 264: Temp at 14 LST and Figure 267: Temp at 14 LST and Ls= 180° - 210° by MGS

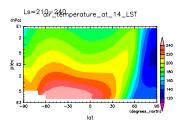
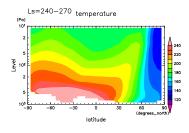
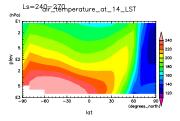


Figure 265: Temp at 14 LST and Figure 268: Temp at 14 LST and Ls= 210° - 240° by DCPAM

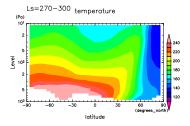


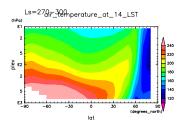
Ls= 210° - 240° by MGS



Ls= 240° - 270° by DCPAM

Figure 266: Temp at 14 LST and Figure 269: Temp at 14 LST and Ls=240°-270° by MGS





Ls= 270° - 300° by DCPAM

Ls=300-330 temperature e 102 latitude

Figure 270: Temp at $14\ \mathrm{LST}$ and Figure 273: Temp at $14\ \mathrm{LST}$ and Ls= 270° - 300° by MGS

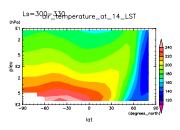
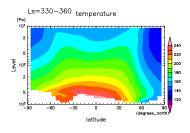


Figure 271: Temp at 14 LST and Figure 274: Temp at 14 LST and Ls= 300° - 330° by DCPAM



Ls= 300° - 330° by MGS

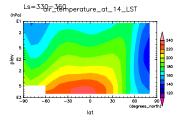
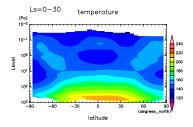
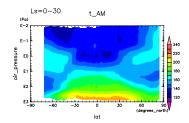


Figure 272: Temp at 14 LST and Figure 275: Temp at 14 LST and Ls=330°-360° by DCPAM

Ls=330°-360° by MGS

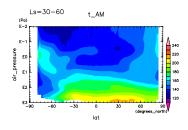




Ls= 0° - 30° by DCPAM

Ls=30-60 temperature latitude

Figure 276: Temp at 03 LST and Figure 279: Temp at 03 LST and Ls= 0° - 30° by MRO



Ls=30°-60° by DCPAM

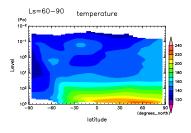
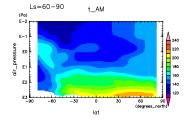
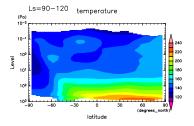


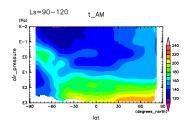
Figure 277: Temp at 03 LST and Figure 280: Temp at 03 LST and Ls= 30° - 60° by MRO



Ls=60°-90° by DCPAM

Figure 278: Temp at 03 LST and Figure 281: Temp at 03 LST and Ls=60°-90° by MRO

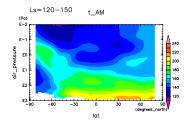




Ls= 90° - 120° by DCPAM

Ls=120-150 temperature latitude

Figure 282: Temp at 03 LST and Figure 285: Temp at 03 LST and Ls=90°-120° by MRO



Ls=120°-150° by DCPAM

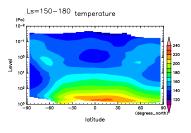
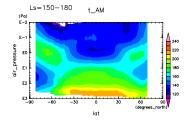
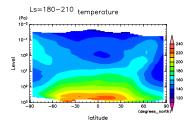


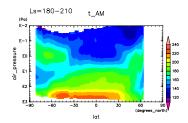
Figure 283: Temp at 03 LST and Figure 286: Temp at 03 LST and Ls=120°-150° by MRO



Ls=150°-180° by DCPAM

Figure 284: Temp at 03 LST and Figure 287: Temp at 03 LST and Ls=150°-180° by MRO





Ls= 180° - 210° by DCPAM

Ls=210-240 temperature Level latitude

Figure 288: Temp at 03 LST and Figure 291: Temp at 03 LST and Ls= 180° - 210° by MRO

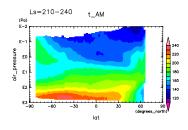
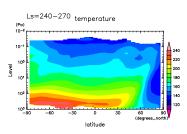
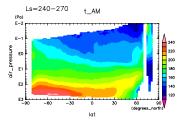


Figure 289: Temp at 03 LST and Figure 292: Temp at 03 LST and Ls=210°-240° by DCPAM

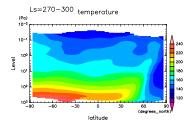


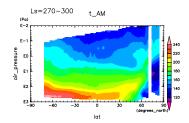
Ls=210°-240° by MRO



Ls=240°-270° by DCPAM

Figure 290: Temp at 03 LST and Figure 293: Temp at 03 LST and Ls=240°-270° by MRO





Ls= 270° - 300° by DCPAM

Ls=300-330 temperature Level latitude

Figure 294: Temp at 03 LST and Figure 297: Temp at 03 LST and Ls= 270° - 300° by MRO

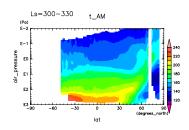
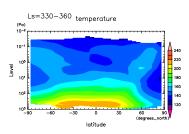
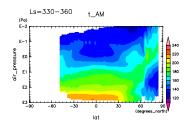


Figure 295: Temp at 03 LST and Figure 298: Temp at 03 LST and Ls=300°-330° by DCPAM

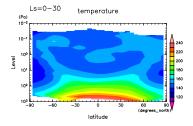


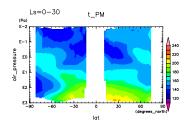
Ls=300°-330° by MRO



Ls=330°-360° by DCPAM

Figure 296: Temp at 03 LST and Figure 299: Temp at 03 LST and Ls=330°-360° by MRO

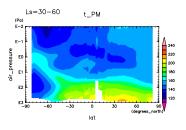




Ls= 0° - 30° by DCPAM

Ls=30-60 temperature latitude

Figure 300: Temp at 15 LST and Figure 303: Temp at 15 LST and Ls= 0° - 30° by MRO



Ls=30°-60° by DCPAM

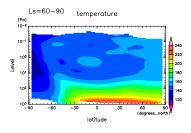
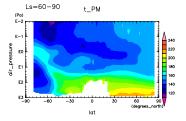
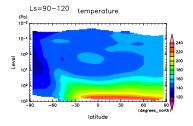


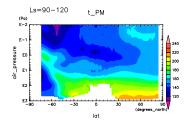
Figure 301: Temp at 15 LST and Figure 304: Temp at 15 LST and Ls= 30° - 60° by MRO



Ls=60°-90° by DCPAM

Figure 302: Temp at 15 LST and Figure 305: Temp at 15 LST and Ls=60°-90° by MRO





Ls= 90° - 120° by DCPAM

Ls=120-150 temperature latitude

Figure 306: Temp at 15 LST and Figure 309: Temp at 15 LST and Ls=90°-120° by MRO

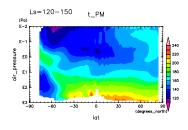
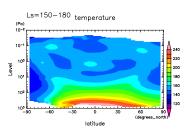
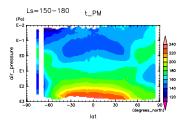


Figure 307: Temp at 15 LST and Figure 310: Temp at 15 LST and Ls=120°-150° by DCPAM

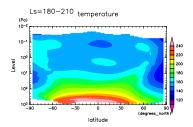


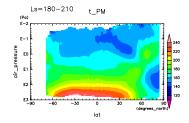
Ls=120°-150° by MRO



Ls=150°-180° by DCPAM

Figure 308: Temp at 15 LST and Figure 311: Temp at 15 LST and Ls=150°-180° by MRO





Ls= 180° - 210° by DCPAM

Ls=210-240 temperature Level latitude

Figure 312: Temp at 15 LST and Figure 315: Temp at 15 LST and Ls= 180° - 210° by MRO

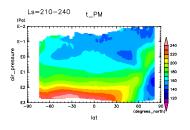
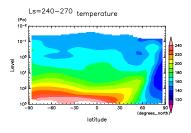


Figure 313: Temp at 15 LST and Figure 316: Temp at 15 LST and Ls=210°-240° by DCPAM



Ls=210°-240° by MRO

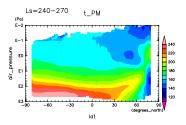
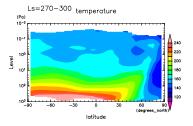
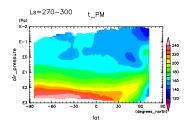


Figure 314: Temp at 15 LST and Figure 317: Temp at 15 LST and Ls=240°-270° by DCPAM

Ls=240°-270° by MRO





Ls= 270° - 300° by DCPAM

Ls=300-330 temperature 10-Level latitude

Figure 318: Temp at 15 LST and Figure 321: Temp at 15 LST and Ls= 270° - 300° by MRO

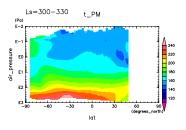
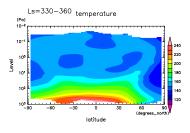


Figure 319: Temp at 15 LST and Figure 322: Temp at 15 LST and Ls=300°-330° by DCPAM



Ls=300°-330° by MRO

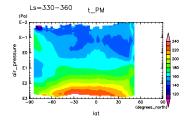


Figure 320: Temp at 15 LST and Figure 323: Temp at 15 LST and Ls=330°-360° by DCPAM

Ls=330°-360° by MRO

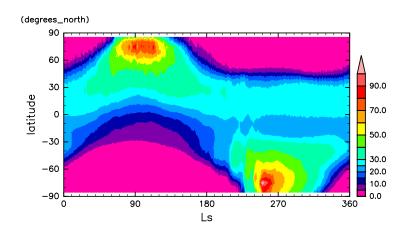


Figure 324: Column integrated water vapor by DCPAM $\,$

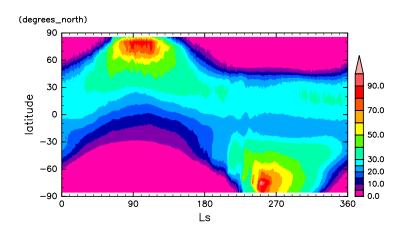


Figure 325: Column integrated water vapor by DCPAM

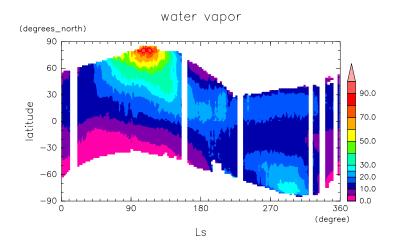


Figure 326: Column integrated water vapor observed by MGS-TES in MY25 $\,$

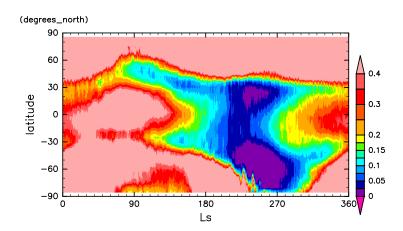


Figure 327: Optical depth of water ice by DCPAM $\,$

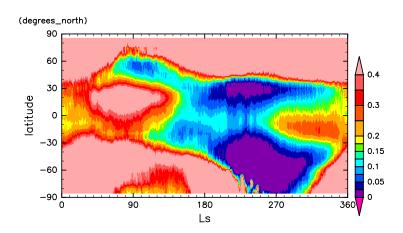


Figure 328: Optical depth of water ice by DCPAM

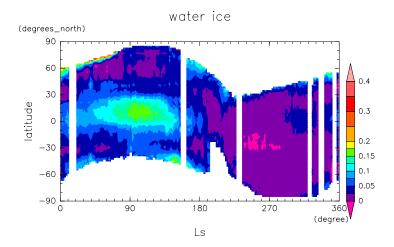


Figure 329: Optical depth of water ice observed by MGS-TES in ${\rm MY25}$

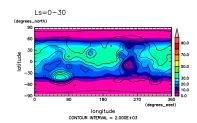


Figure 330: Prec. water at 02 LST and Ls=0°-30° by DCPAM

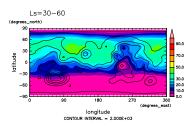


Figure 331: Prec. water at 02 LST and Ls=30°-60° by DCPAM

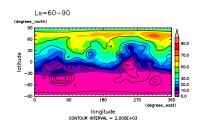


Figure 332: Prec. water at 02 LST and Ls=60°-90° by DCPAM

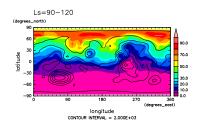


Figure 333: Prec. water at 02 LST and Ls=90°-120° by DCPAM

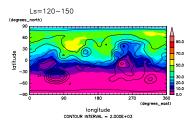


Figure 334: Prec. water at 02 LST and Ls=120°-150° by DCPAM

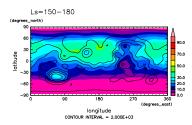


Figure 335: Prec. water at 02 LST and Ls=150°-180° by DCPAM

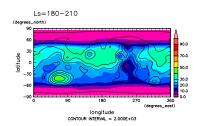


Figure 336: Prec. water at 02 LST and Ls= 180° - 210° by DCPAM

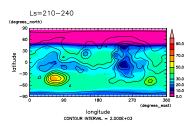


Figure 337: Prec. water at 02 LST and Ls= 210° - 240° by DCPAM

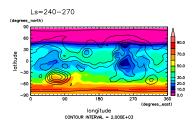


Figure 338: Prec. water at 02 LST and Ls=240°-270° by DCPAM

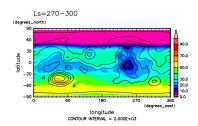


Figure 339: Prec. water at 02 LST and Ls=270°-300° by DCPAM

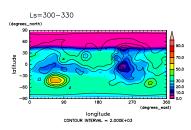


Figure 340: Prec. water at 02 LST and Ls=300°-330° by DCPAM

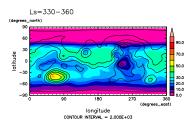


Figure 341: Prec. water at 02 LST and Ls=330°-360° by DCPAM

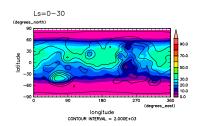


Figure 342: Prec. water at 14 LST and Ls=0°-30° by DCPAM

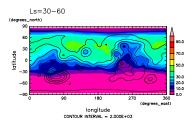


Figure 343: Prec. water at 14 LST and Ls=30°-60° by DCPAM

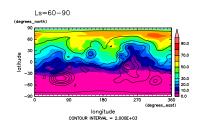


Figure 344: Prec. water at 14 LST and Ls=60°-90° by DCPAM

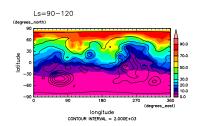


Figure 345: Prec. water at 14 LST and Ls=90°-120° by DCPAM

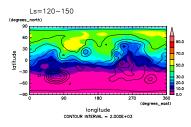


Figure 346: Prec. water at 14 LST and Ls= 120° - 150° by DCPAM

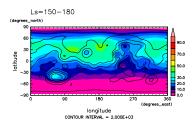


Figure 347: Prec. water at 14 LST and Ls=150°-180° by DCPAM

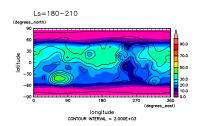


Figure 348: Prec. water at 14 LST and Ls= 180° - 210° by DCPAM

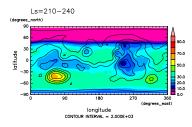


Figure 349: Prec. water at 14 LST and Ls=210°-240° by DCPAM

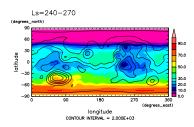


Figure 350: Prec. water at 14 LST and Ls=240°-270° by DCPAM

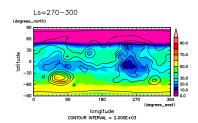


Figure 351: Prec. water at 14 LST and Ls=270°-300° by DCPAM

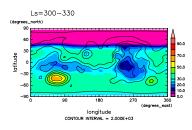


Figure 352: Prec. water at 14 LST and Ls= 300° - 330° by DCPAM

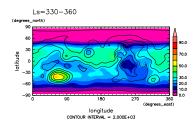
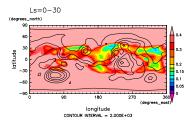
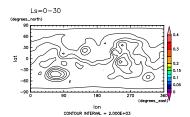


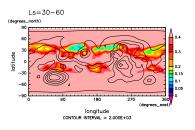
Figure 353: Prec. water at 14 LST and Ls=330°-360° by DCPAM

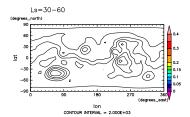




depth at 02 LST and Ls= 0° - 30° by DCPAM

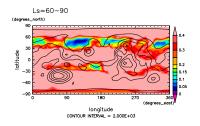
Figure 354: H₂O ice cloud optical Figure 357: H₂O ice cloud optical depth at 02 LST and Ls= 0° - 30° by MGS





depth at 02 LST and Ls= 30° - 60° by DCPAM

Figure 355: H₂O ice cloud optical Figure 358: H₂O ice cloud optical depth at 02 LST and Ls= 30° - 60° by MGS



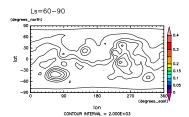
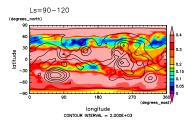


Figure 356: H₂O ice cloud optical Figure 359: H₂O ice cloud optical depth at 02 LST and Ls= 60° - 90° by DCPAM

depth at 02 LST and Ls= 60° - 90° by MGS



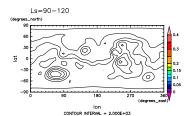
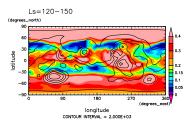
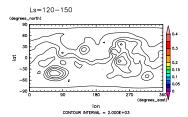


Figure 360: H₂O ice cloud optical depth at 02 LST and Ls= 90° - 120° by DCPAM

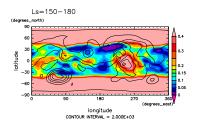
Figure 363: H₂O ice cloud optical depth at 02 LST and Ls= 90° - 120° by MGS

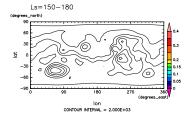




depth at 02 LST and Ls= 120° - 150° by DCPAM

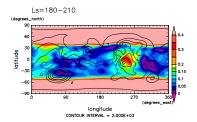
Figure 361: H₂O ice cloud optical Figure 364: H₂O ice cloud optical depth at 02 LST and Ls= 120° - 150° by MGS

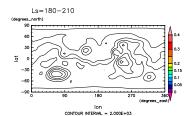




depth at 02 LST and Ls= 150° - 180° by DCPAM

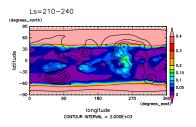
Figure 362: H₂O ice cloud optical Figure 365: H₂O ice cloud optical depth at 02 LST and Ls=150°-180° by MGS

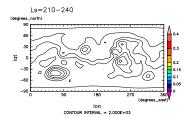




depth at 02 LST and Ls= 180° - 210° by DCPAM

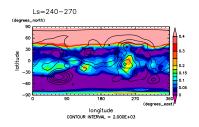
Figure 366: H₂O ice cloud optical Figure 369: H₂O ice cloud optical depth at 02 LST and Ls= 180° - 210° by MGS

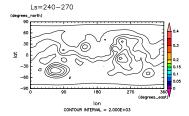




depth at 02 LST and Ls= 210° - 240° by DCPAM

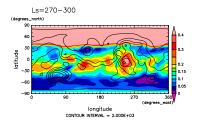
Figure 367: H₂O ice cloud optical Figure 370: H₂O ice cloud optical depth at 02 LST and Ls= 210° - 240° by MGS

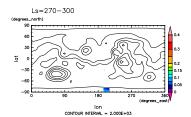




depth at 02 LST and Ls= 240° - 270° by DCPAM

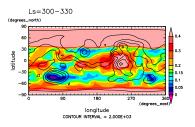
Figure 368: H₂O ice cloud optical Figure 371: H₂O ice cloud optical depth at 02 LST and Ls=240°-270° by MGS

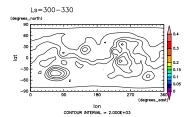




depth at 02 LST and Ls= 270° - 300° by DCPAM

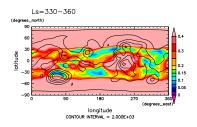
Figure 372: H₂O ice cloud optical Figure 375: H₂O ice cloud optical depth at 02 LST and Ls= 270° - 300° by MGS

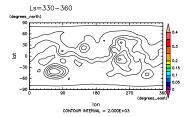




depth at 02 LST and Ls= 300° - 330° by DCPAM

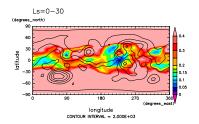
Figure 373: H₂O ice cloud optical Figure 376: H₂O ice cloud optical depth at 02 LST and Ls= 300° - 330° by MGS

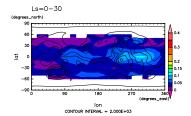




depth at 02 LST and Ls= 330° - 360° by DCPAM

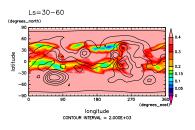
Figure 374: H₂O ice cloud optical Figure 377: H₂O ice cloud optical depth at 02 LST and Ls=330°-360° by MGS

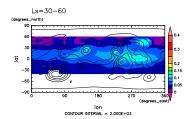




depth at 14 LST and Ls= 0° - 30° by DCPAM

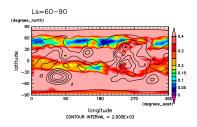
Figure 378: H₂O ice cloud optical Figure 381: H₂O ice cloud optical depth at 14 LST and Ls= 0° - 30° by MGS





depth at 14 LST and Ls= 30° - 60° by DCPAM

Figure 379: H₂O ice cloud optical Figure 382: H₂O ice cloud optical depth at 14 LST and Ls= 30° - 60° by MGS



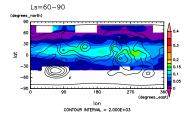
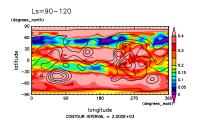
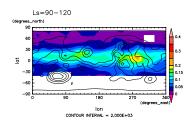


Figure 380: H₂O ice cloud optical Figure 383: H₂O ice cloud optical depth at 14 LST and Ls= 60° - 90° by DCPAM

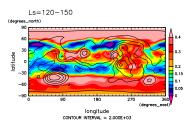
depth at 14 LST and Ls= 60° - 90° by MGS

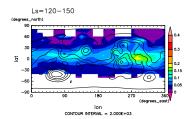




depth at 14 LST and Ls= 90° - 120° by DCPAM

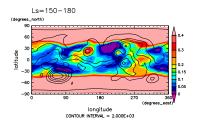
Figure 384: H₂O ice cloud optical Figure 387: H₂O ice cloud optical depth at 14 LST and Ls= 90° - 120° by MGS





depth at 14 LST and Ls= 120° - 150° by DCPAM

Figure 385: H₂O ice cloud optical Figure 388: H₂O ice cloud optical depth at 14 LST and Ls=120°-150° by MGS



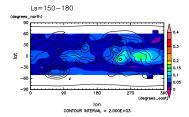
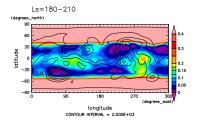
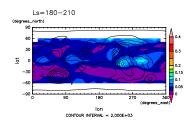


Figure 386: H₂O ice cloud optical Figure 389: H₂O ice cloud optical depth at 14 LST and Ls= 150° - 180° by DCPAM

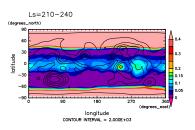
depth at 14 LST and Ls=150°-180° by MGS

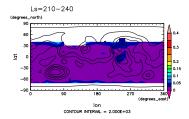




depth at 14 LST and Ls= 180° - 210° by DCPAM

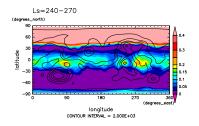
Figure 390: H₂O ice cloud optical Figure 393: H₂O ice cloud optical depth at 14 LST and Ls= 180° - 210° by MGS

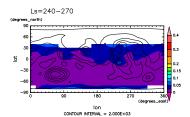




depth at 14 LST and Ls= 210° - 240° by DCPAM

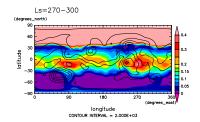
Figure 391: H₂O ice cloud optical Figure 394: H₂O ice cloud optical depth at 14 LST and Ls=210°-240° by MGS





depth at 14 LST and Ls= 240° - 270° by DCPAM

Figure 392: H₂O ice cloud optical Figure 395: H₂O ice cloud optical depth at 14 LST and Ls=240°-270° by MGS



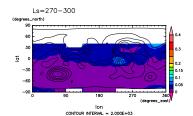
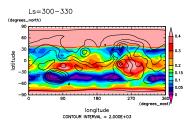


Figure 396: H₂O ice cloud optical depth at 14 LST and Ls= 270° - 300° by DCPAM

Figure 399: H₂O ice cloud optical depth at 14 LST and Ls= 270° - 300° by MGS



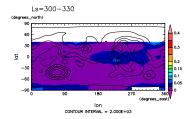
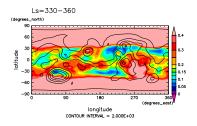
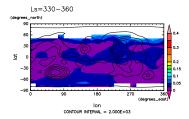


Figure 397: H₂O ice cloud optical depth at 14 LST and Ls= 300° - 330° by DCPAM

Figure 400: H₂O ice cloud optical depth at 14 LST and Ls=300°-330° by MGS





depth at 14 LST and Ls= 330° - 360° by DCPAM

Figure 398: H₂O ice cloud optical Figure 401: H₂O ice cloud optical depth at 14 LST and Ls=330°-360° by MGS

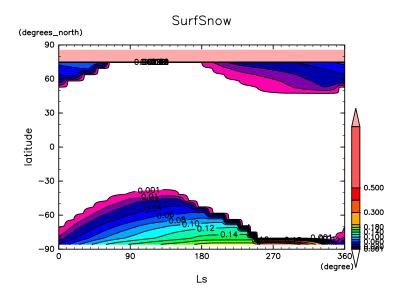


Figure 402: Snow on the ground by DCPAM

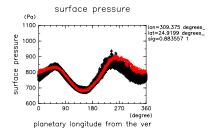


Figure 403: Surface pressure at Viking lander 1 site by DCPAM (black) and observation (diurnal mean, red)

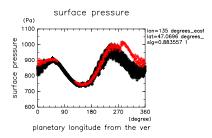


Figure 404: Surface pressure at Viking lander 2 site by DCPAM (black) and observation (diurnal mean, red)

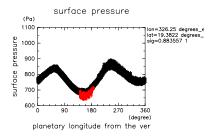


Figure 405: Surface pressure at Mars Pathfinder site by DCPAM (black) and observation (red)